

# INFORMATION Redacted PURSUANT TO THE FREEDOM OF INFORMATION ACT (FOIA), 5 U.S.C. 552(B)(6)

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**From:** Welch, Sharon (S.L.)  
**Sent:** Friday, February 11, 2011 3:47 PM  
**To:** Lang, Gary (G.C.)  
**Subject:** RE: 10x11 - Airbag Jumper Cost Estimate

FYI - population is now 2005&2006 only. Nov 1,2004 to June 30, 2005 no Mark LT

*Sharon Welch*

Program Manager  
Recall & Service Programs  
DSC II 803  
Phone (313) 33-72791

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**From:** Lang, Gary (G.C.)  
**Sent:** Friday, February 11, 2011 12:31 PM  
**To:** Oswalt, Greg (G.G.)  
**Cc:** Welch, Sharon (S.L.)  
**Subject:** 10x11 - Airbag Jumper Cost Estimate

<< File: 10x11 - Cost Estimate.xls >>

**Gary Lang**

Ford Customer Service - Recall  
Phone (313) 24-84791  
DSC II rm 795  
1800 Fairlane Dr  
Allen Park, MI 48101

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**From:** Roberts, Michael (M.J.)  
**Sent:** Thursday, January 27, 2011 7:23 PM  
**To:** Welch, Sharon (S.L.); Lang, Gary (G.C.); Oswald, Greg (G.G.)  
**Cc:** Roberts, Michael (M.J.)  
**Subject:** FW: 10X11\_Air Bag Targeting Report UPDATE

**Attachments:** 10X11\_AirBag\_TargetingReport\_v2.xls; 2004-06 MY F-150 Inadvertent Airbag Deployment Extract Request\_100610\_rev2.xls

Attached are the REFRESHED targeting report and extract request. Data totals have not changed by Model year. The country counts have changed slightly, but the totals are still the same.

I did not see any change in this most recent extract request Vs the original request I received on October 6, 2010.



10X11\_AirBag\_Targ  
etingReport\_v...

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**From:** Oswald, Greg (G.G.)  
**Sent:** Thursday, January 27, 2011 2:01 PM  
**To:** Welch, Sharon (S.L.); Roberts, Michael (M.J.); Green, Jeffrey (J.T.)  
**Subject:** Extract Request

Attached is the revised 2004-06 MY F-150 Inadvertant Airbag Deployment Extract Request per yesterday's 14D review for NAP only.



2004-06 MY F-150  
Inadvertent A...

Let me know if you have any questions.

**Greg Oswald**

Critical Concern Manager  
Pick-up/Medium Truck & Large SUV  
PDC - GC-A59, MD 266

 313-390-1160, Cell Ph. 734-812-9220

 [goswalt@ford.com](mailto:goswalt@ford.com)

*"If you have a weak stomach, you should not watch how sausages are made, or how a bill gets approved in congress"*

Required sections=

THIS NEW VEHICLE EXTRACT/DATA REQUEST FORM PROVIDES:

- 1) Standardization of data request
- 2) Data accuracy
- 3) Quicker Turnaround
- 4) Consumption Management - Reduction of IT Cost
- 5) Less email transactions requesting clarification

Requestor Name:	Greg Oswalt		
Requestor CDSID:	goswalt		
Requestor Organization:	Pick-up/Medium Truck & Large SUV		
Request Date:	10/6/2010		
Concern Description:	2004-06 MY F-150 Inadvertent Airbag Deployment		
EPRC #, if applicable:			
Special Request:	e.g., VINs, owner or dealer information, etc. (requires prior approval from Recall Program Managers)		

FSA Coordinator Area

Form Creation Date: 9/28/2005

Form Revised Date: blank

Request #

Revision request(a,b,etc.):

GCamp Global #:

X-number:

FSA Coordinator Name:

Application Used to gather data (X):

Business Objects:GCampVAQ:

GCamp Targeting:GCamp1:

Variants									
e.g., F-250/350/450/550 Taurus/Sable Escape		e.g., XL, XLT Police Livery, Limousine 3Dr, 4Dr, 5Dr SuperCab, CrewCab	"Job 1" returns Pre-Prod units	"Current MY Prod Counts are delayed one week"	All or specific	All or Specific	All, Auto, Man, or Specific	e.g., Emission Codes, Sold Dates, Speed Control, Tire Size, GVW, Wheelbase, Hydraulic or Air Brake, etc.	e.g., USA and Safety Act or North America, etc.
Vehicle(s)	Model Year(s)	BodyStyle	dd-mmm-yyyy Prod Date Begin	dd-mmm-yyyy Prod Date End	Plant(s)	Engine(s)	Transmission(s)	Other	Assigned Responsible Country(s) (if necessary)
F-150	2004-06	All	Job #1 (2004 MY)	1/24/2006	NAP	All	All		All

Insert Additional Rows if needed.

Vehicle Count By Country  
Global FSA: 00013808 - AIR BAG INADVERTENT DEPLOYMENT

Country	2004 MY	2005 MY	2006 MY	Total
CANADA	17510	12348	5221	35079
MEXICO	0	0	2	2
UNITED STATES	252027	189057	98253	539337
Europe	4	0	0	4
SouthAmerica	0	11	1	12
E & G Other	517	326	32	875
E & G Safety Act	574	711	311	1596
	270632	202453	103820	576905

Plant	Model Year	Earliest Production Date	Latest Production Date	Total
NORFOLK PLANT BUILD	2004	27-Jan-2003	20-Aug-2004	270632
NORFOLK PLANT BUILD	2005	19-Apr-2004	05-Aug-2005	202453
NORFOLK PLANT BUILD	2006	29-Mar-2005	24-Jan-2006	103820
				576905

**Criteria Grouping(s):**

LAST MODIFIED: 06-OCT-2010 02:41 PM BY MROBER18  
 MODEL YEAR(S): 2004, 2005,2006  
 VEHICLE LINE(S): F150  
 BRAND: = FORD  
 PRODUCTION DATE: J1 and PreProd TO 2006-01-24



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**From:** Roberts, Michael (M.J.)  
**Sent:** Thursday, January 20, 2011 3:12 PM  
**To:** Welch, Sharon (S.L.); Oswalt, Greg (G.G.)  
**Cc:** Lang, Gary (G.C.)  
**Subject:** RE: 10X11\_Air Bag Targeting Report

This dates are earliest production dates...not sure why he provided that.

Greg,

No reason to insert these dates in the Extract request...Job 1 is good enough for Start Date

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**From:** Culkeen, Patrick (P.M.)  
**Sent:** Thursday, January 20, 2011 3:02 PM  
**To:** Welch, Sharon (S.L.); Oswalt, Greg (G.G.); Ott, David (D.J.)  
**Cc:** Lang, Gary (G.C.); Roberts, Michael (M.J.); Hartstang, Joe (J.K.); Kreiger, Erik (E.); Fronckowiak, Todd (T.M.)  
**Subject:** RE: 10X11\_Air Bag Targeting Report

Team Members,

The start dates for the respective plants are as follows for P221 based F-150's:

- Dearborn Assembly - 10/16/03
- Kansas City Assembly - 2/24/03
- Norfolk Assembly - 1/27/03

I am working on finalizing the incorporation dates for the Mylar tape, which came in on Alert #A11859535 on 1/23/06.

*Patrick M. Culkeen*

**Ford Motor Company**

Automotive Safety Office  
External Safety Investigations  
Fairlane Plaza South, Suite 500  
330 Town Center Drive  
Dearborn, MI 48126-2738 USA  
W: (313) 594-4792  
F: (313) 594-2268

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**From:** Welch, Sharon (S.L.)  
**Sent:** Thursday, January 20, 2011 11:26 AM  
**To:** Oswalt, Greg (G.G.); Ott, David (D.J.); Culkeen, Patrick (P.M.)  
**Cc:** Lang, Gary (G.C.); Roberts, Michael (M.J.); Welch, Sharon (S.L.); Hartstang, Joe (J.K.); Kreiger, Erik (E.); Fronckowiak, Todd (T.M.)  
**Subject:** FW: 10X11\_Air Bag Targeting Report  
**Importance:** High

Greg, Dave, and Pat,

If you review the attached VERN and Targeting Report, you will see that we never asked for an extract of vehicles built at the other plants (request assumed Norfolk only). We need a revised extract from Greg ASAP so we can define the population.

Dave and Pat,

Please make sure you concur with Greg on the end dates.

Thanks.

*Sharon Welch*

Program Manager  
Recall & Service Programs  
DSC II 803  
Phone (313) 33-72791

---

**From:** Roberts, Michael (M.J.)  
**Sent:** Thursday, January 20, 2011 10:52 AM  
**To:** Ott, David (D.J.); Fronckowiak, Todd (T.M.); Culkeen, Patrick (P.M.)  
**Cc:** Welch, Sharon (S.L.); Lang, Gary (G.C.)  
**Subject:** FW: 10X11\_Air Bag Targeting Report

Dave, Todd, and Pat,  
Attached are the Extract Request from the CCM and the resulting Targeting Report.

Mike R

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**From:** Roberts, Michael (M.J.)  
**Sent:** Thursday, October 07, 2010 3:57 PM  
**To:** Oswalt, Greg (G.G.)  
**Cc:** Green, Jeffrey (J.T.); Lang, Gary (G.C.); Welch, Sharon (S.L.)  
**Subject:** 10X11\_Air Bag Targeting Report

<< File: 10X11\_AirBag\_TargetingReport.xls >>

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**From:** Oswalt, Greg (G.G.)  
**Sent:** Wednesday, October 06, 2010 8:43 AM  
**To:** Green, Jeffrey (J.T.); Roberts, Michael (M.J.)  
**Cc:** Frommann, Mike (M.W.); Lang, Gary (G.C.)  
**Subject:** Extract Request

Attached is the extract request for 2004-06 MY F-150 Inadvertent Airbag Deployment.  
Let me know if you have any questions.

<< File: 2004-06 MY F-150 Inadvertent Airbag Deployment

Extract Request\_100610.xls >>

*Greg Oswalt*

Critical Concern Manager  
Pick-up/Medium Truck & Large SUV  
PDC - GC-A59, MD 266  
☎ 313-390-1160, Cell Ph. 734-812-9220

✉ [goswalt@ford.com](mailto:goswalt@ford.com)

*"If you have a weak stomach, you should not watch how sausages are made, or how a bill gets approved in congress"*

Required sections=

THIS NEW VEHICLE EXTRACT/DATA REQUEST FORM PROVIDES:

- 1) Standardization of data request
- 2) Data accuracy
- 3) Quicker Turnaround
- 4) Consumption Management - Reduction of IT Cost
- 5) Less email transactions requesting clarification

Requestor Name:	Greg Oswalt	
Requestor CDSID:	goswalt	
Requestor Organization:	Pick-up/Medium Truck & Large SUV	
Request Date:	10/6/2010	
Concern Description:	2004-06 MY F-150 Inadvertent Airbag Deployment	
EPRC #, if applicable:		
Special Request:	e.g., VINs, owner or dealer information, etc. (requires prior approval from Recall Program Managers)	

FSA Coordinator Area	
Form Creation Date: 9/28/2005	
Form Revised Date: blank	
Request #	
Revision request(a,b,etc.):	
GCamp Global #:	
X-number:	
FSA Coordinator Name:	
Application Used to gather data (X):	
Business Objects:	GCampVAQ:
GCamp Targeting:	GCamp1:

Variants									
e.g., F-250/350/450/550 Taurus/Sable Escape		e.g., XL, XLT Police Livery, Limousine 3Dr, 4Dr, 5Dr SuperCab, CrewCab	"Job 1" returns Pre-Prod units  dd-mmm-yyyy	"Current MY Prod Counts are delayed one week"  dd-mmm-yyyy	All or specific	All or Specific	All, Auto, Man, or Specific	e.g., Emission Codes, Sold Dates, Speed Control, Tire Size, GVW, Wheelbase, Hydraulic or Air Brake, etc.	e.g., USA and Safety Act or North America, etc.  Assigned Responsible Country(s) (if necessary)
Vehicle(s)	Model Year(s)	BodyStyle	Prod Date Begin	Prod Date End	Plant(s)	Engine(s)	Transmission(s)	Other	
F-150	2004-06	All	Job #1 (2004 MY)	1/24/2006	NAP	All	All		All

Insert Additional Rows if needed.

Vehicle Count By Country  
Global FSA: 00013808 - AIR BAG INADVERTENT DEPLOYMENT

Country	2004 MY	2005 MY	2006 MY	Total
CANADA	17508	12350	5220	35078
MEXICO	0	0	2	2
UNITED STATES	252029	189054	98254	539337
Europe	4	0	0	4
SouthAmerica	0	11	1	12
E & G Other	517	326	32	875
E & G Safety Act	574	712	311	1597
	270632	202453	103820	576905

Plant	Model Year	Earliest Production Date	Latest Production Date	Total
NORFOLK PLANT BUILD	2004	27-Jan-2003	20-Aug-2004	270632
NORFOLK PLANT BUILD	2005	19-Apr-2004	05-Aug-2005	202453
NORFOLK PLANT BUILD	2006	29-Mar-2005	24-Jan-2006	103820
				576905

**Criteria Grouping(s):**

LAST MODIFIED: 06-OCT-2010 02:41 PM BY MROBER18  
 MODEL YEAR(S): 2004, 2005,2006  
 VEHICLE LINE(S): F150  
 BRAND: = FORD  
 PRODUCTION DATE: J1 and PreProd TO 2006-01-24

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**From:** tim.crain@spx.com  
**Sent:** Wednesday, June 09, 2010 12:12 PM  
**To:** Welch, Sharon (S.L.); Lang, Gary (G.C.)  
**Cc:** Tim\_Crain/ServiceSolutions/SPX@SPX.com; Lee\_Wilson/VFTIS/SPX@SPX.com; john.sukiennik@spx.com; Christianson, Kevin (K.C.)  
**Subject:** 10X11 Air Bag  
**Importance:** High

Sharon and Gary,

Per our meeting this morning, I have asked John Sukiennik to locate a 2004 F-150, a 2006 F-150 and a 2006 Mark LT for us to trial/prove out the air bag harness R & I. When John finds these vehicles,

Depending on the person, this may require us to provide the owner with a tank of gas. I would like to try to do the trial all at one time, which would also include KC's 2005 F-150. I will advise you as soon as I know something, so that Gary will have time to invite the engineers. Let me know if there is anything else you would like me to do. Thanks timc



***Tim Crain***

**Technical Author – FORD Recall Programs**

SPX Service Solutions

1555 Fairlane Drive | Allen Park, MI 48101 | USA

Cube: 212E

Phone: 313 317 1629

Cell: 313 595 1348

[tim.crain@spx.com](mailto:tim.crain@spx.com)

[www.SPX.com](http://www.SPX.com)

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**From:** Roberts, Michael (M.J.)  
**Sent:** Thursday, February 10, 2011 5:00 PM  
**To:** Oswalt, Greg (G.G.); Welch, Sharon (S.L.); Prescott, Amanda (A.B.)  
**Cc:** Culkeen, Patrick (P.M.); Lang, Gary (G.C.); Roberts, Michael (M.J.)  
**Subject:** 10X11 Air Bag-Revised Targeting report - Norfolk produced Nov-04 thru Jun-05

**Attachments:** 10X11\_AirBag\_TargetingReport\_v4.xls; 2004-06 MY F-150 Inadvertent Airbag Deployment Extract Request\_100610\_rev3.xls



10X11\_AirBag\_Targ  
etingReport\_v...

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**From:** Oswalt, Greg (G.G.)  
**Sent:** Thursday, February 10, 2011 4:49 PM  
**To:** Welch, Sharon (S.L.); Roberts, Michael (M.J.); Prescott, Amanda (A.B.)  
**Cc:** Culkeen, Patrick (P.M.); Lang, Gary (G.C.)  
**Subject:** RE: Revised Targeting report - preliminary data

[Here is the revised extract.](#)



2004-06 MY F-150  
Inadvertent A...

**Greg Oswalt**  
Critical Concern Manager  
Pick-up/Medium Truck & Large SUV  
PDC - GC-A59, MD 266  
☎ 313-390-1160, Cell Ph. 734-812-9220  
✉ [goswalt@ford.com](mailto:goswalt@ford.com)

*"If you have a weak stomach, you should not watch how sausages are made, or how a bill gets approved in congress"*

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**From:** Welch, Sharon (S.L.)  
**Sent:** Thursday, February 10, 2011 3:05 PM  
**To:** Roberts, Michael (M.J.); Oswalt, Greg (G.G.); Prescott, Amanda (A.B.)  
**Cc:** Culkeen, Patrick (P.M.); Lang, Gary (G.C.)  
**Subject:** RE: Revised Targeting report - preliminary data

Mike,  
Per Ray Nevi, our revised population is Nov 1 2004 through June 30 2005 for Norfolk only. Greg will send a revised extract request as soon as he can.

**Sharon Welch**  
Program Manager  
Recall & Service Programs  
DSC II 803

Phone (313) 33-72791

---

**From:** Roberts, Michael (M.J.)  
**Sent:** Wednesday, February 09, 2011 3:38 PM  
**To:** Oswalt, Greg (G.G.); Prescott, Amanda (A.B.); Welch, Sharon (S.L.)  
**Cc:** Culkeen, Patrick (P.M.); Lang, Gary (G.C.)  
**Subject:** Revised Targeting report - preliminary data

Attached are counts for F150 MY 2005-06, Nov-1-2004 thru Jun-30-2005 produced at Norfolk and Kansas City  
<< File: 10X11\_AirBag\_TargetingReport\_v3\_preliminary.xls >>

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**From:** Oswalt, Greg (G.G.)  
**Sent:** Wednesday, February 09, 2011 12:56 PM  
**To:** Prescott, Amanda (A.B.); Welch, Sharon (S.L.)  
**Cc:** Culkeen, Patrick (P.M.); Roberts, Michael (M.J.)  
**Subject:** RE: F-150 dates

For puposes of tomorrows tech review we are going with what we have currently in the 14D. We can change the population after the T.R. and adjust the FRC Fact Sheet accordingly.

*Greg Oswalt*  
Critical Concern Manager  
Pick-up/Medium Truck & Large SUV  
PDC - GC-A59, MD 266  
☎ 313-390-1160, Cell Ph. 734-812-9220  
✉ [goswalt@ford.com](mailto:goswalt@ford.com)

*"If you have a weak stomach, you should not watch how sausages are made, or how a bill gets approved in congress"*

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**From:** Prescott, Amanda (A.B.)  
**Sent:** Wednesday, February 09, 2011 12:45 PM  
**To:** Welch, Sharon (S.L.); Oswalt, Greg (G.G.)  
**Cc:** Culkeen, Patrick (P.M.); Roberts, Michael (M.J.)  
**Subject:** RE: F-150 dates

All f-150 and mark lt vehicles built from November 1, 2004 through June 30, 2005, at Norfolk and do the same for kansas city. However, I believe Mark LT was only built at Dearborn.

---

**From:** Welch, Sharon (S.L.)  
**Sent:** Wednesday, February 09, 2011 12:15 PM  
**To:** Prescott, Amanda (A.B.); Oswalt, Greg (G.G.)  
**Cc:** Culkeen, Patrick (P.M.); Roberts, Michael (M.J.)  
**Subject:** RE: F-150 dates  
**Importance:** High

Amanda,  
Please clarify dates and model years. For example, do you mean ALL vehicles build between Nov 1, 2004 and June 30, 2005? The majority of these would be 2005 MY, but some would be 2006MY as well.

*Sharon Welch*  
Program Manager  
Recall & Service Programs  
DSC II 803  
Phone (313) 33-72791

---

**From:** Prescott, Amanda (A.B.)  
**Sent:** Wednesday, February 09, 2011 10:43 AM  
**To:** Oswald, Greg (G.G.); Welch, Sharon (S.L.)  
**Cc:** Culkeen, Patrick (P.M.)  
**Subject:** F-150 dates

November 2004-June 2005 at Norfolk

And possibly same period for Kansas City.

Amanda Prescott  
Automotive Safety Office  
Senior Research Engineer  
313-845-7295  
Fairlane Plaza South-Suite 500



Production Dates By Plant  
Global FSA: 00013911 - AIR BAG- 2005-06 KC AND NORFOLK PLANTS

Plant	MY	Earliest Production Date	Latest Production Date	counts
NORFOLK PLANT BUILD	2005	01-Nov-2004	30-Jun-2005	143911
NORFOLK PLANT BUILD	2006	29-Mar-2005	30-Jun-2005	136
			grand total	144047

Currently Assigned Counts				
ROI	Country	2005 MY	2006 MY	Total
FORD - NORTH AMERICA	UNITED STATES	134439	129	134568
E&G - US FED SAFETY ACT	AMERICAN SAMOA	3	0	3
E&G - US FED SAFETY ACT	GUAM	27	0	27
E&G - US FED SAFETY ACT	PUERTO RICO	397	0	397
E&G - US FED SAFETY ACT	VIRGIN ISLANDS (US	9	0	9
FORD - NORTH AMERICA	CANADA	8775	5	8780
FORD SOUTH AMERICA	ECUADOR	11	0	11
E&G Other	CHILE	18	0	18
E&G Other	AFGHANISTAN	1	0	1
E&G Other	ARUBA	1	0	1
E&G Other	BAHAMAS	6	0	6
E&G Other	CAYMAN ISLANDS	17	0	17
E&G Other	PANAMA	3	0	3
E&G Other	VIRGIN ISLANDS (BR	1	0	1
E&G Other	JORDAN	10	0	10
E&G Other	KUWAIT	120	0	120
E&G Other	SAUDI ARABIA	21	0	21
E&G Other	UNITED ARAB EMIRATES	52	2	54
Grand total		143911	136	144047

135004

252

Required sections=

THIS NEW VEHICLE EXTRACT/DATA REQUEST FORM PROVIDES:

- 1) Standardization of data request
- 2) Data accuracy
- 3) Quicker Turnaround
- 4) Consumption Management - Reduction of IT Cost
- 5) Less email transactions requesting clarification

Requestor Name:	Greg Oswalt	
Requestor CDSID:	goswalt	
Requestor Organization:	Pick-up/Medium Truck & Large SUV	
Request Date:	10/6/2010	
Concern Description:	2005-06 MY F-150 Inadvertent Airbag Deployment	
EPRC #, if applicable:		
Special Request:	e.g., VINs, owner or dealer information, etc. (requires prior approval from Recall Program Managers)	

<b>FSA Coordinator Area</b>	
Form Creation Date: 9/28/2005	
Form Revised Date: blank	
Request # _____	
Revision request(a,b,etc.): _____	
GCamp Global #: _____	
X-number: _____	
FSA Coordinator Name: _____	
Application Used to gather data (X):	
Business Objects: _____	GCampVAQ: _____
GCamp Targeting: _____	GCamp1: _____

		Variants							
e.g., F-250/350/450/550 Taurus/Sable Escape		e.g., XL, XLT Police Livery, Limousine 3Dr, 4Dr, 5Dr SuperCab, CrewCab	"Job 1" returns Pre-Prod units  dd-mmm-yyyy	"Current MY Prod Counts are delayed one week"  dd-mmm-yyyy	All or specific	All or Specific	All, Auto, Man, or Specific	e.g., Emission Codes, Sold Dates, Speed Control, Tire Size, GVW, Wheelbase, Hydraulic or Air Brake, etc.	e.g., USA and Safety Act or North America, etc.  <b>Assigned Responsible Country(s) (if necessary)</b>
Vehicle(s)	Model Year(s)	BodyStyle	Prod Date Begin	Prod Date End	Plant(s)	Engine(s)	Transmission(s)	Other	
F-150	2005-06	All	11/1/2004	6/30/2005	NAP	All	All		All

Insert Additional Rows if needed.

Production Dates By Plant  
Global FSA: 00013911 - AIR BAG- 2005-06 KC AND NORFOLK PLANTS

Plant	MY	Earliest Production Date	Latest Production Date	counts
KANSAS CITY PLANT BUILD	2005	01-Nov-2004	30-Jun-2005	158503
KANSAS CITY PLANT BUILD	2006	11-Apr-2005	02-Jun-2005	77
NORFOLK PLANT BUILD	2005	01-Nov-2004	30-Jun-2005	143911
NORFOLK PLANT BUILD	2006	29-Mar-2005	30-Jun-2005	136
			grand total	302627

Currently Assigned Counts				
ROI	Country	2005 MY	2006 MY	Total
FORD - NORTH AMERICA	UNITED STATES	266918	206	267124
E&G - US FED SAFETY ACT	AMERICAN SAMOA	9	0	9
E&G - US FED SAFETY ACT	GUAM	42	0	42
E&G - US FED SAFETY ACT	NORTHERN MARIANA ISLANDS	1	0	1
E&G - US FED SAFETY ACT	PUERTO RICO	1096	0	1096
E&G - US FED SAFETY ACT	VIRGIN ISLANDS (US	28	0	28
FORD - NORTH AMERICA	CANADA	20182	5	20187
FORD - NORTH AMERICA	MEXICO	12898	0	12898
FORD ASIA PACIFIC & AFRICA	TAIWAN	3	0	3
FORD SOUTH AMERICA	COLOMBIA	1	0	1
FORD SOUTH AMERICA	ECUADOR	11	0	11
FORD SOUTH AMERICA	VENEZUELA	678	0	678
E&G Other	CHILE	185	0	185
E&G Other	AFGHANISTAN	1	0	1
E&G Other	CAMBODIA	4	0	4
E&G Other	ARUBA	14	0	14
E&G Other	BAHAMAS	21	0	21
E&G Other	BARBADOS	2	0	2
E&G Other	CAYMAN ISLANDS	46	0	46
E&G Other	DOMINICAN REPUBLIC	10	0	10
E&G Other	HONDURAS	12	0	12
E&G Other	JAMAICA	2	0	2
E&G Other	NETHERLANDS ANTILLIES	1	0	1
E&G Other	PANAMA	9	0	9
E&G Other	VIRGIN ISLANDS (BR	2	0	2
E&G Other	JORDAN	10	0	10
E&G Other	KUWAIT	132	0	132
E&G Other	SAUDI ARABIA	35	0	35
E&G Other	UNITED ARAB EMIRATES	61	2	63
Grand total		302414	213	302627

---

**From:** Lang, Gary (G.C.)  
**Sent:** Tuesday, October 12, 2010 11:09 AM  
**To:** Oswalt, Greg (G.G.)  
**Cc:** Welch, Sharon (S.L.); Lang, Gary (G.C.)  
**Subject:** FW: 10X11 F150 Air Bag Harness

**Follow Up Flag:** Follow up  
**Flag Status:** Red

The labor time for the airbag jumper harness is 0.5 hr.

**Gary Lang**

Ford Customer Service - Recall  
Phone (313) 24-84791

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**From:** Rivera, Santos (S.)  
**Sent:** Tuesday, October 12, 2010 11:01 AM  
**To:** Lang, Gary (G.C.)  
**Subject:** 10X11 F150 Air Bag Harness

Gary,

Here is the labor time for fix the harness for 10X11

Operation B 0.5 hrs

Santos Rivera  
Service Labor Time Standards  
Ford Consumer Services Group  
Tel 313-84-55122 Fax 313-390-8727  
srivera5@ford.com

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Thank you for your cooperation.

\*\*\*\*\*

---

**From:** Lee.Wilson@vftis.spx.com  
**Sent:** Friday, June 04, 2010 2:17 PM  
**To:** Welch, Sharon (S.L.)  
**Subject:** 10X11 F-150 Airbag Concern

Hi Sharon,

I discussed the hours billed to 10X11 F-150 airbag for week ending 5/30 with Tim Crain. The 3 hours billed were spent building the time study preparing for when the part arrived from engineering. Tim also provided the time study envelope to Bob Roscoe and discussed the procedure with him. This occurred on 5/24/10.

Please let me know if you have any questions.

Regards,  
**Lee Wilson**  
**Project Manager**

SPX Service Solutions  
1555 Fairlane Circle | Allen Park, MI 48101 | USA  
Cube 226J  
T: 313 317 1945  
M: 313 350 3757  
Lee.Wilson@spx.com  
[www.spx.com](http://www.spx.com)



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Please consider the environment before printing this email

---

**From:** Roberts, Michael (M.J.)  
**Sent:** Thursday, October 07, 2010 3:57 PM  
**To:** Oswalt, Greg (G.G.)  
**Cc:** Green, Jeffrey (J.T.); Lang, Gary (G.C.); Welch, Sharon (S.L.)  
**Subject:** 10X11\_Air Bag Targeting Report

**Attachments:** 10X11\_AirBag\_TargetingReport.xls; 2004-06 MY F-150 Inadvertent Airbag Deployment Extract Request\_100610.xls



10X11\_AirBag\_Targ  
etingReport.x...

---

**From:** Oswalt, Greg (G.G.)  
**Sent:** Wednesday, October 06, 2010 8:43 AM  
**To:** Green, Jeffrey (J.T.); Roberts, Michael (M.J.)  
**Cc:** Frommann, Mike (M.W.); Lang, Gary (G.C.)  
**Subject:** Extract Request

Attached is the extract request for 2004-06 MY F-150 Inadvertent Airbag Deployment.  
Let me know if you have any questions.



2004-06 MY F-150  
Inadvertent A...

**Greg Oswalt**  
Critical Concern Manager  
Pick-up/Medium Truck & Large SUV  
PDC - GC-A59, MD 266  
☎ 313-390-1160, Cell Ph. 734-812-9220  
✉ [goswalt@ford.com](mailto:goswalt@ford.com)

*"If you have a weak stomach, you should not watch how sausages are made, or how a bill gets approved in congress"*

Vehicle Count By Country  
Global FSA: 00013808 - AIR BAG INADVERTENT DEPLOYMENT

Country	2004 MY	2005 MY	2006 MY	Total
CANADA	17508	12350	5220	35078
MEXICO	0	0	2	2
UNITED STATES	252029	189054	98254	539337
Europe	4	0	0	4
SouthAmerica	0	11	1	12
E & G Other	517	326	32	875
E & G Safety Act	574	712	311	1597
	270632	202453	103820	576905

Plant	Model Year	Earliest Production Date	Latest Production Date	Total
NORFOLK PLANT BUILD	2004	27-Jan-2003	20-Aug-2004	270632
NORFOLK PLANT BUILD	2005	19-Apr-2004	05-Aug-2005	202453
NORFOLK PLANT BUILD	2006	29-Mar-2005	24-Jan-2006	103820
				576905

**Criteria Grouping(s):**

LAST MODIFIED: 06-OCT-2010 02:41 PM BY MROBER18  
 MODEL YEAR(S): 2004, 2005,2006  
 VEHICLE LINE(S): F150/LINCOLN MARK LT  
 BRAND: = FORD  
 PRODUCTION DATE: J1 and PreProd TO 2006-01-24

Required sections=

THIS NEW VEHICLE EXTRACT/DATA REQUEST FORM PROVIDES:

- 1) Standardization of data request
- 2) Data accuracy
- 3) Quicker Turnaround
- 4) Consumption Management - Reduction of IT Cost
- 5) Less email transactions requesting clarification

Requestor Name:	Greg Oswalt	
Requestor CDSID:	goswalt	
Requestor Organization:	Pick-up/Medium Truck & Large SUV	
Request Date:	10/6/2010	
Concern Description:	2004-06 MY F-150 Inadvertent Airbag Deployment	
EPRC #, if applicable:		
Special Request:	e.g., VINs, owner or dealer information, etc. (requires prior approval from Recall Program Managers)	

<b>FSA Coordinator Area</b>	
Form Creation Date: 9/28/2005	
Form Revised Date: blank	
Request # _____	
Revision request(a,b,etc.): _____	
GCamp Global #: _____	
X-number: _____	
FSA Coordinator Name: _____	
Application Used to gather data (X):	
Business Objects: _____	GCampVAQ: _____
GCamp Targeting: _____	GCamp1: _____

		Variants							
e.g., F-250/350/450/550 Taurus/Sable Escape		e.g., XL, XLT Police Livery, Limousine 3Dr, 4Dr, 5Dr SuperCab, CrewCab	"Job 1" returns Pre-Prod units	"Current MY Prod Counts are delayed one week"	All or specific	All or Specific	All, Auto, Man, or Specific	e.g., Emission Codes, Sold Dates, Speed Control, Tire Size, GVW, Wheelbase, Hydraulic or Air Brake, etc.	e.g., USA and Safety Act or North America, etc.
Vehicle(s)	Model Year(s)	BodyStyle	dd-mmm-yyyy Prod Date Begin	dd-mmm-yyyy Prod Date End	Plant(s)	Engine(s)	Transmission(s)	Other	Assigned Responsible Country(s) (if necessary)
F-150	2004-06	All	Job #1 (2004 MY)	1/24/2006	NAP	All	All		All

Insert Additional Rows if needed.



---

**From:** Kreiger, Erik (E.)  
**Sent:** Thursday, July 01, 2010 11:02 AM  
**To:** Kreiger, Erik (E.)  
**Subject:** 10X15

Kit number 7l3t-14b095-aa

**Erik M. Kreiger**

FSA Parts Specialist & Buyer

313-390-5972

Have you driven a Ford lately?

2010 Fusion-Motor Trends Car Of The Year

---

**From:** Roberts, Michael (M.J.)  
**Sent:** Tuesday, February 15, 2011 9:35 AM  
**To:** Welch, Sharon (S.L.)  
**Cc:** Lang, Gary (G.C.)  
**Subject:** RE: 11S18 mailing....March 4?

Yes...thanks for asking.

---

**From:** Welch, Sharon (S.L.)  
**Sent:** Tuesday, February 15, 2011 9:34 AM  
**To:** Roberts, Michael (M.J.)  
**Cc:** Lang, Gary (G.C.)  
**Subject:** RE: 11S18 mailing....March 4?

Yes. Is this feasible with everything else you have going on?

*Sharon Welch*

Program Manager  
Recall & Service Programs  
DSC II 803  
Phone (313) 33-72791

---

**From:** Roberts, Michael (M.J.)  
**Sent:** Tuesday, February 15, 2011 9:32 AM  
**To:** Welch, Sharon (S.L.)  
**Cc:** Lang, Gary (G.C.)  
**Subject:** 11S18 mailing....March 4?

Hi Sharon,  
I think you are expecting to mail on March 4?  
That means I have to get the file to Renkim by Feb 28.  
Probably would be a good idea for me to get the vins over to Polk today or tomorrow...I will try for today.

Agree with this plan?

*Take care,*  
*Mike Roberts (mrober18)*  
*Ford Motor Company*

Recall & Service Programs *Team*  
Global Campaign (GCamp) Specialist and Lead Coordinator  
Certified 6 Sigma Black Belt  
DSC2\_Cube789\_AllenPark, MI (313) 337-6810

---

**From:** Dave Clair [dclair@renkim.com]  
**Sent:** Monday, February 14, 2011 3:26 PM  
**To:** Kreiger, Erik (E.); Lang, Gary (G.C.)  
**Subject:** RE: 11S18

Erik,

The DOR number for this program is: 50435

Thank you

***Dave Clair***  
Project Administrator  
Renkim Corp.  
dclair@renkim.com  
(734) 374-8346

---

**From:** Kreiger, Erik (E.) [mailto:ekreiger@ford.com]  
**Sent:** Monday, February 14, 2011 3:18 PM  
**To:** Dave Clair; Lang, Gary (G.C.)  
**Subject:** 11S18

Dave.

Can you generate DOR/COR number for this program? Thank you

**Erik M. Kreiger**  
FSA Parts Specialist & Buyer  
313-390-5972  
Ford Explorer NAIAS Truck of the Year  
Have you driven a Ford lately?

---

**From:** Lang, Gary (G.C.)  
**Sent:** Thursday, July 29, 2010 9:46 AM  
**To:** 'Lee.Wilson@spx.com'  
**Cc:** Lang, Gary (G.C.)  
**Subject:** FW: 4L3T-14B095-BA Harness

**Follow Up Flag:** Follow up  
**Due By:** Friday, July 30, 2010 12:00 AM  
**Flag Status:** Blue

Lee, it seems there is a need to continue with the airbag trial. We had a trial with a 2005 F150 and 2006 F150 so far.

We still have to see a 2004 F150 (NOT Heritage) and a 2006 Lincoln Mark LT.

**Gary Lang**

Ford Customer Service - Recall  
Phone (313) 24-84791

---

**From:** Welch, Sharon (S.L.)  
**Sent:** Thursday, July 29, 2010 9:36 AM  
**To:** Prescott, Amanda (A.B.); Lang, Gary (G.C.); Kreiger, Erik (E.); Sutherland, Roy (R.W.); Culkeen, Patrick (P.M.)  
**Subject:** RE: 4L3T-14B095-BA Harness

Gary,  
Go ahead and schedule the trial.

All,  
I would still like to discuss the "difference" between the original part provided to us and the "prototype" part provided. I showed the part to my boss Tom and he agrees that the prototype part is not as "robust" as the original. We just need to understand the difference and why the prototype part is acceptable. We can have this discuss right before the trial or right after the trial if you want.

**Sharon Welch**

Program Manager  
Recall & Service Programs  
DSC II 803  
Phone (313) 33-72791

---

**From:** Prescott, Amanda (A.B.)  
**Sent:** Thursday, July 29, 2010 9:08 AM  
**To:** Lang, Gary (G.C.); Kreiger, Erik (E.); Sutherland, Roy (R.W.); Culkeen, Patrick (P.M.)  
**Cc:** Welch, Sharon (S.L.)  
**Subject:** RE: 4L3T-14B095-BA Harness

Gary,  
I think we would like to setup something sooner, in case we want to make any adjustments to the spot tape location. Roy is working on the release and the current drawings/release has the spot tape in the current location. I had raised a question at the mtg with Erik and the proposed supplier about the location of the spot tape and if that location would cause any challenges with installation. The current location of the spot tape is the same as what was put in production.

Thanks,  
Amanda

---

**From:** Lang, Gary (G.C.)  
**Sent:** Thursday, July 29, 2010 9:05 AM  
**To:** Kreiger, Erik (E.); Sutherland, Roy (R.W.); Culkeen, Patrick (P.M.); Prescott, Amanda (A.B.)  
**Cc:** Lang, Gary (G.C.); Welch, Sharon (S.L.)  
**Subject:** RE: 4L3T-14B095-BA Harness

I do have the air bag jumper sample part Erik is referring to. I welcome the chance to review this sample part with you all. I am holding off on scheduling a repair study due to the timing of this program. Let me know if you would like me to set something up sooner.

**Gary Lang**

Ford Customer Service - Recall  
Phone (313) 24-84791

---

**From:** Kreiger, Erik (E.)  
**Sent:** Thursday, July 29, 2010 7:43 AM  
**To:** Sutherland, Roy (R.W.)  
**Cc:** Lang, Gary (G.C.)  
**Subject:** 4L3T-14B095-BA Harness

Roy.

I gave Gary the sample on Monday and he will set up a time study with that sample. I would stay in contact with him in regards to fit /finish.

Thank you.

**Erik M. Kreiger**

FSA Parts Specialist & Buyer  
313-390-5972

Have you driven a Ford lately?  
2010 Fusion-Motor Trends Car Of The Year

---

**From:** Welch, Sharon (S.L.)  
**Sent:** Thursday, July 29, 2010 10:30 AM  
**To:** Sutherland, Roy (R.W.); Prescott, Amanda (A.B.); Lang, Gary (G.C.); Kreiger, Erik (E.); Culkeen, Patrick (P.M.)  
**Cc:** Klosek, Walter (W.)  
**Subject:** RE: 4L3T-14B095-BA Harness

Roy and I spoke, I am comfortable now.

*Sharon Welch*

Program Manager  
Recall & Service Programs  
DSC II 803  
Phone (313) 33-72791

---

**From:** Sutherland, Roy (R.W.)  
**Sent:** Thursday, July 29, 2010 10:03 AM  
**To:** Welch, Sharon (S.L.); Prescott, Amanda (A.B.); Lang, Gary (G.C.); Kreiger, Erik (E.); Culkeen, Patrick (P.M.)  
**Cc:** Klosek, Walter (W.)  
**Subject:** RE: 4L3T-14B095-BA Harness

To all,

Please clarify why you feel this is not as robust. Please be specific. The sleeve selected is released in the Ford system and has been recommend by the EDS specialist who are the experts. I have been told the sleeve meets the same requirements as what was done in production with the yellow sleeve. The yellow sleeve used in production does not have a Ford part number and the Ford system prevents me from using it for the service harness and therefore it cannot be used. If it is the direction from the team to use the yellow sleeve, please let me know now so I can stop the CR from moving forward and I will begin the process of getting the yellow sleeve released in Ford. I do not know how long it will take since I do not handle the release of sleeve material.

Regards,

**Roy Sutherland Jr.**

Ford Core Clockspring, Steering Wheel Switch,  
Global Door Lock/Memory Set & Headlamp Switch D&R Engineer  
Email: rsutherl@ford.com  
Phone: 313-805-6905  
Bldg#5, Cube 1D009

---

**From:** Welch, Sharon (S.L.)  
**Sent:** Thursday, July 29, 2010 9:36 AM  
**To:** Prescott, Amanda (A.B.); Lang, Gary (G.C.); Kreiger, Erik (E.); Sutherland, Roy (R.W.); Culkeen, Patrick (P.M.)  
**Subject:** RE: 4L3T-14B095-BA Harness

Gary,  
Go ahead and schedule the trial.

All,  
I would still like to discuss the "difference" between the original part provided to us and the "prototype" part provided. I showed the part to my boss Tom and he agrees that the prototype part is not as "robust" as the original. We just need to

understand the difference and why the prototype part is acceptable. We can have this discuss right before the trial or right after the trial if you want.

## *Sharon Welch*

Program Manager  
Recall & Service Programs  
DSC II 803  
Phone (313) 33-72791

---

**From:** Prescott, Amanda (A.B.)  
**Sent:** Thursday, July 29, 2010 9:08 AM  
**To:** Lang, Gary (G.C.); Kreiger, Erik (E.); Sutherland, Roy (R.W.); Culkeen, Patrick (P.M.)  
**Cc:** Welch, Sharon (S.L.)  
**Subject:** RE: 4L3T-14B095-BA Harness

Gary,  
I think we would like to setup something sooner, in case we want to make any adjustments to the spot tape location. Roy is working on the release and the current drawings/release has the spot tape in the current location. I had raised a question at the mtg with Erik and the proposed supplier about the location of the spot tape and if that location would cause any challenges with installation. The current location of the spot tape is the same as what was put in production.

Thanks,  
Amanda

---

**From:** Lang, Gary (G.C.)  
**Sent:** Thursday, July 29, 2010 9:05 AM  
**To:** Kreiger, Erik (E.); Sutherland, Roy (R.W.); Culkeen, Patrick (P.M.); Prescott, Amanda (A.B.)  
**Cc:** Lang, Gary (G.C.); Welch, Sharon (S.L.)  
**Subject:** RE: 4L3T-14B095-BA Harness

I do have the air bag jumper sample part Erik is referring to. I welcome the chance to review this sample part with you all. I am holding off on scheduling a repair study due to the timing of this program. Let me know if you would like me to set something up sooner.

## *Gary Lang*

Ford Customer Service - Recall  
Phone (313) 24-84791

---

**From:** Kreiger, Erik (E.)  
**Sent:** Thursday, July 29, 2010 7:43 AM  
**To:** Sutherland, Roy (R.W.)  
**Cc:** Lang, Gary (G.C.)  
**Subject:** 4L3T-14B095-BA Harness

Roy.

I gave Gary the sample on Monday and he will set up a time study with that sample. I would stay in contact with him in regards to fit /finish.

Thank you.

## *Erik M. Kreiger*

FSA Parts Specialist & Buyer

313-390-5972

Have you driven a Ford lately?

2010 Fusion-Motor Trends Car Of The Year



---

**From:** Jileen R. Kessler [jkessler@hlgllc.com]  
**Sent:** Monday, December 13, 2010 2:17 PM  
**To:** Kreiger, Erik (E.)  
**Cc:** Kaercher, Donald (D.)  
**Subject:** 4L3Z14B095A WIRE JUMPER HARNESS  
**Importance:** High

Hello Erik,

Per the conversation on Friday....can HLM start the process to PPAP and package the wire jumper harness kit?

Regards,  
Jil Kessler  
Material Planner/Buyer  
Hollingsworth Logistics (Q9XYL)  
P) 313-768-1280  
F) 734-468-0224  
E) [jkessler@hlgllc.com](mailto:jkessler@hlgllc.com)

---

**From:** Prescott, Amanda (A.B.)  
**Sent:** Wednesday, July 28, 2010 1:50 PM  
**To:** Chascsa, Jim (JRCII.)  
**Cc:** Culkeen, Patrick (P.M.)  
**Subject:** Additional Nhtsa Questions

Jim,

Please provide responses to the following additional questions, we'll see you Monday. If you have questions, need clarification or need anything else, let me know.

- 1) Provide a chart or other data showing voltage versus time (wave form) at the airbag module leads (primary and secondary) that occurs during a single stage crash deployment of the primary airbag (only) and is subsequently followed by a 'duding' deployment command of the secondary airbag.
- 2) Provide a chart or other data showing voltage versus time (wave form) at the airbag module leads (primary and secondary) for a typical dual stage crash deployment of the primary airbag and the secondary airbag, and additionally describe the range of timing delays, if any, that can occur between the primary and secondary deployment signals due to the normal and expected variations that occur in crashes.

Thanks,

Amanda

Amanda Prescott  
Automotive Safety Office  
Senior Research Engineer  
313-845-7295  
Fairlane Plaza South-Suite 500

---

**From:** Prescott, Amanda (A.B.)  
**Sent:** Wednesday, July 28, 2010 2:34 PM  
**To:** Philip, Abraham (A.G.)  
**Cc:** Tippy, David (D.J.); Culkeen, Patrick (P.M.)  
**Subject:** Additional questions from NHTSA

Abe and Dave,

We received today, two additional questions from nhtsa in relation to the investigation of 2004-2006 MY F-150 driver airbag inadvertent deployment. If you have any questions or need clarification please give me a call. I need answers by Monday as we have a meeting with the agency Tuesday/Wednesday. If Monday is untenable, let me know and I can put them off on these items for a few days.

Thanks!

- 1) Provide a chart or other data showing voltage versus time (wave form) at the airbag module leads (primary and secondary) that occurs during a single stage crash deployment of the primary airbag (only) and is subsequently followed by a 'duding' deployment command of the secondary airbag.
- 2) Provide a chart or other data showing voltage versus time (wave form) at the airbag module leads (primary and secondary) for a typical dual stage crash deployment of the primary airbag and the secondary airbag, and additionally describe the range of timing delays, if any, that can occur between the primary and secondary deployment signals due to the normal and expected variations that occur in crashes.

Amanda Prescott  
Automotive Safety Office  
Senior Research Engineer  
313-845-7295  
Fairlane Plaza South-Suite 500

---

**From:** Lang, Gary (G.C.)  
**Sent:** Thursday, January 13, 2011 10:35 AM  
**To:** Humphries, Glenn (G.L.)  
**Cc:** Culkeen, Patrick (P.M.); Welch, Sharon (S.L.)  
**Subject:** RE: Air Bag Jumper Draft  
**Signed By:** glang4@ford.com

I am a little concerned. PS&L is building a stock of Jumpers in preparation of this program. Are they releasing the part for service?

**Gary Lang**

Ford Customer Service - Recall

Phone (313) 24-84791

---

**From:** Humphries, Glenn (G.L.)  
**Sent:** Thursday, January 13, 2011 10:23 AM  
**To:** Lang, Gary (G.C.)  
**Subject:** RE: Air Bag Jumper Draft

Gary - can you get me the file of the artwork used on the sketch?

Thanks.  
Sincerely,  
Glenn Humphries  
F-150 FCSD PVT Program Manager  
Dearborn Truck Plant  
ghumphri@ford.com  
313-39-07715  
313-732-7247

---

**From:** Lang, Gary (G.C.)  
**Sent:** Thursday, January 13, 2011 10:18 AM  
**To:** Humphries, Glenn (G.L.)  
**Cc:** Culkeen, Patrick (P.M.)  
**Subject:** Air Bag Jumper Draft

Here is a **DRAFT** for the air bag jumper replacement instructions. Santos provided me a labor time of 0.5 hrs.

<< File: F150 Air Bag Clock spring\_DRAFT2.pdf >>

**Gary Lang**

Ford Customer Service - Recall

Phone (313) 24-84791

DSC II rm 795

1800 Fairlane Dr

Allen Park, MI 48101

---

**From:** Kreiger, Erik (E.)  
**Sent:** Monday, May 03, 2010 12:51 PM  
**To:** Culkeen, Patrick (P.M.)  
**Subject:** Airbag.doc

**Attachments:** Airbag.doc



Airbag.doc

**Vehicle lines include:**

**F-150**  
**Expl/Mntr**  
**Aviator**  
**Mark LT**  
**Sport Trac**

**\*Usage will not allow me to separate Sport Trac vs. Explorer. They use the same air bags.**

2L3Z-15043B13-AAA(SERVICE)      2L3A 15043B13 AABJQ0(ENGINEERING)

SUPPLIER INFORMATION:

Supplier: R7YA TRW SAFETY SYSTEMS  
Contact: PAOLA CASTILLO \_\_\_\_\_  
Phone: 52-614-158-5252  
Street: 3201 AVENIDA JUAN ESCUTIA  
City: CHIHUAHUA  
State CH Zip: 31125 Country: MX

**SALES:**

**MONTH YEAR    Quantity**

YEAR	Quantity
----	-----
2010	103
2009	321
2008	455
2007	661
2006	794
2005	961
2004	1074
2003	965
2002	575

ENG PART:    2L3A 15043B13 AABJQ0\_\_\_\_\_    ORIGIN: WERS    REGION: N    USG STAT:

—  
Eng Name: MOD ASY-DRVR A/BAG RESTNT                      PT: \_                      PTO: \_\_\_\_\_                      VL:

—  
Svc Part:    2L3Z-15043B13-AAA                      Replaces: Y    Is Replcd: N    USG IND:

—  
In Out

Yr	Yr	Feature Descriptions	Feature Descriptions
02		EXPEDITION	MED PARCHMENT
02		EXPEDITION	LESS SPECIAL VALUE PACKAGES
		MED PARCHMENT	
02	02	F-SERIES UNDER 8500 GVW	AIR BAG RESTRAINT-DRIVER
02	02	F-SERIES UNDER 8500 GVW	XLT VERSION
		LESS VERSION PACKAGES	LARIAT VERSION PACK
		KING RANCH VERSION PACKAGE	LESS EXT APPEARANCE PACK
		AIR BAG RESTRAINT-DRIVER	MED PARCHMENT
97	03	F-SERIES UNDER 8500 GVW	LESS VERSION PACKAGES
		LARIAT VERSION PACK	KING RANCH VERSION PACKAGE
		TOTAL PERFORMANCE PACKAGE	AIR BAG RESTRAINT-DRIVER
		MED PARCHMENT	
03	03	F-SERIES UNDER 8500 GVW	XLT VERSION
		LESS VERSION PACKAGES	LARIAT VERSION PACK
		KING RANCH VERSION PACKAGE	LESS EXT APPEARANCE PACK
		XLT APPEARANCE PACKAGE	AIR BAG RESTRAINT-DRIVER
		MED PARCHMENT	
03	04	F-SERIES UNDER 8500 GVW	XLT VERSION
		LESS VERSION PACKAGES	LESS EXT APPEARANCE PACK
		XLT APPEARANCE PACKAGE	AIR BAG RESTRAINT-DRIVER

In	Out		
Yr	Yr	Feature Descriptions	Feature Descriptions
		MED PARCHMENT	
10		F-SERIES OVER 8500 GVW	AIR BAG RESTRAINT-DRIVER
02	02	F-SERIES OVER 8500 GVW	LARIAT VERSION
		AIR BAG RESTRAINT-DRIVER	MED PARCHMENT
10		F-SERIES OVER 8500 GVW	XL VERSION
10		F-SERIES OVER 8500 GVW	XL VERSION
		XLT VERSION	AIR BAG RESTRAINT-DRIVER
		MED PARCHMENT	
02	05	EXCURSION	AIR BAG RESTRAINT-DRIVER
		MED PARCHMENT	

**XL3Z-15043B13-AAB(SERVICE)    XL3A 15043B13 ACBJEZ(ENGINEERING)**

SUPPLIER INFORMATION:

**SAME AS ABOVE**

**SALES:**

2010	170
2009	533
2008	773
2007	1234
2006	1566
2005	1974
2004	2380
2003	2815
2002	2978

In	Out		
Yr	Yr	Feature Descriptions	Feature Descriptions
		02 EXPEDITION	MED PARCHMENT
00	02	EXPEDITION	LESS SPECIAL VALUE PACKAGES
		MED PARCHMENT	
		99 F-SERIES UNDER 8500 GVW	AIR BAG RESTRAINT-DRIVER
01	08	F-SERIES UNDER 8500 GVW	AIR BAG RESTRAINT-DRIVER
		MED PARCHMENT	
01	02	F-SERIES UNDER 8500 GVW	LARIAT VERSION PACK
		KING RANCH VERSION PACKAGE	AIR BAG RESTRAINT-DRIVER
		02 F-SERIES UNDER 8500 GVW	LESS VERSION PACKAGES
		LARIAT VERSION PACK	KING RANCH VERSION PACKAGE
		TOTAL PERFORMANCE PACKAGE	AIR BAG RESTRAINT-DRIVER
		MED PARCHMENT	
		99 F-SERIES OVER 8500 GVW	AIR BAG RESTRAINT-DRIVER
00	10	F-SERIES OVER 8500 GVW	LARIAT VERSION
		AIR BAG RESTRAINT-DRIVER	
		02 F-SERIES OVER 8500 GVW	LARIAT VERSION
		AIR BAG RESTRAINT-DRIVER	MED PARCHMENT

**2L3Z-15043B13-AAC(SERVICE)      5C34 25043B13 BB32N4ENGINEERING)**

SUPPLIER INFORMATION:

SAME AS ABOVE

**SALES:**

YEAR	Quantity	Replaced Part Number	Message
------	----------	----------------------	---------

2010	19		
2009	65		
2008	82		
2007	135		
2006	232		
2005	213		
2004	222		
2003	183		
2002	53		

In Out

Yr Yr Feature Descriptions

Feature Descriptions

05	10	F-SERIES OVER 8500 GVW	AIR BAG RESTRAINT-DRIVER
	02	EXPEDITION	MED PARCHMENT
	02	EXPEDITION	LESS SPECIAL VALUE PACKAGES
		MED PARCHMENT	
02	02	F-SERIES UNDER 8500 GVW	AIR BAG RESTRAINT-DRIVER
02	02	F-SERIES UNDER 8500 GVW	XLT VERSION
		LESS VERSION PACKAGES	LARIAT VERSION PACK
		KING RANCH VERSION PACKAGE	LESS EXT APPEARANCE PACK
		AIR BAG RESTRAINT-DRIVER	MED PARCHMENT
02	02	F-SERIES UNDER 8500 GVW	LESS VERSION PACKAGES
		LARIAT VERSION PACK	KING RANCH VERSION PACKAGE
		TOTAL PERFORMANCE PACKAGE	AIR BAG RESTRAINT-DRIVER
		MED PARCHMENT	
	10	F-SERIES OVER 8500 GVW	AIR BAG RESTRAINT-DRIVER
02	02	F-SERIES OVER 8500 GVW	LARIAT VERSION
		AIR BAG RESTRAINT-DRIVER	MED PARCHMENT
	10	F-SERIES OVER 8500 GVW	XL VERSION
		XLT VERSION	AIR BAG RESTRAINT-DRIVER
		MED PARCHMENT	
02	04	F-SERIES OVER 8500 GVW	LARIAT VERSION
		AIR BAG RESTRAINT-DRIVER	MEDIUM FLINT INTERIOR
	05	EXCURSION	AIR BAG RESTRAINT-DRIVER
02	05	EXCURSION	AIR BAG RESTRAINT-DRIVER
		MED PARCHMENT	
02	05	EXCURSION	AIR BAG RESTRAINT-DRIVER
		MEDIUM FLINT INTERIOR	

**2L3Z-15043B13-AAB(SERVICE)      2L3A 15043B13 AAJAGT(ENGINEERING)**

SUPPLIER INFORMATION:



SAME AS ABOVE

YEAR	Quantity
----	-----
2010	504
2009	1926
2008	2984
2007	4367
2006	4715
2005	2680
2004	2768
2003	2231
2002	967

In	Out	Yr	Yr	Feature Descriptions	Feature Descriptions
-	-	-	-	-----	-----
02	02			EXPEDITION	SPECIAL SERVICES EQUIPMENT
	02			EXPEDITION	MED PARCHMENT
	02			EXPEDITION	LESS SPECIAL VALUE PACKAGES
				MED PARCHMENT	
02	02			ECONOLINE	AIR BAG RESTRAINT-DRIVER
02	02			F-SERIES UNDER 8500 GVW	AIR BAG RESTRAINT-DRIVER
03	03			F-SERIES UNDER 8500 GVW	HARLEY DAVIDSON VERSION PACK
	02			F-SERIES UNDER 8500 GVW	TOTAL PERFORMANCE PACKAGE
				AIR BAG RESTRAINT-DRIVER	
	02			F-SERIES UNDER 8500 GVW	HARLEY DAVIDSON VERSION PACK
				AIR BAG RESTRAINT-DRIVER	
	02			F-SERIES UNDER 8500 GVW	HARLEY DAVIDSON VERSION PACK
				LESS DRIVER AIR BAG RESTRAINT	
02	02			F-SERIES UNDER 8500 GVW	XLT VERSION
				LESS VERSION PACKAGES	LARIAT VERSION PACK
				KING RANCH VERSION PACKAGE	LESS EXT APPEARANCE PACK
				AIR BAG RESTRAINT-DRIVER	MED PARCHMENT
02	02			F-SERIES UNDER 8500 GVW	XL VERSION
				LESS EXT APPEARANCE PACK	AIR BAG RESTRAINT-DRIVER
02	03			F-SERIES UNDER 8500 GVW	EXTERIOR APPEARANCE - LEVEL 1
				EXTERIOR APPEARANCE - LEVEL 2	AIR BAG RESTRAINT-DRIVER
02	02			F-SERIES UNDER 8500 GVW	LESS VERSION PACKAGES
				LARIAT VERSION PACK	KING RANCH VERSION PACKAGE
				TOTAL PERFORMANCE PACKAGE	AIR BAG RESTRAINT-DRIVER
97	03			F-SERIES UNDER 8500 GVW	LESS VERSION PACKAGES
				HARLEY DAVIDSON VERSION PACK	LARIAT VERSION PACK
				KING RANCH VERSION PACKAGE	AIR BAG RESTRAINT-DRIVER
03	04			F-SERIES UNDER 8500 GVW	XL VERSION
				LESS EXT APPEARANCE PACK	XLT APPEARANCE PACKAGE
				AIR BAG RESTRAINT-DRIVER	
	10			F-SERIES OVER 8500 GVW	AIR BAG RESTRAINT-DRIVER
	10			F-SERIES OVER 8500 GVW	LARIAT VERSION
				AIR BAG RESTRAINT-DRIVER	
	02			F-SERIES OVER 8500 GVW	XL VERSION
				XLT VERSION	AIR BAG RESTRAINT-DRIVER
02	02			F-SERIES OVER 8500 GVW	LARIAT VERSION
				AIR BAG RESTRAINT-DRIVER	MED PARCHMENT
	10			F-SERIES OVER 8500 GVW	XL VERSION
				XLT VERSION	AIR BAG RESTRAINT-DRIVER
				MED PARCHMENT	
	02			F-SERIES OVER 8500 GVW	XL VERSION
				XLT VERSION	AIR BAG RESTRAINT-DRIVER
				MED PARCHMENT	MEDIUM FLINT INTERIOR

02 05 EXCURSION  
MED PARCHMENT

AIR BAG RESTRAINT-DRIVER

**2L3Z-15043B13-AAE(SERVICE)      2L3A 15043B13 AAZUWB(ENGINEERING)**

SUPPLIER INFORMATION:

SAME AS ABOVE

YEAR	Quantity
----	-----
2010	161
2009	458
2008	647
2007	884
2006	1055
2005	1468
2004	1731
2003	1518
2002	815

In	Out		
Yr	Yr	Feature Descriptions	Feature Descriptions
---	---	-----	-----
	02	EXPEDITION	MED PARCHMENT
	02	EXPEDITION	DK GRAPHITE
		MED GRAPHITE	
02	02	EXPEDITION	LESS SPECIAL VALUE PACKAGES
		DK GRAPHITE	MED GRAPHITE
	02	EXPEDITION	LESS SPECIAL VALUE PACKAGES
		MED PARCHMENT	
02	02	F-SERIES UNDER 8500 GVW	AIR BAG RESTRAINT-DRIVER
	02	F-SERIES UNDER 8500 GVW	AIR BAG RESTRAINT-DRIVER
		DK GRAPHITE	
02	02	F-SERIES UNDER 8500 GVW	XLT VERSION
		LESS VERSION PACKAGES	LARIAT VERSION PACK
		KING RANCH VERSION PACKAGE	LESS EXT APPEARANCE PACK
		AIR BAG RESTRAINT-DRIVER	MED PARCHMENT
97	03	F-SERIES UNDER 8500 GVW	XLT VERSION
		LESS VERSION PACKAGES	LARIAT VERSION PACK
		LESS EXT APPEARANCE PACK	AIR BAG RESTRAINT-DRIVER
		DK GRAPHITE	MED GRAPHITE
02	02	F-SERIES UNDER 8500 GVW	LESS VERSION PACKAGES
		LARIAT VERSION PACK	KING RANCH VERSION PACKAGE
		TOTAL PERFORMANCE PACKAGE	AIR BAG RESTRAINT-DRIVER
		MED PARCHMENT	
97	03	F-SERIES UNDER 8500 GVW	LESS VERSION PACKAGES
		LARIAT VERSION PACK	KING RANCH VERSION PACKAGE
		TOTAL PERFORMANCE PACKAGE	AIR BAG RESTRAINT-DRIVER
		MED GRAPHITE	
03	03	F-SERIES UNDER 8500 GVW	XLT VERSION
		LESS VERSION PACKAGES	LARIAT VERSION PACK
		LESS EXT APPEARANCE PACK	XLT APPEARANCE PACKAGE
		AIR BAG RESTRAINT-DRIVER	DK GRAPHITE
		MED GRAPHITE	
03	04	F-SERIES UNDER 8500 GVW	XLT VERSION
		LESS VERSION PACKAGES	LESS EXT APPEARANCE PACK

	XLT APPEARANCE PACKAGE	AIR BAG RESTRAINT-DRIVER
	DK GRAPHITE	MED GRAPHITE
10	F-SERIES OVER 8500 GVW	AIR BAG RESTRAINT-DRIVER
02 02	F-SERIES OVER 8500 GVW	LARIAT VERSION
	AIR BAG RESTRAINT-DRIVER	MED PARCHMENT
10	F-SERIES OVER 8500 GVW	XL VERSION
	XLT VERSION	AIR BAG RESTRAINT-DRIVER
	MED PARCHMENT	
02 05	EXCURSION	AIR BAG RESTRAINT-DRIVER
	MED PARCHMENT	

**4L3Z-15043B13-CAC(SERVICE)      5L34 15043B13 CD3JA6(ENGINEERING)**

**SUPPLIER INFORMATION:**

**SAME AS ABOVE**

YEAR	Quantity
----	-----
2010	0
2009	0
2008	0
2007	0
2006	109
2005	194
2004	212
2003	0

In	Out	Feature Descriptions	Feature Descriptions
Yr	Yr	-----	-----
04	05	F150/LINCOLN MARK LT EBONY	LARIAT/LUXURY VERSION-LT. TRK
04	06	F150/LINCOLN MARK LT STX/WANT IMAGE	XL/WORKHORSE FX 4/IMAGE AND POWER OFF ROAD
05	06	F150/LINCOLN MARK LT LARIAT/LUXURY VERSION-LT. TRK	150 SERIES EBONY

**4L3Z-15043B13-CAA(SERVICE)      5L34 15043B13 CD32NC(ENGINEERING)**

**SUPPLIER INFORMATION:**

**SAME AS ABOVE**

YEAR	Quantity
----	-----
2006	0
2005	201
2004	25
2003	0

In	Out	Feature Descriptions	Feature Descriptions
Yr	Yr	-----	-----
04	06	F150/LINCOLN MARK LT MEDIUM FLINT	XLT/FAMILY CARRIER

**4L3Z-15043B13-CAB(SERVICE)      5L34 15043B13 CD33TC(ENGINEERING)**

**SUPPLIER INFORMATION:**

**SAME AS ABOVE**

YEAR	Quantity
----	-----
2007	0
2006	74
2005	395
2004	367
2003	14

In	Out	Feature Descriptions	Feature Descriptions
Yr	Yr	-----	-----
04	05	F150/LINCOLN MARK LT XLT/FAMILY CARRIER	LARIAT/LUXURY VERSION-LT. TRK MEDIUM PEBBLE
05	06	F150/LINCOLN MARK LT LARIAT/LUXURY VERSION-LT. TRK MEDIUM PEBBLE	150 SERIES XLT/FAMILY CARRIER

**2L2Z-78043B13-AAA(SERVICE)      4L24 78043B13 AA3BJ4(ENGINEERING)**

**SUPPLIER INFORMATION:**

**SAME AS ABOVE**

YEAR	Quantity
----	-----
2006	0
2005	7
2004	245
2003	292
2002	70

In	Out	Feature Descriptions	Feature Descriptions
Yr	Yr	-----	-----
03	04	EXPLORER/MOUNTAINEER EDDIE BAUER VERSION MED DK PARCHMENT	FORD SERIES LIMITED VERSION
02	02	EXPLORER/MOUNTAINEER EDDIE BAUER VERSION 2002 1/2 JOB #1 PROGRAM CONTRL	FORD SERIES LIMITED VERSION MED DK PARCHMENT

**2L2Z-78043B13-AAC(SERVICE)      4L24 78043B13 AA3JA6(ENGINEERING)**

**SUPPLIER INFORMATION:**

**SAME AS ABOVE**

YEAR	Quantity
----	-----
2005	0
2004	1023
2003	1195

2002 329

In	Out	Feature Descriptions	Feature Descriptions
Yr	Yr		
03	04	EXPLORER/MOUNTAINEER	FORD SERIES
		XLT VERSION	XLS VERSION
02	02	EXPLORER/MOUNTAINEER	FORD SERIES
		XLT VERSION	XLS VERSION
		2002 1/2 JOB #1 PROGRAM CONTRL	
02	02	EXPLORER/MOUNTAINEER	FORD SERIES
		EDDIE BAUER VERSION	LIMITED VERSION
		2002 1/2 JOB #1 PROGRAM CONTRL	MIDNIGHT BLACK
03	05	EXPLORER/MOUNTAINEER	FORD SERIES
		LIMITED VERSION	MIDNIGHT BLACK

**4L2Z-78043B13-AAA(SERVICE) 5L24 78043B13 AB3BJ4(ENGINEERING)**

SUPPLIER INFORMATION:

SAME AS ABOVE

YEAR	Quantity
----	-----
2010	15
2009	83
2008	135
2007	181
2006	223
2005	298
2004	364
2003	292
2002	70

In	Out	Feature Descriptions	Feature Descriptions
Yr	Yr		
04	05	EXPLORER/MOUNTAINEER	FORD SERIES
		EDDIE BAUER VERSION	LIMITED VERSION
		MED DK PARCHMENT	

**4L2Z-78043B13-AAB(SERVICE) 5L24 78043B13 AB3JA6(ENGINEERING)**

SUPPLIER INFORMATION:

SAME AS ABOVE

YEAR	Quantity
----	-----
2010	65
2009	272
2008	513
2007	907
2006	1214
2005	1606
2004	1723
2003	1195
2002	329

In	Out		
Yr	Yr	Feature Descriptions	Feature Descriptions
03	05	EXPLORER/MOUNTAINEER	FORD SERIES
		XLT VERSION	XLS VERSION
02	02	EXPLORER/MOUNTAINEER	FORD SERIES
		XLT VERSION	XLS VERSION
		2002 1/2 JOB #1 PROGRAM CONTRL	
02	02	EXPLORER/MOUNTAINEER	FORD SERIES
		EDDIE BAUER VERSION	LIMITED VERSION
		2002 1/2 JOB #1 PROGRAM CONTRL	MIDNIGHT BLACK
03	05	EXPLORER/MOUNTAINEER	FORD SERIES
		LIMITED VERSION	MIDNIGHT BLACK

**4L2Z-78043B13-BAA(SERVICE) 5L24 78043B13 BB3BJ4(ENGINEERING)**

SUPPLIER INFORMATION:

SAME AS ABOVE

YEAR	Quantity
2010	7
2009	41
2008	39
2007	73
2006	108
2005	152
2004	158
2003	110
2002	45

In	Out		
Yr	Yr	Feature Descriptions	Feature Descriptions
03		EXPLORER/MOUNTAINEER	LINCOLN/MERCURY SERIES
		MED DK PARCHMENT	
02	02	EXPLORER/MOUNTAINEER	LINCOLN/MERCURY SERIES
		2002 1/2 JOB #1 PROGRAM CONTRL	REDUNDANT CTL -STEER WH
		MED DK PARCHMENT	
03	05	EXPLORER/MOUNTAINEER	LINCOLN/MERCURY SERIES
		REDUNDANT CTL -STEER WHL	MED DK PARCHMENT

**4L2Z-78043B13-BAB(SERVICE) 5L24 78043B13 BB3JA6(ENGINEERING)**

SUPPLIER INFORMATION:

SAME AS ABOVE

YEAR	Quantity
2010	12
2009	39
2008	79
2007	102
2006	162
2005	173
2004	225

2003	155
2002	52

In	Out	Feature Descriptions	Feature Descriptions
Yr	Yr		
03	05	EXPLORER/MOUNTAINEER LESS REDUNDANT CTL -STEER WHL	LINCOLN/MERCURY SERIES
04	05	EXPLORER/MOUNTAINEER REDUNDANT CTL -STEER WHL	LINCOLN/MERCURY SERIES MIDNIGHT BLACK
	03	EXPLORER/MOUNTAINEER DK GRAPHITE	LINCOLN/MERCURY SERIES
03	04	EXPLORER/MOUNTAINEER REDUNDANT CTL -STEER WHL	LINCOLN/MERCURY SERIES DK GRAPHITE
02	02	EXPLORER/MOUNTAINEER 2002 1/2 JOB #1 PROGRAM CONTRL	LINCOLN/MERCURY SERIES LESS REDUNDANT CTL -STEER WHL
02	02	EXPLORER/MOUNTAINEER 2002 1/2 JOB #1 PROGRAM CONTRL DK GRAPHITE	LINCOLN/MERCURY SERIES REDUNDANT CTL -STEER WHL

**6L2Z-78043B13-AA(SERVICE)      6L24 78043B13 AK31T3(ENGINEERING)**

SUPPLIER INFORMATION:

SAME AS ABOVE

YEAR	Quantity
2008	0
2007	4
2006	219
2005	24
2004	0

In	Out	Feature Descriptions	Feature Descriptions
Yr	Yr		
07	07	EXPLORER SPORT TRAC	MEDIUM LT STONE
06	06	EXPLORER/MOUNTAINEER MEDIUM LT STONE	FORD SERIES

**6L2Z-78043B13-AB(SERVICE)      9L24 78043B13 AA34T1(ENGINEERING)**

SUPPLIER INFORMATION:

SAME AS ABOVE

YEAR	Quantity
2010	107
2009	394
2008	439
2007	513
2006	413
2005	29
2004	0

In	Out		
Yr	Yr	Feature Descriptions	Feature Descriptions
		EXPLORER SPORT TRAC	
07	07	EXPLORER SPORT TRAC	CAMEL
		EXPLORER/MOUNTAINEER	FORD SERIES
06	06	EXPLORER/MOUNTAINEER	FORD SERIES
		CAMEL	

**6L2Z-78043B13-AC(SERVICE)**

**6L24 78043B13 AK35B8(ENGINEERING)**

SUPPLIER INFORMATION:

SAME AS ABOVE

YEAR	Quantity
2007	0
2006	42
2005	7
2004	0

In	Out		
Yr	Yr	Feature Descriptions	Feature Descriptions
07	07	EXPLORER SPORT TRAC	CHARCOAL BLACK
06	06	EXPLORER/MOUNTAINEER	FORD SERIES
		CHARCOAL BLACK	

**7L2Z-78043B13-AA(SERVICE)**

**9L24 78043B13 AA31T3(ENGINEERING)**

SUPPLIER INFORMATION:

SAME AS ABOVE

YEAR	Quantity
2008	553
2007	557
2006	305
2005	24

In	Out		
Yr	Yr	Feature Descriptions	Feature Descriptions
09		EXPLORER SPORT TRAC	
07	07	EXPLORER SPORT TRAC	MEDIUM LT STONE
09		EXPLORER/MOUNTAINEER	FORD SERIES
06	07	EXPLORER/MOUNTAINEER	FORD SERIES
		MEDIUM LT STONE	

**7L2Z-78043B13-AB(SERVICE)**

**9L24 78043B13 AA34T3(ENGINEERING)**

SUPPLIER INFORMATION:

SAME AS ABOVE



YEAR	Quantity
----	-----
2008	508
2007	290
2006	93
2005	0

In	Out		
Yr	Yr	Feature Descriptions	Feature Descriptions
--	--	-----	-----
09		EXPLORER SPORT TRAC	
07		EXPLORER SPORT TRAC	CAMEL
07		EXPLORER SPORT TRAC	XLT VERSION
		LIMITED VERSION	CAMEL
09		EXPLORER/MOUNTAINEER	FORD SERIES
06		EXPLORER/MOUNTAINEER	FORD SERIES
		CAMEL	

**7L2Z-78043B13-AC(SERVICE)      9L24 78043B13 AA35B8(ENGINEERING)**

SUPPLIER INFORMATION:

SAME AS ABOVE

YEAR	Quantity
----	-----
2010	153
2009	458
2008	311
2007	141
2006	73
2005	7
2004	0

In	Out		
Yr	Yr	Feature Descriptions	Feature Descriptions
--	--	-----	-----
09		EXPLORER SPORT TRAC	
07		EXPLORER SPORT TRAC	CHARCOAL BLACK
09		EXPLORER/MOUNTAINEER	FORD SERIES
06		EXPLORER/MOUNTAINEER	FORD SERIES
		CHARCOAL BLACK	

**2L2Z-78043B13-BAA(SERVICE)      4L24 78043B13 BA3BJ4(ENGINEERING)**

SUPPLIER INFORMATION:

SAME AS ABOVE

YEAR	Quantity
----	-----
2010	0
2009	0
2008	0
2007	0
2006	0
2005	27

2004	121
2003	110
2002	45
2001	5

In	Out		
Yr	Yr	Feature Descriptions	Feature Descriptions
03	02	EXPLORER/MOUNTAINEER MED DK PARCHMENT	LINCOLN/MERCURY SERIES
02	02	EXPLORER/MOUNTAINEER 2002 1/2 JOB #1 PROGRAM CONTRL MED DK PARCHMENT	LINCOLN/MERCURY SERIES REDUNDANT CTL -STEER WHL
03	04	EXPLORER/MOUNTAINEER REDUNDANT CTL -STEER WHL	LINCOLN/MERCURY SERIES MED DK PARCHMENT

**2L2Z-78043B13-BAC(SERVICE)      4L24 78043B13 BA3JA6(ENGINEERING)**

SUPPLIER INFORMATION:

SAME AS ABOVE

YEAR	Quantity
2010	0
2009	0
2008	0
2007	0
2006	0
2005	41
2004	153
2003	155
2002	52

In	Out		
Yr	Yr	Feature Descriptions	Feature Descriptions
03	04	EXPLORER/MOUNTAINEER LESS REDUNDANT CTL -STEER WHL	LINCOLN/MERCURY SERIES
04	04	EXPLORER/MOUNTAINEER REDUNDANT CTL -STEER WHL	LINCOLN/MERCURY SERIES MIDNIGHT BLACK
03	03	EXPLORER/MOUNTAINEER DK GRAPHITE	LINCOLN/MERCURY SERIES
03	04	EXPLORER/MOUNTAINEER REDUNDANT CTL -STEER WHL	LINCOLN/MERCURY SERIES DK GRAPHITE
02	02	EXPLORER/MOUNTAINEER 2002 1/2 JOB #1 PROGRAM CONTRL	LINCOLN/MERCURY SERIES LESS REDUNDANT CTL -STEER WHL
02	02	EXPLORER/MOUNTAINEER 2002 1/2 JOB #1 PROGRAM CONTRL DK GRAPHITE	LINCOLN/MERCURY SERIES REDUNDANT CTL -STEER WHL

**4L2Z-78043B13-BAB(SERVICE)      5L24 78043B13 BB3JA6(ENGINEERING)**

SUPPLIER INFORMATION:

SAME AS ABOVE

YEAR	Quantity
----	-----
2010	12
2009	39
2008	79
2007	102
2006	162
2005	173
2004	225
2003	155
2002	52

In	Out	Yr	Yr	Feature Descriptions	Feature Descriptions
--	--	--	--	-----	-----
03	05			EXPLORER/MOUNTAINEER LESS REDUNDANT CTL -STEER WHL	LINCOLN/MERCURY SERIES
04	05			EXPLORER/MOUNTAINEER REDUNDANT CTL -STEER WHL	LINCOLN/MERCURY SERIES MIDNIGHT BLACK
		03		EXPLORER/MOUNTAINEER DK GRAPHITE	LINCOLN/MERCURY SERIES
03	04			EXPLORER/MOUNTAINEER REDUNDANT CTL -STEER WHL	LINCOLN/MERCURY SERIES DK GRAPHITE
02	02			EXPLORER/MOUNTAINEER 2002 1/2 JOB #1 PROGRAM CONTRL	LINCOLN/MERCURY SERIES LESS REDUNDANT CTL -STEER WH
02	02			EXPLORER/MOUNTAINEER 2002 1/2 JOB #1 PROGRAM CONTRL	LINCOLN/MERCURY SERIES REDUNDANT CTL -STEER WHL
				DK GRAPHITE	

**6L9Z-78043B13-AA(SERVICE)      9L94 78043B13 AA34T1(ENGINEERING)**

SUPPLIER INFORMATION:

SAME AS ABOVE

YEAR	Quantity
----	-----
2010	20
2009	53
2008	60
2007	42
2006	31
2005	4

In	Out	Yr	Yr	Feature Descriptions	Feature Descriptions
--	--	--	--	-----	-----
09				EXPLORER/MOUNTAINEER	LINCOLN/MERCURY SERIES
06	06			EXPLORER/MOUNTAINEER CAMEL	LINCOLN/MERCURY SERIES

**6L9Z-78043B13-AB(SERVICE)      6L94 78043B13 AK35B8(ENGINEERING)**

SUPPLIER INFORMATION:

SAME AS ABOVE

YEAR	Quantity
----	-----
2010	0
2009	0
2008	0
2007	0
2006	35
2005	1

In	Out	Yr	Yr	Feature Descriptions	Feature Descriptions
--	--	--	--	-----	-----
06	06			EXPLORER/MOUNTAINEER CHARCOAL BLACK	LINCOLN/MERCURY SERIES

**7L9Z-78043B13-AA(SERVICE)      9L94 78043B13 AA34T3(ENGINEERING)**

SUPPLIER INFORMATION:

SAME AS ABOVE

YEAR	Quantity
----	-----
2010	17
2009	87
2008	71
2007	83
2006	35
2005	0

In	Out	Yr	Yr	Feature Descriptions	Feature Descriptions
--	--	--	--	-----	-----
09				EXPLORER/MOUNTAINEER	LINCOLN/MERCURY SERIES
06				EXPLORER/MOUNTAINEER CAMEL	LINCOLN/MERCURY SERIES

**7L9Z-78043B13-AB(SERVICE)      9L94 78043B13 AA35B8(ENGINEERING)**

SUPPLIER INFORMATION:

SAME AS ABOVE

YEAR	Quantity
----	-----
2010	36
2009	129
2008	89
2007	74
2006	56
2005	1

In	Out	Yr	Yr	Feature Descriptions	Feature Descriptions
--	--	--	--	-----	-----
09				EXPLORER/MOUNTAINEER	LINCOLN/MERCURY SERIES

06 EXPLORER/MOUNTAINEER  
CHARCOAL BLACK

LINCOLN/MERCURY SERIES

**2C5Z-78043B13-BAA(SERVICE) 2C5A 78043B13 BF0BJA(ENGINEERING)**

SUPPLIER INFORMATION:

SAME AS ABOVE

YEAR	Quantity
2010	0
2009	0
2008	0
2007	0
2006	0
2005	0
2004	0
2003	3
2002	1

In	Out	Feature Descriptions	Feature Descriptions
05		LINCOLN AVIATOR LT PARCHMENT	MULTI MEDIA CTLS -STEER WHL
03	05	LINCOLN AVIATOR LT PARCHMENT	MULTI MEDIA CTLS -STEER WHL

**2C5Z-78043B13-BAC(SERVICE) 2C5A 78043B13 BF03NC(ENGINEERING)**

SUPPLIER INFORMATION:

SAME AS ABOVE

YEAR	Quantity
2010	0
2009	0
2008	0
2007	0
2006	0
2005	0
2004	0
2003	3
2002	0

In	Out	Feature Descriptions	Feature Descriptions
05		LINCOLN AVIATOR MEDIUM ASH	MULTI MEDIA CTLS -STEER WHL
03	05	LINCOLN AVIATOR MEDIUM ASH	MULTI MEDIA CTLS -STEER WHL

**3C5Z-78043B13-AAA(SERVICE)      5C54 78043B13 AB3BJA(ENGINEERING)**

SUPPLIER INFORMATION:

SAME AS ABOVE

YEAR	Quantity
----	-----
2010	1
2009	11
2008	4
2007	29
2006	38
2005	53
2004	71
2003	77
2002	1

In	Out	
Yr	Yr	Feature Descriptions
--	--	-----
04	04	LINCOLN AVIATOR
		LT PARCHMENT

	Feature Descriptions
-----	-----
	MULTI MEDIA CTLS -STEER WHL

**3C5Z-78043B13-BAA(SERVICE)      5C54 78043B13 BB3BJA(ENGINEERING)**

SUPPLIER INFORMATION:

SAME AS ABOVE

YEAR	Quantity
----	-----
2010	11
2009	36
2008	48
2007	78
2006	88
2005	129
2004	137
2003	72
2002	11

In	Out	
Yr	Yr	Feature Descriptions
--	--	-----
	05	LINCOLN AVIATOR
03	04	LINCOLN AVIATOR
		LT PARCHMENT

	Feature Descriptions
-----	-----
	REDUNDANT CTL -STEER WHL
	REDUNDANT CTL -STEER WHL

**4C5Z-78043B13-BAA(SERVICE)      5C54 78043B13 BB34N1(ENGINEERING)**

SUPPLIER INFORMATION:

SAME AS ABOVE

YEAR	Quantity
----	-----
2010	3
2009	18
2008	29
2007	26
2006	38
2005	55
2004	44
2003	2
2002	0

In	Out		
Yr	Yr	Feature Descriptions	Feature Descriptions
--	--	-----	-----
04	05	LINCOLN AVIATOR DOVE	REDUNDANT CTL -STEER WHL

**4C5Z-78043B13-AAA(SERVICE)      5C54 78043B13 AB34N1(ENGINEERING)**

SUPPLIER INFORMATION:

SAME AS ABOVE

YEAR	Quantity
----	-----
2010	4
2009	14
2008	13
2007	20
2006	29
2005	33
2004	27
2003	1
2002	0

In	Out		
Yr	Yr	Feature Descriptions	Feature Descriptions
--	--	-----	-----
04	05	LINCOLN AVIATOR DOVE	MULTI MEDIA CTLS -STEER WHL

**3C5Z-78043B13-BAB(SERVICE)      5C54 78043B13 BB33NC(ENGINEERING)**

SUPPLIER INFORMATION:

SAME AS ABOVE

YEAR	Quantity
----	-----
2010	0
2009	2
2008	13
2007	26
2006	24
2005	40
2004	55
2003	39
2002	10

In	Out		
Yr	Yr	Feature Descriptions	Feature Descriptions
03	03	LINCOLN AVIATOR MEDIUM ASH	REDUNDANT CTL -STEER WHL

**2L7Z-78043B13-BAA(SERVICE)      5L74 78043B13 BF3BJA(ENGINEERING)**

SUPPLIER INFORMATION:

SAME AS ABOVE

YEAR	Quantity
2010	1
2009	4
2008	16
2007	20
2006	29
2005	51
2004	64
2003	62
2002	0

In	Out		
Yr	Yr	Feature Descriptions	Feature Descriptions
04		NAVIGATOR (U228) LT PARCHMENT	AM/FM STR/CD/CLK/NAVIG SYSTEM
	05	NAVIGATOR (U228)	AM/FM STR/6CD/NAVIG SYS
04	04	NAVIGATOR (U228) LT PARCHMENT	AM/FM STR/6CD/NAVIG SYS
	05	NAVIGATOR (U228) AM/FM STR/6CD/NAVIG SYS	2005 JOB #1 PROGRAM CONTROL
05	05	NAVIGATOR (U228) AM/FM STR/6CD/NAVIG SYS	2005 JOB #2 PROGRAM CONTROL

**2L7Z-78043B13-BAA(SERVICE)      5L74 78043B13 BF3BJA(ENGINEERING)**

SUPPLIER INFORMATION:

SAME AS ABOVE

YEAR	Quantity
2010	1
2009	4
2008	16
2007	20
2006	29
2005	51
2004	64
2003	62
2002	0

In	Out		
Yr	Yr	Feature Descriptions	Feature Descriptions





---

**From:** Kreiger, Erik (E.)  
**Sent:** Monday, May 03, 2010 7:09 AM  
**To:** Culkeen, Patrick (P.M.)  
**Subject:** ClockSpring.doc

**Attachments:** ClockSpring.doc



ClockSpring.doc

**Pat.**

**Removed**

**6L2Z 14A664 A**  
**1L5Z 14A664 AB & BB**  
**5L5Z 14A664 A**  
**6L2Z 14A664 A**

1L2Z-14A664-AB(Service)      1L2T 14A664 AE(Engineering)

**SUPPLIER:**

M363C    METHODE ELECTRONIC INC  
111 W BUCHANAN RR 2/PO BOX 130  
HANCOCK IL    Zip: 62321

**SALES:**

YEAR	Quantity
----	-----
2010	216
2009	644
2008	764
2007	825
2006	976
2005	1104
2004	1653
2003	1758
2002	2256

**USAGE:**

ENG PART:    1L2T    14A664 AE\_\_\_\_\_    ORIGIN: WERS    REGION: N    USG  
STAT:  
Eng Name: CONTACT ASSEMBLY-AIRBAG SLIDING    PT: \_    PTO: \_\_\_\_\_  
VL:  
Svc Part:    1L2Z-    14A664-AB    Replaces: Y    Is Replcd: N  
USG IND:  
P    In Out  
t V1 Yr Yr Feature Descriptions    Feature Descriptions  
- - - - -  
T U5    02 EXPLORER/MOUNTAINEER  
T U5 02 02 EXPLORER/MOUNTAINEER    2002 JOB #1 PROGRAM  
CONTROL

2L1Z-14A664-AA(Service)      1L2T 14A664 AE(Engineering)

**SUPPLIER:**

SAME AS ABOVE.

**SALES:**

YEAR	Quantity
----	-----
2010	0
2009	0
2008	0

2007	0
2006	0
2005	1287
2004	1595
2003	978
2002	354

**USAGE:**

ENG PART: 4L1T 14A664 AA\_\_\_\_\_ ORIGIN: WERS REGION: N  
Eng Name: CONT ASY-AIR BAG SLD PT: \_ PTO: \_  
Svc Part: 2L1Z- 14A664-AA Replaces: N Is Replcd: Y  
P In Out  
t V1 Yr Yr Feature Descriptions Feature Descriptions  
- - - - -  
T B5 03 05 NAVIGATOR (U228)  
T B7 03 05 EXPEDITION (U222)  
T F6 04 F150/LINCOLN MARK LT  
T R4 05 RANGER/MAZDA B2000 POWER EQUIPMENT GROUP

2L2Z-14A664-AB(Service) 5L2T 14A664 AA(Engineering)

**SUPPLIER:**

SAME AS ABOVE.

**SALES:**

YEAR	Quantity
----	-----
2010	0
2009	0
2008	0
2007	246
2006	3367
2005	4164
2004	3067
2003	1493
2002	526

**USAGE:**

ENG PART: 5L2T 14A664 AA\_\_\_\_\_ ORIGIN: WERS REGION: N USG  
STA  
Eng Name: CONT ASY-AIR BAG SLD PT: \_ PTO: \_  
V  
Svc Part: 2L2Z- 14A664-AB Replaces: M Is Replcd: Y  
USG IN  
P In Out  
t V1 Yr Yr Feature Descriptions Feature Descriptions  
- - - - -  
-----



ROLL STABILITY CNTRL (RSC)

**SUPPLIER:**

**SALES:**

**USAGE:**

PT: \_\_\_\_\_ PTO: \_\_\_\_\_

Replaces: Y Is Replcd: N

## Feature Descriptions

IVD TRACTION BRAKES

ROLL STABILITY CNTRL

## LESS ANTI-SPIN TRACTION

ROLL STABILITY CNTRL

ROLL STABILITY CNTRL

**SUPPLIER:**

**SALES:**

YEAR	Quantity	Replaced Part Number	Message
----	-----	-----	-----
2010	0		
2009	1		
2008	442		
2007	5243	2L2Z- 14A664-AB	MULTIPLE
2006	3528		
2005	4164		
2004	3067		
2003	1493		
2002	526		

**USAGE:**

ENG PART: 7L3T 14A664 AA\_\_\_\_\_ ORIGIN: WERS REGION: N USG  
STA

Eng Name: CONT ASY-AIR BAG SLD PT: \_ PTO: \_\_\_\_\_  
V

Svc Part: 7L3Z- 14A664-A Replaces: Y Is Replcd: Y  
USG IN

P In Out

t	Vl	Yr	Yr	Feature Descriptions	Feature Descriptions
-	-	-	-	-----	-----

T	F6	08	08	F150/LINCOLN MARK LT	KANSAS CITY PLANT BUILD
---	----	----	----	----------------------	-------------------------

T	F6	04	08	F150/LINCOLN MARK LT	KANSAS CITY PLANT BUILD
				NORFOLK PLANT BUILD	

T	F6	04	08	F150/LINCOLN MARK LT	DEARBORN PLANT BUILD
---	----	----	----	----------------------	----------------------

T	U5	03	05	EXPLORER/MOUNTAINEER	LESS ANTI-SPIN TRACTION
				BRAKES	

T	U5	04	04	EXPLORER/MOUNTAINEER	IVD TRACTION BRAKES
---	----	----	----	----------------------	---------------------

T	U5	02	02	EXPLORER/MOUNTAINEER	2002 1/2 JOB #1 PROGRAM
				CONTRL	

LESS ANTI-SPIN TRACTION BRAKES

T	U5	05	05	EXPLORER/MOUNTAINEER	ROLL STABILITY CNTRL (RSC)
				BRK	

T	U8	03	04	LINCOLN AVIATOR	LESS ANTI-SPIN TRACTION
				BRAKES	





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**From:** Dean, Michael (M.J.)  
**Sent:** Tuesday, May 11, 2010 4:47 PM  
**To:** Culkeen, Patrick (P.M.)  
**Subject:** Clockspring history?

Hello Patrick,

Did you have a subject vehicle peer list file that contained the clockspring usage history?

For the two additional clocksprings you provided me, I want to insure that I match them to the correct SW/DAB.

Thanks!

Have a great day,  
"Teamwork Leads to Success!"  
Michael J. Dean  
Ford Restraints - SW/DAB D&R Eng  
C170/B299N/C346N  
PDC 1D-E27  
Ford Cell Ph : (313) 805-7890  
Email Addr : mdean6@ford.com

pls. visit [www.thefordstory.com](http://www.thefordstory.com)

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**From:** Lang, Gary (G.C.)  
**Sent:** Friday, August 27, 2010 1:58 PM  
**To:** Fronckowiak, Todd (T.M.)  
**Cc:** Welch, Sharon (S.L.); Lang, Gary (G.C.)  
**Subject:** Clockspring replacement

**Attachments:** 501-20B-1.pdf

Todd, Sharon Welch requested that I contact you. The 2004 thru 2006 F150 workshop manuals say "When the driver airbag module has been deployed, a new clockspring must be installed". See attached, step 4.

Call me if you have questions.




501-20B-1.pdf (29 KB)

### **Gary Lang**

Ford Customer Service - Recall  
Phone (313) 24-84791  
DSC II rm 795  
1800 Fairlane Dr  
Allen Park, MI 48101

## GENERAL PROCEDURES

### Inspection and Repair After a Supplemental Restraint System (SRS) Deployment

 **WARNING:** Remove restraint system diagnostic tools from the vehicle prior to road testing. If tools are not removed, the supplemental restraint system (SRS) device may not deploy in a crash. Failure to follow this instruction may result in serious personal injury or death in a crash and possibly violate vehicle safety standards.

**NOTE:** After diagnosing or repairing a Supplemental Restraint System (SRS), the restraint system diagnostic tools (if required) must be removed before operating the vehicle over the road.

**NOTE:** Deployable devices (such as air bag modules, pretensioners) may deploy alone or in various combinations depending on the impact event.

**NOTE:** Always refer to the appropriate workshop manual procedures prior to carrying out vehicle repairs affecting the SRS and safety belt system.

**NOTE:** The SRS must be fully operational and free of faults before releasing the vehicle to the customer.

#### All vehicles

1. **NOTE:** Refer to the correct removal and installation procedure for all SRS components being installed.

When any deployable device or combination of devices are deployed and/or the Restraints Control Module (RCM) has the DTC B1231 (Event Threshold Exceeded) in memory, the repair of the vehicle SRS is to include the removal of all deployed devices and the installation of new deployable devices, the removal and installation of new impact sensors, and the removal and installation of a new RCM. DTCs must be cleared from all required modules after repairs are carried out.

### Vehicles with Occupant Classification Sensor (OCS) system

2. **NOTE:** After installation of new Occupant Classification Sensor (OCS) system components, carry out the Occupant Classification Sensor (OCS) System Reset procedure as instructed in the workshop manual. Refer to the appropriate workshop manual for OCS system removal and installation procedure.

When a vehicle has been involved in a collision and the Occupant Classification System Module (OCSM) has DTC B1231/B1193:00 stored in memory, the repair of the OCS system is to include the following procedures for the specified system:

- For rail-type OCS system, inspect the passenger side floorpan for damage and repair as necessary. Install new OCS system rails. Do not install a new OCSM unless DTC B1231 cannot be cleared.
- For weight sensor bolt-type OCS system, inspect the passenger side floorpan for damage and repair as necessary. Install a new seat track with OCS system weight sensor bolts. DTC must be cleared from the OCSM before carrying out Occupant Classification Sensor (OCS) System Reset. Do not install a new OCSM unless DTC B1231/B1193:00 cannot be cleared.
- **NOTE:** Most bladder-type OCSM do not store a DTC B1231 in memory after deployment. The DTC B1231 is stored only by the RCM.

For bladder-type OCS system, inspect for damage and repair as necessary. If installation of an OCS system component is required, an OCS system service kit must be installed.

#### All vehicles

3. When any damage to the impact sensor mounting points or mounting hardware has occurred, repair or install new mounting points and mounting hardware as needed.
4. When the driver air bag module has deployed, a new clockspring must be installed.

**GENERAL PROCEDURES (Continued)**

5. New driver and/or front passenger safety belt systems (including retractors, buckles and height adjusters) must be installed if the vehicle is involved in a collision that results in deployment of the driver and/or front passenger safety belt pretensioners. For additional information, refer to Section 501-20A.
  6. Inspect the entire vehicle for damage, including the following components:
    - Steering column (deployable column if equipped)
    - Instrument panel knee bolsters and mounting points
    - Instrument panel braces and brackets
    - Instrument panel and mounting points
    - Seats and seat mounting points
    - Safety belts, safety belt buckles and safety belt retractors. For additional information, refer to Section 501-20A
    - SRS wiring, wiring harnesses and connectors
  7. After carrying out the review and inspection of the entire vehicle for damage, repair or install new components as needed.
-

---

**From:** Prescott, Amanda (A.B.)  
**Sent:** Friday, April 30, 2010 10:04 AM  
**To:** Prescott, Amanda (A.B.)  
**Subject:** CQIS report

1fmzu74w42ub03013

02 Explorer

2jbbb017 - unintended deploy - supplier analysis says possible asic chip

---

**From:** Kiselis, Jim (J.E.)  
**Sent:** Friday, April 30, 2010 3:48 PM  
**To:** Culkeen, Patrick (P.M.)  
**Subject:** Driver Air Bag Part Change History with dates

**Attachments:** Truck DAB change log 100427.xls

Same as before. My markings in red.  
Call me if you see ?. Hope I didn't transpose my alphas and numeric's or miss a page!!

Jim Kiselis  
Global Automotive Safety Compliance  
OGC/Safety Office Technical Support  
JKiselis@ford.com  
(313) 390-5258

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**From:** Culkeen, Patrick (P.M.)  
**Sent:** Wednesday, April 28, 2010 9:17 AM  
**To:** Kiselis, Jim (J.E.)  
**Subject:** FW: Driver Air Bag Part Change History

Jim,

Here's another one for you for the DAB. Thanks for the help, but Navigator is very interesting. Here's my cell if you want to talk 313-590-0862.

*Patrick M. Culkeen*

**Ford Motor Company**  
Automotive Safety Office  
External Safety Investigations  
Fairlane Plaza South, Suite 500  
330 Town Center Drive  
Dearborn, MI 48126-2738 USA  
W: (313) 594-4792  
F: (313) 594-2268

---

**From:** Chascsa, Jim (JRCII.)  
**Sent:** Tuesday, April 27, 2010 1:44 PM  
**To:** Culkeen, Patrick (P.M.)  
**Cc:** Dean, Michael (M.J.); Bahr, Wayne (W.E.)  
**Subject:** FW: Driver Air Bag Part Change History

Patrick,

Good afternoon, how are you?

I think the attached is pretty much what you are looking for. I do not know how to fill in the "New Component Availability Date" column, I think this is the ordering question you asked on our last phone call? I will work on

the question of "interchangeability" for the Explorer/Mountaineer parts. Call if you would like to discuss.

Jim Chascsa  
Design and Release Supervisor  
Global Technical Specialist  
Steering Wheel, Driver Airbag and Inflator Design  
313-805-5896

---

**From:** Lynch, Jim (J.)  
**Sent:** Tuesday, April 27, 2010 10:46 AM  
**To:** Chascsa, Jim (JRCII.); Dean, Michael (M.J.); 'Steve Ahlquist'  
**Cc:** 'Andrew Smydra'; Gregory, Zygmunt (Z.); Wilson, John (J.)  
**Subject:** RE: Driver Air Bag Part Change History

Jim,

Attached is the data, one tab per program.



Truck DAB change  
log 100427.xl...

Regards,  
Jim Lynch  
TRW Occupant Safety Systems  
Phone: 313-390-3288  
Cell: 734-552-2833  
e-mail: JLYnch12@ford.com or Jim.Lynch@TRW.com

---

**From:** Chascsa, Jim (JRCII.)  
**Sent:** Monday, April 26, 2010 8:55 AM  
**To:** Dean, Michael (M.J.); 'Steve Ahlquist'  
**Cc:** Lynch, Jim (J.); 'Andrew Smydra'  
**Subject:** FW: Driver Air Bag Part Change History

Team,

Good morning, how are you?

As you can see we have a little more work to do; Mike please lead the team to gather the information requested below (also, please provide Pat a timeframe when we can complete). Thanks!

Jim Chascsa  
Design and Release Supervisor  
Global Technical Specialist  
Steering Wheel, Driver Airbag and Inflator Design  
313-805-5896

---

**From:** Culkeen, Patrick (P.M.)  
**Sent:** Saturday, April 24, 2010 12:06 PM  
**To:** Chascsa, Jim (JRCII.)

**Cc:** Dean, Michael (M.J.); Bahr, Wayne (W.E.)  
**Subject:** Driver Air Bag Part Change History

Jim,

I would like to personally thank you and your group for supporting ASO's efforts to fulfill the agency's request regarding driver frontal air bag information. Your groups efforts allowed the agency to examine the driver air bag configurations and to identify those vehicles that contain a similar module architecture or similar clockspring for their Engineering Analysis investigation.

During a defect investigation, the agency traditionally requests a part change log to be completed on the component of interest. For the Preliminary Evaluation (PE), you were kind enough to complete a form for the 2004 - 2006 MY F-150 (P221) based vehicle. For the upgraded investigation, the agency has asked for the same information for all subject and peer vehicles. We had a phone conversation late this past week to discuss the elimination of this requirement due to amount of work involved considering the number of vehicles involved; however, they were unrelenting. As a result, we are required to complete these forms for the new subject and peer vehicles listed below:

Subject Vehicles

F-150	2004, 2005, 2006	- Already Completed from the previous investigation and
Mark LT	2004, 2005, 2006	- Only 2006 MY's were produced
Explorer	2002, 2003, 2004, 2005	- Beginning with the dual stage DAB for 2002.5 MY
Mountaineer	2002, 2003, 2004, 2005	- Beginning with the dual stage DAB for 2002.5 MY
Aviator	2003, 2004	

Peer Vehicles

F-150	2007
Mark LT	2007
Navigator	2004, 2005, 2006

In the event you cannot determine effective dates for the parts, Design Analysis Engineer has offered their expertise to assist with this task. There is another request by the agency for similar information (Request #10). I believe that we can answer a, b, c, d, all from the change logs supplied from you and Roy Sutherland, but questions f and g may be a little more of a problem. I will call you next week to discuss.

*Patrick M. Culkeen*

**Ford Motor Company**

Automotive Safety Office  
External Safety Investigations  
Fairlane Plaza South, Suite 500  
330 Town Center Drive  
Dearborn, MI 48126-2738 USA  
W: (313) 594-4792  
F: (313) 594-2268

<< File: P221 DAB change log 102309a.xls >>



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**From:** Oswalt, Greg (G.G.)  
**Sent:** Wednesday, January 26, 2011 1:18 PM  
**To:** Welch, Sharon (S.L.); Roberts, Michael (M.J.); Green, Jeffrey (J.T.)  
**Subject:** Extract Request

**Attachments:** 2004-06 MY F-150 Inadvertent Airbag Deployment Extract Request\_100610\_rev1.xls

Attached is the preliminary 2004-06 MY F-150 Inadvertant Airbag Deployment Extract Request.



2004-06 MY F-150  
Inadvertent A...

**Greg Oswalt**  
Critical Concern Manager  
Pick-up/Medium Truck & Large SUV  
PDC - GC-A59, MD 266  
☎ 313-390-1160, Cell Ph. 734-812-9220  
✉ [goswalt@ford.com](mailto:goswalt@ford.com)

*"If you have a weak stomach, you should not watch how sausages are made, or how a bill gets approved in congress"*

Required sections=

THIS NEW VEHICLE EXTRACT/DATA REQUEST FORM PROVIDES:

- 1) Standardization of data request
- 2) Data accuracy
- 3) Quicker Turnaround
- 4) Consumption Management - Reduction of IT Cost
- 5) Less email transactions requesting clarification

Requestor Name:	Greg Oswalt	
Requestor CDSID:	goswalt	
Requestor Organization:	Pick-up/Medium Truck & Large SUV	
Request Date:	10/6/2010	
Concern Description:	2004-06 MY F-150 Inadvertent Airbag Deployment	
EPRC #, if applicable:		
Special Request:	e.g., VINs, owner or dealer information, etc. (requires prior approval from Recall Program Managers)	

<b>FSA Coordinator Area</b>	
Form Creation Date: 9/28/2005	
Form Revised Date: blank	
Request # _____	
Revision request(a,b,etc.): _____	
GCamp Global #: _____	
X-number: _____	
FSA Coordinator Name: _____	
Application Used to gather data (X):	
Business Objects: _____	GCampVAQ: _____
GCamp Targeting: _____	GCamp1: _____

		Variants							
e.g., F-250/350/450/550 Taurus/Sable Escape		e.g., XL, XLT Police Livery, Limousine 3Dr, 4Dr, 5Dr SuperCab, CrewCab	"Job 1" returns Pre-Prod units	"Current MY Prod Counts are delayed one week"	All or specific	All or Specific	All, Auto, Man, or Specific	e.g., Emission Codes, Sold Dates, Speed Control, Tire Size, GVW, Wheelbase, Hydraulic or Air Brake, etc.	e.g., USA and Safety Act or North America, etc.
Vehicle(s)	Model Year(s)	BodyStyle	dd-mmm-yyyy Prod Date Begin	dd-mmm-yyyy Prod Date End	Plant(s)	Engine(s)	Transmission(s)	Other	Assigned Responsible Country(s) (if necessary)
F-150	2004-06	All	Job #1 (1/27/03)	1/24/2006	NAP	All	All		All
F-150	2004-06	All	Job #1 (10/16/03)	1/24/2006	DTP	All	All		All
F-150	2004-06	All	Job #1 (2/24/03)	1/24/2006	KCAP	All	All		All

Insert Additional Rows if needed.

---

**From:** Oswalt, Greg (G.G.)  
**Sent:** Thursday, January 27, 2011 2:01 PM  
**To:** Welch, Sharon (S.L.); Roberts, Michael (M.J.); Green, Jeffrey (J.T.)  
**Subject:** Extract Request

**Attachments:** 2004-06 MY F-150 Inadvertent Airbag Deployment Extract Request\_100610\_rev2.xls

Attached is the revised 2004-06 MY F-150 Inadvertant Airbag Deployment Extract Request per yesterday's 14D review for NAP only.



2004-06 MY F-150  
Inadvertent A...

Let me know if you have any questions.

**Greg Oswalt**  
Critical Concern Manager  
Pick-up/Medium Truck & Large SUV  
PDC - GC-A59, MD 266  
 313-390-1160, Cell Ph. 734-812-9220  
 [goswalt@ford.com](mailto:goswalt@ford.com)

*"If you have a weak stomach, you should not watch how sausages are made, or how a bill gets approved in congress"*

Required sections=

THIS NEW VEHICLE EXTRACT/DATA REQUEST FORM PROVIDES:

- 1) Standardization of data request
- 2) Data accuracy
- 3) Quicker Turnaround
- 4) Consumption Management - Reduction of IT Cost
- 5) Less email transactions requesting clarification

Requestor Name:	Greg Oswalt	
Requestor CDSID:	goswalt	
Requestor Organization:	Pick-up/Medium Truck & Large SUV	
Request Date:	10/6/2010	
Concern Description:	2004-06 MY F-150 Inadvertent Airbag Deployment	
EPRC #, if applicable:		
Special Request:	e.g., VINs, owner or dealer information, etc. (requires prior approval from Recall Program Managers)	

<b>FSA Coordinator Area</b>	
Form Creation Date: 9/28/2005	
Form Revised Date: blank	
Request # _____	
Revision request(a,b,etc.): _____	
GCamp Global #: _____	
X-number: _____	
FSA Coordinator Name: _____	
Application Used to gather data (X):	
Business Objects: _____	GCampVAQ: _____
GCamp Targeting: _____	GCamp1: _____

		Variants							
e.g., F-250/350/450/550 Taurus/Sable Escape		e.g., XL, XLT Police Livery, Limousine 3Dr, 4Dr, 5Dr SuperCab, CrewCab	"Job 1" returns Pre-Prod units	"Current MY Prod Counts are delayed one week"	All or specific	All or Specific	All, Auto, Man, or Specific	e.g., Emission Codes, Sold Dates, Speed Control, Tire Size, GVW, Wheelbase, Hydraulic or Air Brake, etc.	e.g., USA and Safety Act or North America, etc.
Vehicle(s)	Model Year(s)	BodyStyle	dd-mmm-yyyy Prod Date Begin	dd-mmm-yyyy Prod Date End	Plant(s)	Engine(s)	Transmission(s)	Other	Assigned Responsible Country(s) (if necessary)
F-150	2004-06	All	Job #1 (1/27/03)	1/24/2006	NAP	All	All		All

Insert Additional Rows if needed.

---

**From:** Lang, Gary (G.C.)  
**Sent:** Wednesday, July 28, 2010 1:27 PM  
**To:** 'tim.crain@spx.com'  
**Cc:** Tim\_Crain/ServiceSolutions/SPX@SPX.com; john.sukiennik@spx.com; 'Lee.Wilson@spx.com'  
**Subject:** RE: F- 150 harness

In our Wednesday meeting this morning, we were informed that this program was on hold until further notice.

No, we do not require a trial at this time.

**Gary Lang**

Ford Customer Service - Recall

Phone (313) 24-84791

---

**From:** tim.crain@spx.com [mailto:tim.crain@spx.com]  
**Sent:** Wednesday, July 28, 2010 1:05 PM  
**To:** Lang, Gary (G.C.)  
**Cc:** Tim\_Crain/ServiceSolutions/SPX@SPX.com; john.sukiennik@spx.com  
**Subject:** F- 150 harness

Gary, with the concern / question about the harness mesh, do you still want to trial the harness other ohter vehicles ? Please advise. thanks timc



**Tim Crain**

**Technical Author**

SPX Service Solutions

1555 Fairlane Drive | Allen Park, MI 48101 | USA

Cube: 212E

Phone: 313 317 1629

Cell: 313 595 1348

**tim.crain@spx.com**  
**www.SPX.com**

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**From:** Lang, Gary (G.C.)  
**Sent:** Tuesday, October 05, 2010 3:49 PM  
**To:** Chascsa, Jim (JRCII.)  
**Cc:** Lang, Gary (G.C.); Welch, Sharon (S.L.); Oswalt, Greg (G.G.)  
**Subject:** F150 Airbag Jumper 14D Dealer Repair Statement

Jim, here is my suggestion for the 14D Dealer Repair Statement:

"Dealer technicians will replace the wire harness between the clockspring and the driver side air bag."

**Gary Lang**

Ford Customer Service - Recall  
Phone (313) 24-84791  
DSC II rm 795  
1800 Fairlane Dr  
Allen Park, MI 48101

**From:** [Nevi, Raymond \(R.A.\)](#)  
**To:** [Cischke, Sue \(Susan M.\)](#)  
**Cc:** [Prescott, Amanda \(A.B.\)](#); [Logel, Jay \(J.D.\)](#); [Falahee, Thomas \(T.M.\)](#)  
**Subject:** F-150 Draft  
**Date:** Wednesday, February 09, 2011 3:36:09 PM  
**Attachments:** [EA10-001 Response - Recall Request Letter.doc](#)

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Sue,

A copy of our draft response concerning the F-150 defect letter is attached for you review. It contains all the elements we have talked about. I think our argument is strong enough that we shouldn't include the paragraph concerning dealer capacity (just before the Ford Position). We will be doing a final proofreading for typos, grammar, punctuation, etc., so you need not bother yourself with those items. We will need to send this to the agency by the end of the day tomorrow.

<<...>>

Shall we schedule this into the February 14 FRC?

Ray

---

**From:** Carl Godell [Cgodell@SterlingTech.org]  
**Sent:** Thursday, September 23, 2010 11:39 AM  
**To:** Kreiger, Erik (E.)  
**Cc:** Joel Rosenberg  
**Subject:** FCI issue from STI info for the meeting today

Erik, good morning. In our various email communications with FCI, history of that information for your knowledge.

- 8/17/10 - STI original PO to FCI sent
- 8/26/10 - STI update final product definition to requote (gold, 22ga issue) sent to FCI
- 9/1/10 - FCI sent requote to STI and STI confirmed quote from FCI
- 9/1/10 - 11:35 am, STI signed off, approved, and emailed to FCI with drawing.

FCI had direction to proceed on 9/1/10.

Note: I will forward the time line for airbag project in another email

Kind Regards  
Carl

***Carl J Godell***

**Sterling Technologies, Inc**  
Vehicular wire harness, controls, turnkey manufacturing  
ISO 9001/2008 Registered and TS16949  
2035 Easy Street  
Commerce Twp, MI 48390  
ph: (248) 210 7247  
email: [carl.godell@sterlingtech.org](mailto:carl.godell@sterlingtech.org)  
web: [www.sterlingtech.org](http://www.sterlingtech.org)



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**From:** Roberts, Michael (M.J.)  
**Sent:** Monday, February 14, 2011 1:38 PM  
**To:** Fisher, Marcy (M.J.); Brown, Jerry (J.R.); Chasca, Jim (JRCII.)  
**Cc:** Andreassa, Mauro (M.); Baker, Donna (D.J.); Barnaby, Terry (T.L.); Bazil, Tom (Thomas E.); Beaudoin, Craig (C.A.); Berardi, Michael (M.A.); Boehk, Karen (K.S.); Brambilla, Thiago (T.B.); Brandt, Debby (D.L.); Brooks, Stuart (S.L.); Case, Robert (R.C.); Catalano, Martino (M.); Centa, John (J.R.); Chen, Jun-Lon (J.L.); Chesterman, Tony (A.D.); Christensen, Kris (K.S.); Christianson, Kevin (K.C.); Cischke, Sue (Susan M.); Cooper, Andy (A.H.); Delgado, Nelson (N.D.); Desmet, Susan (S.M.); Dounce, Carlos (C.); Falahee, Thomas (T.M.); Frommann, Mike (M.W.); Fuher, Michael (M.J.); Garrett, David (D.M.); Gniewek, Kenneth (K.J.); Goebel, Ken (K.M.); Green, Gretchen (G.E.); Green, Jeffrey (J.T.); Hagemans, Robert (R.G.); Hansen, Thayne (T.); Hartstang, Joe (J.K.); Janczak, Stephanie (S.L.); Johnson, David (D.J.); Johnson, Justin (J.R.); Khan, Mohammad (T.); King, Lamar (L.L.); King, Rowland (R.S.); Kinnie, Yvonne (Y.C.); Kizyma, Dave (D.E.); Kopeika, Charles (C.R.); Kreiger, Erik (E.); Lang, Gary (G.C.); Leese, Alvin (A.); Liberatore, Robin (R.L.); Logel, Jay (J.D.); Mardell, Mitch (M.); Matsui, Steven (S.N.); McClenaghan, Dave (D.); McClenaghan, Dean (D.C.); Monserratt, Luis (L.); Nevi, Raymond (R.A.); O'Rear, John (J.R.); Oswalt, Greg (G.G.); Patel, Bharat (B.J.); Pereira, Gerardo (G.); Pereira, Joaquim Arruda (J.P.); Philliben, Agnes (A.); Prescott, Alan (A.D.); Price, Ray (R.D.); Roberts, Michael (M.J.); Rooker, Heather (H.R.); Schuckel, Jennifer (J.M.); Setili, Frank (F.E.); Sherwood, Wesley (W.); Sturgill, Mark (M.W.); Thosi, Estevao (E.J.); Vondale, James (J.P.); Ward, Ken (K.A.); Webb, Natalie (N.K.); Welch, Sharon (S.L.); Weller, Helen (H.); Wickenheiser, Francis (F.J.); Wilson, Marie (M.); Woodring, Christopher (C.A.)  
**Subject:** FSA 11S18 Assigned - 2005-2006 F-150 - Air Bag Warning Lamp

**Field Service Action Assigned:** Safety Recall 11S18  
**Reference:** 10X11 (For Recall & Service Programs Dept. Use Only)  
**FRC Date:** 14-Feb-2011  
**Vehicles Affected:** Certain 2005-2006 F-150  
**Concern Description:** Air Bag Warning Lamp  
**Supplier Responsible:** No  
**14-D Author:** James Robert Chasca II

The 14D author will be responsible for reviewing Prevent Action closure per procedure FAP 03-171 with Marcy Fisher, Director - Body Interior Engineering no later than April 14, 2011.

This review will focus on implementation of Prevent Action (Step 13) requiring evidence of incorporation and overall quality of event including systemic root cause and appropriate prevent action selection to capture lessons learned.

Please contact Greg Oswalt for further information and direction. Provide Karen Boehk (KBOEHK) with actual Prevent Action Closure Date (required for campaign metrics) and an electronic copy of the Prevent Action closure review paper. We request that the GCE CPS include the Field Service Action number & root cause information in their Fresh Eyes check list as appropriate.

*Take care,*

**Mike Roberts (mrober18)**

**Ford Motor Company**

Recall & Service Programs **Team**

Global Campaign (GCamp) Specialist and Lead Coordinator

Certified 6 Sigma Black Belt

DSC2\_Cube789\_AllenPark, MI (313) 337-6810

---

**From:** Prescott, Amanda (A.B.)  
**Sent:** Wednesday, July 28, 2010 1:32 PM  
**To:** Sutherland, Roy (R.W.)  
**Subject:** FW: 10x11 - Airbag Jumper

---

**From:** Lang, Gary (G.C.)  
**Sent:** Tuesday, July 27, 2010 12:39 PM  
**To:** tim.crain@spx.com  
**Cc:** 'Lee.Wilson@spx.com'; Lang, Gary (G.C.); Welch, Sharon (S.L.); Culkeen, Patrick (P.M.); Prescott, Amanda (A.B.)  
**Subject:** 10x11 - Airbag Jumper

I have a prototype Air Bag jumper harness ready for a trial. As I recall we still had some other vehicles to verify the procedure on. Please look for the vehicles and let me know of a good time for the trial. I will set up a meeting for us, including Pat Culkeen and Amanda Prescott.

### Gary Lang

Ford Customer Service - Recall  
Phone (313) 24-84791  
DSC II rm 795  
1800 Fairlane Dr  
Allen Park, MI 48101

---

**From:** Carl Godell [Cgodell@SterlingTech.org]  
**Sent:** Tuesday, October 19, 2010 1:20 PM  
**To:** Sahinbas, Kenan (M.); Maholick, William (WM.)  
**Cc:** Joel Rosenberg; Kreiger, Erik (E.)  
**Subject:** FW: 4L3T-14B095-BA Final Proof  
**Importance:** High  
**Attachments:** 35126981-a.pdf

Ken, font on lot size corrected per your request, ref attached drawing from American Label. Please reply to this email with Ok to proceed.

Thank you  
Carl

***Carl J Godell***

**Sterling Technologies, Inc**  
Vehicular wire harness, controls, turnkey manufacturing  
ISO 9001/2008 Registered and TS16949  
2035 Easy Street  
Commerce Twp, MI 48390  
ph: (248) 210 7247  
email: [carl.godell@sterlingtech.org](mailto:carl.godell@sterlingtech.org)  
web: [www.sterlingtech.org](http://www.sterlingtech.org)

---

**From:** Jackie Roy [mailto:jroy@americanlabel.com]  
**Sent:** Tuesday, October 19, 2010 11:58 AM  
**To:** Carl Godell  
**Subject:** 4L3T-14B095-BA Final Proof  
**Importance:** High

Hi Carl,

Does this proof meet with your approval?

Please review carefully, sign your approval and return to me.

Thank you very kindly.

Best regards,

Jackie Roy  
American Label & Tag, Inc.  
Phone: 734-454-7600  
Cell: 248-705-9314

<<35126981-a.pdf>>

---

**From:** Carl Godell [Cgodell@SterlingTech.org]  
**Sent:** Monday, October 18, 2010 1:06 PM  
**To:** Kreiger, Erik (E.)  
**Subject:** FW: Airbag Jumper Harness Label Approval - Important  
**Attachments:** 20101014133902092.pdf

Erik, these are the two samples for the label that we discussed this morning. Both on within one file, just page down. The first one is the one we are now ok'd to proceed with. We will have American Label reduce the font of the lot code (indicated here as a (1)).

Note: We sent this to you on the 15th FYFile.

Thanks  
Carl

***Carl J Godell***

**Sterling Technologies, Inc**  
Vehicular wire harness, controls, turnkey manufacturing  
ISO 9001/2008 Registered and TS16949  
2035 Easy Street  
Commerce Twp, MI 48390  
ph: (248) 210 7247  
email: [carl.godell@sterlingtech.org](mailto:carl.godell@sterlingtech.org)  
web: [www.sterlingtech.org](http://www.sterlingtech.org)

---

**From:** Joel Rosenberg  
**Sent:** Friday, October 15, 2010 5:07 PM  
**To:** Carl Godell  
**Subject:** FW: Airbag Jumper Harness Label Approval - Important

Joel Rosenberg  
President  
Direct: 248-563-1471  
Main: 248-669-0334  
Fax: 248-669-0336  
Sterling Technologies, Inc.  
2035 Easy St.  
Commerce, Michigan 48390  
[www.Sterlingtech.Org](http://www.Sterlingtech.Org)

---

**From:** Joel Rosenberg  
**Sent:** Friday, October 15, 2010 11:27 AM  
**To:** 'Kreiger, Erik (E.)'; 'pculkeen@ford.com'  
**Cc:** Carl Godell; Brad Salter  
**Subject:** Airbag Jumper Harness Label Approval - Important

Erik and Pat,  
Attached are the final proofs for the P/N label. They both meet Ford Standards. Who is the appropriate representative of Ford to approve which label you would like? The first label appears far less cluttered to us for a flag label. We will order the labels just as soon as it is signed off.  
Thanks for your help.

Joel Rosenberg

3/3/2011

EA10-001.9 000081

President

Direct: 248-563-1471

Main: 248-669-0334

Fax: 248-669-0336

Sterling Technologies, Inc.

2035 Easy St.

Commerce, Michigan 48390

[www.Sterlingtech.Org](http://www.Sterlingtech.Org)



# American Label & Tag, Inc.

41878 Koppernick • Canton, MI 48187 or PO Box 85488 • Westland, MI 48185 • Phone (734) 454-7600 • Fax (734) 454-7606

FoMoCo

1

FoMoCo

4L3T-14B095-BA

4L3T-14B095-BA

**Final Proof**

K

Tkt# 35126981

Label  
Information

Proof Date: 10-8-10

Size: .875" X 3.75" Corner Radius: .125

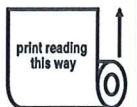
Material: Thermal Transfer poly

This proof is to show color break only.  
Please see Pantone® colors to view actual color

**Notes:**

Lot code "1" to increment up by  
one digit each batch of 25,000  
parts.

Rewind #1



**Please Sign and return promptly to avoid production delays**

Any Question Call American Label & Tag - 1-800-641-8247

Customer  
Sign-off

A signed proof must be received before an order is processed.

Please check the following items over very carefully: SIZE, COLORS, SPELLING AND PUNCTUATION, NUTRITION INFORMATION, BARCODE, UNWIND, etc. Changes, if required, must be indicated on the proof (please be specific). Customer corrections/revisions are billed at regular rates.

Customer assumes full responsibility for compliance with local, State and Federal laws.

☐ APPROVED AS IS. Proceed to production.

☐ APPROVED WITH CORRECTIONS. Please indicate corrections on proof. Proceed to production.

☐ SUBMIT NEW PROOF.

☐ See Blueprint  
Attached

DATE \_\_\_\_\_ CUSTOMER SIGNATURE \_\_\_\_\_

wcrv101f02rev6

EA10-001.9 000083





# American Label & Tag, Inc.

41878 Koppernick • Canton, MI 48187 or PO Box 85488 • Westland, MI 48185 • Phone (734) 454-7600 • Fax (734) 454-7606

FoMoCo BA

4L3T

14B095

LOT1

BA

FoMoCo BA

4L3T

14B095

LOT1

BA

FoMoCo BA

4L3T

14B095

LOT1

BA

**Final Proof**

Tkt# 35126981

K

Label  
Information

Proof Date: 10-8-10

Size: .875" X 3.75"

Corner Radius: .125

Material: Thermal Transfer poly

This proof is to show color break only.  
Please see Pantone® colors to view actual color

## Notes:

Lot code "1" to increment up by  
one digit each batch of  
25,000 parts.

Rewind #1



Customer  
Sign-off

Please Sign and return promptly to avoid production delays

Any Question Call American Label & Tag - 1-800-641-8247

A signed proof must be received before an order is processed.

Please check the following items over very carefully: SIZE, COLORS, SPELLING AND PUNCTUATION, NUTRITION INFORMATION, BARCODE, UNWIND, etc. Changes, if required, must be indicated on the proof (please be specific). Customer corrections/revisions are billed at regular rates.

Customer assumes full responsibility for compliance with local, State and Federal laws.

☐ APPROVED AS IS. Proceed to production.

☐ APPROVED WITH CORRECTIONS. Please indicate corrections on proof. Proceed to production.

☐ SUBMIT NEW PROOF.

☐ See Blueprint  
Attached

DATE \_\_\_\_\_ CUSTOMER SIGNATURE \_\_\_\_\_

wcrv101f02rev6  
EA10-001-9 000084



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**From:** Prescott, Amanda (A.B.)  
**Sent:** Wednesday, July 28, 2010 1:32 PM  
**To:** Sutherland, Roy (R.W.)  
**Subject:** FW: Airbag Jumper

---

**From:** Lang, Gary (G.C.)  
**Sent:** Tuesday, July 27, 2010 12:44 PM  
**To:** Culkeen, Patrick (P.M.); Prescott, Amanda (A.B.)  
**Cc:** Lang, Gary (G.C.); Welch, Sharon (S.L.)  
**Subject:** Airbag Jumper

I was given a prototype jumper for a installation trial. Erik Kreiger told me there may be a concern with the tape in the middle not allowing the 90 degree rotation of the airbag connectors. I also notice that the wire shielding is black instead of yellow, is that a concern? We can discuss at the trial that will be scheduled soon.

### Gary Lang

Ford Customer Service - Recall  
Phone (313) 24-84791  
DSC II rm 795  
1800 Fairlane Dr  
Allen Park, MI 48101

---

**From:** Mathews, Jacob (J.)  
**Sent:** Wednesday, January 12, 2011 4:40 PM  
**To:** Culkeen, Patrick (P.M.)  
**Subject:** FW: Driver air bag changes between 2004 and 2006

Pat,

Here's the response from our supplier, but as I said in my voice mail, please send me a graphic so we can be sure that there is no miscommunication to your request. Thanks.

*Jacob Mathews*

2010.5/12/13/15 P415/U22X EPMT/ EE Supervisor  
PDC 2H-L12 / 313-805-4121

---

**From:** James Loucks [mailto:James.Loucks@us.yazaki.com]  
**Sent:** Wednesday, January 12, 2011 4:37 PM  
**To:** Mathews, Jacob (J.); Miller, Christopher (C.A.)  
**Cc:** Bruce Beshears; Ken Krause  
**Subject:** FW: Driver air bag changes between 2004 and 2006

Jacob, per your request here is the results of the study for the P221 Air Bag deployment issues.

Thanks for your work on this study Ken.

Let me know if you have any questions.

**Jim Loucks**

**Project Leader - 2010/2010. 5 P415**

**Yazaki North America 6801 Haggerty Rd, Canton, Mi 48187**

**Desk: 734-983-2788 Cell: 734-693-1412 Fax: 734-983-2789**

**Email:** [james.loucks@us.yazaki.com](mailto:james.loucks@us.yazaki.com)

---

**From:** Ken Krause  
**Sent:** Wednesday, January 12, 2011 2:54 PM  
**To:** James Loucks  
**Subject:** Driver air bag changes between 2004 and 2006

Jim,

I have reviewed the 14401 changes that could have an affect on the driver air bag between 2004 and 2006 model years, and I will list them below.

- 1) 2004MY we combined the 14A320 multi function switch jumper harness into the 14401 under C11636908.
- 2) 2005MY Running change we changed the clock spring air bag connector, because Molex modified the shorting bar lifter to improve the mating forces, the terminals also changed from Molex to Yazaki under C11639269.
- 3) 2006MY The steering column bracket was revised to remove the fingers under C11708908

These are the major changes, if there is something more detailed that you are looking for, please let me know.

Regards  
Ken Krause

3/3/2011

Wire Harness Engineer  
Yazaki North America  
734-983-3094 – Desk  
734-983-3095 – Fax  
Ken.krause@us.yazaki.com

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Thank you.

---

**From:** Chascsa, Jim (JRCII.)  
**Sent:** Tuesday, April 27, 2010 1:44 PM  
**To:** Culkeen, Patrick (P.M.)  
**Cc:** Dean, Michael (M.J.); Bahr, Wayne (W.E.)  
**Subject:** FW: Driver Air Bag Part Change History

**Attachments:** Truck DAB change log 100427.xls

Patrick,

Good afternoon, how are you?

I think the attached is pretty much what you are looking for. I do not know how to fill in the "New Component Availability Date" column, I think this is the ordering question you asked on our last phone call? I will work on the question of "interchangeability" for the Explorer/Mountaineer parts. Call if you would like to discuss.

Jim Chascsa  
Design and Release Supervisor  
Global Technical Specialist  
Steering Wheel, Driver Airbag and Inflator Design  
313-805-5896

---

**From:** Lynch, Jim (J.)  
**Sent:** Tuesday, April 27, 2010 10:46 AM  
**To:** Chascsa, Jim (JRCII.); Dean, Michael (M.J.); 'Steve Ahlquist'  
**Cc:** 'Andrew Smydra'; Gregory, Zygmunt (Z.); Wilson, John (J.)  
**Subject:** RE: Driver Air Bag Part Change History

Jim,

Attached is the data, one tab per program.



Truck DAB change  
log 100427.xl...

Regards,  
Jim Lynch  
TRW Occupant Safety Systems  
Phone: 313-390-3288  
Cell: 734-552-2833  
e-mail: JLYnch12@ford.com or Jim.Lynch@TRW.com

---

**From:** Chascsa, Jim (JRCII.)  
**Sent:** Monday, April 26, 2010 8:55 AM  
**To:** Dean, Michael (M.J.); 'Steve Ahlquist'  
**Cc:** Lynch, Jim (J.); 'Andrew Smydra'  
**Subject:** FW: Driver Air Bag Part Change History

Team,

Good morning, how are you?

As you can see we have a little more work to do; Mike please lead the team to gather the information requested below (also, please provide Pat a timeframe when we can complete). Thanks!

Jim Chascsa

Design and Release Supervisor

Global Technical Specialist

Steering Wheel, Driver Airbag and Inflator Design

313-805-5896

---

**From:** Culkeen, Patrick (P.M.)  
**Sent:** Saturday, April 24, 2010 12:06 PM  
**To:** Chascsa, Jim (JRCII.)  
**Cc:** Dean, Michael (M.J.); Bahr, Wayne (W.E.)  
**Subject:** Driver Air Bag Part Change History

Jim,

I would like to personally thank you and your group for supporting ASO's efforts to fulfill the agency's request regarding driver frontal air bag information. Your groups efforts allowed the agency to examine the driver air bag configurations and to identify those vehicles that contain a similar module architecture or similar clockspring for their Engineering Analysis investigation.

During a defect investigation, the agency traditionally requests a part change log to be completed on the component of interest. For the Preliminary Evaluation (PE), you were kind enough to complete a form for the 2004 - 2006 MY F-150 (P221) based vehicle. For the upgraded investigation, the agency has asked for the same information for all subject and peer vehicles. We had a phone conversation late this past week to discuss the elimination of this requirement due to amount of work involved considering the number of vehicles involved; however, they were unrelenting. As a result, we are required to complete these forms for the new subject and peer vehicles listed below:

Subject Vehicles

F-150	2004, 2005, 2006	- Already Completed from the previous investigation and
Mark LT	2004, 2005, 2006	- Only 2006 MY's were produced
Explorer	2002, 2003, 2004, 2005	- Beginning with the dual stage DAB for 2002.5 MY
Mountaineer	2002, 2003, 2004, 2005	- Beginning with the dual stage DAB for 2002.5 MY
Aviator	2003, 2004	

Peer Vehicles

F-150	2007
Mark LT	2007
Navigator	2004, 2005, 2006

In the event you cannot determine effective dates for the parts, Design Analysis Engineer has offered their expertise to assist with this task. There is another request by the agency for similar information (Request #10). I believe that we can answer a, b, c, d, all from the change logs supplied from you and Roy Sutherland, but questions f and g may be a little more of a problem. I will call you next week to discuss.

*Patrick M. Culkeen*

**Ford Motor Company**

Automotive Safety Office  
External Safety Investigations  
Fairlane Plaza South, Suite 500  
330 Town Center Drive  
Dearborn, MI 48126-2738 USA  
W: (313) 594-4792  
F: (313) 594-2268

<< File: P221 DAB change log 102309a.xls >>

Part	A	B	C	D	E	F		G	H
	Incorporated Into Vehicle Production	Description of Change	Reasons for Change	Original	Modified	Disposition of Original Parts		New Component Availability Date	New Component Interchangeable With Old (Y/N - Intended versus Possible)
				Ford Engineering Part Number	Ford Engineering Part Number	Withdrawn from Ford Production Inventory (Scrap/ Consume/ Rework)	Effective Date		
Driver Front Air Bag		Initial release							
		Initial release							
		Add horn jumper to dab		4L34-15043B13-BAW	4L34-15043B13-BBW	Consume		06/02	Y
		Open locating holes on dab		4L34-15043B13-BBW	4L34-15043B13-BCW	Consume		02/03	Y
		Increase lower and upper flange thickness; revise shape of lower flange; reduce size of upper and lower flange slot; add ribs to 6 o'clock hoop		4L34-15043B13-BCW	4L34-15043B13-BDW	Consume		03/03	Y
		Add washer to shoulder bolts		4L34-15043B13-BDW	4L34-15043B13-BEW	Consume		05/03	Y
		Relocate horn connector attachment hole. Turn connector 180 degrees, relocate horn plate wire attachment, shorten reaction plate wire.		4L34-15043B13-BEW	4L34-15043B13-BFW	Consume		08/03	Y
		J2 tear seam adjustment		4L34-15043B13-BFW	4L34-15043B13-CAW			01/04	
		Relocate horn connector attachment hole. Turn connector 180 degrees, relocate horn plate wire attachment, shorten reaction plate wire.		4L34-15043B13-CAW	4L34-15043B13-CBW			02/04	
		Revise cover for cold deployment		4L34-15043B13-CBW	4L34-15043B13-CCW	Consume		03/04	Y
		Reinforce rib on emblem pocket		4L34-15043B13-CCW	4L34-15043B13-CDW	Consume		04/04	Y
		P397 Initial release Same as 5L34-15043B13-CAW							
		P397 Change Character lines		5L34-15043B13-BAW	5L34-15043B13-BBW	Consume		03/04	Y
		P397 Add ribs to bottom inside surface of cover to improve robustness during deployment. Add hine feature to 6:00 flange to improve flexibility.		5L34-15043B13-BBW	5L34-15043B13-BCW	Consume		10/04	Y
		P397 change to trw standard airbag design, inflator MCR		5L34-15043B13-BCW	5L34-15043B13-BDW	Consume		11/04	Y
		P397 Change to DYM 100.		5L34-15043B13-BDW	5L34-15043B13-BEW	Consume		11/04	Y
		Robustment improvements from 4L34-15043B13-CDW		4L34-15043B13-CDW	5L34-15043B13-CAW	Consume			Y
		Make robustness improvement to driver air bag.		5L34-15043B13-CAW	5L34-15043B13-CBW	Consume			Y
		Inflator MCR		5L34-15043B13-CBW	5L34-15043B13-CCW	Consume			Y
		Change to TRW standard airbag design.		5L34-15043B13-CCW	5L34-15043B13-CDW	Consume			Y
		Add mylar tape, then replace mylar w/ flock	Alert #A11859535				1/23/06	4/24/06	
		Less Hexivalent Chrome, same as 5L34-15043B13-CAW		6L34-15043B13-AAW					
		Change to TRW standard airbag design, inflator MCR		6L34-15043B13-AAW	6L34-15043B13-ABW	Consume			Y
		P397 Less Hexivalent Chrome same as 5L34-15043B13-BBW		6L34-15043B13-BAW					
		P397 Change to trw standard airbag design, inflator MCR		6L34-15043B13-BAW	6L34-15043B13-BBW	Consume			Y

Part	A	B	C	D	E	F		G	H
	Incorporated Into Vehicle Production	Description of Change	Reasons for Change	Original	Modified	Disposition of Original Parts		New Component Availability Date	New Component Interchangeable With Old (Y/N - Intended versus Possible)
				Ford Engineering Part Number	Ford Engineering Part Number	Withdrawn from Ford Production Inventory (Scrap/ Consume/ Rework)	Effective Date		
		P221 Ergo improvements to direct connect on module installation		6L34-15043B13-ABW	7L34-15043B13-CAW	Consume			Y
Driver Front Air Bag		P397 Ergo improvements to direct connect on module installation		6L34-15043B13-BBW	7L34-15043B13-DAW	Consume			Y
		P221 Create S-flange on DAB horn reaction plate to replace floch taping.		7L34-15043B13-CAW	7L34-15043B13-CBW	Consume			Y
		P397 Create S-flange on DAB horn reaction plate to replace floch taping.		7L34-15043B13-DAW	7L34-15043B13-DBW	Consume			Y



Part	A	B	C	D	E	F		G	H
	Incorporated Into Vehicle Production	Description of Change	Reasons for Change	Original	Modified	Disposition of Original Parts		New Component Availability Date	New Component Interchangeable With Old (Y/N - Intended versus Possible)
				Ford Engineering Part Number	Ford Engineering Part Number	Withdrawn from Ford Production Inventory (Scrap/ Consume/ Rework)	Effective Date		

## Explorer

Part	A	B	C	D	E	F		G	H
	Incorporated Into Vehicle Production	Description of Change	Reasons for Change	Original	Modified	Disposition of Original Parts		New Component Availability Date	New Component Interchangeable With Old (Y/N - Intended versus Possible)
				Ford Engineering Part Number	Ford Engineering Part Number	Withdrawn from Ford Production Inventory (Scrap/Consume/Rework)	Effective Date		
Driver Front Air Bag		REVISE 2001 EXPLORER DAB TO A DUAL STAGE INFLATOR SYSTEM TO SUPPORT THE 2002 EXPLORER. THE DUAL STAGE INFLATOR WILL HAVE TWO INTEGRAL CONNECTORS WITHOUT A WIRE HARNESS.	C11085980		2L2A 78043B13 AAW		J1 2002		
		REVISE INFLATOR FILTER/HEAT SINK ON U152/U222 DUAL STAGE DRIVER AIR BAG MODULES TO PREVENT INTERACTION BETWEEN THE INFLATOR AND AIR BAG DURING DEPLOYMENT.	C11275671	2L2A 78043B13 AAW	2L2A 78043B13 ABW		J2 2002		
		REPLACE DRIVER AIR BAG INFLATOR FROM CURRENT ADI9.2 TO ADI9.2GUNI. FOR ALL EXPLORER/EXPIDITION MODULES.	C11410191	2L2A 78043B13 ABW	3L24 78043B13 AAW		J1 2004		
		CONVERT TO PLASTIC RETAINER FOR U152 AND U222 DRIVER AIRBAG PROGRAMS.	C11504913	3L24 78043B13 AAW	4L24 78043B13 AAW		RC 2004		
		REMOVE GAP HIDERS FROM 'B' SIDE OF COVER FOR ASSEMBLY IMPROVEMENT FOR U152.	C11575734	4L24 78043B13 AAW	4L24 78043B13 ABW		RC 2004		
		DELETE THRESHOLD CAP FOR U152 DAB	C11633272	4L24 78043B13 ABW	5L24 78043B13 AAW		J2 2005		
		U152 SIMPLE BAG DESIGN MCR CHANGE.	C11633268	5L24 78043B13 AAW	5L24 78043B13 ABW		J2 2005		

## Mountaineer

Part	A	B	C	D	E	F		G	H
	Incorporated Into Vehicle Production	Description of Change	Reasons for Change	Original	Modified	Disposition of Original Parts		New Component Availability Date	New Component Interchangeable With Old (Y/N - Intended versus Possible)
				Ford Engineering Part Number	Ford Engineering Part Number	Withdrawn from Ford Production Inventory (Scrap/Consume/Rework)	Effective Date		
Driver Front Air Bag		REVISE 2001 EXPLORER DAB TO A DUAL STAGE INFLATOR SYSTEM TO SUPPORT THE 2002 EXPLORER. THE DUAL STAGE INFLATOR WILL HAVE TWO INTEGRAL CONNECTORS WITHOUT A WIRE HARNESS.	C11085980		2L2A 78043B13 BAW		J1 2002		
		REVISE INFLATOR FILTER/HEAT SINK ON U152/U222 DUAL STAGE DRIVER AIR BAG MODULES TO PREVENT INTERACTION BETWEEN THE INFLATOR AND AIR BAG DURING DEPLOYMENT.	C11275671	2L2A 78043B13 BAW	2L2A 78043B13 BBW		J2 2002		
		REPLACE DRIVER AIR BAG INFLATOR FROM CURRENT ADI9.2 TO ADI9.2GUNI. FOR ALL EXPLORER/EXPIDITION MODULES.	C11410191	2L2A 78043B13 BBW	3L24 78043B13 BAW		J1 2004		
		CONVERT TO PLASTIC RETAINER FOR U152 AND U222 DRIVER AIRBAG PROGRAMS.	C11504913	3L24 78043B13 BAW	4L24 78043B13 BAW		RC 2004		
		REMOVE GAP HIDERS FROM "B" SIDE OF COVER FOR ASSEMBLY IMPROVEMENT FOR U152.	C11575734	4L24 78043B13 BAW	4L24 78043B13 BBW		RC 2004		
		DELETE THRESHOLD CAP FOR U152 DAB	C11633272	4L24 78043B13 BBW	5L24 78043B13 BAW		J2 2005		
		U152 SIMPLE BAG DESIGN MCR CHANGE.	C11633268	5L24 78043B13 BAW	5L24 78043B13 BBW		J2 2005		

Part	A	B	C	D	E	F		G	H
	Incorporated Into Vehicle Production	Description of Change	Reasons for Change	Original	Modified	Disposition of Original Parts		New Component Availability Date	New Component Interchangeable With Old (Y/N - Intended versus Possible)
				Ford Engineering Part Number	Ford Engineering Part Number	Withdrawn from Ford Production Inventory (Scrap/ Consume/ Rework)	Effective Date		
Driver Front Air Bag		Revise cold deployment to -20C; switch gap to 2.25 +/- 0.5mm; switch mounting attachments; revise back cover to allow for movement of the r/c switch during horn actuation		2C54-78043B13-BEW / 2C54-78043B13-CEW	3C54-78043B13-AAW / 3C54-78043B13-BAW	Consume			Y
		Add top clear coat		3C54-78043B13-AAW / 3C54-78043B13-BAW	3C54-78043B13-ABW / 3C54-78043B13-BBW	Consume			Y
		Revise material of the insulator from PP1498 to Delrin 500BK602		3C54-78043B13-ABW / 3C54-78043B13-BBW	3C54-78043B13-ACW / 3C54-78043B13-BCW	Consume			Y
		Convert to guni propellant for U231 driver air bag program.		3C54-78043B13-ACW / 3C54-78043B13-BCW	4C54-78043B13-AAW / 4C54-78043B13-BAW	Consume			Y
		Replace horn wire harness ground screw with P221 horn wire harness ground screw. Eliminate guni propellant change.		4C54-78043B13-AAW / 4C54-78043B13-BAW	4C54-78043B13-ABW / 4C54-78043B13-BBW	Consume			Y

## Navigator

Part	A	B	C	D	E	F		G	H
	Incorporated Into Vehicle Production	Description of Change	Reasons for Change	Original	Modified	Disposition of Original Parts		New Component Availability Date	New Component Interchangeable With Old (Y/N - Intended versus Possible)
				Ford Engineering Part Number	Ford Engineering Part Number	Withdrawn from Ford Production Inventory (Scrap/ Consume/ Rework)	Effective Date		
Driver Front Air Bag		CHANGE TO GUNI PROPELLANT FOR U228 DRIVER AIRBAG PROGRAMS.	C11487640	2L7A-78043B13-CGW 2L7A-78043B13-BHW	4L7A-78043B13-AAW 4L7A-78043B13-BAW		PJ1 2004	JUL 2004	Y
		ILVS DRIVER AIR BAG FOR 2005 U228 PROGRAMS AT MTP.	C11575075	4L7A-78043B13-AAW 4L7A-78043B13-BAW	5L74-78043B13-AAW 5L74-78043B13-BAW		J1 2005		Y
		REPLACE HORN WIRE HARNESS GROUND SCREW WITH P221 HORN WIRE HARNESS GROUND SCREW.	C11613201	4L7A-78043B13-AAW 4L7A-78043B13-BAW 5L74-78043B13-AAW 5L74-78043B13-BAW	4L7A-78043B13-ABW 4L7A-78043B13-BBW 5L74-78043B13-ABW 5L74-78043B13-BBW		RC 2004 J1 2005		Y
		REMOVE HEX CHROME FROM U228 DRIVER AIRBAG ASSEMBLY	C11627257	5L74-78043B13-ABW 5L74-78043B13-BBW	6L74-78043B13-AAW 6L74-78043B13-BAW		J1 2006		
		U228 DELETE THRESHOLD CAP AS MCR CHANGE FOR U228 PROGRAM	C11633272	4L7A-78043B13-ABW 4L7A-78043B13-BBW 5L74-78043B13-ABW 5L74-78043B13-BBW 6L74-78043B13-AAW 6L74-78043B13-BAW	4L7A-78043B13-ACW 4L7A-78043B13-BCW 5L74-78043B13-ACW 5L74-78043B13-BCW 6L74-78043B13-ABW 6L74-78043B13-BBW		SERVICE J2 2005 J1 2006		Y
		U228 SIMPLE BAG DESIGN FOR MCR ACTION	C11633268	4L7A-78043B13-ACW 4L7A-78043B13-BCW 5L74-78043B13-ACW 5L74-78043B13-BCW 6L74-78043B13-ABW 6L74-78043B13-BBW	4L7A-78043B13-ADW 4L7A-78043B13-BDW 5L74-78043B13-ADW 5L74-78043B13-BDW 6L74-78043B13-ACW 6L74-78043B13-BCW		SERVICE J2 2005 J1 2006		Y
		INCREASE CUT OUT ON THE SWITCH WING IN REACTION PLATE	C11690281	5L74-78043B13-ADW 5L74-78043B13-BDW 6L74-78043B13-ACW 6L74-78043B13-BCW	5L74-78043B13-AEW 5L74-78043B13-BEW 6L74-78043B13-ADW 6L74-78043B13-BDW				Y
		FLEXGUARD WIRE HARNESS PROTECTION CHANGE FOR U228 PROGRAM.	C11712875	5L74-78043B13-AEW 5L74-78043B13-BEW 6L74-78043B13-ADW 6L74-78043B13-BDW	5L74-78043B13-AFW 5L74-78043B13-BFW 6L74-78043B13-AEW 6L74-78043B13-BEW		PJ1		Y

---

**From:** Chascsa, Jim (JRCII.)  
**Sent:** Monday, April 12, 2010 9:56 AM  
**To:** Culkeen, Patrick (P.M.)  
**Subject:** FW: Driver Airbag Part Numbers Needed  
**Attachments:** DAB part numbers 4-8-10.xls.zip

[Patrick,](#)

[Here's the Autoliv part numbers.](#)

Jim Chascsa  
Design and Release Supervisor  
Global Technical Specialist  
Steering Wheel, Driver Airbag and Inflator Design  
313-805-5896

---

**From:** Easton, Jessica (J.A.)  
**Sent:** Thursday, April 08, 2010 4:14 PM  
**To:** Chascsa, Jim (JRCII.)  
**Subject:** FW: Driver Airbag Part Numbers Needed

Autoliv's DAB Part numbers!

Have a great day,

***Jessica A. Easton***

Ford Motor Company  
Restraints-SW/DAB D&R  
Mobile: (313)805-5117  
E-mail: jeaston5@ford.com

-----Original Message-----

From: Russ.Gans@autoliv.com [<mailto:Russ.Gans@autoliv.com>]  
Sent: Thursday, April 08, 2010 4:10 PM  
To: Easton, Jessica (J.A.)  
Cc: Easton, Jessica (J.A.); Joel.Wachowski@autoliv.com; Ted.Kehres@autoliv.com  
Subject: RE: Driver Airbag Part Numbers Needed

Jessica,

Here's what I can find for today on this. One quick note. The DAB on the U204 (2004-6 Escape and Mariner) was part of a WAB. Therefore there are multiple part numbers based on all the SW configurations possible. I have not provided every single part number. To do this will take more time if you need it.

Also, the V229 was shipped in MY05.5 and MY06 as an WAB assembly with a worm gear even though the module was a separate part.

Call with any questions.

Thanks(See attached file: DAB part numbers 4-8-10.xls.zip)

3/3/2011

Russ Gans  
Office 248-475-0441

"Easton, Jessica  
(J.A.)"  
<jeaston5@ford.co To  
m> "Easton, Jessica (J.A.)"  
<jeaston5@ford.com>,  
04/08/2010 02:10 <Ted.Kehres@autoliv.com>,  
PM <Russ.Gans@autoliv.com>,  
<Joel.Wachowski@autoliv.com>  
cc

Subject  
RE: Driver Airbag Part Numbers  
Needed

Team,

What is the status on this?

~Jessica~

---

From: Easton, Jessica (J.A.)  
Sent: Wednesday, April 07, 2010 4:55 PM  
To: 'Ted.Kehres@autoliv.com'; Russ.Gans@autoliv.com;  
'Joel.Wachowski@autoliv.com'  
Cc: Easton, Jessica (J.A.)  
Subject: Driver Airbag Part Numbers Needed

Sorry about that - I hope this works

Make	Model	Model Years
Ford	E-150	2004 2005 2006
Ford	E-250	2004 2005 2006
Ford	E-350	2004 2005 2006
Ford	Escape	2004 2005 2006
Ford	Escape HEV	2004 2005 2006
Ford	Freestar	2004 2005 2006
Ford	Freestyle	2004 2005 2006
Mercury	Mariner	2004 2005 2006
Mercury	Mariner HEV	2004 2005 2006
Mercury	Montego	2004 2005 2006
Mercury	Monterey	2004 2005 2006

Jessica A. Easton  
Ford Motor Company  
Restraints-SW/DAB D&R  
Mobile: (313)805-5117  
E-mail: jeaston5@ford.com

\*\*\*\*\*

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	2004	2005	2006
Ford E-150	4C25-15043B13-B		
Ford E-250	4C25-15043B13-B		
Ford E-350	4C25-15043B13-B		
Ford Escape - WAB		5L84-78043B13-KBW	
Ford Escape HEV - WAB		5M64-78043B13-BBW	6M64-78043B13-BCW
Ford Freestar - WAB		5F23-3F824-A	5F23-3F824-A
- DAB	3F23-17043B13-A	5F23-17043B13-A	5F23-17043B13-A
Ford Freestyle	5F93-74043B13-A	5F93-74043B13-A	6F93-74043B13-A
Mercury Mariner		5E64-78043B13-ABW	6E64-78043B13-AAW
Mercury Mariner HEV		5M64-78043B13-BBW	
Mercury Montego	5T53-74043B13-A	5T53-74043B13-A	6T53-74043B13-A
Mercury Monterey - WAB		5F23-3F824-C	5F23-3F824-C
- DAB	3F23-17043B13-C	5F23-17043B13-C	5F23-17043B13-C

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**From:** Prescott, Amanda (A.B.)  
**Sent:** Thursday, December 16, 2010 3:00 PM  
**To:** Culkeen, Patrick (P.M.)  
**Cc:** Fronckowiak, Todd (T.M.)  
**Subject:** FW: Follow-up questions on EA10-001  
**Attachments:** Please provide information.pdf

Pat,  
Spoke with Ray regarding these additional questions. I let Scott know that we would not have answers to the attached questions until after the new year. That being said, if you can make any headway getting the requested parts change logs before the holidays it will make it easier after the holidays.

One other item that we haven't talked much about is releasing the jumper for service. If you could follow up with the appropriate individuals to try and getting the process rolling on releasing the part for service by the beginning of January.

Have a good holiday.

Amanda

---

**From:** Nevi, Raymond (R.A.)  
**Sent:** Thursday, December 16, 2010 2:39 PM  
**To:** Prescott, Amanda (A.B.)  
**Subject:** Fw: Follow-up questions on EA10-001

---

**From:** Scott.Yon@dot.gov [mailto:Scott.Yon@dot.gov]  
**Sent:** Thursday, December 16, 2010 02:36 PM  
**To:** Nevi, Raymond (R.A.)  
**Cc:** Peter.Ong@dot.gov <Peter.Ong@dot.gov>; marie.choi@dot.gov <marie.choi@dot.gov>; Richard.Boyd@dot.gov <Richard.Boyd@dot.gov>  
**Subject:** Follow-up questions on EA10-001

Ray,

We have a few questions we need Ford's response on (I can submit these via a formal letter if need be). Please review and let me know if you have questions or we need to discuss further. If not, can you provide an estimate of when Ford will be able to respond please?

Thank you,  
Scott

D. Scott Yon  
Chief, Vehicle Integrity Division (VID), NVS-212  
U.S. Department of Transportation  
National Highway Traffic Safety Administration  
Office of Defects Investigation (ODI)  
Room W48-314  
1200 New Jersey Ave, SE  
Washington, DC  
20590  
Direct: 202-366-0139  
Toll Free: 1-877-5 DOT DOT (536-8368) ext 60139  
Fax: 202-366-1767

2/28/2011

EA10-001.9 000102

-----  
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=====

Please provide information/clarification for the following items:

1. In the PE & EA responses, Ford identified the cause of the airbag inadvertent deployments was due to a wire chafe in the “jumper” wire of the clockspring assy. Changes to the airbag module, clockspring assy and the horn plate were made to the MY2007 vehicles:
  - a. Was the wiring harness leading from the clockspring assy to the RCM changed as it relates to the alleged defect? If so, please provide change history/part number chronology
  - b. Was the RCM changed as it relates the alleged defect? If so, please provide change history/part number chronology.
  - c. Was there any other changes along the DAB circuit that was changed as it relates to the alleged defect?
2. From the EA response, Ford provided documentations on taking out the “jumper” wire from the clockspring assy...What is status of the “jumper” part? Is it now available in system stock? What is the p/n? Is it interchangeable on MY2004-2008 F150 vehicles?

---

**From:** Chascsa, Jim (JRCII.)  
**Sent:** Wednesday, July 21, 2010 1:26 PM  
**To:** Culkeen, Patrick (P.M.)  
**Subject:** FW: FW: P221 Module Info  
**Attachments:** Reverse Fire Sequence.ppt

[Patrick,](#)

[Per our discussion.](#)

Jim Chascsa  
Design and Release Supervisor  
Global Technical Specialist  
Steering Wheel, Driver Airbag and Inflator Design  
313-805-5896

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**From:** Lynch, Jim (J.)  
**Sent:** Wednesday, July 21, 2010 12:14 PM  
**To:** Chascsa, Jim (JRCII.)  
**Subject:** FW: FW: P221 Module Info

---

**From:** Steve Ahlquist [mailto:Steve.Ahlquist@TRW.COM]  
**Sent:** Tue 7/20/2010 5:31 PM  
**To:** Lynch, Jim (J.); Andrew Smydra  
**Cc:** Gregory, Zygmunt (Z.); Greg Heyboer  
**Subject:** Re: FW: P221 Module Info

Jim,  
Answers below:  
1. How many TRW plants produced the 2004 - 2006 model year F-150 driver airbag module?

Answer: 1

2. Are there multiple sub-suppliers that produce lower horn plate module and were there any substantive changes in the parts during the 2004 - 2006 model year production run?

Answer:

There was only one supplier producing the lower horn plate from 2004 - 2006 Model Year.

There were no design changes to the horn plate during 2004-2006 Model Year. There was a process change to move the manufacturing location of the plate at the sub supplier Dickey Grabler from one plant to another (still in the Dickey Grabler company) on January, 2005.

Please advise if you need anything further.

Best regards,  
Steve

>>> "Lynch, Jim (J.)" <jlynch12@ford.com> 7/19/2010 1:18 PM >>>  
Andy,

Please provide me info for items 1 & 2. I've contacted Mesa for items 3 & 4.

3/3/2011

EA10-001.9 000105

Regards,  
Jim Lynch  
TRW Occupant Safety Systems  
Phone: 313-390-3288  
Cell: 734-552-2833  
e-mail: JLYnch12@ford.com or Jim.Lynch@TRW.com

-----Original Message-----

From: Lynch, Jim (J.)  
Sent: Monday, July 19, 2010 1:08 PM  
To: Lynch, Jim (J.)  
Subject:

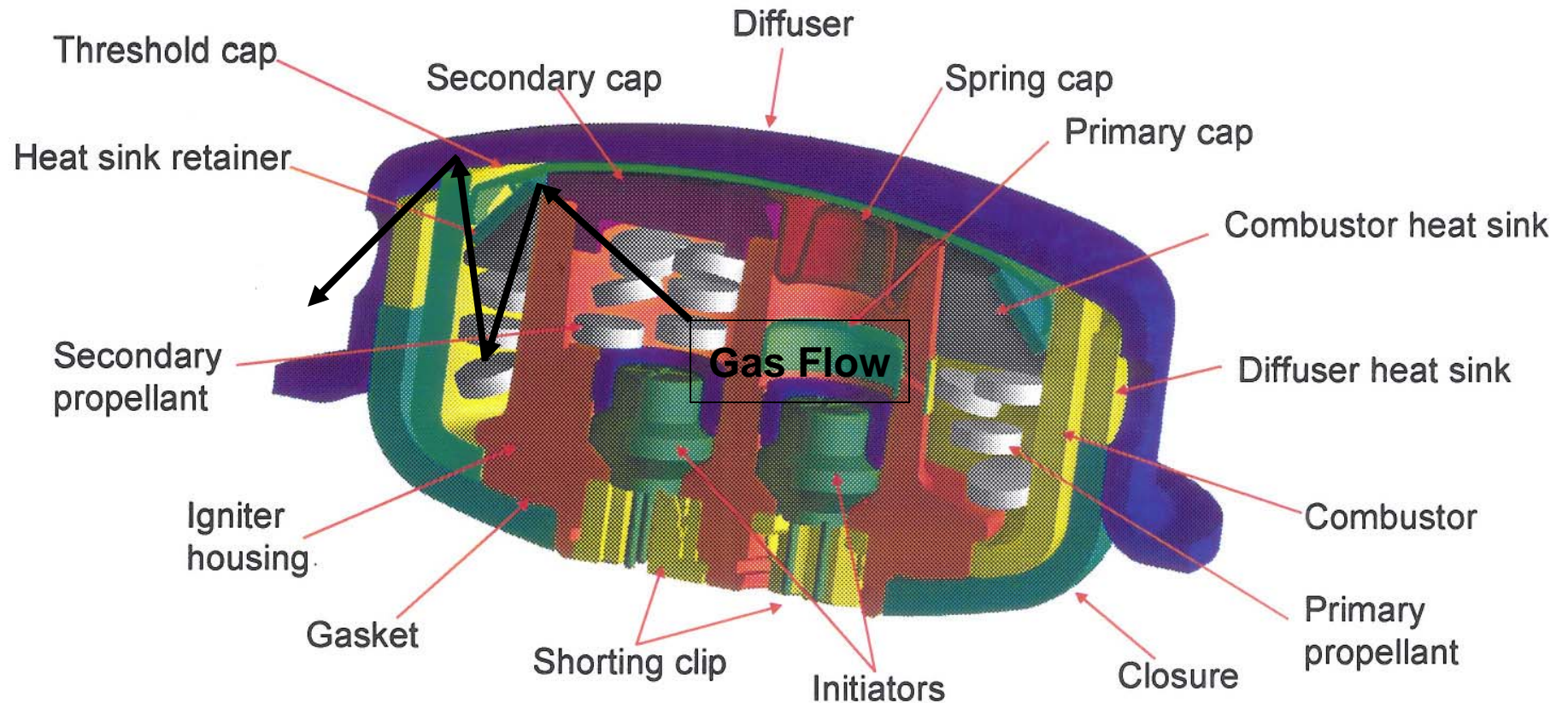
Please open the attached document. This document was digitally sent to you using an HP Digital Sending device.

To view this document you need to use the Adobe Acrobat Reader. For more information on the HP MFP Digital Sending Software or a free copy of the Acrobat reader please visit:

[http://www.hp.com/go/HP\\_Digital\\_Sender\\_Module.com](http://www.hp.com/go/HP_Digital_Sender_Module.com)

# Reverse Fire Sequence

## DI-9.2 Inflator



---

**From:** Chascsa, Jim (JRCII.)  
**Sent:** Thursday, April 22, 2010 10:48 AM  
**To:** Culkeen, Patrick (P.M.)  
**Subject:** FW: FW: Wiring Diagram Summary Table

**Attachments:** Part Number\_ Vehicle List Rev 2\_22Apr2010.xls



Part Number\_  
Vehicle List Rev ...

Jim Chascsa  
Design and Release Supervisor  
Global Technical Specialist  
Steering Wheel, Driver Airbag and Inflator Design  
313-805-5896

-----Original Message-----

From: Andrew Smydra [mailto:Andrew.Smydra@TRW.COM]  
Sent: Thursday, April 22, 2010 10:16 AM  
To: Chascsa, Jim (JRCII.)  
Cc: Dean, Michael (M.J.); Steve Ahlquist  
Subject: Re: FW: Wiring Diagram Summary Table

Please see attached chart for Single Stage Inflator updates.

Explorer, Mountaineer, and Explorer Sport have been revised.  
Let me know.

>>> "Chascsa, Jim (JRCII.)" <jchascsa@ford.com> 4/22/2010 9:13 AM >>>  
Andy,

For your and Mike's info!

Jim Chascsa  
Design and Release Supervisor  
Global Technical Specialist  
Steering Wheel, Driver Airbag and Inflator Design  
313-805-5896

> \_\_\_\_\_  
> From: Culkeen, Patrick (P.M.)  
> Sent: Thursday, April 22, 2010 9:11 AM  
> To: Chascsa, Jim (JRCII.); Bahr, Wayne (W.E.)



> Subject: Wiring Diagram Summary Table  
>  
> Jim & Wayne,  
>  
> Per this morning's phone call, I have reviewed the wiring diagrams for  
> the 2002-2005 MY Explorer, Explorer Sport, Explorer Sport Trac,  
> Mountaineer, and Aviator vehicles. Could you please confirm the  
> number of stages for the vehicles listed in the table and reply no  
> later than 2:00 pm today?  
>  
> Patrick M. Culkeen  
>  
> Ford Motor Company  
> Automotive Safety Office  
> External Safety Investigations  
> Fairlane Plaza South, Suite 500  
> 330 Town Center Drive  
> Dearborn, MI 48126-2738 USA  
> W: (313) 594-4792  
> F: (313) 594-2268  
>  
>  
>  
> <<Number of Squibs.xls>>  
>

Subject Vehicles, DS=Dual Stage Inflator, SS=Single Stage Inflator							
Make	Model	Program	Model Years				
Ford	F-150	P221	2004	2005	2006	2007	
			4L34 15043B13 BFW	5L34 15043B13 CDW	6L34 - 15043B13 CCW	7L34 15043B13 CBW	
Part No.			DS,30355411	DS,30363977		DS,30373779	
Ford	F-150	PN96	2004	2005	2006		
			?	5L34 15034B13 ACW	6L34 15034B13 CCW		
Part No.					30374847		
Lincoln	Mark LT	P221	2004	2005	2006		
			NA	5L34 15043B13 BEW	6L34 15043B13 BBW		
Part No.				DS,30367187	DS,30374493		
Ford	Explorer	U152 / U251	2002/U152	2003/U152	2004/U152	2005/U251	2006/U251
			2L2A 78043B13 ACW	3L24 78043B13 AAW	4L24/5L24 78043B13 AAW	6L24-78043B13 AKW	7L24-78043B13 AAW
Part No.			DS,30339920	DS,30357058	DS,30365508	DS,30362490	DS,30362490
Ford	Sport Trac	P207	2002	2003	2004	2005	2006
			1L5A 10043B13 CBW	1L5A 10043B13 CBW	1L5A 10043B13 CBW	Not TRW	Not TRW
Part No.			SS,30336795	SS,30336795	SS,30336795		
Mercury	Mountaineer		2002/U152	2003/U152	2004	2005/U251	2006/U251
			2L2A 78043B13 BCW	3L24 78043B13 BAW	4L24/5L24 78043B13 BAW	6L94-78043B13 AKW	7L94-78043B13 AAW
Part No.			DS,30339933	DS,30357279	DS,30365509	DS,30366135	DS,30366135
Lincoln	Aviator	U231	2002	2003	2004	2005	
			NA	3C54 78043B13 ABW / BBW	4C54 78043B13 AAW / BAW	5C34 78043B13 AAW / BAW	

Part No.

DS,30356580/  
30356581

DS,30364227/  
30364230

DS,30364227/  
30364230

Peer Vehicles					
Make	Model	Program	Model Years		
Ford	F-150	P221	2007		
			7L34 15043B13 CBW		
Lincoln	Mark LT	P221	2007		
			7L34 15043B13 DBW		
Ford	E-150		2004	2005	2006
Ford	E-250		2004	2005	2006
Ford	E-350		2004	2005	2006
Ford	Escape		2004	2005	2006
Ford	Escape HEV		2004	2005	2006
Ford	Excursion		2004	2005	2006
Ford	Expedition	U222	2004	2005	2006
			4L14 78043B13 AAW	5L14 78043B13 AAW	6L14 78043B13 ABW
Part No.			30371105	30364928	30374422
Ford	F-250	PHN131	2004	2005	2006
			4C34 25043B13 ACW	5C34 25043B13 BBW	6C34 25043B13 ADW
Part No.			30357504	30379979	30374663
	F-350				
Part No.					
Ford	Freestar		2004	2005	2006
Ford	Freestyle		2004	2005	2006
Ford	Ranger		2004	2005	2006
Lincoln	Navigator	U228 2003	2004	2005	2006
		2L7A 78043B13 BAW / CAW	4L7A 78043B13 AAW / BAW	5L7A 78043B13 AEW / BEW	6L7A 78043B13 AEW / BEW
Part No.		30350320/ 30350321	30364229/ 30364228	30370027/ 30370028	30373826/ 30373827
Mercury	Mariner		2004	2005	2006
Mercury	Mariner HEV		2004	2005	2006
Mercury	Montego		2004	2005	2006
Mercury	Monterey		2004	2005	2006

---

**From:** Chascsa, Jim (JRCII.)  
**Sent:** Wednesday, April 14, 2010 8:26 AM  
**To:** Culkeen, Patrick (P.M.)  
**Cc:** Dean, Michael (M.J.)  
**Subject:** FW: Initial pics for DAB modules

**Attachments:** DAB module pictures past production 4-13-10.pdf.zip



DAB module  
ictures past produ..

Jim Chascsa  
Design and Release Supervisor  
Global Technical Specialist  
Steering Wheel, Driver Airbag and Inflator Design  
313-805-5896

-----Original Message-----

From: Russ.Gans@autoliv.com [mailto:Russ.Gans@autoliv.com]  
Sent: Tuesday, April 13, 2010 8:03 PM  
To: Chascsa, Jim (JRCII.)  
Cc: Greg Hamman; Easton, Jessica (J.A.)  
Subject: Initial pics for DAB modules

Jim,

Here's initial pics of modules I could find here.

I am working on getting the others.

(See attached file: DAB module pictures past production 4-13-10.pdf.zip)

Russ Gans  
Office 248-475-0441

\*\*\*\*\*

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\*\*\*\*\*



# **Autoliv DAB Modules – MY 2004 - 2006**

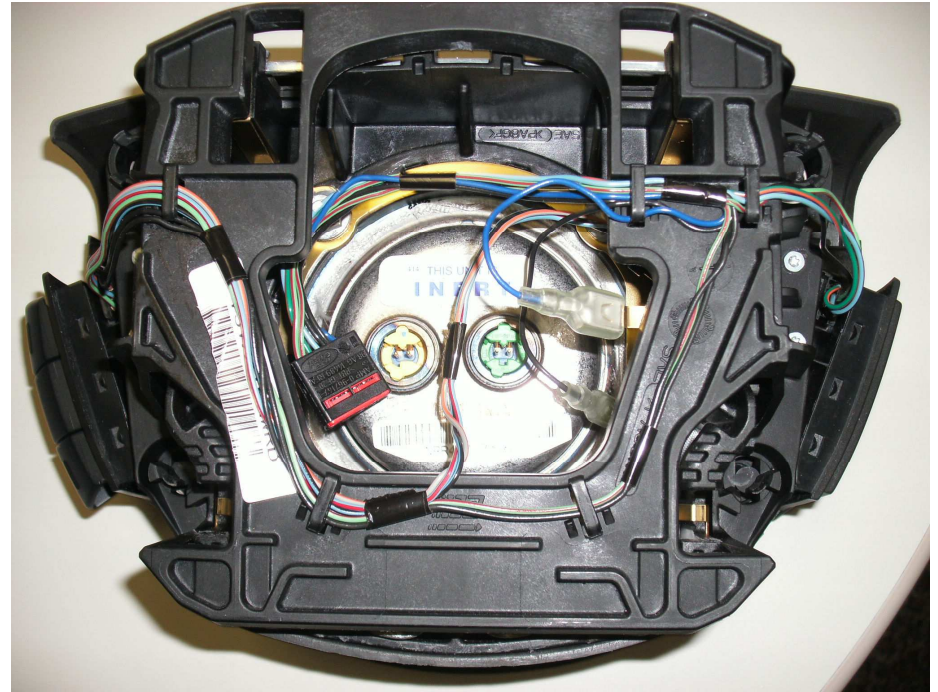
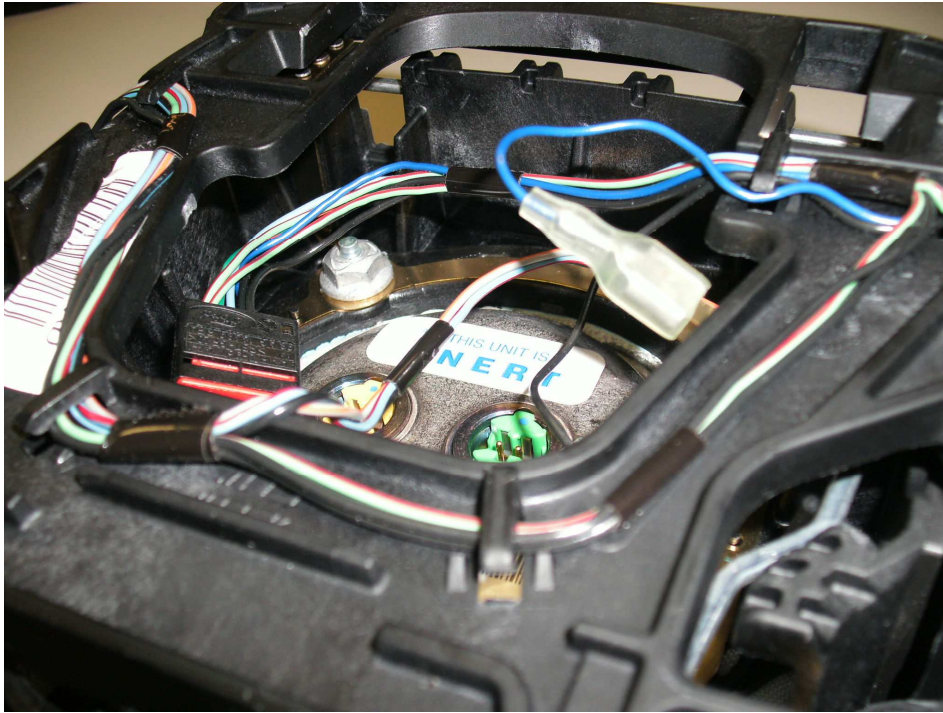






Ford VN127 DAB MY04-06  
Econoline – E-150/250/350





Ford D219/258/333 DAB  
MY04-06

Ford Five Hundred /  
Ford Freestyle /  
Mercury Montego





---

**From:** Prescott, Amanda (A.B.)  
**Sent:** Thursday, August 12, 2010 2:25 PM  
**To:** Culkeen, Patrick (P.M.)  
**Subject:** FW: Jumper harness release

---

**From:** Sutherland, Roy (R.W.)  
**Sent:** Thursday, August 12, 2010 1:39 PM  
**To:** Prescott, Amanda (A.B.)  
**Cc:** Kreiger, Erik (E.)  
**Subject:** RE: Jumper harness release

Amanda,

The Wers is almost done. Drawings have been completed and submitted into TCE/FordDoc and the WACTS table is just waiting for the release analyst to move the notice from "A" to "C"-complete status. I believe this should happen either later today or tomorrow. Once that is done, then my part of the notice process is finished.

Regards,

**Roy Sutherland Jr.**

Ford Core Clockspring, Steering Wheel Switch,  
Global Door Lock/Memory Set & Headlamp Switch D&R Engineer  
Email: [rsutherl@ford.com](mailto:rsutherl@ford.com)  
Phone: 313-805-6905  
Bldg#5, Cube 1D009

---

**From:** Prescott, Amanda (A.B.)  
**Sent:** Thursday, August 12, 2010 1:21 PM  
**To:** Sutherland, Roy (R.W.)  
**Cc:** Kreiger, Erik (E.)  
**Subject:** Jumper harness release

Roy,  
What is the status of the WERS notice for the jumper harness?

**Amanda Prescott**  
Automotive Safety Office  
Senior Research Engineer  
313-845-7295  
Fairlane Plaza South-Suite 500

---

**From:** Chascsa, Jim (JRCII.)  
**Sent:** Tuesday, April 13, 2010 1:44 PM  
**To:** Dean, Michael (M.J.)  
**Subject:** FW: New & More Improved Worksheet

**Attachments:** Chascsa PN DAB file.xls

Jim Chascsa  
Design and Release Supervisor  
Global Technical Specialist  
Steering Wheel, Driver Airbag and Inflator Design  
313-805-5896

---

**From:** Culkeen, Patrick (P.M.)  
**Sent:** Tuesday, April 13, 2010 12:27 PM  
**To:** Chascsa, Jim (JRCII.)  
**Subject:** New & More Improved Worksheet

Jim,

Try this workbook for the correct vehicle lines, MY, PN's.

*Patrick M. Culkeen*

**Ford Motor Company**  
Automotive Safety Office  
External Safety Investigations  
Fairlane Plaza South, Suite 500  
330 Town Center Drive  
Dearborn, MI 48126-2738 USA  
W: (313) 594-4792  
F: (313) 594-2268



Chascsa PN DAB  
file.xls

# EA10-001: Driver Air Bag Design Type Number of Stages

		Subject Vehicles									
		Model Years									
		2002		2003		2004		2005		2006	
Make	Model	Design	Stages	Design	Stages	Design	Stages	Design	Stages	Design	Stages
Ford	F-150					Floating	2-Stg	Floating	2-Stg	Floating	2-Stg
Ford	F-150 Heritage					Fixed	1-Stg				
Lincoln	Mark LT									Floating	2-Stg
Ford	Explorer	Fixed	2-Stg	Fixed	2-Stg	Fixed	2-Stg	Fixed	2-Stg	Fixed	2-Stg
Ford	Sport Trac										
Mercury	Mountaineer										
Lincoln	Aviator										

	Requested by the agency, but not in production for that MY
	Requested by the agency, but not sold in the U.S.
	Not requested by the agency

		Peer Vehicles	
		2007	
Make	Model	Design	Stages
Ford	F-150	Floating	2-Stg
Lincoln	Mark LT	Floating	2-Stg

		Peer Vehicles					
		2004		2005		2006	
Make	Model	Design	Stages	Design	Stages	Design	Stages
Ford	E-150	Fixed	1-Stg	Fixed	1-Stg	Fixed	1-Stg
Ford	E-250	Fixed	1-Stg	Fixed	1-Stg	Fixed	1-Stg
Ford	E-350	Fixed	1-Stg	Fixed	1-Stg	Fixed	1-Stg
Ford	Escape						
Ford	Escape HEV						
Ford	Excursion	Fixed	1-Stg	Fixed	1-Stg		
Ford	Expedition	Fixed	2-Stg	Fixed	2-Stg	Fixed	2-Stg
Ford	F-250	Fixed	1-Stg	Fixed	1-Stg	Fixed	1-Stg
Ford	F-350	Fixed	1-Stg	Fixed	1-Stg	Fixed	1-Stg
Ford	Freestar						
Ford	Freestyle						
Ford	Ranger						
Lincoln	Navigator	Floating	2-Stg	Floating	2-Stg	Floating	2-Stg
Mercury	Mariner						
Mercury	Mariner HEV						
Mercury	Montego						
Mercury	Monterey						

	Requested by the agency, but not in production for that MY
	Requested by the agency, but not sold in the U.S.
	Not requested by the agency
	Passenger car

## Program Number by Vehicle MY

Subject Vehicles						
Make	Model	Model Years				
		2002	2003	2004	2005	2006
Ford	F-150			P221	P221	P221
Ford	F-150			PN96		
Lincoln	Mark LT					P397
Ford	Explorer	U152/U207	U152/U208	U152	U152	U251
Ford	Sport Trac	P207	P207	P207	P207	P251
Mercury	Mountaineer	U152	U152	U152	U152	U251
Lincoln	Aviator		U231	U231	U231	

Peer Vehicles					
Make	Model	Model Years			
		2004	2005	2006	2007
Ford	F-150				P221
Lincoln	Mark LT				P397
Ford	E-150	VN127	VN127	VN127	
Ford	E-250	VN127	VN127	VN127	
Ford	E-350	VN127	VN127	VN127	
Ford	Escape	U204	U204	U204	
Ford	Escape HEV		U293	U293	
Ford	Excursion	?	U137	U137	
Ford	Expedition	U222	U222	U222	
Ford	F-250	P131	P131	P131	
Ford	F-350	P131	P131	P131	
Ford	Freestar	V229	V229	V229	
Ford	Freestyle		D219	D219	
Ford	Ranger	P150	P150	P150	
Lincoln	Navigator	U228	U228	U228	
Mercury	Mariner		U364	U364	
Mercury	Mariner HEV			?	
Mercury	Montego	D186	D333	D333	
Mercury	Monterey	V229	V229	V229	

# NHTSA Information Request

## Vehicle Lines by MY

		Subject Vehicles				
		Model Years				
Make	Model	2002	2003	2004	2005	2006
Ford	F-150			4L34 15043B13 CDW	5L34 1504B13 CDW	6L34 - A5043B13 CCW
Ford	F-150			2004		
Lincoln	Mark LT					6L34 1504B13 BBW
Ford	Explorer	2002	2003	2004	6L24-78043B13 AKW	
Ford	Sport Trac	1L5A 10043B13 CBW	1L5A 10043B13 CBW	1L5A 10043B13 CBW	2005	
Mercury	Mountaineer	2002	2003	2004	6L94-78043B13 AKW	
Lincoln	Aviator		2003	2004		

		Peer Vehicles			
		Model Years			
Make	Model	2004	2005	2006	2007
Ford	F-150				7L34 15043B13 CBW
Lincoln	Mark LT				7L34 15043B13 DBW
Ford	E-150				
Ford	E-250	4C25-15043B13-B	2005	2006	
Ford	E-350	4C25-15043B13-B	2005	2006	
Ford	Escape	2004	5L84-78043B13-KBW	2006	
Ford	Escape HEV	2004	5M64-78043B13-BBW	6M64-78043B13-BCW	
Ford	Excursion	2004	2005		
Ford	Expedition	2004	2005	2006	
Ford	F-250	2004	2005	2006	
Ford	F-350	2004	2005	2006	
Ford	Freestar		2005	2006	
Ford	Freestyle	5F93-74043B13-A	5F93-74043B13-A	6F93-74043B13-A	
Ford	Ranger	4L54-10043B13-A	2005	2006	
Lincoln	Navigator	2004	2005	2006	
Mercury	Mariner		5E64-78043B13-ABW	6E64-78043B13-AAW	
Mercury	Mariner HEV		5M64-78043B13-BBW	2006	
Mercury	Montego	2004	2005	2006	
Mercury	Monterey	2004	2005	2006	

Vehicles not requested by the agency

Requested by the agency, but not in production for that MY for sale in US (from VIN Rpt)

---

**From:** Chascsa, Jim (JRCII.)  
**Sent:** Wednesday, April 14, 2010 2:31 PM  
**To:** Culkeen, Patrick (P.M.)  
**Subject:** FW: P150 2005 and 2007 DAB

**Attachments:** P150\_2005\_DAB.jpg; P150\_2007\_DAB.jpg

Jim Chascsa  
Design and Release Supervisor  
Global Technical Specialist  
Steering Wheel, Driver Airbag and Inflator Design  
313-805-5896

---

**From:** Dubaisi, Adnan (A.N.)  
**Sent:** Wednesday, April 14, 2010 2:24 PM  
**To:** Chascsa, Jim (JRCII.)  
**Subject:** P150 2005 and 2007 DAB

Jim:

Please see attached, Single and Dual stage P150 DAB Inflator.

Regards,

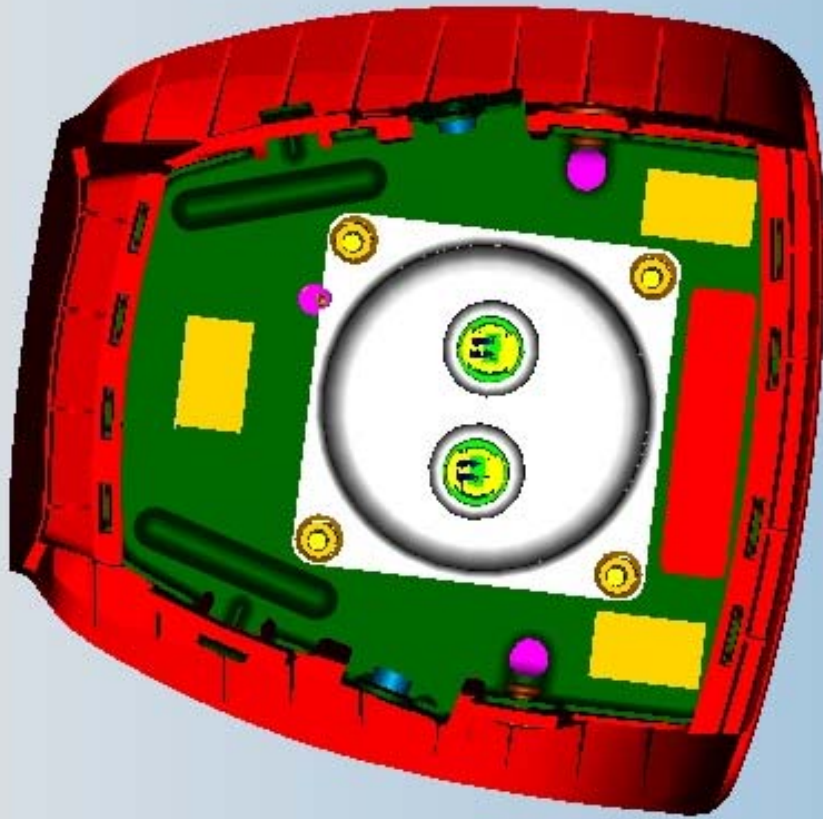


P150\_2005\_DAB.jp  
g



P150\_2007\_DAB.jp  
g

**Adnan Dubaisi**  
**NAE Body Interior / Restraints**  
**SUV/Truck/Small CAR SW/DAB D&R**  
**Tel: (313) 805-3408**  
**Email: ADUBAISI@ford.com**



---

**From:** Chascsa, Jim (JRCII.)  
**Sent:** Friday, April 16, 2010 8:03 AM  
**To:** Dean, Michael (M.J.)  
**Subject:** FW: P221 DAB Part Numbers

**Attachments:** Part Number\_ Vehicle List Rev 1\_14Apr2010.xls



Part Number\_  
Vehicle List Rev ...

Mike,

Good morning, how are you?

Does this list agree with yours? If not, please update accordingly and get the corrected one to Pat. Thanks!

Jim Chascsa  
Design and Release Supervisor  
Global Technical Specialist  
Steering Wheel, Driver Airbag and Inflator Design  
313-805-5896

-----Original Message-----

From: Andrew Smydra [mailto:Andrew.Smydra@TRW.COM]  
Sent: Thursday, April 15, 2010 4:52 PM  
To: Chascsa, Jim (JRCII.)  
Cc: Lynch, Jim (J.); Landis, Kenneth (K.M.); Andrew Smydra; Steve Ahlquist  
Subject: P221 DAB Part Numbers

Please see attached list of part numbers.

If you have any questions, please call my cell 248-705-3691.

Let me know.



Subject Vehicles							
Make	Model	Program	Model Years				
Ford	F-150	P221	2004	2005	2006	2007	
			4L34 15043B13 BFW	5L34 15043B13 CDW	6L34 - 15043B13 CCW	7L34 15043B13 CBW	
Part No.			30355411	30363977		30373779	
Ford	F-150	PN96	2004	2005	2006		
			?	5L34 15034B13 ACW	6L34 15034B13 CCW		
Part No.					30374847		
Lincoln	Mark LT	P221	2004	2005	2006		
			NA	5L34 15043B13 BEW	6L34 15043B13 BBW		
Part No.				30367187	30374493		
Ford	Explorer	U152 / U251	2002/U152	2003/U152	2004/U152	2005/U251	2006/U251
			2L2A 78043B13 ACW	3L24 78043B13 AAW	4L24/5L24 78043B13 AAW	6L24-78043B13 AKW	7L24-78043B13 AAW
Part No.			30339920	30357058	30365508	30362490	30362490
Ford	Sport Trac	P207	2002	2003	2004	2005	2006
			1L5A 10043B13 CBW	1L5A 10043B13 CBW	1L5A 10043B13 CBW	Not TRW	Not TRW
Part No.			30336795	30336795	30336795		
Mercury	Mountaineer		2002/U152	2003/U152	2004	2005/U251	2006/U251
			2L2A 78043B13 BCW	3L24 78043B13 BAW	4L24/5L24 78043B13 BAW	6L94-78043B13 AKW	7L94-78043B13 AAW
Part No.			30339933	30357279	30365509	30366135	30366135
Lincoln	Aviator	U231	2002	2003	2004	2005	
			NA	3C54 78043B13 ABW / BBW	4C54 78043B13 AAW / BAW	5C34 78043B13 AAW / BAW	

Part No.

30356580/  
30356581

30364227/  
30364230

30364227/  
30364230

Peer Vehicles					
Make	Model	Program	Model Years		
Ford	F-150	P221	2007		
			7L34 15043B13 CBW		
Lincoln	Mark LT	P221	2007		
			7L34 15043B13 DBW		
Ford	E-150		2004	2005	2006
Ford	E-250		2004	2005	2006
Ford	E-350		2004	2005	2006
Ford	Escape		2004	2005	2006
Ford	Escape HEV		2004	2005	2006
Ford	Excursion		2004	2005	2006
Ford	Expedition	U222	2004	2005	2006
			4L14 78043B13 AAW	5L14 78043B13 AAW	6L14 78043B13 ABW
Part No.			30371105	30364928	30374422
Ford	F-250	PHN131	2004	2005	2006
			4C34 25043B13 ACW	5C34 25043B13 BBW	6C34 25043B13 ADW
Part No.			30357504	30379979	30374663
	F-350				
Part No.					
Ford	Freestar		2004	2005	2006
Ford	Freestyle		2004	2005	2006
Ford	Ranger		2004	2005	2006
Lincoln	Navigator	U228 2003	2004	2005	2006
		2L7A 78043B13 BAW / CAW	4L7A 78043B13 AAW / BAW	5L7A 78043B13 AEW / BEW	6L7A 78043B13 AEW / BEW
Part No.		30350320/ 30350321	30364229/ 30364228	30370027/ 30370028	30373826/ 30373827
Mercury	Mariner		2004	2005	2006
Mercury	Mariner HEV		2004	2005	2006
Mercury	Montego		2004	2005	2006
Mercury	Monterey		2004	2005	2006

---

**From:** Dean, Michael (M.J.)  
**Sent:** Friday, July 16, 2010 9:26 AM  
**To:** Chascsa, Jim (JRCII.)  
**Subject:** FW: P221 Inflator

FYI

>Have a great day,  
>"Teamwork Leads to Success!"  
>Michael J. Dean  
>Ford Restraints - SW/DAB D&R Eng  
>pls. visit [www.thefordstory.com](http://www.thefordstory.com)

-----Original Message-----

From: Andrew Smydra [mailto:[Andrew.Smydra@TRW.COM](mailto:Andrew.Smydra@TRW.COM)]  
Sent: Friday, July 16, 2010 9:25 AM  
To: Dean, Michael (M.J.)  
Cc: Steve Ahlquist  
Subject: P221 Inflator

The inflator was a ADI version 2 with a 80/20 output.

Let me know.

---

**From:** Chascsa, Jim (JRCII.)  
**Sent:** Monday, April 12, 2010 9:55 AM  
**To:** Culkeen, Patrick (P.M.)  
**Subject:** FW: Part Numbers

**Attachments:** Subject\_Peer Vehicle List.xls



Subject\_Peer  
Vehicle List.xls

Pat,

Good morning, how are you?

Here's a start on the driver airbag module part numbers (these are the TRW module part numbers).

Jim Chascsa  
Design and Release Supervisor  
Global Technical Specialist  
Steering Wheel, Driver Airbag and Inflator Design  
313-805-5896

-----Original Message-----

From: Steve Ahlquist [mailto:Steve.Ahlquist@TRW.COM]  
Sent: Friday, April 09, 2010 5:19 PM  
To: Chascsa, Jim (JRCII.)  
Cc: Landis, Kenneth (K.M.); Andrew Smydra  
Subject: Part Numbers

Jim and Ken,  
This is what I've got so far. Please consider this preliminary for now. Will try to complete Monday next week.  
Regards,  
Steve

Subject Vehicles							
Make	Model	Program	Model Years				
Ford	F-150	P221	2004	2005	2006		
			4L34 15043B13 CDW	5L34 1504B13 CDW	6L34 - A5043B13 CCW		
Ford	F-150	PN96	2004	2005	2006		
				5L34 15034B13 ACW	6L34 15034B13 CCW		
Lincoln	Mark LT	P221	2004	2005	2006		
				5L34 1504B13 BEW	6L34 1504B13 BBW		
Ford	Explorer	U152 / U251	2002	2003	2004	2005	2006
						6L24-78043B13 AKW	7L24-78043B13 AAW
Ford	Sport Trac	P207	2002	2003	2004	2005	2006
			1L5A 10043B13 CBW	1L5A 10043B13 CBW	1L5A 10043B13 CBW	Not TRW	Not TRW
Mercury	Mountaineer		2002	2003	2004	2005	2006
						6L94-78043B13 AKW	7L94-78043B13 AAW
Lincoln	Aviator	U231	2002	2003			

Peer Vehicles					
Make	Model	Program	Model Years		
Ford	F-150	P221	2007		
			7L34 15043B13 CBW		
Lincoln	Mark LT	P221	2007		
			7L34 15043B13 DBW		
Ford	E-150		2004	2005	2006
Ford	E-250		2004	2005	2006
Ford	E-350		2004	2005	2006
Ford	Escape		2004	2005	2006
Ford	Escape HEV		2004	2005	2006
Ford	Excursion		2004	2005	2006
Ford	Expedition	U222	2004	2005	2006
Ford	F-250	PHN131	2004	2005	2006
Ford	F-350	PHN131	2004	2005	2006
Ford	Freestar		2004	2005	2006
Ford	Freestyle		2004	2005	2006
Ford	Ranger		2004	2005	2006
Lincoln	Navigator	U228	2004	2005	2006
Mercury	Mariner		2004	2005	2006
Mercury	Mariner HEV		2004	2005	2006
Mercury	Montego		2004	2005	2006
Mercury	Monterey		2004	2005	2006

---

**From:** Baker, Donna (D.J.)  
**Sent:** Thursday, July 29, 2010 7:06 AM  
**To:** Prescott, Amanda (A.B.)  
**Subject:** FW: Question for EA10001 F150 IABD  
[Yo, OK to file as .2?....](#)

---

**From:** Nevi, Raymond (R.A.)  
**Sent:** Wednesday, July 28, 2010 4:11 PM  
**To:** Baker, Donna (D.J.)  
**Subject:** RE: Question for EA10001 F150 IABD

[Or a .2 because Pat has some other questions we are answering. Talk to Amanda to see if they had thought about how to file.](#)

---

**From:** Baker, Donna (D.J.)  
**Sent:** Wednesday, July 28, 2010 3:27 PM  
**To:** Nevi, Raymond (R.A.)  
**Subject:** RE: Question for EA10001 F150 IABD

[so would this be a .1 \(or whatever\)?](#)

---

**From:** Nevi, Raymond (R.A.)  
**Sent:** Wednesday, July 28, 2010 1:36 PM  
**To:** Prescott, Amanda (A.B.); Baker, Donna (D.J.)  
**Cc:** Fronckowiak, Todd (T.M.)  
**Subject:** FW: Question for EA10001 F150 IABD

[Additional questions from NHTSA re: F-150 air bag investigation. I told Scott we would call him if we have any questions about the request.](#)

[Ray](#)

---

**From:** Scott.Yon@dot.gov [mailto:Scott.Yon@dot.gov]  
**Sent:** Wednesday, July 28, 2010 1:33 PM  
**To:** Nevi, Raymond (R.A.)  
**Cc:** Peter.Ong@dot.gov; Michael.Packard@dot.gov  
**Subject:** Question for EA10001 F150 IABD

Ray,

Per our discussion,

- 1) Provide a chart or other data showing voltage versus time (wave form) at the airbag module leads (primary and secondary) that occurs during a single stage crash deployment of the primary airbag (only) and is subsequently followed by a 'duding' deployment command of the secondary airbag.
- 2) Provide a chart or other data showing voltage versus time (wave form) at the airbag module leads (primary and secondary) for a typical dual stage crash deployment of the primary airbag and the secondary airbag, and additionally describe the range of timing delays, if any, that can occur between the primary and secondary deployment signals due to the normal and expected variations that occur in crashes.

Please let us know if you have questions.

Scott

D. Scott Yon  
Chief, Vehicle Integrity Division (VID), NVS-212  
U.S. Department of Transportation  
National Highway Traffic Safety Administration  
Office of Defects Investigation (ODI)  
Room W48-314  
1200 New Jersey Ave, SE  
Washington, DC  
20590  
Direct: 202-366-0139  
Toll Free: 1-877-5 DOT DOT (536-8368) ext 60139  
Fax: 202-366-1767

-----  
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=====



---

**From:** Kreiger, Erik (E.)  
**Sent:** Friday, October 01, 2010 9:23 AM  
**To:** Sahinbas, Kenan (M.); Fraser, Michelle (M.)  
**Subject:** FW: Sample PPAP  
**Attachments:** ISO 9001-2008 certificate to 07-29-2011.pdf; TS16949 Letter of Compliance 2010.pdf

FYI

[Erik M. Kreiger](#)  
FSA Parts Specialist & Buyer  
313-390-5972

Have you driven a Ford lately?

2010 Fusion-Motor Trends Car Of The Year

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**From:** Brad Salter [mailto:brad.salter@sterlingtech.org]  
**Sent:** Friday, October 01, 2010 9:21 AM  
**To:** Kreiger, Erik (E.); Joel Rosenberg  
**Subject:** RE: Sample PPAP

Hi Erik,

Joel asked me to also send along our ISO and TS documents for your records.  
Attached.

Thanks  
Brad

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**From:** Kreiger, Erik (E.) [mailto:ekreiger@ford.com]  
**Sent:** Friday, October 01, 2010 9:04 AM  
**To:** Joel Rosenberg  
**Cc:** Brad Salter  
**Subject:** RE: Sample PPAP

Perfect. I will let STA review and advise me. Thanks Joel.

[Erik M. Kreiger](#)  
FSA Parts Specialist & Buyer  
313-390-5972

Have you driven a Ford lately?

2010 Fusion-Motor Trends Car Of The Year

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**From:** Joel Rosenberg [jmr@Sterlingtech.org]  
**Sent:** Friday, October 22, 2010 10:07 AM  
**To:** Sutherland, Roy (R.W.)  
**Cc:** Carl Godell; Brad Salter; Frankie Elmore; Culkeen, Patrick (P.M.)  
**Subject:** FW: Service Harness Drawing

Roy,

The latest drawing release does not seem to match the FCI color scheme you signed off on 9/27/2010. Can you please check your records? FCI proceeded and has shipped product in accordance with the 9/27 signed/approved drawing. Please see the note below.

Thanks,

Joel Rosenberg  
President  
Direct: 248-563-1471  
Main: 248-669-0334  
Fax: 248-669-0336  
Sterling Technologies, Inc.  
2035 Easy St.  
Commerce, Michigan 48390  
[www.Sterlingtech.Org](http://www.Sterlingtech.Org)

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**From:** Frankie Elmore  
**Sent:** Thursday, October 21, 2010 5:09 PM  
**To:** Joel Rosenberg; Brad Salter; Pat Jagielo; Carl Godell  
**Subject:** RE: Service Harness Drawing

Based on the signed off FCI drawings, this has the wrong wire colors. They should be as follows:

CR101 – GRAY/ORANGE  
RR101 – GRAY/WHITE  
CR102 – RED/BLACK  
RR102 – GREEN/ORANGE

I believe the colors listed on the print are based on the original deviation, not the recently signed drawings from FCI.

Frankie

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**From:** Joel Rosenberg  
**Sent:** Thursday, October 21, 2010 4:12 PM  
**To:** Frankie Elmore; Brad Salter; Pat Jagielo; Carl Godell  
**Subject:** FW: Service Harness Drawing

For your records. Please destroy all old versions.

Joel Rosenberg  
President  
Direct: 248-563-1471  
Main: 248-669-0334  
Fax: 248-669-0336  
Sterling Technologies, Inc.  
2035 Easy St.

3/3/2011

EA10-001.9 000134

Commerce, Michigan 48390

[www.Sterlingtech.Org](http://www.Sterlingtech.Org)

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**From:** Sutherland, Roy (R.W.) [mailto:rsutherl@ford.com]

**Sent:** Wednesday, October 20, 2010 7:49 AM

**To:** Kreiger, Erik (E.); Joel Rosenberg; Carl Godell

**Cc:** Culkeen, Patrick (P.M.)

**Subject:** Service Harness Drawing

To All,

The service harness drawing has been released. Attached is a copy as is available in the FordDoc drawing system.

Regards,

**Roy Sutherland Jr.**

Ford Core Clockspring, Steering Wheel Switch,

Global Door Lock/Memory Set & Headlamp Switch D&R Engineer

Email: rsutherl@ford.com

Phone: 313-805-6905

Bldg#5, Cube 1D009

<<4L3T\_14B095\_BA\_Service Jumper.pdf>>

**From:** Humphries, Glenn (G.L.)  
**Sent:** Monday, February 07, 2011 3:16 PM  
**To:** Prescott, Amanda (A.B.); Culkeen, Patrick (P.M.)  
**Subject:** FW: SSM Approved and Released: 069-2011-1053R1: 2004-2006 F-150 / 2006 Lincoln Mark LT - Air Bag DTC B2293 with LFC 19 - New Service Kit Available

**Signed By:** ghumphri@ford.com

FYI.....

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**From:** Siplus, G (G.)  
**Sent:** Monday, February 07, 2011 3:14 PM  
**To:** aghiurau@visteon.com; Lentini, Craig (C.A.); Joe.Busdieker@vftis.spx.com; Sroka, Joseph (J.); Klump, Robert (R.F.); Hill, Teresa (T.L.); Humphries, Glenn (G.L.)  
**Subject:** SSM Approved and Released: 069-2011-1053R1: 2004-2006 F-150 / 2006 Lincoln Mark LT - Air Bag DTC B2293 with LFC 19 - New Service Kit Available

**SSM Approved and Released**

\*\*\* NOTE: The system generated the email. Do not reply to this email \*\*\*

\*\*\* To be removed from this distribution list, please email Robert Klump at [rklump@ford.com](mailto:rklump@ford.com) \*\*\*

This message is being sent on behalf of GSMITH53.

**This is a courtesy copy of the following article to advise you this article has been approved and released.**

**General Information**

**Last action taken (as of 2/7/2011 8:13:41 PM**

**GMT):**

Final/Complete

**Comment:**

**Author:**

GHUMPHRI

**Tracking Number:**

069-2011-1053R1

**Author Tracking Number:**

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**Title:**

2004-2006 F-150 / 2006 Lincoln Mark LT - Air Bag  
DTC B2293 with LFC 19 - New Service Kit Available

**Article Type:**

SSM

**SSM Text:**

Some 2004-2006 F-150 and 2006 Mark LT vehicles may exhibit chaffing on the wiring harness between the clockspring and driver airbag, resulting in an illuminated Air Bag warning lamp with DTC (Diagnostic Trouble Code) B2293 stored and LFC (Light Flashing Code) 19 displayed. A new service kit, part number 4L3Z-14B095-A is now available to service vehicles. Clockspring replacement is no longer required to remedy this condition. The service kit includes an instruction sheet and the wiring harness between the clockspring and driver airbag.

**Category:**

Parts - Service at a New Lower Part Level (1 year)

**Request Type:**

Non-QSF

**Activity Code:**

069 F-Series LD/Mark LT

**Vehicle Applications:**

Vehicle Lines	Model Year Start	Model Year End	Assembly Plants	Body Styles	Engine	Trans Axles	Build From	Build To
F-150	2004	2006						

If SPECS Case, Select all Other Affected

Publications:

Changes Needed in Other Pubs:

TSBs to Supersede:

SSMs to Supersede:

ISMs to Supersede:

Other application Articles:

Select the reason for republication:

Procedure verified by CDSID:

pculkeen

Describe How The Procedure Was Verified:

Direction provided by ASO to publish article.

Trustmarks affected:

Ford, Lincoln

Additional Trustmarks To Notify:

Article Distribution:

DTC Codes and OASIS Service Codes:

, 100000, 104000, 200000, 206000

Causal Basic Part # or Finis Code:

Calibrations List:

White Paper Numbers:

### Parts Request Information

Are Parts Required?

Yes

QSF Single Agenda Or Program FRC Date:

Parts List:

1	*Type of Part	*Eng #	*Is This Part a Kit?	*Existing Stock#	*Part Name	*Qty/veh.	*Engineering Est. Qty. Needed
	New	4L3T 14B095 AA	Yes	Not Applicable	Wiring Assembly Kit	1	5000
	*Calculated Forecast		*@WERS Notice #		*@WERS Date Released		*@Supplier Company
	4602		AE00 E 12368048 000		8/12/2010		HLM
	@1st Contact	@1st Contact Phone	Source Code	Service #	Replaced SVC #	Replaced Eng. #	Is Calibration Needed
	Don Kaercher	313-768-1400	Q9XYL	4L3Z- 14B095-A			No

Parts catalog flag needed?

No

Part number(s) that require flag:

Is geographic location significant?

No

Special instructions/remarks:

Article Number:

21732

BCM Number:

2890

(End automated email)

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**From:** Joel Rosenberg [jmr@Sterlingtech.org]  
**Sent:** Thursday, September 23, 2010 3:02 PM  
**To:** Kreiger, Erik (E.)  
**Cc:** Brad Salter; Carl Godell  
**Subject:** FW: sterling drawings

Erik,

I just received this from Karen. I have an RFQ out to TYCO right now to confirm the price difference between the tin and gold plated terminals. Even though they may have made a mistake in the quote I don't want the increase authorized until we can be sure it is not out of line based upon actual cost differential. I intend to write her back now telling her I need the authorization from you before I can actually modify the PO but in the interim she absolutely must get the terminals on order and the paperwork will catch up. It is how I am proceeding and how I expect FCI should as well. I have put in writing several times that 25,000 per week is acceptable and will reiterate it.

I will need an amended PO from you to cover their increased cost as well.

Do you concur with this approach?

Thanks,

Joel Rosenberg  
President  
Direct: 248-563-1471  
Main: 248-669-0334  
Fax: 248-669-0336  
Sterling Technologies, Inc.  
2035 Easy St.  
Commerce, Michigan 48390  
www.Sterlingtech.Org

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**From:** Karen.Bird@fci.com [mailto:Karen.Bird@fci.com]  
**Sent:** Thursday, September 23, 2010 2:47 PM  
**To:** Joel Rosenberg  
**Cc:** Brad Salter; Carl Godell; Pat Jagielo  
**Subject:** RE: sterling drawings

Joel,

I also need an amended P.O. in order to get this going....one that has the breakdown of 25 k pieces per week beginning Oct 25 and the correct price.

---

**From:** Kreiger, Erik (E.)  
**Sent:** Friday, April 09, 2010 6:35 AM  
**To:** Culkeen, Patrick (P.M.)  
**Subject:** FW: Systems Protection Account Rep  
**Pat.**

**Here is the contact info for the product you found. Contact Marc, he is the Ford rep.**

*Erik M. Kreiger*

FSA Parts Specialist  
313-390-5972

Have you driven a Ford lately?  
2010 Fusion-Motor Trends Car Of The Year

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**From:** Schumaker, Marc [mailto:Marc.Schumaker@federalmogul.com]  
**Sent:** Thursday, April 08, 2010 4:39 PM  
**To:** Kreiger, Erik (E.)  
**Cc:** Sevenski, Greg; Richards, Gregg  
**Subject:** Systems Protection Account Rep

Hi Erik, I am the Account Representative at Federal-Mogul Systems Protection responsible for Ford Motor Company. I am very familiar with the wire harness community at Ford and would be more than happy to help you out with this application. Please feel free to contact me by any means below. I left you a voice message as well.

MARC SCHUMAKER  
FEDERAL-MOGUL SYSTEMS PROTECTION  
(248) 245-7568  
[MARC.SCHUMAKER@FEDERALMOGUL.COM](mailto:MARC.SCHUMAKER@FEDERALMOGUL.COM)



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**From:** Chascsa, Jim (JRCII.)  
**Sent:** Wednesday, April 28, 2010 11:16 AM  
**To:** Culkeen, Patrick (P.M.)  
**Subject:** FW: Truck DAB change log 100428.xls  
**Attachments:** Truck DAB change log 100428.xls

[More updates.](#)

Jim Chascsa  
Design and Release Supervisor  
Global Technical Specialist  
Steering Wheel, Driver Airbag and Inflator Design  
313-805-5896

---

**From:** Lynch, Jim (J.)  
**Sent:** Wednesday, April 28, 2010 10:51 AM  
**To:** Chascsa, Jim (JRCII.)  
**Subject:** Truck DAB change log 100428.xls

All are interchangeable except for single to dual stage (starting point).



Part	A	B	C	D	E	F		G	H
	Incorporated Into Vehicle Production	Description of Change	Reasons for Change	Original	Modified	Disposition of Original Parts		New Component Availability Date	New Component Interchangeable With Old (Y/N - Intended versus Possible)
				Ford Engineering Part Number	Ford Engineering Part Number	Withdrawn from Ford Production Inventory (Scrap/ Consume/ Rework)	Effective Date		
Driver Front Air Bag		Initial release							
		Initial release							
		Add horn jumper to dab		4L34-15043B13-BAW	4L34-15043B13-BBW	Consume		06/02	Y
		Open locating holes on dab		4L34-15043B13-BBW	4L34-15043B13-BCW	Consume		02/03	Y
		Increase lower and upper flange thickness; revise shape of lower flange; reduce size of upper and lower flange slot; add ribs to 6 o'clock hoop		4L34-15043B13-BCW	4L34-15043B13-BDW	Consume		03/03	Y
		Add washer to shoulder bolts		4L34-15043B13-BDW	4L34-15043B13-BEW	Consume		05/03	Y
		Relocate horn connector attachment hole. Turn connector 180 degrees, relocate horn plate wire attachment, shorten reaction plate wire.		4L34-15043B13-BEW	4L34-15043B13-BFW	Consume		08/03	Y
		J2 tear seam adjustment		4L34-15043B13-BFW	4L34-15043B13-CAW			01/04	
		Relocate horn connector attachment hole. Turn connector 180 degrees, relocate horn plate wire attachment, shorten reaction plate wire.		4L34-15043B13-CAW	4L34-15043B13-CBW			02/04	
		Revise cover for cold deployment		4L34-15043B13-CBW	4L34-15043B13-CCW	Consume		03/04	Y
		Reinforce rib on emblem pocket		4L34-15043B13-CCW	4L34-15043B13-CDW	Consume		04/04	Y
		P397 Initial release Same as 5L34-15043B13-CAW							
		P397 Change Character lines		5L34-15043B13-BAW	5L34-15043B13-BBW	Consume		03/04	Y
		P397 Add ribs to bottom inside surface of cover to improve robustness during deployment. Add hine feature to 6:00 flange to improve flexibility.		5L34-15043B13-BBW	5L34-15043B13-BCW	Consume		10/04	Y
		P397 change to trw standard airbag design, inflator MCR		5L34-15043B13-BCW	5L34-15043B13-BDW	Consume		11/04	Y
		P397 Change to DYM 100.		5L34-15043B13-BDW	5L34-15043B13-BEW	Consume		11/04	Y
		Robustment improvements from 4L34-15043B13-CDW		4L34-15043B13-CDW	5L34-15043B13-CAW	Consume			Y
		Make robustness improvement to driver air bag.		5L34-15043B13-CAW	5L34-15043B13-CBW	Consume			Y
		Inflator MCR		5L34-15043B13-CBW	5L34-15043B13-CCW	Consume			Y
		Change to TRW standard airbag design.		5L34-15043B13-CCW	5L34-15043B13-CDW	Consume			Y
		Add mylar tape, then replace mylar w/ flock	Alert #A11859535				1/23/06	4/24/06	
		Less Hexivalent Chrome, same as 5L34-15043B13-CAW		6L34-15043B13-AAW					
		Change to TRW standard airbag design, inflator MCR		6L34-15043B13-AAW	6L34-15043B13-ABW	Consume			Y
		P397 Less Hexivalent Chrome same as 5L34-15043B13-BBW		6L34-15043B13-BAW					
		P397 Change to trw standard airbag design, inflator MCR		6L34-15043B13-BAW	6L34-15043B13-BBW	Consume			Y

Part	A	B	C	D	E	F		G	H
	Incorporated Into Vehicle Production	Description of Change	Reasons for Change	Original	Modified	Disposition of Original Parts		New Component Availability Date	New Component Interchangeable With Old (Y/N - Intended versus Possible)
				Ford Engineering Part Number	Ford Engineering Part Number	Withdrawn from Ford Production Inventory (Scrap/ Consume/ Rework)	Effective Date		
		P221 Ergo improvements to direct connect on module installation		6L34-15043B13-ABW	7L34-15043B13-CAW	Consume			Y
Driver Front Air Bag		P397 Ergo improvements to direct connect on module installation		6L34-15043B13-BBW	7L34-15043B13-DAW	Consume			Y
		P221 Create S-flange on DAB horn reaction plate to replace floch taping.		7L34-15043B13-CAW	7L34-15043B13-CBW	Consume			Y
		P397 Create S-flange on DAB horn reaction plate to replace floch taping.		7L34-15043B13-DAW	7L34-15043B13-DBW	Consume			Y

	A	B	C	D	E	F		G	H
Part	Incorporated Into Vehicle Production	Description of Change	Reasons for Change	Original	Modified	Disposition of Original Parts		New Component Availability Date	New Component Interchangeable With Old (Y/N - Intended versus Possible)
				Ford Engineering Part Number	Ford Engineering Part Number	Withdrawn from Ford Production Inventory (Scrap/ Consume/ Rework)	Effective Date		

## Explorer

Part	A	B	C	D	E	F		G	H
	Incorporated Into Vehicle Production	Description of Change	Reasons for Change	Original	Modified	Disposition of Original Parts		New Component Availability Date	New Component Interchangeable With Old (Y/N - Intended versus Possible)
				Ford Engineering Part Number	Ford Engineering Part Number	Withdrawn from Ford Production Inventory (Scrap/ Consume/ Rework)	Effective Date		
Driver Front Air Bag		REVISE 2001 EXPLORER DAB TO A DUAL STAGE INFLATOR SYSTEM TO SUPPORT THE 2002 EXPLORER. THE DUAL STAGE INFLATOR WILL HAVE TWO INTEGRAL CONNECTORS WITHOUT A WIRE HARNESS.	C11085980		2L2A 78043B13 AAW		J1 2002		no
		REVISE INFLATOR FILTER/HEAT SINK ON U152/U222 DUAL STAGE DRIVER AIR BAG MODULES TO PREVENT INTERACTION BETWEEN THE INFLATOR AND AIR BAG DURING DEPLOYMENT.	C11275671	2L2A 78043B13 AAW	2L2A 78043B13 ABW		J2 2002		y
		REPLACE DRIVER AIR BAG INFLATOR FROM CURRENT ADI9.2 TO ADI9.2GUNI. FOR ALL EXPLORER/EXPIDITION MODULES.	C11410191	2L2A 78043B13 ABW	3L24 78043B13 AAW		J1 2004		y
		CONVERT TO PLASTIC RETAINER FOR U152 AND U222 DRIVER AIRBAG PROGRAMS.	C11504913	3L24 78043B13 AAW	4L24 78043B13 AAW		RC 2004		y
		REMOVE GAP HIDERS FROM 'B' SIDE OF COVER FOR ASSEMBLY IMPROVEMENT FOR U152.	C11575734	4L24 78043B13 AAW	4L24 78043B13 ABW		RC 2004		y
		DELETE THRESHOLD CAP FOR U152 DAB	C11633272	4L24 78043B13 ABW	5L24 78043B13 AAW		J2 2005		y
		U152 SIMPLE BAG DESIGN MCR CHANGE.	C11633268	5L24 78043B13 AAW	5L24 78043B13 ABW		J2 2005		y

## Mountaineer

Part	A	B	C	D	E	F		G	H
	Incorporated Into Vehicle Production	Description of Change	Reasons for Change	Original	Modified	Disposition of Original Parts		New Component Availability Date	New Component Interchangeable With Old (Y/N - Intended versus Possible)
				Ford Engineering Part Number	Ford Engineering Part Number	Withdrawn from Ford Production Inventory (Scrap/ Consume/ Rework)	Effective Date		
Driver Front Air Bag		REVISE 2001 EXPLORER DAB TO A DUAL STAGE INFLATOR SYSTEM TO SUPPORT THE 2002 EXPLORER. THE DUAL STAGE INFLATOR WILL HAVE TWO INTEGRAL CONNECTORS WITHOUT A WIRE HARNESS.	C11085980		2L2A 78043B13 BAW		J1 2002		no
		REVISE INFLATOR FILTER/HEAT SINK ON U152/U222 DUAL STAGE DRIVER AIR BAG MODULES TO PREVENT INTERACTION BETWEEN THE INFLATOR AND AIR BAG DURING DEPLOYMENT.	C11275671	2L2A 78043B13 BAW	2L2A 78043B13 BBW		J2 2002		y
		REPLACE DRIVER AIR BAG INFLATOR FROM CURRENT ADI9.2 TO ADI9.2GUNI. FOR ALL EXPLORER/EXPIDITION MODULES.	C11410191	2L2A 78043B13 BBW	3L24 78043B13 BAW		J1 2004		y
		CONVERT TO PLASTIC RETAINER FOR U152 AND U222 DRIVER AIRBAG PROGRAMS.	C11504913	3L24 78043B13 BAW	4L24 78043B13 BAW		RC 2004		y
		REMOVE GAP HIDERS FROM "B" SIDE OF COVER FOR ASSEMBLY IMPROVEMENT FOR U152.	C11575734	4L24 78043B13 BAW	4L24 78043B13 BBW		RC 2004		y
		DELETE THRESHOLD CAP FOR U152 DAB	C11633272	4L24 78043B13 BBW	5L24 78043B13 BAW		J2 2005		y
		U152 SIMPLE BAG DESIGN MCR CHANGE.	C11633268	5L24 78043B13 BAW	5L24 78043B13 BBW		J2 2005		y

Part	A	B	C	D	E	F		G	H
	Incorporated Into Vehicle Production	Description of Change	Reasons for Change	Original	Modified	Disposition of Original Parts		New Component Availability Date	New Component Interchangeable With Old (Y/N - Intended versus Possible)
				Ford Engineering Part Number	Ford Engineering Part Number	Withdrawn from Ford Production Inventory (Scrap/ Consume/ Rework)	Effective Date		
Driver Front Air Bag		Revise cold deployment to -20C; switch gap to 2.25 +/- 0.5mm; switch mounting attachments; revise back cover to allow for movement of the r/c switch during horn actuation		2C54-78043B13-BEW / 2C54-78043B13-CEW	3C54-78043B13-AAW / 3C54-78043B13-BAW	Consume			Y
		Add top clear coat		3C54-78043B13-AAW / 3C54-78043B13-BAW	3C54-78043B13-ABW / 3C54-78043B13-BBW	Consume			Y
		Revise material of the insulator from PP1498 to Delrin 500BK602		3C54-78043B13-ABW / 3C54-78043B13-BBW	3C54-78043B13-ACW / 3C54-78043B13-BCW	Consume			Y
		Convert to guni propellant for U231 driver air bag program.		3C54-78043B13-ACW / 3C54-78043B13-BCW	4C54-78043B13-AAW / 4C54-78043B13-BAW	Consume			Y
		Replace horn wire harness ground screw with P221 horn wire harness ground screw. Eliminate guni propellant change.		4C54-78043B13-AAW / 4C54-78043B13-BAW	4C54-78043B13-ABW / 4C54-78043B13-BBW	Consume			Y

## Navigator

Part	A	B	C	D	E	F		G	H
	Incorporated Into Vehicle Production	Description of Change	Reasons for Change	Original	Modified	Disposition of Original Parts		New Component Availability Date	New Component Interchangeable With Old (Y/N - Intended versus Possible)
				Ford Engineering Part Number	Ford Engineering Part Number	Withdrawn from Ford Production Inventory (Scrap/Consume/Rework)	Effective Date		
Driver Front Air Bag		CHANGE TO GUNI PROPELLANT FOR U228 DRIVER AIRBAG PROGRAMS.	C11487640	2L7A-78043B13-CGW 2L7A-78043B13-BHW	4L7A-78043B13-AAW 4L7A-78043B13-BAW		PJ1 2004	JUL 2004	Y
		ILVS DRIVER AIR BAG FOR 2005 U228 PROGRAMS AT MTP.	C11575075	4L7A-78043B13-AAW 4L7A-78043B13-BAW	5L74-78043B13-AAW 5L74-78043B13-BAW		J1 2005		Y
		REPLACE HORN WIRE HARNESS GROUND SCREW WITH P221 HORN WIRE HARNESS GROUND SCREW.	C11613201	4L7A-78043B13-AAW 4L7A-78043B13-BAW 5L74-78043B13-AAW 5L74-78043B13-BAW	4L7A-78043B13-ABW 4L7A-78043B13-BBW 5L74-78043B13-ABW 5L74-78043B13-BBW		RC 2004 J1 2005		Y
		REMOVE HEX CHROME FROM U228 DRIVER AIRBAG ASSEMBLY	C11627257	5L74-78043B13-ABW 5L74-78043B13-BBW	6L74-78043B13-AAW 6L74-78043B13-BAW		J1 2006		Y
		U228 DELETE THRESHOLD CAP AS MCR CHANGE FOR U228 PROGRAM	C11633272	4L7A-78043B13-ABW 4L7A-78043B13-BBW 5L74-78043B13-ABW 5L74-78043B13-BBW 6L74-78043B13-AAW 6L74-78043B13-BAW	4L7A-78043B13-ACW 4L7A-78043B13-BCW 5L74-78043B13-ACW 5L74-78043B13-BCW 6L74-78043B13-ABW 6L74-78043B13-BBW		SERVICE J2 2005 J1 2006		Y
		U228 SIMPLE BAG DESIGN FOR MCR ACTION	C11633268	4L7A-78043B13-ACW 4L7A-78043B13-BCW 5L74-78043B13-ACW 5L74-78043B13-BCW 6L74-78043B13-ABW 6L74-78043B13-BBW	4L7A-78043B13-ADW 4L7A-78043B13-BDW 5L74-78043B13-ADW 5L74-78043B13-BDW 6L74-78043B13-ACW 6L74-78043B13-BCW		SERVICE J2 2005 J1 2006		Y
		INCREASE CUT OUT ON THE SWITCH WING IN REACTION PLATE	C11690281	5L74-78043B13-ADW 5L74-78043B13-BDW 6L74-78043B13-ACW 6L74-78043B13-BCW	5L74-78043B13-AEW 5L74-78043B13-BEW 6L74-78043B13-ADW 6L74-78043B13-BDW				Y
		FLEXGUARD WIRE HARNESS PROTECTION CHANGE FOR U228 PROGRAM.	C11712875	5L74-78043B13-AEW 5L74-78043B13-BEW 6L74-78043B13-ADW 6L74-78043B13-BDW	5L74-78043B13-AFW 5L74-78043B13-BFW 6L74-78043B13-AEW 6L74-78043B13-BEW		PJ1		Y

**From:** [Hartstang, Joe \(J.K.\)](#)  
**To:** [Rooker, Heather \(H.R.\)](#); [Pinkerton, Donna \(D.K.\)](#)  
**Cc:** [Kreiger, Erik \(E.\)](#)  
**Subject:** FW: NOTIFICATION OF CAMPAIGN PARTS ARRIVING PROGRAM 11S18  
**Date:** Thursday, February 17, 2011 8:37:06 AM

---

Here's a simple example of the heads-up that we provide to the building managers when we are getting ready to kick off a program...letting them know of the timing and volume.

*Joe Hartstang*

Supply Chain Manager  
Parts Supply & Logistics  
Ford Customer Service Division  
Phone (313) 390-7604

---

**From:** Kreiger, Erik (E.)  
**Sent:** Thursday, February 17, 2011 8:27 AM  
**To:** Kreiger, Erik (E.); Hartstang, Joe (J.K.); Talbott, Mark (M.L.); Lester, Charles (C.); Taylor, Michael (M.J.); Ries, Jason (J.S.); DeGiacomo, Tom (T.D.)  
**Subject:** NOTIFICATION OF CAMPAIGN PARTS ARRIVING PROGRAM 11S18

Subject: [Air Bag Jumper Harness](#)

[FIELD SERVICE ACTION - 11S18](#)

[PART NUMBERS: 4L3Z- 14B095-A](#)

[Vehicle Population: 135,000](#)

[-Population of program part have already shipped. Program may be expanded at a further date. Orders from dealers should start on or around 2.23.11.](#)

**Erik M. Kreiger**

FSA Parts Specialist & Buyer

313-390-5972

Ford Explorer NAIAS Truck of the Year

Have you driven a Ford lately?



---

**From:** Joel Rosenberg [jmr@Sterlingtech.org]  
**Sent:** Monday, August 02, 2010 2:24 PM  
**To:** Kreiger, Erik (E.)  
**Cc:** Brad Salter; Carl Godell  
**Subject:** Harness Quote

Erik,

Please let me know if you have any more questions regarding our quotation. I am happy to come to your office and go through the details with you and Kirk if you would like. Also, have you had a chance to firm up a date for next week?

Thanks and please let me know.

Have a great day.

Joel Rosenberg  
President  
Direct: 248-563-1471  
Main: 248-669-0334  
Fax: 248-669-0336  
Sterling Technologies, Inc.  
2035 Easy St.  
Commerce, Michigan 48390  
[www.Sterlingtech.Org](http://www.Sterlingtech.Org)

---

**From:** Culkeen, Patrick (P.M.)  
**Sent:** Wednesday, July 14, 2010 11:25 AM  
**To:** Prescott, Amanda (A.B.)  
**Subject:** Head's Up - Call In Meeting on Friday @ 9:00 am w/Scott Yon

Amanda,

Scott Yon called Ray ~10:30 this morning w/questions.

- 1) Why is Norfolk over represented? Supplier, process differences - what's the story?  
(Ray wants the rates to be analyzed again.)
- 2) What is the power split between 1st & 2nd stage?  
(70/30)
- 3) Does Ford have any reports of an accident where the passenger frontal air bag deployed and the driver frontal air bag did not?  
(Reviewing the database presently using key words)
- 4) Can Ford supply information regarding the survey of 25 vehicles that were inspected?  
(Previously supplied, need to identify the Bates numbers applicable.)

*Patrick M. Culkeen*

**Ford Motor Company**

Automotive Safety Office  
External Safety Investigations  
Fairlane Plaza South, Suite 500  
330 Town Center Drive  
Dearborn, MI 48126-2738 USA  
W: (313) 594-4792  
F: (313) 594-2268

---

**From:** Chascsa, Jim (JRCII.)  
**Sent:** Tuesday, April 13, 2010 5:18 PM  
**To:** Culkeen, Patrick (P.M.)  
**Cc:** Dean, Michael (M.J.)  
**Subject:** Horn type summary

**Attachments:** Chascsa PN DAB file041310.xls

Pat,

Ok, please review what I have attached. On the sheet where you see "Autoliv", I have a commitment from them to have the data (plus all part numbers and pictures) by tomorrow.



Chascsa PN DAB  
file041310.xls

Jim Chascsa  
Design and Release Supervisor  
Global Technical Specialist  
Steering Wheel, Driver Airbag and Inflator Design  
313-805-5896

## EA10-001: Driver Air Bag Design Type Number of Stages

		Subject Vehicles									
		Model Years									
Make	Model	2002		2003		2004		2005		2006	
		Design	Stages	Design	Stages	Design	Stages	Design	Stages	Design	Stages
Ford	F-150					Horn on Module/has secondary plate	2-Stg	Horn on Module/has secondary plate	2-Stg	Horn on Module/has secondary plate	2-Stg
Ford	F-150 Heritage					Mylar	1-Stg				
Lincoln	Mark LT									Horn on Module/has secondary plate	2-Stg
Ford	Explorer	Mylar	2-Stg	Mylar	2-Stg	Mylar	2-Stg	Mylar	2-Stg	Horn switch in wheel	2-Stg
Ford	Sport Trac	Mylar	2-Stg	Mylar	2-Stg	Mylar	2-Stg	Mylar	2-Stg	Horn switch in wheel	2-Stg
Mercury	Mountaineer	Mylar	2-Stg	Mylar	2-Stg	Mylar	2-Stg	Mylar	2-Stg	Horn switch in wheel	2-Stg
Lincoln	Aviator			Mylar	2-Stg	Mylar	2-Stg				

Requested by the agency, but not in production for that MY  
 Requested by the agency, but not sold in the U.S.  
 Not requested by the agency

Peer Vehicles			
2007			
Make	Model	Design	Stages
Ford	F-150	Floating	2-Stg
Lincoln	Mark LT	Floating	2-Stg

Peer Vehicles							
		2004		2005		2006	
Make	Model	Design	Stages	Design	Stages	Design	Stages
Ford	E-150	Horn in module/no metal plates	1-Stg	Horn in module/no metal plates	1-Stg	Horn in module/no metal plates	1-Stg
Ford	E-250	Horn in module/no metal plates	1-Stg	Horn in module/no metal plates	1-Stg	Horn in module/no metal plates	1-Stg
Ford	E-350	Horn in module/no metal plates	1-Stg	Horn in module/no metal plates	1-Stg	Horn in module/no metal plates	1-Stg
Ford	Escape	Mylar	1-Stg	Mylar	2-Stg	Mylar	2-Stg
Ford	Escape HEV	Mylar	1-Stg	Mylar	2-Stg	Mylar	2-Stg
Ford	Excursion	Mylar	1-Stg	Mylar	1-Stg		
Ford	Expedition	Mylar	2-Stg	Mylar	2-Stg	Mylar	2-Stg
Ford	F-250	Mylar	1-Stg	Mylar	1-Stg	Mylar	1-Stg
Ford	F-350	Mylar	1-Stg	Mylar	1-Stg	Mylar	1-Stg
Ford	Freestar	Autoliv	Autoliv	Autoliv	Autoliv	Autoliv	Autoliv
Ford	Freestyle			Autoliv	Autoliv	Autoliv	Autoliv
Ford	Ranger	Horn switch in wheel	1-Stg	Horn switch in wheel	2-Stg	Horn switch in wheel	2-Stg
Lincoln	Navigator	Floating	2-Stg	Floating	2-Stg	Floating	2-Stg
Mercury	Mariner			Mylar	2-Stg	Mylar	2-Stg
Mercury	Mariner HEV			Mylar	2-Stg	Mylar	2-Stg
Mercury	Montego			Autoliv	Autoliv	Autoliv	Autoliv
Mercury	Monterey	Autoliv	Autoliv	Autoliv	Autoliv	Autoliv	Autoliv

Requested by the agency, but not in production for that MY  
 Requested by the agency, but not sold in the U.S.  
 Not requested by the agency  
 Passenger car

## Program Number by Vehicle MY

Subject Vehicles						
Make	Model	Model Years				
		2002	2003	2004	2005	2006
Ford	F-150			P221	P221	P221
Ford	F-150			PN96		
Lincoln	Mark LT					P397
Ford	Explorer	U152/U207	U152/U208	U152	U152	U251
Ford	Sport Trac	P207	P207	P207	P207	P251
Mercury	Mountaineer	U152	U152	U152	U152	U251
Lincoln	Aviator		U231	U231	U231	

Peer Vehicles					
Make	Model	Model Years			
		2004	2005	2006	2007
Ford	F-150				P221
Lincoln	Mark LT				P397
Ford	E-150	VN127	VN127	VN127	
Ford	E-250	VN127	VN127	VN127	
Ford	E-350	VN127	VN127	VN127	
Ford	Escape	U204	U204	U204	
Ford	Escape HEV		U293	U293	
Ford	Excursion	?	U137	U137	
Ford	Expedition	U222	U222	U222	
Ford	F-250	P131	P131	P131	
Ford	F-350	P131	P131	P131	
Ford	Freestar	V229	V229	V229	
Ford	Freestyle		D219	D219	
Ford	Ranger	P150	P150	P150	
Lincoln	Navigator	U228	U228	U228	
Mercury	Mariner		U364	U364	
Mercury	Mariner HEV			?	
Mercury	Montego	D186	D333	D333	
Mercury	Monterey	V229	V229	V229	

NHTSA Information Request  
Vehicle Lines by MY

		Subject Vehicles				
		Model Years				
Make	Model	2002	2003	2004	2005	2006
Ford	F-150			4L34 15043B13 CDW	5L34 1504B13 CDW	6L34 - A5043B13 CCW
Ford	F-150			2004		
Lincoln	Mark LT					6L34 1504B13 BBW
Ford	Explorer	2002	2003	2004	6L24-78043B13 AKW	
Ford	Sport Trac	1L5A 10043B13 CBW	1L5A 10043B13 CBW	1L5A 10043B13 CBW	2005	
Mercury	Mountaineer	2002	2003	2004	6L94-78043B13 AKW	
Lincoln	Aviator		2003	2004		

		Peer Vehicles			
		Model Years			
Make	Model	2004	2005	2006	2007
Ford	F-150				7L34 15043B13 CBW
Lincoln	Mark LT				7L34 15043B13 DBW
Ford	E-150	4C25-15043B13-B	2005	2006	
Ford	E-250	4C25-15043B13-B	2005	2006	
Ford	E-350	4C25-15043B13-B	2005	2006	
Ford	Escape	2004	5L84-78043B13-KBW	2006	
Ford	Escape HEV	2004	5M64-78043B13-BBW	6M64-78043B13-BCW	
Ford	Excursion	2004	2005		
Ford	Expedition	2004	2005	2006	
Ford	F-250	2004	2005	2006	
Ford	F-350	2004	2005	2006	
Ford	Freestar		2005	2006	
Ford	Freestyle	5F93-74043B13-A	5F93-74043B13-A	6F93-74043B13-A	
Ford	Ranger	4L54-10043B13-A	2005	2006	
Lincoln	Navigator	2004	2005	2006	
Mercury	Mariner		5E64-78043B13-ABW	6E64-78043B13-AAW	
Mercury	Mariner HEV		5M64-78043B13-BBW	2006	
Mercury	Montego	2004	2005	2006	
Mercury	Monterey	2004	2005	2006	

Vehicles not requested by the agency

Requested by the agency, but not in production for that MY for sale in US (from VIN Rpt)

-----Original Message-----

From: Kemnitz, Erich (E.P.)  
Sent: Wednesday, June 09, 2010 10:21 AM  
To: Culkeen, Patrick (P.M.)  
Subject: FW: J140 05 F150 Etracker 9530782 Report

See attached.

Erich Kemnitz EESE Restraints Electronics Phone / Pager: 313-805-6051 Building #5, MD5029  
Cube 3E050. EKEMNITZ@Ford.com

-----Original Message-----

From: Steven.Binder@Autoliv.com [mailto:Steven.Binder@Autoliv.com]  
Sent: Wednesday, June 09, 2010 10:11 AM  
To: Kemnitz, Erich (E.P.)  
Subject: J140 05 F150 Etracker 9530782 Report

AUTOLIV ELECTRONICS AMERICA  
Hi Erich,

Please see the attached report for this event.

(See attached file: J140 05 F150 TRACKER 9530782 REPORT.pdf.zip)

Best Regards,  
Steven Binder

Field Investigation Engineer  
(248) 223-8079

\*\*\*\*\*

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RESTRAINT CONTROL MODULE ANALYSIS

REPORT INFORMATION		RESTRAINT CONTROL MODULE	HISTORICAL RESTRAINT CONTROL MODULE DIAGNOSTIC CODES
ID #	J140	TYPE	ARM481+
ID	ETRACKER 9530782	PART #	5L34-14B321-AA
REPORT DATE	July 8, 2010	SERIAL #	24A702580234
CUSTOMER CONTACT		BUILD DATE	October 28, 2004
NAME	Erich Kemnitz	VEHICLE INFORMATION	
COMPANY	Ford	MODEL YR	05
POSITION	Engineer	NAME	F150
PHONE	313-805-6051	CODE	P221
EMAIL	ekemnitz@ford.com	VIN	1FTRW12W35KC15400
		MILEAGE	Data not supplied
RESTRAINT CONTROL MODULE ANALYSIS			
<div>1. There were no active faults present when the restraint control module was powered on.</div> <div>2. The restraint control module did not record a commanded restraint deployment.</div> <div>3. The restraint control module did not record any crash or acceleration data.</div> <div>4. The diagnostic codes are listed in the next column.</div>			
BATTERY_LOW			2 Key-ons with the code present
33 Key-ons since the code was last detected			
DRIVER_FRONT_AIRBAG_STAGE_1_RESISTANCE_HIGH			1 Key-ons with the code present
0 Key-ons since the code was last detected			
BATTERY_LOW			1 Key-ons with the code present
Code cleared			
BATTERY_LOW			1 Key-ons with the code present
Code cleared			
BATTERY_LOW			2 Key-ons with the code present
Code cleared			
DRIVER_FRONT_AIRBAG_STAGE_2_RESISTANCE_HIGH			256 or greater key-ons with the code present
0 Key-ons since the code was last detected			
BATTERY_LOW			1 Key-ons with the code present
Code cleared			
BATTERY_LOW			1 Key-ons with the code present
Code cleared			
BATTERY_LOW			2 Key-ons with the code present
Code cleared			
BATTERY_LOW			1 Key-ons with the code present
Code cleared			
HISTORICAL RESTRAINT CONTROL MODULE DIAGNOSTIC CODES			DRIVER_FRONT_AIRBAG_STAGE_1_RESISTANCE_LOW
			DRIVER_FRONT_AIRBAG_STAGE_2_LEAK_LOW
			OCS_COMMUNICATION
			PAD_LAMP_SHORT_TO_GROUND_OR_OPEN

---

**From:** Sutherland, Roy (R.W.)  
**Sent:** Friday, November 05, 2010 11:18 AM  
**To:** Joel Rosenberg  
**Subject:** Jumper Harness

**Follow Up Flag:** Follow up  
**Flag Status:** Red

Joel,

I have reviewed the part you had given me and it appears to match the drawing.

Regards,

**Roy Sutherland Jr.**

Ford Core Clockspring, Steering Wheel Switch,  
Global Door Lock/Memory Set & Headlamp Switch D&R Engineer  
Email: rsutherl@ford.com  
Phone: 313-805-6905  
Bldg#5, Cube 1D009

---

**From:** Culkeen, Patrick (P.M.)  
**Sent:** Thursday, June 24, 2010 10:31 AM  
**To:** Sutherland, Roy (R.W.)  
**Subject:** Material Specification for Sofanou Nugaurd

**Follow Up Flag:** Follow up  
**Flag Status:** Red

**Attachments:** nu-guard-g.pdf

Roy,

I was poking around and found this that might help with specificaitons:



nu-guard-g.pdf  
(219 KB)

*Patrick M. Culkeen*

**Ford Motor Company**

Automotive Safety Office  
External Safety Investigations  
Fairlane Plaza South, Suite 500  
330 Town Center Drive  
Dearborn, MI 48126-2738 USA  
W: (313) 594-4792  
F: (313) 594-2268

## GENERAL PURPOSE EXPANDABLE BRAIDED MONOFILAMENT SLEEVING

- NU-GUARD G rated for continuous use from -70°C to 125°C but can withstand intermittent operation up to 150°C.
- UL & CSA Recognized Component:  
UL File #E131769, CSA File #LR92464
- Applicable Specifications:
  - Ford E8ZB-18K459-AA (Chart)
  - Ford E77H-18K459-AA (Chart)
  - Ford E9TB-18K459-CA (Chart)
  - Chrysler 441414566 (Chart)
- RoHS and WEEE compliant.
- Low Temperature Flexibility: -70°C
- Available Sizes: 1/8" to 3"
- Packaging: Standard Spools, Bulk Spools, Cut to length.
- Colors: NU-GUARD G Standard color is Black. Other colors available are subject to factory quotation upon request.



## DESCRIPTION

NU-GUARD G is a tough, lightweight expandable sleeving made of specially formulated Polyethylene Terephthalate (PET) .010" (10mil) monofilaments braided into a cylindrical sleeve. NU-GUARD G provides excellent abrasion and cut-through resistance protection, excellent chemical and fungus resistance and good mechanical properties. The flexible open weave construction allows each size to expand up to three times its original diameter for ease in pulling over irregular shapes. This open weave construction also provides for dissipation of heat and moisture, preventing condensation, and allowing for complete drainage. NU-GUARD G is also available in a heavy wall version NU-GUARD HD construction using .015" (15mil) diameter PET monofilaments for increased wear resistance.

## USES

NU-GUARD G expandable monofilament braided sleeveings provide a tough, durable protection over tubing, hoses, wire, wire bundles, wire harnesses, cable assemblies and flat ribbon cable without adding critical weight, bulk and extra cost. The resistance of the polyester monofilaments to most oils, salt water, fuels, cleaners, solvents and chemicals makes it ideal for applications in harsh environments and in electronics, marine, and industrial wire harness applications. NU-GUARD G exhibits excellent stretch and flexibility even at low temperatures making it ideal for applications in machine tools, robotics, automated equipment and wherever exposure to extreme weather conditions is a concern.

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<b>NU-GUARD G EXPANDABLE MONOFILAMENT BRAIDED SLEEVINGS</b>		
<b>CHARACTERISTICS OF GENERAL PURPOSE EXPANDABLE SLEEVINGS</b>		
<b>PROPERTY</b>	<b>TEST METHOD</b>	<b>NU-GUARD G PERFORMANCE</b>
Tensile strength	ASTM D 876	100,000 psi
Elongation	ASTM D 876	25%
Specific Gravity	ASTM D 792	1.31
Moisture Absorption 24 hours	ASTM D 570	0.08%
Shrinkage @ 180°C		4%
Max. Operating temp.	UL 224	150°C
Melt Temperature	ASTM D 2117	250°C
Low Temp. Flexibility	MIL I 23053	-70°C
Flammability	UL 224	Does not burn
Thermal Aging	ASTM D 3045	175° for 3 hrs.
Flexural Modulus 10 <sup>3</sup> psi @ 73°	ASTM D 790	400
Fungus Resistance	MIL STD 810 (508)	No Growth
Copper Corrosiveness	MIL I 23053	No Effect

## FLUID RESISTANCE

Testing verifies that there is virtually no effect on the tensile strength and maybe only a slight reduction (approximately 5%) in elongation of NU-GUARD G when exposed to the following fluids: cleaning fluid, de-icing fluid, fuel oil, gasoline, hydraulic fluid, lubricating oil, salt water and solvents.

<b>GENERAL PURPOSE EXPANDABLE SLEEVING DIMENSIONS</b>				
<b>Nominal I.D. (inches)</b>	<b>Nominal I.D. (mm)</b>	<b>Delfingen Part No.</b>	<b>Size Range (inches)</b>	<b>Approximate weight (lbs / 1000 ft)</b>
1/8	3.18	GP-321	3/32 – 9/32	1.8
1/4	6.35	GP-481	1/8 – 3/8	2.7
1/4	6.35	GP-243	1/8 – 3/8	3.9
3/8	9.53	GP-363	3/16 – 5/8	5.7
1/2	12.70	GP-483	1/4 – 3/4	7.4
3/4	19.05	GP-643	1/2 – 1 1/4	10.4
1 1/4	31.75	GP-963	3/4 – 1 3/4	15.9
1 3/4	44.45	GP-964	1 – 2 1/2	19.6
2	50.80	GP-1203	1 1/4 – 2 3/4	18.5
2 1/2	63.50	GP-1205	1 1/2 – 3 1/4	30.0
3	76.20	GP-1206	2 – 4	34.0

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---

**From:** Parrish, Gina [gina.parrish@methode.com]  
**Sent:** Monday, April 26, 2010 2:12 PM  
**To:** Sutherland, Roy (R.W.)  
**Subject:** Methode Production Date Request-roy sutherland(ford).xls  
**Follow Up Flag:** Follow up  
**Flag Status:** Red  
**Attachments:** Methode Production Date Request-roy sutherland(ford).xls

## Clockspring Production Dates

Vehicle Description			Clockspring P/N	Production Dates	
Make	Model	MY	Prefix - Base - Suffix	Start Date (MM/YY)	End Date (MM/YY)
Ford	F-150	2004	4L2T - 14A664 - AA	Jan-04	Apr-05
		2005	5L2T - 14A664 - AA	Apr-05	Jul-06
		2006	5L2T - 14A664 - AA	Apr-05	Jul-06
Ford	F-150 Heritage	2004	3L3T - 14A664 - AB	Nov-02	May-04
		2004	3L3T - 14A664 - AC	May-04	Jun-04
		2004	3L3T - 14A664 - BC	May-04	Jun-04
Lincoln	Mark LT	2005	5L2T - 14A664 - AA	Apr-05	Jun-06
		2006	5L2T - 14A664 - AA	Apr-05	Jun-06
Ford	Explorer	2002	1L2T - 14A664 - AE	Aug-01	Mar-02
		2002	2L1T - 14A664 - AE	Oct-01	Apr-04
		2002	2L2T - 14A664 - AC	Jan-03	Jan-04
		2002	2C5T - 14A664 - AE	Jan-02	Apr-04
		2003	2L2T - 14A664 - AC	Jan-03	Jan-04
		2003	2C5T - 14A664 - AE	Jan-02	Apr-04
		2004	4L2T - 14A664 - AA	Jan-04	Apr-05
		2004	4C5T - 14A664 - AA	Mar-04	Jul-05
		2005	5L2T - 14A664 - AA	Apr-05	Jul-06
		2005	5C5T - 14A664 - AA	I don't recognize this p/n	
Ford	Sport Trac	2002	1L5T - 14A664 - AB	Aug-00	Mar-05
		2002	1L5T - 14A664 - BB	Nov-00	Mar-05
		2003	1L5T - 14A664 - AB	Aug-00	Mar-05
		2003	1L5T - 14A664 - BB	Nov-00	Mar-05
		2004	1L5T - 14A664 - AB	Aug-00	Mar-05
		2004	1L5T - 14A664 - BB	Nov-00	Mar-05
		2005	5L5T - 14A664 - AB	Feb-05	Apr-06
		2005	5L5T - 14A664 - BB	Feb-05	Apr-06
Mercury	Mountaineer	2002	1L2T - 14A664 - AE	Aug-01	Mar-02
		2002	2L1T - 14A664 - AE	Oct-01	Apr-04
		2002	2L2T - 14A664 - AC	Jan-03	Jan-04
		2002	2C5T - 14A664 - AE	Jan-02	Apr-04
		2003	2L2T - 14A664 - AC	Jan-03	Jan-04
		2003	2C5T - 14A664 - AE	Jan-02	Apr-04

## Clockspring Production Dates

Vehicle Description			Clockspring P/N	Production Dates	
Make	Model	MY	Prefix - Base - Suffix	Start Date (MM/YY)	End Date (MM/YY)
		2004	4L2T - 14A664 - AA	Jan-04	Apr-05
		2004	4C5T - 14A664 - AA	Mar-04	Jul-05
		2005	5L2T - 14A664 - AA	Apr-05	Jul-06
		2005	5C5T - 14A664 - AA	I don't recognize this p/n	
Lincoln	Aviator	2003	2C5T - 14A664 - AE	Jan-02	Apr-04
Ford	F-150	2007	7L3T - 14A664 - AA	May-06	Oct-07
Lincoln	Mark LT	2007	7L3T - 14A664 - AA	May-06	Oct-07
Ford	Escape & HEV	2004	YL84 - 14A664 - A	Mar-03	Jan-04
Ford	Excursion	2004	2C3T - 14A664 - CG	Mar-04	Feb-05
		2004	2C7T - 14A664 - AD	Mar-02	Jun-04
		2005	5C3T - 14A664 - CB	Feb-06	Dec-06
		2005	5C7T - 14A664 - AA	Mar-05	Sep-05
Ford	Expedition	2004	4L1T - 14A664 - AA	Apr-04	Apr-05
		2005	5L1T - 14A664 - AA	Mar-05	Jun-06
		2006	5L1T - 14A664 - AA	Mar-05	Jun-06
Ford	F-250	2004	2C3T - 14A664 - AD	Service p/n only	
		2004	2C3T - 14A664 - BF	Jan-04	Mar-05
		2004	2C3T - 14A664 - CG	Mar-04	Feb-05
		2004	2C3T - 14A664 - DG	Mar-04	Apr-04
		2005	5C3T - 14A664 - BC	Mar-06	Dec-06
		2005	5C3T - 14A664 - CB	Feb-06	Dec-06
		2005	5C3T - 14A664 - DA	Apr-05	May-09
		2005	5C3T - 14A664 - EA	Mar-05	May-09
		2006	5C3T - 14A664 - AH	Feb-06	Nov-06
		2006	5C3T - 14A664 - BC	Feb-06	Mar-06
		2006	5C3T - 14A664 - CB	Feb-06	Dec-06
Ford	F-350	2004	2C3T - 14A664 - AD	I don't recognize this p/n	
		2004	2C3T - 14A664 - BF	Jan-04	Mar-05
		2004	2C3T - 14A664 - CG	Mar-04	Feb-05
		2004	2C3T - 14A664 - DG	Mar-04	Apr-04
		2005	5C3T - 14A664 - BC	Mar-06	Dec-06
		2005	5C3T - 14A664 - CB	Feb-06	Dec-06



## Clockspring Production Dates

Vehicle Description			Clockspring P/N	Production Dates	
Make	Model	MY	Prefix - Base - Suffix	Start Date (MM/YY)	End Date (MM/YY)
		2005	5C3T - 14A664 - DA	Apr-05	May-09
		2005	5C3T - 14A664 - EA	Mar-05	May-09
		2006	5C3T - 14A664 - AH	Feb-06	Nov-06
		2006	5C3T - 14A664 - BC	Mar-06	Dec-06
		2006	5C3T - 14A664 - CB	Feb-06	Dec-06
Ford	Freestar	2004	4F2T - 14A664 - AG	AA = Mar-03 or AB = Dec-03; no AG level	AA= Dec-03 or AB= May-04; no AG level
		2005	5F2T - 14A664 - AB	Jan-05	Oct-06
		2006	5F2T - 14A664 - AB	Jan-05	Oct-06
Ford	Freestyle	2005	5F9T - 14A664 - AG	I don't recognize this p/n	
		2006	5F9T - 14A664 - AG	I don't recognize this p/n	
Ford	Ranger	2004	1L5T - 14A664 - AB	Aug-00	Mar-05
		2004	1L5T - 14A664 - BB	Nov-00	Mar-05
		2005	5L5T - 14A664 - AA	Feb-05	Apr-06
		2005	5L5T - 14A664 - BA	Feb-05	Apr-06
		2006	5L5T - 14A664 - AA	Feb-05	Apr-06
		2006	5L5T - 14A664 - BA	Feb-05	Apr-06
Lincoln	Navigator	2004	4L1T - 14A664 - AA	Apr-04	Apr-05
		2005	5L1T - 14A664 - AA	Mar-05	Jun-06
		2006	5L1T - 14A664 - AA	Mar-05	Jun-06
Mercury	Monterey	2004	4F2T - 14A664 - AG	AA = Mar-03 or AB = Dec-03; no AG level	AA= Dec-03 or AB= May-04; no AG level
		2005	5F2T - 14A664 - AB	Jan-05	Oct-06
		2006	5F2T - 14A664 - AB	Jan-05	Oct-06

---

**From:** Hull, Michelle (M.K.)  
**Sent:** Saturday, April 17, 2010 12:50 PM  
**To:** Malaney, Linda (L.)  
**Cc:** Taylor, Alma (A.); Culkeen, Patrick (P.M.)  
**Subject:** FW: EA10-001 VOQs  
**Attachments:** 4VOQ\_20100413.pdf; Owner - Rogers

**PRIVILEGED & CONFIDENTIAL**

This e-mail may contain privileged communications. If you have received it in error, please delete it immediately and notify the sender.

Linda,

Since I'm out this week could you open this one to Alma.

Alma,

ASO/NHSTA would like to have the vehicle inspected and to obtain the parts for inspection and since I'll be out I leave it in your capable hands (you can blame Pat Culkeen for it :)

---

**From:** Culkeen, Patrick (P.M.)  
**Sent:** Thursday, April 15, 2010 12:12 PM  
**To:** Hull, Michelle (M.K.)  
**Subject:** FW: EA10-001 VOQs

Michelle,

Here's the contact information and the VOQ.

*Patrick M. Culkeen*

**Ford Motor Company**

Automotive Safety Office  
External Safety Investigations  
Fairlane Plaza South, Suite 500  
330 Town Center Drive  
Dearborn, MI 48126-2738 USA  
W: (313) 594-4792  
F: (313) 594-2268

---

**From:** Peter.Ong@dot.gov [mailto:Peter.Ong@dot.gov]

3/3/2011

EA10-001.9 000166

**Sent:** Wednesday, April 14, 2010 5:01 PM  
**To:** Peter.Ong@dot.gov; Nevi, Raymond (R.A.); Culkeen, Patrick (P.M.)  
**Cc:** Scott.Yon@dot.gov  
**Subject:** RE: EA10-001 VOQs

Pat,

Forgot about the 4-VOQs. Mr. Rogers' VOQ is one of them. Sorry

*Peter C. Ong*

Safety Defects Engineer  
Office of Defects Investigation, NVS-212

---

**From:** Ong, Peter (NHTSA)  
**Sent:** Wednesday, April 14, 2010 4:08 PM  
**To:** 'Nevi, Raymond (R.A.); 'Culkeen, Patrick (P.M.)'  
**Cc:** Yon, Scott (NHTSA)  
**Subject:** EA10-001 VOQs

Here is another 4 ABID events with one injury. VOQ (10302982, Jeffrey Rogers) vehicle was leaving an intersection when the airbag deployed. Vehicle still has not been repaired. Dealer did not find any damage or AB fault code. Can you inspect the vehicle to see if same issue (and get the parts)? Dealership is Rancho Ford (George) located in Temecula, CA.

*Peter C. Ong*

Safety Defects Engineer  
Office of Defects Investigation, NVS-212  
NHTSA, US DOT  
1200 New Jersey Avenue, SE  
Washington DC, 20590  
W45-204



U.S. Department  
of Transportation

**National Highway  
Traffic Safety  
Administration**

**DOT Auto Safety Hotline**  
**Vehicle Owner's Questionnaire**  
**To Report Vehicle Safety Defects**  
**1-888-DASH-2-DOT**  
**(1-888-327-4236)**  
**INTERNET:www.nhtsa.dot.gov/hotline**

FOR AGENCY USE ONLY 100148

Date Received

03-MAR-2010

Repository ☐

Reference No.  
10316009

**OWNER INFORMATION (Type or Print)**

Name

Address

City ROANOKE

State VA

Zip Code

Daytime Telephone Number

E-mail Address

Evening Telephone Number

*The information you provide will be used to identify potential safety-related defects. We may share your information with the applicable vehicle manufacturer during an investigation or recall in accordance with the routine uses described in the agency's Privacy Act notice. See 49 FR 53971 (Sep. 3, 2004).*

**VEHICLE INFORMATION**

17 digit Vehicle Identification Number Located at bottom of windshield on driver's side  
1FTRX12W15N

Make  
FORD

Model  
F-150

Model Year  
2005

Date Purchased

Dealer's Name and Telephone Number

Engine:

Fuel Type:

No: Cylinders

Original Owner  
☐

Dealer's City

State

Zip Code

Transmission Type

☐ Antilock Brakes

Powertrain

Multiple Failure:

Incident Date(s)

☐ Cruise Control

26-FEB-2010

**FAILED COMPONENT(S)/PART(S) INFORMATION**

Vehicle Component Code: 141000 AIR BAGS: FRONTAL

Failure Mileage  
212000

Failure Speed  
10

**ADDITIONAL ITEMS TO BE COMPLETED WHEN REPORTING A TIRE FAILURE**

Tire Make

Tire Model (Name or Number)

Tire Size (Example P215/65R15)

DOT No. (Example: DOTMAL9ABC036)

☐ Original Equipment  
☐ Prior Repair

Failure Location:

Tire Component Code

Tire Failure Type:

**ADDITIONAL ITEMS TO BE COMPLETED WHEN REPORTING A CHILD SEAT FAILURE**

Make:

Date Manufactured:

Model No./Name:

Seat Type:

Installation System:

Child Seat Component Code:

Failed Part:

**APPLICABLE INCIDENT INFORMATION**

*(Please describe in detail the incident(s), Failure(s), Crash(es), and injury(ies).)*

Crash

☐ Yes ☒ No

Fire

☐ Yes ☒ No

Number of Persons Injured

Number of Deaths

Reported to Police

N

**Narrative Description of Incident(S), Crash(es), and Injury(ies).**

**Please describe (1) events leading up to the failure, (2) failure and its consequences, and (3) what was done to correct the failure; i.e., parts repaired or replaced (and if old part is available).**

THE DRIVERS AIR BAG DEPLOYED WHILE DRIVING AT A SLOW SPEED IN A BANK PARKING LOT. THERE WERE NO OTHER VEHICLES AROUND AND THE TRUCK WAS NOT HIT. I HAVE DRIVEN THIS VEHICLE FOR THIRTY FIVE THOUSAND MILES. THE DEALER THUS FAR HAS NOT FOUND A CAUSE FOR THE AIR BAG DEPLOYMENT. THEY HAVE CONTACTED FORD AND THE RESPONSE BACK TO THEM IS IT IS MY RESPONSIBILITY AND I SHOULD CONTACT MY INSURANCE COMPANY.

Include, if available: Police/Fire Department Report, Photos, and Repair Invoice.

ATTACH ADDITIONAL SHEETS IF NECESSARY

The Privacy Act of 1974-Public Law 93-579 This information is requested pursuant to authority vested in the National Highway Traffic Safety Act and subsequent amendments. You are under no obligation to respond to this questionnaire. Your response may be used to assist the NHTSA in determining whether a Manufacturer should take appropriate action to correct a safety defect. If the NHTSA proceeds with administrative enforcement or litigation against a manufacturer, your response, or a statistical summary thereof, may be used in support of the agency's action.



U.S. Department  
of Transportation

**National Highway  
Traffic Safety  
Administration**

**DOT Auto Safety Hotline**  
**Vehicle Owner's Questionnaire**  
**To Report Vehicle Safety Defects**  
**1-888-DASH-2-DOT**  
**(1-888-327-4236)**  
**INTERNET:www.nhtsa.dot.gov/hotline**

FOR AGENCY USE ONLY 100148

Date Received

01-MAR-2010

Repository ☐

Reference No.  
10315076

**OWNER INFORMATION (Type or Print)**

Name

Address

City ST. JAMES

State NY

Zip Code

Daytime Telephone Number

E-mail Address

Evening Telephone Number

*The information you provide will be used to identify potential safety-related defects. We may share your information with the applicable vehicle manufacturer during an investigation or recall in accordance with the routine uses described in the agency's Privacy Act notice. See 49 FR 53971 (Sep. 3, 2004).*

**VEHICLE INFORMATION**

17 digit Vehicle Identification Number Located at bottom of windshield on driver's side  
1FTPW14525K

Make  
FORD

Model  
F-150

Model Year  
2005

Date Purchased

Dealer's Name and Telephone Number

Engine:  
No: Cylinders

Fuel Type:

Original Owner  
☐

Dealer's City

State

Zip Code

Transmission Type

☐ Antilock Brakes  
☐ Cruise Control

Powertrain

Multiple Failure:

Incident Date(s)  
28-FEB-2010

**FAILED COMPONENT(S)/PART(S) INFORMATION**

Vehicle Component Code: 141000 AIR BAGS: FRONTAL

Failure Mileage  
99800

Failure Speed  
0

**ADDITIONAL ITEMS TO BE COMPLETED WHEN REPORTING A TIRE FAILURE**

Tire Make

Tire Model (Name or Number)

Tire Size (Example P215/65R15)

DOT No. (Example: DOTM9ABC036)

☐ Original Equipment  
☐ Prior Repair

Failure Location:

Tire Component Code

Tire Failure Type:

**ADDITIONAL ITEMS TO BE COMPLETED WHEN REPORTING A CHILD SEAT FAILURE**

Make:

Date Manufactured:

Model No./Name:

Seat Type:

Installation System:

Child Seat Component Code:

Failed Part:

**APPLICABLE INCIDENT INFORMATION**

*(Please describe in detail the incident(s), Failure(s), Crash(es), and injury(ies).)*

Crash

☐ Yes ☒ No

Fire

☐ Yes ☒ No

Number of Persons Injured

Number of Deaths

Reported to Police

N

**Narrative Description of Incident(S), Crash(es), and Injury(ies).**

**Please describe (1) events leading up to the failure, (2) failure and its consequences, and (3) what was done to correct the failure; i.e., parts repaired or replaced (and if old part is available).**

TL\*THE CONTACT OWNS A 2005 FORD F150. THE CONTACT STARTED THE IGNITION. THE DRIVER SIDE AIR BAG DEPLOYED INADVERTENTLY AND UNEXPECTEDLY. THE DRIVER SUSTAINED NO PERSONAL INJURY. THE AUTHORIZED DEALER HAS BEEN NOTIFIED OF THE MALFUNCTION. THE CONTACT HAS CONCERNS ABOUT THE SAFETY RISK INVOLVED. THE FAILURE MILEAGE WAS 99,800. PCO CONTACTED OWNER: VEH WAS IN PARK. DEALER FOUND NO EXT DAMAGE. FIXED UNDER "GOODWILL" WARRANTY. 20100413.PCO

Include, if available: Police/Fire Department Report, Photos, and Repair Invoice.

ATTACH ADDITIONAL SHEETS IF NECESSARY

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U.S. Department  
of Transportation

National Highway  
Traffic Safety  
Administration

**DOT Auto Safety Hotline**  
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**1-888-DASH-2-DOT**  
**(1-888-327-4236)**  
**INTERNET:www.nhtsa.dot.gov/hotline**

FOR AGENCY USE ONLY 100148

Date Received

27-FEB-2010

Repository ☐

Reference No.  
10314813

**OWNER INFORMATION (Type or Print)**

Name

Address

City REMERTON

State GA

Zip Code

Daytime Telephone Number

E-mail Address

Z

Evening Telephone Number

*The information you provide will be used to identify potential safety-related defects. We may share your information with the applicable vehicle manufacturer during an investigation or recall in accordance with the routine uses described in the agency's Privacy Act notice. See 49 FR 53971 (Sep. 3, 2004).*

**VEHICLE INFORMATION**

17 digit Vehicle Identification Number Located at bottom of windshield on driver's side

1FTPW125X4K

Make

FORD

Model

F150

Model Year

2004

Date Purchased

Dealer's Name and Telephone Number

Engine:

No: Cylinders

Fuel Type:

Original Owner

☐

Dealer's City

State

Zip Code

Transmission Type

☐ Antilock Brakes

Powertrain

Multiple Failure:

Incident Date(s)

27-FEB-2010

☐ Cruise Control

**FAILED COMPONENT(S)/PART(S) INFORMATION**

Vehicle Component Code: 141000 AIR BAGS: FRONTAL

Failure Mileage  
119412

Failure Speed  
0

**ADDITIONAL ITEMS TO BE COMPLETED WHEN REPORTING A TIRE FAILURE**

Tire Make

Tire Model (Name or Number)

Tire Size (Example P215/65R15)

DOT No. (Example: DOTM9ABC036)

☐ Original Equipment  
☐ Prior Repair

Failure Location:

Tire Component Code

Tire Failure Type:

**ADDITIONAL ITEMS TO BE COMPLETED WHEN REPORTING A CHILD SEAT FAILURE**

Make:

Date Manufactured:

Model No./Name:

Seat Type:

Installation System:

Child Seat Component Code:

Failed Part:

**APPLICABLE INCIDENT INFORMATION**

*(Please describe in detail the incident(s), Failure(s), Crash(es), and injury(ies).)*

Crash

☐ Yes ☒ No

Fire

☐ Yes ☒ No

Number of Persons Injured

1

Number of Deaths

Reported to Police

N

**Narrative Description of Incident(S), Crash(es), and Injury(ies).**

**Please describe (1) events leading up to the failure, (2) failure and its consequences, and (3) what was done to correct the failure; i.e, parts repaired or replaced (and if old part is available).**

INADVERTENT AIRBAG DEPLOYED ON 2004 F150

Include, if available: Police/Fire Department Report, Photos, and Repair Invoice.

ATTACH ADDITIONAL SHEETS IF NECESSARY

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U.S. Department  
of Transportation

National Highway  
Traffic Safety  
Administration

**DOT Auto Safety Hotline**  
**Vehicle Owner's Questionnaire**  
**To Report Vehicle Safety Defects**  
**1-888-DASH-2-DOT**  
**(1-888-327-4236)**  
**INTERNET:www.nhtsa.dot.gov/hotline**

100148

Repository ☐

28-JAN-2010

Reference No.  
10302982

**OWNER INFORMATION (Type or Print)**

City TEMECULA State Zip Code

Daytime Telephone Number

Evening Telephone Number

*The information you provide will be used to identify potential safety-related defects. We may share your information with the applicable vehicle manufacturer during an investigation or recall in accordance with the routine uses described in the agency's Privacy Act notice. See 49 FR 53971 (Sep. 3, 2004).*

**VEHICLE INFORMATION**

17 digit Vehicle Identification Number Located at bottom of windshield on driver's side  
1FTRW12W35  
Make FORD Model F-150 Model Year 2005  
Date Purchased Dealer's Name and Telephone Number Engine: No: Cylinders Fuel Type:  
Original Owner ☐ Dealer's City State Zip Code  
Transmission Type ☐ Antilock Brakes ☐ Cruise Control Powertrain Multiple Failure: Incident Date(s) 30-AUG-2009

**FAILED COMPONENT(S)/PART(S) INFORMATION**

Vehicle Component Code: 140000 AIR BAGS Failure Mileage 92000 Failure Speed 2

**ADDITIONAL ITEMS TO BE COMPLETED WHEN REPORTING A TIRE FAILURE**

Tire Make Tire Model (Name or Number) Tire Size (Example P215/65R15)  
DOT No. (Example: DOTM9ABC036) ☐ Original Equipment ☐ Prior Repair Failure Location:  
Tire Component Code Tire Failure Type:

**ADDITIONAL ITEMS TO BE COMPLETED WHEN REPORTING A CHILD SEAT FAILURE**

Make: Date Manufactured: Model No./Name:  
Seat Type: Installation System:  
Child Seat Component Code: Failed Part:

**APPLICABLE INCIDENT INFORMATION**

*(Please describe in detail the incident(s), Failure(s), Crash(es), and injury(ies).)*

Crash ☐ Yes ☒ No Fire ☐ Yes ☒ No Number of Persons Injured 1 Number of Deaths Reported to Police N

**Narrative Description of Incident(S), Crash(es), and Injury(ies).**

Please describe (1) events leading up to the failure, (2) failure and its consequences, and (3) what was done to correct the failure; i.e., parts repaired or replaced (and if old part is available).

TL\*THE CONTACT OWNS A 2005 FORD F150. WHILE DRIVING 2 MPH, THE AIR BAGS DEPLOYED WHILE DRIVING THROUGH A TRAFFIC LIGHT. THE CONTACT WAS ABLE TO SAFELY DRIVE THE VEHICLE HOME. THE DEALER WAS UNABLE TO TELL THE CONTACT WHAT CAUSED THE AIR BAGS TO DEPLOY. A COMPLAINT WAS FILED WITH CONSUMER AFFAIRS. THE FAILURE MILEAGE WAS 92,000. PCO CONTACTED CONSUMER: UNK IF ABL WAS ILLUMINATED AT TIME. DRIVER RECEIVED MINOR BURISES ON ARM. DEALER COULD NOT FIND DAMAGE/FAULT CODERS. REPAIR NOT MADE TO DATE. 20100414.PCO

Include, if available: Police/Fire Department Report, Photos, and Repair Invoice.

ATTACH ADDITIONAL SHEETS IF NECESSARY

The Privacy Act of 1974-Public Law 93-579 This information is requested pursuant to authority vested in the National Highway Traffic Safety Act and subsequent amendments. You are under no obligation to respond to this questionnaire. Your response may be used to assist the NHTSA in determining whether a Manufacturer should take appropriate action to correct a safety defect. If the NHTSA proceeds with administrative enforcement or litigation against a manufacturer, your response, or a statistical summary thereof, may be used in support of the agency's action.

---

**From:** Peter.Ong@dot.gov  
**Sent:** Thursday, April 15, 2010 11:50 AM  
**To:** Culkeen, Patrick (P.M.)  
**Subject:** Owner [REDACTED]

FYI

*Peter C. Ong*

Safety Defects Engineer  
Office of Defects Investigation, NVS-212

---

**From:** [REDACTED]  
**Sent:** Thursday, April 15, 2010 11:45 AM  
**To:** Ong, Peter (NHTSA)  
**Subject:** Re: Got Pics

Dealership: Rancho Ford

Service Manager: George Cox

Contact Number: 951-699-1302 ext. 104

Status: George left me a message stating the diagnostic only showed a deployment code and there appeared to be no recent damage to the front end. He also stated they had notified Ford for Direction on where to take this.

They provided me with no paperwork, but I did save both of my voicemail messages from George.

Peter, thank you for your help, I was very disturbed by Fords stance on this safety issue, especially given the fact that the DVM is investigating them for this very defect.

Fords initial position with me is the Airbags NEVER deploy for no reason, you did something. When they were unable to find the reason they said you're out of warranty take it up with your insurance company or pay for it yourself.

Again thank you and have a good day,

[REDACTED]

On Apr 14, 2010, at 12:47 PM, <[Peter.Ong@dot.gov](mailto:Peter.Ong@dot.gov)> <[Peter.Ong@dot.gov](mailto:Peter.Ong@dot.gov)> wrote:

"Action taken"?

Can you provide me w/ phone of dealer ("George")? Have they notify you of the status? Still no damage/code found? Unk reason for failure?

3/3/2011



***Peter C. Ong***

Safety Defects Engineer  
Office of Defects Investigation, NVS-212

---

**From:** [REDACTED]

**Sent:** Wednesday, April 14, 2010 3:42 PM

**To:** Ong, Peter (NHTSA)

**Subject:** Re: Got Pics

Thank you Peter for keeping me in the loop. Do you have an estimated time frame on the action taken?

Have a Great day,

Jeff Rogers  
951-699-4272

On Apr 14, 2010, at 12:40 PM, <[Peter.Ong@dot.gov](mailto:Peter.Ong@dot.gov)> wrote:

Got 4 pics today, thanks

***Peter C. Ong***

Safety Defects Engineer  
Office of Defects Investigation, NVS-212  
NHTSA, US DOT  
1200 New Jersey Avenue, SE  
Washington DC, 20590  
W45-204

---

**From:** Hull, Michelle (M.K.)  
**Sent:** Monday, August 30, 2010 3:40 PM  
**To:** Culkeen, Patrick (P.M.)  
**Subject:** RE: Job 1

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This e-mail may contain privileged communications. If you have received it in error, please delete it immediately and notify the sender.

Sounds good. Also could we get the customer's address and I'll pull the file to confirm that we sent it to the

---

**From:** Culkeen, Patrick (P.M.)  
**Sent:** Monday, August 30, 2010 3:39 PM  
**To:** Hull, Michelle (M.K.)  
**Subject:** RE: Job 1

Michelle,

The agency was asking if Ford could acquire the parts from this vehicle and obtain a readout from the RCM. It would be interesting to inform the agency that the customer didn't respond back to Ford *last year*. I'll ask the powers that be and will get back with you.

*Patrick M. Culkeen*

**Ford Motor Company**  
Automotive Safety Office  
External Safety Investigations  
Fairlane Plaza South, Suite 500  
330 Town Center Drive  
Dearborn, MI 48126-2738 USA  
W: (313) 594-4792  
F: (313) 594-2268

---

**From:** Hull, Michelle (M.K.)  
**Sent:** Monday, August 30, 2010 3:23 PM  
**To:** Culkeen, Patrick (P.M.)  
**Subject:** RE: Job 1

PRIVILEGED & CONFIDENTIAL

This e-mail may contain privileged communications. If you have received it in error, please delete it immediately and notify the sender.

Sorry I didn't respond sooner on this one. This file was closed in July 2009. The customer never sent any documents in after the letter was sent out in April of 2009. I need the c

---

**From:** Culkeen, Patrick (P.M.)  
**Sent:** Wednesday, July 07, 2010 12:05 PM  
**To:** Hull, Michelle (M.K.)  
**Subject:** FW: Job 1

Michelle,

Can we have the driver air bag, steering wheel, clockspring, and RCM module from this customer's vehicle? The agency has asked for an analysis for this vehicle. Any assistance you can provide is appreciated.

*Patrick M. Culkeen*

**Ford Motor Company**  
Automotive Safety Office  
External Safety Investigations  
Fairlane Plaza South, Suite 500  
330 Town Center Drive  
Dearborn, MI 48126-2738 USA  
W: (313) 594-4792  
F: (313) 594-2268

**From:** Peter.Ong@dot.gov [mailto:Peter.Ong@dot.gov]  
**Sent:** Wednesday, July 07, 2010 11:21 AM  
**To:** Culkeen, Patrick (P.M.)  
**Subject:** Job 1

Pat,

Was the first MY2004 Job1 for this generation of F-150 (w/ dual igniters and routed 90 degree apart?). What was the air bag configuration in MY2003?

PS – Got a message from Mr. Blake Simmons that he still had not heard from Ford as of last week. What is status?  
Attached are his pics

-----Original Message-----

From: blakesimmons@tx.rr.com [mailto:blakesimmons@tx.rr.com]  
Sent: Tuesday, June 01, 2010 1:01 PM  
To: Ong, Peter (NHTSA)  
Subject: Blake Simmons Airbag 2005 Ford F-150

Hi Peter,

Just keeping you updated. I still haven't heard from anyone at Ford concerning the repair of my airbag. I was just wondering if you have heard anything yet.

Blake Simmons  
214-212-4457

Peter C. Ong  
Safety Defects Engineer  
Office of Defects Investigation, NVS-212

-----Original Message-----

From: Ong, Peter (NHTSA)  
Sent: Thursday, May 06, 2010 10:32 AM  
To: 'Culkeen, Patrick (P.M.)'  
Cc: Yon, Scott (NHTSA)  
Subject: FW: Blake Simmons 2005 F-150 airbag pictures

Pat,

Attached is Blake Simmons's info. He had the DAB deployed last year. The dealer didn't tell him of the cause (w/o charging him) and he was not aware of the ABL being illuminated. Can you see if you can inspect and determine the cause of the failure and take pics of the chafed wire if present? His vehicle was in drive/leaving a gas station and was leaning fwd when the air bag deployed on him. He received burises and contusion on this chest, but is now totally healed. He had dealt w/ Grapevine Ford in TX.

ID	Inquiry	Contact_Key	Issue	Case	Issue_Open	VIN1	Issue_Closed	Last_Name	First_Name	State	Phone
1308	PE09-046	15448108490796	10445710	OGC	1544810849	03/25/09	1FTRW12W65K				7

Peter C. Ong  
Safety Defects Engineer  
Office of Defects Investigation, NVS-212

-----Original Message-----

From: [REDACTED]  
Sent: Tuesday, May 04, 2010 1:29 PM  
To: Ong, Peter (NHTSA)  
Subject: [REDACTED] 2005 F-150 airbag pictures

Peter,

Attached are pictures of my truck you asked for. If you need me to retake any, just let me know.

Blake Simmons

*Peter C. Ong*

Safety Defects Engineer  
Office of Defects Investigation, NVS-212  
NHTSA, US DOT  
1200 New Jersey Avenue, SE  
Washington DC, 20590  
W45-204

**From:** [Sherwood, Wesley \(W.\)](#)  
**To:** [Cischke, Sue \(Susan M.\)](#); [Nair, Raj \(S.S.\)](#); [Day, Ray \(R.F.\)](#); [Leitch, David \(D.G.\)](#)  
**Cc:** [Nevi, Raymond \(R.A.\)](#); [Falahee, Thomas \(T.M.\)](#); [Logel, Jay \(J.D.\)](#); [Kopeika, Charles \(C.R.\)](#); [Welch, Sharon \(S.L.\)](#); [Hampton, Karen \(K.D.\)](#); [Krusel, Susan \(S.M.\)](#); [Moore, Jennifer \(J.\)](#); [Stoll, John \(J.D.\)](#); [Flake, Jennifer \(J.\)](#); [Harrison, Paul \(P.D.\)](#); [Deep, Said \(.\)](#)  
**Subject:** Ford Recall News and Q&A  
**Date:** Monday, February 21, 2011 6:51:44 PM  
**Attachments:** [2005-06F-150\\_AirbagWarningLamp\\_QA.doc](#)

---

We expect the National Highway Traffic Safety Administration (NHTSA) to publish as soon as this Thursday the 2005-06 F-150 recall for airbag lamps, possibly at the same time as the 2010 Ranger fuel line and 2011 Super Duty/Edge/MKX body control module recalls.

We expect the F-150 action to draw heightened media attention due to NHTSA's request that we recall more vehicles – 1.3 million total – than are involved. Attached is the Q&A, including the following possible NHTSA actions for the F-150 recall that would influence the amount and tone of media coverage:

1. Normal: NHTSA posts recall without request that we recall more vehicles
2. Increased Risk: NHTSA publicly posts recall and the letter sent to Ford on January 26, 2011, that requested a recall of 1.3 million vehicles and/or issues a consumer advisory for the larger group of vehicles
3. Regulatory Enforcement Procedures: Scenario 2, and NHTSA publicly states they'll pursue regulatory enforcement procedures to force a recall of all 1.3 million vehicles

Please let me know if you have questions. Thank you.

<<...>>

Regards,

Wes Sherwood

Safety Communications Mgr.

o: (313) 390-5660 c: (313) 467-5957

---

**From:** Prescott, Amanda (A.B.)  
**Sent:** Monday, February 14, 2011 4:03 PM  
**To:** Frascaroli, Emily (E.E.)  
**Subject:** RE: F-150 air bag Fact Sheet revisions

I feel your pain

---

**From:** Frascaroli, Emily (E.E.)  
**Sent:** Monday, February 14, 2011 4:00 PM  
**To:** Prescott, Amanda (A.B.)  
**Subject:** RE: F-150 air bag Fact Sheet revisions

Yep, that was on my list of things to look into that I haven't gotten to yet today!

---

**From:** Prescott, Amanda (A.B.)  
**Sent:** Monday, February 14, 2011 3:59 PM  
**To:** Frascaroli, Emily (E.E.)  
**Subject:** RE: F-150 air bag Fact Sheet revisions

I got his out of office. Will do. I need to send you the kick-off meeting notice for the fusion then too.

---

**From:** Frascaroli, Emily (E.E.)  
**Sent:** Monday, February 14, 2011 3:56 PM  
**To:** Prescott, Amanda (A.B.)  
**Cc:** Logel, Jay (J.D.)  
**Subject:** RE: F-150 air bag Fact Sheet revisions

You can just send it to me as Jay is out of the office.

Emily Frascaroli • Ford Motor Company • Office of the General Counsel • (313) 845-1376

**PRIVILEGED & CONFIDENTIAL**

This e-mail may contain privileged communications. If you have received it in error, please delete it immediately and notify the sender.

---

**From:** Prescott, Amanda (A.B.)  
**Sent:** Monday, February 14, 2011 3:55 PM  
**To:** Chasca, Jim (JRCII.); Frascaroli, Emily (E.E.); Logel, Jay (J.D.)  
**Cc:** Welch, Sharon (S.L.); Culkeen, Patrick (P.M.)  
**Subject:** F-150 air bag Fact Sheet revisions

Pat and I are taking a stab at adding the requested information to the fact sheet based on today's FRC. I want Ray/Todd to take a look at it before I send it out for further revision, this will occur tomorrow morning.

Thanks,  
Amanda

Amanda Prescott  
Automotive Safety Office  
Senior Research Engineer  
313-845-7295



---

**From:** Kreiger, Erik (E.)  
**Sent:** Friday, January 14, 2011 12:26 PM  
**To:** Windecker, Brian (B.J.)  
**Cc:** Kaercher, Donald (D.); Hartstang, Joe (J.K.)  
**Subject:** 4L3Z- 14B095-A

Brian.

Please set the forecast for JAN/FEB/MAR

AF2FA 4,000PCS

AF1KA 3,000PCS

AF1TA 1,500PCS

Thank you

Erik M. Kreiger

FSA Parts Specialist & Buyer

313-390-5972

Ford Explorer NAIAS Truck of the Year

Have you driven a Ford lately?

**From:** Kreiger, Erik (E.)  
**Sent:** Tuesday, April 27, 2010 9:54 AM  
**To:** Culkeen, Patrick (P.M.)  
**Cc:** Hartstang, Joe (J.K.)  
**Subject:** ClockSpring.doc

**Attachments:** ClockSpring.doc



ClockSpring.doc

**Pat. File contains information on all parts that have a strikethrough on them. These represent just the F-150/Mark LT/Expl/Mntr/Sprt Trc.**

Program/MY	2002	2003	2004	2005	
U152 U251 Explorer Mountaineer	U152 Explorer & Mountaineer <del>1L2T-14A664-AE</del> <del>2L1T-14A664-AE</del> <del>2L2T-14A664-AC</del> <del>2C5T-14A664-AE</del>	<del>U152 Explorer &amp; Mountaineer</del> <del>2L2T-14A664-AC</del> <del>2C5T-14A664-AE</del>	U152 Explorer & Mountaineer <del>4L2T-14A664-AA</del> <del>4C5T-14A664-AA</del>	U152 Explorer & Mountaineer <del>5L2T-14A664-AA</del> <del>5C5T-14A664-AA</del>	U251 & Mo <del>6L2T</del>
U222 Expedition U228 Navigator			U222 Expedition U228 Navigator <del>4L1T-14A664-AA</del>	U222 Expedition U228 Navigator <del>5L1T-14A664-AA</del>	U222 U228 <del>5L1T</del>
P221/F150 P397/Mark LT			P221/F150 <del>4L2T-14A664-AA</del>	P221/F150 P397/Mark LT <del>5L2T-14A664-AA</del>	P221/ P397/ <del>5L2T</del>
U231 / Aviator	NA	U231/Aviator <del>2C5T-14A664-AE</del>			
P207 Sport Trac P251 Sport Trac	P207 Sport Trac <del>1L5T-14A664-AB</del> <del>1L5T-14A664-BB</del>	P207 Sport Trac <del>1L5T-14A664-AB</del> <del>1L5T-14A664-BB</del>	P207 Sport Trac <del>1L5T-14A664-AB</del> <del>1L5T-14A664-BB</del>	P207 Sport Trac <del>5L5T-14A664-AA</del> <del>5L5T-14A664-BA</del>	P251 <del>6L2T</del>
U204/U364/U293 Escape Mariner			U204/Escape YL84-14A664-A	U204/U364/U293 Escape Mariner <del>5L8T-14A664-A</del>	U204/ Escap Marin <del>5L8T</del>



**1L2Z-14A664-AB(Service)**

**1L2T 14A664 AE(Engineering)**

**SUPPLIER:**

M363C METHODE ELECTRONIC INC  
111 W BUCHANAN RR 2/PO BOX 130  
HANCOCK IL Zip: 62321

**SALES:**

YEAR	Quantity
----	-----
2010	216
2009	644
2008	764
2007	825
2006	976
2005	1104
2004	1653
2003	1758
2002	2256

**USAGE:**

ENG PART: 1L2T 14A664 AE\_\_\_\_\_ ORIGIN: WERS REGION: N USG  
STAT:  
Eng Name: CONTACT ASSEMBLY-AIRBAG SLIDING PT: \_ PTO: \_\_\_\_\_  
VL:  
Svc Part: 1L2Z- 14A664-AB Replaces: Y Is Replcd: N  
USG IND:  
P In Out  
t Vl Yr Yr Feature Descriptions Feature Descriptions  
- - - - -  
T U5 02 EXPLORER/MOUNTAINEER  
T U5 02 02 EXPLORER/MOUNTAINEER 2002 JOB #1 PROGRAM  
CONTROL

**2L1Z-14A664-AA(Service)**

**1L2T 14A664 AE(Engineering)**

**SUPPLIER:**

**SAME AS ABOVE.**

**SALES:**

YEAR	Quantity
----	-----
2010	0
2009	0
2008	0

2007	0
2006	0
2005	1287
2004	1595
2003	978
2002	354

**USAGE:**

ENG PART: 4L1T 14A664 AA\_\_\_\_\_ ORIGIN: WERS REGION: N  
Eng Name: CONT ASY-AIR BAG SLD PT: \_ PTO: \_\_\_\_  
Svc Part: 2L1Z- 14A664-AA Replaces: N Is Replcd: Y  
P In Out  
t V1 Yr Yr Feature Descriptions Feature Descriptions  
-----  
T B5 03 05 NAVIGATOR (U228)  
T B7 03 05 EXPEDITION (U222)  
T F6 04 F150/LINCOLN MARK LT  
T R4 05 RANGER/MAZDA B2000 POWER EQUIPMENT GROUP

**2L2Z-14A664-AB(Service) 5L2T 14A664 AA(Engineering)**

**SUPPLIER:**

**SAME AS ABOVE.**

**SALES:**

YEAR	Quantity
----	-----
2010	0
2009	0
2008	0
2007	246
2006	3367
2005	4164
2004	3067
2003	1493
2002	526

**USAGE:**

ENG PART: 5L2T 14A664 AA\_\_\_\_\_ ORIGIN: WERS REGION: N USG  
STA  
Eng Name: CONT ASY-AIR BAG SLD PT: \_ PTO: \_\_\_\_  
V  
Svc Part: 2L2Z- 14A664-AB Replaces: M Is Replcd: Y  
USG IN  
P In Out  
t V1 Yr Yr Feature Descriptions Feature Descriptions  
-----  
-----

T F6 04 08 F150/LINCOLN MARK LT NORFOLK PLANT BUILD	KANSAS CITY PLANT BUILD
T F6 04 08 F150/LINCOLN MARK LT	DEARBORN PLANT BUILD
T U5 03 05 EXPLORER/MOUNTAINEER BRAKES	LESS ANTI-SPIN TRACTION
T U5 04 04 EXPLORER/MOUNTAINEER	IVD TRACTION BRAKES
T U5 02 02 EXPLORER/MOUNTAINEER CONTRL	2002 1/2 JOB #1 PROGRAM
LESS ANTI-SPIN TRACTION BRAKES	
T U5 05 05 EXPLORER/MOUNTAINEER BRK	ROLL STABILITY CNTRL (RSC)
T U8 03 04 LINCOLN AVIATOR BRAKES	LESS ANTI-SPIN TRACTION

**2C5Z-14A664-AB(Service)      2C5T 14A664 AE(Engineering)**

**SUPPLIER:**

**SAME AS ABOVE.**

**SALES:**

<b>YEAR</b>	<b>Quantity</b>
----	-----
2010	0
2009	0
2008	0
2007	0
2006	0
2005	259
2004	794
2003	243
2002	113

**USAGE:**

ENG PART:    2C5T    14A664 AE\_\_\_\_\_    ORIGIN: WERS    REGION: N    USG  
STA  
Eng Name: CONTACT ASSY-AIRBAG    PT: \_    PTO: \_\_\_\_\_  
V  
Svc Part:    2C5Z-    14A664-AB    Replaces: Y    Is Replcd: Y  
USG IN  
P    In Out  
t V1 Yr Yr Feature Descriptions    Feature Descriptions  
- - - - -  
-----  
T U5 03 04 EXPLORER/MOUNTAINEER    IVD TRACTION BRAKES  
T U5 02 02 EXPLORER/MOUNTAINEER    2002 1/2 JOB #1 PROGRAM  
CONTRL  
IVD TRACTION BRAKES  
T U8 04 04 LINCOLN AVIATOR    IVD TRACTION BRAKES

ROLL STABILITY CNTRL (RSC)

**SUPPLIER:**

**SALES:**

**USAGE :**

PT:            PTO:           

Replaces: Y Is Replcd: N

## Feature Descriptions

IVD TRACTION BRAKES  
ROLL STABILITY CNTRL

## LESS ANTI-SPIN TRACTION

ROLL STABILITY CNTRL

**SUPPLIER:**

**SALES :**

YEAR	Quantity
----	-----
2010	0
2009	1
2008	4
2007	2049
2006	1592
2005	110
2004	0

**USAGE:**

ENG PART: 6L2T 14A664 BF\_\_\_\_\_ ORIGIN: WERS REGION: N USG  
 STA  
 Eng Name: CONT ASY-AIR BAG SLD PT: \_ PTO: \_\_\_\_  
 V  
 Svc Part: 6L2Z- 14A664-A Replaces: N Is Replcd: Y  
 USG IN  
 P In Out  
 t V1 Yr Yr Feature Descriptions Feature Descriptions  
 - - - - -  
 -----  
 T UK 07 EXPLORER SPORT TRAC  
 T U5 06 EXPLORER/MOUNTAINEER ROLL STABILITY CNTRL (RSC)

**7L3Z-14A664-A(Service) 7L3T 14A664 AA(Engineering)**

**SUPPLIER:**

**SAME AS ABOVE.**

**SALES:**

YEAR	Quantity	Replaced Part Number	Message
----	-----	-----	-----
2010	0		
2009	1		
2008	442		
2007	5243	2L2Z- 14A664-AB	MULTIPLE
2006	3528		
2005	4164		
2004	3067		
2003	1493		
2002	526		

**USAGE:**

ENG PART: 7L3T 14A664 AA\_\_\_\_\_ ORIGIN: WERS REGION: N USG  
 STA

PT: \_ PTO: \_\_\_\_\_

V

Replaces: Y Is Replcd: Y

USG IN

P	In	Out
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t	Vl	Yr	Yr	Feature	Descriptions
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## Feature Descriptions

T F6 08 08 F150/LINCOLN MARK LT

KANSAS CITY PLANT BUILD

T F6 04 08 F150/LINCOLN MARK LT

KANSAS CITY PLANT BUILD

NORFOLK PLANT BUILD

T F6 04 08 F150/LINCOLN MARK LT

DEARBORN PLANT BUILD

T U5 03 05 EXPLORER/MOUNTAINEER

## LESS ANTI-SPIN TRACTION

## BRAKES

T U5 04 04 EXPLORER/MOUNTAINEER

IVD TRACTION BRAKES

T U5 02 02 EXPLORER/MOUNTAINEER

2002 1/2 JOB #1 PROGRAM

CONTRL

## LESS ANTI-SPIN TRACTION BRAKES

T U5 05 05 EXPLORER/MOUNTAINEER

ROLL STABILITY CNTRL (RSC)

BRK

T U8 03 04 LINCOLN AVIATOR

## LESS ANTI-SPIN TRACTION

## BRAKES

1L5Z-14A664-AB (Service)

5L5T 14A664 AA (Engineering)

**SUPPLIER:**

SUPLR LOC: U107R TRW AUTOMOTIVE ELECTRONICS

Contact: CLAUDIA BARAJAS

Phone: 956-205-4100\_\_\_\_\_

Street: 9600 INTERNATIONAL BLVD

City: PHARR

State: TX Zip: 78577

**SALES:**

YEAR	Quantity	Replaced Part Number	Message
2010	405		
2009	1285		MULTIPLE
2008	1659		
2007	2161		
2006	2623		
2005	2975		
2004	2843		
2003	2009		
2002	1829		

**USAGE :**

ENG PART: 5L5T 14A664 AA\_\_\_\_\_ ORIGIN: WERS REGION: N USG

ST

Eng Name: CONT ASY-AIR BAG SLD

PT: PTO:

Svc Part: 1L5Z- 14A664-AB

Replaces: M Is Replcd: N

USG I

P In Out

t V1 Yr Yr Feature Descriptions

Feature Descriptions

B	R3	04		RANGER/MAZDA B2000		VULC 3.0L OHV EFI NA V6	
				G*12V			
				LESS SPEED CONTROL		USA	
B	R3	04		RANGER/MAZDA B2000		COLOGNE 4.0L SOHC EFI NA	
				V6 G			
				LESS SPEED CONTROL		USA	
B	R3	04		RANGER/MAZDA B2000		FORD/MAZDA 2.3L 4V NA I4	
				GAS			
				LESS SPEED CONTROL		USA	
T	R3	05	06	RANGER/MAZDA B2000		AIR BAG RESTRAINT-DRIVER	
				SPEED CONTROL			
T	R3	04	04	RANGER/MAZDA B2000		EDISON PLANT BUILD	
				TWIN CITIES PLANT BUILD		AIR BAG RESTRAINT-DRIVER	
				SPEED CONTROL			
T	S1	01	05	EXPLORER SPORT TRAC		SPEED CONTROL	
T	U7		03	EXPLORER SPORT		SPEED CONTROL	
T	U7		01	EXPLORER SPORT		VALENCIA (VENEZUELA) PLT	
				BLD			
				2001 J#1 PROG CTL ADDED STARTR		SPEED CONTROL	

**1L5Z-14A664-BB(Service)**

**1L5T 14A664 BB(Engineering)**

**SUPPLIER:**

M363C METHODE ELECTRONIC INC  
111 W BUCHANAN RR 2/PO BOX 130  
HANCOCK IL Zip: 62321

**SALES:**

YEAR	Quantity
----	-----
2010	0
2009	0
2008	0
2007	0
2006	0
2005	493
2004	563
2003	172
2002	91

**USAGE:**

ENG PART: 1L5T 14A664 BB\_\_\_\_\_ ORIGIN: WERS REGION: N USG  
S

Eng Name: CONTACT ASSY-AIRBAG

PT: \_ PTO: \_\_\_\_\_

Svc Part: 1L5Z- 14A664-BB

Replaces: Y Is Replcd: Y

USG

P In Out

t V1 Yr Yr Feature Descriptions

Feature Descriptions

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--

T R3 05 05 RANGER/MAZDA B2000  
LESS SPEED CONTROL

AIR BAG RESTRAINT-DRIVER

T R3 04 04 RANGER/MAZDA B2000  
TWIN CITIES PLANT BUILD  
LESS SPEED CONTROL

EDISON PLANT BUILD

AIR BAG RESTRAINT-DRIVER

T R8 05 S. A. RANGER (PACHECO)

AIR BAG RESTRAINT-DRIVER

T S1 01 05 EXPLORER SPORT TRAC

LESS SPEED CONTROL

T U7 03 EXPLORER SPORT

LESS SPEED CONTROL

T U7 01 EXPLORER SPORT

VALENCIA (VENEZUELA) PLT

BLD

2001 J#1 PROG CTL ADDED STARTR

LESS SPEED CONTROL

**5L5Z-14A664-A(Service)**

**5L5T 14A664 BA(Engineering)**

**SUPPLIER:**

SUPLR LOC: U107R TRW AUTOMOTIVE ELECTRONICS

Contact: CLAUDIA BARAJAS\_\_\_\_\_

Phone: 956-205-4100\_\_\_\_\_

Street: 9600 INTERNATIONAL BLVD

City: PHARR

State: TX Zip: 78577

**SALES:**

YEAR	Quantity	Replaced Part Number	Message
----	-----	-----	-----
2010	220		
2009	719		
2008	1021		
2007	1315		
2006	1257		
2005	872	1L5Z- 14A664-BB	REPLACED
2004	563		
2003	172		
2002	91		



**USAGE:**

ENG PART: 5L5T 14A664 BA\_\_\_\_\_ ORIGIN: WERS REGION: N USG  
S

Eng Name: CONT ASY-AIR BAG SLD

PT: \_ PTO: \_\_\_\_\_

Svc Part: 5L5Z- 14A664-A

Replaces: Y Is Replcd: N

USG

P In Out

t V1 Yr Yr Feature Descriptions

Feature Descriptions

-----  
--

T R3 05 06 RANGER/MAZDA B2000  
LESS SPEED CONTROL

AIR BAG RESTRAINT-DRIVER

T R3 04 04 RANGER/MAZDA B2000  
TWIN CITIES PLANT BUILD  
LESS SPEED CONTROL

EDISON PLANT BUILD

AIR BAG RESTRAINT-DRIVER

T R8 05 S. A. RANGER (PACHECO)

AIR BAG RESTRAINT-DRIVER

T S1 01 05 EXPLORER SPORT TRAC

LESS SPEED CONTROL

T U7 03 EXPLORER SPORT

LESS SPEED CONTROL

T U7 01 EXPLORER SPORT

VALENCIA (VENEZUELA) PLT

BLD

2001 J#1 PROG CTL ADDED STARTR

LESS SPEED CONTROL

**6L2Z-14A664-A(Service)**

**6L2T 14A664 BF(Engineering)**

**SUPPLIER:**

M363C METHODE ELECTRONIC INC  
111 W BUCHANAN RR 2/PO BOX 130  
HANCOCK IL Zip: 62321

**SALES:**

YEAR Quantity

-----

2010 0

2009 1

2008 4

2007 2049

2006 1592

2005 110

2004 0

**USAGE:**

ENG PART: 6L2T 14A664 BF\_\_\_\_\_ ORIGIN: WERS REGION: N USG  
STA

Eng Name: CONT ASY-AIR BAG SLD

PT: \_ PTO: \_\_\_\_\_

V

Svc Part: 6L2Z- 14A664-A

Replaces: N Is Replcd: Y

USG IN

P		In	Out		
t	Vl	Yr	Yr	Feature Descriptions	Feature Descriptions
-	--	--	--	-----	-----
----					
T	UK	07		EXPLORER SPORT TRAC	
T	U5	06		EXPLORER/MOUNTAINEER	ROLL STABILITY CNTRL (RSC)
BRK					

---

**From:** Kreiger, Erik (E.)  
**Sent:** Tuesday, September 28, 2010 1:54 PM  
**To:** 'Clint.Price@fci.com'; 'Edmond.deChazal@fci.com'  
**Cc:** Griffin, Golon (G.R.); Takada, Shinya (ST.); Hochstadt, Bob (R.F.); Hartstang, Joe (J.K.)  
**Subject:** FCI Pricing Issue

[Clint / Edmond.](#)

[Can we set up a quick call for Wednesday to explain this price increase? We having a hard time figuring out why the uplift is so much. Thank you](#)

[Erik M. Kreiger](#)  
FSA Parts Specialist & Buyer  
313-390-5972

Have you driven a Ford lately?

2010 Fusion-Motor Trends Car Of The Year

---

**From:** Karen.Bird@fci.com [mailto:Karen.Bird@fci.com]  
**Sent:** Tuesday, September 28, 2010 10:48 AM  
**To:** Joel Rosenberg; Carl Godell  
**Cc:** Brad Salter; Clint.Price@fci.com; Carl Godell; Edmond.deChazal@fci.com; Laura.Wakeford@fci.com  
**Subject:** Quick Quote on Terminals

Joel,

The new price on the gold terminal, 1393365-1, from Tyco was entered into our quoting system in the place of the price of the tin terminal. A new assembly price comes back to me from our upper management. This price has been approved by my boss and the SRS director. Now it is your turn to have Ford approve the price.

Right now we have terminals on order and a crimp die on order.....but all will stop if I do not get a corrected p.o. from you.

**Karen Bird**  
Senior Inside Sales Coordinator  
FCI MVL Division - USA  
248-592-2724 phone  
248-592-2701 fax

---

**From:** Ries, Jason (J.S.)  
**Sent:** Thursday, February 17, 2011 4:15 PM  
**To:** Gautz, Jodie (J.L.); Love, Stephanie (S.A.); Kish, Brad (B.P.)  
**Cc:** Kreiger, Erik (E.); Hartstang, Joe (J.K.); Walker, Danyell (D.L.)  
**Subject:** FW: NOTIFICATION OF CAMPAIGN PARTS ARRIVING PROGRAM 11S18  
**Signed By:** jries@ford.com

Tks for the information. Pls ensure the release of this part meets the cadence we have requested in previous emails:

**Facing Customers ~ DDS routes**

500-700 PIECES per day

**Referral Customers**

No more than 1800 PIECES per day

tk

**Jason S. Ries**

*Ford Motor Company  
Customer Service Division (FCSD)  
Detroit High Velocity Center Manager  
Office: 734.479.3801  
Cell: 404.597.7584  
Fax: 734.479.3835  
JRIES@FORD.COM*

---

**From:** Kreiger, Erik (E.)  
**Sent:** Thursday, February 17, 2011 8:27 AM  
**To:** Kreiger, Erik (E.); Hartstang, Joe (J.K.); Talbott, Mark (M.L.); Lester, Charles (C.); Taylor, Michael (M.J.); Ries, Jason (J.S.); DeGiacomo, Tom (T.D.)  
**Subject:** NOTIFICATION OF CAMPAIGN PARTS ARRIVING PROGRAM 11S18

**Subject: Air Bag Jumper Harness**

**FIELD SERVICE ACTION - 11S18**

**PART NUMBERS: 4L3Z- 14B095-A**

**Vehicle Population: 135,000**

-Population of program part have already shipped. Program may be expanded at a further date. Orders from dealers should start on or around 2.23.11.

Erik M. Kreiger

FSA Parts Specialist & Buyer

313-390-5972

Ford Explorer NAIAS Truck of the Year

Have you driven a Ford lately?

---

**From:** Kreiger, Erik (E.)  
**Sent:** Thursday, April 08, 2010 11:48 AM  
**To:** Hartstang, Joe (J.K.)  
**Subject:** FW: PO # 129482 - Confirm (F150 Airbag)  
**Importance:** High

*Erik M. Kreiger*

FSA Parts Specialist  
313-390-5972

Have you driven a Ford lately?

2010 Fusion-Motor Trends Car Of The Year

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**From:** Sevenski, Greg [mailto:Greg.Sevenski@federalmogul.com]  
**Sent:** Thursday, April 08, 2010 11:46 AM  
**To:** Kreiger, Erik (E.); Fisher, Sharon; Sroka, Tom  
**Cc:** Kolka, Jason (J.B.); Don Kaercher; Richards, Gregg; Fain, Ed  
**Subject:** RE: PO # 129482 - Confirm  
**Importance:** High

Erik - We will take a closer look into this situation.

Sharon or Tom - Can you advise Erik on this issue and on our ability to improve on delivering the initial 3,500?

Regards,

Greg Sevenski  
Senior Account Manager, Powertrain Energy  
Federal-Mogul Corporation  
Ph: 248 354 8947  
Fx: 248 354 4331  
Mb: 248 877 0546

---

**From:** Kreiger, Erik (E.) [mailto:ekreiger@ford.com]  
**Sent:** Thursday, April 08, 2010 11:36 AM  
**To:** Sevenski, Greg  
**Cc:** Kolka, Jason (J.B.); Don Kaercher  
**Subject:** PO # 129482 - Confirm

Greg.

We have a possible issue that we need FM to dig a little deeper. Service Part 9L8Z-7H360-A

3/2/2011

will be going into a recall kit that we need to launch by the end of the month. We were at green status until this note from your plant. I can not launch with 975pcs. We need at least 3,500pcs in order to fill initial demand. Total buy is 9,000pcs. This will get a lot of news attention with the current situation with NHTSA and our management is not happy with this late news from FM. Can you look in to this and get back with us ASAP?

Thank you

*Erik M. Kreiger*

FSA Parts Specialist  
313-390-5972

Have you driven a Ford lately?  
2010 Fusion-Motor Trends Car Of The Year

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**From:** Anna Kaczmar  
**To:** Elizabeth Dresbach  
**Sent:** Wed Apr 07 15:34:19 2010  
**Subject:** FW: PO # 129482 - Confirm

Here is another one to update.

Thanks,  
Anna

---

**From:** Taylor, Peggy [mailto:Peggy.Taylor@federalmogul.com]  
**Sent:** Friday, March 26, 2010 4:17 PM  
**To:** Anna Kaczmar  
**Cc:** Taylor, Mark  
**Subject:** RE: PO # 129482 - Confirm

Anna - There has been a slight change in what I originally promised. We can ship you 975 pcs. on Monday, 3/29 - but am not sure of when we will be able to ship the balance. I just found out that we only have one mold set approved on this part at this time and we presently ship this part to Linamar and are past due to them. We allocated the 975 because we thought we could put this in a second press to satisfy Linamar plus your requirements, but since we don't have the second mold set approved yet, this won't work. What is your usage on this part? How far will 975 pcs. get you and what is the minimum quantity you will need to keep your production going? We are working on getting the second mold set approved, but at this time, we are not sure when that will take place. We are thinking it should be approximately one month out. We will keep you informed.

Thanks,

Peggy Taylor  
Customer Service  
Federal Mogul  
2845 W State Rd 28  
Frankfort, IN 46041  
Phone: 765-659-7204  
Fax: 765-659-7223

e-mail: [peggy.taylor@federalmogul.com](mailto:peggy.taylor@federalmogul.com)

---

**From:** Anna Kaczmar [mailto:akaczmar@hlgllc.com]  
**Sent:** Friday, March 26, 2010 3:35 PM  
**To:** Taylor, Peggy  
**Cc:** Don Kaercher  
**Subject:** RE: PO # 129482 - Confirm

Hello Peggy,

Thanks for the info, yes that would be great.

---

**From:** Taylor, Peggy [mailto:Peggy.Taylor@federalmogul.com]  
**Sent:** Friday, March 26, 2010 3:11 PM  
**To:** Anna Kaczmar  
**Subject:** RE: PO # 129482 - Confirm

Anna - we have 960 pcs. we could ship to you on Monday, 3/29 and then the balance we would not be able to ship until 4/12.

Is this acceptable?

Please let me know.

Thanks,

Peggy Taylor  
Customer Service  
Federal Mogul  
2845 W State Rd 28  
Frankfort, IN 46041  
Phone: 765-659-7204  
Fax: 765-659-7223

e-mail: peggy.taylor@federalmogul.com

---

**From:** Anna Kaczmar  
**Sent:** Monday, March 22, 2010 11:23 AM  
**To:** 'peggy.taylor@federalmogul.com'  
**Subject:** PO # 129482 - Confirm  
**Importance:** High

Hello,

Please confirm receipt of the attached purchase order and the required by date.....**Please note these are HOT HOT HOT parts I need to know how soon can you ship.**

Thanks,

*Anna S. Kaczmar*  
Hollingsworth Logistics

3/2/2011



Material Planner  
Office: 313-768-1412  
[akaczmar@hlgllc.com](mailto:akaczmar@hlgllc.com)

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---

**From:** Kreiger, Erik (E.)  
**Sent:** Thursday, September 23, 2010 2:27 PM  
**To:** 'Karen.Bird@fci.com'  
**Cc:** Sutherland, Roy (R.W.); Hochstadt, Bob (R.F.); Hartstang, Joe (J.K.); Griffin, Golon (G.R.)  
**Subject:** RE: Air Bag Quote

[Karen.](#)

[We need a PO in to Tyco today for the gold terminals. This should have been done on 9.1.10.  
Please ensure this takes place. Thank you.](#)

[Erik M. Kreiger](#)  
FSA Parts Specialist & Buyer  
313-390-5972

Have you driven a Ford lately?

2010 Fusion-Motor Trends Car Of The Year

---

**From:** Kreiger, Erik (E.)  
**Sent:** Wednesday, December 08, 2010 11:00 AM  
**To:** 'Joel Rosenberg'  
**Cc:** Hartstang, Joe (J.K.)  
**Subject:** RE: Air Bag

Thanks Joel.

**Erik M. Kreiger**  
FSA Parts Specialist & Buyer  
313-390-5972

Have you driven a Ford lately?

2010 Fusion-Motor Trends Car Of The Year

---

**From:** Joel Rosenberg [mailto:jmr@Sterlingtech.org]  
**Sent:** Wednesday, December 08, 2010 10:59 AM  
**To:** Kreiger, Erik (E.)  
**Subject:** RE: Air Bag

Erik,  
Brad told me 92,000 through yesterday..

Joel Rosenberg  
President  
Direct: 248-563-1471  
Main: 248-669-0334  
Fax: 248-669-0336  
Sterling Technologies, Inc.  
2035 Easy St.  
Commerce, Michigan 48390  
www.Sterlingtech.Org

---

**From:** Kreiger, Erik (E.) [mailto:ekreiger@ford.com]  
**Sent:** Wednesday, December 08, 2010 10:20 AM  
**To:** Joel Rosenberg; Kaercher, Donald (D.)  
**Cc:** Hartstang, Joe (J.K.)  
**Subject:** Air Bag

Joel

Can you let us know how many jumper harnesses you have shipped to HLM? Thank you

**Erik M. Kreiger**  
FSA Parts Specialist & Buyer  
313-390-5972

3/2/2011

Have you driven a Ford lately?

2010 Fusion-Motor Trends Car Of The Year

**From:** Kreiger, Erik (E.)  
**Sent:** Wednesday, May 12, 2010 8:49 AM  
**To:** Hochstadt, Bob (R.F.); Hartstang, Joe (J.K.); Kilar, Kurt (K.R.)  
**Subject:** RE: CLOCKSPRING JUMPER

**This is not in reference to the [REDACTED] situation that STI is the supplier on. This is in reference to the Air Bag potential program.**

Redacted for  
relevance

*Erik M. Kreiger*

FSA Parts Specialist  
 313-390-5972

Have you driven a Ford lately?

2010 Fusion-Motor Trends Car Of The Year

---

**From:** Hochstadt, Bob (R.F.)  
**Sent:** Wednesday, May 12, 2010 8:47 AM  
**To:** 'Beauchamp, Tina'; Kreiger, Erik (E.); Hartstang, Joe (J.K.); Kilar, Kurt (K.R.)  
**Subject:** RE: CLOCKSPRING JUMPER

This part went out 9/22/2008.

SERVICE PART: 8L3Z- 14A664-A  
 ENGINEERING PART: 8L3T 14A664 AA

08 09 F150/LINCOLN MARK LT	KANSAS CITY PLANT BUILD
04 09 F150/LINCOLN MARK LT	KANSAS CITY PLANT BUILD
NORFOLK PLANT BUILD	
04 09 F150/LINCOLN MARK LT	DEARBORN PLANT BUILD
03 05 EXPLORER/MOUNTAINEER	LESS ANTI-SPIN TRACTION BRAKES
04 04 EXPLORER/MOUNTAINEER	IVD TRACTION BRAKES
02 02 EXPLORER/MOUNTAINEER	2002 1/2 JOB #1 PROGRAM CONTRL
LESS ANTI-SPIN TRACTION BRAKES	
05 05 EXPLORER/MOUNTAINEER	ROLL STABILITY CNTRL (RSC) BRK
03 04 LINCOLN AVIATOR	LESS ANTI-SPIN TRACTION BRAKES

**Erik, I think Tina is referring to your [REDACTED] part requirement. Please give her a call.**

Redacted for relevance

---

**From:** Beauchamp, Tina [mailto:TBeauchamp@lear.com]  
**Sent:** Wednesday, May 12, 2010 8:30 AM  
**To:** Hochstadt, Bob (R.F.); Kreiger, Erik (E.); Hartstang, Joe (J.K.); Kilar, Kurt (K.R.)  
**Subject:** RE: CLOCKSPRING JUMPER

**Correction the base number is 14A664**

**Bob,**

3/2/2011

I don't think a P/N for the jumper has been released but I believe the actual clockspring assembly P/N is 8L3T-14A464-AA.

**Tina**

Sr. Account Manager  
248-447-1964 phone  
248-447-1920 fax

---

**From:** Hochstadt, Bob (R.F.) [mailto:rhochsta@ford.com]  
**Sent:** Wednesday, May 12, 2010 8:26 AM  
**To:** Kreiger, Erik (E.); Hartstang, Joe (J.K.); Kilar, Kurt (K.R.)  
**Cc:** Beauchamp, Tina  
**Subject:** RE: CLOCKSPRING JUMPER

Does anyone have a part number?

---

**From:** Kreiger, Erik (E.)  
**Sent:** Wednesday, May 12, 2010 7:40 AM  
**To:** Hartstang, Joe (J.K.); Hochstadt, Bob (R.F.); Kilar, Kurt (K.R.)  
**Subject:** CLOCKSPRING JUMPER

I defer to purchasing to advise me on how to answer Tina's question about previous supplier. I will respond back once we get direction from your area. Thank you.

*Erik M. Kreiger*

FSA Parts Specialist  
313-390-5972

Have you driven a Ford lately?

2010 Fusion-Motor Trends Car Of The Year

---

**From:** Beauchamp, Tina [mailto:TBeauchamp@lear.com]  
**Sent:** Tuesday, May 11, 2010 4:49 PM  
**To:** Kreiger, Erik (E.)  
**Subject:** CLOCKSPRING JUMPER

Hi Erik,

Can you let me know for the clockspring jumper you are asking Lear to develop and build, who is the original supplier for this part? It was for the 2004-2006 F-150 and Mark LT vehicles?

If you can let me know I would appreciate it. Thank you.

**Tina**

3/2/2011

Sr. Account Manager  
248-447-1964 phone  
248-447-1920 fax

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**From:** Beauchamp, Tina [TBeauchamp@lear.com]  
**Sent:** Wednesday, May 12, 2010 9:01 AM  
**To:** Hochstadt, Bob (R.F.); Kreiger, Erik (E.); Hartstang, Joe (J.K.); Kilar, Kurt (K.R.)  
**Subject:** RE: CLOCKSPRING JUMPER

It's the clockspring jumper that we are working on now. I just wanted to know who supplied the part below that went out in 2008.

**Tina**

Sr. Account Manager  
 248-447-1964 phone  
 248-447-1920 fax

---

**From:** Hochstadt, Bob (R.F.) [mailto:rhochsta@ford.com]  
**Sent:** Wednesday, May 12, 2010 8:47 AM  
**To:** Beauchamp, Tina; Kreiger, Erik (E.); Hartstang, Joe (J.K.); Kilar, Kurt (K.R.)  
**Subject:** RE: CLOCKSPRING JUMPER

This part went out 9/22/2008.

SERVICE PART: 8L3Z- 14A664-A  
 ENGINEERING PART: 8L3T 14A664 AA

08 09 F150/LINCOLN MARK LT	KANSAS CITY PLANT BUILD
04 09 F150/LINCOLN MARK LT	KANSAS CITY PLANT BUILD
NORFOLK PLANT BUILD	
04 09 F150/LINCOLN MARK LT	DEARBORN PLANT BUILD
03 05 EXPLORER/MOUNTAINEER	LESS ANTI-SPIN TRACTION BRAKES
04 04 EXPLORER/MOUNTAINEER	IVD TRACTION BRAKES
02 02 EXPLORER/MOUNTAINEER	2002 1/2 JOB #1 PROGRAM CNTRL
LESS ANTI-SPIN TRACTION BRAKES	
05 05 EXPLORER/MOUNTAINEER	ROLL STABILITY CNTRL (RSC) BRK
03 04 LINCOLN AVIATOR	LESS ANTI-SPIN TRACTION BRAKES

Erik, I think Tina is referring to your [REDACTED] part requirement. Please give her a call.

Redacted for relevance

---

**From:** Beauchamp, Tina [mailto:TBeauchamp@lear.com]  
**Sent:** Wednesday, May 12, 2010 8:30 AM  
**To:** Hochstadt, Bob (R.F.); Kreiger, Erik (E.); Hartstang, Joe (J.K.); Kilar, Kurt (K.R.)  
**Subject:** RE: CLOCKSPRING JUMPER

Correction the base number is 14A664

Bob,

I don't think a P/N for the jumper has been released but I believe the actual clockspring assembly P/N is 8L3T-14A464-AA.

**Tina**

Sr. Account Manager  
 248-447-1964 phone  
 248-447-1920 fax



**From:** Hochstadt, Bob (R.F.) [mailto:rhochsta@ford.com]  
**Sent:** Wednesday, May 12, 2010 8:26 AM  
**To:** Kreiger, Erik (E.); Hartstang, Joe (J.K.); Kilar, Kurt (K.R.)  
**Cc:** Beauchamp, Tina  
**Subject:** RE: CLOCKSPRING JUMPER

Does anyone have a part number?

---

**From:** Kreiger, Erik (E.)  
**Sent:** Wednesday, May 12, 2010 7:40 AM  
**To:** Hartstang, Joe (J.K.); Hochstadt, Bob (R.F.); Kilar, Kurt (K.R.)  
**Subject:** CLOCKSPRING JUMPER

I defer to purchasing to advise me on how to answer Tina's question about previous supplier. I will respond back once we get direction from your area. Thank you.

*Erik M. Kreiger*

FSA Parts Specialist  
 313-390-5972

Have you driven a Ford lately?  
 2010 Fusion-Motor Trends Car Of The Year

---

**From:** Beauchamp, Tina [mailto:TBeauchamp@lear.com]  
**Sent:** Tuesday, May 11, 2010 4:49 PM  
**To:** Kreiger, Erik (E.)  
**Subject:** CLOCKSPRING JUMPER

Hi Erik,

Can you let me know for the clockspring jumper you are asking Lear to develop and build, who is the original supplier for this part? It was for the 2004-2006 F-150 and Mark LT vehicles?

If you can let me know I would appreciate it. Thank you.

**Tina**

Sr. Account Manager  
 248-447-1964 phone  
 248-447-1920 fax

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**From:** Culkeen, Patrick (P.M.)  
**Sent:** Monday, April 19, 2010 10:24 AM  
**To:** Kreiger, Erik (E.)  
**Subject:** RE: FM

Yup, but things have been busy around here. I hope to set up a quick meeting for some time this week. Any word from Lear or Sterling?

*Patrick M. Culkeen*

**Ford Motor Company**

Automotive Safety Office  
External Safety Investigations  
Fairlane Plaza South, Suite 500  
330 Town Center Drive  
Dearborn, MI 48126-2738 USA  
W: (313) 594-4792  
F: (313) 594-2268

---

**From:** Kreiger, Erik (E.)  
**Sent:** Monday, April 19, 2010 9:52 AM  
**To:** Culkeen, Patrick (P.M.)  
**Subject:** FM

**Pat,**

**Did you hear from Federal Mogul on the wire wrap product?**

*Erik M. Kreiger*

FSA Parts Specialist  
313-390-5972

Have you driven a Ford lately?  
2010 Fusion-Motor Trends Car Of The Year

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**From:** Middlemis, Gregory (G.A.)  
**Sent:** Tuesday, March 30, 2010 3:58 PM  
**To:** Kreiger, Erik (E.)  
**Cc:** Hochstadt, Bob (R.F.); Hartstang, Joe (J.K.)  
**Subject:** RE: Methode

Talal Kakish  
248 354 6666  
[Talal.kakish@methode.com](mailto:Talal.kakish@methode.com)

## ***Greg Middlemis***

Retail Parts Purchasing Department  
North American Purchasing  
Ford Customer Service Division  
Regent Court Bldg 3S131 Phone: 313 390 1708

---

**From:** Kreiger, Erik (E.)  
**Sent:** Tuesday, March 30, 2010 2:43 PM  
**To:** Hochstadt, Bob (R.F.); Middlemis, Gregory (G.A.)  
**Cc:** Hartstang, Joe (J.K.)  
**Subject:** Methode

**Greg/Bob.**

**Do either of you have a purchasing contact at Methode / M363C? I need to send them a RFQ. Thank you**

*Erik M. Kreiger*

FSA Parts Specialist

313-390-5972

Have you driven a Ford lately?

2010 Fusion-Motor Trends Car Of The Year

---

**From:** Joel Rosenberg [jmr@Sterlingtech.org]  
**Sent:** Friday, October 22, 2010 11:15 AM  
**To:** Karen.Bird@fci.com; Kreiger, Erik (E.)  
**Cc:** Laura.Wakeford@fci.com; Kreiger, Erik (E.); Carl Godell; Brad Salter  
**Subject:** RE: transportation costs.

Karen,  
Saturday pick-up and/or delivery is not necessary. Please ship on Monday through Friday only for delivery Monday through Friday only. Sterling's Shipping department is not open on Saturdays.  
Thank you,

Joel Rosenberg  
President  
Direct: 248-563-1471  
Main: 248-669-0334  
Fax: 248-669-0336  
Sterling Technologies, Inc.  
2035 Easy St.  
Commerce, Michigan 48390  
[www.Sterlingtech.Org](http://www.Sterlingtech.Org)

---

**From:** Karen.Bird@fci.com [mailto:Karen.Bird@fci.com]  
**Sent:** Friday, October 22, 2010 10:54 AM  
**To:** ekreiger@ford.com  
**Cc:** Joel Rosenberg; Laura.Wakeford@fci.com  
**Subject:** transportation costs.  
**Importance:** High

Hello Erik

I just left you a voice message regarding the transportation costs from Honduras to Walled Lake, MI. Even though Ford as agreed to reimburse us for the freight, our company's Comptroller will not allow it. We have already shipped product on our dime via Fed Ex. Now we need to ship again today and tomorrow and we need to use either Ford's account number or Sterling's account number to do so.

Also we will need a UPS number in order to ship out on Saturday as Fed Ex does not pick up on Sat.

We will need this information quickly so the plant can prepare the correct paper work.

Regards,

Karen Bird

Senior Inside Sales Coordinator

FCI MVL Division - USA

248-592-2724 phone

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**From:** Chris Remaley [CRemaley@hlgllc.com]  
**Sent:** Friday, November 05, 2010 9:52 AM  
**To:** Kreiger, Erik (E.)  
**Subject:** RE: RFQ

We have not designed packaging yet...I can give you an estimate if you need it but the parts are not in house yet.

Chris Remaley  
Director of Inventory Control and Pricing  
Hollingsworth Logistics Group  
phone : 313-768-1404  
e-mail [cremaley@hlgllc.com](mailto:cremaley@hlgllc.com)

---

**From:** Kreiger, Erik (E.) [mailto:[ekreiger@ford.com](mailto:ekreiger@ford.com)]  
**Sent:** Friday, November 05, 2010 8:43 AM  
**To:** Don Kaercher; Chris Remaley  
**Subject:** RFQ

[Don/Chris.](#)

[Did you ever send over final quote for air bag program from STI? 4L3Z- 14B095-A](#)

[Erik M. Kreiger](#)  
FSA Parts Specialist & Buyer  
313-390-5972

Have you driven a Ford lately?

2010 Fusion-Motor Trends Car Of The Year

---

**From:** Campbell, Ixchel (I.L.)  
**Sent:** Friday, October 15, 2010 10:49 AM  
**To:** Kreiger, Erik (E.)  
**Cc:** Bissi, Gerald (G.V.)  
**Subject:** RE: RFQ

Erik,

This was moved to a another Engineer in my group Jerry Bissi. Please remove me from the distribution list and add Jerry.

Thank you.

Regards,

*Ixchel L. Campbell*

Black Belt Candidate  
Consumer Driven 6-Sigma  
SEO/Ford Customer Service Division  
PH: (313) 84-54311 FAX : (313) 62-16526  
e-mail: <<<mailto:icampbe3@ford.com>>>

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**From:** Kreiger, Erik (E.)  
**Sent:** Friday, October 15, 2010 9:37 AM  
**To:** Brian Barrett; Campbell, Ixchel (I.L.); Jeff Hatt; Hartstang, Joe (J.K.)  
**Subject:** RFQ

Brian.

I got your voice mail and all points you brought up are valid. Here is what we request:

- Can you break out all line item charges on a Excel file? Please provide some detail on each line item so we can review.
- Please provide any timing associated with each line item. I.E. lead-time for tooling/fixtures.

Thank you

**Erik M. Kreiger**  
FSA Parts Specialist & Buyer  
313-390-5972  
Have you driven a Ford lately?  
2010 Fusion-Motor Trends Car Of The Year





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**From:** Joel Rosenberg [jmr@Sterlingtech.org]  
**Sent:** Wednesday, September 29, 2010 12:27 PM  
**To:** Kreiger, Erik (E.)  
**Cc:** Carl Godell  
**Subject:** Sterling data from FCI

Erik,  
FYI. So far we have not received either a revised quote nor a production launch timeline from FCI.  
Talk to you soon.  
Joel

Joel Rosenberg  
President  
Direct: 248-563-1471  
Main: 248-669-0334  
Fax: 248-669-0336  
Sterling Technologies, Inc.  
2035 Easy St.  
Commerce, Michigan 48390  
[www.Sterlingtech.Org](http://www.Sterlingtech.Org)

---

**From:** Joel Rosenberg [jmr@Sterlingtech.org]  
**Sent:** Wednesday, August 04, 2010 10:53 AM  
**To:** Kreiger, Erik (E.)  
**Cc:** Carl Godell  
**Subject:** Sterling Quote Review

Erik,  
Thanks for taking the time for the review this morning. Am I supposed to send you the revised quote, or are you sending me something to respond to?  
Please let me know.  
Thanks  
Joel

Joel Rosenberg  
President  
Direct: 248-563-1471  
Main: 248-669-0334  
Fax: 248-669-0336  
Sterling Technologies, Inc.  
2035 Easy St.  
Commerce, Michigan 48390  
[www.Sterlingtech.Org](http://www.Sterlingtech.Org)

---

**From:** Chad Baker  
**Sent:** Wednesday, August 04, 2010 10:48 AM  
**To:** Joel.rosenberg@sterlingtech.org  
**Subject:** Freight

Do we know an estimated customs value per pallet?

Chad Baker  
2035 Easy Street  
Commerce Twp, MI 48390  
Phone 248-669-0334  
Fax 248-669-0336

---

**From:** Rooker, Heather (H.R.)  
**Sent:** Thursday, January 13, 2011 9:30 AM  
**To:** Kreiger, Erik (E.)  
**Subject:** T401565

Sterling Tool Ref. #

What is the part number & P&A Code?

Thanks and sorry for dealy will PDF to you this after

Heather Rooker  
FSA Parts Specialist/Buyer  
FSCD: Parts, Supply & Logistics  
Regent Court Bldg, St 3N401  
Dearborn, Mi 48126-4204  
(313)390-5933

---

**From:** Culkeen, Patrick (P.M.)  
**Sent:** Wednesday, April 07, 2010 9:46 AM  
**To:** Kreiger, Erik (E.); Sutherland, Roy (R.W.); Chascsa, Jim (JRCII.)  
**Subject:** Other Bentley Harris Alternatives - Try this link

**Follow Up Flag:** Follow up  
**Flag Status:** Red

[http://www.federalmogul.com/Federal-Mogul/Templates/Template\\_D1.aspx?NRMODE=Published&NRNODEGUID={59B56821-2C8D-4390-BBFB-16F3213EF46F}&NRORIGINALURL=/en/OETechnology/VehicleSafety-Protection/SystemsProtection/Automotive/Abrasion-mechanical/&NRCACHEHINT=Guest&Tab=Products](http://www.federalmogul.com/Federal-Mogul/Templates/Template_D1.aspx?NRMODE=Published&NRNODEGUID={59B56821-2C8D-4390-BBFB-16F3213EF46F}&NRORIGINALURL=/en/OETechnology/VehicleSafety-Protection/SystemsProtection/Automotive/Abrasion-mechanical/&NRCACHEHINT=Guest&Tab=Products)

*Patrick M. Culkeen*

**Ford Motor Company**  
Automotive Safety Office  
External Safety Investigations  
Fairlane Plaza South, Suite 500  
330 Town Center Drive  
Dearborn, MI 48126-2738 USA  
W: (313) 594-4792  
F: (313) 594-2268

---

**From:** Dean, Michael (M.J.)  
**Sent:** Tuesday, May 11, 2010 4:04 PM  
**To:** Culkeen, Patrick (P.M.)  
**Subject:** P221 (F150) Pictures - group 1

**Attachments:** P221\_SW-DAB\_Clockspring\_Pictures\_p04.pdf; P221\_SW-DAB\_Clockspring\_Pictures\_p03.pdf; P221\_SW-DAB\_Clockspring\_Pictures\_p02.pdf; P221\_SW-DAB\_Clockspring\_Pictures\_p01.pdf

Hello Patrick,

Well here comes the 1st four pictures:

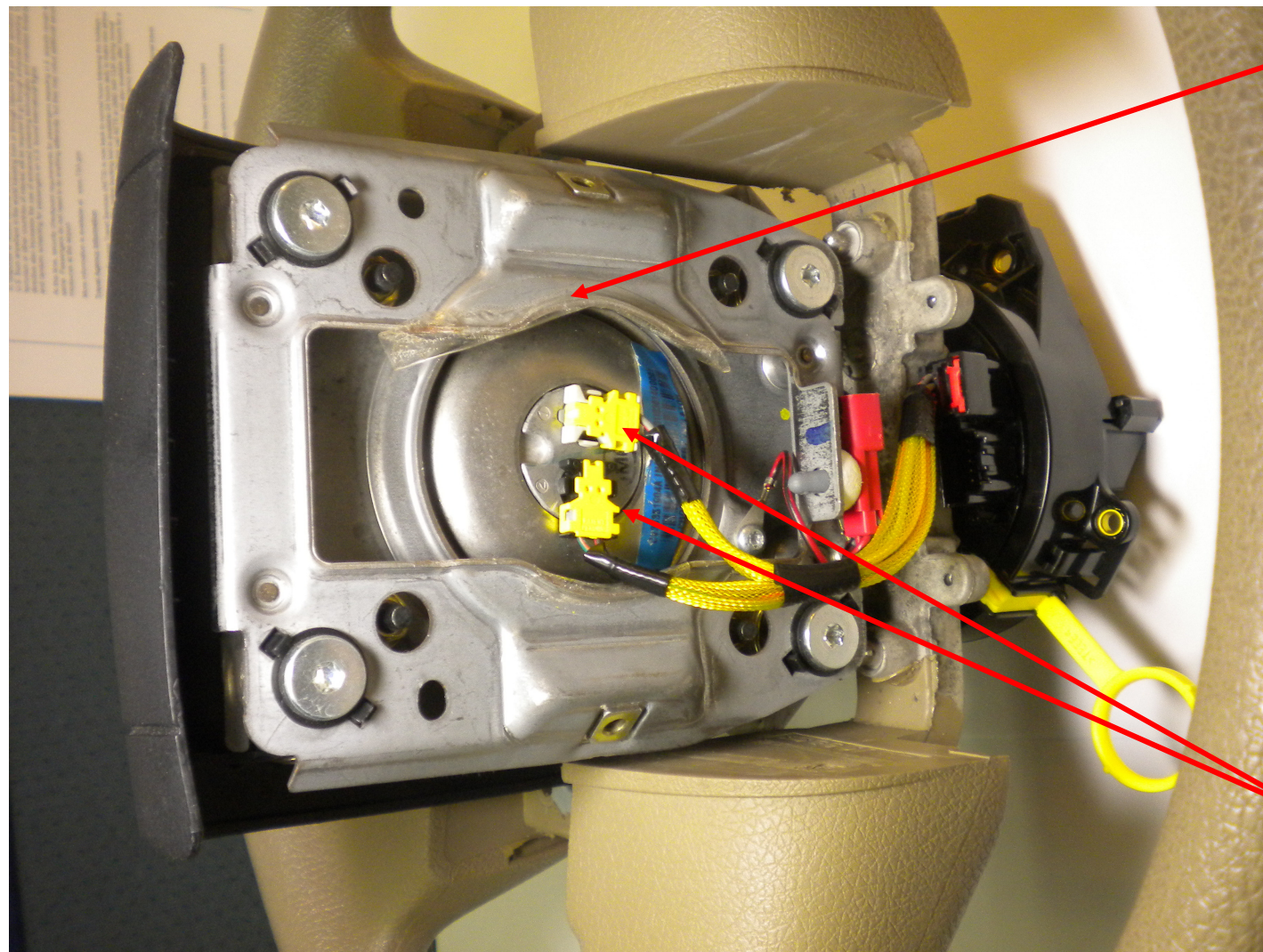


P221\_SW-DAB\_ClocP221\_SW-DAB\_ClocP221\_SW-DAB\_ClocP221\_SW-DAB\_Cloc  
kspring\_Pictur... kspring\_Pictur... kspring\_Pictur... kspring\_Pictur...

Have a great day,  
"Teamwork Leads to Success!"  
Michael J. Dean  
Ford Restraints - SW/DAB D&R Eng  
C170/B299N/C346N  
PDC 1D-E27  
Ford Cell Ph : (313) 805-7890  
Email Addr : mdean6@ford.com

pls. visit [www.thefordstory.com](http://www.thefordstory.com)

## P221 (F150) SW/DAB/Clock Spring Views



Initial DAB level having clear Mylar tape on horn plate outline (has been replaced with Flock tape)

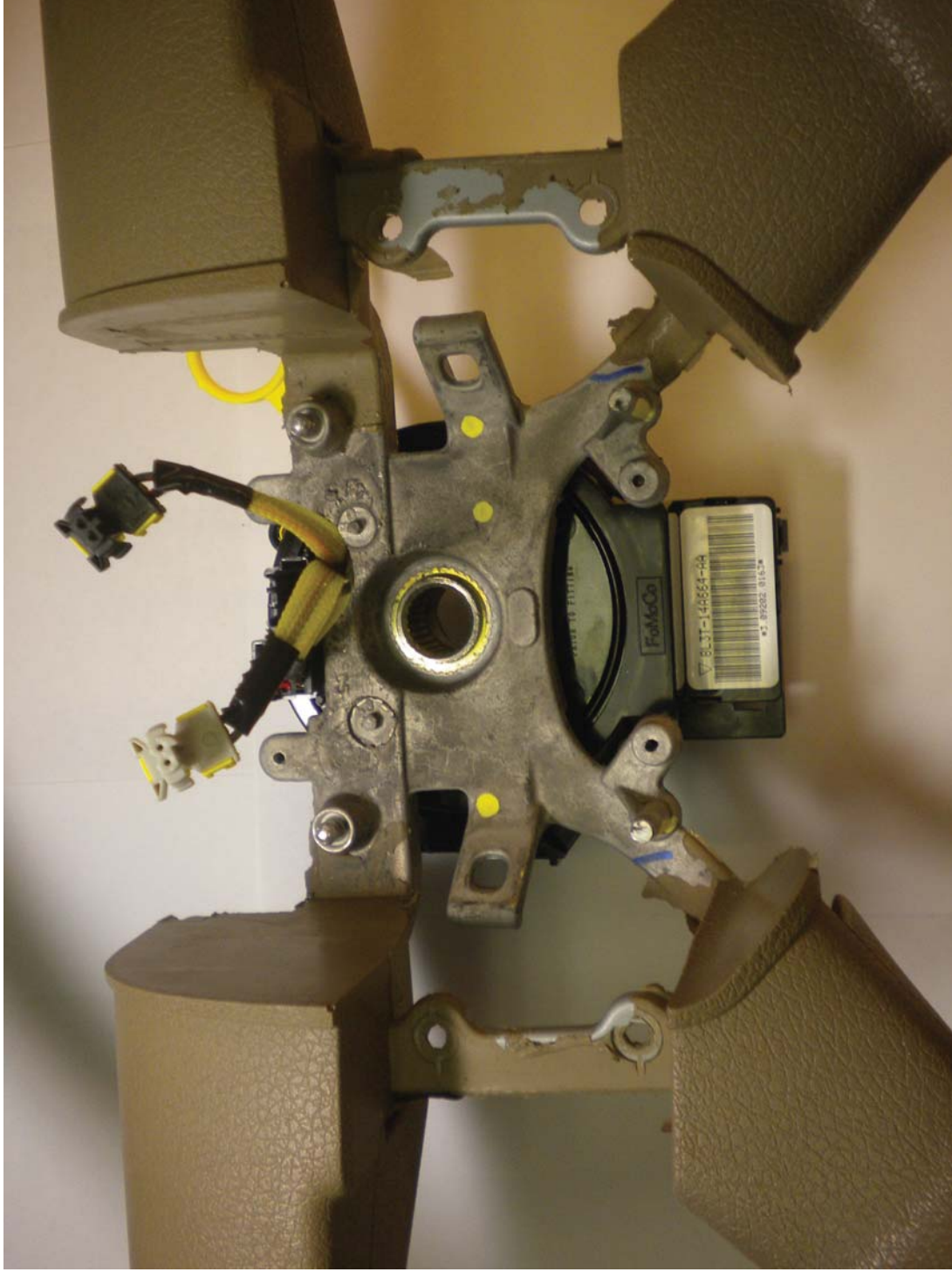
Initial DAB level having squib connectors orientated 90 degrees apart (squib connector orientation changed to be inline/parallel)

Angled view of P221 (F150) DAB with connectors from Clock spring engaged

\*\* DAB orientation is for picture clarity and is not installed in Str Whl)



## P221 (F150) SW/DAB/Clock Spring Views



Front view of P221 (F150) Str Wheel and Clock Spring



## P221 (F150) SW/DAB/Clock Spring Views



Front view of P221 (F150) Clock Spring

## P221 (F150) SW/DAB/Clock Spring Views



Front view of P221 (F150) Steering Wheel  
(back cover & switches removed for visibility)

---

**From:** Dean, Michael (M.J.)  
**Sent:** Tuesday, May 11, 2010 4:04 PM  
**To:** Culkeen, Patrick (P.M.)  
**Subject:** P221 (F150) Pictures - group 2

**Attachments:** P221\_SW-DAB\_Clockspring\_Pictures\_p08.pdf; P221\_SW-DAB\_Clockspring\_Pictures\_p07.pdf; P221\_SW-DAB\_Clockspring\_Pictures\_p06.pdf; P221\_SW-DAB\_Clockspring\_Pictures\_p05.pdf

Hello Patrick,

2nd group of pictures:

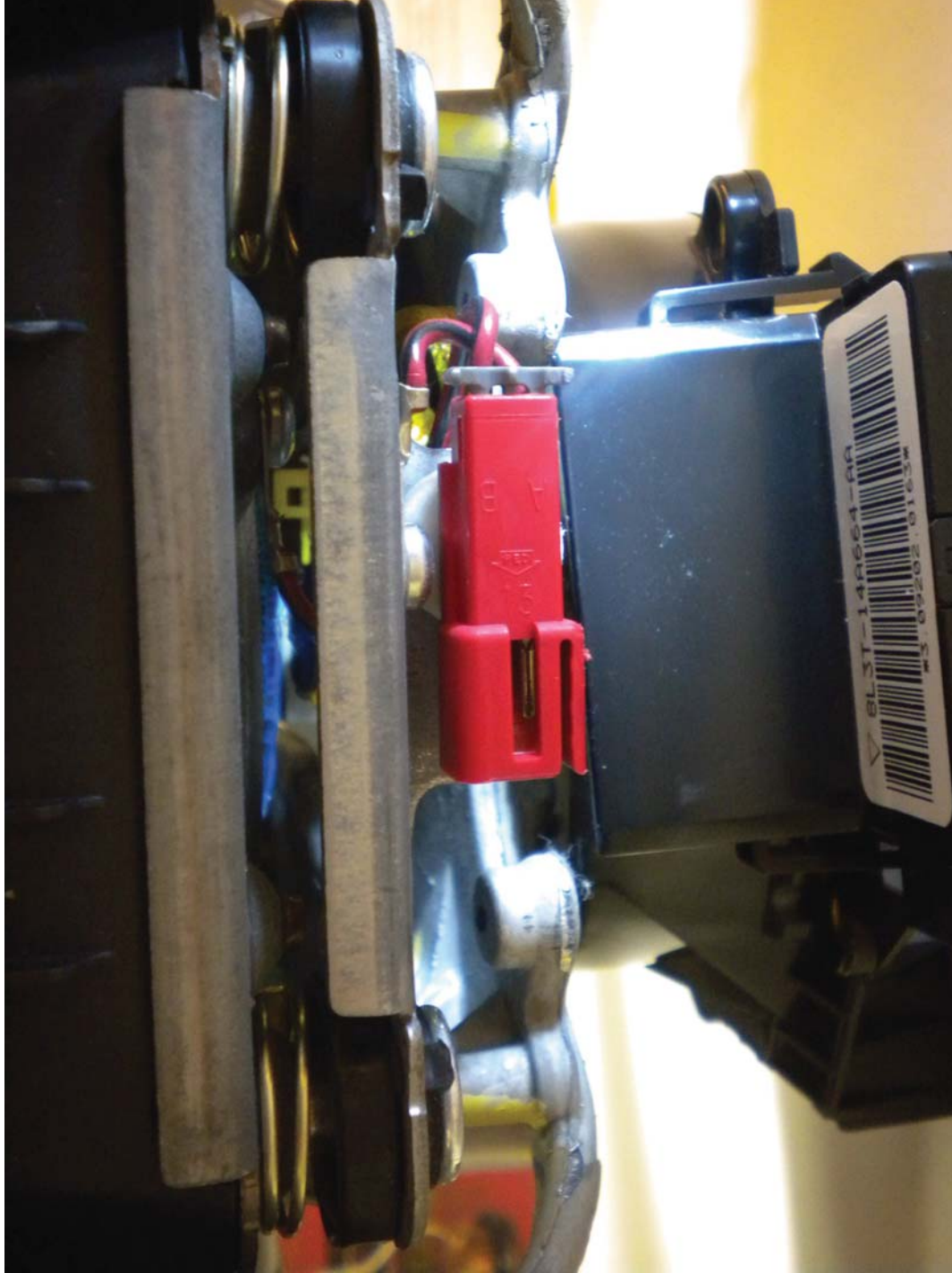


P221\_SW-DAB\_ClocP221\_SW-DAB\_ClocP221\_SW-DAB\_ClocP221\_SW-DAB\_Cloc  
kspring\_Pictur... kspring\_Pictur... kspring\_Pictur... kspring\_Pictur...

Have a great day,  
"Teamwork Leads to Success!"  
Michael J. Dean  
Ford Restraints - SW/DAB D&R Eng  
C170/B299N/C346N  
PDC 1D-E27  
Ford Cell Ph : (313) 805-7890  
Email Addr : mdean6@ford.com

pls. visit [www.thefordstory.com](http://www.thefordstory.com)

## P221 (F150) SW/DAB/Clock Spring Views



Str Whl facing UP

Bottom side view of clock spring, Str Whl, DAB



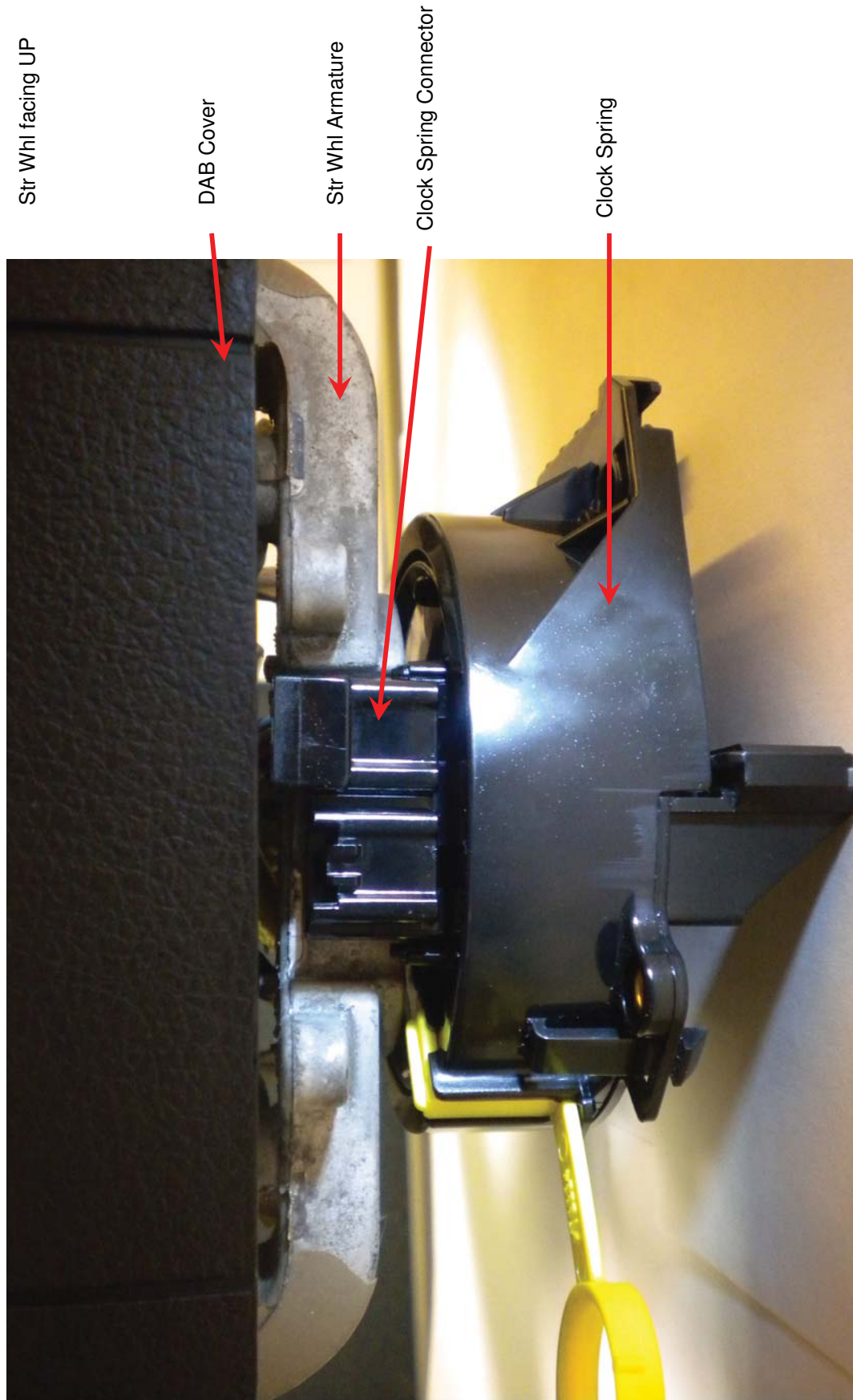
## P221 (F150) SW/DAB/Clock Spring Views



Str Whl facing UP

Left side view of clock spring, Str Whl, DAB

## P221 (F150) SW/DAB/Clock Spring Views



Top side view of clock spring, Str Whl, DAB

## P221 (F150) SW/DAB/Clock Spring Views



Angled view of P221 (F150) DAB installed into Str Whl

---

**From:** Dean, Michael (M.J.)  
**Sent:** Tuesday, May 11, 2010 4:04 PM  
**To:** Culkeen, Patrick (P.M.)  
**Subject:** P221 (F150) Pictures - group 3

**Attachments:** P221\_SW-DAB\_Clockspring\_Pictures\_p12.pdf; P221\_SW-DAB\_Clockspring\_Pictures\_p11.pdf; P221\_SW-DAB\_Clockspring\_Pictures\_p10.pdf; P221\_SW-DAB\_Clockspring\_Pictures\_p09.pdf

Hello Patrick,

Here is the 3rd group:



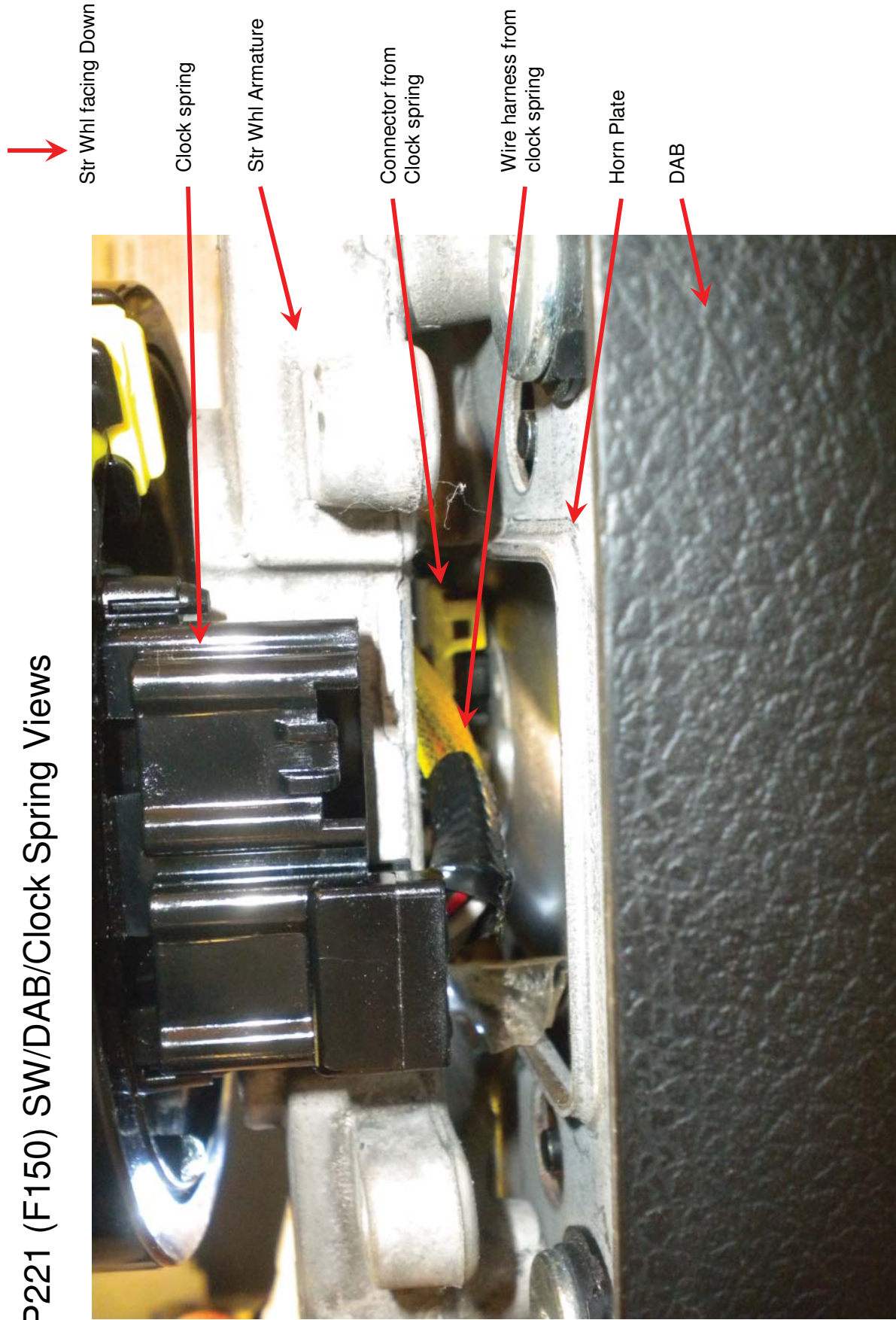
P221\_SW-DAB\_ClocP221\_SW-DAB\_ClocP221\_SW-DAB\_ClocP221\_SW-DAB\_Cloc  
kspring\_Pictur... kspring\_Pictur... kspring\_Pictur... kspring\_Pictur...

Have a great day,  
"Teamwork Leads to Success!"  
Michael J. Dean  
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C170/B299N/C346N  
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Ford Cell Ph : (313) 805-7890  
Email Addr : mdean6@ford.com

pls. visit [www.thefordstory.com](http://www.thefordstory.com)

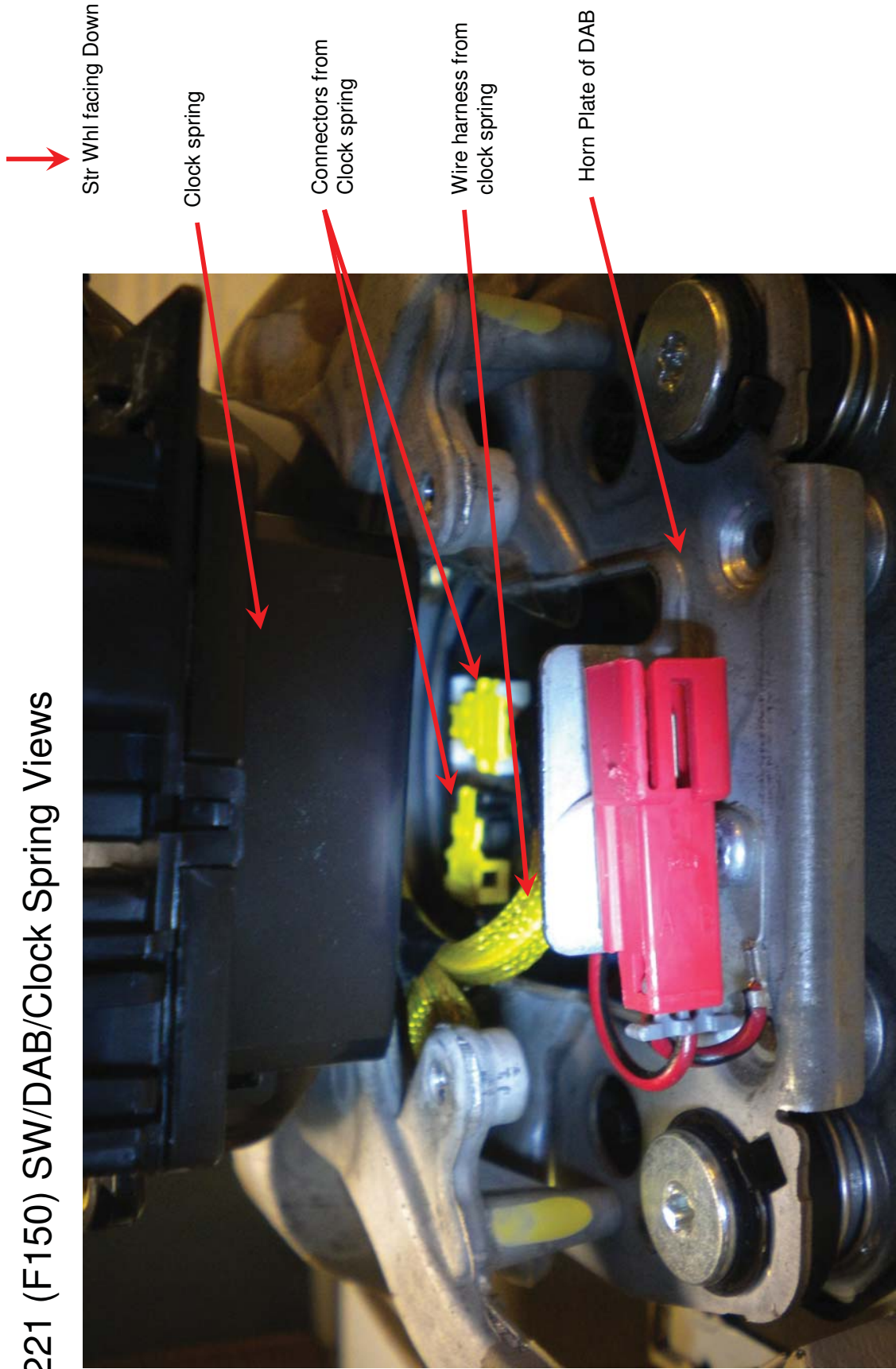


## P221 (F150) SW/DAB/Clock Spring Views



Top side view of clock spring, Str Whl, DAB (overall assembly turned over)

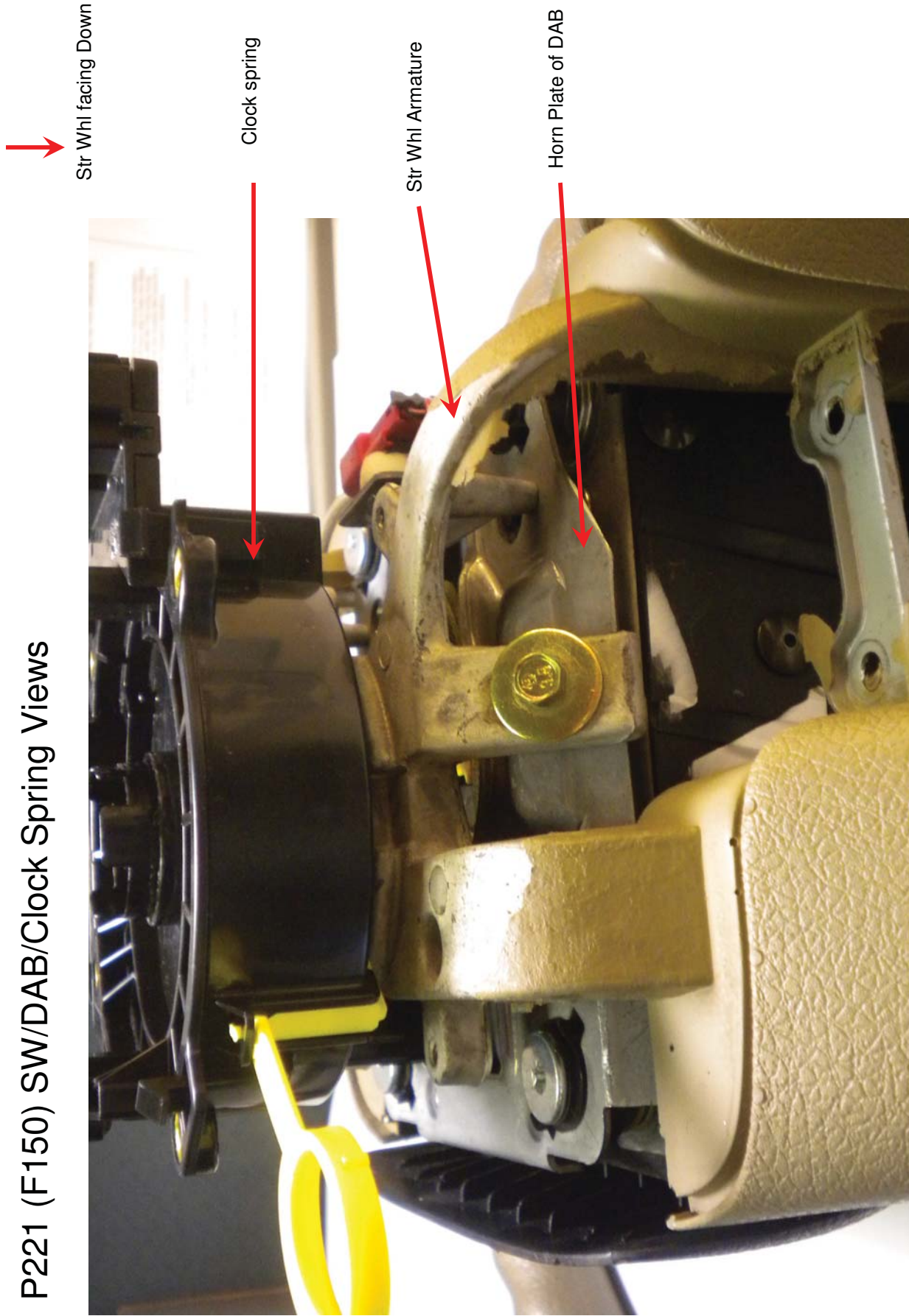
## P221 (F150) SW/DAB/Clock Spring Views



bottom side view of clock spring, Str Whl, DAB (overall assembly turned over)



## P221 (F150) SW/DAB/Clock Spring Views



Right side view of clock spring, Str Wht, DAB (overall assembly turned over)

## P221 (F150) SW/DAB/Clock Spring Views



Str Whl facing UP

Right side view of clock spring, Str Whl, DAB

---

**From:** Dean, Michael (M.J.)  
**Sent:** Tuesday, May 11, 2010 4:04 PM  
**To:** Culkeen, Patrick (P.M.)  
**Subject:** P221 (F150) Pictures - group 4

**Attachments:** P221\_SW-DAB\_Clockspring\_Pictures\_p13.pdf

Hello Patrick,

Here is the 4th group:



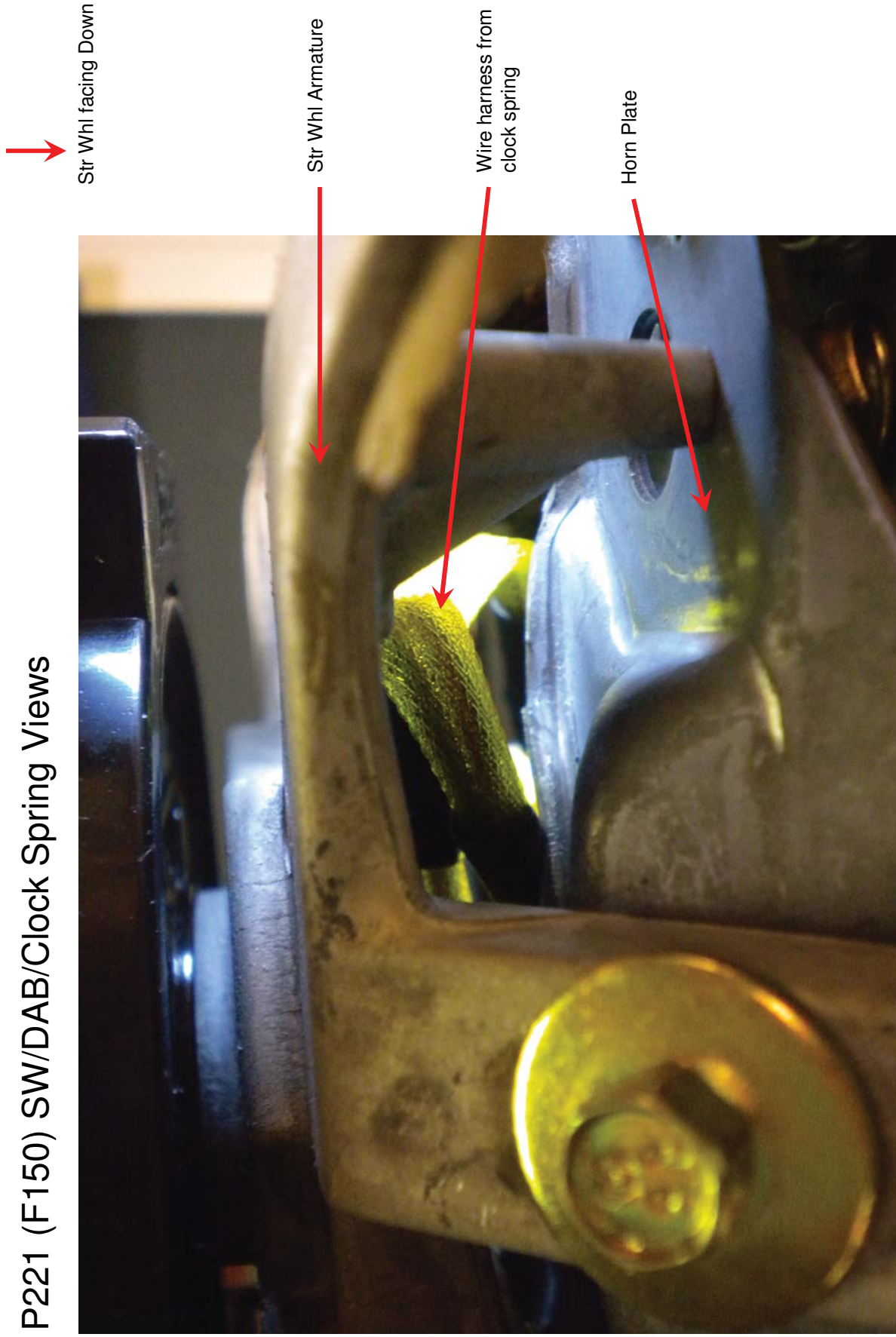
P221\_SW-DAB\_Cloc  
kspring\_Pictur...

Have a great day,  
"Teamwork Leads to Success!"  
Michael J. Dean  
Ford Restraints - SW/DAB D&R Eng  
C170/B299N/C346N  
PDC 1D-E27  
Ford Cell Ph : (313) 805-7890  
Email Addr : mdean6@ford.com

pls. visit [www.thefordstory.com](http://www.thefordstory.com)



## P221 (F150) SW/DAB/Clock Spring Views



Right side view of clock spring, Str Whl, DAB (overall assembly turned over)

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**From:** Beauregard, Danny (D.J.)  
**Sent:** Thursday, July 01, 2010 1:46 PM  
**To:** Sutherland, Roy (R.W.)  
**Subject:** P221 service jumper

**Follow Up Flag:** Follow up  
**Flag Status:** Red

**Attachments:** Picture (Enhanced Metafile)

Roy,  
Take a look it is W status (C12368048). I will raise it to A soon. Won't let me go to P.

**Danny Beauregard (DBEAURE1)**

CD3, EN/FN, P150 & P415 Switch Applications Engineer

Bldg. #5, Cube 1G028 Dearborn, MI

☎ Tel: (313) 805-6773

💻 dbeaure1@ford.com



---

**From:** Lang, Gary (G.C.)  
**Sent:** Wednesday, May 12, 2010 5:13 PM  
**To:** 'tim.crain@spx.com'  
**Cc:** Lang, Gary (G.C.)  
**Subject:** 10x11 - F150 Air Bag

**Attachments:** Air Bag.bmp

10X11 - F150 Air Bag involves replacing the jumper between the clockspring and the air bag to reduce the chance of chaffing (see item #4 in the attached picture). The tech will follow WSM procedures to R&I the drivers air bag and install a revised jumper. No inspection. This covers 2004 to 2006 F150 (new body style, not Heritage). Currently the WSM considers this jumper to be part of the clockspring but it is a separate part that is connected with a connector. This jumper is not released as a service part yet. We are still in the investigation stage and not in a hurry. We may want to find a vehicle for WSM procedure and Labor Time verification.



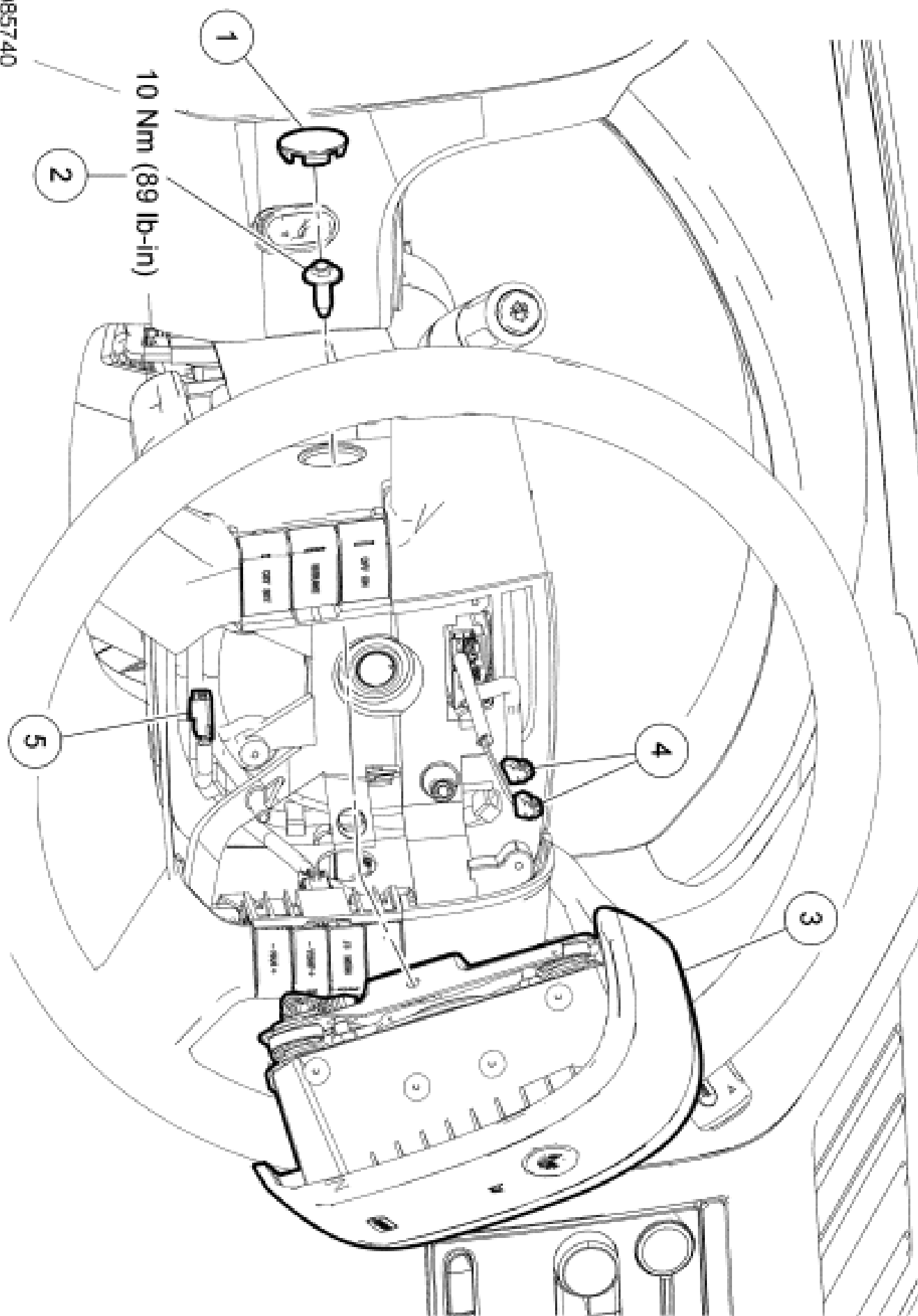
Air Bag.bmp (814 KB)

**Gary Lang**

Ford Customer Service - Recall  
Phone (313) 24-84791  
DSC II rm 795  
1800 Fairlane Dr  
Allen Park, MI 48101



A0085740



---

**From:** Joel Rosenberg [jmr@Sterlingtech.org]  
**Sent:** Friday, October 15, 2010 11:27 AM  
**To:** Kreiger, Erik (E.); Culkeen, Patrick (P.M.)  
**Cc:** Carl Godell; Brad Salter  
**Subject:** Airbag Jumper Harness Label Approval - Important  
**Attachments:** 20101014133902092.pdf

Erik and Pat,

Attached are the final proofs for the P/N label. They both meet Ford Standards. Who is the appropriate representative of Ford to approve which label you would like? The first label appears far less cluttered to us for a flag label. We will order the labels just as soon as it is signed off.

Thanks for your help.

Joel Rosenberg  
President  
Direct: 248-563-1471  
Main: 248-669-0334  
Fax: 248-669-0336  
Sterling Technologies, Inc.  
2035 Easy St.  
Commerce, Michigan 48390  
[www.Sterlingtech.Org](http://www.Sterlingtech.Org)



# American Label & Tag, Inc.

41878 Koppernick • Canton, MI 48187 or PO Box 85488 • Westland, MI 48185 • Phone (734) 454-7600 • Fax (734) 454-7606

**FoMoCo**

1

**FoMoCo**

4L3T-14B095-BA

4L3T-14B095-BA

**Final Proof**

K

Tkt# 35126981

Label  
Information

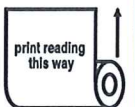
Proof Date: 10-8-10  
Size: .875" X 3.75" Corner Radius: .125  
Material: Thermal Transfer poly

This proof is to show color break only.  
Please see Pantone® colors to view actual color

**Notes:**

Lot code "1" to increment up by  
one digit each batch of 25,000  
parts.

Rewind #1



**Please Sign and return promptly to avoid production delays**

Any Question Call American Label & Tag - 1-800-641-8247

Customer  
Sign-off

A signed proof must be received before an order is processed.  
Please check the following items over very carefully: SIZE, COLORS, SPELLING AND PUNCTUATION,  
NUTRITION INFORMATION, BARCODE, UNWIND, etc. Changes, if required, must be indicated on  
the proof (please be be specific). Customer corrections/revisions are billed at regular rates.  
Customer assumes full responsibility for compliance with local, State and Federal laws.  
☐ APPROVED AS IS. Proceed to production.  
☐ APPROVED WITH CORRECTIONS. Please indicate corrections on proof. Proceed to production.  
☐ SUBMIT NEW PROOF.

☐ See Blueprint  
Attached

DATE \_\_\_\_\_ CUSTOMER SIGNATURE \_\_\_\_\_

wcrv101f02rev6  
EA10-001.9 000239



# American Label & Tag, Inc.

41878 Koppernick • Canton, MI 48187 or PO Box 85488 • Westland, MI 48185 • Phone (734) 454-7600 • Fax (734) 454-7606

FoMoCo BA  
4L3T  
14B095  
LOT1 BA  
  
FoMoCo BA  
4L3T  
14B095  
LOT1 BA  
  
FoMoCo BA  
4L3T  
14B095  
LOT1 BA

**Final Proof**

Tkt# 35126981

K

Label  
Information

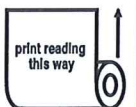
Proof Date: 10-8-10  
Size: .875" X 3.75" Corner Radius: .125  
Material: Thermal Transfer poly

This proof is to show color break only.  
Please see Pantone® colors to view actual color

### Notes:

Lot code "1" to increment up by  
one digit each batch of  
25,000 parts.

Rewind #1



Please Sign and return promptly to avoid production delays

Any Question Call American Label & Tag - 1-800-641-8247

Customer  
Sign-off

A signed proof must be received before an order is processed.  
Please check the following items over very carefully: SIZE, COLORS, SPELLING AND PUNCTUATION, NUTRITION INFORMATION, BARCODE, UNWIND, etc. Changes, if required, must be indicated on the proof (please be specific). Customer corrections/revisions are billed at regular rates. Customer assumes full responsibility for compliance with local, State and Federal laws.  
☐ APPROVED AS IS. Proceed to production.  
☐ APPROVED WITH CORRECTIONS. Please indicate corrections on proof. Proceed to production.  
☐ SUBMIT NEW PROOF.

☐ See Blueprint Attached

DATE \_\_\_\_\_ CUSTOMER SIGNATURE \_\_\_\_\_

wcrv101f02rev6  
EA10-001-9 000240

---

**From:** Joel Rosenberg [jmr@Sterlingtech.org]  
**Sent:** Saturday, October 30, 2010 12:25 PM  
**To:** Linda Berger; Chad Baker  
**Cc:** Brad Salter; Carl Godell; Kreiger, Erik (E.)  
**Subject:** FW: transportation costs.

Linda,  
I found a “missed shipment” sticker on the door today (Saturday – October 31) from UPS. It was for a shipment from FCI which should have been here Wednesday. I have advised FCI in emails several times ( see below) that shipping/receiving is closed Saturdays and only plan for Monday-Friday. Please be certain to identify any Saturday charge from UPS so we can charge it back to FCI. They are charging all freight directly to our account and neither Ford nor STI should be paying for any Saturday charge which arises from this.

Thanks  
Joel

---

**From:** Joel Rosenberg  
**Sent:** Friday, October 22, 2010 12:29 PM  
**To:** Karen.Bird@fci.com; Laura.Wakeford@fci.com  
**Cc:** 'Kreiger, Erik (E.)'; Brad Salter; Carl Godell; Chad Baker  
**Subject:** RE: transportation costs.

Karen,  
STI's UPS account number is 75W855. Please ship against our account so the product continues to flow. Again, only ship on Monday through Friday, and schedule for delivery Monday through Friday. We don't want Ford to incur extra costs for Saturday pick-up or deliveries.  
Thanks,

Joel Rosenberg  
President  
Direct: 248-563-1471  
Main: 248-669-0334  
Fax: 248-669-0336  
Sterling Technologies, Inc.  
2035 Easy St.  
Commerce, Michigan 48390  
[www.Sterlingtech.Org](http://www.Sterlingtech.Org)

---

**From:** Kreiger, Erik (E.) [mailto:ekreiger@ford.com]  
**Sent:** Friday, October 22, 2010 12:25 PM  
**To:** Karen.Bird@fci.com  
**Cc:** Joel Rosenberg; Laura.Wakeford@fci.com  
**Subject:** RE: transportation costs.

Karen.

STI will provide you shipping account numbers and we will handle it from there.

Erik M. Kreiger  
FSA Parts Specialist & Buyer  
313-390-5972

3/3/2011

Have you driven a Ford lately?

2010 Fusion-Motor Trends Car Of The Year

---

**From:** Karen.Bird@fci.com [mailto:Karen.Bird@fci.com]  
**Sent:** Friday, October 22, 2010 11:34 AM  
**To:** Kreiger, Erik (E.)  
**Cc:** jmr@Sterlingtech.org; Laura.Wakeford@fci.com  
**Subject:** RE: transportation costs.

This is the direction from upper management. I am afraid that our hands are tied.  
Karen B.

---

**From:** Kreiger, Erik (E.) [mailto:ekreiger@ford.com]  
**Sent:** Friday, October 22, 2010 11:12 AM  
**To:** Bird, Karen  
**Cc:** jmr@Sterlingtech.org; Wakeford, Laura  
**Subject:** RE: transportation costs.

Karen.

I am offsite. Why can not you submit invoices to us and we pay you via payables?

**Erik M. Kreiger**  
FSA Parts Specialist & Buyer  
313-390-5972

Have you driven a Ford lately?

2010 Fusion-Motor Trends Car Of The Year

---

**From:** Karen.Bird@fci.com [mailto:Karen.Bird@fci.com]  
**Sent:** Friday, October 22, 2010 10:54 AM  
**To:** Kreiger, Erik (E.)  
**Cc:** jmr@Sterlingtech.org; Laura.Wakeford@fci.com  
**Subject:** transportation costs.  
**Importance:** High

Hello Erik

I just left you a voice message regarding the transportation costs from Honduras to Walled Lake, MI. Even though Ford as agreed to reimburse us for the freight, our company's Comptroller will not allow it. We have already shipped product on our dime via Fed Ex. Now we need to ship again today and tomorrow and we need to use either Ford's account number or Sterling's account number to do so.

Also we will need a UPS number in order to ship out on Saturday as Fed Ex does not pick up on Sat.

We will need this information quickly so the plant can prepare the correct paper work.

3/3/2011



Regards,

Karen Bird

Senior Inside Sales Coordinator

FCI MVL Division - USA

248-592-2724 phone

248-592-2701 fax

---

**\*\*\*\*\* Confidentiality Statement/Disclaimer \*\*\*\*\*** This message and any attachments is intended for the sole use of the intended recipient. It may contain confidential information. Any unauthorized use, dissemination or modification is strictly prohibited. If you are not the intended recipient, please notify the sender immediately then delete it from all your systems, and do not copy, use or print. Internet communications are not secure and it is the responsibility of the recipient to make sure that it is virus exempt. The company/sender cannot be responsible for any unauthorized alterations or modifications made to the contents. If you require any form of confirmation of the contents, please contact the company/sender. The company/sender is not liable for any errors or omissions in the content of this message

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---

**From:** Joel Rosenberg [jmr@Sterlingtech.org]  
**Sent:** Monday, November 01, 2010 8:38 AM  
**To:** Joel Rosenberg; Karen.Bird@fci.com; Laura.Wakeford@fci.com  
**Cc:** Brad Salter; Carl Godell; Kreiger, Erik (E.)  
**Subject:** RE: transportation costs - premium costs to be credited

Karen,  
Just for clarification, we will certainly reimburse the cost for overnight freight on the last shipment. It is the Saturday shipment/delivery premium cost we want to be certain to avoid. Please be certain you have procedures in place to assure the policies are followed.  
Thanks for your support.

Joel Rosenberg  
President  
Direct: 248-563-1471  
Main: 248-669-0334  
Fax: 248-669-0336  
Sterling Technologies, Inc.  
2035 Easy St.  
Commerce, Michigan 48390  
www.Sterlingtech.Org

---

**From:** Joel Rosenberg  
**Sent:** Saturday, October 30, 2010 12:58 PM  
**To:** 'Karen.Bird@fci.com'; Laura.Wakeford@fci.com  
**Cc:** Brad Salter; Carl Godell; 'Kreiger, Erik (E.)'  
**Subject:** FW: transportation costs - premium costs to be credited

Karen,  
I just came in on Saturday afternoon and see a note from UPS that we missed a delivery attempt of 12 boxes from Honduras. I have advised several times in writing that Sterling's Shipping /Receiving Department is closed on Saturdays and only to schedule deliveries Monday through Friday. I have attached 2 of the emails below. Since you are charging direct to our account, I will credit the Saturday delivery against our payables to FCI. I called UPS and they confirmed the delivery was specified "Saturday delivery". While I am grateful to receive product, there is no one in the factory Saturdays. Please make certain the directions of **Monday through Friday deliveries only** are passed on to your shipping department in Honduras. I want to be certain that while we are proceeding with overnight deliveries that this does not occur again.

Also, I did receive an email yesterday afternoon from your Quality Manager stating that they will begin packaging the product per our agreed upon specification. I will contact her Monday with a recommended plan for verifying product already here.

Lastly, I still have no production schedule from you. If I do not receive product by Friday I am in a shutdown mode already. Why is it so difficult to receive a Planned Shipment Schedule? Please advise me as soon as possible.  
Thank you,

Joel Rosenberg  
President  
Direct: 248-563-1471  
Main: 248-669-0334  
Fax: 248-669-0336  
Sterling Technologies, Inc.

3/2/2011



transportation costs.

2035 Easy St.  
Commerce, Michigan 48390  
[www.Sterlingtech.Org](http://www.Sterlingtech.Org)

---

**From:** Joel Rosenberg  
**Sent:** Saturday, October 30, 2010 12:25 PM  
**To:** Linda Berger; Chad Baker  
**Cc:** Brad Salter; Carl Godell; 'Kreiger, Erik (E.)'  
**Subject:** FW: transportation costs.

Linda,  
I found a "missed shipment" sticker on the door today (Saturday – October 31) from UPS. It was for a shipment from FCI which should have been here Wednesday. I have advised FCI in emails several times ( see below) that shipping/receiving is closed Saturdays and only plan for Monday-Friday. Please be certain to identify any Saturday charge from UPS so we can charge it back to FCI. They are charging all freight directly to our account and neither Ford nor STI should be paying for any Saturday charge which arises from this.

Thanks  
Joel

**From:** Joel Rosenberg  
**Sent:** Friday, October 22, 2010 11:15 AM  
**To:** 'Karen.Bird@fci.com'; [ekreiger@ford.com](mailto:ekreiger@ford.com)  
**Cc:** [Laura.Wakeford@fci.com](mailto:Laura.Wakeford@fci.com); 'Kreiger, Erik (E.)'; Carl Godell; Brad Salter  
**Subject:** RE: transportation costs.

Karen,  
Saturday pick-up and/or delivery is not necessary. Please ship on Monday through Friday only for delivery Monday through Friday only. Sterling's Shipping department is not open on Saturdays.  
Thank you,

Joel Rosenberg  
President  
Direct: 248-563-1471  
Main: 248-669-0334  
Fax: 248-669-0336  
Sterling Technologies, Inc.  
2035 Easy St.  
Commerce, Michigan 48390  
[www.Sterlingtech.Org](http://www.Sterlingtech.Org)

---

**From:** Joel Rosenberg  
**Sent:** Friday, October 22, 2010 12:29 PM  
**To:** [Karen.Bird@fci.com](mailto:Karen.Bird@fci.com); [Laura.Wakeford@fci.com](mailto:Laura.Wakeford@fci.com)  
**Cc:** 'Kreiger, Erik (E.)'; Brad Salter; Carl Godell; Chad Baker  
**Subject:** RE: transportation costs.

Karen,  
STI's UPS account number is 75W855. Please ship against our account so the product continues to flow. Again, only ship on Monday through Friday, and schedule for delivery Monday through Friday. We don't want Ford to incur extra costs for Saturday pick-up or deliveries.  
Thanks,

Joel Rosenberg  
President  
Direct: 248-563-1471  
Main: 248-669-0334

3/2/2011

transportation costs.

Fax: 248-669-0336  
Sterling Technologies, Inc.  
2035 Easy St.  
Commerce, Michigan 48390  
[www.Sterlingtech.Org](http://www.Sterlingtech.Org)

---

**From:** Kreiger, Erik (E.) [mailto:[ekreiger@ford.com](mailto:ekreiger@ford.com)]  
**Sent:** Friday, October 22, 2010 12:25 PM  
**To:** [Karen.Bird@fci.com](mailto:Karen.Bird@fci.com)  
**Cc:** Joel Rosenberg; [Laura.Wakeford@fci.com](mailto:Laura.Wakeford@fci.com)  
**Subject:** RE: transportation costs.

[Karen.](#)

[STI will provide you shipping account numbers and we will handle it from there.](#)

[Erik M. Kreiger](#)  
FSA Parts Specialist & Buyer  
313-390-5972

Have you driven a Ford lately?

2010 Fusion-Motor Trends Car Of The Year

---

**From:** [Karen.Bird@fci.com](mailto:Karen.Bird@fci.com) [mailto:[Karen.Bird@fci.com](mailto:Karen.Bird@fci.com)]  
**Sent:** Friday, October 22, 2010 11:34 AM  
**To:** Kreiger, Erik (E.)  
**Cc:** [jmr@Sterlingtech.org](mailto:jmr@Sterlingtech.org); [Laura.Wakeford@fci.com](mailto:Laura.Wakeford@fci.com)  
**Subject:** RE: transportation costs.

This is the direction from upper management. I am afraid that our hands are tied.  
Karen B.

---

**From:** Kreiger, Erik (E.) [mailto:[ekreiger@ford.com](mailto:ekreiger@ford.com)]  
**Sent:** Friday, October 22, 2010 11:12 AM  
**To:** Bird, Karen  
**Cc:** [jmr@Sterlingtech.org](mailto:jmr@Sterlingtech.org); Wakeford, Laura  
**Subject:** RE: transportation costs.

[Karen.](#)

[I am offsite. Why can not you submit invoices to us and we pay you via payables?](#)

[Erik M. Kreiger](#)  
FSA Parts Specialist & Buyer  
313-390-5972

Have you driven a Ford lately?

2010 Fusion-Motor Trends Car Of The Year

---

**From:** Karen.Bird@fci.com [mailto:Karen.Bird@fci.com]  
**Sent:** Friday, October 22, 2010 10:54 AM  
**To:** Kreiger, Erik (E.)  
**Cc:** jmr@Sterlingtech.org; Laura.Wakeford@fci.com  
**Subject:** transportation costs.  
**Importance:** High

Hello Erik

I just left you a voice message regarding the transportation costs from Honduras to Walled Lake, MI. Even though Ford as agreed to reimburse us for the freight, our company's Comptroller will not allow it. We have already shipped product on our dime via Fed Ex. Now we need to ship again today and tomorrow and we need to use either Ford's account number or Sterling's account number to do so.

Also we will need a UPS number in order to ship out on Saturday as Fed Ex does not pick up on Sat.

We will need this information quickly so the plant can prepare the correct paper work.

Regards,

Karen Bird

Senior Inside Sales Coordinator

FCI MVL Division - USA

248-592-2724 phone

248-592-2701 fax

---

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**From:** Beauchamp, Tina [TBeauchamp@lear.com]  
**Sent:** Tuesday, April 27, 2010 10:09 AM  
**To:** Kreiger, Erik (E.); Culkeen, Patrick (P.M.); Sutherland, Roy (R.W.)  
**Subject:** RE: CLOCKSPRING JUMPER  
**Follow Up Flag:** Follow up  
**Flag Status:** Red

Hi Erik,

I was out of the office yesterday so let me follow-up with my plant. I know they were waiting on a quote back from FCI and I'm not sure if they were the only supplier that was the hold up. I'll let you know.

**Tina**

Sr. Account Manager  
 248-447-1964 phone  
 248-447-1920 fax

---

**From:** Kreiger, Erik (E.) [mailto:ekreiger@ford.com]  
**Sent:** Monday, April 26, 2010 2:35 PM  
**To:** Beauchamp, Tina; Culkeen, Patrick (P.M.); Sutherland, Roy (R.W.)  
**Subject:** RE: CLOCKSPRING JUMPER

**Tina.**

**Has there been any progress to this quote review? Thank you**

*Erik M. Kreiger*

FSA Parts Specialist  
 313-390-5972

Have you driven a Ford lately?  
 2010 Fusion-Motor Trends Car Of The Year

\*\*\*\*\*  
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---

**From:** Joel Rosenberg [jmr@Sterlingtech.org]  
**Sent:** Tuesday, November 09, 2010 12:16 PM  
**To:** Laura.Wakeford@fci.com; Kreiger, Erik (E.); Fatima.Lopez@fci.com; Gabriela.Reyes@fci.com  
**Cc:** Brad Salter; Carl Godell  
**Subject:** RE: transportation costs - premium costs to be credited

Laura,  
Thanks. We'll watch the bills as they come in to make certain they don't charge for it. Can you please send me copies of your shipping documents so I can show UPS is was not requested to be early AM. I will watch for the response on Quality.  
Thanks

Joel Rosenberg  
President  
Direct: 248-563-1471  
Main: 248-669-0334  
Fax: 248-669-0336  
Sterling Technologies, Inc.  
2035 Easy St.  
Commerce, Michigan 48390  
[www.Sterlingtech.Org](http://www.Sterlingtech.Org)

---

**From:** Laura.Wakeford@fci.com [mailto:Laura.Wakeford@fci.com]  
**Sent:** Tuesday, November 09, 2010 11:49 AM  
**To:** Joel Rosenberg; ekreiger@ford.com; Fatima.Lopez@fci.com; Gabriela.Reyes@fci.com  
**Cc:** Brad Salter; Carl Godell  
**Subject:** RE: transportation costs - premium costs to be credited

Joel,

I have checked with the plant, they have not requested an early AM delivery, they are using the only next day air service available out of Honduras.  
They are going to check with UPS to see if it could be delivered later in the day, but they are not requesting special service currently.

Regarding the 8D, the quality engineer assigned to this 8D is Gabriela Reyes. Please include her in future emails.

I have asked for a response to be sent today for this 8D.

Kind regards,  
Laura

**Laura D. Wakeford**  
CELL: 734-634-3967  
[laura.wakeford@fci.com](mailto:laura.wakeford@fci.com)

---

**From:** Joel Rosenberg [mailto:jmr@Sterlingtech.org]  
**Sent:** Tuesday, November 09, 2010 10:28 AM  
**To:** Kreiger, Erik (E.); Wakeford, Laura; Lopez, Fatima  
**Cc:** Brad Salter; Kreiger, Erik (E.); Carl Godell  
**Subject:** FW: transportation costs - premium costs to be credited

Karen, Laura and Fatima,

3/2/2011

Friday and yesterday we received shipments "Early AM delivery. We DO NOT want early AM delivery. . Nov 2<sup>nd</sup> it was clearly stated below NOT to use early AM. Ford will only reimburse overnight charges. Any unnecessary additional costs incurred to our shipping account will be credited against our payables. Nov 2<sup>nd</sup> it was clearly stated below NOT to use early AM. All relevant emails are attached below.

Please make certain your procedures are in place to assure this is corrected.

Also I have not yet received a response to the 8D you were sent. Please provide a response today including a material disposition.

Thank you,

Joel Rosenberg  
President  
Direct: 248-563-1471  
Main: 248-669-0334  
Fax: 248-669-0336  
Sterling Technologies, Inc.  
2035 Easy St.  
Commerce, Michigan 48390  
[www.Sterlingtech.Org](http://www.Sterlingtech.Org)

**From:** Joel Rosenberg  
**Sent:** Tuesday, November 02, 2010 11:49 AM  
**To:** 'Laura.Wakeford@fci.com'  
**Cc:** Brad Salter; 'Karen.Bird@fci.com'; Carl Godell  
**Subject:** RE: Sterling shipments and schedule AM-100077 F599800A and F99800A

Laura,  
Also, if there are options for overnight or early AM, all we want is overnight/next day.  
Thanks

Joel Rosenberg  
President  
Direct: 248-563-1471  
Main: 248-669-0334  
Fax: 248-669-0336  
Sterling Technologies, Inc.  
2035 Easy St.  
Commerce, Michigan 48390  
[www.Sterlingtech.Org](http://www.Sterlingtech.Org)

Joel Rosenberg  
President  
Direct: 248-563-1471  
Main: 248-669-0334  
Fax: 248-669-0336  
Sterling Technologies, Inc.  
2035 Easy St.  
Commerce, Michigan 48390  
[www.Sterlingtech.Org](http://www.Sterlingtech.Org)

---

**From:** Joel Rosenberg  
**Sent:** Saturday, October 30, 2010 12:58 PM  
**To:** 'Karen.Bird@fci.com'; Laura.Wakeford@fci.com

transportation costs.

**Cc:** Brad Salter; Carl Godell; 'Kreiger, Erik (E.)'

**Subject:** FW: transportation costs - premium costs to be credited

Karen,

I just came in on Saturday afternoon and see a note from UPS that we missed a delivery attempt of 12 boxes from Honduras. I have advised several times in writing that Sterling's Shipping /Receiving Department is closed on Saturdays and only to schedule deliveries Monday through Friday. I have attached 2 of the emails below. Since you are charging direct to our account, I will credit the Saturday delivery against our payables to FCI. I called UPS and they confirmed the delivery was specified "Saturday delivery". While I am grateful to receive product, there is no one in the factory Saturdays. Please make certain the directions of **Monday through Friday deliveries only** are passed on to your shipping department in Honduras. I want to be certain that while we are proceeding with overnight deliveries that this does not occur again.

Also, I did receive an email yesterday afternoon from your Quality Manager stating that they will begin packaging the product per our agreed upon specification. I will contact her Monday with a recommended plan for verifying product already here.

Lastly, I still have no production schedule from you. If I do not receive product by Friday I am in a shutdown mode already. Why is it so difficult to receive a Planned Shipment Schedule? Please advise me as soon as possible.

Thank you,

Joel Rosenberg

President

Direct: 248-563-1471

Main: 248-669-0334

Fax: 248-669-0336

Sterling Technologies, Inc.

2035 Easy St.

Commerce, Michigan 48390

[www.Sterlingtech.Org](http://www.Sterlingtech.Org)

---

**From:** Joel Rosenberg

**Sent:** Saturday, October 30, 2010 12:25 PM

**To:** Linda Berger; Chad Baker

**Cc:** Brad Salter; Carl Godell; 'Kreiger, Erik (E.)'

**Subject:** FW: transportation costs.

Linda,

I found a "missed shipment" sticker on the door today (Saturday – October 31) from UPS. It was for a shipment from FCI which should have been here Wednesday. I have advised FCI in emails several times ( see below) that shipping/receiving is closed Saturdays and only plan for Monday-Friday. Please be certain to identify any Saturday charge from UPS so we can charge it back to FCI. They are charging all freight directly to our account and neither Ford nor STI should be paying for any Saturday charge which arises from this.

Thanks

Joel

**From:** Joel Rosenberg

**Sent:** Friday, October 22, 2010 11:15 AM

**To:** 'Karen.Bird@fci.com'; [ekreiger@ford.com](mailto:ekreiger@ford.com)

**Cc:** [Laura.Wakeford@fci.com](mailto:Laura.Wakeford@fci.com); 'Kreiger, Erik (E.)'; Carl Godell; Brad Salter

**Subject:** RE: transportation costs.

Karen,

Saturday pick-up and/or delivery is not necessary. Please ship on Monday through Friday only for delivery Monday through Friday only. Sterling's Shipping department is not open on Saturdays.

Thank you,

Joel Rosenberg

President

3/2/2011

transportation costs.

Direct: 248-563-1471  
Main: 248-669-0334  
Fax: 248-669-0336  
Sterling Technologies, Inc.  
2035 Easy St.  
Commerce, Michigan 48390  
[www.Sterlingtech.Org](http://www.Sterlingtech.Org)

---

**From:** Joel Rosenberg  
**Sent:** Friday, October 22, 2010 12:29 PM  
**To:** Karen.Bird@fci.com; Laura.Wakeford@fci.com  
**Cc:** 'Kreiger, Erik (E.)'; Brad Salter; Carl Godell; Chad Baker  
**Subject:** RE: transportation costs.

Karen,  
STI's UPS account number is 75W855. Please ship against our account so the product continues to flow. Again, only ship on Monday through Friday, and schedule for delivery Monday through Friday. We don't want Ford to incur extra costs for Saturday pick-up or deliveries.  
Thanks,

Joel Rosenberg  
President  
Direct: 248-563-1471  
Main: 248-669-0334  
Fax: 248-669-0336  
Sterling Technologies, Inc.  
2035 Easy St.  
Commerce, Michigan 48390  
[www.Sterlingtech.Org](http://www.Sterlingtech.Org)

---

**From:** Kreiger, Erik (E.) [<mailto:ekreiger@ford.com>]  
**Sent:** Friday, October 22, 2010 12:25 PM  
**To:** Karen.Bird@fci.com  
**Cc:** Joel Rosenberg; Laura.Wakeford@fci.com  
**Subject:** RE: transportation costs.

[Karen.](#)

[STI will provide you shipping account numbers and we will handle it from there.](#)

[Erik M. Kreiger](#)  
FSA Parts Specialist & Buyer  
313-390-5972

Have you driven a Ford lately?  
2010 Fusion-Motor Trends Car Of The Year

---

**From:** Karen.Bird@fci.com [<mailto:Karen.Bird@fci.com>]  
**Sent:** Friday, October 22, 2010 11:34 AM  
**To:** Kreiger, Erik (E.)

3/2/2011

EA10-001.9 000252



transportation costs.

**Cc:** jmr@Sterlingtech.org; Laura.Wakeford@fci.com

**Subject:** RE: transportation costs.

This is the direction from upper management. I am afraid that our hands are tied.  
Karen B.

---

**From:** Kreiger, Erik (E.) [mailto:ekreiger@ford.com]

**Sent:** Friday, October 22, 2010 11:12 AM

**To:** Bird, Karen

**Cc:** jmr@Sterlingtech.org; Wakeford, Laura

**Subject:** RE: transportation costs.

Karen.

I am offsite. Why can not you submit invoices to us and we pay you via payables?

Erik M. Kreiger

FSA Parts Specialist & Buyer

313-390-5972

Have you driven a Ford lately?

2010 Fusion-Motor Trends Car Of The Year

---

**From:** Karen.Bird@fci.com [mailto:Karen.Bird@fci.com]

**Sent:** Friday, October 22, 2010 10:54 AM

**To:** Kreiger, Erik (E.)

**Cc:** jmr@Sterlingtech.org; Laura.Wakeford@fci.com

**Subject:** transportation costs.

**Importance:** High

Hello Erik

I just left you a voice message regarding the transportation costs from Honduras to Walled Lake, MI. Even though Ford as agreed to reimburse us for the freight, our company's Comptroller will not allow it. We have already shipped product on our dime via Fed Ex. Now we need to ship again today and tomorrow and we need to use either Ford's account number or Sterling's account number to do so.

Also we will need a UPS number in order to ship out on Saturday as Fed Ex does not pick up on Sat.

We will need this information quickly so the plant can prepare the correct paper work.

Regards,

Karen Bird

Senior Inside Sales Coordinator

FCI MVL Division - USA

248-592-2724 phone

3/2/2011

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---

**From:** Joel Rosenberg [jmr@Sterlingtech.org]  
**Sent:** Friday, October 22, 2010 12:22 PM  
**To:** Kreiger, Erik (E.)  
**Cc:** Brad Salter; Carl Godell  
**Subject:** RE: transportation costs.

Erik,

Sure. We can help however you like. It would have been lower cost to have it direct from them, but we can provide them an account number. We get invoiced weekly on International freight or UPS. Can we provide invoices to HLM every couple weeks so we don't have to wait until the program is over to get paid? I can FCI the account number right now if it helps.  
Let me know.

Joel Rosenberg  
President  
Direct: 248-563-1471  
Main: 248-669-0334  
Fax: 248-669-0336  
Sterling Technologies, Inc.  
2035 Easy St.  
Commerce, Michigan 48390  
[www.Sterlingtech.Org](http://www.Sterlingtech.Org)

---

**From:** Kreiger, Erik (E.) [mailto:ekreiger@ford.com]  
**Sent:** Friday, October 22, 2010 12:02 PM  
**To:** Joel Rosenberg  
**Subject:** transportation costs.

Joel.

Does Sterling have a shipping account? Ford can reimburse via HLM on a B-Order.

**Erik M. Kreiger**  
FSA Parts Specialist & Buyer  
313-390-5972

Have you driven a Ford lately?

2010 Fusion-Motor Trends Car Of The Year

---

**From:** Karen.Bird@fci.com [mailto:Karen.Bird@fci.com]  
**Sent:** Friday, October 22, 2010 11:34 AM  
**To:** Kreiger, Erik (E.)  
**Cc:** jmr@Sterlingtech.org; Laura.Wakeford@fci.com  
**Subject:** RE: transportation costs.

This is the direction from upper management. I am afraid that our hands are tied.  
Karen B.

transportation costs.

**From:** Kreiger, Erik (E.) [mailto:ekreiger@ford.com]  
**Sent:** Friday, October 22, 2010 11:12 AM  
**To:** Bird, Karen  
**Cc:** jmr@Sterlingtech.org; Wakeford, Laura  
**Subject:** RE: transportation costs.

Karen.

I am offsite. Why can not you submit invoices to us and we pay you via payables?

**Erik M. Kreiger**  
FSA Parts Specialist & Buyer  
313-390-5972

Have you driven a Ford lately?

2010 Fusion-Motor Trends Car Of The Year

---

**From:** Karen.Bird@fci.com [mailto:Karen.Bird@fci.com]  
**Sent:** Friday, October 22, 2010 10:54 AM  
**To:** Kreiger, Erik (E.)  
**Cc:** jmr@Sterlingtech.org; Laura.Wakeford@fci.com  
**Subject:** transportation costs.  
**Importance:** High

Hello Erik

I just left you a voice message regarding the transportation costs from Honduras to Walled Lake, MI. Even though Ford as agreed to reimburse us for the freight, our company's Comptroller will not allow it. We have already shipped product on our dime via Fed Ex. Now we need to ship again today and tomorrow and we need to use either Ford's account number or Sterling's account number to do so.

Also we will need a UPS number in order to ship out on Saturday as Fed Ex does not pick up on Sat.

We will need this information quickly so the plant can prepare the correct paper work.

Regards,

Karen Bird

Senior Inside Sales Coordinator

FCI MVL Division - USA

248-592-2724 phone

248-592-2701 fax

---

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3/3/2011

EA10-001.9 000256

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---

**From:** Andrew Smydra [Andrew.Smydra@TRW.COM]  
**Sent:** Thursday, April 22, 2010 10:39 AM  
**To:** Culkeen, Patrick (P.M.)  
**Cc:** Dean, Michael (M.J.)  
**Subject:** Part Numbers - Single Stage

**Attachments:** Part Number\_ Vehicle List Rev 2\_22Apr2010.xls



Part Number\_  
Vehicle List Rev ...

Please see attached.

Subject Vehicles, DS=Dual Stage Inflator, SS=Single Stage Inflator							
Make	Model	Program	Model Years				
Ford	F-150	P221	2004	2005	2006	2007	
			4L34 15043B13 BFW	5L34 15043B13 CDW	6L34 - 15043B13 CCW	7L34 15043B13 CBW	
Part No.			DS,30355411	DS,30363977		DS,30373779	
Ford	F-150	PN96	2004	2005	2006		
			4L34-15034B13 CDW	5L34 15034B13 ACW	6L34 15034B13 CCW		
Part No.					SS,30374847		
Lincoln	Mark LT	P221	2004	2005	2006		
			NA	5L34 15043B13 BEW	6L34 15043B13 BBW		
Part No.				DS,30367187	DS,30374493		
Ford	Explorer	U152 / U251	2002/U152	2003/U152	2004/U152	2005/U251	2006/U251
			2L2A 78043B13 ACW	3L24 78043B13 AAW	4L24/5L24 78043B13 AAW	6L24-78043B13 AKW	7L24-78043B13 AAW
Part No.			DS,30339920	DS,30357058	DS,30365508	DS,30362490	DS,30362490
Ford	Sport Trac	P207	2002	2003	2004	2005	2006
			1L5A 10043B13 CBW	1L5A 10043B13 CBW	1L5A 10043B13 CBW	Not TRW	Not TRW
Part No.			SS,30336795	SS,30336795	SS,30336795		
Mercury	Mountaineer		2002/U152	2003/U152	2004	2005/U251	2006/U251
			2L2A 78043B13 BCW	3L24 78043B13 BAW	4L24/5L24 78043B13 BAW	6L94-78043B13 AKW	7L94-78043B13 AAW
Part No.			DS,30339933	DS,30357279	DS,30365509	DS,30366135	DS,30366135
Lincoln	Aviator	U231	2002	2003	2004	2005	
			NA	3C54 78043B13 ABW / BBW	4C54 78043B13 AAW / BAW	5C34 78043B13 AAW / BAW	

Part No.

DS,30356580/  
30356581

DS,30364227/  
30364230

DS,30364227/  
30364230

Peer Vehicles					
Make	Model	Program	Model Years		
Ford	F-150	P221	2007		
			7L34 15043B13 CBW		
Lincoln	Mark LT	P221	2007		
			7L34 15043B13 DBW		
Ford	E-150		2004	2005	2006
Ford	E-250		2004	2005	2006
Ford	E-350		2004	2005	2006
Ford	Escape		2004	2005	2006
Ford	Escape HEV		2004	2005	2006
Ford	Excursion		2004	2005	2006
Ford	Expedition	U222	2004	2005	2006
			4L14 78043B13 AAW	5L14 78043B13 AAW	6L14 78043B13 ABW
Part No.			30371105	30364928	30374422
Ford	F-250	PHN131	2004	2005	2006
			4C34 25043B13 ACW	5C34 25043B13 BBW	6C34 25043B13 ADW
Part No.			30357504	30379979	30374663
	F-350				
Part No.					
Ford	Freestar		2004	2005	2006
Ford	Freestyle		2004	2005	2006
Ford	Ranger		2004	2005	2006
Lincoln	Navigator	U228 2003	2004	2005	2006
		2L7A 78043B13 BAW / CAW	4L7A 78043B13 AAW / BAW	5L7A 78043B13 AEW / BEW	6L7A 78043B13 AEW / BEW
Part No.		30350320/ 30350321	30364229/ 30364228	30370027/ 30370028	30373826/ 30373827
Mercury	Mariner		2004	2005	2006
Mercury	Mariner HEV		2004	2005	2006
Mercury	Montego		2004	2005	2006
Mercury	Monterey		2004	2005	2006



---

**From:** Culkeen, Patrick (P.M.)  
**Sent:** Tuesday, February 08, 2011 8:26 AM  
**To:** Prescott, Amanda (A.B.)  
**Subject:** Plot

**Attachments:** Plot by Plt Scan Hour.doc



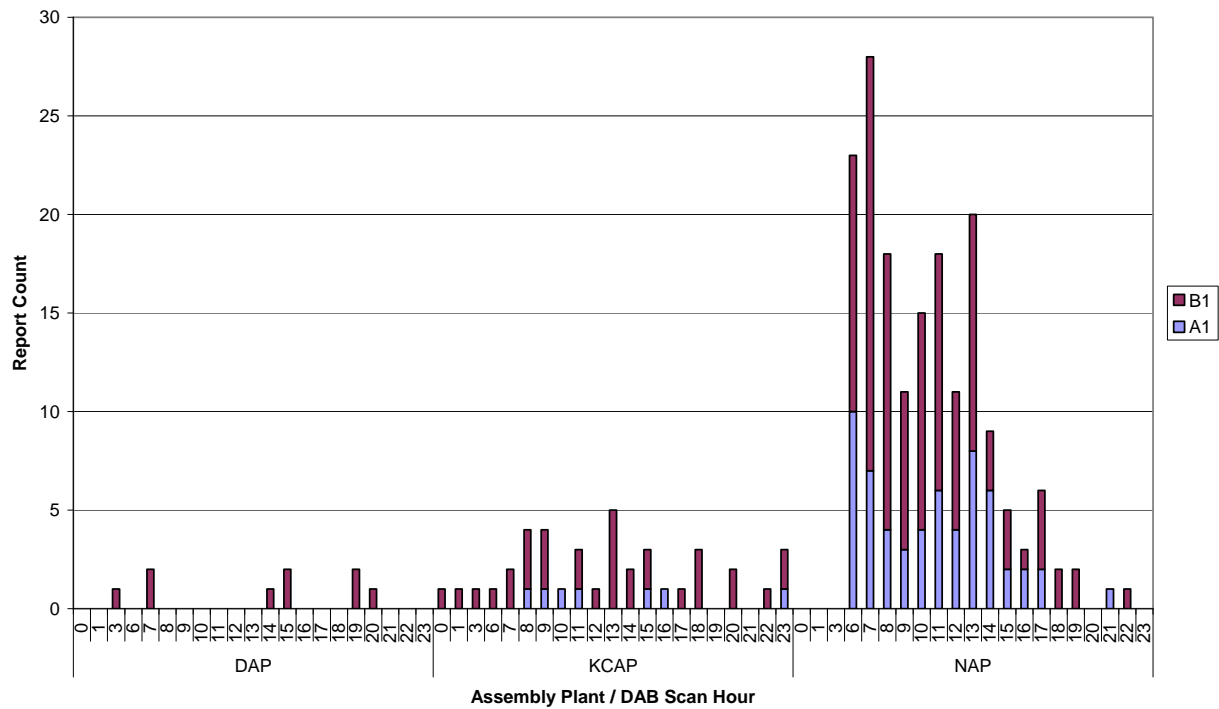
Plot by Plt Scan  
Hour.doc

*Patrick M. Culkeen*

**Ford Motor Company**

Automotive Safety Office  
External Safety Investigations  
Fairlane Plaza South, Suite 500  
330 Town Center Drive  
Dearborn, MI 48126-2738 USA  
W: (313) 594-4792  
F: (313) 594-2268

**EA10-001: 2004-2006 MY F-150/Mark LT Inadvertent Driver Air Bag Deployment  
Report Count by Assembly Plant and Production Month**



---

**From:** Culkeen, Patrick (P.M.)  
**Sent:** Friday, February 04, 2011 11:14 AM  
**To:** Prescott, Amanda (A.B.)  
**Subject:** Plots

**Attachments:** Plots for Paper.doc

Here ya' go



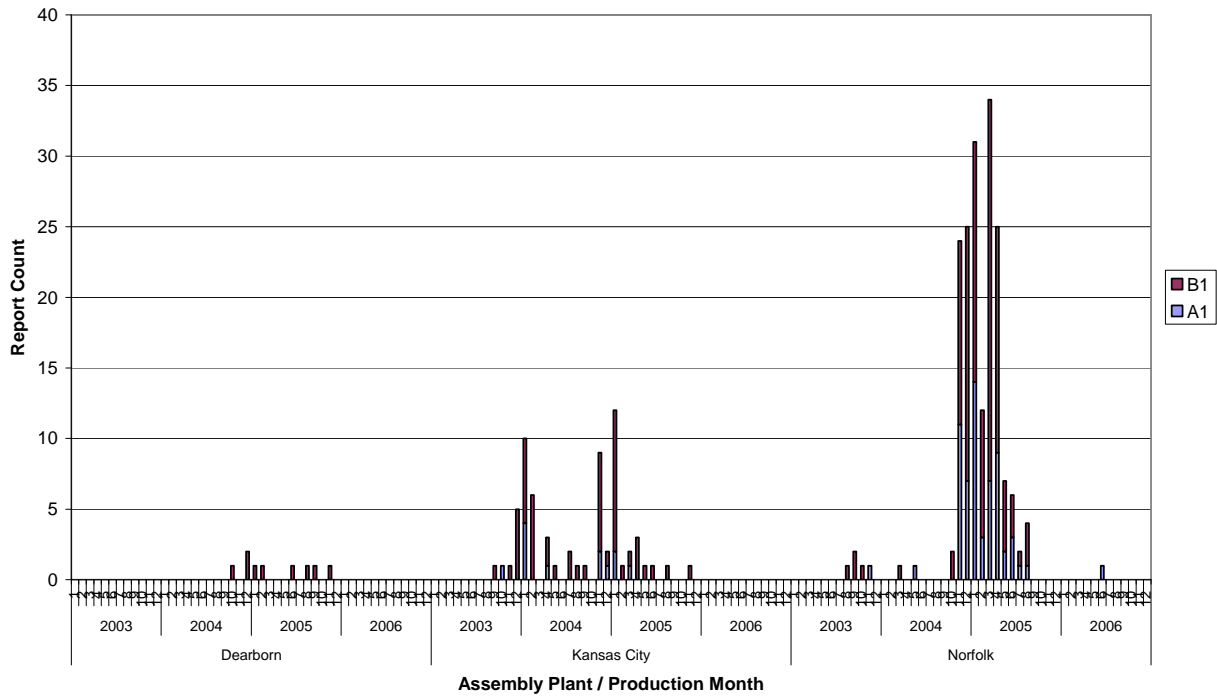
Plots for Paper.doc

*Patrick M. Culkeen*

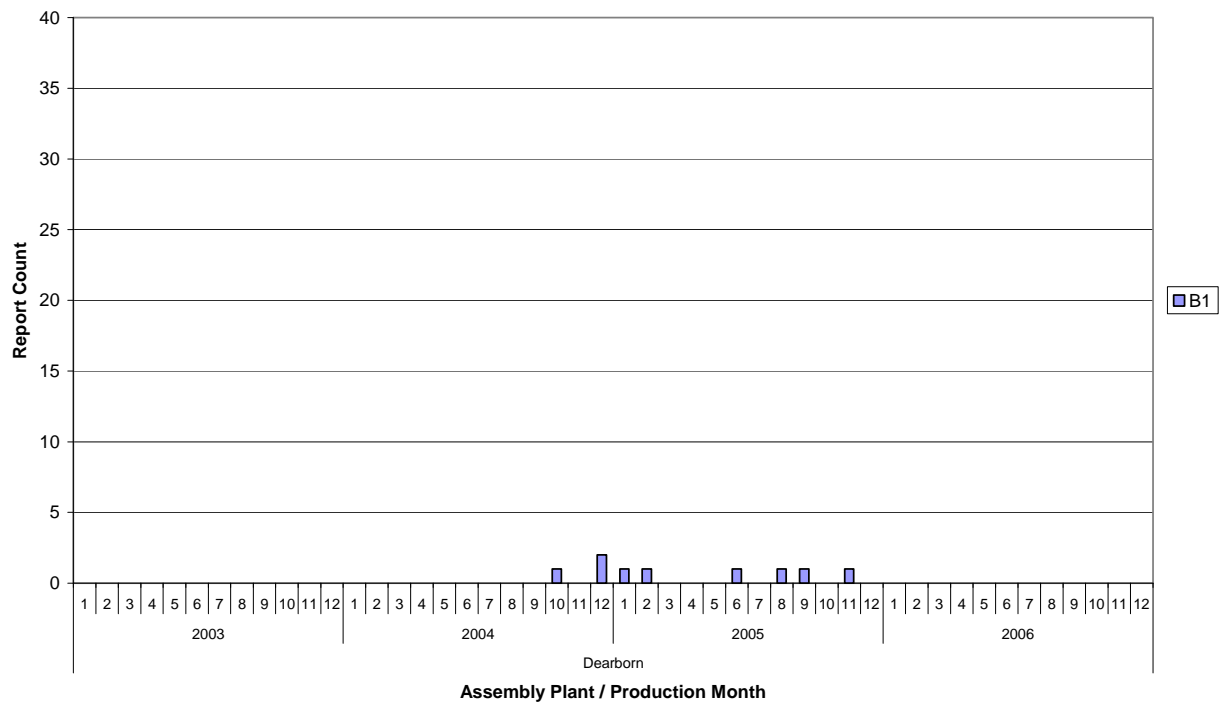
**Ford Motor Company**

Automotive Safety Office  
External Safety Investigations  
Fairlane Plaza South, Suite 500  
330 Town Center Drive  
Dearborn, MI 48126-2738 USA  
W: (313) 594-4792  
F: (313) 594-2268

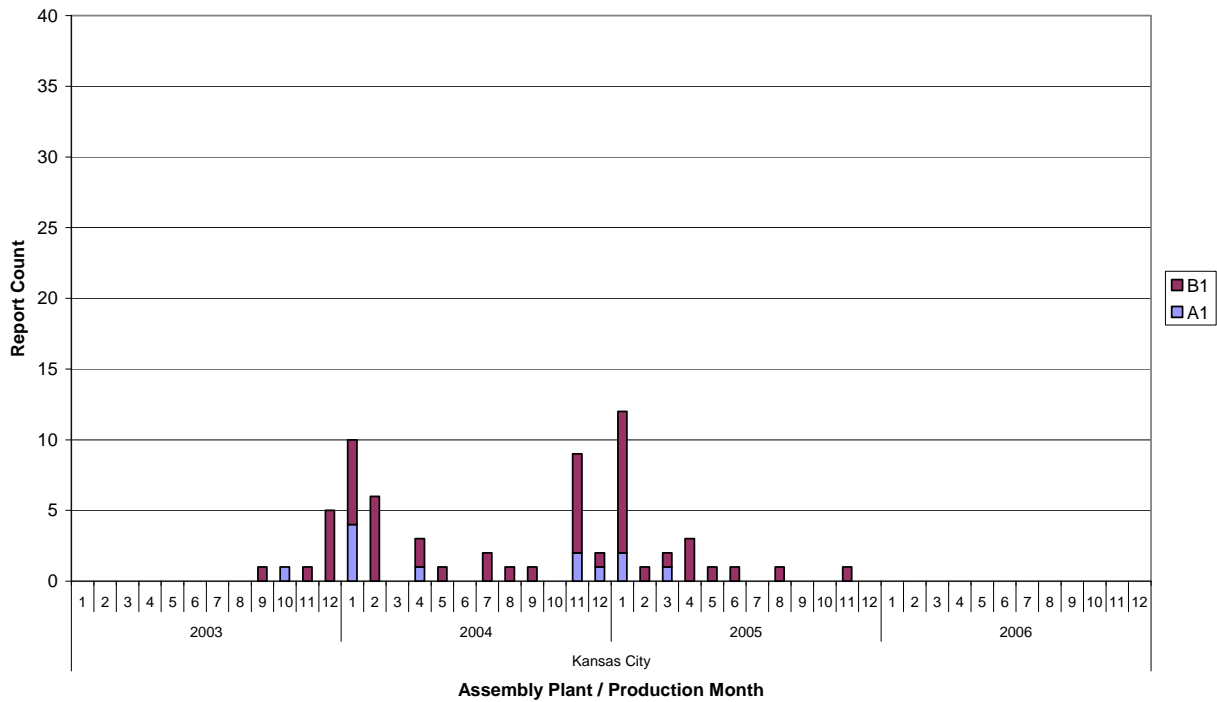
**EA10-001: 2004-2006 MY F-150/Mark LT Inadvertent Driver Air Bag Deployment  
Report Count by Assembly Plant and Production Month**



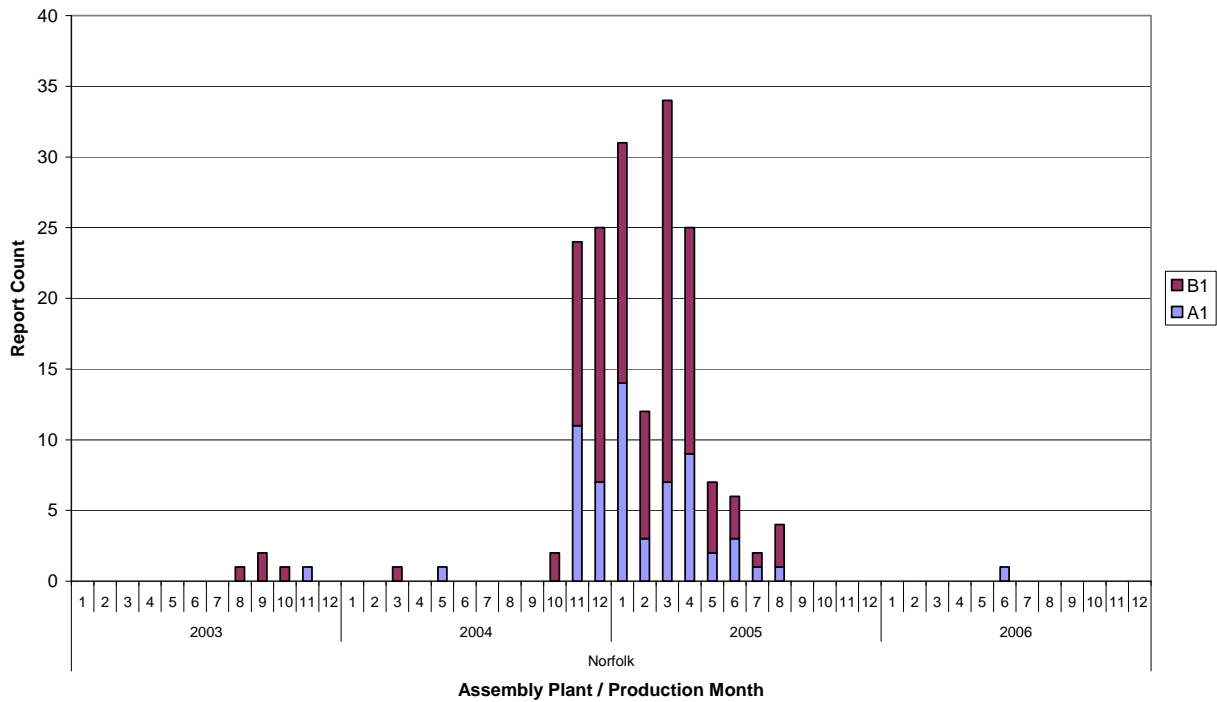
**EA10-001: 2004-2006 MY F-150/Mark LT Inadvertent Driver Air Bag Deployment  
Report Count by Assembly Plant and Production Month**



**EA10-001: 2004-2006 MY F-150/Mark LT Inadvertent Driver Air Bag Deployment  
Report Count by Assembly Plant and Production Month**



**EA10-001: 2004-2006 MY F-150/Mark LT Inadvertent Driver Air Bag Deployment  
Report Count by Assembly Plant and Production Month**



---

**From:** Kreiger, Erik (E.)  
**Sent:** Tuesday, October 05, 2010 3:50 PM  
**To:** Sutherland, Roy (R.W.); Sahinbas, Kenan (M.); Dan, Thomas (G.)  
**Subject:** PPAP

**Follow Up Flag:** Follow up  
**Flag Status:** Red

Roy.

You will want to contact Tom Dan's group in regards to PPAP requirements on 4L3T-14B095-BA(Sterling Tech). They will be PPAP'ng in a matter of weeks.

Thank you.

**Erik M. Kreiger**  
FSA Parts Specialist & Buyer  
313-390-5972  
Have you driven a Ford lately?  
2010 Fusion-Motor Trends Car Of The Year



---

**From:** Patrick Culkeen [pculkeen@twmi.rr.com]  
**Sent:** Wednesday, February 02, 2011 11:00 AM  
**To:** Prescott, Amanda (A.B.)  
**Subject:** Preliminary Analysis for January Update  
**Attachments:** January\_Analysis\_Office\_2003.xls

Amanda,

As you have most likely heard, I called Tuneff to see what he was up to and found out you were in the office. I have generated some plots with the latest data, just counts since I didn't have the space to download the entire NAVIS run to slice and dice for rates. You had a chance to see the counts by Plant – no surprise there. Please review and let me know if there are any other plots that you need.

I should be in tomorrow, by hook or by crook. I just love the suburban life – free from the hustle & bustle of the city and all of its snow plows.

Pat

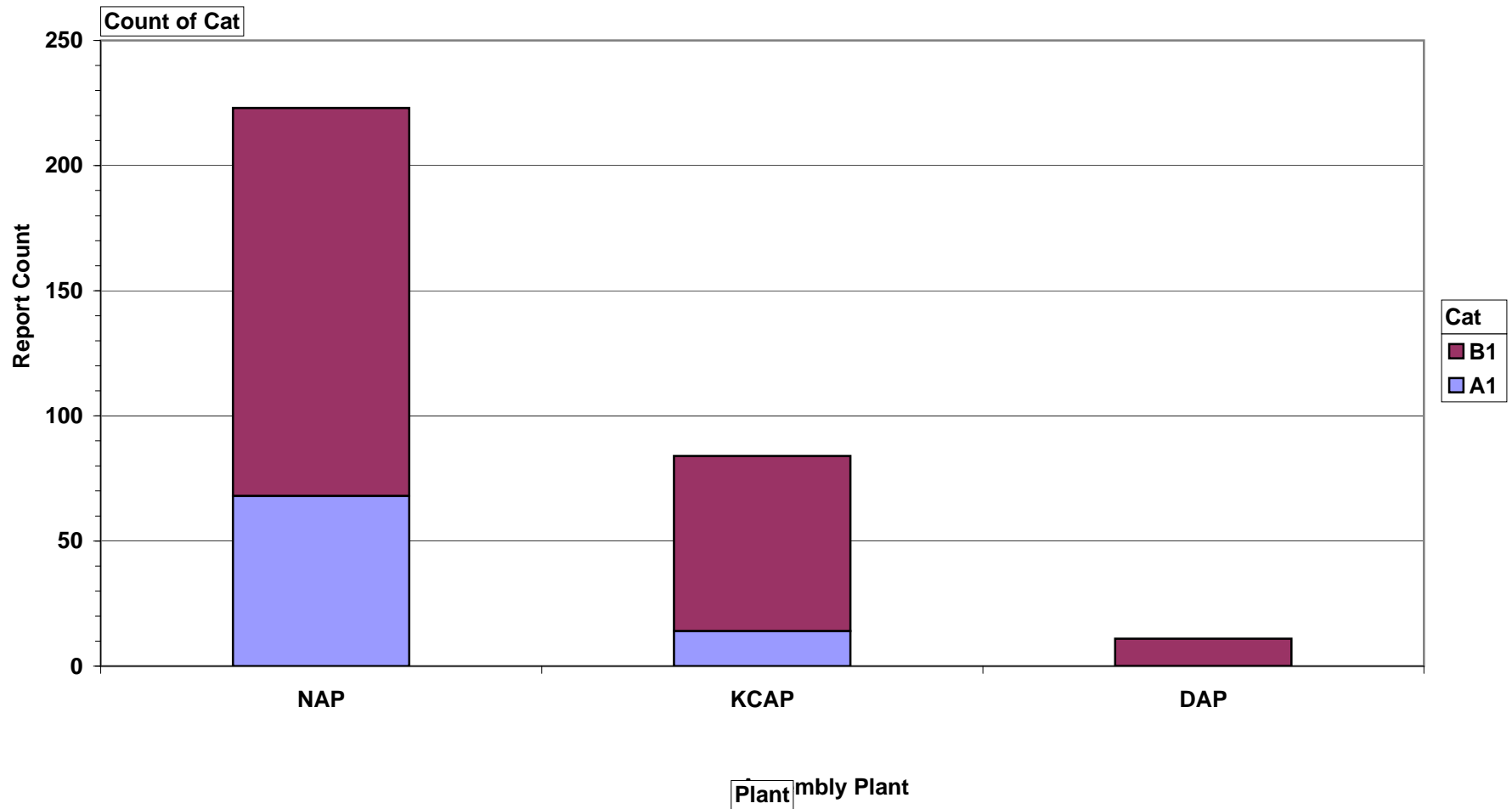
\_\_\_\_\_ Information from ESET NOD32 Antivirus, version of virus signature database 5840  
(20110202) \_\_\_\_\_

The message was checked by ESET NOD32 Antivirus.

<http://www.eset.com>

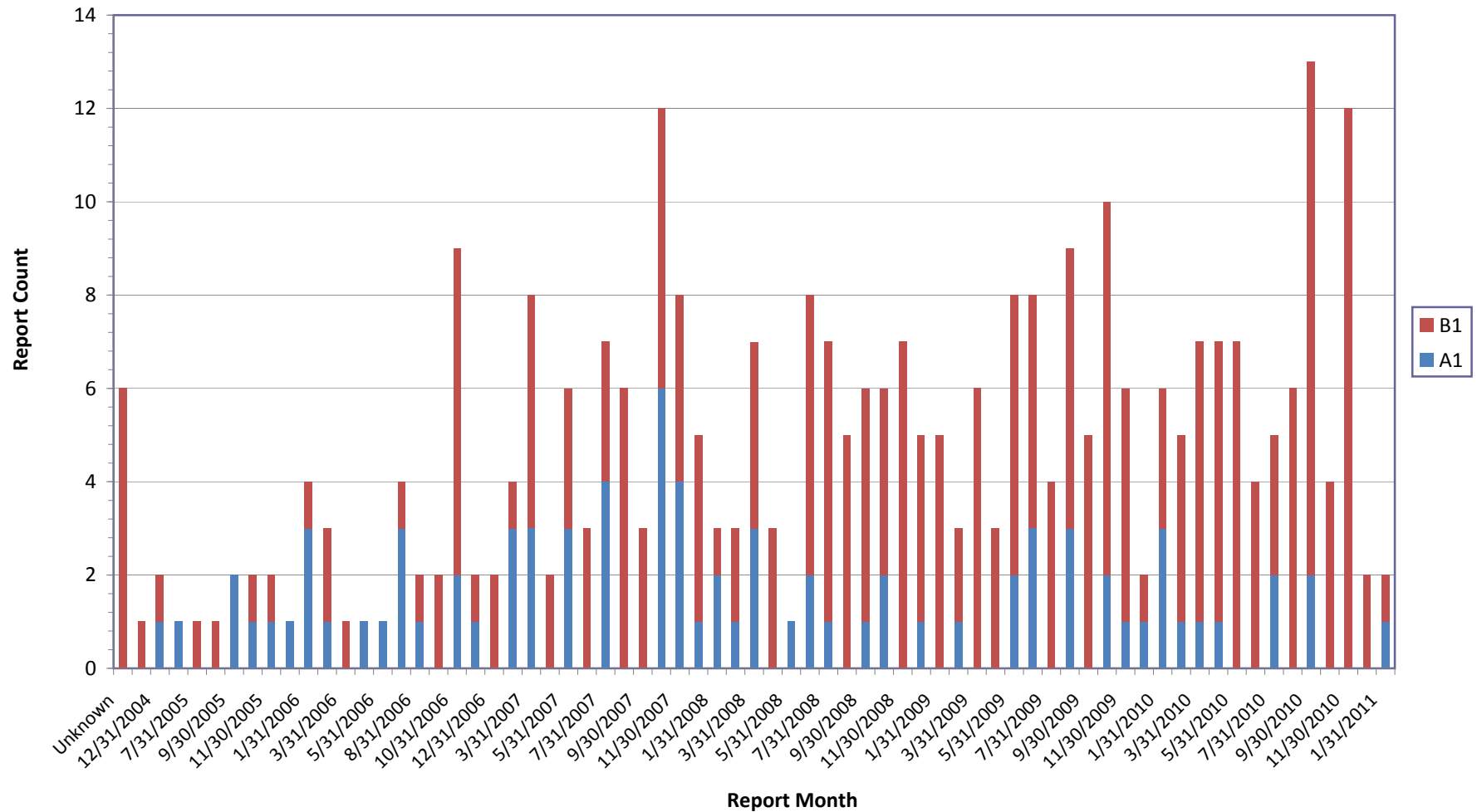
Count of Cat	Cat							
Source	A1	A2	B1	B2	B3	F1	F2	Grand Total
AWS	7	88	10	160	378	3	1	647
CQIS	30	16	60	77	72	2		257
MORS III	35		111	82	2	1		231
NHTSA VOQ			11					11
OGC	10		50			1		61
Grand Total	82	104	242	319	452	7	1	1207

## EA10-001: F-150 Inadvertent Driver Air Bag Deployment Report Counts By Assembly Plant



Count of Cat	Cat		
Plant	A1	B1	Grand Total
NAP	68	155	223
KCAP	14	70	84
DAP		11	11
Grand Total	82	236	318

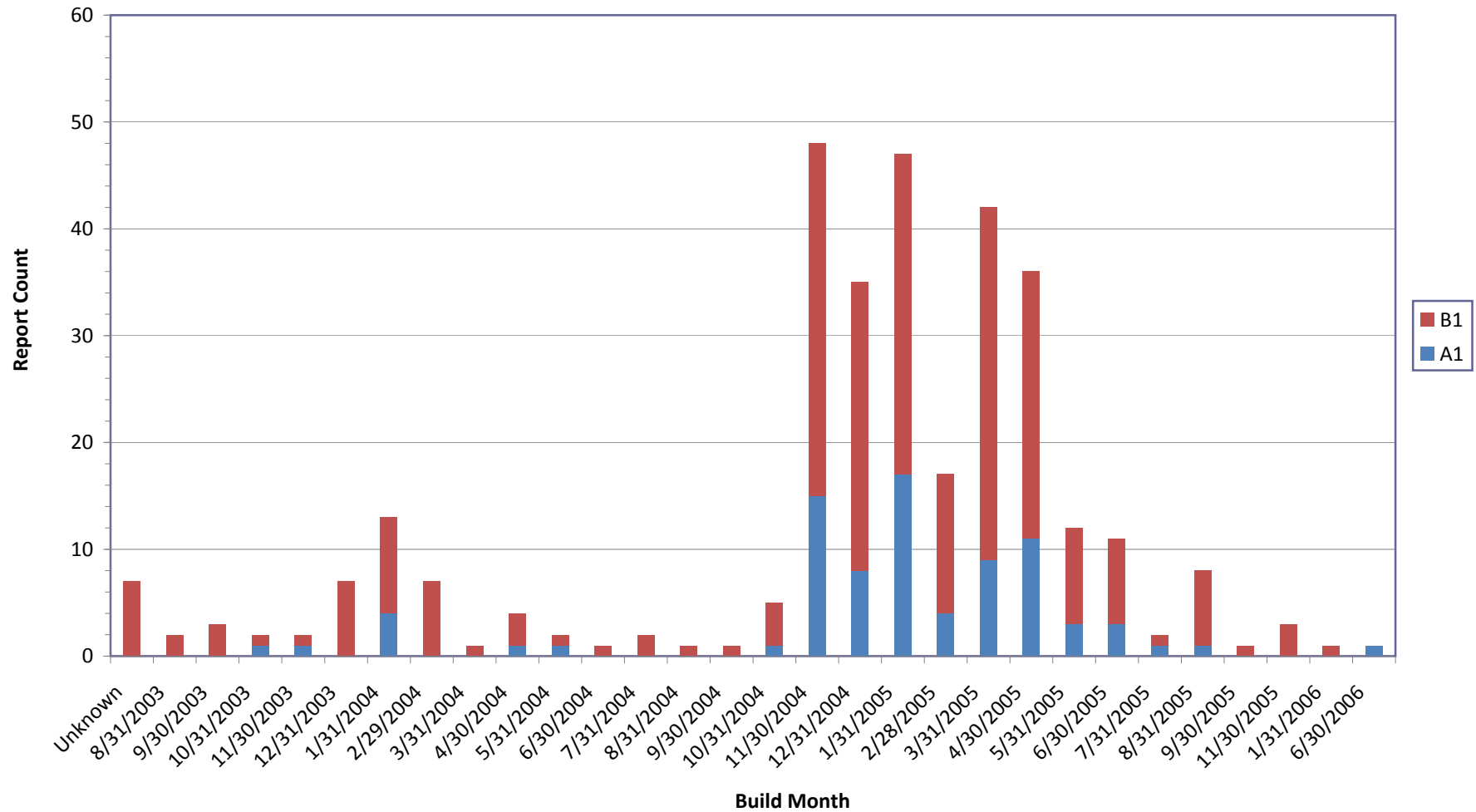
## EA10-001: F-150 Inadvertent Driver Air Bag Deployment Report Counts By Report Month



Count of Cat	Cat		
Rpt Mo	A1	B1	Grand Total
Unknown		6	6
Jun-04		1	1
Dec-04	1	1	2
May-05	1		1
Jul-05		1	1
Aug-05		1	1
Sep-05	2		2
Oct-05	1	1	2
Nov-05	1	1	2
Dec-05	1		1
Jan-06	3	1	4
Feb-06	1	2	3
Mar-06		1	1
Apr-06	1		1
May-06	1		1
Jul-06	3	1	4
Aug-06	1	1	2
Sep-06		2	2
Oct-06	2	7	9
Nov-06	1	1	2
Dec-06		2	2
Feb-07	3	1	4
Mar-07	3	5	8
Apr-07		2	2
May-07	3	3	6
Jun-07		3	3
Jul-07	4	3	7
Aug-07		6	6
Sep-07		3	3
Oct-07	6	6	12
Nov-07	4	4	8
Dec-07	1	4	5
Jan-08	2	1	3
Feb-08	1	2	3
Mar-08	3	4	7
Apr-08		3	3
May-08	1		1
Jun-08	2	6	8
Jul-08	1	6	7
Aug-08		5	5
Sep-08	1	5	6
Oct-08	2	4	6
Nov-08		7	7
Dec-08	1	4	5
Jan-09		5	5
Feb-09	1	2	3
Mar-09		6	6
Apr-09		3	3
May-09	2	6	8
Jun-09	3	5	8
Jul-09		4	4

Aug-09	3	6	9
Sep-09		5	5
Oct-09	2	8	10
Nov-09	1	5	6
Dec-09	1	1	2
Jan-10	3	3	6
Feb-10	1	4	5
Mar-10	1	6	7
Apr-10	1	6	7
May-10		7	7
Jun-10		4	4
Jul-10	2	3	5
Aug-10		6	6
Sep-10	2	11	13
Oct-10		4	4
Nov-10		12	12
Dec-10		2	2
Jan-11	1	1	2
Grand Total	82	242	324

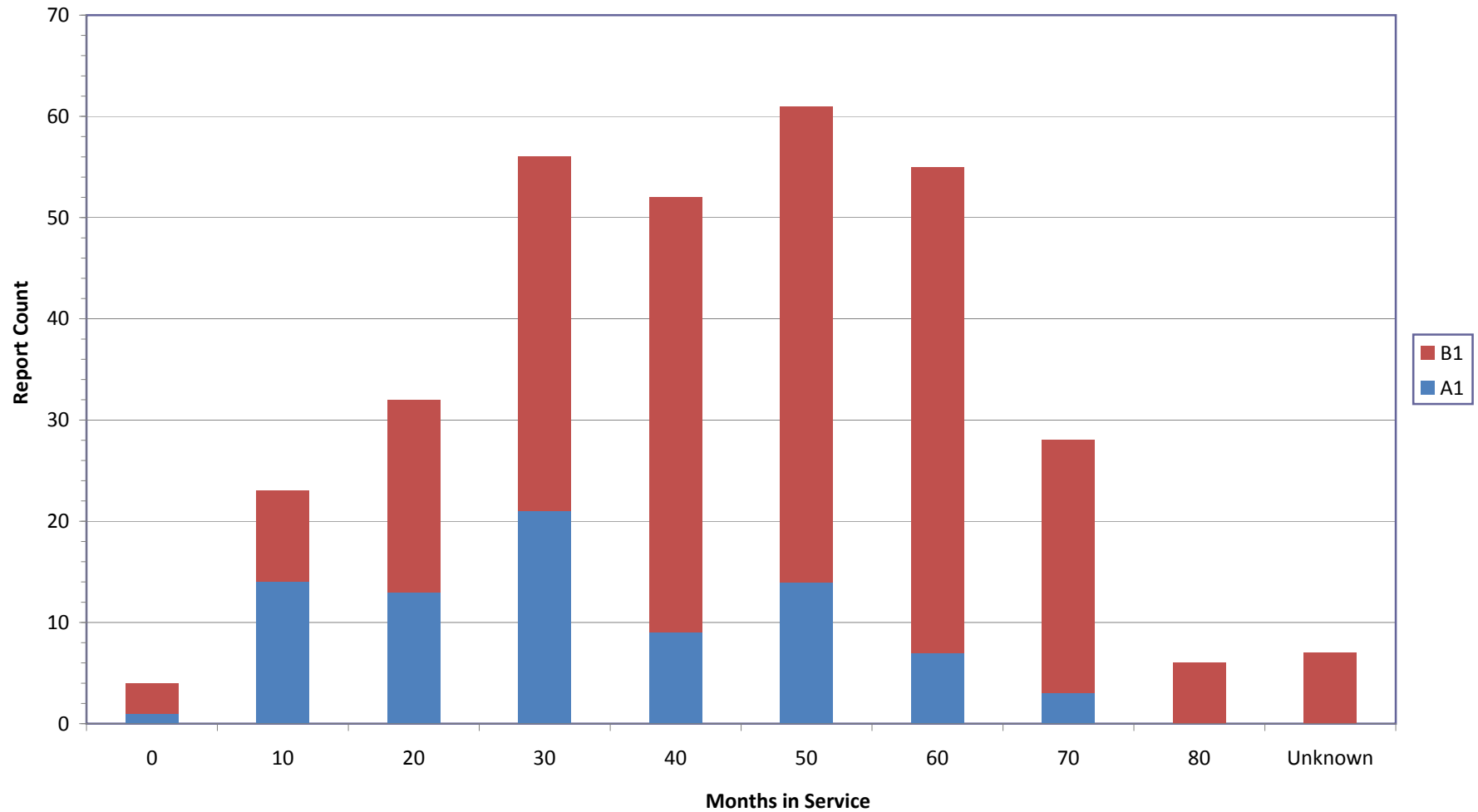
## EA10-001: F-150 Inadvertent Driver Air Bag Deployment Report Counts By Build Month





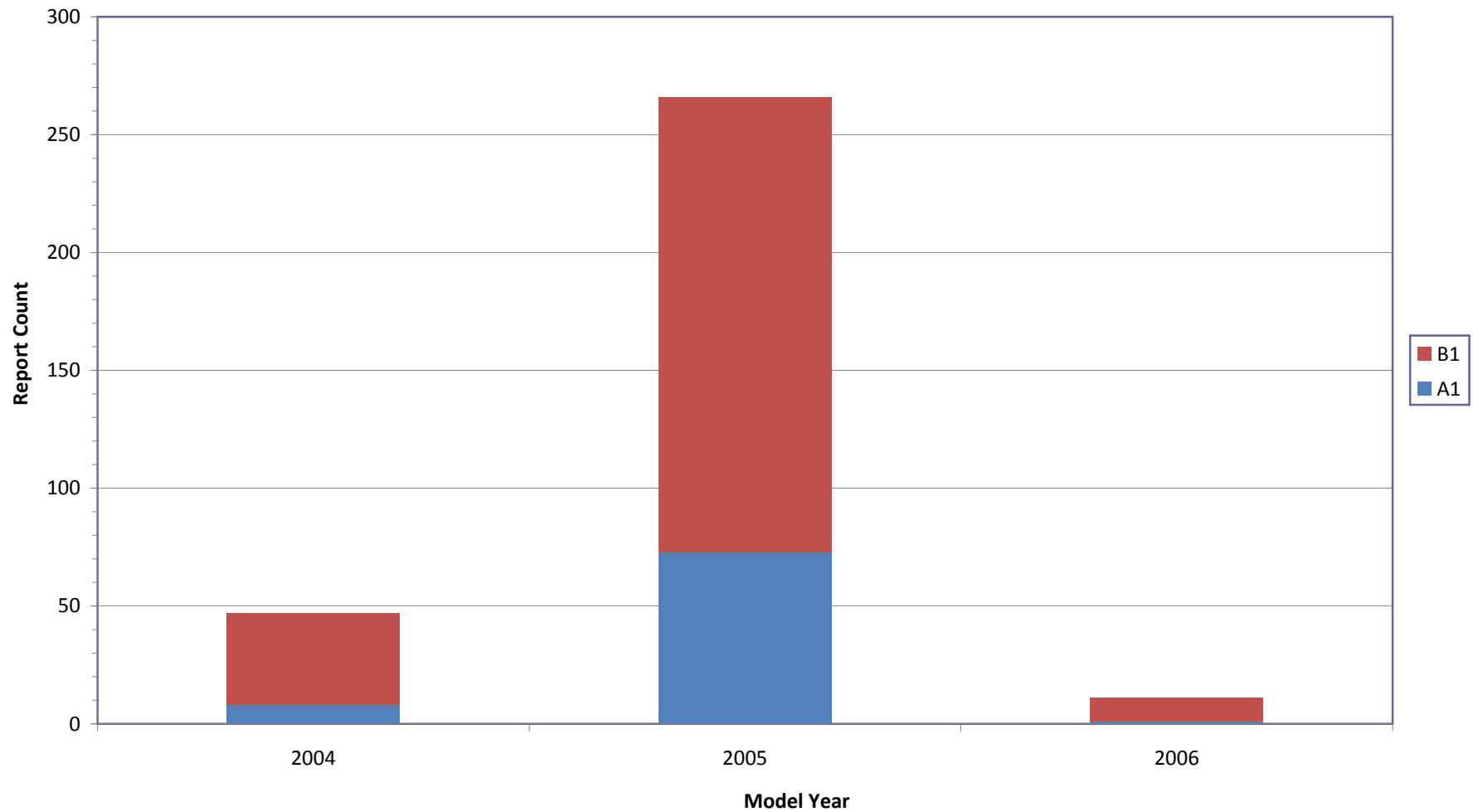
Count of Cat	Cat		
Bld Mo	A1	B1	Grand Total
Unknown		7	7
8/31/2003		2	2
9/30/2003		3	3
10/31/2003	1	1	2
11/30/2003	1	1	2
12/31/2003		7	7
1/31/2004	4	9	13
2/29/2004		7	7
3/31/2004		1	1
4/30/2004	1	3	4
5/31/2004	1	1	2
6/30/2004		1	1
7/31/2004		2	2
8/31/2004		1	1
9/30/2004		1	1
10/31/2004	1	4	5
11/30/2004	15	33	48
12/31/2004	8	27	35
1/31/2005	17	30	47
2/28/2005	4	13	17
3/31/2005	9	33	42
4/30/2005	11	25	36
5/31/2005	3	9	12
6/30/2005	3	8	11
7/31/2005	1	1	2
8/31/2005	1	7	8
9/30/2005		1	1
11/30/2005		3	3
1/31/2006		1	1
6/30/2006	1		1
Grand Total	82	242	324

## EA10-001: F-150 Inadvertent Driver Air Bag Deployment Report Counts By Months In Service



Count of Cat	Cat		
MIS Category	A1	B1	Grand Total
0	1	3	4
10	14	9	23
20	13	19	32
30	21	35	56
40	9	43	52
50	14	47	61
60	7	48	55
70	3	25	28
80		6	6
Unknown		7	7
Grand Total	82	242	324

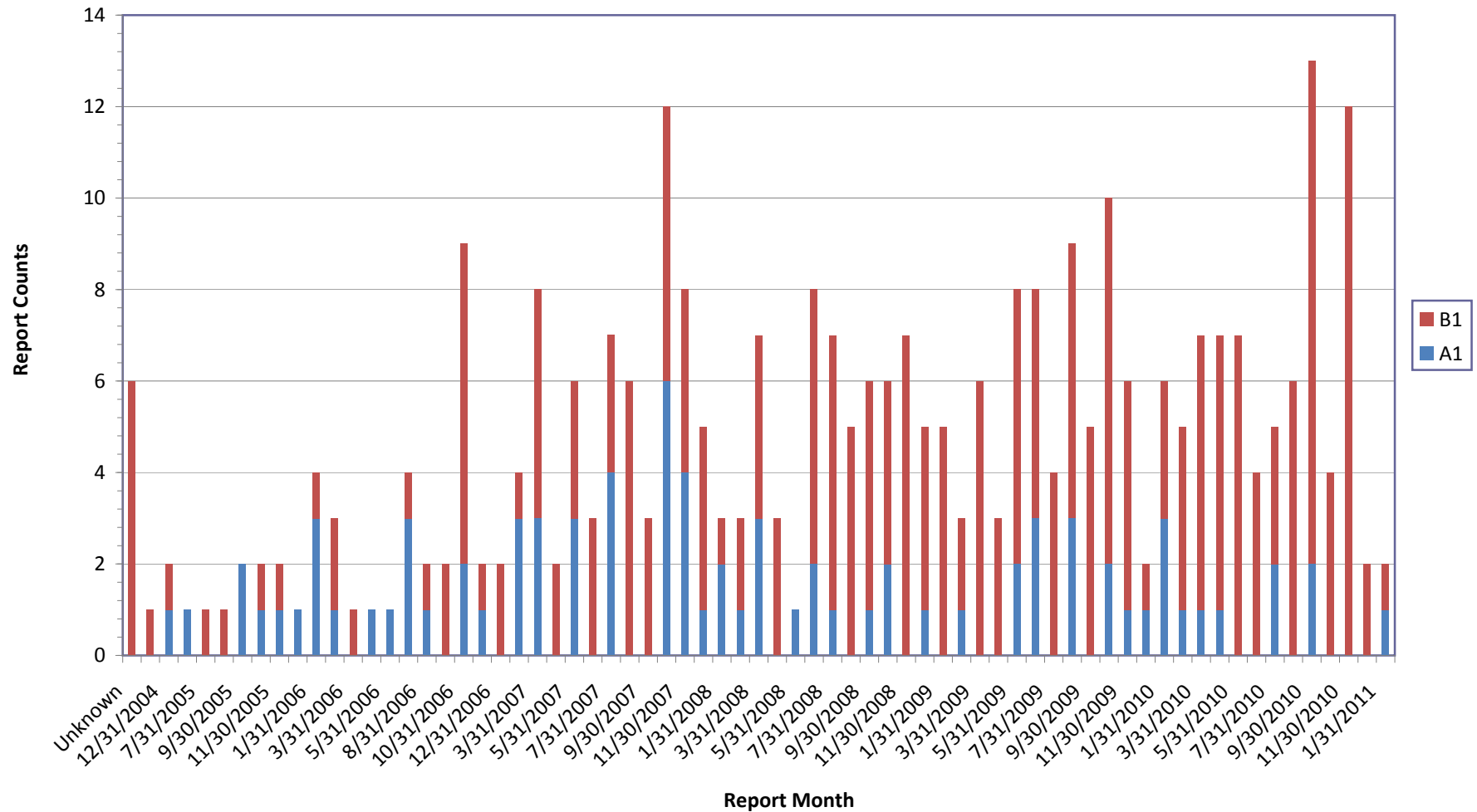
## EA10-001: F-150 Inadvertent Driver Air Bag Deployment Report Counts By Model Year



Count of Cat	Cat		
MY	A1	B1	Grand Total
2004	8	39	47
2005	73	193	266
2006	1	10	11
Grand Total	82	242	324

# EA10-001: F-150 Inadvertent Driver Air Bag Deployment

## Report Counts By Source & Report Month



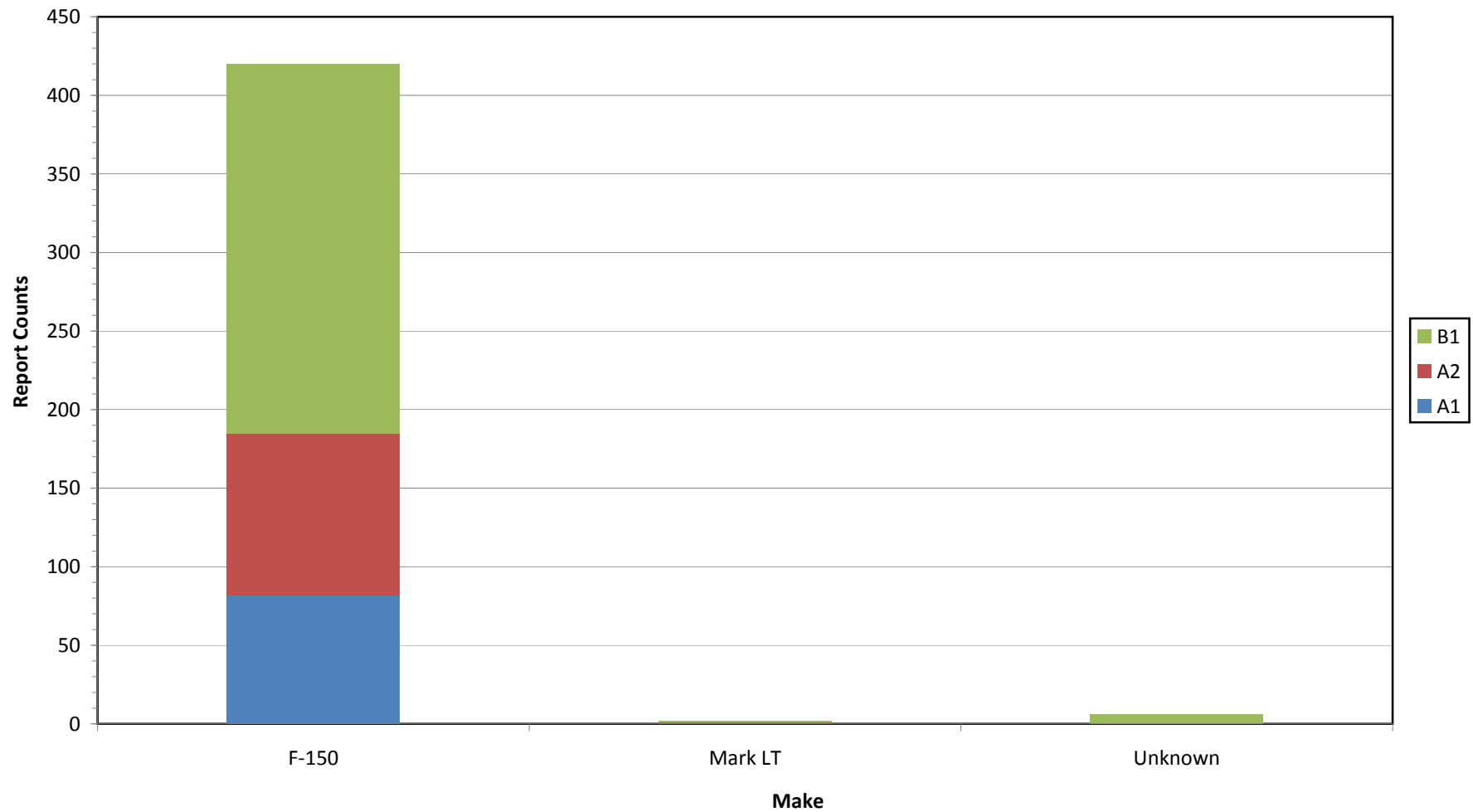
Source	(All)
--------	-------

Count of Cat	Cat		
Rpt Mo	A1	B1	Grand Total
Unknown		6	6
6/30/2004		1	1
12/31/2004	1	1	2
5/31/2005	1		1
7/31/2005		1	1
8/31/2005		1	1
9/30/2005	2		2
10/31/2005	1	1	2
11/30/2005	1	1	2
12/31/2005	1		1
1/31/2006	3	1	4
2/28/2006	1	2	3
3/31/2006		1	1
4/30/2006	1		1
5/31/2006	1		1
7/31/2006	3	1	4
8/31/2006	1	1	2
9/30/2006		2	2
10/31/2006	2	7	9
11/30/2006	1	1	2
12/31/2006		2	2
2/28/2007	3	1	4
3/31/2007	3	5	8
4/30/2007		2	2
5/31/2007	3	3	6
6/30/2007		3	3
7/31/2007	4	3	7
8/31/2007		6	6
9/30/2007		3	3
10/31/2007	6	6	12
11/30/2007	4	4	8
12/31/2007	1	4	5
1/31/2008	2	1	3
2/29/2008	1	2	3
3/31/2008	3	4	7
4/30/2008		3	3
5/31/2008	1		1
6/30/2008	2	6	8
7/31/2008	1	6	7
8/31/2008		5	5
9/30/2008	1	5	6
10/31/2008	2	4	6
11/30/2008		7	7
12/31/2008	1	4	5
1/31/2009		5	5
2/28/2009	1	2	3
3/31/2009		6	6
4/30/2009		3	3
5/31/2009	2	6	8
6/30/2009	3	5	8
7/31/2009		4	4

8/31/2009	3	6	9
9/30/2009		5	5
10/31/2009	2	8	10
11/30/2009	1	5	6
12/31/2009	1	1	2
1/31/2010	3	3	6
2/28/2010	1	4	5
3/31/2010	1	6	7
4/30/2010	1	6	7
5/31/2010		7	7
6/30/2010		4	4
7/31/2010	2	3	5
8/31/2010		6	6
9/30/2010	2	11	13
10/31/2010		4	4
11/30/2010		12	12
12/31/2010		2	2
1/31/2011	1	1	2
Grand Total	82	242	324

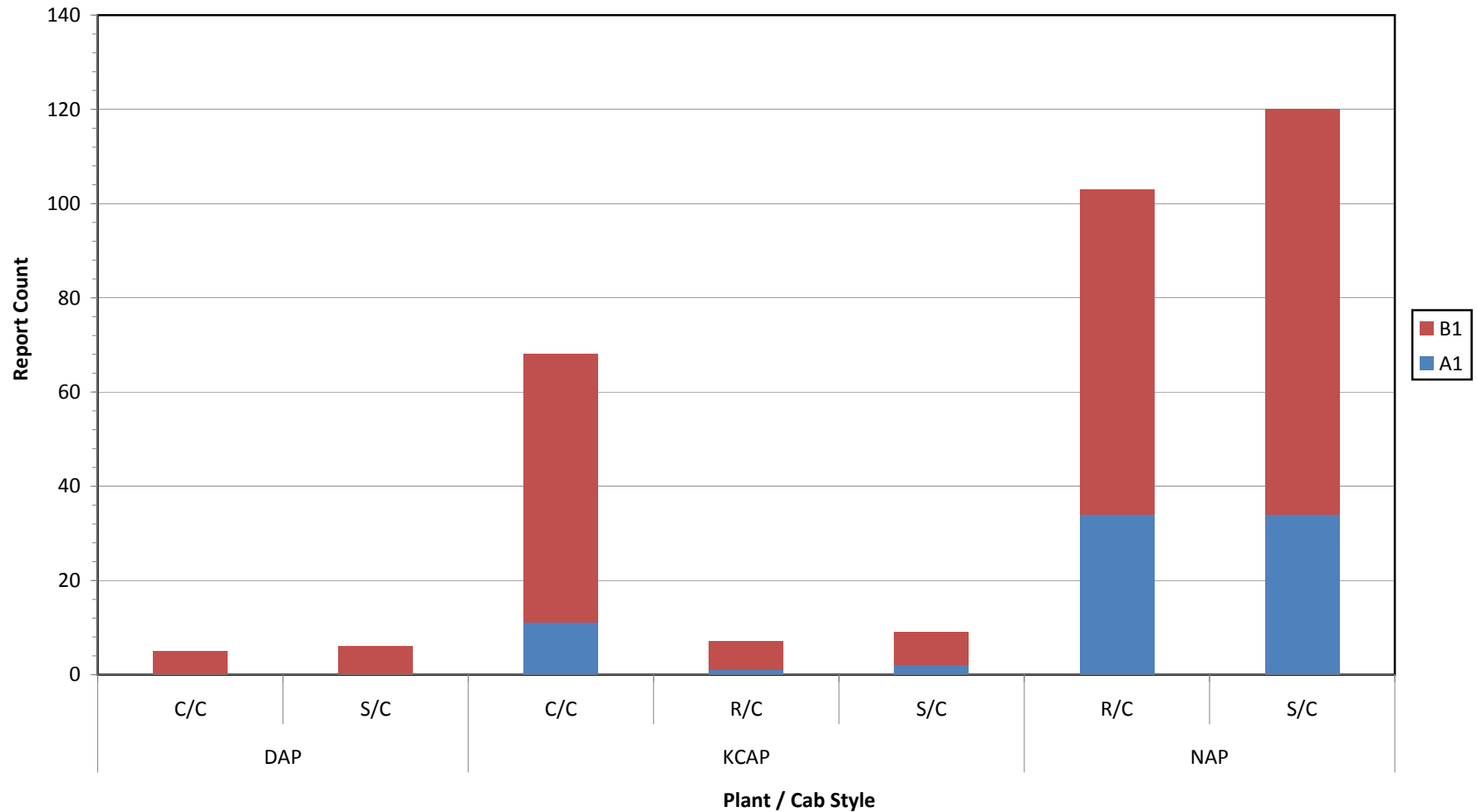


## EA10-001: F-150 Inadvertent Driver Air Bag Deployment Report Counts By Make



Count of Cat	Cat			
MODEL	A1	A2	B1	Grand Total
F-150	82	103	235	420
Mark LT		1	1	2
Unknown			6	6
Grand Total	82	104	242	428

## EA10-001: F-150 Inadvertent Driver Air Bag Deployment Report Counts By Plant & Cab Configuration



Count of Cat		Cat		
Plant	Body	A1	B1	Grand Total
DAP	C/C		5	5
	S/C		6	6
DAP Total			11	11
KCAP	C/C	11	57	68
	R/C	1	6	7
	S/C	2	7	9
KCAP Total		14	70	84
NAP	R/C	34	69	103
	S/C	34	86	120
NAP Total		68	155	223
Grand Total		82	236	318



03/01/11

Direct Ship: _	Overpack Qty: 12	Obs. Pending Date:
Ret Cat: 2.0 EXCP: N	Pallet Qty: 1944	Obs. Notice Date:
Traffic Cd: 79_	Abn. Cat. Date:	Obs. Effective Date:
Abn. Cat:	AIMS Inventory: 0	Pkg. Spec Eff. Date: 11/17/10
PIPP SOD Cd:	Can. Volume Grp: C	Pkg. Spec Iss. Date: 11/17/10
Can. Proc. Cd: 3	Prc. Prod. Line: 26ED	Svc. Disposition:
Volume Group: C	Mkt. Prod. Line: 013	Std. Part Locator: _____
Rotate Ind: N	Warranty Ind: N	Warehouse Class: 1
Sell Pack: _	Unit of Issue: 1	MR Ind: N
Sell Pack Qty: 0	Pkg. Weight: 0.08	Reman: N
Handling Cd: _	Pkg. Weight UOM: LB	DSTRBN Mult CD: 0
Replaced: N	Serial Number: 2549215	DSTRBN Mult Qty: 12
To GCAT: Y	Family Buy Cd:	Establish Date: 08/18/10

SMMPARFA Display Usage Translations 01/10/11 09:47:55

==&gt;

ENG PART: 4L3T 14B095 AA \_\_\_\_\_ ORIGIN: WERS REGION: \_ USG STAT: \_  
 Eng Name: WIR ASY DRV AIR BAG(KIT) PT: \_ PTO: \_ VL: \_  
 Svc Part: 4L3Z- 14B095-A Replaces: N Is Replcd: N USG IND: \_

P In Out

t Vl Yr Yr Feature Descriptions Feature Descriptions

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B F6 04 06 P221/P397/P415

*Melanie Gumz**Maintenance and Light Repair Supervisor**Service Engineering Operations - Service Product Development**Ford Customer Service Division**Phone: (313) 84-54286 Fax: (313) 62-16526**In the office Mon/Tues/Thurs**Telecommute Fri**Job-Share Partner: Amy Lamb (alamb)*

---

**From:** Culkeen, Patrick (P.M.)**Sent:** Monday, January 10, 2011 9:40 AM**To:** Gumz, Melanie (M.)**Subject:** FW: Quick Question

Melanie,

FYI

*Patrick M. Culkeen***Ford Motor Company**

Automotive Safety Office

External Safety Investigations

Fairlane Plaza South, Suite 500

330 Town Center Drive

Dearborn, MI 48126-2738 USA

W: (313) 594-4792

F: (313) 594-2268

2/25/2011

EA10-001.9 000290

---

**From:** Kreiger, Erik (E.)  
**Sent:** Tuesday, January 04, 2011 8:03 AM  
**To:** Culkeen, Patrick (P.M.)  
**Subject:** RE: Quick Question

Here ya go:

SERVICE PART: 4L3Z- 14B095-A\_\_\_\_\_ WIRING ASY  
 Motorcraft: \_\_\_\_\_ Prior State Part:  
 ENGINEERING PART: 4L3T 14B095 AA\_\_\_\_\_ ORIGIN: WERS  
                                     Sap Stage Code: MAS Replaced by Detail: N  
 Lexicon: 11130 Max. Order Qty: 0 Accpt. Ord. Dte: 03/01/11  
 Direct Ship: \_ Overpack Qty: 12 Obs. Pending Date:  
 Ret Cat: 2.0 EXCP: N Pallet Qty: 1944 Obs. Notice Date:  
 Traffic Cd: 79\_ Abn. Cat. Date: Obs. Effective Date:  
 Abn. Cat: AIMS Inventory: 0 Pkg. Spec Eff. Date: 11/17/10  
 PIPP SOD Cd: Can. Volume Grp: C Pkg. Spec Iss. Date: 11/17/10  
 Can. Proc. Cd: 3 Prc. Prod. Line: 26ED Svc. Disposition:  
 Volume Group: C Mkt. Prod. Line: 013 Std. Part Locator: \_\_\_\_\_  
 Rotate Ind: N Warranty Ind: N Warehouse Class: 1  
 Sell Pack: \_ Unit of Issue: 1 MR Ind: N  
 Sell Pack Qty: 0 Pkg. Weight: 0.08 Reman: N  
 Handling Cd: \_ Pkg. Weight UOM: LB DSTRBN Mult CD: O  
 Replaced: N Serial Number: 2549215 DSTRBN Mult Qty: 12  
 To GCAT: Y Family Buy Cd: Establish Date: 08/18/10  
 Tech Out Dte: 07/17/06 Harmonize Cd: Hvy. Trk. Cd: \_

**Erik M. Kreiger**  
 FSA Parts Specialist & Buyer  
 313-390-5972

Have you driven a Ford lately?  
 2010 Fusion-Motor Trends Car Of The Year

---

**From:** Culkeen, Patrick (P.M.)  
**Sent:** Tuesday, January 04, 2011 7:58 AM  
**To:** Kreiger, Erik (E.)  
**Subject:** Quick Question  
**Importance:** High

Erik,

Do you have the final engineering and service part number for the F-150 clockspring jumper wire? We're working on having the part released for service.

2/25/2011

EA10-001.9 000291

*Patrick M. Culkeen*

**Ford Motor Company**

Automotive Safety Office

External Safety Investigations

Fairlane Plaza South, Suite 500

330 Town Center Drive

Dearborn, MI 48126-2738 USA

W: (313) 594-4792

F: (313) 594-2268



---

**From:** Chascsa, Jim (JRCII.)  
**Sent:** Wednesday, April 14, 2010 2:09 PM  
**To:** Culkeen, Patrick (P.M.)  
**Subject:** Ranger Modification

**Attachments:** Chascsa PN DAB file041410.xls

Patrick,

I have changed the matrix to correct a typo for the Ranger program; 2004-2006 should all be single stage.






Chascsa PN DAB  
file041410.xls

Jim Chascsa  
Design and Release Supervisor  
Global Technical Specialist  
Steering Wheel, Driver Airbag and Inflator Design  
313-805-5896





# EA10-001: Driver Air Bag Design Type Number of Stages

		Subject Vehicles									
		Model Years									
Make	Model	2002		2003		2004		2005		2006	
		Design	Stages	Design	Stages	Design	Stages	Design	Stages	Design	Stages
Ford	F-150					Horn on Module/has secondary plate	2-Stg	Horn on Module/has secondary plate	2-Stg	Horn on Module/has secondary plate	2-Stg
Ford	F-150 Heritage					Mylar	1-Stg				
Lincoln	Mark LT									Horn on Module/has secondary plate	2-Stg
Ford	Explorer	Mylar	2-Stg	Mylar	2-Stg	Mylar	2-Stg	Mylar	2-Stg	Horn switch in wheel	2-Stg
Ford	Sport Trac	Mylar	2-Stg	Mylar	2-Stg	Mylar	2-Stg	Mylar	2-Stg	Horn switch in wheel	2-Stg
Mercury	Mountaineer	Mylar	2-Stg	Mylar	2-Stg	Mylar	2-Stg	Mylar	2-Stg	Horn switch in wheel	2-Stg
Lincoln	Aviator			Mylar	2-Stg	Mylar	2-Stg				

 Requested by the agency, but not in production for that MY  
 Requested by the agency, but not sold in the U.S.  
 Not requested by the agency

Peer Vehicles			
2007			
Make	Model	Design	Stages
Ford	F-150	Floating	2-Stg
Lincoln	Mark LT	Floating	2-Stg

Peer Vehicles							
		2004		2005		2006	
Make	Model	Design	Stages	Design	Stages	Design	Stages
Ford	E-150	Horn in module/no metal plates	1-Stg	Horn in module/no metal plates	1-Stg	Horn in module/no metal plates	1-Stg
Ford	E-250	Horn in module/no metal plates	1-Stg	Horn in module/no metal plates	1-Stg	Horn in module/no metal plates	1-Stg
Ford	E-350	Horn in module/no metal plates	1-Stg	Horn in module/no metal plates	1-Stg	Horn in module/no metal plates	1-Stg
Ford	Escape	Mylar	1-Stg	Mylar	2-Stg	Mylar	2-Stg
Ford	Escape HEV	Mylar	1-Stg	Mylar	2-Stg	Mylar	2-Stg
Ford	Excursion	Mylar	1-Stg	Mylar	1-Stg		
Ford	Expedition	Mylar	2-Stg	Mylar	2-Stg	Mylar	2-Stg
Ford	F-250	Mylar	1-Stg	Mylar	1-Stg	Mylar	1-Stg
Ford	F-350	Mylar	1-Stg	Mylar	1-Stg	Mylar	1-Stg
Ford	Freestar	Autoliv	Autoliv	Autoliv	Autoliv	Autoliv	Autoliv
Ford	Freestyle			Autoliv	Autoliv	Autoliv	Autoliv
Ford	Ranger	Horn switch in wheel	1-Stg	Horn switch in wheel	1-Stg	Horn switch in wheel	1-Stg
Lincoln	Navigator	Floating	2-Stg	Floating	2-Stg	Floating	2-Stg
Mercury	Mariner			Mylar	2-Stg	Mylar	2-Stg
Mercury	Mariner HEV			Mylar	2-Stg	Mylar	2-Stg
Mercury	Montego			Autoliv	Autoliv	Autoliv	Autoliv
Mercury	Monterey	Autoliv	Autoliv	Autoliv	Autoliv	Autoliv	Autoliv

 Requested by the agency, but not in production for that MY  
 Requested by the agency, but not sold in the U.S.  
 Not requested by the agency  
 Passenger car

## Program Number by Vehicle MY

Subject Vehicles						
Make	Model	Model Years				
		2002	2003	2004	2005	2006
Ford	F-150			P221	P221	P221
Ford	F-150			PN96		
Lincoln	Mark LT					P397
Ford	Explorer	U152/U207	U152/U208	U152	U152	U251
Ford	Sport Trac	P207	P207	P207	P207	P251
Mercury	Mountaineer	U152	U152	U152	U152	U251
Lincoln	Aviator		U231	U231	U231	

Peer Vehicles					
Make	Model	Model Years			
		2004	2005	2006	2007
Ford	F-150				P221
Lincoln	Mark LT				P397
Ford	E-150	VN127	VN127	VN127	
Ford	E-250	VN127	VN127	VN127	
Ford	E-350	VN127	VN127	VN127	
Ford	Escape	U204	U204	U204	
Ford	Escape HEV		U293	U293	
Ford	Excursion	?	U137	U137	
Ford	Expedition	U222	U222	U222	
Ford	F-250	P131	P131	P131	
Ford	F-350	P131	P131	P131	
Ford	Freestar	V229	V229	V229	
Ford	Freestyle		D219	D219	
Ford	Ranger	P150	P150	P150	
Lincoln	Navigator	U228	U228	U228	
Mercury	Mariner		U364	U364	
Mercury	Mariner HEV			?	
Mercury	Montego	D186	D333	D333	
Mercury	Monterey	V229	V229	V229	

NHTSA Information Request  
Vehicle Lines by MY

		Subject Vehicles				
		Model Years				
		2002	2003	2004	2005	2006
Make	Model			4L34 15043B13 CDW	5L34 1504B13 CDW	6L34 - A5043B13 CCW
Ford	F-150			2004		
Ford	F-150					
Lincoln	Mark LT					6L34 1504B13 BBW
Ford	Explorer	2002	2003	2004	6L24-78043B13 AKW	
Ford	Sport Trac	1L5A 10043B13 CBW	1L5A 10043B13 CBW	1L5A 10043B13 CBW	2005	
Mercury	Mountaineer	2002	2003	2004	6L94-78043B13 AKW	
Lincoln	Aviator		2003	2004		

		Peer Vehicles			
		Model Years			
		2004	2005	2006	2007
Make	Model				
Ford	F-150				7L34 15043B13 CBW
Lincoln	Mark LT				7L34 15043B13 DBW
Ford	E-150	4C25-15043B13-B	2005	2006	
Ford	E-250	4C25-15043B13-B	2005	2006	
Ford	E-350	4C25-15043B13-B	2005	2006	
Ford	Escape	2004	5L84-78043B13-KBW	2006	
Ford	Escape HEV	2004	5M64-78043B13-BBW	6M64-78043B13-BCW	
Ford	Excursion	2004	2005		
Ford	Expedition	2004	2005	2006	
Ford	F-250	2004	2005	2006	
Ford	F-350	2004	2005	2006	
Ford	Freestar		2005	2006	
Ford	Freestyle	5F93-74043B13-A	5F93-74043B13-A	6F93-74043B13-A	
Ford	Ranger	4L54-10043B13-A	2005	2006	
Lincoln	Navigator	2004	2005	2006	
Mercury	Mariner		5E64-78043B13-ABW	6E64-78043B13-AAW	
Mercury	Mariner HEV		5M64-78043B13-BBW	2006	
Mercury	Montego	2004	2005	2006	
Mercury	Monterey	2004	2005	2006	

Vehicles not requested by the agency

Requested by the agency, but not in production for that MY for sale in US (from VIN Rpt)

---

**From:** Culkeen, Patrick (P.M.)  
**Sent:** Wednesday, May 19, 2010 7:38 AM  
**To:** Kreiger, Erik (E.)  
**Subject:** RE: 10X11

Erik,

That's what I heard.

*Patrick M. Culkeen*

**Ford Motor Company**

Automotive Safety Office  
External Safety Investigations  
Fairlane Plaza South, Suite 500  
330 Town Center Drive  
Dearborn, MI 48126-2738 USA  
W: (313) 594-4792  
F: (313) 594-2268

---

**From:** Kreiger, Erik (E.)  
**Sent:** Tuesday, May 18, 2010 8:51 AM  
**To:** Culkeen, Patrick (P.M.)  
**Subject:** 10X11

**It sounds like the wrap solution for this program is not a popular idea. Correct?**

**Erik M. Kreiger**

FSA Parts Specialist & Buyer

313-390-5972

Have you driven a Ford lately?

2010 Fusion-Motor Trends Car Of The Year

---

**From:** Marculewicz, JoAnn [JoAnn\_Marculewicz@polk.com]  
**Sent:** Tuesday, February 15, 2011 12:34 PM  
**To:** Roberts, Michael (M.J.); Teachout, Karen; Graham, Michele  
**Cc:** Welch, Sharon (S.L.); Brandt, Debby (D.L.); Catalano, Martino (M.); Green, Jeffrey (J.T.); Philliben, Agnes (.)  
**Subject:** RE: 11S18 - Name & Address Update Request

Hi Mike,

I am confirming receipt of your request and will submit for Recall processing.

Regards,

JoAnn Marculewicz  
Data & Technical Support Analyst  
OEM Recall  
R. L. Polk & Co.  
Phone: 248-728-7841  
Email: joann\_marculewicz@polk.com

---

**From:** Roberts, Michael (M.J.) [mailto:mrober18@ford.com]  
**Sent:** Tuesday, February 15, 2011 11:58 AM  
**To:** Roberts, Michael (M.J.); Teachout, Karen; Marculewicz, JoAnn; Graham, Michele  
**Cc:** Welch, Sharon (S.L.); Brandt, Debby (D.L.); Catalano, Martino (M.); Green, Jeffrey (J.T.); Philliben, Agnes (.)  
**Subject:** 11S18 - Name & Address Update Request

Polk Team,

Please apply Name and Address Updates for the following FTP File and attachment.  
Please merge all records prior to returning updated data to Ford.

FSA#: Safety Recall 11S18  
FTP File: USA & Safety Act – 130,621  
Attached file: CAN – 8,780  
Yr/Model: Certain 2005-2006 F150  
FSA Description: Air Bag Jumper Wire

CSGC.PROD.CS0191EA.BE10.POLK.RQST.G2403V00

<<11S18\_CAN.txt>>

**Take care,**  
**Mike Roberts (mrober18)**  
**Ford Motor Company**  
Recall & Service Programs **Team**  
Global Campaign (GCamp) Specialist and Lead Coordinator

Certified 6 Sigma Black Belt  
DSC2\_Cube789\_AllenPark, MI (313) 337-6810

\*\*\*\*\*

2/25/2011

EA10-001.9 000298

This message has originated from R. L. Polk & Co.,  
26533 Evergreen Road Suite 900, Southfield, MI 48076.  
R. L. Polk & Co. sends various types of email  
communications. If this email message concerns the  
potential licensing of a Polk product or service, and  
you do not wish to receive further emails regarding Polk  
products, forward this email to [Do\\_Not\\_Send@polk.com](mailto:Do_Not_Send@polk.com)  
with the word "remove" in the subject line.

The email and any files transmitted with it are confidential  
and intended solely for the individual or entity to whom they  
are addressed.

If you have received this email in error, please delete this  
message and notify the Polk System Administrator at  
[postmaster@polk.com](mailto:postmaster@polk.com).

\*\*\*\*\*

---

**From:** Sutherland, Roy (R.W.)  
**Sent:** Monday, August 02, 2010 8:35 AM  
**To:** Beauregard, Danny (D.J.); Ivey, Will (W.); Fleury, Geoff (G.J.)  
**Cc:** Klosek, Walter (W.); Schonfield, Randy (R.E.)  
**Subject:** RE: 14D Review: 2004-06 MY F-150 Inadvertent Airbag Deployment - WL #4

**Follow Up Flag:** Follow up  
**Flag Status:** Red

Who can help with getting the proper wacts filled in for this concern (C12368048)/notice (AE00-E-12368048-000)? Need to get this moving since we need to get the parts released ASAP into service.

Regards,

**Roy Sutherland Jr.**

Ford Core Clockspring, Steering Wheel Switch,  
Global Door Lock/Memory Set & Headlamp Switch D&R Engineer  
Email: [rsutherl@ford.com](mailto:rsutherl@ford.com)  
Phone: 313-805-6905  
Bldg#5, Cube 1D009

---

**From:** Beauregard, Danny (D.J.)  
**Sent:** Thursday, July 29, 2010 10:20 AM  
**To:** Ivey, Will (W.); Fleury, Geoff (G.J.)  
**Cc:** Sutherland, Roy (R.W.)  
**Subject:** RE: 14D Review: 2004-06 MY F-150 Inadvertent Airbag Deployment - WL #4

Will & Geoff,

We have a concern (C12368048) for service only for P415. The drawings will be done in house. How do we do the Wacts screen and complete the notice as there is no supplier? Where do we go fro here?

**Danny Beauregard (DBEAURE1)**

CD3, EN/FN, P150 & P415 Switch Applications Engineer

Bldg. #5, Cube 1G028 Dearborn, MI

☎ Tel: (313) 805-6773

💻 [dbeaure1@ford.com](mailto:dbeaure1@ford.com)

---

**From:** Hughes, Paul (P.W.)  
**Sent:** Wednesday, July 28, 2010 1:48 PM  
**To:** Beauregard, Danny (D.J.)  
**Cc:** Sutherland, Roy (R.W.)  
**Subject:** RE: 14D Review: 2004-06 MY F-150 Inadvertent Airbag Deployment - WL #4

Please ask Will Ivey to explain new WACTS procedure.

Regards

Paul W. Hughes



Spec/Release Analyst

TF6-P415-F150 & 4.6/5.4/6.8l Engines

RCB Cube 3S321

313-248-1634

313-248-7110 fax

---

**From:** Beauregard, Danny (D.J.)  
**Sent:** Wednesday, July 28, 2010 1:47 PM  
**To:** Hughes, Paul (P.W.)  
**Cc:** Sutherland, Roy (R.W.)  
**Subject:** FW: 14D Review: 2004-06 MY F-150 Inadvertent Airbag Deployment - WL #4

Paul,

We have a concern (C12368048) for service only for P415. The drawings will be done in house. How do we do the Wacts screen and complete the notice as there is no supplier?

**Danny Beauregard (DBEAURE1)**

CD3, EN/FN, P150 & P415 Switch Applications Engineer

Bldg. #5, Cube 1G028 Dearborn, MI

☎ Tel: (313) 805-6773

💻 dbeaure1@ford.com

---

**From:** Sutherland, Roy (R.W.)  
**Sent:** Wednesday, July 28, 2010 1:11 PM  
**To:** Beauregard, Danny (D.J.)  
**Subject:** FW: 14D Review: 2004-06 MY F-150 Inadvertent Airbag Deployment - WL #4

Danny,

Now that the CR has been approved, do you know what is needed for the notice & wacts screen?

Thanks,

**Roy Sutherland Jr.**

Ford Core Clockspring, Steering Wheel Switch,  
Global Door Lock/Memory Set & Headlamp Switch D&R Engineer

Email: rsutherl@ford.com

Phone: 313-805-6905

Bldg#5, Cube 1D009

---

**From:** Marshall, Michael (M.E.)  
**Sent:** Tuesday, July 27, 2010 9:49 AM  
**To:** Beauregard, Danny (D.J.); Sutherland, Roy (R.W.)  
**Cc:** Oswalt, Greg (G.G.); Young, Susan (S.M.)  
**Subject:** RE: 14D Review: 2004-06 MY F-150 Inadvertent Airbag Deployment - WL #4

All,

I have talked with the release analyst at KCAP, and he has given the approval direction to our change management

coordinator.  
Hopefully, WERS will reflect that today.

Thanks for your patience and let me know if you have any questions.

Regards,  
Mike Marshall  
DTP Electrical PVT

---

**From:** Beauregard, Danny (D.J.)  
**Sent:** Tuesday, July 27, 2010 9:09 AM  
**To:** Marshall, Michael (M.E.); Sutherland, Roy (R.W.)  
**Cc:** Oswalt, Greg (G.G.); Young, Susan (S.M.)  
**Subject:** RE: 14D Review: 2004-06 MY F-150 Inadvertent Airbag Deployment - WL #4

Mike,  
Any progress on this? It still shows nothing in the D screen.

**Danny Beauregard (DBEAURE1)**

CD3, EN/FN, P150 & P415 Switch Applications Engineer

Bldg. #5, Cube 1G028 Dearborn, MI

☎ Tel: (313) 805-6773

💻 dbeaure1@ford.com

---

**From:** Marshall, Michael (M.E.)  
**Sent:** Friday, July 23, 2010 12:09 PM  
**To:** Sutherland, Roy (R.W.); Beauregard, Danny (D.J.)  
**Cc:** Oswalt, Greg (G.G.); Young, Susan (S.M.)  
**Subject:** RE: 14D Review: 2004-06 MY F-150 Inadvertent Airbag Deployment - WL #4

Roy,  
I am following up with the release analyst at KCAP. I don't what is holding it up.

Stay tuned.

Mike

---

**From:** Sutherland, Roy (R.W.)  
**Sent:** Friday, July 23, 2010 9:14 AM  
**To:** Marshall, Michael (M.E.); Beauregard, Danny (D.J.)  
**Cc:** Oswalt, Greg (G.G.); Young, Susan (S.M.)  
**Subject:** RE: 14D Review: 2004-06 MY F-150 Inadvertent Airbag Deployment - WL #4

Danny/Mike,

The CR is still not approved and it is critical we get this moving ASAP. Who do I need to contact to get the concern (C12368048) approved to allow the notices top be pulled and part numbers released?

Regards,  
**Roy Sutherland Jr.**

Ford Core Clockspring, Steering Wheel Switch,  
Global Door Lock/Memory Set & Headlamp Switch D&R Engineer  
Email: rsutherl@ford.com  
Phone: 313-805-6905  
Bldg#5, Cube 1D009

---

**From:** Marshall, Michael (M.E.)  
**Sent:** Wednesday, July 21, 2010 11:06 AM  
**To:** Sutherland, Roy (R.W.); Beauregard, Danny (D.J.)  
**Subject:** RE: 14D Review: 2004-06 MY F-150 Inadvertent Airbag Deployment - WL #4

There was verbal approval at Monday's CC meeting. The release analyst was not online. I will follow up with him.

Mike

---

**From:** Sutherland, Roy (R.W.)  
**Sent:** Wednesday, July 21, 2010 9:23 AM  
**To:** Marshall, Michael (M.E.); Beauregard, Danny (D.J.)  
**Subject:** RE: 14D Review: 2004-06 MY F-150 Inadvertent Airbag Deployment - WL #4

Any update on when this concern (C12368048) will be moved to approved?

Regards,

**Roy Sutherland Jr.**

Ford Core Clockspring, Steering Wheel Switch,  
Global Door Lock/Memory Set & Headlamp Switch D&R Engineer  
Email: rsutherl@ford.com  
Phone: 313-805-6905  
Bldg#5, Cube 1D009

---

**From:** Marshall, Michael (M.E.)  
**Sent:** Monday, July 19, 2010 6:36 AM  
**To:** Beauregard, Danny (D.J.); Sutherland, Roy (R.W.)  
**Subject:** RE: 14D Review: 2004-06 MY F-150 Inadvertent Airbag Deployment - WL #4

Dan,

It usually takes 24 - 48 hrs before the release analyst puts their comments in and changes the status.

I will follow up today.

Mike

---

**From:** Beauregard, Danny (D.J.)  
**Sent:** Friday, July 16, 2010 1:07 PM  
**To:** Sutherland, Roy (R.W.); Marshall, Michael (M.E.)  
**Subject:** RE: 14D Review: 2004-06 MY F-150 Inadvertent Airbag Deployment - WL #4

Mike,

The program approved yesterday but I don't see a comment in the d screen.

**Danny Beauregard (DBEAURE1)**

CD3, EN/FN, P150 & P415 Switch Applications Engineer

Bldg. #5, Cube 1G028 Dearborn, MI

☎ Tel: (313) 805-6773

💻 dbeaure1@ford.com

---

**From:** Sutherland, Roy (R.W.)  
**Sent:** Friday, July 16, 2010 12:06 PM  
**To:** Beauregard, Danny (D.J.)

**Subject:** RE: 14D Review: 2004-06 MY F-150 Inadvertent Airbag Deployment - WL #4

Danny,

I noticed that C12368048 is still not approved, what is holding up the approval?

Regards,

**Roy Sutherland Jr.**

Ford Core Clockspring, Steering Wheel Switch,  
Global Door Lock/Memory Set & Headlamp Switch D&R Engineer  
Email: [rsutherl@ford.com](mailto:rsutherl@ford.com)  
Phone: 313-805-6905  
Bldg#5, Cube 1D009

---

**From:** Klosek, Walter (W.)  
**Sent:** Wednesday, July 14, 2010 10:59 AM  
**To:** Sutherland, Roy (R.W.); Beauregard, Danny (D.J.)  
**Subject:** FW: 14D Review: 2004-06 MY F-150 Inadvertent Airbag Deployment - WL #4

Danny, Roy,

If there is an issue getting the concern approved at Change Control when I'm gone it may be a good idea to ask Greg to provide some help with the program to get the approval.

Walt Klosek  
Supervisor-- Core Switches  
[WKLOSEK@FORD.COM](mailto:WKLOSEK@FORD.COM)  
Tel. No. 313-805-6839

---

**From:** Oswalt, Greg (G.G.)  
**Sent:** Wednesday, July 14, 2010 10:54 AM  
**To:** Klosek, Walter (W.)  
**Subject:** RE: 14D Review: 2004-06 MY F-150 Inadvertent Airbag Deployment - WL #4

Ok, Agreed.....

*Greg Oswalt*

Critical Concern Manager  
Pick-up/Medium Truck & Large SUV  
PDC - GC-A59, MD 266

☎ 313-390-1160, Cell Ph. 734-812-9220

✉ [goswalt@ford.com](mailto:goswalt@ford.com)

"Democracy; The state of affairs in which you consent to having your pocket picked, and elect the best man to do it"

---

**From:** Klosek, Walter (W.)  
**Sent:** Wednesday, July 14, 2010 10:50 AM  
**To:** Oswalt, Greg (G.G.)  
**Subject:** RE: 14D Review: 2004-06 MY F-150 Inadvertent Airbag Deployment - WL #4

Should be all set just had a meeting with ASO looks like the only thing hanging out is getting a 3D CAD model done for the part Roy is trying to find somebody to do it. For the life of me I don't see why they need it but somebody is insisting that we need one to get the WERS notice approved. If you need an update when I'm gone you can contact Roy Sutherland-- He's the one actually trying to get the drawings done. At yesterday's meeting everyone was fine with the status. Danny Beauregard should be taking the concern to the P415 change control meeting this week if he gets grief we may need some help in getting the system greased to approve this without a lot of the usual debate.

Walt Klosek  
Supervisor-- Core Switches  
WKLOSEK@FORD.COM  
Tel. No. 313-805-6839

---

**From:** Oswalt, Greg (G.G.)  
**Sent:** Wednesday, July 14, 2010 10:34 AM  
**To:** Klosek, Walter (W.)  
**Subject:** RE: 14D Review: 2004-06 MY F-150 Inadvertent Airbag Deployment - WL #4

Walt,  
Ok, where do we stand on jumer wire, drawing and releases?

**Greg Oswalt**  
Critical Concern Manager  
Pick-up/Medium Truck & Large SUV  
PDC - GC-A59, MD 266  
 313-390-1160, Cell Ph. 734-812-9220  
 [goswalt@ford.com](mailto:goswalt@ford.com)

"Democracy; The state of affairs in which you consent to having your pocket picked, and elect the best man to do it"

---

**From:** Klosek, Walter (W.)  
**Sent:** Wednesday, July 14, 2010 10:33 AM  
**To:** Oswalt, Greg (G.G.)  
**Subject:** Declined: 14D Review: 2004-06 MY F-150 Inadvertent Airbag Deployment - WL #4  
**When:** Wednesday, July 21, 2010 2:00 PM-3:00 PM (GMT-05:00) Eastern Time (US & Canada).  
**Where:** PDC GC-A59 (Greg's Office) or Conf. Call 313-621-3673, P.C. 75554922#

I'm on vacation

---

**From:** Windecker, Brian (B.J.)  
**Sent:** Monday, January 24, 2011 10:22 AM  
**To:** Kreiger, Erik (E.)  
**Subject:** RE:

Eric, the forecast has been changed per your request. Please note: I think this one is all ready on the exclude list. However, please place it on the exclude list, just in case. Also, this large increase in the forecast may cause changes to the SDI.

Brian J. Windecker  
Forecast Analyst  
FCSD -- Parts Supply & Logistics  
3N423 -- RCB  
(313) 39-04767

---

**From:** Kreiger, Erik (E.)  
**Sent:** Monday, January 24, 2011 10:18 AM  
**To:** Windecker, Brian (B.J.)  
**Subject:**

Brian.

Please set the forecast to the following for JAN/FEB/MARCH

AF2FA 60000  
AF1TA 15000  
AF1KA 50000

Erik M. Kreiger  
FSA Parts Specialist & Buyer  
313-390-5972  
Ford Explorer NAIAS Truck of the Year  
Have you driven a Ford lately?

---

**From:** Gomez, Jose (JGG.)  
**Sent:** Thursday, July 01, 2010 3:43 PM  
**To:** Sutherland, Roy (R.W.)  
**Subject:** RE: 4L37-14B095-BA

**Follow Up Flag:** Follow up  
**Flag Status:** Red

You're welcome if anything else is needed please let me know!

Regards!

---

**From:** Sutherland, Roy (R.W.)  
**Sent:** jueves, 01 de julio de 2010 02:34 p.m.  
**To:** Gomez, Jose (JGG.)  
**Subject:** RE: 4L37-14B095-BA

Jose,

No problem I will talk to some one here in North America on how to get the 3D CAD developed and loaded. As for the Wers, I saw your name in the list so I put you on for informational purpose only. You do not need to do any work in wers. We have a CR, should have the notice number in about a week. Thanks again for all your help.

Regards,

**Roy Sutherland Jr.**

Ford Core Clockspring, Steering Wheel Switch,  
Global Door Lock/Memory Set & Headlamp Switch D&R Engineer  
Email: rsutherl@ford.com  
Phone: 313-805-6905  
Bldg#5, Cube 1D009

---

**From:** Gomez, Jose (JGG.)  
**Sent:** Thursday, July 01, 2010 3:31 PM  
**To:** Sutherland, Roy (R.W.)  
**Subject:** RE: 4L37-14B095-BA

Roy:

I only Draw 2D Prints and I'm in CD4 program. 3D CAD for CD4 is responsibility of Northamerica Team. I've never participated in release process in WERS. Sould I do something for the E-Mail that I received from Wers help desk?

Regards

---

**From:** Sutherland, Roy (R.W.)  
**Sent:** jueves, 01 de julio de 2010 02:12 p.m.  
**To:** Gomez, Jose (JGG.)  
**Subject:** RE: 4L37-14B095-BA

Jose,

Thank you for the drawing. When we have the notice number pulled I will let you know so that we can populate the information on the drawing.

I do have another question. Besides the 2D ECAD drawings, do you or some one in your group handle the 3D MCAD drawings for TCE?

Regards,

**Roy Sutherland Jr.**

Ford Core Clockspring, Steering Wheel Switch,  
Global Door Lock/Memory Set & Headlamp Switch D&R Engineer

Email: rsutherl@ford.com

Phone: 313-805-6905

Bldg#5, Cube 1D009

---

**From:** Gomez, Jose (JGG.)  
**Sent:** Thursday, July 01, 2010 2:19 PM  
**To:** Sutherland, Roy (R.W.)  
**Subject:** 4L37-14B095-BA

Roy:

I send you the Clean print. Any comment or change please let me know!!

<< File: 4L3T-14B095-BA.pdf >>

Regards.



---

**From:** Sahinbas, Kenan (M.)  
**Sent:** Tuesday, October 05, 2010 9:08 AM  
**To:** Kreiger, Erik (E.); Sutherland, Roy (R.W.); Campbell, Ixchel (I.L.); 'Joel Rosenberg'  
**Cc:** Kaercher, Donald (D.); Culkeen, Patrick (P.M.); Klosek, Walter (W.)  
**Subject:** RE: 4L3T 14B095 BA

Supplier can obtain a deviation at:

<https://www.fordbrandprotection.ford.com/e108/home.page>

*Thank You!*

*M. Ken Sahinbas*

STA Engineer - Packaging  
Ford Motor Company  
North America Quality Office  
Customer Service Division  
Phone: (313) 390-3264

---

**From:** Kreiger, Erik (E.)  
**Sent:** Tuesday, October 05, 2010 7:56 AM  
**To:** Sutherland, Roy (R.W.); Campbell, Ixchel (I.L.); Sahinbas, Kenan (M.); 'Joel Rosenberg'  
**Cc:** Kaercher, Donald (D.); Culkeen, Patrick (P.M.); Klosek, Walter (W.)  
**Subject:** RE: 4L3T 14B095 BA

We will have to write a deviation for supplier code but the other 2 items can go on label?

Ken/Ixchel. Can you advise? Thanks

**Erik M. Kreiger**

FSA Parts Specialist & Buyer  
313-390-5972

Have you driven a Ford lately?  
2010 Fusion-Motor Trends Car Of The Year

---

**From:** Sutherland, Roy (R.W.)  
**Sent:** Tuesday, October 05, 2010 7:54 AM  
**To:** Kreiger, Erik (E.); Campbell, Ixchel (I.L.); Sahinbas, Kenan (M.); 'Joel Rosenberg'  
**Cc:** Kaercher, Donald (D.); Culkeen, Patrick (P.M.); Klosek, Walter (W.)  
**Subject:** RE: 4L3T 14B095 BA

Erik,

The drawing will have the label indicated, but the details of what is placed on the label are not listed. If someone can send me what STI will be placing on the label, i.e. FoMoCo, supplier code, etc..., I put that onto

the print.

Regards,

**Roy Sutherland Jr.**

Ford Core Clockspring, Steering Wheel Switch,  
Global Door Lock/Memory Set & Headlamp Switch D&R Engineer

Email: rsutherl@ford.com

Phone: 313-805-6905

Bldg#5, Cube 1D009

---

**From:** Kreiger, Erik (E.)  
**Sent:** Monday, October 04, 2010 12:51 PM  
**To:** Campbell, Ixchel (I.L.); Sutherland, Roy (R.W.); Sahinbas, Kenan (M.); 'Joel Rosenberg'  
**Cc:** Kaercher, Donald (D.); Culkeen, Patrick (P.M.)  
**Subject:** 4L3T 14B095 BA

Roy.

In today's meeting the Branding items came up and it is was mentioned that the requirements for Label, FoMoCo, and supplier code be called out on print. Can you confirm this and confirm that they are called out? This will be a critical item next week as the labels have a 3 week lead time. Thank you.

**Erik M. Kreiger**

FSA Parts Specialist & Buyer

313-390-5972

Have you driven a Ford lately?

2010 Fusion-Motor Trends Car Of The Year

---

**From:** Sutherland, Roy (R.W.)  
**Sent:** Wednesday, September 01, 2010 11:27 AM  
**To:** Haddrill I, Sherrill (S.); Beauregard, Danny (D.J.)  
**Subject:** RE: 4l3t14b095aa  
**Follow Up Flag:** Follow up  
**Flag Status:** Red

Sherrill,  
FCSD has chosen to source Sterling Technologies, Inc.

Regards,

**Roy Sutherland Jr.**

Ford Core Clockspring, Steering Wheel Switch,  
Global Door Lock/Memory Set & Headlamp Switch D&R Engineer  
Email: rsutherl@ford.com  
Phone: 313-805-6905  
Bldg#5, Cube 1D009

---

**From:** Haddrill I, Sherrill (S.)  
**Sent:** Wednesday, September 01, 2010 10:26 AM  
**To:** Beauregard, Danny (D.J.); Sutherland, Roy (R.W.)  
**Subject:** RE: 4l3t14b095aa  
**Importance:** High

[Any info available on this part yet?](#)

---

**From:** Beauregard, Danny (D.J.)  
**Sent:** Tuesday, August 24, 2010 10:13 AM  
**To:** Haddrill I, Sherrill (S.); Sutherland, Roy (R.W.)  
**Subject:** RE: 4l3t14b095aa

Roy,  
Who will be the supplier for this service part?

**Danny Beauregard (DBEAURE1)**  
CD3, EN/FN, P150 & P415 Switch Applications Engineer  
Bldg. #5, Cube 1G028 Dearborn, MI  
☎ Tel: (313) 805-6773  
✉ dbeaure1@ford.com

---

**From:** Haddrill I, Sherrill (S.)  
**Sent:** Monday, August 23, 2010 10:37 AM  
**To:** Beauregard, Danny (D.J.)  
**Cc:** Haddrill I, Sherrill (S.)  
**Subject:** 4l3t14b095aa

Hi Danny,

[Please take a look at the info enclosed and advise who is the supplier that will ship this part to Ford service.....](#)

ENGINEERING PART: 4L3T 14B095 AA \_\_\_\_\_ ORIGIN: WERS REGION: N  
 Eng Name: WIR ASY DRV AIR BAG(KIT) Assembly Ref: N  
 Kit Type: \_ Kit Verified: \_

Src Svc  
 A NEXT DETAIL ENGINEERING PART/ ORIGIN FUNCTION/ / Rf Rsn/ Eff In Point/  
 C Part Name Qty UoM Kit MJR Eff Out Point

-----  
 SK4L3T 14B095 AA WERS AE00180102000 0 N DS S4P4L  
 WIR ASY DRV AIR BAG(SKETCH) 1.00 EA N S4P7V  
 4L3T 14B095 BA WERS AE00180102000 0 N DS S4P4L  
 WIR ASY DRV AIR BAG 1.00 EA N S4P7V

Regards!

*Sherrill Haddrill*

Sourcing Analyst  
 1/313 390 3757  
[shaddri1@ford.com](mailto:shaddri1@ford.com)

"Whenever God Closes One Door He Always Opens Another, Even Though Sometimes It's Hell in the Hallway ..."

"Life can only be understood backwards; but it must be lived forwards." Goethe, Johann Von



---

**From:** Windecker, Brian (B.J.)  
**Sent:** Tuesday, January 18, 2011 10:47 AM  
**To:** Kreiger, Erik (E.)  
**Cc:** Kaercher, Donald (D.); Hartstang, Joe (J.K.)  
**Subject:** RE: 4L3Z- 14B095-A

Eric, the forecast has been changed per your request. Once again, not sure how this will affect SDI's and please put this one on the exclude list. Thanks!

Brian J. Windecker  
Forecast Analyst  
FCSD -- Parts Supply & Logistics  
3N423 -- RCB  
(313) 39-04767

---

**From:** Kreiger, Erik (E.)  
**Sent:** Friday, January 14, 2011 12:26 PM  
**To:** Windecker, Brian (B.J.)  
**Cc:** Kaercher, Donald (D.); Hartstang, Joe (J.K.)  
**Subject:** 4L3Z- 14B095-A

Brian.

Please set the forecast for JAN/FEB/MAR

AF2FA 4,000PCS  
AF1KA 3,000PCS  
AF1TA 1,500PCS

Thank you

Erik M. Kreiger  
FSA Parts Specialist & Buyer  
313-390-5972  
Ford Explorer NAIAS Truck of the Year  
Have you driven a Ford lately?

---

**From:** Windecker, Brian (B.J.)  
**Sent:** Tuesday, January 25, 2011 9:45 AM  
**To:** Kreiger, Erik (E.)  
**Subject:** RE: 4L3Z- 14B095-A\_

Eric, the forecast has been changed per your request.

Brian J. Windecker  
Forecast Analyst  
FCSD -- Parts Supply & Logistics  
3N423 -- RCB  
(313) 39-04767

---

**From:** Kreiger, Erik (E.)  
**Sent:** Tuesday, January 25, 2011 9:03 AM  
**To:** Windecker, Brian (B.J.)  
**Subject:** 4L3Z- 14B095-A\_

Brian.

Please set the forecast at AF1WA & AF1ZA to the following for months(FEB/MAR/APR)

AF1WA 50000  
AF1ZA 30000

Erik M. Kreiger  
FSA Parts Specialist & Buyer  
313-390-5972  
Ford Explorer NAIAS Truck of the Year  
Have you driven a Ford lately?

---

**From:** Joel Rosenberg [jmr@Sterlingtech.org]  
**Sent:** Friday, January 28, 2011 7:19 AM  
**To:** Kreiger, Erik (E.)  
**Cc:** carl.godell@sterlingtech.org; Brad Salter  
**Subject:** RE: Additional PO

Erik,  
Bill V at Tyco says FCI is not his customer but that he will still see what he can do to help.  
I will keep you posted.  
Thanks and have a good day.

Joel Rosenberg  
President  
Direct: 248-563-1471  
Main: 248-669-0334  
Fax: 248-669-0336  
Sterling Technologies, Inc.  
2035 Easy St.  
Commerce, Michigan 48390  
[www.Sterlingtech.Org](http://www.Sterlingtech.Org)

---

**From:** Kreiger, Erik (E.) [mailto:ekreiger@ford.com]  
**Sent:** Friday, January 28, 2011 7:01 AM  
**To:** Karen.Bird@fci.com; Joel Rosenberg; Laura.Wakeford@fci.com  
**Cc:** Carl Godell; Patrick.Raghubeer@fci.com; Rolando.Dominguez@fci.com; Rob.Rauchman@fci.com; Griffin, Golon (G.R.); Hartstang, Joe (J.K.)  
**Subject:** Additional PO

Karen/Laura.

As you know STI has placed another large order with you. Please update team as to when the start of flow of material will happen and at what quantities. This is now an official program at Ford and we need to compress lead times. If you have any questions please call.

Erik M. Kreiger  
FSA Parts Specialist & Buyer  
313-390-5972  
Ford Explorer NAIAS Truck of the Year  
Have you driven a Ford lately?

---

**From:** Karen.Bird@fci.com  
**Sent:** Thursday, September 23, 2010 2:03 PM  
**To:** Kreiger, Erik (E.)  
**Cc:** Sutherland, Roy (R.W.); Hochstadt, Bob (R.F.)  
**Subject:** RE: Air Bag Quote  
[01393364-1 / 1L2T-14474-DA - .35MM 2 GOLD TERMINAL](#)

*Karen B.*

---

**From:** Kreiger, Erik (E.) [mailto:ekreiger@ford.com]  
**Sent:** Tuesday, September 21, 2010 2:20 PM  
**To:** Bird, Karen  
**Cc:** Sutherland, Roy (R.W.); Hochstadt, Bob (R.F.); Gutierrez, Debbie; Armenta, Elida  
**Subject:** RE: Air Bag Quote

[Thanks Karen.](#)

**Erik M. Kreiger**  
FSA Parts Specialist & Buyer  
313-390-5972

Have you driven a Ford lately?

2010 Fusion-Motor Trends Car Of The Year

---

**From:** Karen.Bird@fci.com [mailto:Karen.Bird@fci.com]  
**Sent:** Tuesday, September 21, 2010 2:13 PM  
**To:** Kreiger, Erik (E.)  
**Cc:** Sutherland, Roy (R.W.); Hochstadt, Bob (R.F.); Debbie.Gutierrez@fci.com; Elida.Armenta@fci.com  
**Subject:** RE: Air Bag Quote

[Our Ford Supplier code is I785](#)  
[Quote and timing came from Susan Ludlow 717-986-7733](#)   [Quote # 02570428Q](#)  
[Karen Bird](#)

---

**From:** Kreiger, Erik (E.) [mailto:ekreiger@ford.com]  
**Sent:** Tuesday, September 21, 2010 12:46 PM  
**To:** Kreiger, Erik (E.); Bird, Karen  
**Cc:** Sutherland, Roy (R.W.); Hochstadt, Bob (R.F.); Gutierrez, Debbie; Armenta, Elida  
**Subject:** Air Bag Quote

[Karen.](#)

[Do you have a Ford supplier code and if so what is it? Also, who at Tyco are you working with? Thank you.](#)



Erik M. Kreiger  
FSA Parts Specialist & Buyer  
313-390-5972

Have you driven a Ford lately?

2010 Fusion-Motor Trends Car Of The Year

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---

**From:** Hochstadt, Bob (R.F.)  
**Sent:** Wednesday, September 22, 2010 8:31 AM  
**To:** Kreiger, Erik (E.)  
**Subject:** RE: Air Bag Quote

MMP

Screen SUPA for I785

---

**From:** Kreiger, Erik (E.)  
**Sent:** Tuesday, September 21, 2010 3:20 PM  
**To:** Hochstadt, Bob (R.F.)  
**Subject:** RE: Air Bag Quote

I went to SIM, where did you go?

**Erik M. Kreiger**  
FSA Parts Specialist & Buyer  
313-390-5972

Have you driven a Ford lately?

2010 Fusion-Motor Trends Car Of The Year

---

**From:** Hochstadt, Bob (R.F.)  
**Sent:** Tuesday, September 21, 2010 3:17 PM  
**To:** Kreiger, Erik (E.); 'Karen.Bird@fci.com'  
**Cc:** Sutherland, Roy (R.W.); 'Debbie.Gutierrez@fci.com'; 'Elida.Armenta@fci.com'  
**Subject:** RE: Air Bag Quote

I show the following

SUPLR	Print				
Loc	RFQ	Manuf	Purch	Remit	Rlse
----	-	-----	-----	-----	
I785B			I785B		
I785E			I785E		
I785H	Y	I785H		I785H	
I785K	Y	I785K		I785K	
I785L	Y	I785L		I785J	
I785M		I785M			
I785N	Y	I785N		I785N	

---

**From:** Kreiger, Erik (E.)  
**Sent:** Tuesday, September 21, 2010 3:06 PM  
**To:** 'Karen.Bird@fci.com'  
**Cc:** Sutherland, Roy (R.W.); Hochstadt, Bob (R.F.); Debbie.Gutierrez@fci.com; Elida.Armenta@fci.com  
**Subject:** RE: Air Bag Quote

Karen.

I show 2 GSDB codes for you. Which code will produce for STI; I785N or Q?

Thank you

Erik M. Kreiger  
FSA Parts Specialist & Buyer  
313-390-5972

Have you driven a Ford lately?

2010 Fusion-Motor Trends Car Of The Year

---

**From:** Karen.Bird@fci.com [mailto:Karen.Bird@fci.com]  
**Sent:** Tuesday, September 21, 2010 2:13 PM  
**To:** Kreiger, Erik (E.)  
**Cc:** Sutherland, Roy (R.W.); Hochstadt, Bob (R.F.); Debbie.Gutierrez@fci.com; Elida.Armenta@fci.com  
**Subject:** RE: Air Bag Quote

Our Ford Supplier code is I785

Quote and timing came from Susan Ludlow 717-986-7733 Quote # 02570428Q

Karen Bird

---

**From:** Kreiger, Erik (E.) [mailto:ekreiger@ford.com]  
**Sent:** Tuesday, September 21, 2010 12:46 PM  
**To:** Kreiger, Erik (E.); Bird, Karen  
**Cc:** Sutherland, Roy (R.W.); Hochstadt, Bob (R.F.); Gutierrez, Debbie; Armenta, Elida  
**Subject:** Air Bag Quote

Karen.

Do you have a Ford supplier code and if so what is it? Also, who at Tyco are you working with? Thank you.

Erik M. Kreiger  
FSA Parts Specialist & Buyer  
313-390-5972

Have you driven a Ford lately?

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---

**From:** Karen.Bird@fci.com  
**Sent:** Thursday, September 23, 2010 2:35 PM  
**To:** Hochstadt, Bob (R.F.); Kreiger, Erik (E.)  
**Cc:** Sutherland, Roy (R.W.)  
**Subject:** RE: Air Bag Quote

I785P

Parts will be made in Honduras and shipped from El Paso, TX to Sterling Tech.

Karen Bird

---

**From:** Hochstadt, Bob (R.F.) [mailto:rhochsta@ford.com]  
**Sent:** Tuesday, September 21, 2010 3:17 PM  
**To:** Kreiger, Erik (E.); Bird, Karen  
**Cc:** Sutherland, Roy (R.W.); Gutierrez, Debbie; Armenta, Elida  
**Subject:** RE: Air Bag Quote

I show the following

SUPLR Loc	Print RFQ	Manuf	Purch	Remit	Rlse
I785B			I785B		
I785E			I785E		
I785H	Y	I785H		I785H	
I785K	Y	I785K		I785K	
I785L	Y	I785L		I785J	
I785M		I785M			
I785N	Y	I785N		I785N	

---

**From:** Kreiger, Erik (E.)  
**Sent:** Tuesday, September 21, 2010 3:06 PM  
**To:** 'Karen.Bird@fci.com'  
**Cc:** Sutherland, Roy (R.W.); Hochstadt, Bob (R.F.); Debbie.Gutierrez@fci.com; Elida.Armenta@fci.com  
**Subject:** RE: Air Bag Quote

Karen.

I show 2 GSDB codes for you. Which code will produce for STI; I785N or Q?

Thank you

Erik M. Kreiger  
FSA Parts Specialist & Buyer

3/3/2011

new quote.

313-390-5972

Have you driven a Ford lately?

2010 Fusion-Motor Trends Car Of The Year

---

**From:** Karen.Bird@fci.com [mailto:Karen.Bird@fci.com]

**Sent:** Tuesday, September 21, 2010 2:13 PM

**To:** Kreiger, Erik (E.)

**Cc:** Sutherland, Roy (R.W.); Hochstadt, Bob (R.F.); Debbie.Gutierrez@fci.com; Elida.Armenta@fci.com

**Subject:** RE: Air Bag Quote

Our Ford Supplier code is I785

Quote and timing came from Susan Ludlow 717-986-7733 Quote # 02570428Q

Karen Bird

---

**From:** Kreiger, Erik (E.) [mailto:ekreiger@ford.com]

**Sent:** Tuesday, September 21, 2010 12:46 PM

**To:** Kreiger, Erik (E.); Bird, Karen

**Cc:** Sutherland, Roy (R.W.); Hochstadt, Bob (R.F.); Gutierrez, Debbie; Armenta, Elida

**Subject:** Air Bag Quote

Karen.

Do you have a Ford supplier code and if so what is it? Also, who at Tyco are you working with? Thank you.

Erik M. Kreiger

FSA Parts Specialist & Buyer

313-390-5972

Have you driven a Ford lately?

2010 Fusion-Motor Trends Car Of The Year

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3/3/2011

EA10-001.9 000322

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---

**From:** Takada, Shinya (ST.)  
**Sent:** Wednesday, September 22, 2010 5:13 PM  
**To:** Kreiger, Erik (E.); Sutherland, Roy (R.W.); Culkeen, Patrick (P.M.)  
**Cc:** Hartstang, Joe (J.K.); Hochstadt, Bob (R.F.); Griffin, Golon (G.R.)  
**Subject:** RE: Air Bag Quote

The buyer for FCI connectors is Golon Griffin.

## Shinya Takada

Purchasing Manager - Core EDS  
Ford Motor Company  
(313) 248-7709

---

**From:** Kreiger, Erik (E.)  
**Sent:** Wednesday, September 22, 2010 9:11 AM  
**To:** Sutherland, Roy (R.W.); Culkeen, Patrick (P.M.)  
**Cc:** Hartstang, Joe (J.K.); Hochstadt, Bob (R.F.); Takada, Shinya (ST.)  
**Subject:** Air Bag Quote

Shinya.

Can you assist with our questions about supplier FCI? If you have any questions please call.  
Thank you.

Erik M. Kreiger  
FSA Parts Specialist & Buyer  
313-390-5972

Have you driven a Ford lately?

2010 Fusion-Motor Trends Car Of The Year

---

**From:** Sutherland, Roy (R.W.)  
**Sent:** Wednesday, September 22, 2010 8:20 AM  
**To:** Kreiger, Erik (E.); Bradford Skinner, Nancy (N.); Culkeen, Patrick (P.M.)  
**Cc:** Patel-Rinke, Prima (P.); Hartstang, Joe (J.K.); Hochstadt, Bob (R.F.)  
**Subject:** RE: Air Bag Quote

Erik,  
These are connectors.

Regards,  
**Roy Sutherland Jr.**

3/3/2011



Ford Core Clockspring, Steering Wheel Switch,  
Global Door Lock/Memory Set & Headlamp Switch D&R Engineer  
Email: rsutherl@ford.com  
Phone: 313-805-6905  
Bldg#5, Cube 1D009

---

**From:** Kreiger, Erik (E.)  
**Sent:** Tuesday, September 21, 2010 4:30 PM  
**To:** Bradford Skinner, Nancy (N.); Sutherland, Roy (R.W.); Culkeen, Patrick (P.M.)  
**Cc:** Patel-Rinke, Prima (P.); Hartstang, Joe (J.K.); Hochstadt, Bob (R.F.)  
**Subject:** RE: Air Bag Quote

Roy, correct me if I am wrong, but these are connectors.

**Erik M. Kreiger**  
FSA Parts Specialist & Buyer  
313-390-5972

Have you driven a Ford lately?  
2010 Fusion-Motor Trends Car Of The Year

---

**From:** Bradford Skinner, Nancy (N.)  
**Sent:** Tuesday, September 21, 2010 4:28 PM  
**To:** Kreiger, Erik (E.); Sutherland, Roy (R.W.); Culkeen, Patrick (P.M.)  
**Cc:** Patel-Rinke, Prima (P.); Hartstang, Joe (J.K.); Hochstadt, Bob (R.F.)  
**Subject:** RE: Air Bag Quote

Erik - we buy switches, not connectors. Those belong to Shinya Takada. Are these switches or connectors?

Nancy

---

**From:** Kreiger, Erik (E.)  
**Sent:** Tuesday, September 21, 2010 3:47 PM  
**To:** Sutherland, Roy (R.W.); Culkeen, Patrick (P.M.)  
**Cc:** Bradford Skinner, Nancy (N.); Patel-Rinke, Prima (P.); Hartstang, Joe (J.K.); Hochstadt, Bob (R.F.)  
**Subject:** Air Bag Quote

Nancy/Prima.

Need your assistance in a Recall matter. I do not want to get in to all the details here since I am working off site. I am hoping you can provide the contact information for the buyer that deals with FCI(supplier code I785). I apologize if I am being too vague. If more is needed I can call one of you to explain. Thank you for your time.

new quote.

**Erik M. Kreiger**

FSA Parts Specialist & Buyer

313-390-5972

Have you driven a Ford lately?

2010 Fusion-Motor Trends Car Of The Year

---

**From:** Sutherland, Roy (R.W.)

**Sent:** Tuesday, September 21, 2010 3:25 PM

**To:** Kreiger, Erik (E.); Culkeen, Patrick (P.M.)

**Subject:** RE: Air Bag Quote

Erik,

The PD buyer supervisors for connectors are Nancy Bradford-Skinner (nbradfo2) and Prima Patel-Rinke (PPATELRI).

Regards,

**Roy Sutherland Jr.**

Ford Core Clockspring, Steering Wheel Switch,

Global Door Lock/Memory Set & Headlamp Switch D&R Engineer

Email: rsutherl@ford.com

Phone: 313-805-6905

Bldg#5, Cube 1D009

---

**From:** Kreiger, Erik (E.)

**Sent:** Tuesday, September 21, 2010 3:17 PM

**To:** Culkeen, Patrick (P.M.); Sutherland, Roy (R.W.)

**Subject:** FW: Air Bag Quote

Roy,

Can you get me the PD buyer for FCI? Since this was a directed source I have no leverage but we are now in trouble on this program.

**Erik M. Kreiger**

FSA Parts Specialist & Buyer

313-390-5972

Have you driven a Ford lately?

2010 Fusion-Motor Trends Car Of The Year

new quote.

**From:** Kreiger, Erik (E.)

**Sent:** Tuesday, September 21, 2010 3:16 PM

**To:** 'Karen.Bird@fci.com'

**Cc:** Sutherland, Roy (R.W.); Hochstadt, Bob (R.F.); Debbie.Gutierrez@fci.com; Elida.Armenta@fci.com

**Subject:** RE: Air Bag Quote

I spoke to Megan at Tyco. She is looking in to this and will get back to me but one thing she does notice is that there is no PO for FCI on this part. We need a PO into Tyco ASAP. Karen, can you make this happen? Thank you

**Erik M. Kreiger**

FSA Parts Specialist & Buyer

313-390-5972

Have you driven a Ford lately?

2010 Fusion-Motor Trends Car Of The Year

---

**From:** Karen.Bird@fci.com [mailto:Karen.Bird@fci.com]

**Sent:** Tuesday, September 21, 2010 2:13 PM

**To:** Kreiger, Erik (E.)

**Cc:** Sutherland, Roy (R.W.); Hochstadt, Bob (R.F.); Debbie.Gutierrez@fci.com; Elida.Armenta@fci.com

**Subject:** RE: Air Bag Quote

Our Ford Supplier code is I785

Quote and timing came from Susan Ludlow 717-986-7733 Quote # 02570428Q

Karen Bird

---

**From:** Kreiger, Erik (E.) [mailto:ekreiger@ford.com]

**Sent:** Tuesday, September 21, 2010 12:46 PM

**To:** Kreiger, Erik (E.); Bird, Karen

**Cc:** Sutherland, Roy (R.W.); Hochstadt, Bob (R.F.); Gutierrez, Debbie; Armenta, Elida

**Subject:** Air Bag Quote

Karen.

Do you have a Ford supplier code and if so what is it? Also, who at Tyco are you working with? Thank you.

**Erik M. Kreiger**

FSA Parts Specialist & Buyer

313-390-5972

Have you driven a Ford lately?

2010 Fusion-Motor Trends Car Of The Year

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**From:** Joel Rosenberg [jmr@Sterlingtech.org]  
**Sent:** Tuesday, August 10, 2010 12:00 PM  
**To:** Kreiger, Erik (E.)  
**Subject:** RE: Airbag Harness PO

Thanks Erik.

We are ready to go.

Any chance we can get together the week of Aug 16-20 with Don?

Let me know.

Thanks and have a good afternoon.

Joel

Joel Rosenberg  
President  
Direct: 248-563-1471  
Main: 248-669-0334  
Fax: 248-669-0336  
Sterling Technologies, Inc.  
2035 Easy St.  
Commerce, Michigan 48390  
www.Sterlingtech.Org

---

**From:** Kreiger, Erik (E.) [mailto:ekreiger@ford.com]  
**Sent:** Tuesday, August 10, 2010 11:58 AM  
**To:** Joel Rosenberg; Kaercher, Donald (D.)  
**Cc:** Brad Salter; Carl Godell  
**Subject:** RE: Airbag Harness PO

Joel.

We are still waiting for a few signatures within Ford to kick Don off to issue PO's. Hopefully by COB Wednesday.

**Erik M. Kreiger**  
FSA Parts Specialist & Buyer  
313-390-5972

Have you driven a Ford lately?

2010 Fusion-Motor Trends Car Of The Year

---

**From:** Joel Rosenberg [mailto:jmr@Sterlingtech.org]  
**Sent:** Tuesday, August 10, 2010 11:56 AM  
**To:** Kreiger, Erik (E.); Kaercher, Donald (D.)  
**Cc:** Brad Salter; Carl Godell  
**Subject:** Airbag Harness PO

Don,  
We have our vendors lined up for the kick-off. Any idea when we'll receive the PO?

3/3/2011

EA10-001.9 000329

Thanks and please let me know.

Joel

Joel Rosenberg

President

Direct: 248-563-1471

Main: 248-669-0334

Fax: 248-669-0336

Sterling Technologies, Inc.

2035 Easy St.

Commerce, Michigan 48390

[www.Sterlingtech.Org](http://www.Sterlingtech.Org)

---

**From:** Carl Godell [Cgodell@SterlingTech.org]  
**Sent:** Monday, October 18, 2010 11:51 AM  
**To:** Sahinbas, Kenan (M.); Maholick, William (WM.)  
**Cc:** Joel Rosenberg; Jackie Roy; Kreiger, Erik (E.)  
**Subject:** RE: Airbag Jumper Harness Label Approval - Important

Ken, According to the rep for American Label, Jackie Roy, that is a more typical label from them that they do for Ford. She is giving an option, to our first proposed design. We are happy with the first, the less cluttered, with the lot code on the wrap. If you guys think it is ok, then I think you will agree, the second submission really doesn't warrant any other conversation and we can move on. However, if you prefer the 2nd but only with two not three, then let us know.

Thanks  
Kind Regards,  
Carl

***Carl J Godell***

**Sterling Technologies, Inc**  
Vehicular wire harness, controls, turnkey manufacturing  
ISO 9001/2008 Registered and TS16949  
2035 Easy Street  
Commerce Twp, MI 48390  
ph: (248) 210 7247  
email: [carl.godell@sterlingtech.org](mailto:carl.godell@sterlingtech.org)  
web: [www.sterlingtech.org](http://www.sterlingtech.org)

---

**From:** Sahinbas, Kenan (M.) [mailto:msahinba@ford.com]  
**Sent:** Monday, October 18, 2010 8:47 AM  
**To:** Carl Godell; Maholick, William (WM.)  
**Subject:** RE: Airbag Jumper Harness Label Approval - Important

Is the second set of labels on the print like that? Very unusual to see part number separated in 3 deferent lines?

*Thank You!*

*M. Ken Sahinbas*  
STA Engineer - Packaging  
Ford Motor Company  
North America Quality Office  
Customer Service Division  
Phone: (313) 390-3264

---

**From:** Carl Godell [mailto:Cgodell@SterlingTech.org]  
**Sent:** Friday, October 15, 2010 5:12 PM  
**To:** Maholick, William (WM.); Sahinbas, Kenan (M.)  
**Subject:** FW: Airbag Jumper Harness Label Approval - Important

I believe this is what you were looking for.

Carl

3/2/2011

EA10-001.9 000331

## Carl J Godell

**Sterling Technologies, Inc**

Vehicular wire harness, controls, turnkey manufacturing

ISO 9001/2008 Registered and TS16949

2035 Easy Street

Commerce Twp, MI 48390

ph: (248) 210 7247

email: [carl.godell@sterlingtech.org](mailto:carl.godell@sterlingtech.org)web: [www.sterlingtech.org](http://www.sterlingtech.org)

---

**From:** Joel Rosenberg  
**Sent:** Friday, October 15, 2010 5:07 PM  
**To:** Carl Godell  
**Subject:** FW: Airbag Jumper Harness Label Approval - Important

Joel Rosenberg  
President  
Direct: 248-563-1471  
Main: 248-669-0334  
Fax: 248-669-0336  
Sterling Technologies, Inc.  
2035 Easy St.  
Commerce, Michigan 48390  
[www.Sterlingtech.Org](http://www.Sterlingtech.Org)

---

**From:** Joel Rosenberg  
**Sent:** Friday, October 15, 2010 11:27 AM  
**To:** 'Kreiger, Erik (E.)'; 'pculkeen@ford.com'  
**Cc:** Carl Godell; Brad Salter  
**Subject:** Airbag Jumper Harness Label Approval - Important

Erik and Pat,

Attached are the final proofs for the P/N label. They both meet Ford Standards. Who is the appropriate representative of Ford to approve which label you would like? The first label appears far less cluttered to us for a flag label. We will order the labels just as soon as it is signed off.

Thanks for your help.

Joel Rosenberg  
President  
Direct: 248-563-1471  
Main: 248-669-0334  
Fax: 248-669-0336  
Sterling Technologies, Inc.  
2035 Easy St.  
Commerce, Michigan 48390  
[www.Sterlingtech.Org](http://www.Sterlingtech.Org)



---

**From:** Kreiger, Erik (E.)  
**Sent:** Monday, May 03, 2010 2:22 PM  
**To:** Culkeen, Patrick (P.M.)  
**Subject:** RE: Airbag.doc

2007 F-150  
MARK LT  
2004-2006 NAVIGATOR:

SUPLR LOC: R7YAF TRW SAFETY SYSTEMS  
Supplier: R7YA TRW SAFETY SYSTEMS  
Contact: PAOLA CASTILLO  
Phone: 52-614-158-5252 Ext: \_\_\_\_\_  
Street: 3201 AVENIDA JUÁN ESCUTIA  
City: CHIHUAHUA  
County:  
State: CH Zip: 31125 Country: MX

---

**From:** Culkeen, Patrick (P.M.)  
**Sent:** Monday, May 03, 2010 2:07 PM  
**To:** Kreiger, Erik (E.)  
**Subject:** RE: Airbag.doc

Erik,

I think the only thing we need now are the contact information on the Peer Vehicles (2007 my F-150 and Mark LT, and 2004 - 2006 MY Navigator)

*Patrick M. Culkeen*

**Ford Motor Company**  
Automotive Safety Office  
External Safety Investigations  
Fairlane Plaza South, Suite 500  
330 Town Center Drive  
Dearborn, MI 48126-2738 USA  
W: (313) 594-4792  
F: (313) 594-2268

---

**From:** Windecker, Brian (B.J.)  
**Sent:** Wednesday, April 21, 2010 8:27 AM  
**To:** Kreiger, Erik (E.)  
**Subject:** RE: AL5Z-2A637-B

Eric, the forecast has been changed.

Brian J. Windecker  
Forecast Analyst  
FCSD -- Parts Supply & Logistics  
3N423 -- RCB  
(313) 39-04767

---

**From:** Kreiger, Erik (E.)  
**Sent:** Wednesday, April 21, 2010 7:59 AM  
**To:** Windecker, Brian (B.J.)  
**Subject:** AL5Z-2A637-B

**Brian.**

**Can you set the forecast for April/May/June:**

**AF1KA 300**  
**AF2FA 1200**  
**AF1TA 150**

**Thank you**

*Erik M. Kreiger*

FSA Parts Specialist  
313-390-5972

Have you driven a Ford lately?  
2010 Fusion-Motor Trends Car Of The Year

---

**From:** Sutherland, Roy (R.W.)  
**Sent:** Wednesday, April 07, 2010 9:42 AM  
**To:** Culkeen, Patrick (P.M.); Chascsa, Jim (JRCII.)  
**Cc:** Klosek, Walter (W.)  
**Subject:** RE: Check this out

**Attachments:** Picture (Metafile)

Pat,

Is the is the material you were looking at? If so, I think this could work. The jumpers could have this wrapped around it and then either full wrap or candy striped tape. The harness may be a little stiff, but the dealers would have more time to place the wire in the correct location when the clockspring/airbag is reassembled.



## Information

TwistTube®

Operating temperature up to 150° C  
Self-wrapping design  
Excellent abrasion resistance  
Highly flexible  
Noise suppression capabilities  
Ideal for reworking components and breakouts  
EMI version also available

[http://www.federalmogul.com/Federal-Mogul/Templates/Template\\_D1.aspx?NRMODE=Published&NRNODEGUID={59B56821-2C8D-4390-BBFB-16F3213EF46F}&NRORIGINALURL=/en/OETechnology/VehicleSafety-Protection/SystemsProtection/Automotive/Abrasion-mechanical/&NRCACHEHINT=Gu&Tab=Products](http://www.federalmogul.com/Federal-Mogul/Templates/Template_D1.aspx?NRMODE=Published&NRNODEGUID={59B56821-2C8D-4390-BBFB-16F3213EF46F}&NRORIGINALURL=/en/OETechnology/VehicleSafety-Protection/SystemsProtection/Automotive/Abrasion-mechanical/&NRCACHEHINT=Gu&Tab=Products)

Regards,  
**Roy Sutherland Jr.**

Ford Core Clockspring, Steering Wheel Switch,  
Global Door Lock/Memory Set & Headlamp Switch D&R Engineer  
Email: rsutherl@ford.com  
Phone: 313-805-6905  
Bldg#5, Cube 1D009

---

**From:** Sutherland, Roy (R.W.)  
**Sent:** Wednesday, April 07, 2010 9:26 AM  
**To:** Culkeen, Patrick (P.M.); Chascsa, Jim (JRCII.)  
**Subject:** RE: Check this out

Pat,  
I am unable to view the website.

Regards,

**Roy Sutherland Jr.**

Ford Core Clockspring, Steering Wheel Switch,  
Global Door Lock/Memory Set & Headlamp Switch D&R Engineer  
Email: rsutherl@ford.com  
Phone: 313-805-6905  
Bldg#5, Cube 1D009

---

**From:** Culkeen, Patrick (P.M.)  
**Sent:** Wednesday, April 07, 2010 9:24 AM  
**To:** Chascsa, Jim (JRCII.); Sutherland, Roy (R.W.)  
**Subject:** Check this out

[http://www.federalmogul.com/Federal-Mogul/Templates/Template\\_D1.aspx?NRMODE=Published&NRNODEGUID={59B56821-2C8D-4390-BBFB-16F3213EF46F}&NRORIGINALURL=/en/OETechnology/VehicleSafety-Protection/SystemsProtection/Automotive/Abrasion-mechanical/&NRCACHEHINT=Guest&Tab=Products](http://www.federalmogul.com/Federal-Mogul/Templates/Template_D1.aspx?NRMODE=Published&NRNODEGUID={59B56821-2C8D-4390-BBFB-16F3213EF46F}&NRORIGINALURL=/en/OETechnology/VehicleSafety-Protection/SystemsProtection/Automotive/Abrasion-mechanical/&NRCACHEHINT=Guest&Tab=Products)

The twist tube may work without generating a new pigtail. Your thoughts...

*Patrick M. Culkeen*

**Ford Motor Company**

Automotive Safety Office  
External Safety Investigations  
Fairlane Plaza South, Suite 500  
330 Town Center Drive  
Dearborn, MI 48126-2738 USA  
W: (313) 594-4792  
F: (313) 594-2268

**From:** Hochstadt, Bob (R.F.)  
**Sent:** Wednesday, May 12, 2010 11:00 AM  
**To:** 'Beauchamp, Tina'  
**Cc:** Hartstang, Joe (J.K.); Kreiger, Erik (E.); Kilar, Kurt (K.R.)  
**Subject:** RE: CLOCKSPRING JUMPER  
[M363C METHODE ELECTRONIC INC supplies 8L3Z-14A664-A](#)

**From:** Beauchamp, Tina [mailto:TBeauchamp@lear.com]  
**Sent:** Wednesday, May 12, 2010 9:01 AM  
**To:** Hochstadt, Bob (R.F.); Kreiger, Erik (E.); Hartstang, Joe (J.K.); Kilar, Kurt (K.R.)  
**Subject:** RE: CLOCKSPRING JUMPER

It's the clockspring jumper that we are working on now. I just wanted to know who supplied the part below that went out in 2008.

**Tina**

Sr. Account Manager  
 248-447-1964 phone  
 248-447-1920 fax

**From:** Hochstadt, Bob (R.F.) [mailto:rhochsta@ford.com]  
**Sent:** Wednesday, May 12, 2010 8:47 AM  
**To:** Beauchamp, Tina; Kreiger, Erik (E.); Hartstang, Joe (J.K.); Kilar, Kurt (K.R.)  
**Subject:** RE: CLOCKSPRING JUMPER

This part went out 9/22/2008.

SERVICE PART: 8L3Z- 14A664-A  
 ENGINEERING PART: 8L3T 14A664 AA

08 09 F150/LINCOLN MARK LT	KANSAS CITY PLANT BUILD
04 09 F150/LINCOLN MARK LT	KANSAS CITY PLANT BUILD
NORFOLK PLANT BUILD	
04 09 F150/LINCOLN MARK LT	DEARBORN PLANT BUILD
03 05 EXPLORER/MOUNTAINEER	LESS ANTI-SPIN TRACTION BRAKES
04 04 EXPLORER/MOUNTAINEER	IVD TRACTION BRAKES
02 02 EXPLORER/MOUNTAINEER	2002 1/2 JOB #1 PROGRAM CONTRL
LESS ANTI-SPIN TRACTION BRAKES	
05 05 EXPLORER/MOUNTAINEER	ROLL STABILITY CNTRL (RSC) BRK
03 04 LINCOLN AVIATOR	LESS ANTI-SPIN TRACTION BRAKES

Erik, I think Tina is referring to your [REDACTED] part requirement. Please give her a call.

Redacted for relevance

**From:** Beauchamp, Tina [mailto:TBeauchamp@lear.com]  
**Sent:** Wednesday, May 12, 2010 8:30 AM  
**To:** Hochstadt, Bob (R.F.); Kreiger, Erik (E.); Hartstang, Joe (J.K.); Kilar, Kurt (K.R.)  
**Subject:** RE: CLOCKSPRING JUMPER

Correction the base number is 14A664

Bob,

3/2/2011

EA10-001.9 000337

I don't think a P/N for the jumper has been released but I believe the actual clockspring assembly P/N is 8L3T-14A464-AA.

**Tina**

Sr. Account Manager  
248-447-1964 phone  
248-447-1920 fax

---

**From:** Hochstadt, Bob (R.F.) [mailto:rhochsta@ford.com]  
**Sent:** Wednesday, May 12, 2010 8:26 AM  
**To:** Kreiger, Erik (E.); Hartstang, Joe (J.K.); Kilar, Kurt (K.R.)  
**Cc:** Beauchamp, Tina  
**Subject:** RE: CLOCKSPRING JUMPER

Does anyone have a part number?

---

**From:** Kreiger, Erik (E.)  
**Sent:** Wednesday, May 12, 2010 7:40 AM  
**To:** Hartstang, Joe (J.K.); Hochstadt, Bob (R.F.); Kilar, Kurt (K.R.)  
**Subject:** CLOCKSPRING JUMPER

I defer to purchasing to advise me on how to answer Tina's question about previous supplier. I will respond back once we get direction from your area. Thank you.

*Erik M. Kreiger*

FSA Parts Specialist  
313-390-5972

Have you driven a Ford lately?  
2010 Fusion-Motor Trends Car Of The Year

---

**From:** Beauchamp, Tina [mailto:TBeauchamp@lear.com]  
**Sent:** Tuesday, May 11, 2010 4:49 PM  
**To:** Kreiger, Erik (E.)  
**Subject:** CLOCKSPRING JUMPER

Hi Erik,

Can you let me know for the clockspring jumper you are asking Lear to develop and build, who is the original supplier for this part? It was for the 2004-2006 F-150 and Mark LT vehicles?

If you can let me know I would appreciate it. Thank you.

**Tina**

Sr. Account Manager

3/2/2011

EA10-001.9 000338

248-447-1964 phone

248-447-1920 fax

\*\*\*\*\*  
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---

**From:** Kreiger, Erik (E.)  
**Sent:** Monday, May 10, 2010 9:35 AM  
**To:** Culkeen, Patrick (P.M.)  
**Subject:** RE: ClockSpring.doc

SUPLR LOC: M363C METHODE ELECTRONIC INC Parent Code: M363  
Supplier: M363 METHODE ELECTRONIC INC DDL Ind: L  
Contact: GINA PARRISH X 22167 DDL Eff Date:  
09/01/97  
Phone: 217-357-3941 Ext: Fax Phone: (217) 357-6280  
Street: 111 W BUCHANAN RR 2/PO BOX 130 SDS Ind: N  
City: CARTHAGE SDS Eff Date:  
County: HANCOCK SAAM Ind: Y  
State: IL Zip: 62321 Country: US LQO Capable: N

Whse loc: Manufacture Loc: M363C Rlse Loc: M363C Purch Loc:

Performance Rmk:  
GINA.PARRISH@METHODE.COM

---

BACK-UP: NIKKI FINK X 22237, E-MAIL:  
NIKKI.FINK@METHODE.COM  
ANEWMAN@METHODE-AECD.COM - CUSTOMER SERVICE SUPV. X 22522

---

DAVOR LEDER (PRODUCTION MANAGER) - PHONE# 248 354 6666 X 44155

---

*Erik M. Kreiger*

FSA Parts Specialist

313-390-5972

Have you driven a Ford lately?

2010 Fusion-Motor Trends Car Of The Year

---

**From:** Culkeen, Patrick (P.M.)  
**Sent:** Monday, May 10, 2010 9:25 AM  
**To:** Kreiger, Erik (E.)  
**Subject:** RE: ClockSpring.doc

Erik,

Thank for providing the service part sales for the clockspring. Can you please add the following information:  
Supplier's name, address, and appropriate point of contact (name, title, and telephone number) for the clockspring.  
This is what you had for the peer population driver air bags:

SUPLR LOC: R7YAF TRW SAFETY SYSTEMS  
Supplier: R7YA TRW SAFETY SYSTEMS  
Contact: PAOLA CASTILLO



Phone: 52-614-158-5252\_ Ext: \_\_\_\_\_  
Street: 3201 AVENIDA JUAN ESCUTIA  
City: CHIHUAHUA  
County:  
State: CH Zip: 31125 Country: MX

Wasn't it supplied by Methode and then TRW?

*Patrick M. Culkeen*

**Ford Motor Company**

Automotive Safety Office  
External Safety Investigations  
Fairlane Plaza South, Suite 500  
330 Town Center Drive  
Dearborn, MI 48126-2738 USA  
W: (313) 594-4792  
F: (313) 594-2268

---

**From:** Kreiger, Erik (E.)  
**Sent:** Monday, May 03, 2010 7:09 AM  
**To:** Culkeen, Patrick (P.M.)  
**Subject:** ClockSpring.doc

<< File: ClockSpring.doc >>

**Pat.**

**Removed**

**6L2Z 14A664 A**  
**1L5Z 14A664 AB & BB**  
**5L5Z 14A664 A**  
**6L2Z 14A664 A**

---

**From:** Chascsa, Jim (JRCII.)  
**Sent:** Tuesday, April 13, 2010 4:48 PM  
**To:** Culkeen, Patrick (P.M.)  
**Subject:** RE: Driver Air Bag p/n's

Yup!

Jim Chascsa  
Design and Release Supervisor  
Global Technical Specialist  
Steering Wheel, Driver Airbag and Inflator Design  
313-805-5896

---

**From:** Culkeen, Patrick (P.M.)  
**Sent:** Tuesday, April 13, 2010 4:45 PM  
**To:** Chascsa, Jim (JRCII.)  
**Subject:** RE: Driver Air Bag p/n's

Yup, it only has 2004 P150 on it. Does that mean that '05 & '06 are carryover?

*Patrick M. Culkeen*

**Ford Motor Company**

Automotive Safety Office  
External Safety Investigations  
Fairlane Plaza South, Suite 500  
330 Town Center Drive  
Dearborn, MI 48126-2738 USA  
W: (313) 594-4792  
F: (313) 594-2268

---

**From:** Chascsa, Jim (JRCII.)  
**Sent:** Tuesday, April 13, 2010 4:18 PM  
**To:** Culkeen, Patrick (P.M.)  
**Subject:** FW: Driver Air Bag p/n's

Did you get this one?

Jim Chascsa  
Design and Release Supervisor  
Global Technical Specialist  
Steering Wheel, Driver Airbag and Inflator Design  
313-805-5896

3/3/2011

---

**From:** Dubaisi, Adnan (A.N.)  
**Sent:** Wednesday, April 07, 2010 3:09 PM  
**To:** Chascsa, Jim (JRCII.)  
**Subject:** FW: Driver Air Bag p/n's

Hi Jim:

Below is all DAB module p/n's That Takata supplies.

Regards,

**Adnan Dubaisi**  
**NAE Body Interior / Restraints**  
**SUV/Truck/Small CAR SW/DAB D&R**  
**Tel: (313) 805-3408**  
**Email: ADUBAISI@ford.com**

---

**From:** Roberson, Sara [mailto:Sara.Roberson@Takata.com]  
**Sent:** Wednesday, April 07, 2010 11:09 AM  
**To:** Dubaisi, Adnan (A.N.); Ullrey, Tim  
**Subject:** RE: Driver Air Bag p/n's

Adnan – See below.

**Sara Roberson**  
**Product Engineer**  
**Takata Holdings Inc.**  
**(248) 475-6828**

---

**From:** Dubaisi, Adnan (A.N.) [mailto:adubaisi@ford.com]  
**Sent:** Wednesday, April 07, 2010 9:47 AM  
**To:** Roberson, Sara; Ullrey, Tim  
**Subject:** Driver Air Bag p/n's  
**Importance:** High

Sara/Tim,

Could you please fill out DAB part numbers for 2004 - 2010MY?

P150: 2004 – 4L54-10043B13-A, 2007 – 7L54-10043B13 -A  
Fusion: 2006 – 6E53-54043B13-A, 2008 – 8E53-54043B13-A, 2010 9E53-54043B13-A  
Milan: 2006 – 6N73-54043B12-A, 2008 – 8N73-54043B13-A, 2010 9N73-54043B13-A  
MKZ: 2006 – 6H63-54043B13-A, 2008 – 8H63-54043B13-A, 2009 9H61-54043B13-A, 2010 9H63-54043B13-A  
Edge: 2007 – 7T43-78043B13-C, 2008 8T43-78043B13-C, 2009 – 9T43-78043B13-A  
MKX: 2007 – 7A13-78043B13-A, 2008 8A13-78043B13-A, 2009 - 9A13-78043B13-A  
S197:

- BASE – 2004 -4R33-63043B13-A, 2008 8433-63043B13-A (NOT SURE IF THERE WERE MODEL YEAR CHANGES BETWEEN 2004-2008)
- BULLITT- 2008 – 8R33-63043B13-B (NOT SURE OF ANY OTHER MY CHANGES)

- SHELBY- 2007 – 7R3V-63043B13-A, 2010 A43V-63043B13-A
- FORD GT- 2006 – 6G7V-63043B130 - A (NOT SURE IF THERE ARE ANY OTHER MY CHANGES)

Added MAZDA – 2004- 4L54-1004B13-B (NOT SURE IF ANY OTHER MY CHANGES)

Thank you,

**Adnan Dubaisi**  
**NAE Body Interior / Restraints**  
**SUV/Truck/Small CAR SW/DAB D&R**  
**Tel: (313) 805-3408**  
**Email: ADUBAIS1@ford.com**

---

**From:** Chascsa, Jim (JRCII.)  
**Sent:** Wednesday, April 14, 2010 8:23 AM  
**To:** Culkeen, Patrick (P.M.)  
**Subject:** RE: Driver Airbag Part Numbers Needed

Pat,  
Good morning, again.

DAB = driver airbag  
WAB = wheel airbag (where the module is inseparable from the steering wheel).

Jim Chascsa  
Design and Release Supervisor  
Global Technical Specialist  
Steering Wheel, Driver Airbag and Inflator Design  
313-805-5896

---

**From:** Culkeen, Patrick (P.M.)  
**Sent:** Tuesday, April 13, 2010 7:06 PM  
**To:** Chascsa, Jim (JRCII.)  
**Subject:** RE: Driver Airbag Part Numbers Needed

Jim,

In this file, I am assuming that DAB = Driver Air Bag, but what does WAB = ?

*Patrick M. Culkeen*

**Ford Motor Company**

Automotive Safety Office  
External Safety Investigations  
Fairlane Plaza South, Suite 500  
330 Town Center Drive  
Dearborn, MI 48126-2738 USA  
W: (313) 594-4792  
F: (313) 594-2268

---

**From:** Chascsa, Jim (JRCII.)  
**Sent:** Monday, April 12, 2010 9:56 AM  
**To:** Culkeen, Patrick (P.M.)  
**Subject:** FW: Driver Airbag Part Numbers Needed

Patrick,

[Here's the Autoliv part numbers.](#)

Jim Chascsa  
Design and Release Supervisor  
Global Technical Specialist  
Steering Wheel, Driver Airbag and Inflator Design  
313-805-5896

---

**From:** Easton, Jessica (J.A.)  
**Sent:** Thursday, April 08, 2010 4:14 PM  
**To:** Chascsa, Jim (JRCII.)  
**Subject:** FW: Driver Airbag Part Numbers Needed

Autoliv's DAB Part numbers!

Have a great day,

***Jessica A. Easton***

Ford Motor Company  
Restraints-SW/DAB D&R  
Mobile: (313)805-5117  
E-mail: jeaston5@ford.com

-----Original Message-----

From: Russ.Gans@autoliv.com [<mailto:Russ.Gans@autoliv.com>]  
Sent: Thursday, April 08, 2010 4:10 PM  
To: Easton, Jessica (J.A.)  
Cc: Easton, Jessica (J.A.); Joel.Wachowski@autoliv.com; Ted.Kehres@autoliv.com  
Subject: RE: Driver Airbag Part Numbers Needed

Jessica,

Here's what I can find for today on this. One quick note. The DAB on the U204 (2004-6 Escape and Mariner) was part of a WAB. Therefore there are multiple part numbers based on all the SW configurations possible. I have not provided every single part number. To do this will take more time if you need it.

Also, the V229 was shipped in MY05.5 and MY06 as an WAB assembly with a worm gear even though the module was a separate part.

Call with any questions.

Thanks(See attached file: DAB part numbers 4-8-10.xls.zip)

Russ Gans  
Office 248-475-0441

"Easton, Jessica  
(J.A.)"  
<jeaston5@ford.co To  
m> "Easton, Jessica (J.A.)"  
<jeaston5@ford.com>,  
04/08/2010 02:10 <Ted.Kehres@autoliv.com>,

3/3/2011

EA10-001.9 000346

PM <Russ.Gans@autoliv.com>,  
 <Joel.Wachowski@autoliv.com>  
 cc

Subject  
 RE: Driver Airbag Part Numbers  
 Needed

Team,

What is the status on this?

~Jessica~

---

From: Easton, Jessica (J.A.)  
 Sent: Wednesday, April 07, 2010 4:55 PM  
 To: 'Ted.Kehres@autoliv.com'; Russ.Gans@autoliv.com;  
 'Joel.Wachowski@autoliv.com'  
 Cc: Easton, Jessica (J.A.)  
 Subject: Driver Airbag Part Numbers Needed

Sorry about that - I hope this works

Make	Model	Model Years
Ford	E-150	2004 2005 2006
Ford	E-250	2004 2005 2006
Ford	E-350	2004 2005 2006
Ford	Escape	2004 2005 2006
Ford	Escape HEV	2004 2005 2006
Ford	Freestar	2004 2005 2006
Ford	Freestyle	2004 2005 2006
Mercury	Mariner	2004 2005 2006
Mercury	Mariner HEV	2004 2005 2006
Mercury	Montego	2004 2005 2006
Mercury	Monterey	2004 2005 2006

Jessica A. Easton  
 Ford Motor Company  
 Restraints-SW/DAB D&R  
 Mobile: (313)805-5117  
 E-mail: jeaston5@ford.com

\*\*\*\*\*

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---

**From:** Prescott, Amanda (A.B.)  
**Sent:** Tuesday, October 05, 2010 8:22 AM  
**To:** Oswald, Greg (G.G.); Culkeen, Patrick (P.M.)  
**Subject:** RE: F-150 Airbag 14D

I'm excited

---

**From:** Oswald, Greg (G.G.)  
**Sent:** Tuesday, October 05, 2010 8:20 AM  
**To:** Culkeen, Patrick (P.M.); Prescott, Amanda (A.B.)  
**Subject:** FW: F-150 Airbag 14D

Looks like we will be on for today.

*Greg Oswald*

Critical Concern Manager

Pick-up/Medium Truck & Large SUV

PDC - GC-A59, MD 266

☎ 313-390-1160, Cell Ph. 734-812-9220

✉ [goswalt@ford.com](mailto:goswalt@ford.com)

*"If you have a weak stomach, you should not watch how sausages are made, or how a bill gets approved in congress"*

---

**From:** Chascsa, Jim (JRCII.)  
**Sent:** Tuesday, October 05, 2010 8:15 AM  
**To:** Oswald, Greg (G.G.)  
**Subject:** RE: F-150 Airbag 14D

Greg,

Good morning, how are you?

I will have the updates completed by 2:00 today.

Jim Chascsa

Design and Release Supervisor

Global Technical Specialist

Steering Wheel, Driver Airbag and Inflator Design

313-805-5896

---

**From:** Oswald, Greg (G.G.)  
**Sent:** Monday, October 04, 2010 4:17 PM  
**To:** Chascsa, Jim (JRCII.)  
**Subject:** F-150 Airbag 14D

Jim,  
I've noticed that the F-150 Inadvertant Airbag deployment 14D has not been updated per the discussion we had on 9/20. We have a meeting on Tuesday (10/5) to go over the revisions. What is your plan to support Tuesday's meeting?

*Greg Oswald*

Critical Concern Manager

Pick-up/Medium Truck & Large SUV

PDC - GC-A59, MD 266

 313-390-1160, Cell Ph. 734-812-9220

 [goswalt@ford.com](mailto:goswalt@ford.com)

*"If you have a weak stomach, you should not watch how sausages are made, or how a bill gets approved in congress"*

---

**From:** Oswalt, Greg (G.G.)  
**Sent:** Wednesday, February 09, 2011 12:56 PM  
**To:** Prescott, Amanda (A.B.); Welch, Sharon (S.L.)  
**Cc:** Culkeen, Patrick (P.M.); Roberts, Michael (M.J.)  
**Subject:** RE: F-150 dates

For puposes of tomorrows tech review we are going with what we have currently in the 14D. We can change the population after the T.R. and adjust the FRC Fact Sheet accordingly.

*Greg Oswalt*

Critical Concern Manager  
Pick-up/Medium Truck & Large SUV  
PDC - GC-A59, MD 266

☎ 313-390-1160, Cell Ph. 734-812-9220

✉ [goswalt@ford.com](mailto:goswalt@ford.com)

*"If you have a weak stomach, you should not watch how sausages are made, or how a bill gets approved in congress"*

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**From:** Prescott, Amanda (A.B.)  
**Sent:** Wednesday, February 09, 2011 12:45 PM  
**To:** Welch, Sharon (S.L.); Oswalt, Greg (G.G.)  
**Cc:** Culkeen, Patrick (P.M.); Roberts, Michael (M.J.)  
**Subject:** RE: F-150 dates

All f-150 and mark lt vehicles built from November 1, 2004 through June 30, 2005, at Norfolk and do the same for kansas city. However, I believe Mark LT was only built at Dearborn.

---

**From:** Welch, Sharon (S.L.)  
**Sent:** Wednesday, February 09, 2011 12:15 PM  
**To:** Prescott, Amanda (A.B.); Oswalt, Greg (G.G.)  
**Cc:** Culkeen, Patrick (P.M.); Roberts, Michael (M.J.)  
**Subject:** RE: F-150 dates  
**Importance:** High

Amanda,  
Please clarify dates and model years. For example, do you mean ALL vehicles build between Nov 1, 2004 and June 30, 2005? The majority of these would be 2005 MY, but some would be 2006MY as well.

*Sharon Welch*

Program Manager  
Recall & Service Programs  
DSC II 803  
Phone (313) 33-72791

---

**From:** Prescott, Amanda (A.B.)  
**Sent:** Wednesday, February 09, 2011 10:43 AM  
**To:** Oswalt, Greg (G.G.); Welch, Sharon (S.L.)  
**Cc:** Culkeen, Patrick (P.M.)  
**Subject:** F-150 dates

November 2004-June 2005 at Norfolk

And possibly same period for Kansas City.

Amanda Prescott  
Automotive Safety Office  
Senior Research Engineer  
313-845-7295  
Fairlane Plaza South-Suite 500

---

**From:** Chascsa, Jim (JRCII.)  
**Sent:** Wednesday, February 16, 2011 1:12 PM  
**To:** Prescott, Amanda (A.B.); Welch, Sharon (S.L.)  
**Cc:** Frascaroli, Emily (E.E.); Culkeen, Patrick (P.M.)  
**Subject:** RE: F-150 Fact sheet

Team,

Good afternoon, how are you?

I'm fine with the re-wording.

Jim Chascsa  
Design and Release Supervisor  
Global Technical Specialist  
Steering Wheel, Driver Airbag and Inflator Design  
313-805-5896

---

**From:** Prescott, Amanda (A.B.)  
**Sent:** Wednesday, February 16, 2011 10:06 AM  
**To:** Welch, Sharon (S.L.); Chascsa, Jim (JRCII.)  
**Cc:** Frascaroli, Emily (E.E.); Culkeen, Patrick (P.M.)  
**Subject:** F-150 Fact sheet

Sharon,  
Emily and I have completed our changes to the fact sheet for F-150. Please see the attached fact sheet which incorporates OGC and ASO comments.

Jim,  
Please advise if you have comments or changes.

Thanks,  
Amanda

<< File: 10X11 2005-06 F-150 Air Bag\_Factsheet -rev2.doc >>

Amanda Prescott  
Automotive Safety Office  
Senior Research Engineer  
313-845-7295  
Fairlane Plaza South-Suite 500

---

**From:** Brown, Jerry (J.R.)  
**Sent:** Wednesday, February 09, 2011 11:52 AM  
**To:** Chasca, Jim (JRCII.); Bahr, Wayne (W.E.)  
**Subject:** RE: F-150 Inadvertent Airbag Deployment

Please break the news to them that Jerry will be there but that Jim Chasca will be presenting. Thanks.

***Jerry Brown***

Chief Engineer, Global Seats and Restraints Engineering  
PDC-1BA45 Mail drop 131  
313-805-3525

---

**From:** Chasca, Jim (JRCII.)  
**Sent:** Wednesday, February 09, 2011 11:50 AM  
**To:** Bahr, Wayne (W.E.); Brown, Jerry (J.R.)  
**Subject:** FW: F-150 Inadvertent Airbag Deployment  
**Importance:** High

Team,

Good morning, how are you?

I'm in the midst of refining the words of the document attached but I thought you would want to know about the FRC on Monday, Feb. 24th, mostly that CCRG expects Jerry will be presenting. I will be presenting the 14D in the Technology Review tomorrow afternoon at 3:00 (Thursday the 10th). Stop by if you would like to discuss.

Jim Chasca

Design and Release Supervisor  
Global Technical Specialist  
Steering Wheel, Driver Airbag and Inflator Design  
313-805-5896

---

**From:** Oswalt, Greg (G.G.)  
**Sent:** Monday, February 07, 2011 12:08 PM  
**To:** Chasca, Jim (JRCII.)  
**Subject:** F-150 Inadvertent Airbag Deployment

Jim,  
Attached is the preliminary 2004-06 F-150 Inadvertent Airbag Deployment FRC Fact Sheet. Please make any changes, and I need you to put in the prevent actions. Also please review with your management. Jerry Brown will need to present at the FRC on Monday (2/14).  
Let me know if you have any questions.  
Thx,

<< File: 10X11 2004-06 F-150 Airbag\_Factsheet\_020711.doc >>

***Greg Oswalt***

Critical Concern Manager  
Pick-up/Medium Truck & Large SUV  
PDC - GC-A59, MD 266

☎ 313-390-1160, Cell Ph. 734-812-9220

✉ [goswalt@ford.com](mailto:goswalt@ford.com)

*"If you have a weak stomach, you should not watch how sausages are made, or how a bill gets approved in congress"*

---

**From:** Prescott, Amanda (A.B.)  
**Sent:** Thursday, July 01, 2010 2:05 PM  
**To:** Fronckowiak, Todd (T.M.); Culkeen, Patrick (P.M.)  
**Subject:** RE: F150 prior model airbag

Already got it, thanks

-----Original Message-----

From: Fronckowiak, Todd (T.M.)  
Sent: Thursday, July 01, 2010 2:05 PM  
To: Culkeen, Patrick (P.M.); Prescott, Amanda (A.B.)  
Subject: FW: F150 prior model airbag

In case you haven't seen this already...

Best Regards,  
Todd Fronckowiak  
Manager, Government Investigations & Design Analysis Engineering Dept.  
Automotive Safety Office  
Ford Motor Company  
Phone: (313) 337-6777 | Cell: [REDACTED]

-----Original Message-----

From: Nevi, Raymond (R.A.)  
Sent: Thursday, July 01, 2010 1:45 PM  
To: Young, Susan (S.M.)  
Cc: Buczkowski, Jim (J.A.); Skinner, Sandra (S.A.)  
Subject: RE: F150 prior model airbag

Susan,

Thanks much for your help. Exactly what we needed.

Ray

-----Original Message-----

From: Young, Susan (S.M.)  
Sent: Thursday, July 01, 2010 10:26 AM  
To: Buczkowski, Jim (J.A.); Skinner, Sandra (S.A.); Nevi, Raymond (R.A.)  
Subject: RE: F150 prior model airbag

Ray,

My team is releasing the service part, and it is currently in CAD. The CAD team is working on a part number for the Bentley-Harris wrap since this diameter has not been used before.



Shouldn't be a delay, and I advised the team to contact me if there are any roadblocks they run in to.

Don't hesitate to call me if things do not seem to be progressing.

Thanks.

Susan Young  
EESE - Cockpit Electronics Manager  
2A005, Building #5 (313) 24.82413

-----Original Message-----

From: Buczkowski, Jim (J.A.)  
Sent: Thursday, July 01, 2010 9:21 AM  
To: Young, Susan (S.M.); Skinner, Sandra (S.A.)  
Subject: F150 prior model airbag

Susan,  
Ray Nevi called asking for some help. Are you familiar with what they need and what can we do to help?  
Jim Buczkowski  
Ford Electronics  
Sent from Blackberry

---

**From:** Oswalt, Greg (G.G.)  
**Sent:** Thursday, February 10, 2011 11:08 AM  
**To:** Chasca, Jim (JRCII.)  
**Subject:** RE: Facts sheet

Jim,  
Your management has reviewed and agrees with the Fact Sheet?

*Greg Oswalt*  
Critical Concern Manager  
Pick-up/Medium Truck & Large SUV  
PDC - GC-A59, MD 266  
☎ 313-390-1160, Cell Ph. 734-812-9220  
✉ [goswalt@ford.com](mailto:goswalt@ford.com)

*"If you have a weak stomach, you should not watch how sausages are made, or how a bill gets approved in congress"*

---

**From:** Chasca, Jim (JRCII.)  
**Sent:** Thursday, February 10, 2011 10:49 AM  
**To:** Oswalt, Greg (G.G.); Brown, Jerry (J.R.); Bahr, Wayne (W.E.)  
**Subject:** Facts sheet

Team,

Good morning, how are you?

Please find attached the updated Fact Sheel for Monday's discussion.

<< File: 10X11 2004-06 F-150 Airbag\_Factsheet\_JRCII.doc >>

Jim Chasca  
Design and Release Supervisor  
Global Technical Specialist  
Steering Wheel, Driver Airbag and Inflator Design  
313-805-5896

---

**From:** Sutherland, Roy (R.W.)  
**Sent:** Tuesday, August 03, 2010 12:21 PM  
**To:** Kreiger, Erik (E.)  
**Cc:** Hartstang, Joe (J.K.)  
**Subject:** RE: FCI Buyer

**Follow Up Flag:** Follow up  
**Flag Status:** Red

Erik,

I don't know the actual buyer, but the supervisors are Nancy Bradford-Skinner and Prima Patel-Rinke.

Regards,

**Roy Sutherland Jr.**

Ford Core Clockspring, Steering Wheel Switch,  
Global Door Lock/Memory Set & Headlamp Switch D&R Engineer  
Email: rsutherl@ford.com  
Phone: 313-805-6905  
Bldg#5, Cube 1D009

---

**From:** Kreiger, Erik (E.)  
**Sent:** Tuesday, August 03, 2010 12:18 PM  
**To:** Sutherland, Roy (R.W.)  
**Cc:** Hartstang, Joe (J.K.)  
**Subject:** FCI Buyer

Roy,

Do you know who the production buyer is that deals with FCI? Thank you

**Erik M. Kreiger**

FSA Parts Specialist & Buyer  
313-390-5972

Have you driven a Ford lately?  
2010 Fusion-Motor Trends Car Of The Year

---

**From:** Oswalt, Greg (G.G.)  
**Sent:** Friday, February 11, 2011 8:48 AM  
**To:** Chascsa, Jim (JRCII.)  
**Subject:** RE: Field Review Committee - February

Jim,  
Yes I will forward the request.  
Thx,

**Greg Oswalt**  
Critical Concern Manager  
Pick-up/Medium Truck & Large SUV  
PDC - GC-A59, MD 266  
☎ 313-390-1160, Cell Ph. 734-812-9220  
✉ [goswalt@ford.com](mailto:goswalt@ford.com)

*"If you have a weak stomach, you should not watch how sausages are made, or how a bill gets approved in congress"*

---

**From:** Chascsa, Jim (JRCII.)  
**Sent:** Friday, February 11, 2011 8:47 AM  
**To:** Oswalt, Greg (G.G.)  
**Subject:** RE: Field Review Committee - February

Should we invite someone from EESE, like Todd Clark? If they start asking detailed question about the RCM I'm not going to be able to answer.

**Jim Chascsa**  
Design and Release Supervisor  
Global Technical Specialist  
Steering Wheel, Driver Airbag and Inflator Design  
313-805-5896

---

**From:** Oswalt, Greg (G.G.)  
**Sent:** Friday, February 11, 2011 8:39 AM  
**To:** Chascsa, Jim (JRCII.); Brown, Jerry (J.R.)  
**Subject:** Field Review Committee - February

The, **2005-06 MY F-150 Airbag Warning Lamp**, is scheduled for review in the next Field Review Committee (FRC) meeting on February 14, 2011.

Seat Systems & Core Engineering, Restraints has been identified as the responsible activity for this concern and as such, will be the presenting activity at the FRC.

The FRC will be held on Monday February, 14 - 10:45a - Noon, WHQ, Thunderbird C/R (11th Floor)

Presentation Protocol:

**Presenter:** James Chascsa  
**Responsible Activity:** Jerry Brown

The presenter should cover the key content of the Fact Sheet (paraphrase). Support personnel attending with the Presenter and Responsible Activity Director should be limited to not more than one subject matter expert.

<< File: Updated Field Review Committee (FRC) Meeting.ics >>

***Greg Oswalt***

Critical Concern Manager  
Pick-up/Medium Truck & Large SUV  
PDC - GC-A59, MD 266

 313-390-1160, Cell Ph. 734-812-9220

 [goswalt@ford.com](mailto:goswalt@ford.com)

*"If you have a weak stomach, you should not watch how sausages are made, or how a bill gets approved in congress"*

---

**From:** Sutherland, Roy (R.W.)  
**Sent:** Friday, April 23, 2010 1:52 PM  
**To:** Culkeen, Patrick (P.M.)  
**Cc:** Klosek, Walter (W.)  
**Subject:** RE: File Review

**Attachments:** Subject Vehicle Clockspring Change Log 4-22-10.xls

Pat,

Per my phone message, I have updated the file with squib connector orientation. As for any additional information such as the exact production start or end dates or photographs/diagrams of the wiring location, I am unable to gather that detail.

Regards,

**Roy Sutherland Jr.**  
Ford Core Clockspring, Steering Wheel Switch,  
Global Door Lock/Memory Set & Headlamp Switch D&R Engineer  
Email: rsutherl@ford.com  
Phone: 313-805-6905  
Bldg#5, Cube 1D009



Subject Vehicle  
Clockspring Ch...

---

**From:** Culkeen, Patrick (P.M.)  
**Sent:** Friday, April 23, 2010 1:04 PM  
**To:** Sutherland, Roy (R.W.)  
**Subject:** RE: File Review

Roy,

You guys have done a bang up job on this. You may want to go through your response to Request 10 to make sure it's consistent, otherwise the NHTSA engineer will take exception to it.

Thanks for the help.

Pat

---

**From:** Sutherland, Roy (R.W.)  
**Sent:** Friday, April 23, 2010 11:17 AM  
**To:** Culkeen, Patrick (P.M.)  
**Subject:** RE: File Review

Pat,

I have reviewed and made a couple of minor updates.

Regards,

**Roy Sutherland Jr.**  
Ford Core Clockspring, Steering Wheel Switch,  
Global Door Lock/Memory Set & Headlamp Switch D&R Engineer  
Email: rsutherl@ford.com

Phone: 313-805-6905

Bldg#5, Cube 1D009

<< File: Subject Vehicle Clockspring Change Log 4-22-10.xls >>

---

**From:** Culkeen, Patrick (P.M.)  
**Sent:** Friday, April 23, 2010 8:10 AM  
**To:** Sutherland, Roy (R.W.)  
**Subject:** File Review

Roy,

I attempted to generate the basic information for the Subject Vehicle (F-150, Mark LT, Explorer, Mountaineer, Aviator) Clockspring Change History Chart. Could you please review and make corrections as necessary. I would not include the rows where design changes that did not make production are noted. I will do the same thing for the Peer Vehicles too.

*Patrick M. Culkeen*

**Ford Motor Company**

Automotive Safety Office  
External Safety Investigations  
Fairlane Plaza South, Suite 500  
330 Town Center Drive  
Dearborn, MI 48126-2738 USA  
W: (313) 594-4792  
F: [REDACTED]

<< File: Subject Vehicle Clockspring Change Log 4-22-10.xls >>

## EA10-001: Clockspring Part Change Log for F-150

	A	B	C	D	E	F		G	H
Part	Incorporated Into Vehicle Production	Description of Change	Reasons for Change	Original	Modified	Disposition of Original Parts		New Component Availability Date	New Component Interchangeable With Old (Y/N - Intended versus Possible)
				Ford Engineering Part Number	Ford Engineering Part Number	Withdrawn from Ford Production Inventory (Scrap/ Consume/ Rework)	Effective Date		
Clockspring	2004MY Running Change	Add grease to hub of clockspring.	To help reduce rotational noise.	2L2T-14A664-AC	4L2T-14A664-AA	Exhaust		7/14/2003	Y
Clockspring	2005MY Running Change	Changed airbag circuits from copper wire with soldered terminal crimps to tinned wire which does not require soldered terminal crimps.	Quality improvement and cost reduction.	4L2T-14A664-AA	5L2T-14A664-AA	Exhaust		11/20/2004	Y
Clockspring	2007MY Job #1	Change wire harness sleeve from PVC Vinyl to two individual Bentley Harris weave sleeves along with 4 spot tapes.	Sleeve material change to improve wire circuit protection.	5L2T-14A664-AA	7L3T-14A664-AA	None		6/26/2006	Y
Clockspring	2008MY Post Job #1 change	Remove unused dummy connector from clockspring. Dummy connector was used to hold give away IVD harness connector. There is no IVD on P221 program.	Reduce cost and weight by eliminating a part that is not required for production.	7L3T-14A664-AA	8L3T-14A664-AA	Exhaust		8/20/2007	Y



## EA10-001: Clockspring Part Change Log for F-150

	A	B	C	D	E	F		G	H
Part	Incorporated Into Vehicle Production	Description of Change	Reasons for Change	Original	Modified	Disposition of Original Parts		New Component Availability Date	New Component Interchangeable With Old (Y/N - Intended versus Possible)
				Ford Engineering Part Number	Ford Engineering Part Number	Withdrawn from Ford Production Inventory (Scrap/ Consume/ Rework)	Effective Date		
Clockspring	2005 MY	Changed airbag circuits from copper wire with soldered terminal crimps to tinned wire which does not require soldered terminal crimps.	Quality improvement and cost reduction.	4L2T-14A664-AA	5L2T-14A664-AA	Exhaust		11/20/2004	Y
Clockspring	2006 MY	Carryover design from 2005 MY		5L2T-14A664-AA		None		6/26/2006	Y

## EA10-001: Clockspring Part Change Log for Explorer

	A	B	C	D	E	F		G	H
Part	Incorporated Into Vehicle Production	Description of Change	Reasons for Change	Original	Modified	Disposition of Original Parts		New Component Availability Date	New Component Interchangeable With Old (Y/N - Intended versus Possible)
				Ford Engineering Part Number	Ford Engineering Part Number	Withdrawn from Ford Production Inventory (Scrap/ Consume/ Rework)	Effective Date		
	2002 MY	Increased robustness of shipping lock	To improve the strength of the shipping lock.	2L1T-14A664-AB	2L1T-14A664-AC				Y
	2002 MY	Increased robustness of shipping lock	To improve the strength of the shipping lock.	2L2T-14A664-AB	2L2T-14A664-AC				Y
	2002 MY	Initial release of new design level			2C5T-14A664-AA				
	2002 MY	Add additional mylar tape length.	Improve process capability at the assembly plant	2C5T-14A664-AA	2C5T-14A664-AB				Y

## EA10-001: Clockspring Part Change Log for Mountaineer

	A	B	C	D	E	F		G	H
Part	Incorporated Into Vehicle Production	Description of Change	Reasons for Change	Original	Modified	Disposition of Original Parts		New Component Availability Date	New Component Interchangeable With Old (Y/N - Intended versus Possible)
				Ford Engineering Part Number	Ford Engineering Part Number	Withdrawn from Ford Production Inventory (Scrap/ Consume/ Rework)	Effective Date		
	2002 MY	Increase robustness of shipping lock	To improve the strength of the shipping lock.	2L1T-14A664-AB	2L1T-14A664-AC				Y
	2002 MY	Increase robustness of shipping lock	To improve the strength of the shipping lock.	2L2T-14A664-AB	2L2T-14A664-AC				Y
	2002 MY	Initial release of new design level			2C5T-14A664-AA				

## EA10-001: Clockspring Part Change Log for Aviator

	A	B	C	D	E	F		G	H
Part	Incorporated Into Vehicle Production	Description of Change	Reasons for Change	Original	Modified	Disposition of Original Parts		New Component Availability Date	New Component Interchangeable With Old (Y/N - Intended versus Possible)
				Ford Engineering Part Number	Ford Engineering Part Number	Withdrawn from Ford Production Inventory (Scrap/ Consume/ Rework)	Effective Date		

---

**From:** Steve Ahlquist [Steve.Ahlquist@TRW.COM]  
**Sent:** Thursday, April 15, 2010 5:27 PM  
**To:** Chasca, Jim (JRCII.); Landis, Kenneth (K.M.); Andrew Smydra  
**Cc:** Lynch, Jim (J.)  
**Subject:** Re: FW: NHTSA Investigation: EA10-001 F-150 Driver Air BagInadvertent Deployment

**Attachments:** Subject Peer Vehicle List 14AP10.xls



Subject Peer  
Vehicle List 14AP...

Ken and Jim,

Please see attached compiled by Jim and Andy with the part # info requested. Let us know if you need anything further.

Best regards,  
Steve

>>> "Landis, Kenneth (K.M.)" <klandis1@ford.com> 4/8/2010 3:12 PM >>>  
Steve and Andy,

Please see urgent request below. I need to have the latest part numbers for all TRW DABs listed in the file. I don't need color codes, just prefix, base, and suffix level.

Thanks in advance.  
<<Subject\_Peer Vehicle List.xls>>

Ken Landis  
Senior Engineer  
Steering Wheel and Driver Airbag  
The Ford Motor Company

> \_\_\_\_\_  
> From: Chasca, Jim (JRCII.)  
> Sent: Wednesday, April 07, 2010 8:16 AM  
> To: Dean, Michael (M.J.); Dubaisi, Adnan (A.N.); Easton, Jessica  
> (J.A.); Gjonaj, Gjolina (G.); Landis, Kenneth (K.M.)  
> Subject: FW: NHTSA Investigation: EA10-001 F-150 Driver Air Bag  
> Inadvertent Deployment  
> Importance: High  
>  
> Team,  
>  
> Good morning, how are you?  
>  
> I need some help on this ASO assignment; please review the attached  
> list of driver airbags and assist me by providing part numbers for

> each module. To simplify; Ken please work with TRW on their modules,  
> Jess please work with Autoliv on their modules, Adnan please work with  
> Takata on their modules and Gjelina please work to get the KSS part  
> numbers (which I don't think there are any on the list). To  
> reiterate, this is a hot issue, so please have me the part numbers by  
> Friday, the 9th of April. Thanks for your help.

>  
> Jim Chascsa  
> Design and Release Supervisor  
> Global Technical Specialist  
> Steering Wheel, Driver Airbag and Inflator Design  
> 313-805-5896

>  
>  
>  

---

> From: Culkeen, Patrick (P.M.)  
> Sent: Tuesday, April 06, 2010 4:52 PM  
> To: Chascsa, Jim (JRCII.)  
> Subject: FW: NHTSA Investigation: EA10-001 F-150 Driver Air Bag  
> Inadvertent Deployment  
>  
> Jim,  
>  
> Could you please get with your people to confirm Base P/N for the  
> driver air bag for the model & MY's listed in the excel file below. I  
> have run warranty on Customer Concern Code, but would like to confirm  
> base P/N's just in case.

>  
> Patrick M. Culkeen  
>  
> Ford Motor Company  
> Automotive Safety Office  
> External Safety Investigations  
> Fairlane Plaza South, Suite 500  
> 330 Town Center Drive  
> Dearborn, MI 48126-2738 USA  
> W: (313) 594-4792  
> F: (313) 594-2268

>  
>  
>  
>  
>  
>  
>  

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> From: Culkeen, Patrick (P.M.)  
> Sent: Tuesday, March 30, 2010 3:03 PM  
> To: Chascsa, Jim (JRCII.); Sutherland, Roy (R.W.); Klosek, Walter  
> (W.)

> Subject: NHTSA Investigation: EA10-001 F-150 Driver Air Bag  
> Inadvertent Deployment  
>  
> Gentlemen,  
>  
> I have enclosed an excel file that summarizes the subject and peer  
> vehicles NHTSA is requesting information for. Please review the file  
> and contact me as soon as possible to discuss.  
>  
> Patrick M. Culkeen  
>  
> Ford Motor Company  
> Automotive Safety Office  
> External Safety Investigations  
> Fairlane Plaza South, Suite 500  
> 330 Town Center Drive  
> Dearborn, MI 48126-2738 USA  
> W: (313) 594-4792  
> F: [REDACTED]  
>  
>  
>  
>  
>  
>

Subject Vehicles							
Make	Model	Program	Model Years				
Ford	F-150	P221	2004	2005	2006	2007	
			4L34 15043B13 BFW	5L34 15043B13 CDW	6L34 - 15043B13 CCW	7L34 15043B13 CBW	
TRW Part No.			30355411	30363977		30373779	
Ford	F-150	PN96	2004	2005	2006		
				5L34 15034B13 ACW	6L34 15034B13 CCW		
TRW Part No.					30374847		
Lincoln	Mark LT	P221	2004	2005	2006		
			NA	5L34 15043B13 BEW	6L34 15043B13 BBW		
TRW Part No.				30367187	30374493		
Ford	Explorer	U152 / U251	2002/U152	2003/U152	2004/U152	2005/U251	2006/U251
			2L2A 78043B13 ACW	3L24 78043B13 AAW	4L24/5L24 78043B13 AAW	6L24-78043B13 AKW	7L24-78043B13 AAW
TRW Part No.			30339920	30357058	30365508	30362490	30362490
Ford	Sport Trac	P207	2002	2003	2004	2005	2006
			1L5A 10043B13 CBW	1L5A 10043B13 CBW	1L5A 10043B13 CBW	Not TRW	Not TRW
TRW Part No.			30336795	30336795	30336795		
Mercury	Mountaineer		2002/U152	2003/U152	2004	2005/U251	2006/U251
			2L2A 78043B13 BCW	3L24 78043B13 BAW	4L24/5L24 78043B13 BAW	6L94-78043B13 AKW	7L94-78043B13 AAW
TRW Part No.			30339933	30357279	30365509	30366135	30366135
Lincoln	Aviator	U231	2002	2003	2004	2005	
			NA	3C54 78043B13 ABW / BBW	4C54 78043B13 AAW / BAW	5C34 78043B13 AAW / BAW	
TRW Part No.				30356580/ 30356581	30364227/ 30364230	30364227/ 30364230	



Peer Vehicles					
Make	Model	Program	Model Years		
Ford	F-150	P221	2007		
			7L34 15043B13 CBW		
Lincoln	Mark LT	P221	2007		
			7L34 15043B13 DBW		
Ford	E-150		2004	2005	2006
Ford	E-250		2004	2005	2006
Ford	E-350		2004	2005	2006
Ford	Escape		2004	2005	2006
Ford	Escape HEV		2004	2005	2006
Ford	Excursion		2004	2005	2006
Ford	Expedition	U222	2004	2005	2006
			4L14 78043B13 AAW	5L14 78043B13 AAW	6L14 78043B13 ABW
TRW Part No.			30371105	30364928	30374422
Ford	F-250	PHN131	2004	2005	2006
			4C34 25043B13 ACW	5C34 25043B13 BBW	6C34 25043B13 ADW
Part No. TRW			30357504	30379979	30374663
	F-350				
Ford	Freestar		2004	2005	2006
Ford	Freestyle		2004	2005	2006
Ford	Ranger		2004	2005	2006
Lincoln	Navigator	U228 2003	2004	2005	2006
		2L7A 78043B13 BAW / CAW	4L7A 78043B13 AAW / BAW	5L7A 78043B13 AEW / BEW	6L7A 78043B13 AEW / BEW
TRW Part No.		30350320/ 30350321	30364229/ 30364228	30370027/ 30370028	30373826/ 30373827
Mercury	Mariner		2004	2005	2006
Mercury	Mariner HEV		2004	2005	2006
Mercury	Montego		2004	2005	2006
Mercury	Monterey		2004	2005	2006

---

**From:** Andrew Smydra [Andrew.Smydra@TRW.COM]  
**Sent:** Thursday, April 22, 2010 10:16 AM  
**To:** Chascsa, Jim (JRCII.)  
**Cc:** Dean, Michael (M.J.); Steve Ahlquist  
**Subject:** Re: FW: Wiring Diagram Summary Table

**Attachments:** Part Number\_ Vehicle List Rev 2\_22Apr2010.xls



Part Number\_  
Vehicle List Rev ...

Please see attached chart for Single Stage Inflator updates.

Explorer, Mountaineer, and Explorer Sport have been revised.  
Let me know.

>>> "Chascsa, Jim (JRCII.)" <jchascsa@ford.com> 4/22/2010 9:13 AM >>>  
Andy,

For your and Mike's info!

Jim Chascsa  
Design and Release Supervisor  
Global Technical Specialist  
Steering Wheel, Driver Airbag and Inflator Design  
313-805-5896

> \_\_\_\_\_  
> From: Culkeen, Patrick (P.M.)  
> Sent: Thursday, April 22, 2010 9:11 AM  
> To: Chascsa, Jim (JRCII.); Bahr, Wayne (W.E.)  
> Subject: Wiring Diagram Summary Table  
>  
> Jim & Wayne,  
>  
> Per this morning's phone call, I have reviewed the wiring diagrams for  
> the 2002-2005 MY Explorer, Explorer Sport, Explorer Sport Trac,  
> Mountaineer, and Aviator vehicles. Could you please confirm the  
> number of stages for the vehicles listed in the table and reply no  
> later than 2:00 pm today?  
>  
> Patrick M. Culkeen  
>  
> Ford Motor Company  
> Automotive Safety Office  
> External Safety Investigations  
> Fairlane Plaza South, Suite 500

> 330 Town Center Drive  
> Dearborn, MI 48126-2738 USA  
> W: (313) 594-4792  
> F: [REDACTED]  
>  
>  
>  
> <<Number of Squibs.xls>>  
>

Subject Vehicles, DS=Dual Stage Inflator, SS=Single Stage Inflator							
Make	Model	Program	Model Years				
Ford	F-150	P221	2004	2005	2006	2007	
			4L34 15043B13 BFW	5L34 15043B13 CDW	6L34 - 15043B13 CCW	7L34 15043B13 CBW	
Part No.			DS,30355411	DS,30363977		DS,30373779	
Ford	F-150	PN96	2004	2005	2006		
			?	5L34 15034B13 ACW	6L34 15034B13 CCW		
Part No.					30374847		
Lincoln	Mark LT	P221	2004	2005	2006		
			NA	5L34 15043B13 BEW	6L34 15043B13 BBW		
Part No.				DS,30367187	DS,30374493		
Ford	Explorer	U152 / U251	2002/U152	2003/U152	2004/U152	2005/U251	2006/U251
			2L2A 78043B13 ACW	3L24 78043B13 AAW	4L24/5L24 78043B13 AAW	6L24-78043B13 AKW	7L24-78043B13 AAW
Part No.			DS,30339920	DS,30357058	DS,30365508	DS,30362490	DS,30362490
Ford	Sport Trac	P207	2002	2003	2004	2005	2006
			1L5A 10043B13 CBW	1L5A 10043B13 CBW	1L5A 10043B13 CBW	Not TRW	Not TRW
Part No.			SS,30336795	SS,30336795	SS,30336795		
Mercury	Mountaineer		2002/U152	2003/U152	2004	2005/U251	2006/U251
			2L2A 78043B13 BCW	3L24 78043B13 BAW	4L24/5L24 78043B13 BAW	6L94-78043B13 AKW	7L94-78043B13 AAW
Part No.			DS,30339933	DS,30357279	DS,30365509	DS,30366135	DS,30366135
Lincoln	Aviator	U231	2002	2003	2004	2005	
			NA	3C54 78043B13 ABW / BBW	4C54 78043B13 AAW / BAW	5C34 78043B13 AAW / BAW	
				DS,30356580/ 30356581	DS,30364227/ 30364230	DS,30364227/ 30364230	

Part No.

Peer Vehicles					
Make	Model	Program	Model Years		
Ford	F-150	P221	2007		
			7L34 15043B13 CBW		
Lincoln	Mark LT	P221	2007		
			7L34 15043B13 DBW		
Ford	E-150		2004	2005	2006
Ford	E-250		2004	2005	2006
Ford	E-350		2004	2005	2006
Ford	Escape		2004	2005	2006
Ford	Escape HEV		2004	2005	2006
Ford	Excursion		2004	2005	2006
Ford	Expedition	U222	2004	2005	2006
			4L14 78043B13 AAW	5L14 78043B13 AAW	6L14 78043B13 ABW
Part No.			30371105	30364928	30374422
Ford	F-250	PHN131	2004	2005	2006
			4C34 25043B13 ACW	5C34 25043B13 BBW	6C34 25043B13 ADW
Part No.			30357504	30379979	30374663
	F-350				
Part No.					
Ford	Freestar		2004	2005	2006
Ford	Freestyle		2004	2005	2006
Ford	Ranger		2004	2005	2006
Lincoln	Navigator	U228 2003	2004	2005	2006
		2L7A 78043B13 BAW / CAW	4L7A 78043B13 AAW / BAW	5L7A 78043B13 AEW / BEW	6L7A 78043B13 AEW / BEW
Part No.		30350320/ 30350321	30364229/ 30364228	30370027/ 30370028	30373826/ 30373827
Mercury	Mariner		2004	2005	2006
Mercury	Mariner HEV		2004	2005	2006
Mercury	Montego		2004	2005	2006
Mercury	Monterey		2004	2005	2006

---

**From:** Griffin, Golon (G.R.)  
**Sent:** Friday, September 24, 2010 3:37 PM  
**To:** Kreiger, Erik (E.); Sutherland, Roy (R.W.)  
**Cc:** Spadoni, Stefano (S.)  
**Subject:** RE: Harness Drawing

Erik or Roy,

Can you answer the question below for my Connector Engineer?

Thanks,

G. Griffin

---

**From:** Spadoni, Stefano (S.)  
**Sent:** Friday, September 24, 2010 2:21 PM  
**To:** Griffin, Golon (G.R.); Leece, Gregory (G.D.)  
**Cc:** Stroven, Jeffrey (J.J.); Takada, Shinya (ST.)  
**Subject:** RE: Harness Drawing

Golon,

Which connector are we talking about the FCI squib or the inline Tyco to replace?

S. Spadoni

---

**From:** Griffin, Golon (G.R.)  
**Sent:** Friday, September 24, 2010 10:44 AM  
**To:** Spadoni, Stefano (S.); Leece, Gregory (G.D.)  
**Cc:** Stroven, Jeffrey (J.J.); Takada, Shinya (ST.)  
**Subject:** FW: Harness Drawing

Hello Guys,

I was invited to a meeting yesterday at noon regarding a FCI Air Bag Connector that is Failing on the F-Series. The Air bags are deploying unexpectedly and causing Warranty issues. The Program team will mostlikely need to issue a Re-Call on our Trucks and the problem will be escalated by the News and Media.

The Team is looking for a quick Solution and is having FCI look for Alternative parts to use in their library, but at the same time I would like our team to look for a Alternative part out of our SCT list to replace this failing part. Please look at the Print attached below, and let me know what alternative part we can use from the SCT list. It doesn't necessarily need to be an FCI part?

Your urgent attention would be greatly appreciated for this matter...

Thanks,

***Golon Griffin***

***Ford Motor Company***

Connector Buyer, Bldg. #5

Electrical Purchasing

Ph# (313) 594-3648 - Fax# (313) 322-7521

Email: [ggriff41@ford.com](mailto:ggriff41@ford.com)

---

**From:** Sutherland, Roy (R.W.)

**Sent:** Thursday, September 23, 2010 1:57 PM  
**To:** Griffin, Golon (G.R.)  
**Subject:** Harness Drawing

Golon,

Here is the drawing that Methode used a couple years back.

Regards,

**Roy Sutherland Jr.**

Ford Core Clockspring, Steering Wheel Switch,  
Global Door Lock/Memory Set & Headlamp Switch D&R Engineer  
Email: rsutherl@ford.com  
Phone: 313-805-6905  
Bldg#5, Cube 1D009

<< File: 18046XA DCL A SIZE C.PDF >>

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**From:** Sutherland, Roy (R.W.)  
**Sent:** Friday, October 15, 2010 2:10 PM  
**To:** Beauregard, Danny (D.J.)  
**Subject:** RE: I.S. SK4L3T14B095AA URGENT  
**Importance:** High  
**Follow Up Flag:** Follow up  
**Flag Status:** Red  
**Attachments:** SK4L3T\_14B095\_AA.pdf

Danny,

Here is a copy of the instruction sheet that was released back in July. This document is also available in FordDoc.

Regards,

**Roy Sutherland Jr.**

Ford Core Clockspring, Steering Wheel Switch,  
Global Door Lock/Memory Set & Headlamp Switch D&R Engineer  
Email: [rsutherl@ford.com](mailto:rsutherl@ford.com)  
Phone: 313-805-6905  
Bldg#5, Cube 1D009

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**From:** Beauregard, Danny (D.J.)  
**Sent:** Friday, October 15, 2010 2:00 PM  
**To:** Sutherland, Roy (R.W.)  
**Subject:** FW: I.S. SK4L3T14B095AA URGENT  
**Importance:** High

Roy,  
Is there a instruction sheet created for the clock spring for service that I pulled a couple weeks back?

**Danny Beauregard (DBEAURE1)**

CD3, EN/FN, P150, P415 & P55X Switch Applications Engineer

Bldg. #5, Cube 1G028 Dearborn, MI

☎ Tel: (313) 805-6773

💻 [dbeaure1@ford.com](mailto:dbeaure1@ford.com)

---

**From:** Instruction Sheets [<mailto:isdept@creativedatainc.com>]  
**Sent:** Friday, October 15, 2010 12:47 PM  
**To:** Beauregard, Danny (D.J.)  
**Cc:** Jileen R. Kessler; Donovan, Pat (P.)  
**Subject:** FW: I.S. SK4L3T14B095AA URGENT  
**Importance:** High

Hello Danny,

How are you?

Instruction sheet SK4L3T14B095AA needs to be created. I have attached the information needed to create an instruction sheet.

Let me know if you have any questions. This is rather urgent since the Packager HLM can't ship the parts until the

2/25/2011

EA10-001.9 000380



sheet is completed and approved.

Best Regards

Louise McEvoy  
Creative Data, Inc.  
**(FCSD Packaging Engineering)**  
45570 Maben Rd.  
Canton, MI 48187  
Ph. 734.453.3132  
Fax. 734.453.3236  
[is@creativedatainc.com](mailto:is@creativedatainc.com)

----- Forwarded Message

**From:** Milt Zavsza <[mzavsza@ford.com](mailto:mzavsza@ford.com)>  
**Date:** Fri, 15 Oct 2010 09:26:58 -0400  
**To:** Instruction Sheets <[isdept@creativedatainc.com](mailto:isdept@creativedatainc.com)>  
**Subject:** RE: I.S. SK4L3T14B095AA URGENT

Hi Louise

The engineer contact would be BEAUREGARD, DANNY J. Phone: 313-805-6773 [DBEAURE1@ford.com](mailto:DBEAURE1@ford.com)

Regards

**Milt Zavsza**  
Product Analyst  
Body Interior, Exterior trim and Electrical Team  
Car Interior Consoles and Truck Electrical  
FCSD-Regent Court Bldg.  
16800 EXECUTIVE PL DR.  
Dearborn, MI 48126  
Cube # 3N262  
[mzavsza@ford.com](mailto:mzavsza@ford.com)  
1-313-390-7156  
Fax# 1-313-337-3167

---

**From:** Instruction Sheets [<mailto:isdept@creativedatainc.com>]  
**Sent:** Friday, October 15, 2010 8:23 AM  
**To:** Zavsza, Milton (M.)  
**Cc:** Jileen R. Kessler  
**Subject:** Re: I.S. SK4L3T14B095AA URGENT  
**Importance:** High

Hello Milt,  
How are you?  
Can you please send me the email of the person responsible for SK4L3T14B095AA instruction sheet.  
I have attached the screen shot of the BOM.

HLM needs to package the instruction sheet asap.  
Thank you

Best Regards

Louise McEvoy

2/25/2011

Creative Data, Inc.  
(FCSD Packaging Engineering)  
45570 Maben Rd.  
Canton, MI 48187  
Ph. 734.453.3132  
Fax. 734.453.3236  
[is@creativedatainc.com](mailto:is@creativedatainc.com)

On 10/14/10 4:00 PM, "Jileen R. Kessler" <[jkessler@hlgllc.com](mailto:jkessler@hlgllc.com)> wrote:

The kit is 4L3Z14B095A

Regards,  
Jil Kessler  
Material Planner/Buyer  
Hollingsworth Logistics (Q9XYL)  
P) 313-768-1280  
F) 734-468-0224  
E) [jkessler@hlgllc.com](mailto:jkessler@hlgllc.com)

**From:** Instruction Sheets [<mailto:isdept@creativedatainc.com>]  
**Sent:** Thursday, October 14, 2010 2:07 PM  
**To:** Jileen R. Kessler  
**Subject:** Re: I.S. SK4L3T14B095AA  
**Importance:** High

Thank you, no that is an engineering drawing. Please send me the service part number so I can contact the engineer.

On 10/14/10 1:46 PM, "Jileen R. Kessler" <[jkessler@hlgllc.com](mailto:jkessler@hlgllc.com)> wrote:  
Here is what I got off docman

Regards,  
Jil Kessler  
Material Planner/Buyer  
Hollingsworth Logistics (Q9XYL)  
P) 313-768-1280  
F) 734-468-0224  
E) [jkessler@hlgllc.com](mailto:jkessler@hlgllc.com)

**From:** Instruction Sheets [<mailto:isdept@creativedatainc.com>]  
**Sent:** Thursday, October 14, 2010 1:42 PM  
**To:** Jileen R. Kessler  
**Subject:** Re: I.S. SK4L3T14B095AA  
**Importance:** High

Hi Jil,  
It has never been created. Can you please send me what you downloaded.

Best Regards

2/25/2011

EA10-001.9 000382

Louise McEvoy  
Creative Data, Inc.  
**(FCSD Packaging Engineering)**  
45570 Maben Rd.  
Canton, MI 48187  
Ph. 734.453.3132  
Fax. 734.453.3236  
[is@creativedatainc.com](mailto:is@creativedatainc.com)

On 10/14/10 12:59 PM, "Jileen R. Kessler" <[jkessler@hlgllc.com](mailto:jkessler@hlgllc.com)> wrote:

Hello Louise,

I'm not seeing this one on the website....do you have it yet?

SK4L3T14B095AA

Regards,  
Jil Kessler  
Material Planner/Buyer  
Hollingsworth Logistics (Q9XYL)  
P) 313-768-1280  
F) 734-468-0224  
E) [jkessler@hlgllc.com](mailto:jkessler@hlgllc.com) <<mailto:jkessler@hlgllc.com>>

----- End of Forwarded Message

QTY	PART NO.	PART NAME
1	SK4L3T-14B095-AA	WIR ASY DRV AIR BAG(SKETCH-Instruction Sheet)

INSTRUCTION SHEET  
CERTAIN 2004 THROUGH 2006 MODEL YEAR F-150 AND MARK LT (NON-HERITAGE) - DRIVERS CLOCKSPrING-TO-AIR BAGE HARNESS REPLACEMENT

OVERVIEW  
UNDER CERTAIN CONDITIONS, THE DRIVERS CLOCKSPrING-TO-AIR BAGE HARNESS MAY BECOME CHAFFED AND INADVERTENTLY CASUE THE AIR BAG TO DEPLOY.  
THIS PROGRAM INVOLVES REPLACING THE CLOCKSPrING-TO-AIR BAG HARNESS WITH A REVISED JUMPER HARNESS.

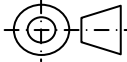

- SERVICE PROCEDURE
- 1) REMOVE THE DRIVERS AIRBAG. FOR ADDITIONAL INFORMATION, REFER TO THE APPROPRIATE WSM, SECTION 501-20B.
- 2) RELEASE THE CLOCKSPrING-TO-AIR BAG HARNESS LOCK AND DISCONNECT THE HARNESS FROM THE CLOCKSPrING.
- 3) INSTALL THE NEW CLOCKSPrING-TO-AIR BAG JUMPER HARNESS USING THE FOLLOWING SEQUENCE:
- 1. CONNECT THE HARNESS TO THE CLOCKSPrING.
  - 2. MAKE SURE THAT THE LOCK AT THE CLOCKSPrING IS SEATED.
  - 3. CONNECT THE HARNESS TO THE AIR BAG.
4. INSTALL THE DRIVERS AIR BAG. FOR ADDITIONAL INFORMATION, REFERTO THE APPROPRIATE WSB, SECTION 501-20B.

CORROSION PROTECTION FOR SERVICE PARTS MUST COMPLY WITH FORD CUSTOMER SERVICE DIVISION (FCSD)  
PACKAGING AND SHIPPING GUIDE.

FOR CURRENT RELEASE STATUS SEE THE WERS ENGINEERING NOTICE.

CHANGES TO DESIGN, COMPOSITION OR PROCESSING OF THE PART PREVIOUSLY APPROVED FOR PRODUCTION REQUIRE  
PRIOR APPROVAL FROM FORD MOTOR COMPANY PRODUCT ENGINEERING. REFER TO ISO/TS 16949.

LTRS	REVISIONS			
ORIGINATOR	CHECKER	ENG APP	MATL APP	
RELEASED				
AE00 I 12368048 000		20100803		
RSUTHERL	RSUTHERL	RSUTHERL		

REFERENCE				
PART MUST COMPLY WITH RESTRICTED SUBSTANCE MANAGEMENT STANDARD WSS-M99P9999-A1 TO SAFEGUARD HEALTH, SAFETY AND THE ENVIRONMENT				
DRAFTED IN ACCORDANCE WITH FORD MOTOR COMPANY ENGINEERING CAD AND DRAFTING STANDARDS VERSION 21			 3RD ANGLE PROJ DIMENSIONS ARE IN MILLIMETERS	
CAD TYPE X-OTHER	CAD LOC. TCe	CAD FILE SK4L3T-14B095-A-DWG-01	<div>DTMC</div> <div>IS MASTER</div>	
OPER NO.	UNIT	DRAWING SK4L3T-14B095-AA		
DESIGN RSUTHERL	DETAIL RSUTHERL	TITLE WIR ASY DRV AIR BAG (SKETCH)		SHT OF
CHECKED RSUTHERL	SAFETY			
SCALE	DATE 20100726	DIVISION PLANT		
<div> FORD MOTOR COMPANY</div>				

---

**From:** Prescott, Amanda (A.B.)  
**Sent:** Thursday, August 12, 2010 2:25 PM  
**To:** Sutherland, Roy (R.W.)  
**Cc:** Kreiger, Erik (E.)  
**Subject:** RE: Jumper harness release

Thanks for the update.

---

**From:** Sutherland, Roy (R.W.)  
**Sent:** Thursday, August 12, 2010 1:39 PM  
**To:** Prescott, Amanda (A.B.)  
**Cc:** Kreiger, Erik (E.)  
**Subject:** RE: Jumper harness release

Amanda,

The Wers is almost done. Drawings have been completed and submitted into TCE/FordDoc and the WACTS table is just waiting for the release analyst to move the notice from "A" to "C"-complete status. I believe this should happen either later today or tomorrow. Once that is done, then my part of the notice process is finished.

Regards,

**Roy Sutherland Jr.**

Ford Core Clockspring, Steering Wheel Switch,  
Global Door Lock/Memory Set & Headlamp Switch D&R Engineer  
Email: [rsutherl@ford.com](mailto:rsutherl@ford.com)  
Phone: 313-805-6905  
Bldg#5, Cube 1D009

---

**From:** Prescott, Amanda (A.B.)  
**Sent:** Thursday, August 12, 2010 1:21 PM  
**To:** Sutherland, Roy (R.W.)  
**Cc:** Kreiger, Erik (E.)  
**Subject:** Jumper harness release

Roy,  
What is the status of the WERS notice for the jumper harness?

**Amanda Prescott**  
Automotive Safety Office  
Senior Research Engineer  
313-845-7295  
Fairlane Plaza South-Suite 500

---

**From:** Rivera, Santos (S.)  
**Sent:** Monday, June 28, 2010 1:46 PM  
**To:** Welch, Sharon (S.L.)  
**Subject:** RE: Labor Time for 10X11 Airbag

Sharon,

The actual time came to be 0.5 hrs for a saving of 0.1 hrs

Santos Rivera  
Service Labor Time Standards  
Ford Consumer Services Group  
Tel 313-84-55122 Fax 313-390-8727  
srivera5@ford.com

\*\*\* Confidentiality Statement \*\*\*

This e-mail is intended only for the use of the individual or entity to which it is addressed and may contain information that is privileged and confidential. If the reader of this message is not the intended recipient, please notify the sender immediately by replying to this message and then delete it from your system. Any review, dissemination, distribution, or reproduction of this message by unintended recipients is strictly prohibited and may be subject to legal restriction.  
Thank you for your cooperation.  
\*\*\*\*\*

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**From:** Welch, Sharon (S.L.)  
**Sent:** Monday, June 28, 2010 11:33 AM  
**To:** 'tim.crain@spx.com'; Rivera, Santos (S.); Lee.Wilson@vftis.spx.com  
**Cc:** Lang, Gary (G.C.); Bazil, Tom (Thomas E.); Welch, Sharon (S.L.)  
**Subject:** Labor Time for 10X11 Airbag  
**Importance:** High

Based on our labor time process review the other day, I believe you have everything you need to actually create the labor time. The labor time for this program was discussed in the FRC today during the portion where we talk about open NHTSA investigations. Currently we are carrying a labor time of .6 as an estimate. There was a discussion around needing to lower the cost and the time to replace the jumper harness. Can you please "work up" what the official time will be and get back to me as soon as you can? This question is coming from Mike Berardi.

*Sharon Welch*

Program Manager  
Recall & Service Programs  
DSC II 803  
Phone (313) 33-72791

---

**From:** Sutherland, Roy (R.W.)  
**Sent:** Friday, June 25, 2010 10:34 AM  
**To:** Culkeen, Patrick (P.M.)  
**Subject:** RE: Material Specification for Sofanou Nugaurd

**Follow Up Flag:** Follow up  
**Flag Status:** Red

Pat,  
Thank you for the information, but this is not to correct material. I would need the Sofanou Nugaurd NGDP-S. I have not contacted them, but I guess I will have to since Federal Mogul is not giving the support I expected.

Regards,

**Roy Sutherland Jr.**

Ford Core Clockspring, Steering Wheel Switch,  
Global Door Lock/Memory Set & Headlamp Switch D&R Engineer  
Email: rsutherl@ford.com  
Phone: 313-805-6905  
Bldg#5, Cube 1D009

---

**From:** Culkeen, Patrick (P.M.)  
**Sent:** Thursday, June 24, 2010 10:31 AM  
**To:** Sutherland, Roy (R.W.)  
**Subject:** Material Specification for Sofanou Nugaurd

Roy,

I was poking around and found this that might help with specifcaitons:

<< File: nu-guard-g.pdf >>

*Patrick M. Culkeen*

**Ford Motor Company**

Automotive Safety Office  
External Safety Investigations  
Fairlane Plaza South, Suite 500  
330 Town Center Drive  
Dearborn, MI 48126-2738 USA  
W: (313) 594-4792  
F: (313) 594-2268

---

**From:** Sutherland, Roy (R.W.)  
**Sent:** Thursday, July 22, 2010 7:46 AM  
**To:** Shammami, Blend (.)  
**Cc:** Matevosyan, Natalie (N.)  
**Subject:** RE: Migration

**Follow Up Flag:** Follow up  
**Flag Status:** Red

**Attachments:** Clock-Spring-SW.jpg

Blend,

Yes, please. From the yellow connector at the base to the two green & yellow squib/airbag connectors. If you are able to get it separated, can you also manipulate it to change the wire position? Please let me know and I can come to your desk to show how it would look in vehicle.

Thank you,

**Roy Sutherland Jr.**

Ford Core Clockspring, Steering Wheel Switch,  
Global Door Lock/Memory Set & Headlamp Switch D&R Engineer  
Email: [rsutherl@ford.com](mailto:rsutherl@ford.com)  
Phone: 313-805-6905  
Bldg#5, Cube 1D009



Clock-Spring-SW.jpg  
(194 KB)

---

**From:** Shammami, Blend (.)  
**Sent:** Wednesday, July 21, 2010 5:40 PM  
**To:** Matevosyan, Natalie (N.); Sutherland, Roy (R.W.)  
**Subject:** RE: Migration

Let me understand this one correctly.

Do you want me to separate the harness (Selected parts) into a separate assembly? Please see the attached picture. Let me know again. Thanks.

<< File: Clock-Spring-SW.jpg >>

Best Regards,

***Blend Shammami***

C3P/C3PNG Specialist  
Harness Design  
Desk: (313) 322-6822  
Mobile: (248) 225-2161  
[bshammam@ford.com](mailto:bshammam@ford.com)

---

**From:** Matevosyan, Natalie (N.)  
**Sent:** Wednesday, July 21, 2010 5:21 PM  
**To:** Shammami, Blend (.); Sutherland, Roy (R.W.)  
**Subject:** RE: Migration



Thanks, Blend!

---

**From:** Shammami, Blend (.)  
**Sent:** Wednesday, July 21, 2010 12:28 PM  
**To:** Sutherland, Roy (R.W.); Matevosyan, Natalie (N.)  
**Subject:** FW: Migration

I will take a look at 4L2T-14A664-AA in teamcenter and find a way to deal with it. If this does not have a harness within then little can be done from the 3D side.

Best Regards,

*Blend Shammami*

C3P/C3PNG Specialist  
Harness Design  
Desk: (313) 322-6822  
Mobile: (248) 225-2161  
[bshammam@ford.com](mailto:bshammam@ford.com)

---

**From:** Hakim, Aliasgar (A.)  
**Sent:** Wednesday, July 21, 2010 10:36 AM  
**To:** Shammami, Blend (.)  
**Subject:** RE: Migration

Hi Blend

4L2T-14A664-AA - Moved to Tce

4L3T-14B095-BA - Could not find in Metaphase.

Regards

*Ali*

---

**From:** Shammami, Blend (.)  
**Sent:** Friday, July 16, 2010 2:59 PM  
**To:** Hakim, Aliasgar (A.)  
**Subject:** Migration

Ali,  
Could you please migrate the following to Teamcenter from Metaphase. Thanks.

4L2T-14A664-AA  
4L3T-14B095-BA

Best Regards,

*Blend Shammami*

C3P/C3PNG Specialist  
Harness Design  
Desk: (313) 322-6822  
Mobile: (248) 225-2161  
[bshammam@ford.com](mailto:bshammam@ford.com)

Enter Item ID 4L2T-14A664-A2-CONTACT ASSEMBLY - AIRBAG SLIDING (view) - Latest Working - Date - "Now"

## QuickCustomize

- Home
- My Worklist
- My Saved Search
- My Links

## Open Items

- PRGCD258/1-D258
- PRGC520/94-PRC
- 4L2T-14A664-A2

## History

- 4L2T-14A664-A2
- PRGCD258/1-D258
- PRGC520/94-PRC
- DSO3850606C
- PHD3851602C

## Favorite Organize

- Getting Started
- My Teamcenter
- PSE
- Integration for...

## Schedule Ma...

## CAE SE

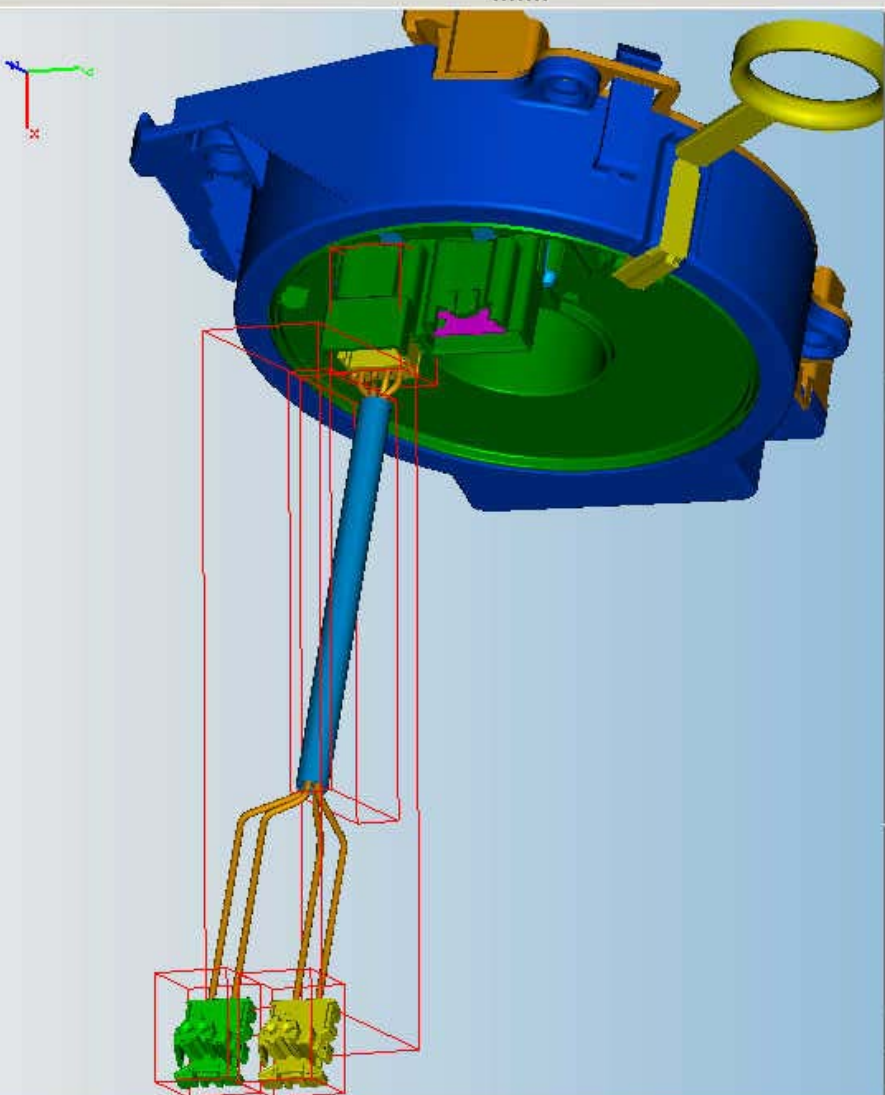
## Validation

## StructureMap ...

Getting Started My Teamcenter PSE X

## BOM Line

4L2T-14A664-A2-CONTACT ASSEMBLY - AIRBAG SLIDING	1
112T-14A664-A_PIA23/4-CANCEL CAM	14808
112T-14A664-A_PIA23/3-CONNECTOR	15109
112T-14A664-A_PIA22/13-COVER	14798
112T-14A664-A_PIA24/12-EXTERNAL LOCK	14805
112T-14A664-A_PIA20/10-HOUSING	14797
112T-14A664-A_PIA21/10-HUB	14794
112T-14A664-A_PIA25/10-1.D. CIRCUIT BOARD	14803
112T-14A664-A_PIA26/2-1.D. INSERT	14804
112T-14A664-A_PIA27/7-O.D. CIRCUIT BOARD	14801
112T-14A664-A_PIA28/3-O.D. INSERT	14802
211T-14A664-A_PIA09/1-CONNECTOR-SQUIB	15791
211T-14A664-A_PIA06/2-WIRE - CONTACT ASSEMBLY	
211T-14A664-A_PIA07/1-PVC TUBE - CONTACT ASSEMBLY	
211T-14A664-A_PIA10/1-CONNECTOR-SQUIB	15792
212T-14A644-A_PIA01/1-CONNECTOR	16593



## Variants

## Viewer

## References

## Supersedure

## Attachments

## Incremental Change Info

IC Edit Context: No IC context

---

**From:** Culkeen, Patrick (P.M.)  
**Sent:** Monday, December 20, 2010 12:23 PM  
**To:** Prescott, Amanda (A.B.)  
**Subject:** RE: misc

Amanda,

For the latest round of questions:

- Wiring harness from the RCM to Clockspring (14401) - I'm working on identifying a PD contact who can assist with generating a change log. You can imagine the 14401 is the largest wiring harness in the vehicle, so going through changes to identify any revisions on the pigtail that goes up the steering column will take some time, but we'll get the ball rolling.
- As for the RCM, I talked w/Bill Pappas this morning and you are correct - no substantive revisions in the RCM that pertains to the alleged defect. That required a hardware change in the ASIC (application specific integrated circuit).

That's it for now, I'll keep ya' posted on developments as they occur. Have fun getting "plastered".

*Patrick M. Culkeen*

**Ford Motor Company**

Automotive Safety Office  
External Safety Investigations  
Fairlane Plaza South, Suite 500  
330 Town Center Drive  
Dearborn, MI 48126-2738 USA  
W: (313) 594-4792  
F: (313) 594-2268

---

**From:** Prescott, Amanda (A.B.)  
**Sent:** Thursday, December 16, 2010 3:10 PM  
**To:** Culkeen, Patrick (P.M.)  
**Subject:** misc

Pat,  
If you need anything next week just call me on my cell or at home 734-369-4356. I took a look at the new questions and my first instinct is to respond "no" to all the items in the 1st question. However, it's probably the best course to go ahead and get the change logs.

I hope you had a good weekend with the in-laws and I hope you have a quiet week before christmas. Please don't hesitate to call if you want to talk anything over, I'll just be spackling and painting :).

Amanda Prescott  
Automotive Safety Office  
Senior Research Engineer  
313-845-7295  
Fairlane Plaza South-Suite 500

---

**From:** Himes, Bill (B.L.)  
**Sent:** Tuesday, July 13, 2010 2:37 PM  
**To:** Marshall, Michael (M.E.)  
**Cc:** Sutherland, Roy (R.W.); Beauregard, Danny (D.J.); Mathews, Jacob (J.)  
**Subject:** RE: P221 service jumper  
**Signed By:** There are problems with the signature. Click the signature button for details.  
**Follow Up Flag:** Follow up  
**Flag Status:** Red  
[Mike: Please handle.](#)

---

**From:** Beauregard, Danny (D.J.)  
**Sent:** Tuesday, July 13, 2010 2:07 PM  
**To:** Beauregard, Danny (D.J.); Himes, Bill (B.L.); Mathews, Jacob (J.)  
**Cc:** Sutherland, Roy (R.W.)  
**Subject:** RE: P221 service jumper

Bill & Jacob,  
How do we get this concern approved?

**Danny Beauregard (DBEAURE1)**  
CD3, EN/FN, P150 & P415 Switch Applications Engineer  
Bldg. #5, Cube 1G028 Dearborn, MI  
☎ Tel: (313) 805-6773  
💻 [dbeaure1@ford.com](mailto:dbeaure1@ford.com)

---

**From:** Beauregard, Danny (D.J.)  
**Sent:** Thursday, July 01, 2010 3:02 PM  
**To:** Himes, Bill (B.L.); Mathews, Jacob (J.)  
**Cc:** Sutherland, Roy (R.W.)  
**Subject:** P221 service jumper

Bill & Jacob,  
I have a concern for service(C12368048). How does this get approved?

**Danny Beauregard (DBEAURE1)**  
CD3, EN/FN, P150 & P415 Switch Applications Engineer  
Bldg. #5, Cube 1G028 Dearborn, MI  
☎ Tel: (313) 805-6773  
💻 [dbeaure1@ford.com](mailto:dbeaure1@ford.com)  
<< OLE Object: Picture (Enhanced Metafile) >>

---

**From:** Fronckowiak, Todd (T.M.)  
**Sent:** Tuesday, May 11, 2010 6:01 PM  
**To:** Prescott, Amanda (A.B.)  
**Subject:** RE: paper

Thanks Amanda!

I'll be at FPS in the morning and would like to get a Transit Connect update as well. Take care.

*Best Regards,*

***Todd Fronckowiak***

*Manager, Government Investigations & Design Analysis Engineering Dept.*

*Automotive Safety Office*

*Ford Motor Company*

*Phone: (313) 337-6777 | Cell: (734) 837-9409*

---

**From:** Prescott, Amanda (A.B.)  
**Sent:** Tuesday, May 11, 2010 4:07 PM  
**To:** Fronckowiak, Todd (T.M.)  
**Subject:** paper

Todd,

I think good progress has been made on Pat's paper. There is one section at the beginning of Q13 that seems a bit rough still. I know you'll take a look and adjust as necessary, just wanted to give you a heads up.

Amanda

**Amanda Prescott**  
Automotive Safety Office  
Senior Research Engineer  
313-845-7295  
Fairlane Plaza South-Suite 500

---

**From:** Chasca, Jim (JRCII.)  
**Sent:** Wednesday, June 02, 2010 1:18 PM  
**To:** Sutherland, Roy (R.W.)  
**Subject:** RE: Phone Call

**Follow Up Flag:** Follow up  
**Flag Status:** Red

Thanks!

Jim Chasca  
Design and Release Supervisor  
Global Technical Specialist  
Steering Wheel, Driver Airbag and Inflator Design  
313-805-5896

---

**From:** Sutherland, Roy (R.W.)  
**Sent:** Wednesday, June 02, 2010 1:07 PM  
**To:** Chasca, Jim (JRCII.)  
**Subject:** Phone Call

Jim,  
Concern C11879049/AE00-E-11879049-000 was used to change the standard PVC tubing to Bentley Harris sleeve to protect AB wires from the horn bracket.  
If you need any additional information, please let me know.

Regards,  
**Roy Sutherland Jr.**  
Ford Core Clockspring, Steering Wheel Switch,  
Global Door Lock/Memory Set & Headlamp Switch D&R Engineer  
Email: rsutherl@ford.com  
Phone: 313-805-6905  
Bldg#5, Cube 1D009

---

**From:** Greg.Hamman@Autoliv.com  
**Sent:** Wednesday, April 14, 2010 3:46 PM  
**To:** Culkeen, Patrick (P.M.)  
**Cc:** Dean, Michael (M.J.); Chascsa, Jim (JRCII.); Russ.Gans@autoliv.com  
**Subject:** Re: Photo's and part numbers

**Attachments:** Autoliv Ford DAB.xls



Autoliv Ford  
DAB.xls

(See attached file: Autoliv Ford DAB.xls)

Best regards...Greg

Greg Hamman  
Development Engineer  
Autoliv North America  
Auburn Hills, MI USA  
Phone +1 (248) 705-4872

"Chascsa, Jim  
(JRCII.)"  
<jchascsa@ford.co To  
m> <Russ.Gans@autoliv.com>, "Greg  
Hamman" <Greg.Hamman@Autoliv.com>  
04/14/2010 02:10 cc  
PM "Culkeen, Patrick (P.M.)"  
<pculkeen@ford.com>, "Dean, Michael  
(M.J.)" <mdean6@ford.com>  
Subject  
Photo's and part numbers

Team,

Good afternoon, how are you?

Thank you for your assistance in gathering the part numbers and photos for the driver airbag modules. When you get all the data, will you please forward directly to Patrick Culkeen, he's our ASO team rep. His email is pculkeen@ford.com.

Jim Chascsa  
Design and Release Supervisor  
Global Technical Specialist  
Steering Wheel, Driver Airbag and Inflator Design  
313-805-5896

\*\*\*\*\*

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**MY05 U204/J14 ISWAB**  
**MY05.5 U364**  
**MY06 U293/U364 HEV**

**Base Part Number**

**Platform (Plant)**

4C24-15043B13-AFW	2004 VN127 (Lorain)
4C24-15043B13-BGW	2004 VN127 (Lorain)

**MY05 U204/J14 ISWAB**  
**MY05.5 U364**  
**MY06 U293/U364 HEV**

Base Part Number	Platform (Plant)
5L84-78043B13-GBW 00 FORD BASE	2005 U204 (KCAP/OHAP)
5L84-78043B13-HBW 01 FORD S/C	2005 U204 (KCAP/OHAP)
5M64-78043B13-ABW 00 FORD S/C, HEV	2005 U293 HEV (KCAP)
5L84-78043B13-KBW 01 FORD L/W, S/C	2005 U204 (KCAP/OHAP)
5M64-78043B13-BBW 00 FORD L/W, S/C, HEV	2005 U293 HEV (KCAP)
6L84-78043B13-MAW 00 FORD BASE W/DAMPER	2005 U204 (KCAP/OHAP)
6L84-78043B13-NAW 00 FORD S/C, W/DAMPER	2005 U204 (KCAP/OHAP)
6L84-78043B13-PAW 00 FORD L/W, S/C, W/DAMPER	2005 U204 (KCAP/OHAP)
6E64-780483B13-ABW 00 2005 MERCURY U364 STEERING WHEEL W/DAMPER	2005.5 U364 (OHAP)
5E64-780483B13-BBW 01 2005 MERCURY U364 STEER WHEEL	2005.5 U364 (OHAP)
6M64-78043B13-BCW 02 HEV L/W S/C	2006 U293 HEV (KCAP)
6M64-78043B13-ACW 02 HEV, S/C	2006 U293 HEV (KCAP)
6M64-780483B13-CAW 00 MY06 U364 HEV S/C L/W	2006 U364 HEV (KCAP)

**MY05 U204/J14 ISWAB**  
**MY05.5 U364**  
**MY06 U293/U364 HEV**

<b>Base Part Number</b>	<b>Platform (Plant)</b>
4F23-3F824-BKW	2004 V229 (OAP)
4F23-3F824-CPW	2004 V229 (OAP)
4F23-3F824-DPW	2004 V229 (OAP)
4F23-3F824-EHW	2004 V229 (OAP)
5F23-3F824-AGW	2005 V229 (OAP)
5F23-3F824-BGW	2005 V229 (OAP)
5F23-3F824-CDW	2005 V229 (OAP)
5F23-3F824-DGW	2005 V229 (OAP)
5F23-3F824-EGW	2005 V229 (OAP)
5F23-3F824-FGW	2005 V229 (OAP)
5F23-3F824-GGW	2005 V229 (OAP)
6F23-3F824-FCW	2006 V229 (OAP)

MY05 U204/J14 ISWAB  
MY05.5 U364  
MY06 U293/U364 HEV

Base Part Number	Platform (Plant)
5F93-74043B13-ARW	2005 D219/D258(CAP)
5F93-74043B13-BRW	2005 D219/D258(CAP)
5T53-74043B13-ARW	2005 D333 (CAP)
6F93-74043B13-AEW	2006 D219/D258 (CAP)
6F93-74043B13-BEW	2006 D219/D258 (CAP)
6T53-74043B13-AFW	2006 D333 (CAP)

---

**From:** Greg.Hamman@Autoliv.com  
**Sent:** Thursday, April 15, 2010 1:37 PM  
**To:** Culkeen, Patrick (P.M.)  
**Cc:** Dean, Michael (M.J.); Chascsa, Jim (JRCII.); Russ.Gans@autoliv.com  
**Subject:** Re: Photo's and part numbers

**Attachments:** U204.jpg; V229.jpg



U204.jpg



V229.jpg

Attached please find improved photographs of the U204 and V229 WAB inflator (WAB disassembled).

(See attached file: U204.jpg)(See attached file: V229.jpg)

Best regards...Greg

Greg Hamman  
Development Engineer  
Autoliv North America  
Auburn Hills, MI USA  
Phone +1 (248) 705-4872

"Chascsa, Jim  
(JRCII.)"  
<jchascsa@ford.com> To  
m> <Russ.Gans@autoliv.com>, "Greg  
Hamman" <Greg.Hamman@Autoliv.com>  
04/14/2010 02:10 cc  
PM "Culkeen, Patrick (P.M.)"  
<pculkeen@ford.com>, "Dean, Michael  
(M.J.)" <mdean6@ford.com>  
Subject  
Photo's and part numbers

Team,

Good afternoon, how are you?

Thank you for your assistance in gathering the part numbers and photos for the driver airbag modules. When you get all the data, will you please forward directly to Patrick Culkeen, he's our ASO team rep. His email is pculkeen@ford.com.

Jim Chascsa  
Design and Release Supervisor  
Global Technical Specialist  
Steering Wheel, Driver Airbag and Inflator Design  
313-805-5896

\*\*\*\*\*

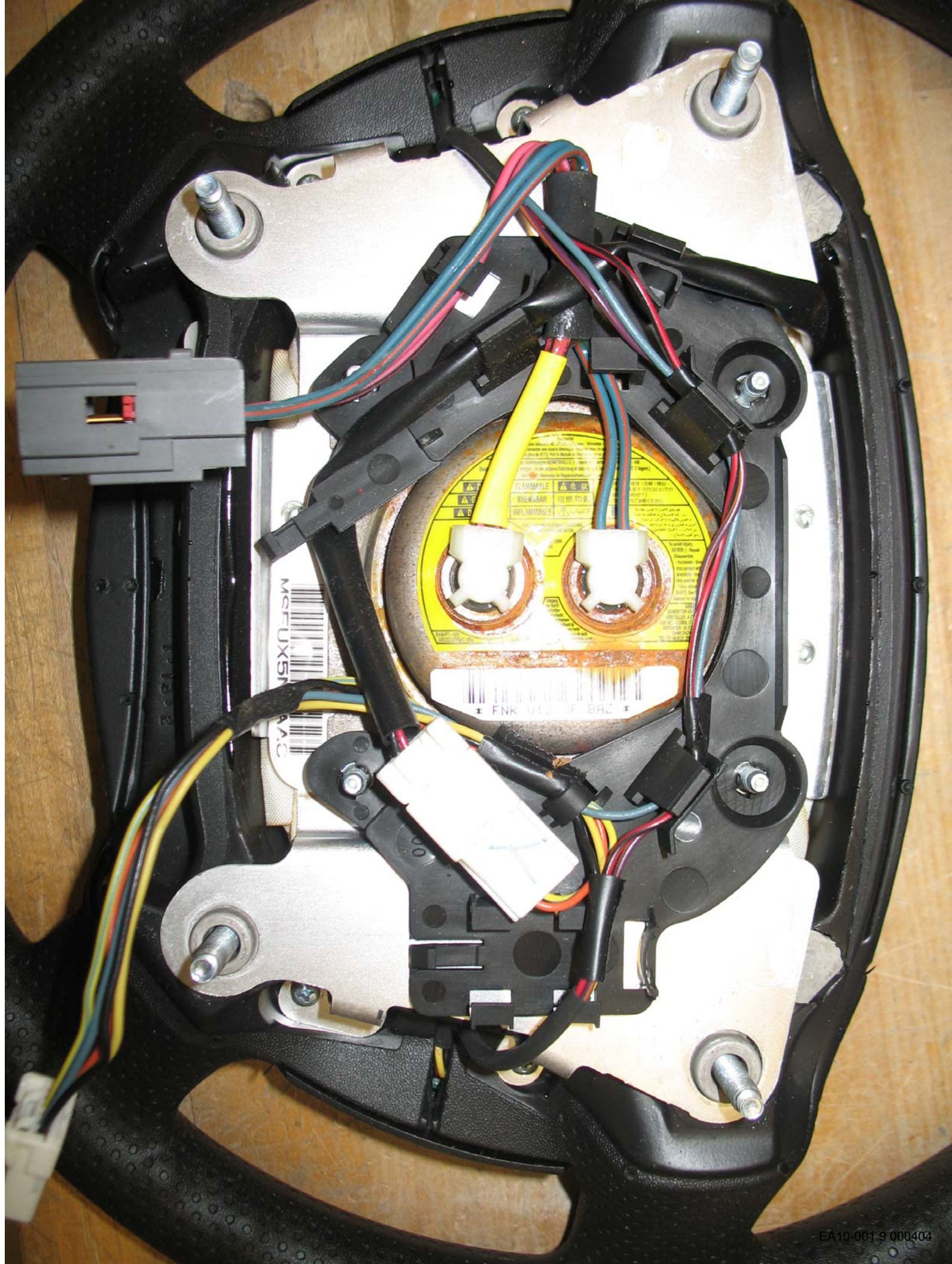
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---

**From:** Russ.Gans@autoliv.com  
**Sent:** Wednesday, April 14, 2010 8:37 PM  
**To:** Culkeen, Patrick (P.M.)  
**Cc:** Chascsa, Jim (JRCII.); Dean, Michael (M.J.); Greg.Hamman@Autoliv.com  
**Subject:** Re: Photo's and part numbers

**Follow Up Flag:** Follow up  
**Flag Status:** Red

**Attachments:** DAB module pictures past production 4-14-10.pdf.zip



DAB module  
pictures past produ..

Here's the pictures I could get you quickly. The U204 is actually of a Mazda Tribute, but the back of the module is essentially the same. V229 and U204 went through Heat Age testing. If you want something fresh I can get from Utah

(See attached file: DAB module pictures past production 4-14-10.pdf.zip)

Russ Gans  
Office 248-475-0441

Greg  
Hamman/ATC/ASP

To  
04/14/2010 03:45 PM "Culkeen, Patrick (P.M.)"  
<pculkeen@ford.com>

cc  
"Dean, Michael (M.J.)"  
<mdean6@ford.com>, "Chascsa, Jim  
(JRCII.)" <jchascsa@ford.com>, Russ  
Gans/ATC/ASP@Autoliv  
Subject  
Re: Photo's and part numbers  
(Document link: Russ Gans)

Best regards...Greg

Greg Hamman  
Development Engineer  
Autoliv North America  
Auburn Hills, MI USA  
Phone +1 (248) 705-4872

"Chascsa, Jim  
(JRCII.)"  
<jchascsa@ford.co To  
m> <Russ.Gans@autoliv.com>, "Greg  
Hamman" <Greg.Hamman@Autoliv.com>  
04/14/2010 02:10 cc  
PM "Culkeen, Patrick (P.M.)"  
<pculkeen@ford.com>, "Dean, Michael  
(M.J.)" <mdean6@ford.com>  
Subject  
Photo's and part numbers

Team,

Good afternoon, how are you?

Thank you for your assistance in gathering the part numbers and photos for the driver airbag modules. When you get all the data, will you please forward directly to Patrick Culkeen, he's our ASO team rep. His email is [pculkeen@ford.com](mailto:pculkeen@ford.com).

Jim Chascsa  
Design and Release Supervisor  
Global Technical Specialist  
Steering Wheel, Driver Airbag and Inflator Design

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# Autoliv DAB Modules – MY 2004 - 2006





# Ford VN127 DAB MY04-06 Econoline – E-150/250/350



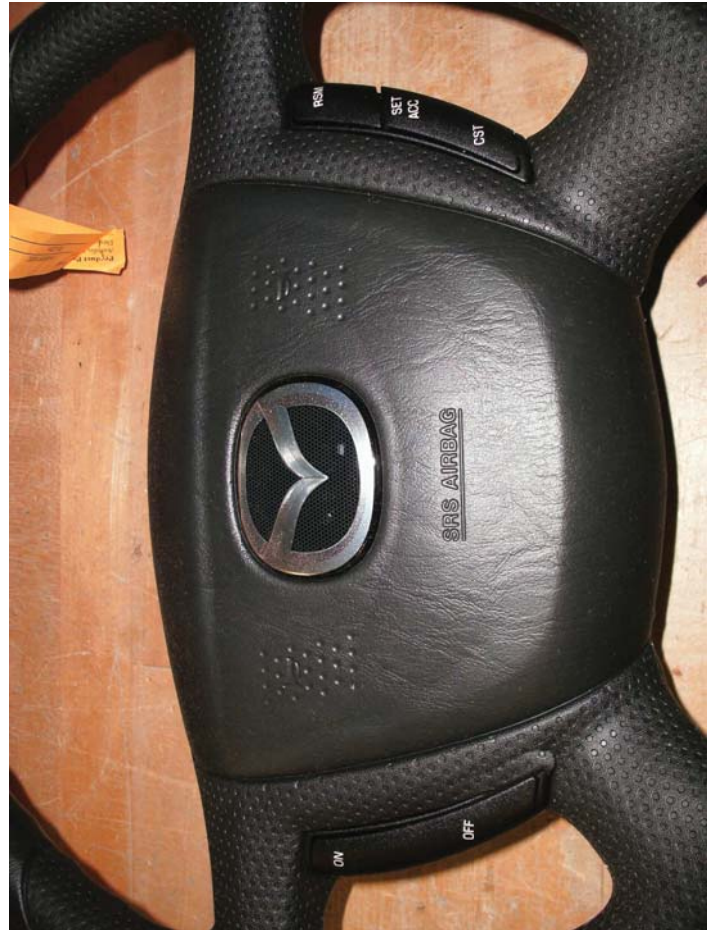


Ford D219/258/333 DAB  
MY04-06  
Ford Five Hundred /  
Ford Freestyle /  
Mercury Montego



# Ford V229 DAB MY04-06 Ford Freestar / Mercury Monterey





Ford U204 DAB MY04-06  
Ford Escape /  
Mercury Mariner /  
Mazda Tribute



---

**From:** Clement, Charles (C.A.)  
**Sent:** Thursday, April 22, 2010 1:48 PM  
**To:** Dean, Michael (M.J.); Chascsa, Jim (JRCII.)  
**Subject:** RE: Program lineage

**Please Confirm but this is what I remember:**

**95 ¼**

TRW Driver/Passenger Bags - IZUMI Steering Wheels

**Floating Air Bag**

UPN105/6

Ranger (PN105) / Mazda B-Series (PN106)

Explorer UN105/ Mazda Navaho (UN106)

TRW Driver / Passenger Air Bags – TRW Buys IZUMI

**96 UN150 (V8 Explorer Introduced)**

**97 UN150 Limited / Eddie Bauer** - Two Spoke Steering Wheel w/redundant controls  
Mylar Horn - Two Spoke

**98 UPN150 / 207**

Ranger (PN150)

Explorer (UN150)

Sport Track (P207)

**2002 U152 Explorer**

Mylar Horn

**2002 U152 J2 Explorer**

**2002 PN150 Ranger**

Air Bags System Switches to Takata Bags (confirm this)

Charles A. Clement

Safety Restraints Core Technical Lead

Contact Info: cclement@ford.com

Phone: 313-805-3402

Txt e-mail: 3138053402@messaging.sprintpcs.com

---

**From:** Dean, Michael (M.J.)

**Sent:** Thursday, April 22, 2010 12:06 PM

**To:** Clement, Charles (C.A.)

**Subject:** Program lineage

Hello Charles,

Hope that your day is going well.

I was told that you may be able to assist in understanding the program lineage on the Ranger / Explorer / Explorer Sport /

Explorer Sport Trac / Mountaineer?

I was told that it starts with:

1. UPN105 - which was the Explorer / Ranger sharing the same platform (not sure on MY's)

Then goes to

2. UPN150 - ????? Explorer / Ranger at MY ??

3. Which splits into U/P207 (????), U152 (Explorer), and P150 (Ranger) which I was told occurred at MY 2002?

Anyway, I have a assignment from Jim Chascsa to decode this.

Please review and advise.

Thanks!

Have a great day,  
"Teamwork Leads to Success!"  
Michael J. Dean  
Ford Restraints - SW/DAB D&R Eng  
C170/B299N/C346N  
PDC 1D-E27  
Ford Cell Ph : (313) 805-7890  
Email Addr : mdean6@ford.com

pls. visit [www.thefordstory.com](http://www.thefordstory.com)

---

**From:** Culkeen, Patrick (P.M.)  
**Sent:** Thursday, January 13, 2011 9:14 AM  
**To:** Kreiger, Erik (E.)  
**Subject:** RE: Quick Question

When you're off you call, pls call me.

*Patrick M. Culkeen*

**Ford Motor Company**

Automotive Safety Office  
External Safety Investigations  
Fairlane Plaza South, Suite 500  
330 Town Center Drive  
Dearborn, MI 48126-2738 USA  
W: (313) 594-4792  
F: (313) 594-2268

---

**From:** Kreiger, Erik (E.)  
**Sent:** Thursday, January 13, 2011 9:11 AM  
**To:** Culkeen, Patrick (P.M.)  
**Subject:** RE: Quick Question

We could have them within 10 business days for sale to dealers

**Erik M. Kreiger**

FSA Parts Specialist & Buyer

313-390-5972

Ford Explorer NAIAS Truck of the Year

Have you driven a Ford lately?

---

**From:** Culkeen, Patrick (P.M.)  
**Sent:** Thursday, January 13, 2011 9:10 AM  
**To:** Kreiger, Erik (E.)  
**Subject:** RE: Quick Question

I know you were on a call. I have a letter going to NHTSA tomorrow and Ray wants a date on when parts will be available for normal service. I have a meeting set up for tomorrow to discuss this but the urgency has increase within the past 24 hours.

*Patrick M. Culkeen*

**Ford Motor Company**

Automotive Safety Office  
External Safety Investigations  
Fairlane Plaza South, Suite 500  
330 Town Center Drive  
Dearborn, MI 48126-2738 USA  
W: (313) 594-4792



Traffic Cd:	79_	Abn. Cat. Date:		Obs. Effective Date:	
Abn. Cat:		AIMS Inventory:	0	Pkg. Spec Eff. Date:	11/17/10
PIPP SOD Cd:		Can. Volume Grp:	C	Pkg. Spec Iss. Date:	11/17/10
Can. Proc. Cd:	3	Prc. Prod. Line:	26ED	Svc. Disposition:	
Volume Group:	C	Mkt. Prod. Line:	013	Std. Part Locator:	
Rotate Ind:	N	Warranty Ind:	N	Warehouse Class:	1
Sell Pack:		Unit of Issue:	1	MR Ind:	N
Sell Pack Qty:	0	Pkg. Weight:	0.08	Reman:	N
Handling Cd:		Pkg. Weight UOM:	LB	DSTRBN Mult CD:	0
Replaced:	N	Serial Number:	2549215	DSTRBN Mult Qty:	12
To GCAT:	Y	Family Buy Cd:		Establish Date:	08/18/10

SMMPARFA                      Display Usage Translations                      01/10/11 09:47:55  
 ==> \_\_\_\_\_

ENG PART: 4L3T 14B095 AA \_\_\_\_\_ ORIGIN: WERS REGION: \_ USG STAT: \_  
 Eng Name: WIR ASY DRV AIR BAG(KIT) PT: \_ PTO: \_ VL: \_  
 Svc Part: 4L3Z- 14B095-A Replaces: N Is Replcd: N USG IND: \_  
 P In Out  
 t V1 Yr Yr Feature Descriptions                      Feature Descriptions  
 -----  
 B F6 04 06 P221/P397/P415

*Melanie Gumz  
 Maintenance and Light Repair Supervisor  
 Service Engineering Operations - Service Product Development  
 Ford Customer Service Division  
 Phone: (313) 84-54286 Fax: (313) 62-16526  
 In the office Mon/Tues/Thurs  
 Telecommute Fri  
 Job-Share Partner: Amy Lamb (alamb)*

---

**From:** Culkeen, Patrick (P.M.)  
**Sent:** Monday, January 10, 2011 9:40 AM  
**To:** Gumz, Melanie (M.)  
**Subject:** FW: Quick Question

Melanie,

FYI

*Patrick M. Culkeen*

**Ford Motor Company**  
 Automotive Safety Office  
 External Safety Investigations  
 Fairlane Plaza South, Suite 500  
 330 Town Center Drive  
 Dearborn, MI 48126-2738 USA  
 W: (313) 594-4792  
 F: (313) 594-2268

---

**From:** Kreiger, Erik (E.)  
**Sent:** Tuesday, January 04, 2011 8:03 AM  
**To:** Culkeen, Patrick (P.M.)  
**Subject:** RE: Quick Question

Here ya go:

SERVICE PART: 4L3Z- 14B095-A \_\_\_\_\_ WIRING ASY  
Motorcraft: \_\_\_\_\_ Prior State Part:  
ENGINEERING PART: 4L3T 14B095 AA \_\_\_\_\_ ORIGIN: WERS  
Sap Stage Code: MAS Replaced by Detail: N  
Lexicon: 11130 Max. Order Qty: 0 Acpt. Ord. Dte:  
03/01/11  
Direct Ship: Overpack Qty: 12 Obs. Pending Date:  
Ret Cat: 2.0 EXCP: N Pallet Qty: 1944 Obs. Notice Date:  
Traffic Cd: 79\_ Abn. Cat. Date: Obs. Effective Date:  
Abn. Cat: AIMS Inventory: 0 Pkg. Spec Eff. Date:  
11/17/10  
PIPP SOD Cd: Can. Volume Grp: C Pkg. Spec Iss. Date:  
11/17/10  
Can. Proc. Cd: 3 Prc. Prod. Line: 26ED Svc. Disposition:  
Volume Group: C Mkt. Prod. Line: 013 Std. Part Locator:  
  
Rotate Ind: N Warranty Ind: N Warehouse Class: 1  
Sell Pack: Unit of Issue: 1 MR Ind: N  
Sell Pack Qty: - 0 Pkg. Weight: 0.08 Reman: N  
Handling Cd: Pkg. Weight UOM: LB DSTRBN Mult CD: O  
Replaced: N Serial Number: 2549215 DSTRBN Mult Qty:  
12  
To GCAT: Y Family Buy Cd: Establish Date:  
08/18/10  
Tech Out Dte: 07/17/06 Harmonize Cd: Hvy. Trk. Cd: \_

### Erik M. Kreiger

FSA Parts Specialist & Buyer

313-390-5972

Have you driven a Ford lately?

2010 Fusion-Motor Trends Car Of The Year

---

**From:** Culkeen, Patrick (P.M.)  
**Sent:** Tuesday, January 04, 2011 7:58 AM  
**To:** Kreiger, Erik (E.)  
**Subject:** Quick Question  
**Importance:** High

Erik,

Do you have the final engineering and service part number for the F-150 clockspring jumper wire? We're working on having the part released for service.

*Patrick M. Culkeen*

### Ford Motor Company

Automotive Safety Office  
External Safety Investigations  
Fairlane Plaza South, Suite 500  
330 Town Center Drive  
Dearborn, MI 48126-2738 USA  
W: (313) 594-4792  
F: (313) 594-2268

---

**From:** Kreiger, Erik (E.)  
**Sent:** Thursday, January 13, 2011 9:37 AM  
**To:** Hartstang, Joe (J.K.)  
**Subject:** RE: Quick Question

Yes, they are doing a SSM. Program will probably go in Feb

**Erik M. Kreiger**

FSA Parts Specialist & Buyer  
313-390-5972  
Ford Explorer NAIAS Truck of the Year  
Have you driven a Ford lately?

---

**From:** Hartstang, Joe (J.K.)  
**Sent:** Thursday, January 13, 2011 9:34 AM  
**To:** Kreiger, Erik (E.)  
**Subject:** RE: Quick Question

Does "normal service" mean if there was no program?

*Joe Hartstang*

**Supply Chain Manager**  
**Parts Supply & Logistics**  
**Ford Customer Service Division**  
**Phone (313) 390-7604**

---

**From:** Kreiger, Erik (E.)  
**Sent:** Thursday, January 13, 2011 9:11 AM  
**To:** Hartstang, Joe (J.K.)  
**Subject:** FW: Quick Question

**Erik M. Kreiger**

FSA Parts Specialist & Buyer  
313-390-5972  
Ford Explorer NAIAS Truck of the Year  
Have you driven a Ford lately?

**From:** Culkeen, Patrick (P.M.)  
**Sent:** Thursday, January 13, 2011 9:10 AM  
**To:** Kreiger, Erik (E.)  
**Subject:** RE: Quick Question

I know you were on a call. I have a letter going to NHTSA tomorrow and Ray wants a date on when parts will be available for normal service. I have a meeting set up for tomorrow to discuss this but the urgency has increase within the past 24 hours.

*Patrick M. Culkeen*

**Ford Motor Company**

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330 Town Center Drive  
Dearborn, MI 48126-2738 USA  
W: (313) 594-4792  
F: (313) 594-2268

---

**From:** Kreiger, Erik (E.)  
**Sent:** Thursday, January 13, 2011 9:08 AM  
**To:** Culkeen, Patrick (P.M.)  
**Subject:** RE: Quick Question

On a call, what is her issue with accept order date? I can flip that to any date

**Erik M. Kreiger**

FSA Parts Specialist & Buyer

313-390-5972

Ford Explorer NAIAS Truck of the Year

Have you driven a Ford lately?

---

**From:** Culkeen, Patrick (P.M.)  
**Sent:** Thursday, January 13, 2011 9:06 AM  
**To:** Kreiger, Erik (E.)  
**Subject:** FW: Quick Question

FYI, for talking purposes

*Patrick M. Culkeen*

**Ford Motor Company**

Automotive Safety Office  
External Safety Investigations  
Fairlane Plaza South, Suite 500  
330 Town Center Drive  
Dearborn, MI 48126-2738 USA  
W: (313) 594-4792  
F: (313) 594-2268



**From:** Gumz, Melanie (M.)  
**Sent:** Monday, January 10, 2011 9:49 AM  
**To:** Culkeen, Patrick (P.M.)  
**Subject:** RE: Quick Question

SMMPSVEA Service Part Display 01/10/11 09:47:43

==> \_\_\_\_\_  
SERVICE PART: 4L3Z- 14B095-A\_\_\_\_\_ WIRING ASY  
Motorcraft: \_\_\_\_\_ Prior State Part:  
ENGINEERING PART: 4L3T 14B095 AA\_\_\_\_\_ ORIGIN: WERS  
Sap Stage Code: MAS Replaced by Detail: N  
Lexicon: 11130 Max. Order Qty: 0 Accpt. Ord. Dte: 03/01/11  
Direct Ship: \_ Overpack Qty: 12 Obs. Pending Date:  
Ret Cat: 2.0 EXCP: N Pallet Qty: 1944 Obs. Notice Date:  
Traffic Cd: 79\_ Abn. Cat. Date: Obs. Effective Date:  
Abn. Cat: AIMS Inventory: 0 Pkg. Spec Eff. Date: 11/17/10  
PIPP SOD Cd: Can. Volume Grp: C Pkg. Spec Iss. Date: 11/17/10  
Can. Proc. Cd: 3 Prc. Prod. Line: 26ED Svc. Disposition:  
Volume Group: C Mkt. Prod. Line: 013 Std. Part Locator: \_\_\_\_\_  
Rotate Ind: N Warranty Ind: N Warehouse Class: 1  
Sell Pack: \_ Unit of Issue: 1 MR Ind: N  
Sell Pack Qty: 0 Pkg. Weight: 0.08 Reman: N  
Handling Cd: \_ Pkg. Weight UOM: LB DSTRBN Mult CD: O  
Replaced: N Serial Number: 2549215 DSTRBN Mult Qty: 12  
To GCAT: Y Family Buy Cd: Establish Date: 08/18/10

SMMPARFA Display Usage Translations 01/10/11 09:47:55

==> \_\_\_\_\_  
ENG PART: 4L3T 14B095 AA\_\_\_\_\_ ORIGIN: WERS REGION: \_ USG STAT: \_  
Eng Name: WIR ASY DRV AIR BAG(KIT) PT: \_ PTO: \_\_\_\_\_ VL: \_  
Svc Part: 4L3Z- 14B095-A Replaces: N Is Replcd: N USG IND: \_  
P In Out  
t V1 Yr Yr Feature Descriptions Feature Descriptions  
- - - - -  
B F6 04 06 P221/P397/P415

*Melanie Gumz  
Maintenance and Light Repair Supervisor  
Service Engineering Operations - Service Product Development  
Ford Customer Service Division  
Phone: (313) 84-54286 Fax: (313) 62-16526  
In the office Mon/Tues/Thurs  
Telecommute Fri  
Job-Share Partner: Amy Lamb (alamb)*

**From:** Culkeen, Patrick (P.M.)  
**Sent:** Monday, January 10, 2011 9:40 AM  
**To:** Gumz, Melanie (M.)  
**Subject:** FW: Quick Question

Melanie,

FYI

*Patrick M. Culkeen*

**Ford Motor Company**  
Automotive Safety Office  
External Safety Investigations  
Fairlane Plaza South, Suite 500  
330 Town Center Drive  
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W: (313) 594-4792  
F: (313) 594-2268

---

**From:** Kreiger, Erik (E.)  
**Sent:** Tuesday, January 04, 2011 8:03 AM  
**To:** Culkeen, Patrick (P.M.)  
**Subject:** RE: Quick Question

Here ya go:

SERVICE PART: 4L3Z- 14B095-A WIRING ASY  
Motorcraft: Prior State Part:  
ENGINEERING PART: 4L3T 14B095 AA ORIGIN: WERS  
Sap Stage Code: MAS Replaced by Detail: N  
Lexicon: 11130 Max. Order Qty: 0 Accpt. Ord. Dte:  
03/01/11  
Direct Ship: \_ Overpack Qty: 12 Obs. Pending Date:  
Ret Cat: 2.0 EXCP: N Pallet Qty: 1944 Obs. Notice Date:  
Traffic Cd: 79\_ Abn. Cat. Date: Obs. Effective Date:  
Abn. Cat: AIMS Inventory: 0 Pkg. Spec Eff. Date:  
11/17/10  
PIPP SOD Cd: Can. Volume Grp: C Pkg. Spec Iss. Date:  
11/17/10  
Can. Proc. Cd: 3 Prc. Prod. Line: 26ED Svc. Disposition:  
Volume Group: C Mkt. Prod. Line: 013 Std. Part Locator:  
  
Rotate Ind: N Warranty Ind: N Warehouse Class: 1  
Sell Pack: \_ Unit of Issue: 1 MR Ind: N  
Sell Pack Qty: 0 Pkg. Weight: 0.08 Reman: N  
Handling Cd: \_ Pkg. Weight UOM: LB DSTRBN Mult CD: O  
Replaced: N Serial Number: 2549215 DSTRBN Mult Qty:  
12  
To GCAT: Y Family Buy Cd: Establish Date:  
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Tech Out Dte: 07/17/06 Harmonize Cd: Hvy. Trk. Cd: \_

**Erik M. Kreiger**  
FSA Parts Specialist & Buyer  
313-390-5972  
Have you driven a Ford lately?  
2010 Fusion-Motor Trends Car Of The Year

---

**From:** Culkeen, Patrick (P.M.)  
**Sent:** Tuesday, January 04, 2011 7:58 AM

**To:** Kreiger, Erik (E.)  
**Subject:** Quick Question  
**Importance:** High

Erik,

Do you have the final engineering and service part number for the F-150 clockspring jumper wire? We're working on having the part released for service.

*Patrick M. Culkeen*

**Ford Motor Company**

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Dearborn, MI 48126-2738 USA  
W: (313) 594-4792  
F: (313) 594-2268

---

**From:** Nevi, Raymond (R.A.)  
**Sent:** Friday, February 11, 2011 4:28 PM  
**To:** Prescott, Amanda (A.B.); Culkeen, Patrick (P.M.)  
**Subject:** RE: RE: Fact Sheet for F-150

Very nice!!

---

**From:** Prescott, Amanda (A.B.)  
**Sent:** Friday, February 11, 2011 4:25 PM  
**To:** Welch, Sharon (S.L.)  
**Cc:** Logel, Jay (J.D.); Culkeen, Patrick (P.M.); Nevi, Raymond (R.A.); Fronckowiak, Todd (T.M.)  
**Subject:** RE: Fact Sheet for F-150

Sharon,  
Pat and I have reviewed the fact sheet and made some modifications. The modifications are in line with the position that we have taken with NHTSA. I called and talked with Jay about the changes as well.

<< File: 10X11 2005-06 F-150 Airbag\_Factsheet approved.doc >>

Thanks,  
Amanda

---

**From:** Schumaker, Marc [Marc.Schumaker@federalmogul.com]  
**Sent:** Monday, April 12, 2010 7:39 PM  
**To:** Culkeen, Patrick (P.M.)  
**Subject:** Re: Request for Information

Hello Patrick, thanks for getting back to me. I am back in the office Tuesday and am open during the afternoon. If you are available to meet or talk, let me know. I can stop by or send more information.

Marc  
[248 245-7568](tel:248-245-7568)

-- Sent from my Palm Pre

---

On Apr 9, 2010 8:25 AM, Culkeen, Patrick (P.M.) <pculkeen@ford.com> wrote:

Marc,

Thank you for getting back w/Erik. I would like to discuss how your wire protection products can be applied to various wire harness applications. Could you please email or call me so we can set up a meeting.

*Patrick M. Culkeen*

**Ford Motor Company**

Automotive Safety Office  
External Safety Investigations  
Fairlane Plaza South, Suite 500  
330 Town Center Drive  
Dearborn, MI 48126-2738 USA  
W: (313) 594-4792  
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---

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---

**From:** Sevenski, Greg [Greg.Sevenski@federalmogul.com]  
**Sent:** Thursday, April 08, 2010 4:28 PM  
**To:** Kreiger, Erik (E.); Kolka, Jason (J.B.); Schumaker, Marc  
**Cc:** Culkeen, Patrick (P.M.); Richards, Gregg; Foy, Chris  
**Subject:** RE: Request

Erik,

Marc Schumaker within our Systems Protection Group can help answer any questions that you have on these products and suitability for your application.

Regards,

Greg Sevenski  
Senior Account Manager, Powertrain Energy  
Federal-Mogul Corporation  
Ph: 248 354 8947  
Fx: 248 354 4331  
Mb: 248 877 0546

---

**From:** Kreiger, Erik (E.) [mailto:ekreiger@ford.com]  
**Sent:** Thursday, April 08, 2010 12:10 PM  
**To:** Sevenski, Greg; Kolka, Jason (J.B.)  
**Cc:** Culkeen, Patrick (P.M.)  
**Subject:** Request

Greg.

**Per our conversation we would like to know who to contact within FM about the product listed below. It may work very well on a potential program. Thank you.**

*Erik M. Kreiger*

FSA Parts Specialist  
313-390-5972

Have you driven a Ford lately?

2010 Fusion-Motor Trends Car Of The Year

[http://www.federalmogul.com/Federal-Mogul/Templates/Template\\_D1.aspx?NRMODE=Published&NRNODEGUID={59B56821-2C8D-4390-BBFB-16F3213EF46F}&NRORIGINALURL=/en/OETechnology/VehicleSafety-Protection/SystemsProtection/Automotive/Abrasion-mechanical/&NRCACHEHINT=Guest&Tab=Products](http://www.federalmogul.com/Federal-Mogul/Templates/Template_D1.aspx?NRMODE=Published&NRNODEGUID={59B56821-2C8D-4390-BBFB-16F3213EF46F}&NRORIGINALURL=/en/OETechnology/VehicleSafety-Protection/SystemsProtection/Automotive/Abrasion-mechanical/&NRCACHEHINT=Guest&Tab=Products)

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---

**From:** Kreiger, Erik (E.)  
**Sent:** Monday, July 26, 2010 7:12 AM  
**To:** Lang, Gary (G.C.); Sutherland, Roy (R.W.)  
**Subject:** RE: Service Instructions - P415/P221 Airbag Harness Repair Instruction Sheet

**Follow Up Flag:** Follow up  
**Flag Status:** Red

I am not sure what that requirement is.

**Erik M. Kreiger**

FSA Parts Specialist & Buyer

313-390-5972

Have you driven a Ford lately?

2010 Fusion-Motor Trends Car Of The Year

---

**From:** Lang, Gary (G.C.)  
**Sent:** Friday, July 23, 2010 1:31 PM  
**To:** Sutherland, Roy (R.W.); Kreiger, Erik (E.)  
**Cc:** Lang, Gary (G.C.)  
**Subject:** RE: Service Instructions - P415/P221 Airbag Harness Repair Instruction Sheet

I do not know what 2D and 4D is. Erik, can you assist? Roy is trying to release a part for 10x11 - Airbag.

**Gary Lang**

Ford Customer Service - Recall

Phone (313) 24-84791

---

**From:** Sutherland, Roy (R.W.)  
**Sent:** Friday, July 23, 2010 12:40 PM  
**To:** Lang, Gary (G.C.)  
**Subject:** RE: Service Instructions - P415/P221 Airbag Harness Repair Instruction Sheet

Gary,

Thanks for the instruction sheet. This is my first time getting one of these released. Can you tell me if you release this into the Ford 2D (FordDoc) and 3D (TCE) or does that fall to myself to get that accomplished?

Regards,

**Roy Sutherland Jr.**

Ford Core Clockspring, Steering Wheel Switch,

Global Door Lock/Memory Set & Headlamp Switch D&R Engineer

Email: rsutherl@ford.com

Phone: 313-805-6905

Bldg#5, Cube 1D009

<< File: F150 Air Bag Clock spring\_DRAFT2.pdf >>

---

**From:** Lang, Gary (G.C.)  
**Sent:** Friday, July 23, 2010 9:25 AM  
**To:** Sutherland, Roy (R.W.)  
**Subject:** RE: Service Instructions - P415/P221 Airbag Harness Repair Instruction Sheet

[Here is the current draft version of the repair instructions.](#)

[<< File: F150 Air Bag Clock spring\\_DRAFT2.pdf >>](#)

**Gary Lang**

Ford Customer Service - Recall  
Phone (313) 24-84791

---

**From:** Sutherland, Roy (R.W.)  
**Sent:** Friday, July 23, 2010 9:21 AM  
**To:** Lang, Gary (G.C.)  
**Subject:** Service Instructions - P415/P221 Airbag Harness Repair Instruction Sheet

Gary,

Hello, I don't know if I have the correct person. Are you working on an instruction sheet for a airbag/clockspring harness repair procedure? If so, can you send me a copy to review? I am working on getting the concern approved and need to get the 2D and 3D drawings lined up so that the notices can get released.

Regards,

**Roy Sutherland Jr.**

Ford Core Clockspring, Steering Wheel Switch,  
Global Door Lock/Memory Set & Headlamp Switch D&R Engineer  
Email: [rsutherl@ford.com](mailto:rsutherl@ford.com)  
Phone: 313-805-6905  
Bldg#5, Cube 1D009



---

**From:** Schonfield, Randy (R.E.)  
**Sent:** Tuesday, June 22, 2010 12:55 PM  
**To:** Sutherland, Roy (R.W.)  
**Subject:** RE: Service Part Number Determination

**Follow Up Flag:** Follow up  
**Flag Status:** Red

**Attachments:** Service Kit Release Guide.pdf

Use base p/n 14B095 for the kit, wire harness, and sketch. Put "SK" in front of the four digit prefix for the sketch. Attached are service kit release guidelines.



Service Kit Release  
Guide.pdf ...

***Randall Schonfield***

**WERS Specialist/Product Analyst**  
**Regent Court Bldg. (cube 3N365)**  
**313-390-5930**

---

**From:** Sutherland, Roy (R.W.)  
**Sent:** Tuesday, June 22, 2010 12:38 PM  
**To:** Schonfield, Randy (R.E.)  
**Subject:** RE: Service Part Number Determination

Randy,

This will be a complete harness and probably an instruction sheet.

Regards,

**Roy Sutherland Jr.**

Ford Core Clockspring, Steering Wheel Switch,  
Global Door Lock/Memory Set & Headlamp Switch D&R Engineer  
Email: [rsutherl@ford.com](mailto:rsutherl@ford.com)  
Phone: 313-805-6905  
Bldg#5, Cube 1D009

<< File: Preliminary Harness Print.xls >>

---

**From:** Schonfield, Randy (R.E.)  
**Sent:** Tuesday, June 22, 2010 12:29 PM  
**To:** Sutherland, Roy (R.W.)  
**Subject:** RE: Service Part Number Determination

What parts will be included in the kit?

***Randall Schonfield***

**WERS Specialist/Product Analyst**  
**Regent Court Bldg. (cube 3N365)**

---

**From:** Sutherland, Roy (R.W.)  
**Sent:** Tuesday, June 22, 2010 12:26 PM  
**To:** Schonfield, Randy (R.E.)  
**Subject:** RE: Service Part Number Determination

Randy,

I hope you can help me out. I am trying to determine what part number should be used for a wire harness service kit. The wire harness will be used on for 2007 and 2008 P221 program. The harness will be a jumper between the clockspring and the drivers airbag module. Please let me know if you require any additional information to determine the appropriate part number that should be used.

Thank you,

**Roy Sutherland Jr.**

Ford Core Clockspring, Steering Wheel Switch,  
Global Door Lock/Memory Set & Headlamp Switch D&R Engineer  
Email: rsutherl@ford.com  
Phone: 313-805-6905  
Bldg#5, Cube 1D009

---

**From:** Culkeen, Patrick (P.M.)  
**Sent:** Tuesday, June 22, 2010 9:26 AM  
**To:** Sutherland, Roy (R.W.)  
**Cc:** Schonfield, Randy (R.E.)  
**Subject:** Service Part Number Determination  
**Importance:** High

Roy,

The proper person to contact regarding assigning a service part number for past models is Randy Schonfield in FCSD. He can guide you through the process.

*Patrick M. Culkeen*

**Ford Motor Company**

Automotive Safety Office  
External Safety Investigations  
Fairlane Plaza South, Suite 500  
330 Town Center Drive  
Dearborn, MI 48126-2738 USA  
W: (313) 594-4792  
F: (313) 594-2268



## Engineering Kit for Service - Release Guide

### WERS

**The engineering kit for service, part number is released as a final assembly record in WERS.**

- Select a base part number whose part name begins with "KIT" (if a particular base P/N has consistently been used for a kit, it should continue to be used)
- Select a prefix designating first model-year and vehicle use (pre-prefix not required)
- Part type = "P"
- Part class = "S"
- SAR = "Y"
- Effective in point = first model year application
- Effective-out point = year that it's no longer applicable

**Each part inside the kit shall have a unique Engineering Part Number and be released as a component record in WERS pointing to the Kit final asy.**

- Part type = "P"
- Part class = "S" (unless part is already released as a production component)
- SAR = "N" ("Y" if part is also available individually)

**The instruction sketch/sheet (if applicable) must be released as a component record in WERS pointing to the Kit final asy.**

- Use the same base part number as the kit with "SK" in front of the prefix, and "(SKETCH)" entered in the MPNR addendum field
- Part type = "P"
- Part class = "S"
- SAR = "N"

**If the kit contains packaged chemicals (e.g. adhesives, oil, grease, cleaners) or dry friction materials (brake pads, clutch disc), contact FCSD's AERO group <https://dept.sp.ford.com/sites/AERO/engineering/default.aspx>.**

- AERO will provide the engineering part number for the chemical, which must be released as a component part within the kit. Toxicology numbers are referenced on the NPSD Materials (L) TOX/IRB (F4) screen.
- Dry friction, post-production toxicology numbers must be referenced on the NPSD Materials (L) TOX/IRB (F4) screen for the service kit.
  - Note: The production toxicology number must be referenced on the production release.
- AERO will provide post-production toxicology numbers (a.k.a. Ford Internal Reference/FIR No.), MSDS postings, and dry friction consumer labeling.
- These items must comply with packaging spec. L1794, and procedures [FAP 03-132, 03-143, 03-145](#).
- **Failure to comply may result in government fines or lawsuits against Ford Motor Company.**

## CAD/Drawing Requirements

### **Non-Body - Engineering Kits for Service:**

- Non-Body releases are Drawing the Master with CAD (DtMC). The Ford D&R Engineer is responsible to ensure the creation of an associative, released 3D & 2D kit asy in Teamcenter that reflects the BOM in WERS. Upon completion of the 2D drawing, it shall also be loaded into the 2D document repository (i.e. FordDoc) following the PPM Audit process. A 2D "typewriter" drawing can be used provided the detailed/dimensioned product drawings for the parts within the kit already exist. Engineering may create a typewriter drawing using an Excel worksheet found in the Ford Engineering CAD & Drafting Standards – FECDS <http://www.fecds.ford.com>. These Typewriter drawings shall be attached to an Item Revision in TCe using "Named References". Kits for Service and the use of typewriter drawings shall be in accordance with the FECDS.
  - The CAD methods to create kits are located in <http://myigetit.ford.com/indexl.asp>
  - Excel-based, typewriter drawing templates can be downloaded via FECDS <http://www.fecds.ford.com>, Standard B-1, Para. 2.1.18.

### **Body - Engineering Kits for Service:**

- Body releases are CAD the Master (CtM). At the direction of the Ford D&R Engineer, the responsible CAD activity shall "build" and release a kit asy within Teamcenter that reflects the BOM in WERS. The kit asy shall be promoted to "Released" status in Teamcenter.
  - CAD methods to create Items, Item Revisions, kits data releases and manage the Instruction Sheets are located in <http://myigetit.ford.com/indexl.asp>.

### **Instruction Sketch/Sheet**

- When an "SK" Instruction Sheet is required, the Ford Engineer shall initiate and manage the creation of the Instruction Sheet. Upon completion, the .pdf file shall be attached to the item revision using "Named References" within Teamcenter. The Instruction Sheet shall also be loaded into the 2D document repository (i.e. FordDoc) following the PPM Audit process.
  - Ford Engineering currently uses the supplier, Creative Data ([jsdept@creativedatainc.com](mailto:jsdept@creativedatainc.com)) as the source to create the Instruction Sheets.
  - CAD methods to manage the Instruction Sheets are located in the Enterprise, website called, "I Get It" located at <http://myigetit.ford.com/indexl.asp>.
  - PPM Audit Process for uploading drawings into 2D document repositories is <http://www.ppmaudit.ford.com/help/index.html>

---

**From:** Schonfield, Randy (R.E.)  
**Sent:** Tuesday, June 22, 2010 2:00 PM  
**To:** Sutherland, Roy (R.W.)  
**Subject:** RE: Service Part Number Determination

**Follow Up Flag:** Follow up  
**Flag Status:** Red

That looks fine. The suffix on the sketch can be "AA" since the prefix is different than the other two.

***Randall Schonfield***

**WERS Specialist/Product Analyst**  
**Regent Court Bldg. (cube 3N365)**  
**313-390-5930**

---

**From:** Sutherland, Roy (R.W.)  
**Sent:** Tuesday, June 22, 2010 1:53 PM  
**To:** Schonfield, Randy (R.E.)  
**Subject:** RE: Service Part Number Determination

Randy,

Thank you. Based on my interpretation of the release guide I believe I will have the part numbers listed below. I am assuming that the prefix will be based off of the first year of production which was the 07MY P221 (7L3T).

7L3T-14B095-AA Service Kit  
7L3T-14B095-BA Wire Harness  
SK7L3T-14B095-CA Instruction Sheet/Sketch

Thanks again fro your help.

Regards,

**Roy Sutherland Jr.**

Ford Core Clockspring, Steering Wheel Switch,  
Global Door Lock/Memory Set & Headlamp Switch D&R Engineer  
Email: [rsutherl@ford.com](mailto:rsutherl@ford.com)  
Phone: 313-805-6905  
Bldg#5, Cube 1D009

---

**From:** Schonfield, Randy (R.E.)  
**Sent:** Tuesday, June 22, 2010 12:55 PM  
**To:** Sutherland, Roy (R.W.)  
**Subject:** RE: Service Part Number Determination

Use base p/n 14B095 for the kit, wire harness, and sketch. Put "SK" in front of the four digit prefix for the sketch. Attached are service kit release guidelines.

[<< File: Service Kit Release Guide.pdf >>](#)

*Randall Schonfield*

**WERS Specialist/Product Analyst**  
**Regent Court Bldg. (cube 3N365)**  
**313-390-5930**

---

**From:** Sutherland, Roy (R.W.)  
**Sent:** Tuesday, June 22, 2010 12:38 PM  
**To:** Schonfield, Randy (R.E.)  
**Subject:** RE: Service Part Number Determination

Randy,

This will be a complete harness and probably an instruction sheet.

Regards,

**Roy Sutherland Jr.**

Ford Core Clockspring, Steering Wheel Switch,  
Global Door Lock/Memory Set & Headlamp Switch D&R Engineer  
Email: [rsutherl@ford.com](mailto:rsutherl@ford.com)  
Phone: 313-805-6905  
Bldg#5, Cube 1D009

<< File: Preliminary Harness Print.xls >>

---

**From:** Schonfield, Randy (R.E.)  
**Sent:** Tuesday, June 22, 2010 12:29 PM  
**To:** Sutherland, Roy (R.W.)  
**Subject:** RE: Service Part Number Determination

What parts will be included in the kit?

*Randall Schonfield*

**WERS Specialist/Product Analyst**  
**Regent Court Bldg. (cube 3N365)**  
**313-390-5930**

---

**From:** Sutherland, Roy (R.W.)  
**Sent:** Tuesday, June 22, 2010 12:26 PM  
**To:** Schonfield, Randy (R.E.)  
**Subject:** RE: Service Part Number Determination

Randy,

I hope you can help me out. I am trying to determine what part number should be used for a wire harness service kit. The wire harness will be used on for 2007 and 2008 P221 program. The harness will be a jumper between the clockspring and the drivers airbag module. Please let me know if you require any additional information to determine the appropriate part number that should be used.

Thank you,

**Roy Sutherland Jr.**

Ford Core Clockspring, Steering Wheel Switch,  
Global Door Lock/Memory Set & Headlamp Switch D&R Engineer  
Email: [rsutherl@ford.com](mailto:rsutherl@ford.com)

Phone: 313-805-6905

Bldg#5, Cube 1D009

---

**From:** Culkeen, Patrick (P.M.)  
**Sent:** Tuesday, June 22, 2010 9:26 AM  
**To:** Sutherland, Roy (R.W.)  
**Cc:** Schonfield, Randy (R.E.)  
**Subject:** Service Part Number Determination  
**Importance:** High

Roy,

The proper person to contact regarding assigning a service part number for past models is Randy Schonfield in FCSD. He can guide you through the process.

*Patrick M. Culkeen*

**Ford Motor Company**

Automotive Safety Office  
External Safety Investigations  
Fairlane Plaza South, Suite 500  
330 Town Center Drive  
Dearborn, MI 48126-2738 USA  
W: (313) 594-4792  
F: (313) 594-2268

---

**From:** Terri Beadle [terri.beadle@sterlingtech.org]  
**Sent:** Thursday, August 12, 2010 9:37 AM  
**To:** Kreiger, Erik (E.)  
**Subject:** RE: Special Pricing Request for Tyco

Good morning Erik,

Bill is my Tyco contact. Please let me know if you need anything more.

Terri

[Lende Vander Lende, Bill \[bvanderlende@tycoelectronics.com\]](mailto:bvanderlende@tycoelectronics.com)

Account Executive  
Tyco Electronics  
616.340.0636  
1-800-522-6752 U.S. Product Information Center

---

**From:** Kreiger, Erik (E.) [mailto:ekreiger@ford.com]  
**Sent:** Wednesday, August 11, 2010 11:15 AM  
**To:** Joel Rosenberg  
**Cc:** Brad Salter; Terri Beadle  
**Subject:** RE: Special Pricing Request for Tyco

Thanks Joel, do you have the contact info at Tyco?

**Erik M. Kreiger**  
FSA Parts Specialist & Buyer  
313-390-5972

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---

**From:** Joel Rosenberg [mailto:jmr@Sterlingtech.org]  
**Sent:** Wednesday, August 11, 2010 11:03 AM  
**To:** Kreiger, Erik (E.)  
**Cc:** Brad Salter; Terri Beadle  
**Subject:** FW: Special Pricing Request for Tyco

Erik,  
Here are the 5 parts we'll be buying from Tyco. We appreciate your sending the Letter of Authorization.

miniASMDC075F/24-2  
173631-1  
174923-1

3/2/2011



175783-1  
Connector 6-1419169-8

Thanks  
Joel

---

**From:** Kreiger, Erik (E.) [mailto:ekreiger@ford.com]  
**Sent:** Wednesday, August 11, 2010 6:48 AM  
**To:** Joel Rosenberg  
**Cc:** Brad Salter  
**Subject:** RE: Special Pricing Request for Tyco

Can you provide the component number you are ordering and I will provide letter. Thank you.

[Erik M. Kreiger](#)  
FSA Parts Specialist & Buyer  
313-390-5972

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**From:** Joel Rosenberg [mailto:jmr@Sterlingtech.org]  
**Sent:** Tuesday, August 10, 2010 4:33 PM  
**To:** Kreiger, Erik (E.)  
**Cc:** Brad Salter  
**Subject:** Special Pricing Request for Tyco

Erik,  
We received pricing from Tyco on some of your components. At the same time, we were advised that better pricing was available if we receive a Letter of Authorization from you authorizing us to piggyback on Ford pricing to provide the benefit to you. Can you provide that for us? I appreciate it.

Joel Rosenberg  
President  
Direct: 248-563-1471  
Main: 248-669-0334  
Fax: 248-669-0336  
Sterling Technologies, Inc.  
2035 Easy St.  
Commerce, Michigan 48390  
[www.Sterlingtech.Org](http://www.Sterlingtech.Org)

---

**From:** Chascsa, Jim (JRCII.)  
**Sent:** Tuesday, February 01, 2011 1:32 PM  
**To:** Prescott, Amanda (A.B.)  
**Subject:** RE: Static Deployment

Were you guys planning on sending me anything before the 2pm or are you just going to "wing it"?

Jim Chascsa

Design and Release Supervisor  
Global Technical Specialist  
Steering Wheel, Driver Airbag and Inflator Design  
313-805-5896

---

**From:** Prescott, Amanda (A.B.)  
**Sent:** Tuesday, February 01, 2011 1:20 PM  
**To:** Chascsa, Jim (JRCII.)  
**Subject:** RE: Static Deployment

thanks

---

**From:** Chascsa, Jim (JRCII.)  
**Sent:** Tuesday, February 01, 2011 1:10 PM  
**To:** Prescott, Amanda (A.B.)  
**Subject:** FW: Static Deployment

Jim Chascsa

Design and Release Supervisor  
Global Technical Specialist  
Steering Wheel, Driver Airbag and Inflator Design  
313-805-5896

---

**From:** Steve Ahlquist [mailto:Steve.Ahlquist@TRW.COM]  
**Sent:** Tuesday, February 01, 2011 11:36 AM  
**To:** Chascsa, Jim (JRCII.)  
**Subject:** RE: Static Deployment

Jim,  
Dual stage with 10msec delay.

Get your shovel out...

S

>>> "Chascsa, Jim (JRCII.)" <jchascsa@ford.com> 2/1/2011 10:23 AM >>>  
[Steve,](#)

2/28/2011

EA10-001.9 000438

Good morning, how are you?

Thanks for the info. Do you know if that was a dual stage deployment or first only?

**Jim Chascsa**

Design and Release Supervisor

Global Technical Specialist

Steering Wheel, Driver Airbag and Inflator Design

313-805-5896

---

**From:** Steve Ahlquist [mailto:Steve.Ahlquist@TRW.COM]

**Sent:** Tuesday, February 01, 2011 8:40 AM

**To:** Chascsa, Jim (JRCII.)

**Subject:** Static Deployment

Jim,

Per your request, I pulled up a static deployment from the P221 DAB. Attached is a short presentation with snap shots of the bag at 0, 30, 100 and 176msec. Unfortunately, we don't record the video any longer then this (usually only about 100msec). In discussing static deployments with some of my engineers, anecdotally the bag typically remains in appearance similar to what you see in the last frame until someone physically pushes the gas out of the bag.

I'm not sure where that leaves our wager, probably should call it a "draw"?

Have a great day. And let me know if you need anything further.

Steve

---

**From:** Chascsa, Jim (JRCII.)  
**Sent:** Tuesday, February 01, 2011 10:20 AM  
**To:** Prescott, Amanda (A.B.)  
**Subject:** RE: Static Deployment

[Not via video, but I might be able to locate a dab and have it put into a wheel to show the bag hanging down?](#)

Jim Chascsa

Design and Release Supervisor  
Global Technical Specialist  
Steering Wheel, Driver Airbag and Inflator Design  
313-805-5896

---

**From:** Prescott, Amanda (A.B.)  
**Sent:** Tuesday, February 01, 2011 10:03 AM  
**To:** Chascsa, Jim (JRCII.)  
**Subject:** RE: Static Deployment

Jim,  
Thanks for sending this over. Are there any screen shots from a little later, say 250ms?

---

**From:** Chascsa, Jim (JRCII.)  
**Sent:** Tuesday, February 01, 2011 9:41 AM  
**To:** Prescott, Amanda (A.B.)  
**Subject:** FW: Static Deployment

[Amanda,](#)

[Please reference video per our conversation. Estimated full down 250-300ms.?](#)

Jim Chascsa

Design and Release Supervisor  
Global Technical Specialist  
Steering Wheel, Driver Airbag and Inflator Design  
313-805-5896

---

**From:** Steve Ahlquist [mailto:Steve.Ahlquist@TRW.COM]  
**Sent:** Tuesday, February 01, 2011 8:40 AM  
**To:** Chascsa, Jim (JRCII.)  
**Subject:** Static Deployment

Jim,  
Per your request, I pulled up a static deployment from the P221 DAB. Attached is a short presentation with snap shots of the bag at 0, 30, 100 and 176msec. Unfortunately, we don't record the video any longer than this (usually only about 100msec). In discussing static deployments with some of my engineers, anecdotally the bag typically remains in appearance similar to what you see in the last frame until someone physically pushes the gas out of the bag.  
I'm not sure where that leaves our wager, probably should call it a "draw"?

Have a great day. And let me know if you need anything further.  
Steve

---

**From:** Maholick, William (WM.)  
**Sent:** Monday, October 11, 2010 2:09 PM  
**To:** Kreiger, Erik (E.)  
**Cc:** Maholick, William (WM.)  
**Subject:** RE: STI Visit

Thank you.

Regards,

*William Maholick*

FCSD STA - Ford Customer Service Division  
16800 Executive Plaza Drive  
Cube 3N120  
Dearborn, MI 48126

Desk: 313-248-7366

---

**From:** Kreiger, Erik (E.)  
**Sent:** Monday, October 11, 2010 2:08 PM  
**To:** Maholick, William (WM.)  
**Subject:** FW: STI Visit

FYI

[Erik M. Kreiger](#)  
FSA Parts Specialist & Buyer  
313-390-5972

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---

**From:** Don Kaercher [mailto:dkaercher@hlgllc.com]  
**Sent:** Monday, October 11, 2010 1:57 PM  
**To:** Kreiger, Erik (E.)  
**Cc:** Jileen R. Kessler  
**Subject:** RE: STI Visit

[Bill Maholick \(Ford STA\)](#) has authorization to visit STI without HLM representation. Let me know if you need anything else.

Sincerely,

*Donald Kaercher*  
[Hollingsworth Logistics](#)

3/2/2011

Director of Material Flow  
Office: 313-768-1287 Cell: 734-751-6372  
[dkaercher@hlgllc.com](mailto:dkaercher@hlgllc.com)

---

**From:** Kreiger, Erik (E.) [mailto:ekreiger@ford.com]  
**Sent:** Monday, October 11, 2010 1:55 PM  
**To:** Don Kaercher  
**Subject:** RE: STI Visit

Don.

STA is looking for authorization to visit supplier STI without the need for HLM representation. Part is sourced already to HLM so there is no concern for pre authorization. Releases are up in system and PPAP run is set for late October. Bill just needs to sit with STI and starting reviewing PPAP documents.

**Erik M. Kreiger**  
FSA Parts Specialist & Buyer  
313-390-5972

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**From:** Don Kaercher [mailto:dkaercher@hlgllc.com]  
**Sent:** Monday, October 11, 2010 1:45 PM  
**To:** Kreiger, Erik (E.)  
**Subject:** RE: STI Visit

Call me. They haven't done the lobotomy yet!!!

Sincerely,

*Donald Kaercher*

Hollingsworth Logistics  
Director of Material Flow  
Office: 313-768-1287 Cell: 734-751-6372  
[dkaercher@hlgllc.com](mailto:dkaercher@hlgllc.com)

---

**From:** Kreiger, Erik (E.) [mailto:ekreiger@ford.com]  
**Sent:** Monday, October 11, 2010 12:56 PM  
**To:** Pat Donovan; Don Kaercher  
**Cc:** Maholick, William (WM.)  
**Subject:** STI Visit  
**Importance:** High

Pat/Don.

Don, I believe you are out due to medical and if you can please confirm. Pat, Bill needs to go and visit STI to review capabilities on PPAP. Kit part number is 4L3Z-14B095-A. STI will provide 4L3T 14B095 BA. Can you contact Bill at 313.248.7366. This is a critical recall that will potentially launch in November.

Thank you

Erik M. Kreiger

FSA Parts Specialist & Buyer

313-390-5972

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**From:** Sutherland, Roy (R.W.)  
**Sent:** Monday, January 24, 2011 12:56 PM  
**To:** Culkeen, Patrick (P.M.)  
**Subject:** RE: Switch Information

Pat,

Yes, they should have the same pinouts or keying for any Dual Stage airbag systems.

Regards,

**Roy Sutherland Jr.**

Ford Switch Engineering  
Email: [rsutherl@ford.com](mailto:rsutherl@ford.com)  
Phone: 313-805-6905  
Bldg#5, Cube 1D009

---

**From:** Culkeen, Patrick (P.M.)  
**Sent:** Monday, January 24, 2011 12:44 PM  
**To:** Sutherland, Roy (R.W.)  
**Subject:** RE: Switch Information

Roy,

Thanks for the research. Does this mean that the keyed connectors are the same for 1st & 2nd stage DAB connectors for all three vehicles?

*Patrick M. Culkeen*

**Ford Motor Company**

Automotive Safety Office  
External Safety Investigations  
Fairlane Plaza South, Suite 500  
330 Town Center Drive  
Dearborn, MI 48126-2738 USA  
W: (313) 594-4792  
F: (313) 594-2268

---

**From:** Sutherland, Roy (R.W.)  
**Sent:** Friday, January 21, 2011 4:27 PM  
**To:** Culkeen, Patrick (P.M.)  
**Subject:** Switch Information

Pat,

I have done a quick look at the 02-06MY Navigator & Aviator and have listed my findings below.

Navigator:

02/03MY: Used clockspring 2L1T-14A664-Axx

04MY: Used clockspring 4L1T-14A664-Axx

05/06MY: Used clockspring 5L1T-14A664-Axx



Aviator:

02MY: Not in production

03MY: Used clockspring 2C5T-14A664-Axx

04MY: Used clockspring 4C5T-14A664-Axx

05MY: Used clockspring 5C5T-14A664-Axx

06MY: Not in production

Both of these parts could use the same jumper that was release for the F150 service kit.

Regards,

**Roy Sutherland Jr.**

Ford Switch Engineering

Email: rsutherl@ford.com

Phone: 313-805-6905

Bldg#5, Cube 1D009

---

**From:** Kreiger, Erik (E.)  
**Sent:** Thursday, September 30, 2010 10:16 AM  
**To:** 'Clint.Price@fci.com'  
**Cc:** Rob.Rauchman@fci.com; Karen.Bird@fci.com; Laura.Wakeford@fci.com; Culkeen, Patrick (P.M.); Hartstang, Joe (J.K.); Griffin, Golon (G.R.)  
**Subject:** RE: Tentative: Updated: Air Bag Status Update

Clint,

Appreciate the effort and attention to this matter from FCI over the last few days. Thanks again.

Erik M. Kreiger  
FSA Parts Specialist & Buyer  
313-390-5972

Have you driven a Ford lately?

2010 Fusion-Motor Trends Car Of The Year

---

**From:** Clint.Price@fci.com [mailto:Clint.Price@fci.com]  
**Sent:** Thursday, September 30, 2010 10:15 AM  
**To:** Kreiger, Erik (E.)  
**Cc:** Rob.Rauchman@fci.com; Karen.Bird@fci.com; Laura.Wakeford@fci.com  
**Subject:** RE: Tentative: Updated: Air Bag Status Update

Good Morning Eric

Yes I have updated our side to use the FORD pricing for Tyco Terminal. Our purchasing is pursuing this with Tyco to understand why we were quoted such a high price. Our sales is updating the quote to Sterling and I anticipate this being resolved from our side today.

Regards  
Clint

---

**From:** Kreiger, Erik (E.) [mailto:ekreiger@ford.com]  
**Sent:** Thursday, September 30, 2010 8:04 AM  
**To:** Price, Clint  
**Subject:** RE: Tentative: Updated: Air Bag Status Update

Were able to get updates on this situation? Thanks Clint.

Erik M. Kreiger  
FSA Parts Specialist & Buyer  
313-390-5972

3/2/2011

Have you driven a Ford lately?

2010 Fusion-Motor Trends Car Of The Year

---

**From:** Price, Clint [<mailto:Clint.Price@fci.com>]

**Sent:** Wednesday, September 29, 2010 7:29 AM

**To:** Kreiger, Erik (E.)

**Cc:** Karen.Bird@fci.com; Rob.Rauchman@fci.com

**Subject:** Tentative: Updated: Air Bag Status Update

**When:** Occurs every weekday effective 8/12/2010 from 12:30 PM to 1:00 PM GMT -0500 (Standard) / GMT -0400 (Daylight).

**Where:** Conf Call

I have conflicting commitments for this time.

If there is updated information from Tyco pricing, we need a copy of the new quote. I had specified FORD application when requesting the original pricing and provided Sterling a copy of the quote response from Tyco

I have requested an updated pigtail price form our corporate SRS group (newly formed in June) and asked to respect previous FORD pricing for ABX3. From the original quote in April, with 5 terminal changes and premium timing, this was probably not in their calculation. I should have an update by Thursday.

Regards

Clint

---

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**From:** Culkeen, Patrick (P.M.)  
**Sent:** Friday, July 16, 2010 12:41 PM  
**To:** Sutherland, Roy (R.W.)  
**Subject:** RE: Update

**Follow Up Flag:** Follow up  
**Flag Status:** Red

Roy,

You were on my list of people to call today, so you beat me to the punch. It's understandable that the process is unfamiliar for folks, it is not a common occurrence. Just keep me in the loop on CR approval status and the progression of the 3D drawings. I'm working on another aspect of this project right now, so I haven't had a chance to touch-base. Thanks for the update!

*Patrick M. Culkeen*

**Ford Motor Company**  
Automotive Safety Office  
External Safety Investigations  
Fairlane Plaza South, Suite 500  
330 Town Center Drive  
Dearborn, MI 48126-2738 USA  
W: (313) 594-4792  
F: (313) 594-2268

---

**From:** Sutherland, Roy (R.W.)  
**Sent:** Friday, July 16, 2010 12:24 PM  
**To:** Culkeen, Patrick (P.M.)  
**Subject:** Update

Pat,

I wanted to give you an update on the service kit release. We are still trying to get the CR approved and released. Hoping today, but if not, we will be raising the issue to get management support to move it along. The 2D drawings are done and I am working on getting the 3D drawings started and completed in a timely manner. This process is new to the switch group since we don't release service harnesses, only service switches which would have all the drawings completed by our internal supply base. I will send an update next week.

If you have any questions, please let me know.

Regards,

**Roy Sutherland Jr.**

Ford Core Clockspring, Steering Wheel Switch,  
Global Door Lock/Memory Set & Headlamp Switch D&R Engineer  
Email: rsutherl@ford.com  
Phone: 313-805-6905  
Bldg#5, Cube 1D009

---

**From:** Sutherland, Roy (R.W.)  
**Sent:** Wednesday, September 29, 2010 5:31 PM  
**To:** Kreiger, Erik (E.)  
**Cc:** Culkeen, Patrick (P.M.); Klosek, Walter (W.)  
**Subject:** RE: Updated: Air Bag Status Update

**Follow Up Flag:** Follow up  
**Flag Status:** Red

Erik,

No, I have not even started the process. I will try to start it tomorrow, but the release process will take at least week or more to get a record change drawing generated, notices pulled and the drawing reviewed and uploaded into the system.

Regards,

**Roy Sutherland Jr.**

Ford Core Clockspring, Steering Wheel Switch,  
Global Door Lock/Memory Set & Headlamp Switch D&R Engineer  
Email: rsutherl@ford.com  
Phone: 313-805-6905  
Bldg#5, Cube 1D009

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**From:** Kreiger, Erik (E.)  
**Sent:** Wednesday, September 29, 2010 10:02 AM  
**To:** Sutherland, Roy (R.W.)  
**Cc:** Culkeen, Patrick (P.M.)  
**Subject:** RE: Updated: Air Bag Status Update

Thanks Roy. Have we released the final print for service number? Thank you

**Erik M. Kreiger**

FSA Parts Specialist & Buyer  
313-390-5972

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**From:** Sutherland, Roy (R.W.)  
**Sent:** Wednesday, September 29, 2010 9:57 AM  
**To:** Kreiger, Erik (E.)  
**Subject:** Declined: Updated: Air Bag Status Update  
**When:** Occurs every weekday effective 8/12/2010 from 12:30 PM to 1:00 PM (GMT-05:00) Eastern Time (US & Canada).  
**Where:** Conf Call

Erik,

I will not be able to call in today. I was out sick yesterday and I now have a Major issue with a part on the U502 program that I have to resolve ASAP. If there something you need from me, please send me an e-mail I

will try to it sometime today.

Regards,

**Roy Sutherland Jr.**

Ford Core Clockspring, Steering Wheel Switch,

Global Door Lock/Memory Set & Headlamp Switch D&R Engineer

Email: rsutherl@ford.com

Phone: 313-805-6905

Bldg#5, Cube 1D009

**From:** [Humphries, Glenn \(G.L.\)](#)  
**To:** [Hartstang, Joe \(J.K.\)](#)  
**Cc:** [Kreiger, Erik \(E.\)](#); [Neely, Tina \(T.M.\)](#); [Culkeen, Patrick \(P.M.\)](#); [Klump, Robert \(R.F.\)](#); [Prescott, Amanda \(A.B.\)](#)  
**Subject:** RE: Work Notification: 069-2011-1053R1: 2004-2006 F-150 / 2006 Lincoln Mark LT - Air Bag DTC B2293 with LFC 19 - New Service Kit Available  
**Date:** Monday, January 24, 2011 7:23:37 AM

---

Joe - Tina rejected this parts request. Looking for help from your shop to get this through. Please contact ASO with any questions.

Thanks

Sincerely,  
Glenn Humphries  
F-150 FCSD PVT Program Manager  
Dearborn Truck Plant  
ghumphri@ford.com  
313-39-07715  
313-732-7247

---

**From:** Hartstang, Joe (J.K.)  
**Sent:** Sunday, January 23, 2011 12:36 PM  
**To:** Klump, Robert (R.F.)  
**Cc:** Kreiger, Erik (E.); Humphries, Glenn (G.L.); Neely, Tina (T.M.)  
**Subject:** RE: Work Notification: 069-2011-1053R1: 2004-2006 F-150 / 2006 Lincoln Mark LT - Air Bag DTC B2293 with LFC 19 - New Service Kit Available

Bob, thoughts?

*Joe Hartstang*  
Supply Chain Manager  
Parts Supply & Logistics  
Ford Customer Service Division  
Phone (313) 390-7604

---

**From:** Kreiger, Erik (E.)  
**Sent:** Friday, January 21, 2011 7:13 AM  
**To:** Humphries, Glenn (G.L.)  
**Cc:** Hartstang, Joe (J.K.)  
**Subject:** RE: Work Notification: 069-2011-1053R1: 2004-2006 F-150 / 2006 Lincoln Mark LT - Air Bag DTC B2293 with LFC 19 - New Service Kit Available

## Erik M. Kreiger

FSA Parts Specialist & Buyer

313-390-5972

Ford Explorer NAIAS Truck of the Year

Have you driven a Ford lately?

---

**From:** Humphries, Glenn (G.L.)

**Sent:** Friday, January 21, 2011 7:03 AM

**To:** Kreiger, Erik (E.)

**Subject:** FW: Work Notification: 069-2011-1053R1: 2004-2006 F-150 / 2006 Lincoln Mark LT - Air Bag DTC B2293 with LFC 19 - New Service Kit Available

Hello Erik:

Could you help with some direction on the best method to get this SSM Parts Request for the P221 airbag harness pushed through?

Thanks.

Sincerely,

Glenn Humphries

F-150 FCSD PVT Program Manager

Dearborn Truck Plant

ghumphri@ford.com

313-39-07715

313-732-7247

---

**From:** Siplus, G (G.)

**Sent:** Thursday, January 20, 2011 4:00 PM

**To:** Humphries, Glenn (G.L.)

**Subject:** Work Notification: 069-2011-1053R1: 2004-2006 F-150 / 2006 Lincoln Mark LT - Air Bag DTC B2293 with LFC 19 - New Service Kit Available

### Work Notification

**\*\*\* NOTE: The system generated the email. Do not reply to this email \*\*\***

You have some work to complete in the Technical Web Authoring System. Please review this information and complete the required work in your TWAS workbox as soon as possible.

**Title:**

2004-2006 F-150 / 2006 Lincoln Mark LT - Air Bag DTC B2293 with LFC 19 - New Service Kit Available

**Last act and comments by:**

TGILMORE as of 1/20/2011 9:00:22 PM GMT



**Last action:**

Reject and return to author

**Comment:**

This part is on a recall program and it goes to someone else

Select this URL to access this instance of work:

<http://www.gsi.ford.com/modules/TWASBCMWeb/EditTSBSSM/Default.aspx?idItem=dd373bb1-d11e-4f5f-8e8f-8a34aa7c99b3&idWorkboxEntry=54e4b9be-8d7a-4c34-b664-be3d866ddda3>

Select this URL to access your Workbox:

<http://www.gsi.ford.com/modules/TWASBCMWeb/Admin/ViewWorkbox.aspx>

(End automated email)

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**To:** [Humphries, Glenn \(G.L.\)](#)  
**Cc:** [Kreiger, Erik \(E.\)](#); [Neely, Tina \(T.M.\)](#); [Culkeen, Patrick \(P.M.\)](#); [Klump, Robert \(R.F.\)](#); [Prescott, Amanda \(A.B.\)](#); [Kreiger, Erik \(E.\)](#)  
**Subject:** RE: Work Notification: 069-2011-1053R1: 2004-2006 F-150 / 2006 Lincoln Mark LT - Air Bag DTC B2293 with LFC 19 - New Service Kit Available  
**Date:** Monday, January 24, 2011 10:09:04 AM

---

PS&L was advised to reject it.

The service part (4L3Z-14B095-A) will be used for an upcoming potential field action.

*Joe Hartstang*

Supply Chain Manager  
Parts Supply & Logistics  
Ford Customer Service Division  
Phone (313) 390-7604

---

**From:** Humphries, Glenn (G.L.)  
**Sent:** Monday, January 24, 2011 7:24 AM  
**To:** Hartstang, Joe (J.K.)  
**Cc:** Kreiger, Erik (E.); Neely, Tina (T.M.); Culkeen, Patrick (P.M.); Klump, Robert (R.F.); Prescott, Amanda (A.B.)  
**Subject:** RE: Work Notification: 069-2011-1053R1: 2004-2006 F-150 / 2006 Lincoln Mark LT - Air Bag DTC B2293 with LFC 19 - New Service Kit Available

Joe - Tina rejected this parts request. Looking for help from your shop to get this through. Please contact ASO with any questions.

Thanks

Sincerely,  
Glenn Humphries  
F-150 FCSD PVT Program Manager  
Dearborn Truck Plant  
[ghumphri@ford.com](mailto:ghumphri@ford.com)  
313-39-07715  
313-732-7247

---

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**Sent:** Sunday, January 23, 2011 12:36 PM  
**To:** Klump, Robert (R.F.)  
**Cc:** Kreiger, Erik (E.); Humphries, Glenn (G.L.); Neely, Tina (T.M.)  
**Subject:** RE: Work Notification: 069-2011-1053R1: 2004-2006 F-150 / 2006 Lincoln Mark LT - Air Bag DTC B2293 with LFC 19 - New Service Kit Available

Bob, thoughts?

*Joe Hartstang*

Supply Chain Manager  
Parts Supply & Logistics  
Ford Customer Service Division  
Phone (313) 390-7604

---

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**Sent:** Friday, January 21, 2011 7:13 AM  
**To:** Humphries, Glenn (G.L.)  
**Cc:** Hartstang, Joe (J.K.)  
**Subject:** RE: Work Notification: 069-2011-1053R1: 2004-2006 F-150 / 2006 Lincoln Mark LT - Air Bag  
DTC B2293 with LFC 19 - New Service Kit Available

**Erik M. Kreiger**

FSA Parts Specialist & Buyer

313-390-5972

Ford Explorer NAIAS Truck of the Year

Have you driven a Ford lately?

---

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**Sent:** Friday, January 21, 2011 7:03 AM  
**To:** Kreiger, Erik (E.)  
**Subject:** FW: Work Notification: 069-2011-1053R1: 2004-2006 F-150 / 2006 Lincoln Mark LT - Air Bag  
DTC B2293 with LFC 19 - New Service Kit Available

Hello Erik:

Could you help with some direction on the best method to get this SSM Parts Request for the P221  
airbag harness pushed through?

Thanks.

Sincerely,  
Glenn Humphries  
F-150 FCSD PVT Program Manager  
Dearborn Truck Plant  
ghumphri@ford.com

313-39-07715  
313-732-7247

---

**From:** Siplus, G (G.)  
**Sent:** Thursday, January 20, 2011 4:00 PM  
**To:** Humphries, Glenn (G.L.)  
**Subject:** Work Notification: 069-2011-1053R1: 2004-2006 F-150 / 2006 Lincoln Mark LT - Air Bag DTC B2293 with LFC 19 - New Service Kit Available

**Work Notification**

**\*\*\* NOTE: The system generated the email. Do not reply to this email \*\*\***

You have some work to complete in the Technical Web Authoring System. Please review this information and complete the required work in your TWAS workbook as soon as possible.

<b>Title:</b>	2004-2006 F-150 / 2006 Lincoln Mark LT - Air Bag DTC B2293 with LFC 19 - New Service Kit Available
<b>Last act and comments by:</b>	TGILMOREas of 1/20/2011 9:00:22 PM GMT
<b>Last action:</b>	Reject and return to author
<b>Comment:</b>	This part is on a recall program and it goes to someone else

Select this URL to access this instance of work:  
<http://www.gsi.ford.com/modules/TWASBCMWeb/EditTSBSSM/Default.aspx?idItem=dd373bb1-d11e-4f5f-8e8f-8a34aa7c99b3&idWorkboxEntry=54e4b9be-8d7a-4c34-b664-be3d866ddda3>

Select this URL to access your Workbook:  
<http://www.gsi.ford.com/modules/TWASBCMWeb/Admin/ViewWorkbox.aspx>

(End automated email)

**From:** [Hartstang, Joe \(J.K.\)](#)  
**To:** [Humphries, Glenn \(G.L.\)](#)  
**Cc:** [Kreiger, Erik \(E.\)](#); [Neely, Tina \(T.M.\)](#); [Culkeen, Patrick \(P.M.\)](#); [Klump, Robert \(R.F.\)](#); [Prescott, Amanda \(A.B.\)](#); [Kreiger, Erik \(E.\)](#)  
**Subject:** RE: Work Notification: 069-2011-1053R1: 2004-2006 F-150 / 2006 Lincoln Mark LT - Air Bag DTC B2293 with LFC 19 - New Service Kit Available  
**Date:** Monday, January 24, 2011 10:09:02 AM

---

PS&L was advised to reject it.

The service part (4L3Z-14B095-A) will be used for an upcoming potential field action.

*Joe Hartstang*

Supply Chain Manager  
Parts Supply & Logistics  
Ford Customer Service Division  
Phone (313) 390-7604

---

**From:** Humphries, Glenn (G.L.)  
**Sent:** Monday, January 24, 2011 7:24 AM  
**To:** Hartstang, Joe (J.K.)  
**Cc:** Kreiger, Erik (E.); Neely, Tina (T.M.); Culkeen, Patrick (P.M.); Klump, Robert (R.F.); Prescott, Amanda (A.B.)  
**Subject:** RE: Work Notification: 069-2011-1053R1: 2004-2006 F-150 / 2006 Lincoln Mark LT - Air Bag DTC B2293 with LFC 19 - New Service Kit Available

Joe - Tina rejected this parts request. Looking for help from your shop to get this through. Please contact ASO with any questions.

Thanks

Sincerely,  
Glenn Humphries  
F-150 FCSD PVT Program Manager  
Dearborn Truck Plant  
[ghumphri@ford.com](mailto:ghumphri@ford.com)  
313-39-07715  
313-732-7247

---

**From:** Hartstang, Joe (J.K.)  
**Sent:** Sunday, January 23, 2011 12:36 PM  
**To:** Klump, Robert (R.F.)  
**Cc:** Kreiger, Erik (E.); Humphries, Glenn (G.L.); Neely, Tina (T.M.)  
**Subject:** RE: Work Notification: 069-2011-1053R1: 2004-2006 F-150 / 2006 Lincoln Mark LT - Air Bag DTC B2293 with LFC 19 - New Service Kit Available

Bob, thoughts?

*Joe Hartstang*

Supply Chain Manager  
Parts Supply & Logistics  
Ford Customer Service Division  
Phone (313) 390-7604

---

**From:** Kreiger, Erik (E.)  
**Sent:** Friday, January 21, 2011 7:13 AM  
**To:** Humphries, Glenn (G.L.)  
**Cc:** Hartstang, Joe (J.K.)  
**Subject:** RE: Work Notification: 069-2011-1053R1: 2004-2006 F-150 / 2006 Lincoln Mark LT - Air Bag  
DTC B2293 with LFC 19 - New Service Kit Available

**Erik M. Kreiger**

FSA Parts Specialist & Buyer

313-390-5972

Ford Explorer NAIAS Truck of the Year

Have you driven a Ford lately?

---

**From:** Humphries, Glenn (G.L.)  
**Sent:** Friday, January 21, 2011 7:03 AM  
**To:** Kreiger, Erik (E.)  
**Subject:** FW: Work Notification: 069-2011-1053R1: 2004-2006 F-150 / 2006 Lincoln Mark LT - Air Bag  
DTC B2293 with LFC 19 - New Service Kit Available

Hello Erik:

Could you help with some direction on the best method to get this SSM Parts Request for the P221  
airbag harness pushed through?

Thanks.

Sincerely,  
Glenn Humphries  
F-150 FCSD PVT Program Manager  
Dearborn Truck Plant  
ghumphri@ford.com

313-39-07715  
313-732-7247

---

**From:** Siplus, G (G.)  
**Sent:** Thursday, January 20, 2011 4:00 PM  
**To:** Humphries, Glenn (G.L.)  
**Subject:** Work Notification: 069-2011-1053R1: 2004-2006 F-150 / 2006 Lincoln Mark LT - Air Bag DTC B2293 with LFC 19 - New Service Kit Available

**Work Notification**

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<b>Title:</b>	2004-2006 F-150 / 2006 Lincoln Mark LT - Air Bag DTC B2293 with LFC 19 - New Service Kit Available
<b>Last act and comments by:</b>	TGILMOREas of 1/20/2011 9:00:22 PM GMT
<b>Last action:</b>	Reject and return to author
<b>Comment:</b>	This part is on a recall program and it goes to someone else

Select this URL to access this instance of work:  
<http://www.gsi.ford.com/modules/TWASBCMWeb/EditTSBSSM/Default.aspx?idItem=dd373bb1-d11e-4f5f-8e8f-8a34aa7c99b3&idWorkboxEntry=54e4b9be-8d7a-4c34-b664-be3d866ddda3>

Select this URL to access your Workbook:  
<http://www.gsi.ford.com/modules/TWASBCMWeb/Admin/ViewWorkbox.aspx>

(End automated email)

**From:** [Neely, Tina \(T.M.\)](#)  
**To:** [Hartstang, Joe \(J.K.\)](#)  
**Subject:** RE: Work Notification: 069-2011-1053R1: 2004-2006 F-150 / 2006 Lincoln Mark LT - Air Bag DTC B2293 with LFC 19 - New Service Kit Available  
**Date:** Monday, January 24, 2011 10:02:19 AM

---

I will look it up...its a part that is currently on a recall program. I was advised by Bob Klump to reject it

*Tina M. Neely*  
**QSF/Critical Parts Specialist**  
**Ford Marketing Sales & Service Division**  
**Ph. 313-390-4729 Fax 313-845-4338**  
**email: [tgilmore@ford.com](mailto:tgilmore@ford.com)**

**Note: I am no longer in the SDA position. Please send those concerns to Heather Ratcliff - [hrtatclif@ford.com](mailto:hrtatclif@ford.com)**

---

**From:** Hartstang, Joe (J.K.)  
**Sent:** Monday, January 24, 2011 10:01 AM  
**To:** Neely, Tina (T.M.)  
**Subject:** FW: Work Notification: 069-2011-1053R1: 2004-2006 F-150 / 2006 Lincoln Mark LT - Air Bag DTC B2293 with LFC 19 - New Service Kit Available

what's the service part number in question?

*Joe Hartstang*  
Supply Chain Manager  
Parts Supply & Logistics  
Ford Customer Service Division  
Phone (313) 390-7604

---

**From:** Humphries, Glenn (G.L.)  
**Sent:** Monday, January 24, 2011 7:24 AM  
**To:** Hartstang, Joe (J.K.)  
**Cc:** Kreiger, Erik (E.); Neely, Tina (T.M.); Culkeen, Patrick (P.M.); Klump, Robert (R.F.); Prescott, Amanda (A.B.)  
**Subject:** RE: Work Notification: 069-2011-1053R1: 2004-2006 F-150 / 2006 Lincoln Mark LT - Air Bag DTC B2293 with LFC 19 - New Service Kit Available

Joe - Tina rejected this parts request. Looking for help from your shop to get this through. Please contact ASO with any questions.



Thanks

Sincerely,  
Glenn Humphries  
F-150 FCSD PVT Program Manager  
Dearborn Truck Plant  
ghumphri@ford.com  
313-39-07715  
313-732-7247

---

**From:** Hartstang, Joe (J.K.)  
**Sent:** Sunday, January 23, 2011 12:36 PM  
**To:** Klump, Robert (R.F.)  
**Cc:** Kreiger, Erik (E.); Humphries, Glenn (G.L.); Neely, Tina (T.M.)  
**Subject:** RE: Work Notification: 069-2011-1053R1: 2004-2006 F-150 / 2006 Lincoln Mark LT - Air Bag DTC B2293 with LFC 19 - New Service Kit Available

Bob, thoughts?

*Joe Hartstang*  
Supply Chain Manager  
Parts Supply & Logistics  
Ford Customer Service Division  
Phone (313) 390-7604

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**From:** Kreiger, Erik (E.)  
**Sent:** Friday, January 21, 2011 7:13 AM  
**To:** Humphries, Glenn (G.L.)  
**Cc:** Hartstang, Joe (J.K.)  
**Subject:** RE: Work Notification: 069-2011-1053R1: 2004-2006 F-150 / 2006 Lincoln Mark LT - Air Bag DTC B2293 with LFC 19 - New Service Kit Available

**Erik M. Kreiger**  
FSA Parts Specialist & Buyer  
313-390-5972  
Ford Explorer NAIAS Truck of the Year  
Have you driven a Ford lately?

---

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**Sent:** Friday, January 21, 2011 7:03 AM  
**To:** Kreiger, Erik (E.)  
**Subject:** FW: Work Notification: 069-2011-1053R1: 2004-2006 F-150 / 2006 Lincoln Mark LT - Air Bag DTC B2293 with LFC 19 - New Service Kit Available

Hello Erik:

Could you help with some direction on the best method to get this SSM Parts Request for the P221 airbag harness pushed through?

Thanks.

Sincerely,  
Glenn Humphries  
F-150 FCSD PVT Program Manager  
Dearborn Truck Plant  
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313-39-07715  
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---

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**To:** Humphries, Glenn (G.L.)  
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**Work Notification**

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<http://www.gsi.ford.com/modules/TWASBCMWeb/Admin/ViewWorkbox.aspx>

(End automated email)

**From:** [Hartstang, Joe \(J.K.\)](#)  
**To:** [Humphries, Glenn \(G.L.\)](#)  
**Cc:** [Kreiger, Erik \(E.\)](#); [Neely, Tina \(T.M.\)](#); [Culkeen, Patrick \(P.M.\)](#); [Klump, Robert \(R.F.\)](#); [Prescott, Amanda \(A.B.\)](#); [Hartstang, Joe \(J.K.\)](#)  
**Subject:** RE: Work Notification: 069-2011-1053R1: 2004-2006 F-150 / 2006 Lincoln Mark LT - Air Bag DTC B2293 with LFC 19 - New Service Kit Available  
**Date:** Monday, January 24, 2011 10:22:42 AM

---

Glenn,

Just spoke with Amanda and I'm up to speed now. We now have 5000 shipping from our packager and parts should be arriving in our buildings by Friday.

Please resubmit the part request to Tina and we can get it signed-off. The SSM should not be posted until parts are available for dealer orders though (1/28).

*Joe Hartstang*

Supply Chain Manager  
Parts Supply & Logistics  
Ford Customer Service Division  
Phone (313) 390-7604

---

**From:** Humphries, Glenn (G.L.)  
**Sent:** Monday, January 24, 2011 7:24 AM  
**To:** Hartstang, Joe (J.K.)  
**Cc:** Kreiger, Erik (E.); Neely, Tina (T.M.); Culkeen, Patrick (P.M.); Klump, Robert (R.F.); Prescott, Amanda (A.B.)  
**Subject:** RE: Work Notification: 069-2011-1053R1: 2004-2006 F-150 / 2006 Lincoln Mark LT - Air Bag DTC B2293 with LFC 19 - New Service Kit Available

Joe - Tina rejected this parts request. Looking for help from your shop to get this through. Please contact ASO with any questions.

Thanks

Sincerely,  
Glenn Humphries  
F-150 FCSD PVT Program Manager  
Dearborn Truck Plant  
ghumphri@ford.com  
313-39-07715  
313-732-7247

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**Cc:** Kreiger, Erik (E.); Humphries, Glenn (G.L.); Neely, Tina (T.M.)

**Subject:** RE: Work Notification: 069-2011-1053R1: 2004-2006 F-150 / 2006 Lincoln Mark LT - Air Bag DTC B2293 with LFC 19 - New Service Kit Available

Bob, thoughts?

*Joe Hartstang*

Supply Chain Manager  
Parts Supply & Logistics  
Ford Customer Service Division  
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**Erik M. Kreiger**

FSA Parts Specialist & Buyer

313-390-5972

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Have you driven a Ford lately?

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Hello Erik:

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Thanks.

Sincerely,

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F-150 FCSD PVT Program Manager  
Dearborn Truck Plant  
ghumphri@ford.com  
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**Work Notification**

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<b>Last act and comments by:</b>	TGILMOREas of 1/20/2011 9:00:22 PM GMT
<b>Last action:</b>	Reject and return to author
<b>Comment:</b>	This part is on a recall program and it goes to someone else

Select this URL to access this instance of work:  
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Select this URL to access your Workbook:  
<http://www.gsi.ford.com/modules/TWASBCMWeb/Admin/ViewWorkbox.aspx>

(End automated email)

---

**From:** Culkeen, Patrick (P.M.)  
**Sent:** Friday, February 11, 2011 8:44 AM  
**To:** Chascsa, Jim (JRCII.)  
**Subject:** Report Count Summary

Jim,

Per yesterday's meeting, I have summarized the report data using the following criteria:  
Norfolk Assembly Plant vehicles produced from  
November 1, 2004, through June 30, 2005.

A1 - Reports of Inadvertent Driver Air Bag Deployment Due to Chafe  
B1 - Reports of Inadvertent Driver Air Bag Deployment Ambiguous to Cause

Source	A1	B1	Grand Total
AWS	5	10	15
CQIS	25	43	68
MORS III	31	67	98
NHTSA VOQ		2	2
OGC	7	33	40
Grand Total	68	155	223

OGC refers to Lawsuit & Claim reports.

*Patrick M. Culkeen*

**Ford Motor Company**

Automotive Safety Office  
External Safety Investigations  
Fairlane Plaza South, Suite 500  
330 Town Center Drive  
Dearborn, MI 48126-2738 USA  
W: (313) 594-4792  
F: (313) 594-2268

---

**From:** Culkeen, Patrick (P.M.)  
**Sent:** Wednesday, February 09, 2011 2:48 PM  
**To:** Chascsa, Jim (JRCII.)  
**Cc:** Prescott, Amanda (A.B.)  
**Subject:** Report Counts for 14D

**Attachments:** 14D Counts.xls

Jim,

I have enclosed a summary table of the latest report counts as of January 28, 2011. Enjoy...

*Patrick M. Culkeen*

**Ford Motor Company**

Automotive Safety Office  
External Safety Investigations  
Fairlane Plaza South, Suite 500  
330 Town Center Drive  
Dearborn, MI 48126-2738 USA  
W: (313) 594-4792  
F: (313) 594-2268



14D Counts.xls



F-150 Vehicles Produced at NAP  
From 2004 Job #1 Through 1/24/06

Non-Duplicative Reports	A1	B1
Warranty Claims	5	10
Field Reports	25	43
Consumer Complaints	30	67
Vehicle Owner Questionnaires	0	2
Lawsuits & Claims	7	33

Allegations of Injury 25  
Attributable to the condition

---

**From:** Culkeen, Patrick (P.M.)  
**Sent:** Wednesday, February 09, 2011 1:49 PM  
**To:** Prescott, Amanda (A.B.)  
**Subject:** Revise File

**Attachments:** Job.doc

Amanda,

The last table needed adjustment. Please use this one.



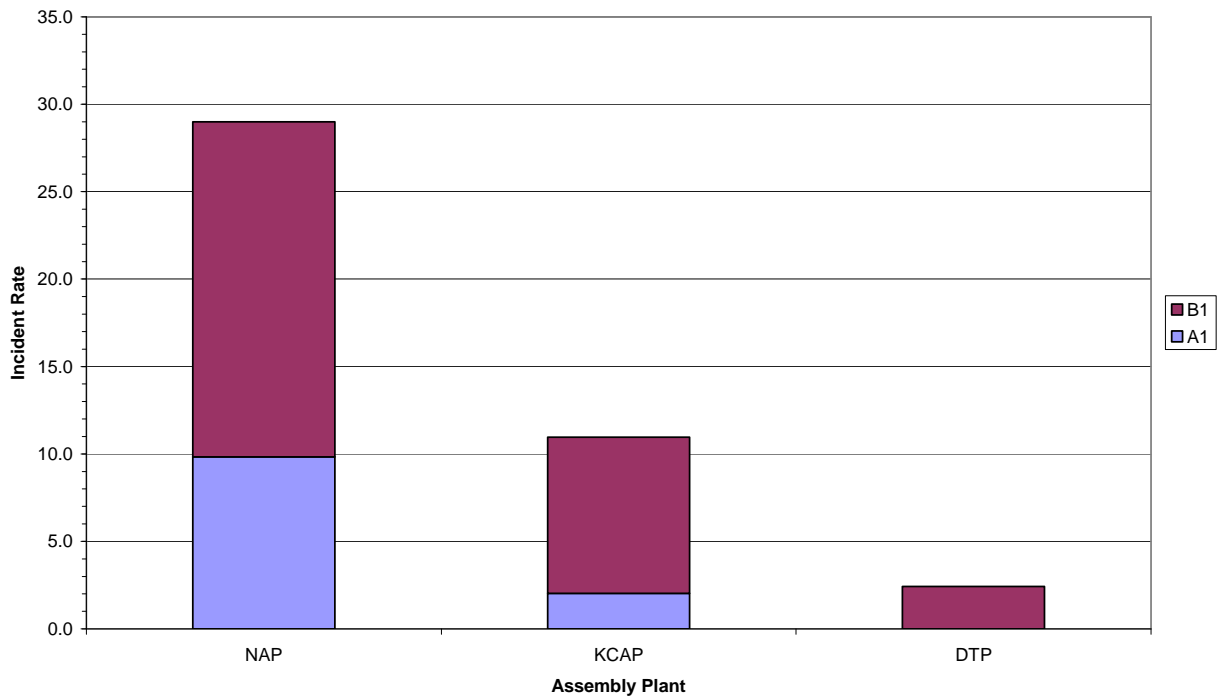
Job.doc

*Patrick M. Culkeen*

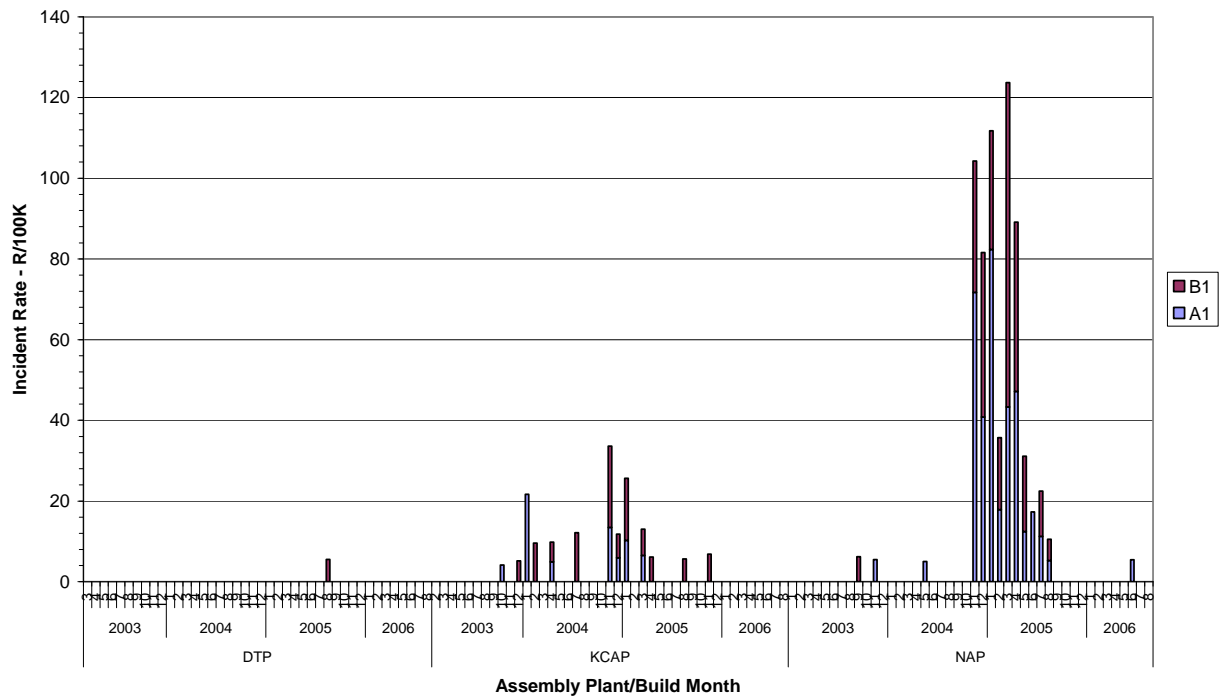
**Ford Motor Company**

Automotive Safety Office  
External Safety Investigations  
Fairlane Plaza South, Suite 500  
330 Town Center Drive  
Dearborn, MI 48126-2738 USA  
W: (313) 594-4792  
F: (313) 594-2268

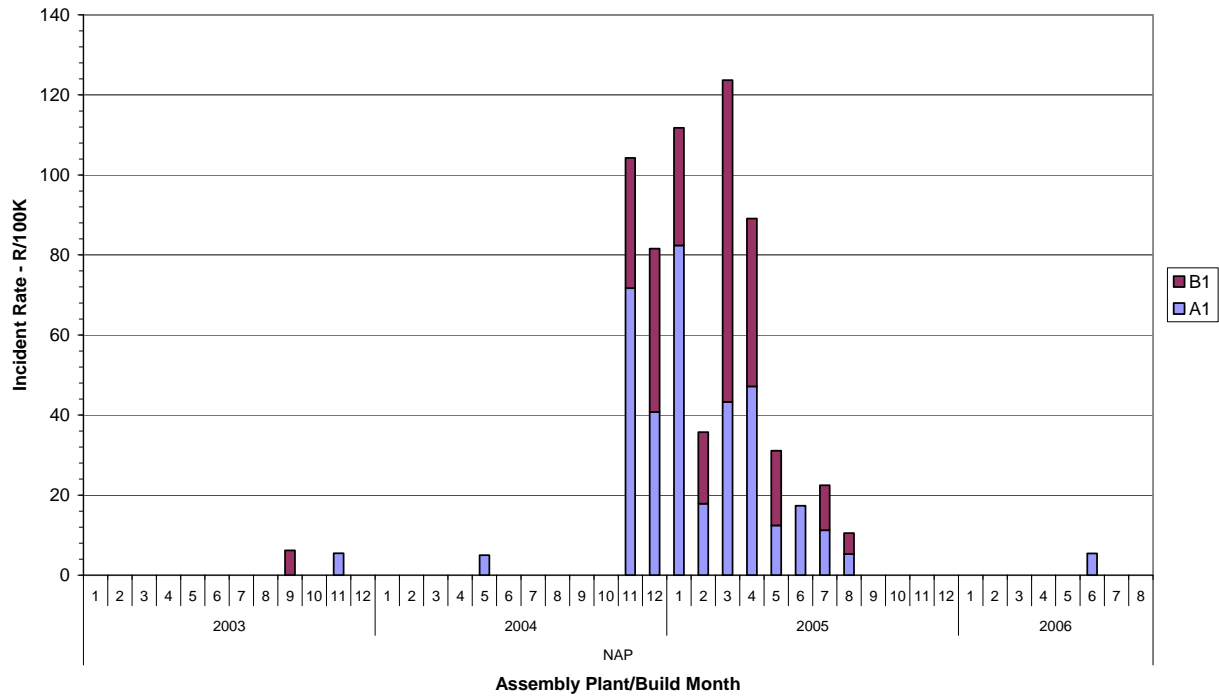
**EA10-001: 2004-2006 MY F-150/Mark LT Inadvertent Driver Air Bag Deployment  
Incident Rate (R/100K) by Assembly Plant**



**EA10-001: 2004-2006 MY F-150/Mark LT Inadvertent Driver Air Bag Deployment  
Incident Rate (R/100K) by Assembly Plant & Build Month**



**EA10-001: 2004-2006 MY F-150/Mark LT Inadvertent Driver Air Bag Deployment  
Incident Rate (R/100K) by Assembly Plant & Build Month**



Job #1 2004 Through 1/24/2006				1/11/2004 Through 5/30/2005		
Plant	A1+B1	Volume by Plant	A1+B1 R/100K	A1+B1	Volume by Plant	A1+B1 R/100K
DTP	9	284,822	3.2	5	118,511	4.2
KCAP	65	508,624	12.8	31	132,993	23.3
NAP	180	543,104	33.1	164	134,625	121.8
Total	253	1,336,550	18.9	200	386,129	51.8

---

**From:** Zilinskas, Steve (S.E.)  
**Sent:** Tuesday, September 21, 2010 3:38 PM  
**To:** Culkeen, Patrick (P.M.)  
**Subject:** Status Byte/Failure Type Information on Self Test DTCs

**Attachments:** CMDTC Status Byte tech tips 12-7-2007.doc

Pat,

In follow up to our conversation, I have attached an explanation of the status byte information that can be associated with a DTC for CAN Protocol modules.

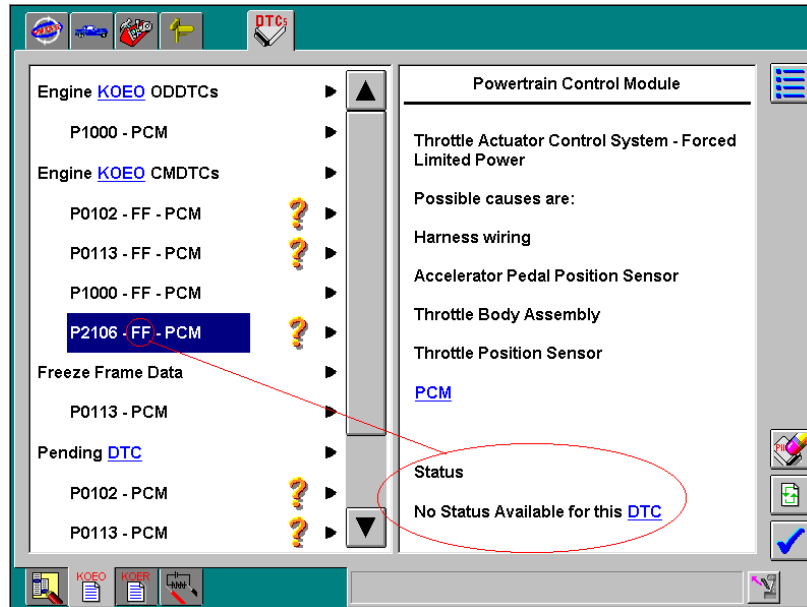


CMDTC Status Byte  
tech tips 12...

# IDS Selftest CAN Status Byte

## CMDTC Status Byte (CAN)

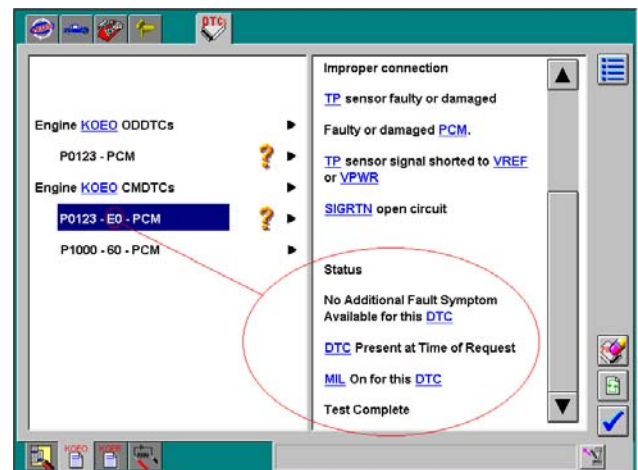
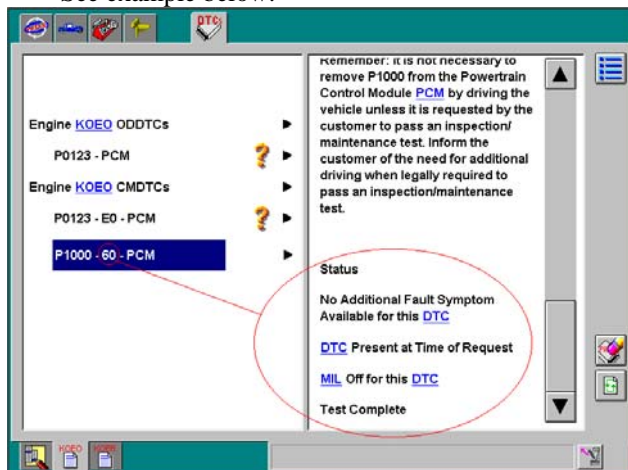
CMDTC's for the CAN protocol have added an extra byte of information call the "Status Byte". This only applies to CMDTC's on the CAN protocol. KOEO, KOER Freeze Frame, pending DTC's will not have this status byte. Most modules will set this byte to "FF", which means "No status available for this DTC" (as seen below). This information is located after the descriptions and possible causes on the right hand screen. You may have to scroll down to see it.



Some modules will display something other than FF. This status byte can add information to the DTC. Basically it can give you four pieces of information:

- **DTC Fault Symptom**  
No additional fault symptom, above maximum, below minimum, no signal, invalid signal, other manufacture specific symptoms.
- **DTC Storage State**  
DTC present, DTC not present at time of request.
- **DTC Warning Lamp Calibration Status**  
MIL on, MIL off for the DTC.
- **DTC Readiness Flag**  
Test complete

See example below:





---

**From:** Dean, Michael (M.J.)  
**Sent:** Wednesday, April 14, 2010 4:20 PM  
**To:** Culkeen, Patrick (P.M.)  
**Cc:** Chascsa, Jim (JRCII.)  
**Subject:** Subject Peer Vehicle List 4-14-10

**Attachments:** Subject\_Peer Vehicle List\_04-14-2010.xls

Hello Patrick,

Per Jim's request I have updated the list today for the following vehicles per my investigation in WERS:

E-150/250/350 (VN127)  
F250HD/350/450 (P131)  
Excursion (U137)  
F350/350/550 (P356)  
Ranger (P150/151)  
Escape (U204/U377)  
Mariner (U364)



Subject\_Peer  
Vehicle List\_04-1...

I will be reviewing this information with Jim Chascsa in the morning.

Many thanks for your support.

Have a great day,  
"Teamwork Leads to Success!"  
Michael J. Dean  
Ford Restraints - SW/DAB D&R Eng  
C170/B299N/C346N  
PDC 1D-E27  
Ford Cell Ph : (313) 805-7890  
Email Addr : mdean6@ford.com

pls. visit [www.thefordstory.com](http://www.thefordstory.com)

Subject Vehicles									
Make	Model	Program	Model Years						
Ford	F-150	P221	2002	2003	2004	2005	2006	2007	2008
			2L3A-15043B13-AAW	2L3A-15043B13-AAW	4L34-15043B13-CDW	5L34-1504B13-CDW	6L34-A5043B13-CCW	7L34-15043B13-CBW	7L34-15043B13-CBW
Ford	F-150	PN96	2002	2003	2004	2005	2006	2007	2008
			2L3A-15043B13-AAW	2L3A-15043B13-AAW	4L34-15043B13-CDW	5L34-15034B13-ACW	6L34-15034B13-CCW		
Lincoln	Mark LT	P225/P397	2002	2003	2004	2005	2006	2007	2008
						5L34-1504B13-BEW	6L34-1504B13-BBW		
Ford	Explorer	U152/U207/U251	2002	2003	2004	2005	2006	2007	2008
			2L2A-78043B13-ABW	3L24-78043B13-ABW	4L24-78043B13-ABW	5L24-78043B13-ABW 5L24-78043B13-BBW	6L24-78043B13-AKW	7L24-78043B13-AAW	8L24-78043B13-AAW
Ford	Sport Trac	P251	2002	2003	2004	2005	2006	2007	2008
			2L2A-78043B13-ABW	3L24-78043B13-ABW	4L24-78043B13-ABW	5L24-78043B13-ABW 5L24-78043B13-BBW	6L24-78043B13-AKW	7L24-78043B13-AAW	8L24-78043B13-AAW
Mercury	Mountaineer	???	2002	2003	2004	2005	2006	2007	2008
			2L2A-78043B13-BBW	3L24-78043B13-BBW	4L24-78043B13-BBW	5L24-78043B13-BBW	6L94-78043B13-AKW	7L94-78043B13-AAW	8L94-78043B13-AAW
Lincoln	Aviator	U231	2002	2003	2004	2005	2006	2007	2008
			2C5A-78043B13-AFW 2C5A-78043B13-BFW 2C5A-78043B13-CFW	3C54-78043B13-ACW 3C54-78043B13-BCW	4C54-78043B13-ABW 4C54-78043B13-BBW	5C54-78043B13-ACW 5C54-78043B13-BCW	N/A	N/A	N/A
Ford	Expedition	U222	2002	2003	2004	2005	2006	2007	2008
			2L2A-78043B13-ABW	3L24-78043B13-ABW	4L14-78043B13-ABW	5L14-78043B13-ADW	6L14-78043B13-ACW	7L14-78043B13-ALW	8L14-78043B13-ACW
Lincoln	Navigator	U228	2002	2003	2004	2005	2006	2007	2008
			2L7A-78043B13-ANW 2L7A-78043B13-BHW 2L7A-78043B13-CGW	2L7A-78043B13-BHW 2L7A-78043B13-CGW	4L74-78043B13-ADW 4L74-78043B13-BDW	5L74-78043B13-AGW 5L74-78043B13-BGW	6L74-78043B13-AEW 6L74-78043B13-BEW	7L7A-78043B13-AKW	8L74-78043B13-AKW
Ford	E-150/250/350	VN127	2002	2003	2004	2005	2006	2007	2008
			2C2A-15043B13-ABW	2C2A-15043B13-ABW	4C24-15043B13-AFW 4C24-15043B13-BGW	4C24-15043B13-AFW 4C24-15043B13-BGW	6C24-15043B13-AAW	6C24-15043B13-AAW	6C24-15043B13-AAW
Ford	F250/350/450	P131	2002	2003	2004	2005	2006	2007	2008
			2L3A-15043B13-AAW	2L3A-15043B13-AAW	4C34-25043B13-ACW	5C34-25043B13-BBW	6C34-25043B13-ADW	7C34-25043B13-AGW	N/A
Ford	Excursion	U137	2002	2003	2004	2005	2006	2007	2008
			2L3A-15043B13-AAW	2L3A-15043B13-AAW	4C34-25043B13-ACW	4C34-25043B13-ACW	6C34-25043B13-ADW		
Ford	F350/450/505	P356	2002	2003	2004	2005	2006	2007	2008

Subject Vehicles									
Make	Model	Program	Model Years						
			N/A	N/A	N/A	N/A	N/A	7C34-25043B13-AGW	8C34-25043B13-ACW
Ford	Ranger	P150/151	2002	2003	2004	2005	2006	2007	2008
			1L5A-10043B13-ACW 1L5A-10043B13-BCW 1L5A-10043B13-CAW 1L5A-10043B13-DAW	1L5A-10043B13-ACW 1L5A-10043B13-BCW 1L5A-10043B13-CAW 1L5A-10043B13-DAW	4L54-10043B13-AMW 4L54-10043B13-BNW	4L54-10043B13-AMW 4L54-10043B13-BNW	6L54-10043B13-AAW	7L54-10043B13-ACW 7L54-10043B13-BCW	
Ford	Escape	U377	2002	2003	2004	2005	2006	2007	2008
			YL84-78043B13-AGW YL84-78043B13-BJW YL84-78043B13-CLW YL84-78043B13-DJW YL84-78043B13-ELW YL84-78043B13-GHW YL84-78043B13-HKW YL84-78043B13-LEW YL84-78043B13-MFW YL84-78043B13-NFW YL84-78043B13-PFW YL84-78043B13-RFW YL84-78043B13-SEW YL84-78043B13-TFW  2L84-78043B13-KAW 2L84-78043B13-UAW	YL84-78043B13-AGW YL84-78043B13-BJW YL84-78043B13-DJW YL84-78043B13-GHW YL84-78043B13-LEW YL84-78043B13-MFW YL84-78043B13-SEW  3L84-78043B13-CAW 3L84-78043B13-EBW 3L84-78043B13-HAW 3L84-78043B13-KBW 3L84-78043B13-NAW 3L84-78043B13-PAW 3L84-78043B13-RBW 3L84-78043B13-TAW 3L84-78043B13-UBW	YL84-78043B13-AGW YL84-78043B13-BJW YL84-78043B13-DJW YL84-78043B13-GHW YL84-78043B13-LEW YL84-78043B13-MFW YL84-78043B13-SEW  3L84-78043B13-CAW 3L84-78043B13-EBW 3L84-78043B13-HAW 3L84-78043B13-KBW 3L84-78043B13-NAW 3L84-78043B13-PAW 3L84-78043B13-RBW 3L84-78043B13-TAW 3L84-78043B13-UBW	5L84-78043B13-AAW 5L84-78043B13-GBW 5L84-78043B13-HCW 5L84-78043B13-KCW 5L84-78043B13-LAW 5L84-78043B13-MEW 5L84-78043B13-NFW 5L84-78043B13-PFW	6L84-78043B13-MAW 6L84-78043B13-NAW 6L84-78043B13-PAW	7L84-78043B13-GAW 7L84-78043B13-HAW 7L84-78043B13-KAW 7L84-78043B13-MAW 7L84-78043B13-NAW 7L84-78043B13-PAW 7L84-78043B13-UAW	8L84-78043B13-ANW
Mercury	Mariner	U364	2002	2003	2004	2005	2006	2007	2008
						5E64-78043B13-ABW 5E64-78043B13-BBW	6E64-78043B13-AAW	7E64-78043B13-AAW 7E64-78043B13-BAW	8E64-78043B13-AMW

---

**From:** Dean, Michael (M.J.)  
**Sent:** Thursday, April 15, 2010 4:16 PM  
**To:** Culkeen, Patrick (P.M.)  
**Cc:** Chascsa, Jim (JRCII.)  
**Subject:** Subject Peer Vehicle List 4-15-2010

**Attachments:** Subject\_Peer Vehicle List\_04-15-2010.xls

Hello Patrick,

Here is the update on the list for the following vehicles per my investigation in WERS:

Winstar (WIN126/V229)  
Freestar/Monterey (V229)  
Freestyle/Taurus X (D219)  
Taurus/Sable (D186)  
Five Hundred/Taurus (D258)  
Montego/Sable (D333)



Subject\_Peer  
Vehicle List\_04-1...

I will be reviewing this information with Jim Chascsa.

Many thanks for your support.

Have a great day,  
"Teamwork Leads to Success!"  
Michael J. Dean  
Ford Restraints - SW/DAB D&R Eng  
C170/B299N/C346N  
PDC 1D-E27  
Ford Cell Ph : (313) 805-7890  
Email Addr : mdean6@ford.com

pls. visit [www.thefordstory.com](http://www.thefordstory.com)

Subject Vehicles									
Make	Model	Program	Model Years						
Ford	F-150	P221	2002	2003	2004	2005	2006	2007	2008
			2L3A-15043B13-AAW	2L3A-15043B13-AAW	4L34-15043B13-CDW	5L34-1504B13-CDW	6L34-A5043B13-CCW	7L34-15043B13-CBW	7L34-15043B13-CBW
Ford	F-150	PN96	2002	2003	2004	2005	2006	2007	2008
			2L3A-15043B13-AAW	2L3A-15043B13-AAW	4L34-15043B13-CDW	5L34-15034B13-ACW	6L34-15034B13-CCW		
Lincoln	Mark LT	P225/P397	2002	2003	2004	2005	2006	2007	2008
						5L34-1504B13-BEW	6L34-1504B13-BBW		
Ford	Explorer	U152/U207/U251	2002	2003	2004	2005	2006	2007	2008
			2L2A-78043B13-ABW	3L24-78043B13-ABW	4L24-78043B13-ABW	5L24-78043B13-ABW 5L24-78043B13-BBW	6L24-78043B13-AKW	7L24-78043B13-AAW	8L24-78043B13-AAW
Ford	Sport Trac	P251	2002	2003	2004	2005	2006	2007	2008
			2L2A-78043B13-ABW	3L24-78043B13-ABW	4L24-78043B13-ABW	5L24-78043B13-ABW 5L24-78043B13-BBW	6L24-78043B13-AKW	7L24-78043B13-AAW	8L24-78043B13-AAW
Mercury	Mountaineer	???	2002	2003	2004	2005	2006	2007	2008
			2L2A-78043B13-BBW	3L24-78043B13-BBW	4L24-78043B13-BBW	5L24-78043B13-BBW	6L94-78043B13-AKW	7L94-78043B13-AAW	8L94-78043B13-AAW
Lincoln	Aviator	U231	2002	2003	2004	2005	2006	2007	2008
			2C5A-78043B13-AFW 2C5A-78043B13-BFW 2C5A-78043B13-CFW	3C54-78043B13-ACW 3C54-78043B13-BCW	4C54-78043B13-ABW 4C54-78043B13-BBW	5C54-78043B13-ACW 5C54-78043B13-BCW	N/A	N/A	N/A
Ford	Expedition	U222	2002	2003	2004	2005	2006	2007	2008
			2L2A-78043B13-ABW	3L24-78043B13-ABW	4L14-78043B13-ABW	5L14-78043B13-ADW	6L14-78043B13-ACW	7L14-78043B13-ALW	8L14-78043B13-ACW
Lincoln	Navigator	U228	2002	2003	2004	2005	2006	2007	2008
			2L7A-78043B13-ANW 2L7A-78043B13-BHW 2L7A-78043B13-CGW	2L7A-78043B13-BHW 2L7A-78043B13-CGW	4L74-78043B13-ADW 4L74-78043B13-BDW	5L74-78043B13-AGW 5L74-78043B13-BGW	6L74-78043B13-AEW 6L74-78043B13-BEW	7L7A-78043B13-AKW	8L74-78043B13-AKW
Ford	E-150/250/350	VN127	2002	2003	2004	2005	2006	2007	2008
			2C2A-15043B13-ABW	2C2A-15043B13-ABW	4C24-15043B13-AFW 4C24-15043B13-BGW	4C24-15043B13-AFW 4C24-15043B13-BGW	6C24-15043B13-AAW	6C24-15043B13-AAW	6C24-15043B13-AAW
Ford	F250/350/450	P131	2002	2003	2004	2005	2006	2007	2008
			2L3A-15043B13-AAW	2L3A-15043B13-AAW	4C34-25043B13-ACW	5C34-25043B13-BBW	6C34-25043B13-ADW	7C34-25043B13-AGW	N/A

Subject Vehicles									
Make	Model	Program	Model Years						
Ford	Excursion	U137	2002	2003	2004	2005	2006	2007	2008
			2L3A-15043B13-AAW	2L3A-15043B13-AAW	4C34-25043B13-ACW	4C34-25043B13-ACW	6C34-25043B13-ADW		
Ford	F350/450/505	P356	2002	2003	2004	2005	2006	2007	2008
			N/A	N/A	N/A	N/A	N/A	7C34-25043B13-AGW	8C34-25043B13-ACW
Ford	Ranger	P150/151	2002	2003	2004	2005	2006	2007	2008
			1L5A-10043B13-ACW 1L5A-10043B13-BCW 1L5A-10043B13-CAW 1L5A-10043B13-DAW	1L5A-10043B13-ACW 1L5A-10043B13-BCW 1L5A-10043B13-CAW 1L5A-10043B13-DAW	4L54-10043B13-AMW 4L54-10043B13-BNW	4L54-10043B13-AMW 4L54-10043B13-BNW	6L54-10043B13-AAW	7L54-10043B13-ACW 7L54-10043B13-BCW	
Ford	Escape	U377	2002	2003	2004	2005	2006	2007	2008
			YL84-78043B13-AGW YL84-78043B13-BJW YL84-78043B13-CLW YL84-78043B13-DJW YL84-78043B13-ELW YL84-78043B13-GHW YL84-78043B13-HKW YL84-78043B13-LEW YL84-78043B13-MFW YL84-78043B13-NFW YL84-78043B13-PFW YL84-78043B13-RFW YL84-78043B13-SEW YL84-78043B13-TFW  2L84-78043B13-KAW 2L84-78043B13-UAW	YL84-78043B13-AGW YL84-78043B13-BJW YL84-78043B13-DJW YL84-78043B13-GHW YL84-78043B13-LEW YL84-78043B13-MFW YL84-78043B13-SEW  3L84-78043B13-CAW 3L84-78043B13-EBW 3L84-78043B13-HAW 3L84-78043B13-KBW 3L84-78043B13-NAW 3L84-78043B13-PAW 3L84-78043B13-RBW 3L84-78043B13-TAW 3L84-78043B13-UBW	YL84-78043B13-AGW YL84-78043B13-BJW YL84-78043B13-DJW YL84-78043B13-GHW YL84-78043B13-LEW YL84-78043B13-MFW YL84-78043B13-SEW  3L84-78043B13-CAW 3L84-78043B13-EBW 3L84-78043B13-HAW 3L84-78043B13-KBW 3L84-78043B13-NAW 3L84-78043B13-PAW 3L84-78043B13-RBW 3L84-78043B13-TAW 3L84-78043B13-UBW	5L84-78043B13-AAW 5L84-78043B13-GBW 5L84-78043B13-HCW 5L84-78043B13-KCW 5L84-78043B13-LAW 5L84-78043B13-MEW 5L84-78043B13-NFW 5L84-78043B13-PFW	6L84-78043B13-MAW 6L84-78043B13-NAW 6L84-78043B13-PAW	7L84-78043B13-GAW 7L84-78043B13-HAW 7L84-78043B13-KAW 7L84-78043B13-MAW 7L84-78043B13-NAW 7L84-78043B13-PAW 7L84-78043B13-UAW	8L84-78043B13-ANW
Mercury	Mariner	U364	2002	2003	2004	2005	2006	2007	2008
						5E64-78043B13-ABW 5E64-78043B13-BBW	6E64-78043B13-AAW	7E64-78043B13-AAW 7E64-78043B13-BAW	8E64-78043B13-AMW

Subject Vehicles									
Make	Model	Program	Model Years						
Ford	Windstar	WIN126/V/229	2002	2003	2004	2005	2006	2007	2008
			2F22-3F824-AAW 2F22-3F824-BAW 2F22-3F824-CAW 2F22-3F824-DAW 2F22-3F824-GAW 2F22-3F824-HAW  YF2A-54043B13-A	3F23-3F824-CAW 3F23-3F824-DAW 3F23-3F824-GAW 3F23-3F824-HAW  3F23-17043B13-A 3F23-17043B13-B	4F23-3F824-ANW 4F23-3F824-BPW 4F23-3F824-CNW 4F23-3F824-DNW 4F23-3F824-EPW  4F23-17043B13-ACW 4F23-17043B13-BCW	N/A	N/A	N/A	N/A
Ford	Freestar	V229	2002	2003	2004	2005	2006	2007	2008
			N/A	N/A	N/A	5F23-3F824-AGW 5F23-3F824-BGW 5F23-3F824-CEW 5F23-3F824-DGW 5F23-3F824-EGW 5F23-3F824-FGW 5F23-3F824-GGW  5F23-17043B13-ABW 5F23-17043B13-BBW	5F23-17043B13-ABW 5F23-17043B13-BBW	5F23-17043B13-ABW 5F23-17043B13-BBW	5F23-17043B13-ABW 5F23-17043B13-BBW
Mercury	Monterey	V229	2002	2003	2004	2005	2006	2007	2008
			N/A	3F23-17043B13-C	4F23-17043B13-CCW	5F23-17043B13-CBW	5F23-17043B13-CBW	5F23-17043B13-CBW	5F23-17043B13-CBW
Ford	Freestyle	D219	2002	2003	2004	2005	2006	2007	2008
			N/A	N/A	N/A	5F93-74043B13-ARW 5F93-74043B13-BRW	6F93-74043B13-AEW 6F93-74043B13-BEW	6F93-74043B13-AEW 6F93-74043B13-BEW	N/A
Ford	Taurus X	D219	2002	2003	2004	2005	2006	2007	2008
			N/A	N/A	N/A	N/A	N/A	N/A	8G13-74043B13-AUW
Ford	Taurus	D186	2002	2003	2004	2005	2006	2007	2008
			2F1A-3F824-ACW 2F1A-3F824-BCW 2F1A-3F824-FBW 2F1A-3F824-GAW 2F1A-3F824-HAW 2F1A-3F824-JAW 2F1A-3F824-KAW 2F1A-3F824-LAW  XF1A-54043B13-ABW	XF1A-54043B13-ABW	4F13-54043B13-AKW	5F13-54043B13-AAW	6F13-54043B13-ABW	NA	N/A

Subject Vehicles									
Make	Model	Program	Model Years						
Ford	Sable	D186	2002	2003	2004	2005	2006	2007	2008
					4F43-54043B13-AKW	5F43-54043B13-AAW	6F43-54043B13-AAW	NA	N/A
Ford	Five Hundred	D258	2002	2003	2004	2005	2006	2007	2008
			N/A	N/A	N/A	5F93-74043B13-ARW 5F93-74043B13-BRW	6F93-74043B13-AEW 6F93-74043B13-BEW	6F93-74043B13-AEW 6F93-74043B13-BEW	N/A
Ford	Taurus	D258	2002	2003	2004	2005	2006	2007	2008
			N/A	N/A	N/A	N/A	N/A	N/A	8G13-74043B13-AUW
Mercury	Montego	D333	2002	2003	2004	2005	2006	2007	2008
			N/A	N/A	N/A	5T53-78043B13-ARW	6T53-78043B13-AFW	6T53-78043B13-AFW	N/A
Mercury	Sable	D333	2002	2003	2004	2005	2006	2007	2008
			N/A	N/A	N/A	N/A	N/A	N/A	8T53-74043B13-ASW



---

**From:** Dean, Michael (M.J.)  
**Sent:** Tuesday, April 13, 2010 5:56 PM  
**To:** Culkeen, Patrick (P.M.)  
**Cc:** Chascsa, Jim (JRCII.)  
**Subject:** Subject Peer Vehicle List

**Attachments:** Subject\_Peer Vehicle List\_04-13-2010.xls

Hello Patrick,

Hope that your day is going well.

Here is an updated subject peer vehicle list with corresponding part numbers for 2002 - 2008 ( Explorer, Sport Trac, Mountaineer, Aviator, Expedition, Navigator)



Subject\_Peer  
Vehicle List\_04-1...

I will be reviewing this information with Jim Chascsa in the morning.

Many thanks for your support.

Have a great day,  
"Teamwork Leads to Success!"  
Michael J. Dean  
Ford Restraints - SW/DAB D&R Eng  
C170/B299N/C346N  
PDC 1D-E27  
Ford Cell Ph : (313) 805-7890  
Email Addr : mdean6@ford.com

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Subject Vehicles									
Make	Model	Program	Model Years						
Ford	F-150	P221	2002	2003	2004	2005	2006	2007	2008
					4L34-15043B13-CDW	5L34-1504B13-CDW	6L34-A5043B13-CCW	7L34-15043B13-CBW	
Ford	F-150	PN96	2002	2003	2004	2005	2006	2007	2008
						5L34-15034B13-ACW	6L34-15034B13-CCW		
Lincoln	Mark LT	P221	2002	2003	2004	2005	2006	2007	2008
						5L34-1504B13-BEW	6L34-1504B13-BBW		
Ford	Explorer	U152/U207/U251	2002	2003	2004	2005	2006	2007	2008
			2L2A-78043B13-ABW	3L24-78043B13-ABW	4L24-78043B13-ABW	5L24-78043B13-ABW 5L24-78043B13-BBW	6L24-78043B13-AKW	7L24-78043B13-AAW	8L24-78043B13-AAW
Ford	Sport Trac	P207/P251	2002	2003	2004	2005	2006	2007	2008
			2L2A-78043B13-ABW	3L24-78043B13-ABW	4L24-78043B13-ABW	5L24-78043B13-ABW 5L24-78043B13-BBW	6L24-78043B13-AKW	7L24-78043B13-AAW	8L24-78043B13-AAW
Mercury	Mountaineer	???	2002	2003	2004	2005	2006	2007	2008
			2L2A-78043B13-BBW	3L24-78043B13-BBW	4L24-78043B13-BBW	5L24-78043B13-BBW	6L94-78043B13-AKW	7L94-78043B13-AAW	8L94-78043B13-AAW
Lincoln	Aviator	U231	2002	2003	2004	2005	2006	2007	2008
			2C5A-78043B13-AFW 2C5A-78043B13-BFW 2C5A-78043B13-CFW	3C54-78043B13-ACW 3C54-78043B13-BCW	4C54-78043B13-ABW 4C54-78043B13-BBW	5C54-78043B13-ACW 5C54-78043B13-BCW	N/A	N/A	N/A
Ford	Expedition	U222	2002	2003	2004	2005	2006	2007	2008
			2L2A-78043B13-ABW	3L24-78043B13-ABW	4L14-78043B13-ABW	5L14-78043B13-ADW	6L14-78043B13-ACW	7L14-78043B13-ALW	8L14-78043B13-ACW
Lincoln	Navigator	U228	2002	2003	2004	2005	2006	2007	2008
			2L7A-78043B13-ANW 2L7A-78043B13-BHW 2L7A-78043B13-CGW	2L7A-78043B13-BHW 2L7A-78043B13-CGW	4L74-78043B13-ADW 4L74-78043B13-BDW	5L74-78043B13-AGW 5L74-78043B13-BGW	6L74-78043B13-AEW 6L74-78043B13-BEW	7L7A-78043B13-AKW	8L74-78043B13-AKW

---

**From:** Dean, Michael (M.J.)  
**Sent:** Thursday, May 13, 2010 6:12 PM  
**To:** Culkeen, Patrick (P.M.)  
**Subject:** U152 SW/DAB pics - group 1

**Attachments:** U152\_SW-DAB\_Clockspring\_Pictures\_P04.pdf; U152\_SW-DAB\_Clockspring\_Pictures\_P01.pdf; U152\_SW-DAB\_Clockspring\_Pictures\_P02.pdf; U152\_SW-DAB\_Clockspring\_Pictures\_P03.pdf

Hello Patrick,

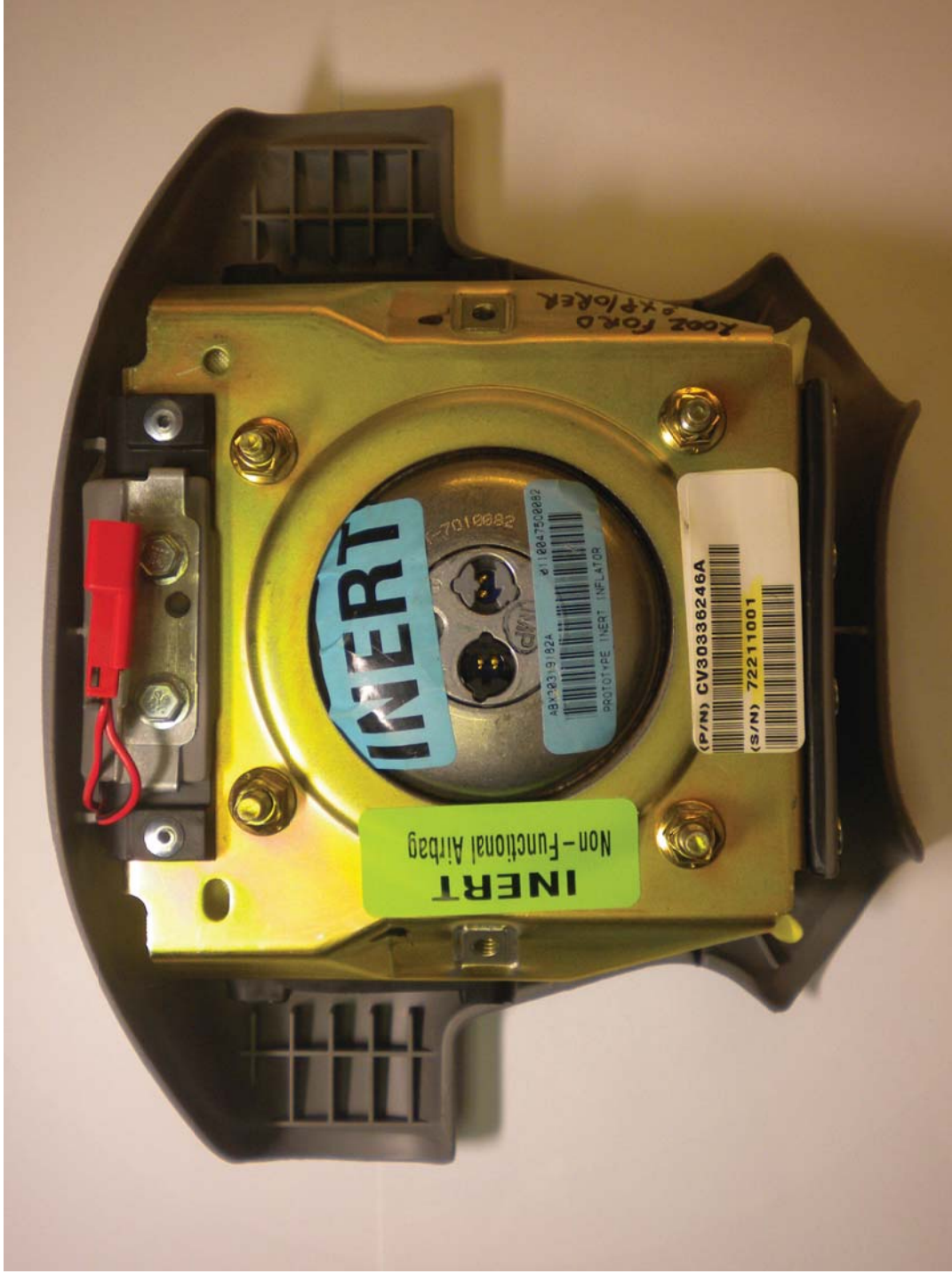


U152\_SW-DAB\_Clo U152\_SW-DAB\_Clo U152\_SW-DAB\_Clo U152\_SW-DAB\_Clo  
ckspring\_Pictur... ckspring\_Pictur... ckspring\_Pictur... ckspring\_Pictur...

Have a great day,  
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Email Addr : mdean6@ford.com

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## U152 (Explorer) SW/DAB/Clock Spring Views



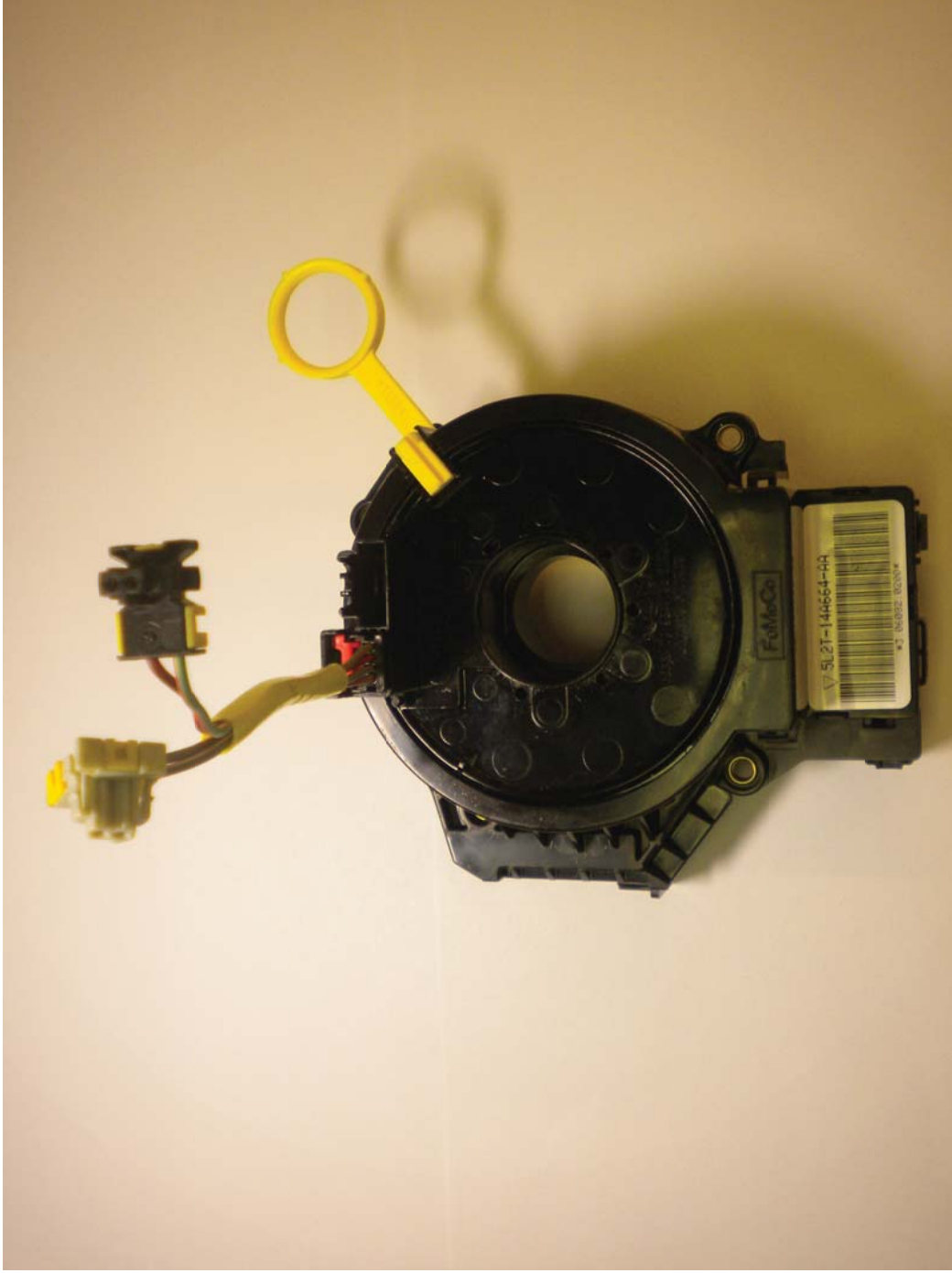
Rear view of U152 (Explorer) Driver Airbag

## U152 (Explorer) SW/DAB/Clock Spring Views



Front view of U152 (Explorer) Steering Wheel  
(back cover & switches removed for visibility)

## U152 (Explorer) SW/DAB/Clock Spring Views



Front view of U152 (Explorer) Clock Spring



## U152 (Explorer) SW/DAB/Clock Spring Views



Front view of U152 (Explorer) Driver Airbag

---

**From:** Dean, Michael (M.J.)  
**Sent:** Thursday, May 13, 2010 6:12 PM  
**To:** Culkeen, Patrick (P.M.)  
**Subject:** U152 SW/DAB pics - group 2

**Attachments:** U152\_SW-DAB\_Clockspring\_Pictures\_P08.pdf; U152\_SW-DAB\_Clockspring\_Pictures\_P05.pdf; U152\_SW-DAB\_Clockspring\_Pictures\_P06.pdf; U152\_SW-DAB\_Clockspring\_Pictures\_P07.pdf



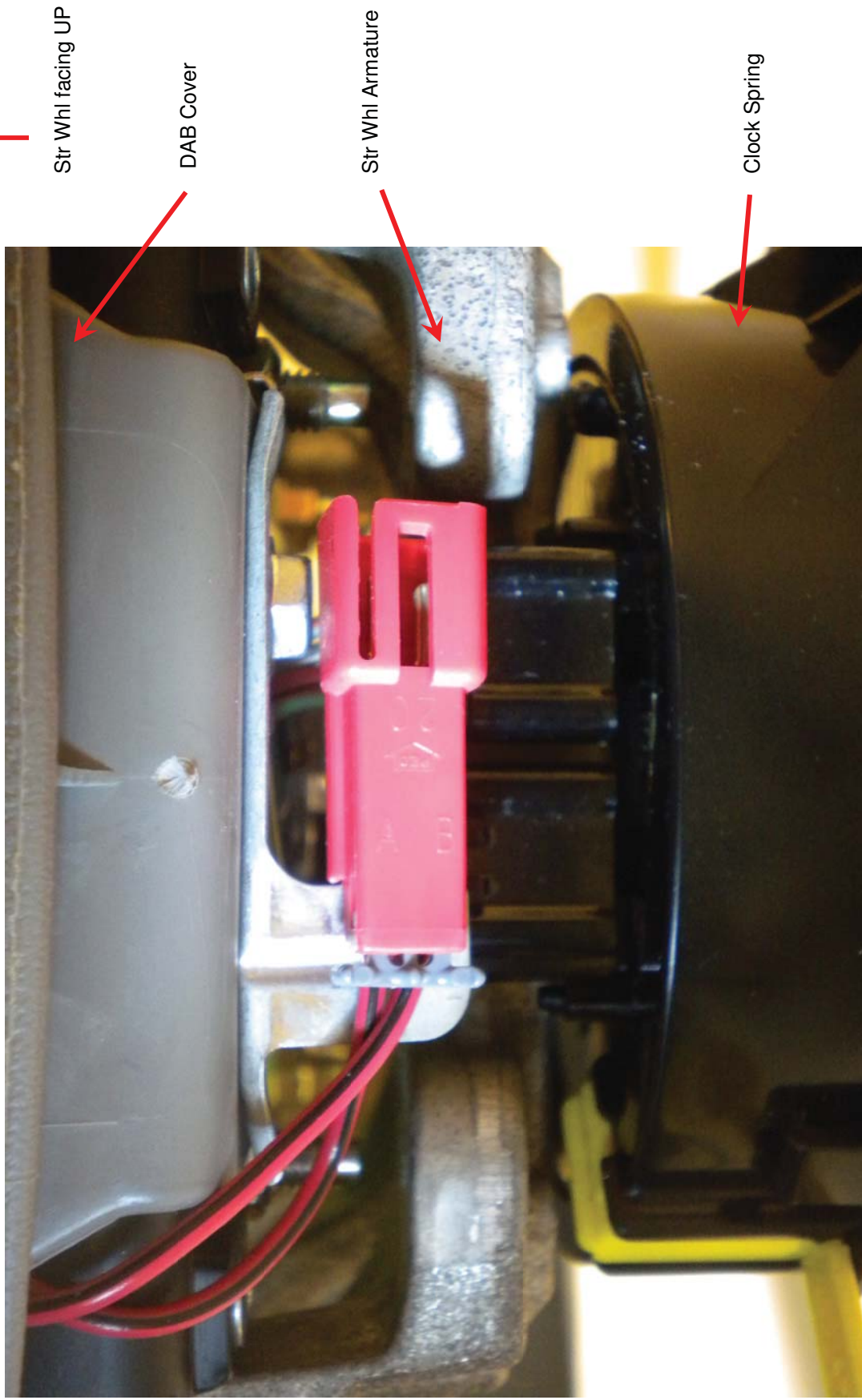
U152\_SW-DAB\_Clo U152\_SW-DAB\_Clo U152\_SW-DAB\_Clo U152\_SW-DAB\_Clo  
ckspring\_Pictur... ckspring\_Pictur... ckspring\_Pictur... ckspring\_Pictur...

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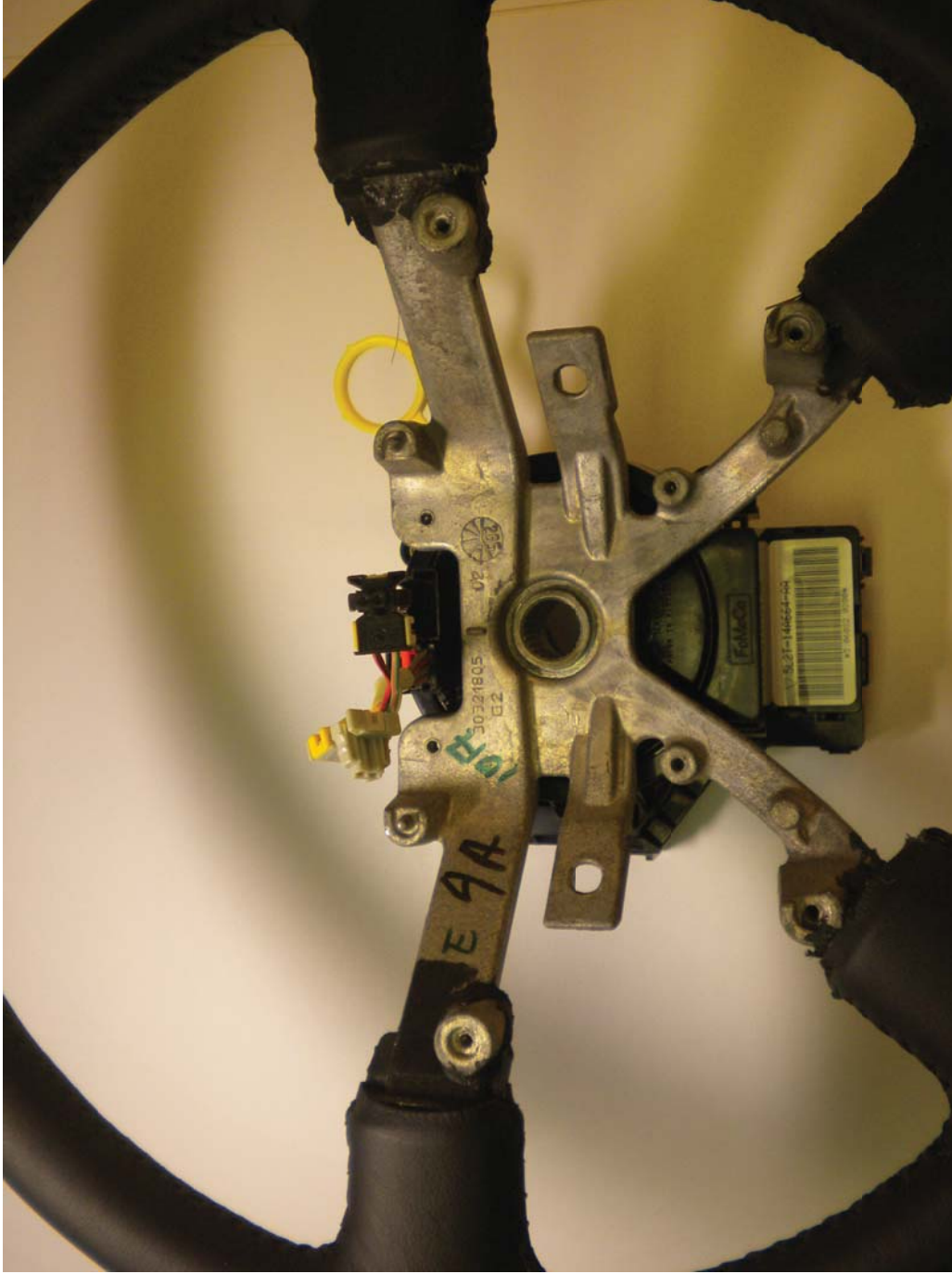


## U152 (Explorer) SW/DAB/Clock Spring Views



Top side view of clock spring, Str Whl, DAB

## U152 (Explorer) SW/DAB/Clock Spring Views



Front view of U152 (Explorer) Str Whl & Clock spring





## U152 (Explorer) SW/DAB/Clock Spring Views



Front view of U152 (Explorer) DAB installed into Str Whl

---

**From:** Dean, Michael (M.J.)  
**Sent:** Thursday, May 13, 2010 6:12 PM  
**To:** Culkeen, Patrick (P.M.)  
**Subject:** U152 SW/DAB pics - group 3

**Attachments:** U152\_SW-DAB\_Clockspring\_Pictures\_P12.pdf; U152\_SW-DAB\_Clockspring\_Pictures\_P09.pdf; U152\_SW-DAB\_Clockspring\_Pictures\_P10.pdf; U152\_SW-DAB\_Clockspring\_Pictures\_P11.pdf

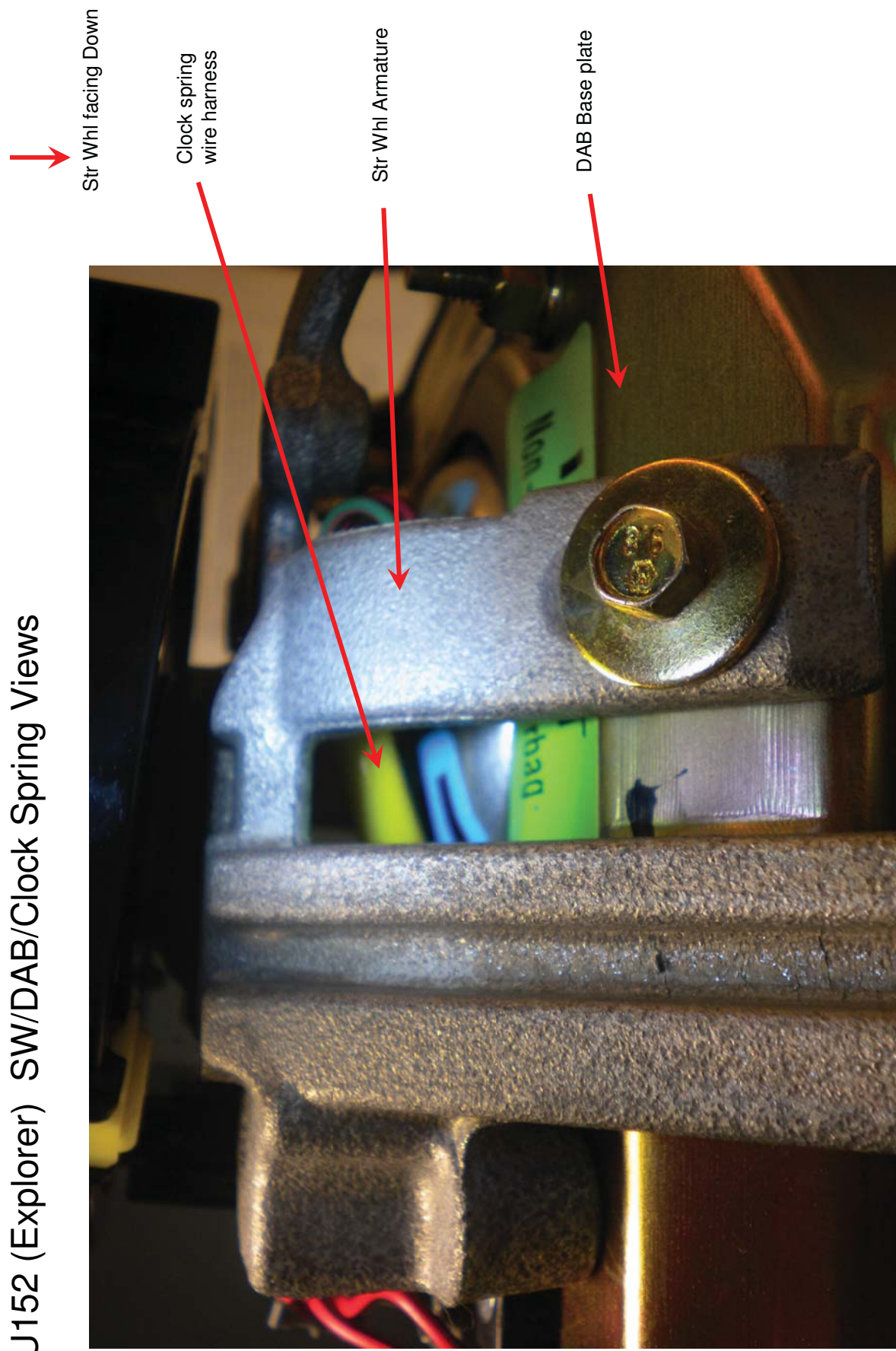


U152\_SW-DAB\_Clo U152\_SW-DAB\_Clo U152\_SW-DAB\_Clo U152\_SW-DAB\_Clo  
ckspring\_Pictur... ckspring\_Pictur... ckspring\_Pictur... ckspring\_Pictur...

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## U152 (Explorer) SW/DAB/Clock Spring Views



Right side view of clock spring, Str Whl, DAB (overall assembly turned over)

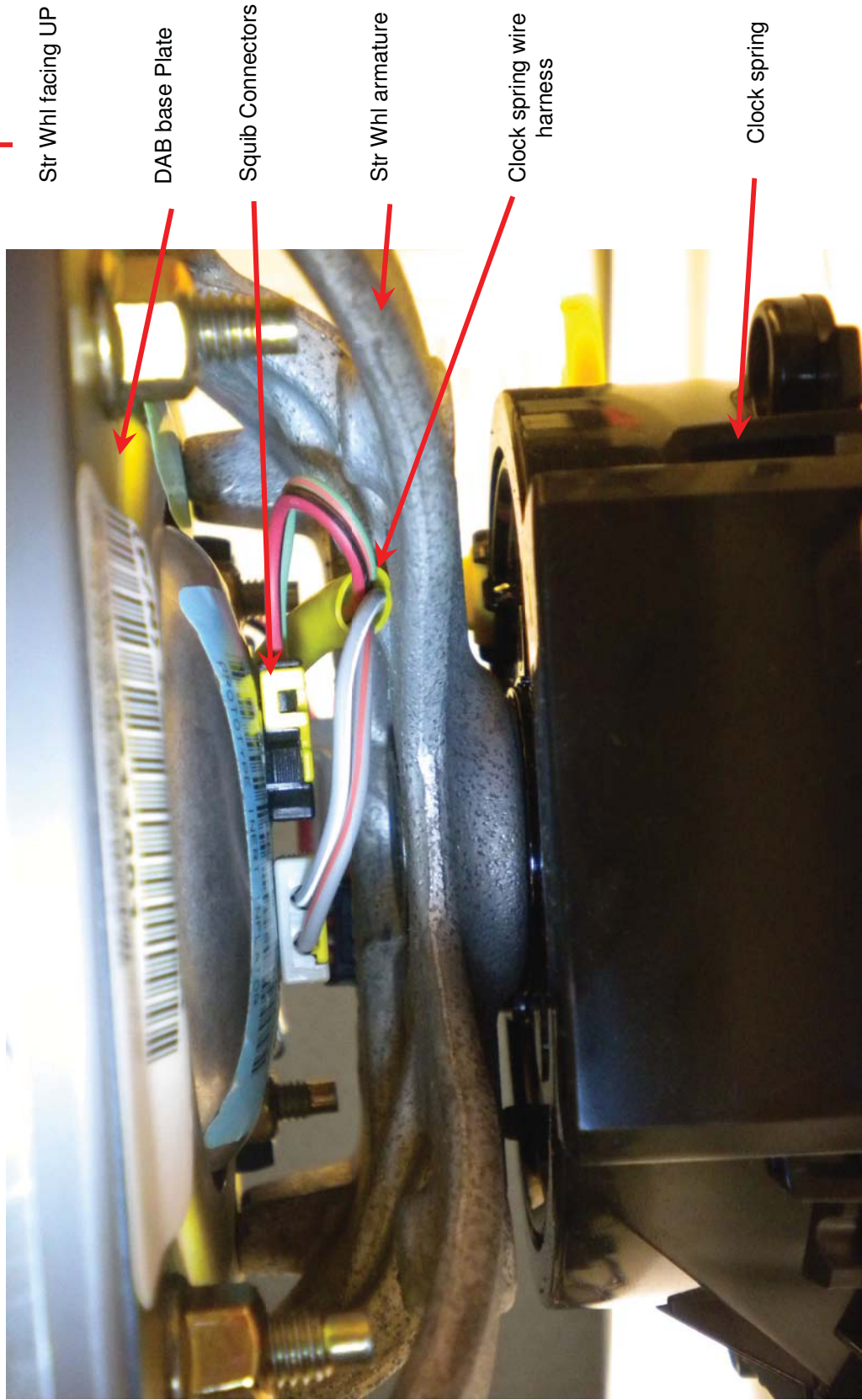


## U152 (Explorer) SW/DAB/Clock Spring Views



Left side view of clock spring, Str Whl, DAB

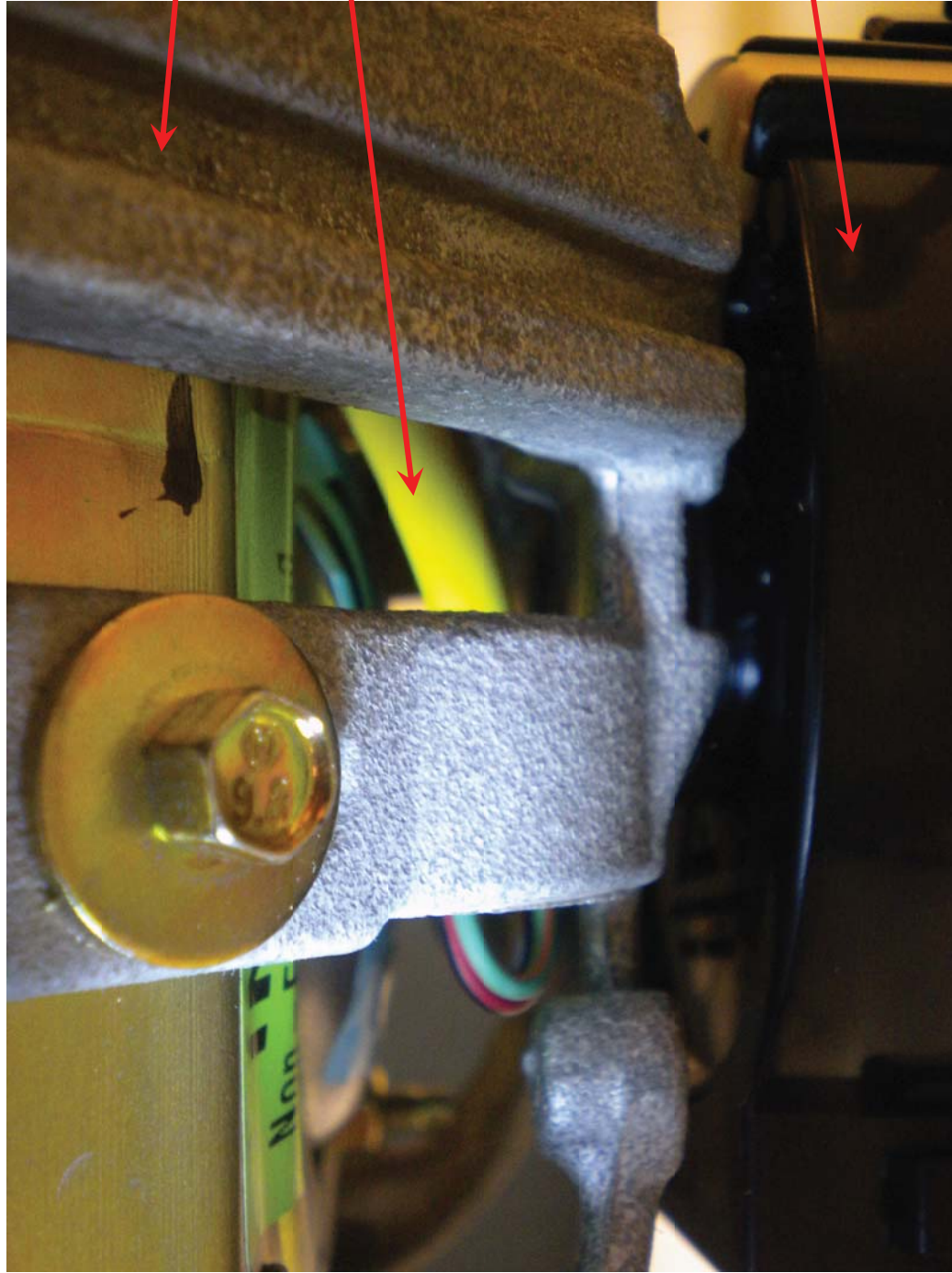
## U152 (Explorer) SW/DAB/Clock Spring Views



Bottom side view of clock spring, Str Whl, DAB



## U152 (Explorer) SW/DAB/Clock Spring Views



Right side view of clock spring, Str Whl, DAB

---

**From:** Dean, Michael (M.J.)  
**Sent:** Thursday, May 13, 2010 6:12 PM  
**To:** Culkeen, Patrick (P.M.)  
**Subject:** U152 SW/DAB pics - group 4

**Attachments:** U152\_SW-DAB\_Clockspring\_Pictures\_P15.pdf; U152\_SW-DAB\_Clockspring\_Pictures\_P13.pdf; U152\_SW-DAB\_Clockspring\_Pictures\_P14.pdf



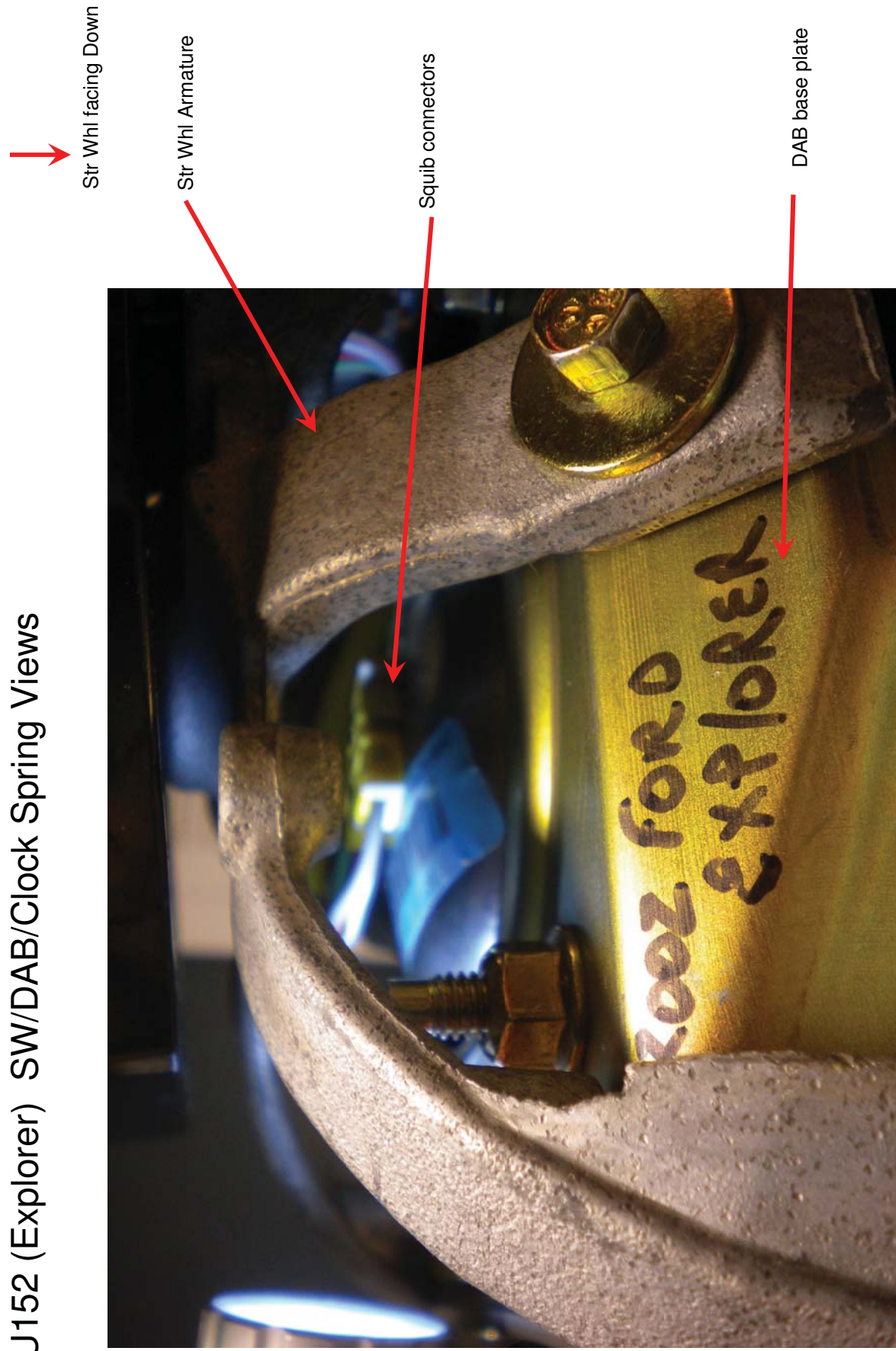
U152\_SW-DAB\_Clo U152\_SW-DAB\_Clo U152\_SW-DAB\_Clo  
ckspring\_Pictur... ckspring\_Pictur... ckspring\_Pictur...



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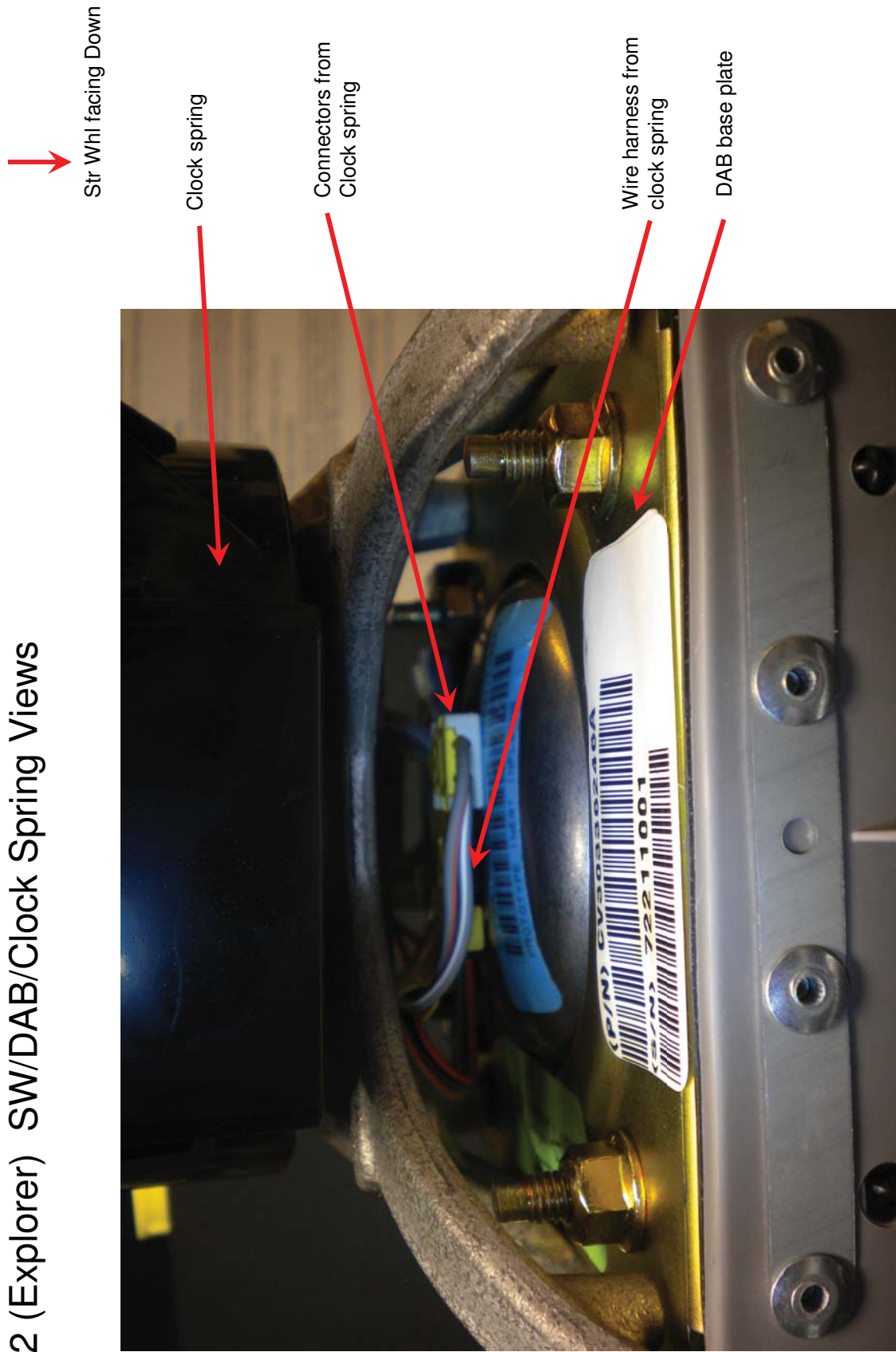
## U152 (Explorer) SW/DAB/Clock Spring Views



Left side view of clock spring, Str Whl, DAB (overall assembly turned over)

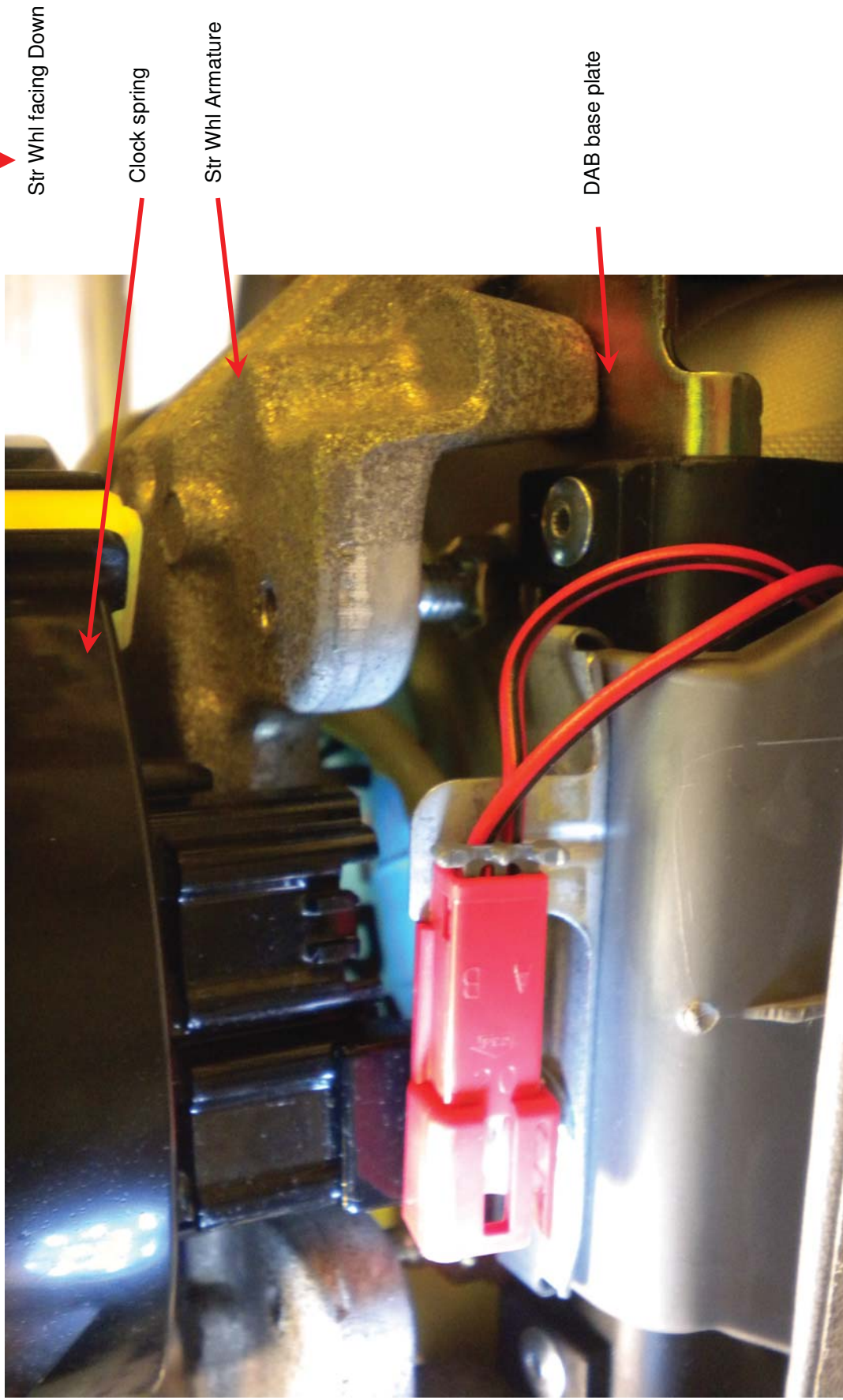


## U152 (Explorer) SW/DAB/Clock Spring Views



bottom side view of clock spring, Str Whl, DAB (overall assembly turned over)

## U152 (Explorer) SW/DAB/Clock Spring Views



Top side view of clock spring, Str Whl, DAB (overall assembly turned over)

---

**From:** Dean, Michael (M.J.)  
**Sent:** Thursday, May 13, 2010 4:45 PM  
**To:** Culkeen, Patrick (P.M.)  
**Subject:** U231/U228 pics - group 1

**Attachments:** U231-U228\_SW-DAB\_Clockspring\_Pictures\_P04.pdf; U231-U228\_SW-DAB\_Clockspring\_Pictures\_P01.pdf; U231-U228\_SW-DAB\_Clockspring\_Pictures\_P02.pdf; U231-U228\_SW-DAB\_Clockspring\_Pictures\_P03.pdf

Hello Pat:

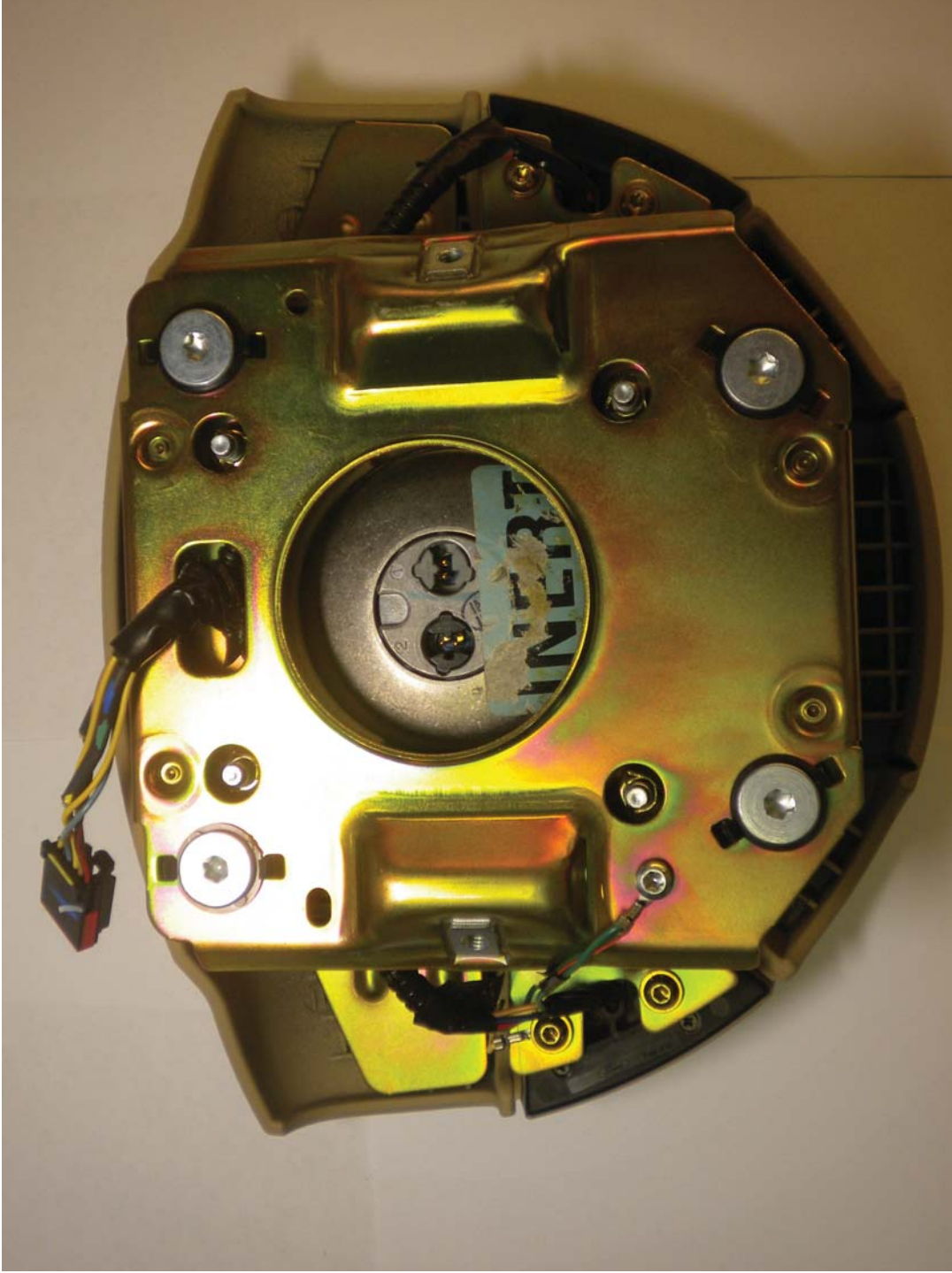


U231-U228\_SW-DAU231-U228\_SW-DAU231-U228\_SW-DAU231-U228\_SW-DA  
B\_Clockspring\_P... B\_Clockspring\_P... B\_Clockspring\_P... B\_Clockspring\_P...

Have a great day,  
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## U231/U228 (Aviator/Navigator) SW/DAB/Clock Spring Views



Rear view of U231/U228 (Aviator/Navigator) Driver Airbag



## U231/U228 (Aviator/Navigator) SW/DAB/Clock Spring Views



Front view of U231/U228 (Aviator/Navigator) Steering Wheel  
(back cover removed for visibility)



U231/U228 (Aviator/Navigator) SW/DAB/Clock Spring Views



Front view of U231/U228 (Aviator/Navigator) Clock Spring

## U231/U228 (Aviator/Navigator) SW/DAB/Clock Spring Views



Front view of U231/U228 (Aviator/Navigator) Driver Airbag

---

**From:** Dean, Michael (M.J.)  
**Sent:** Thursday, May 13, 2010 4:45 PM  
**To:** Culkeen, Patrick (P.M.)  
**Subject:** U231/U228 pics - group 2

**Attachments:** U231-U228\_SW-DAB\_Clockspring\_Pictures\_P08.pdf; U231-U228\_SW-DAB\_Clockspring\_Pictures\_P05.pdf; U231-U228\_SW-DAB\_Clockspring\_Pictures\_P06.pdf; U231-U228\_SW-DAB\_Clockspring\_Pictures\_P07.pdf



U231-U228\_SW-DAU231-U228\_SW-DAU231-U228\_SW-DAU231-U228\_SW-DA  
B\_Clockspring\_P... B\_Clockspring\_P... B\_Clockspring\_P... B\_Clockspring\_P...

Have a great day,  
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## U231/U228 (Aviator/Navigator) SW/DAB/Clock Spring Views



Top side view of clock spring, Str Whl, DAB

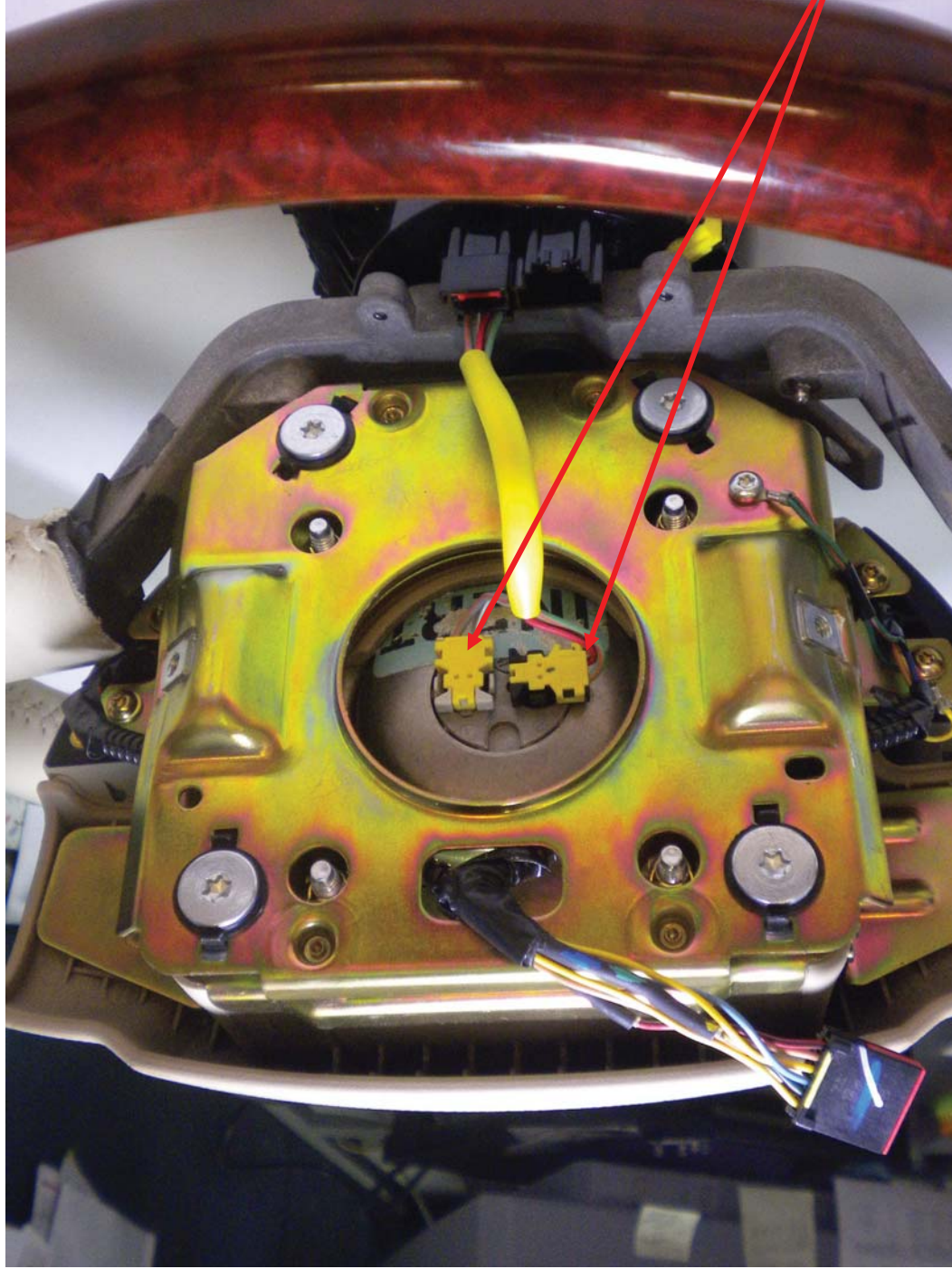


## U231/U228 (Aviator/Navigator) SW/DAB/Clock Spring Views



Front view of U231/U228 (Aviator/Navigator) Str Whl & Clock spring

## U231/U228 (Aviator/Navigator) SW/DAB/Clock Spring Views



Initial DAB level having squib  
connectors orientated 90  
degrees apart (squib  
connector orientation  
changed to be inline/parallel)

Angled view of U231/U228 (Aviator/Navigator) DAB with connectors from Clock spring engaged

\*\* DAB orientation is for picture clarity and is not installed in Str Whl)

## U231/U228 (Aviator/Navigator) SW/DAB/Clock Spring Views



Front view of U231/U228 (Aviator/Navigator) DAB installed into Str Whl



---

**From:** Dean, Michael (M.J.)  
**Sent:** Thursday, May 13, 2010 4:45 PM  
**To:** Culkeen, Patrick (P.M.)  
**Subject:** U231/U228 pics - group 3

**Attachments:** U231-U228\_SW-DAB\_Clockspring\_Pictures\_P12.pdf; U231-U228\_SW-DAB\_Clockspring\_Pictures\_P09.pdf; U231-U228\_SW-DAB\_Clockspring\_Pictures\_P10.pdf; U231-U228\_SW-DAB\_Clockspring\_Pictures\_P11.pdf



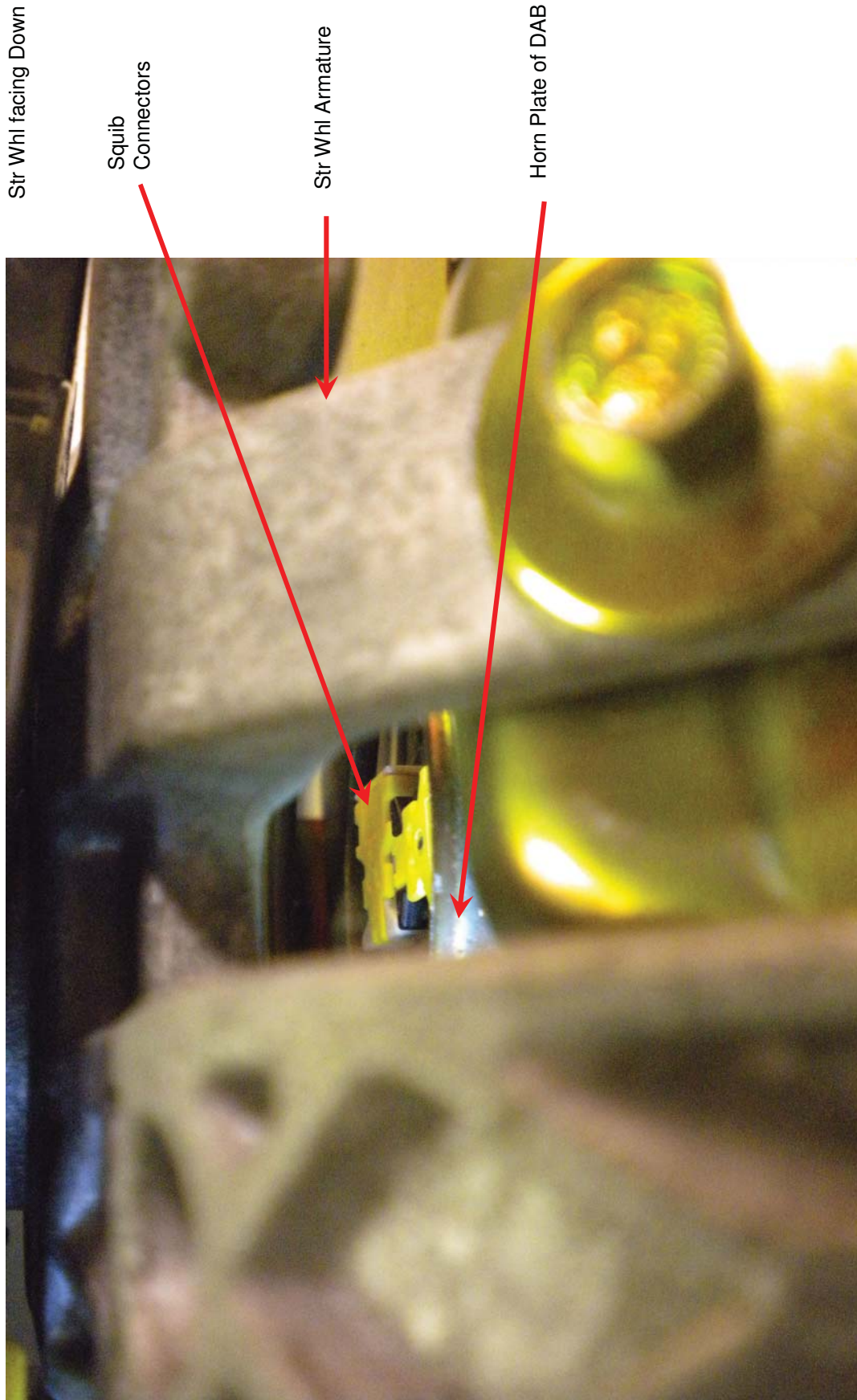
U231-U228\_SW-DAU231-U228\_SW-DAU231-U228\_SW-DAU231-U228\_SW-DA  
B\_Clockspring\_P... B\_Clockspring\_P... B\_Clockspring\_P... B\_Clockspring\_P...

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## U231/U228 (Aviator/Navigator) SW/DAB/Clock Spring Views



Right side view of clock spring, Str Whl, DAB (overall assembly turned over)

# U231/U228 (Aviator/Navigator) SW/DAB/Clock Spring Views

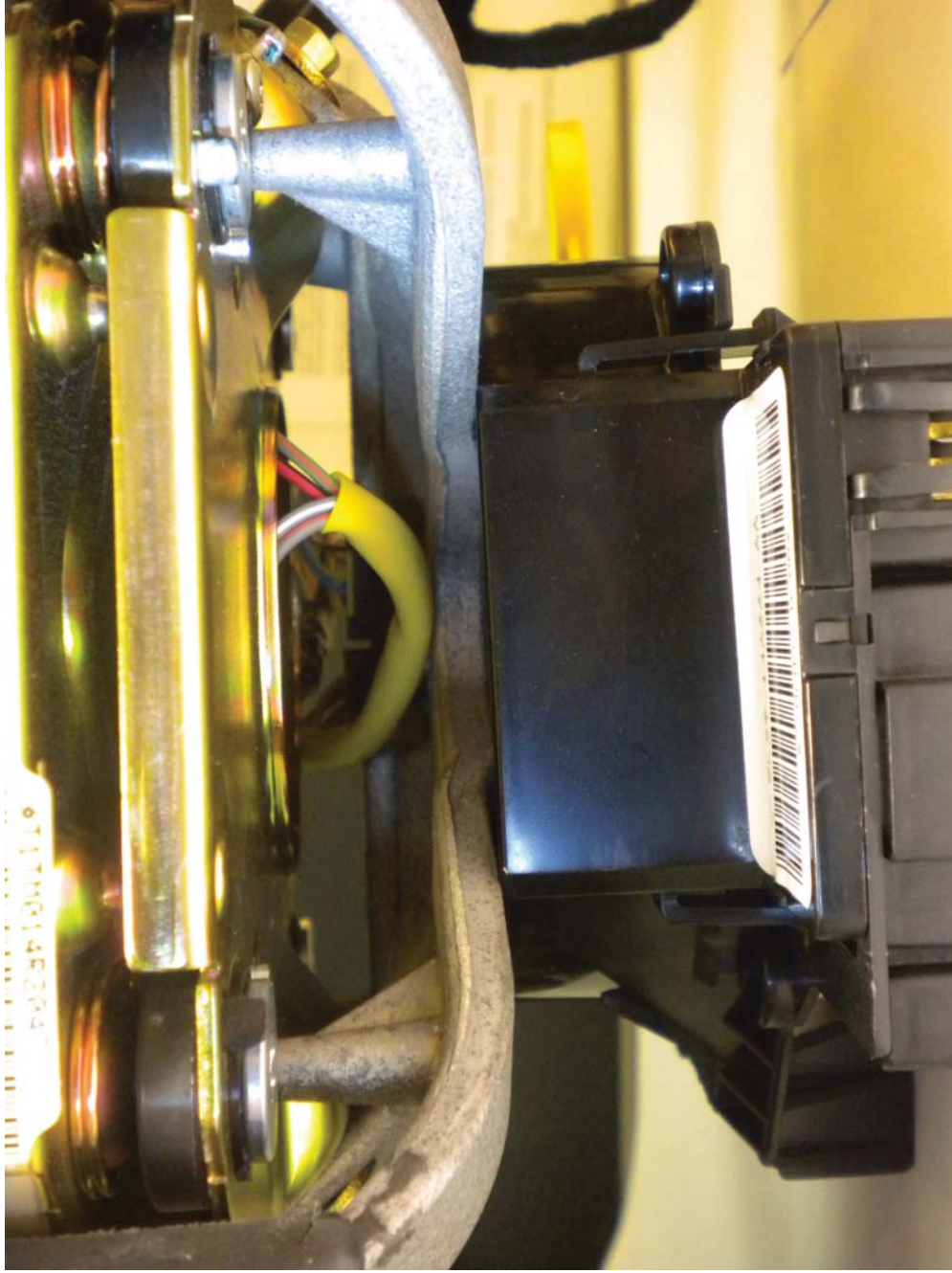


Str Whl facing UP

Left side view of clock spring, Str Whl, DAB



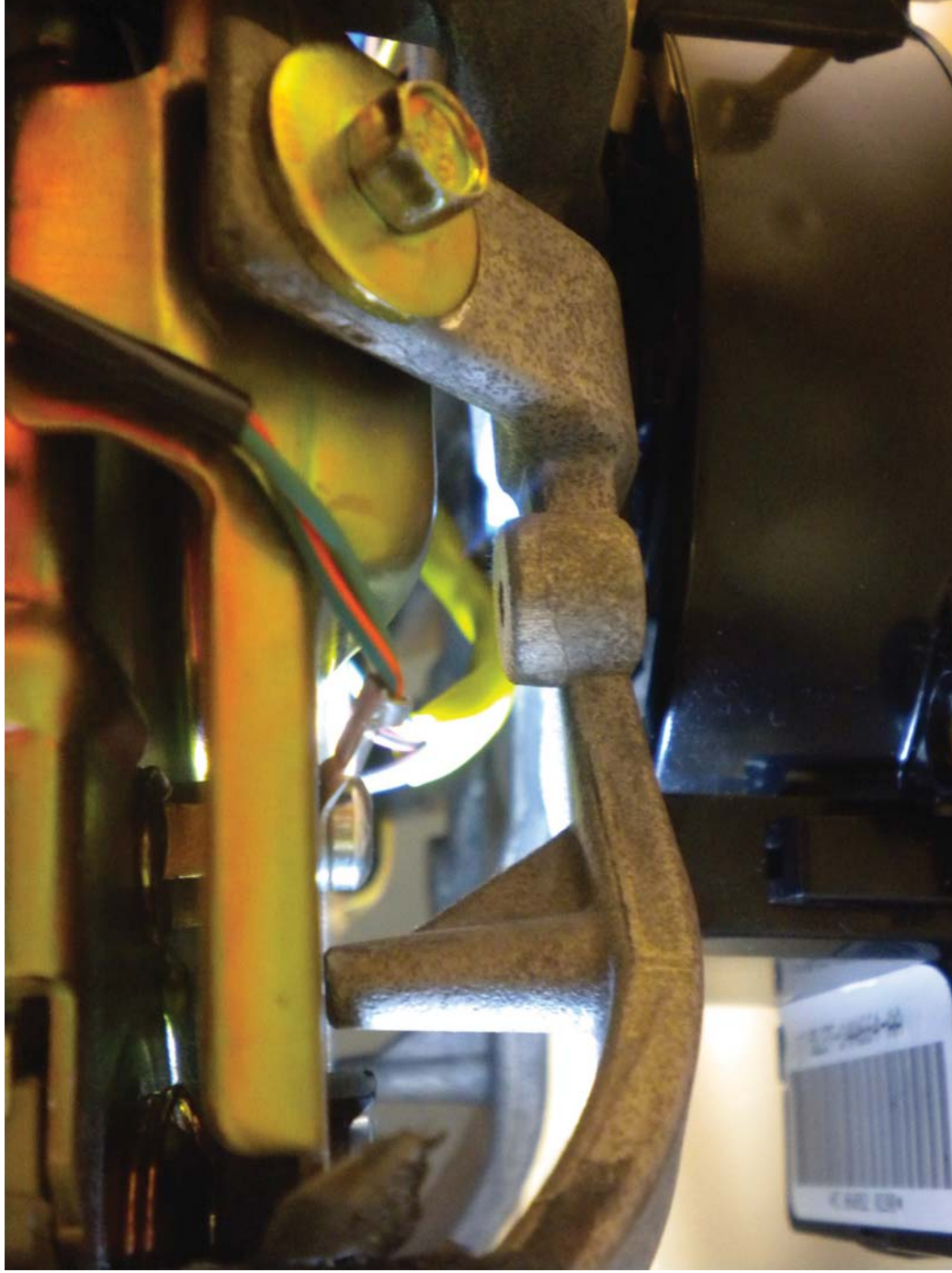
# U231/U228 (Aviator/Navigator) SW/DAB/Clock Spring Views



Str Whl facing UP

Bottom side view of clock spring, Str Whl, DAB

## U231/U228 (Aviator/Navigator) SW/DAB/Clock Spring Views



Str Whl facing UP

Right side view of clock spring, Str Whl, DAB

---

**From:** Dean, Michael (M.J.)  
**Sent:** Thursday, May 13, 2010 4:45 PM  
**To:** Culkeen, Patrick (P.M.)  
**Subject:** U231/U228 pics - group 4

**Attachments:** U231-U228\_SW-DAB\_Clockspring\_Pictures\_P15.pdf; U231-U228\_SW-DAB\_Clockspring\_Pictures\_P13.pdf; U231-U228\_SW-DAB\_Clockspring\_Pictures\_P14.pdf



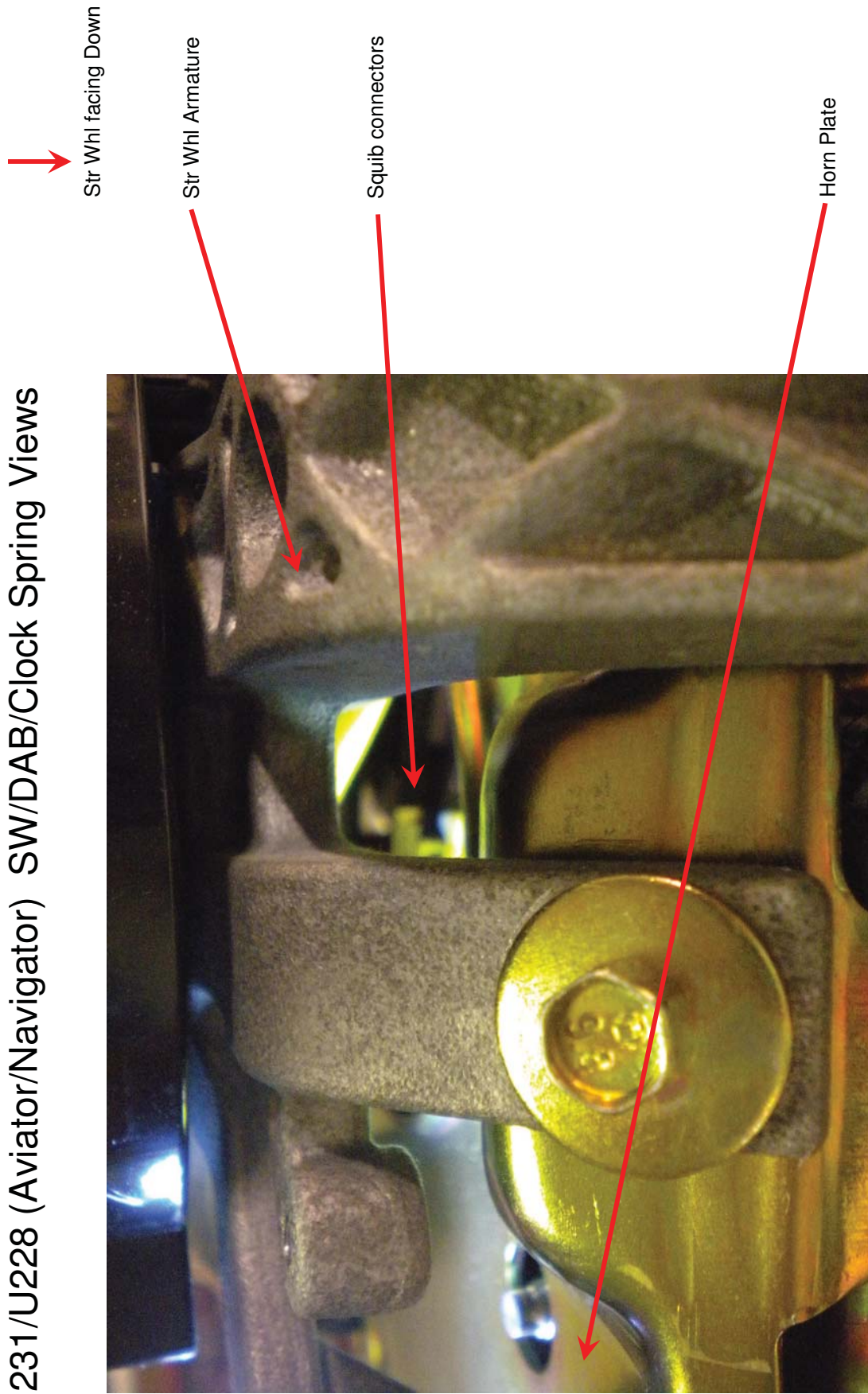
U231-U228\_SW-DAU231-U228\_SW-DAU231-U228\_SW-DA  
B\_Clockspring\_P... B\_Clockspring\_P... B\_Clockspring\_P...

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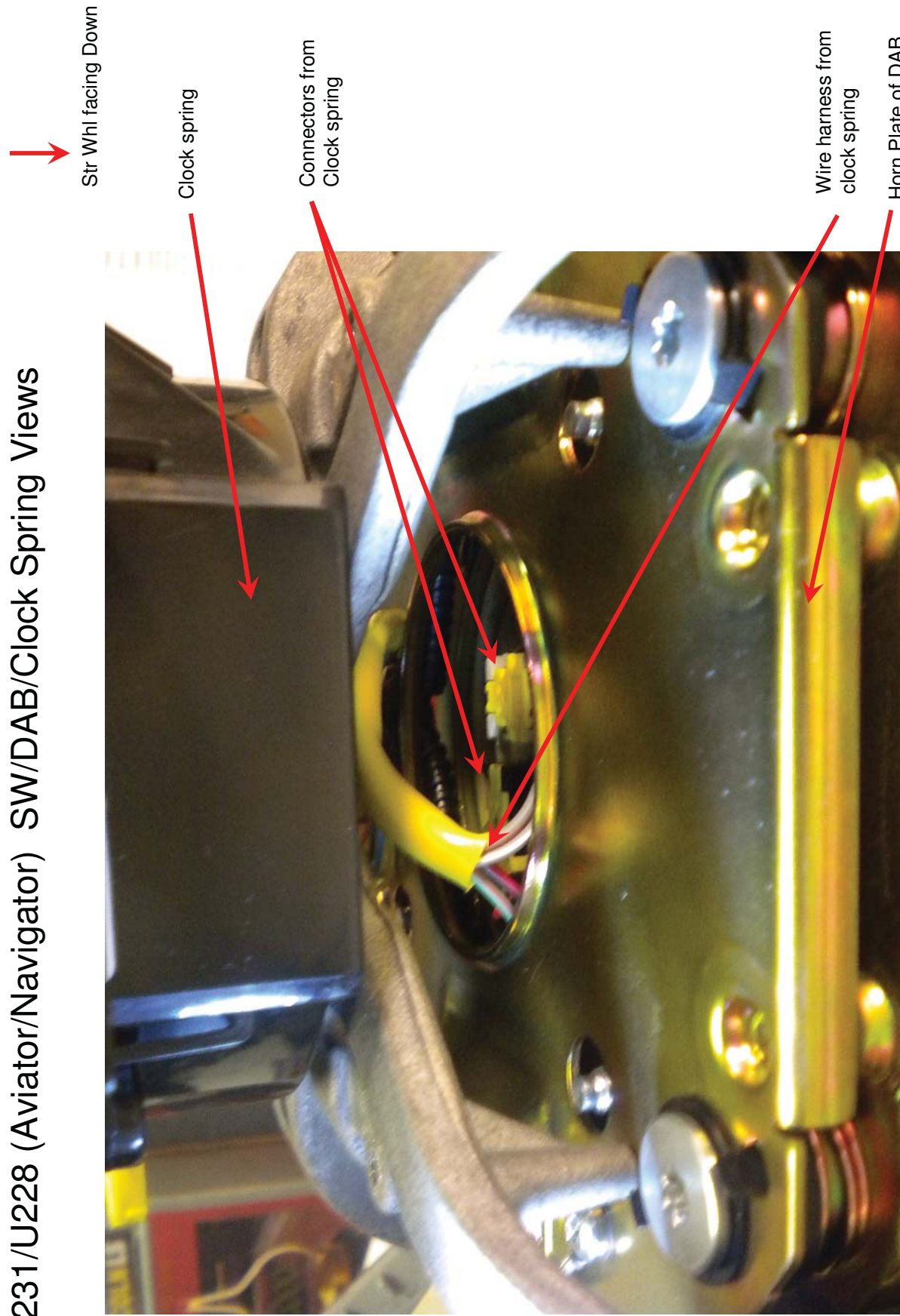


## U231/U228 (Aviator/Navigator) SW/DAB/Clock Spring Views



Left side view of clock spring, Str Wht, DAB (overall assembly turned over)

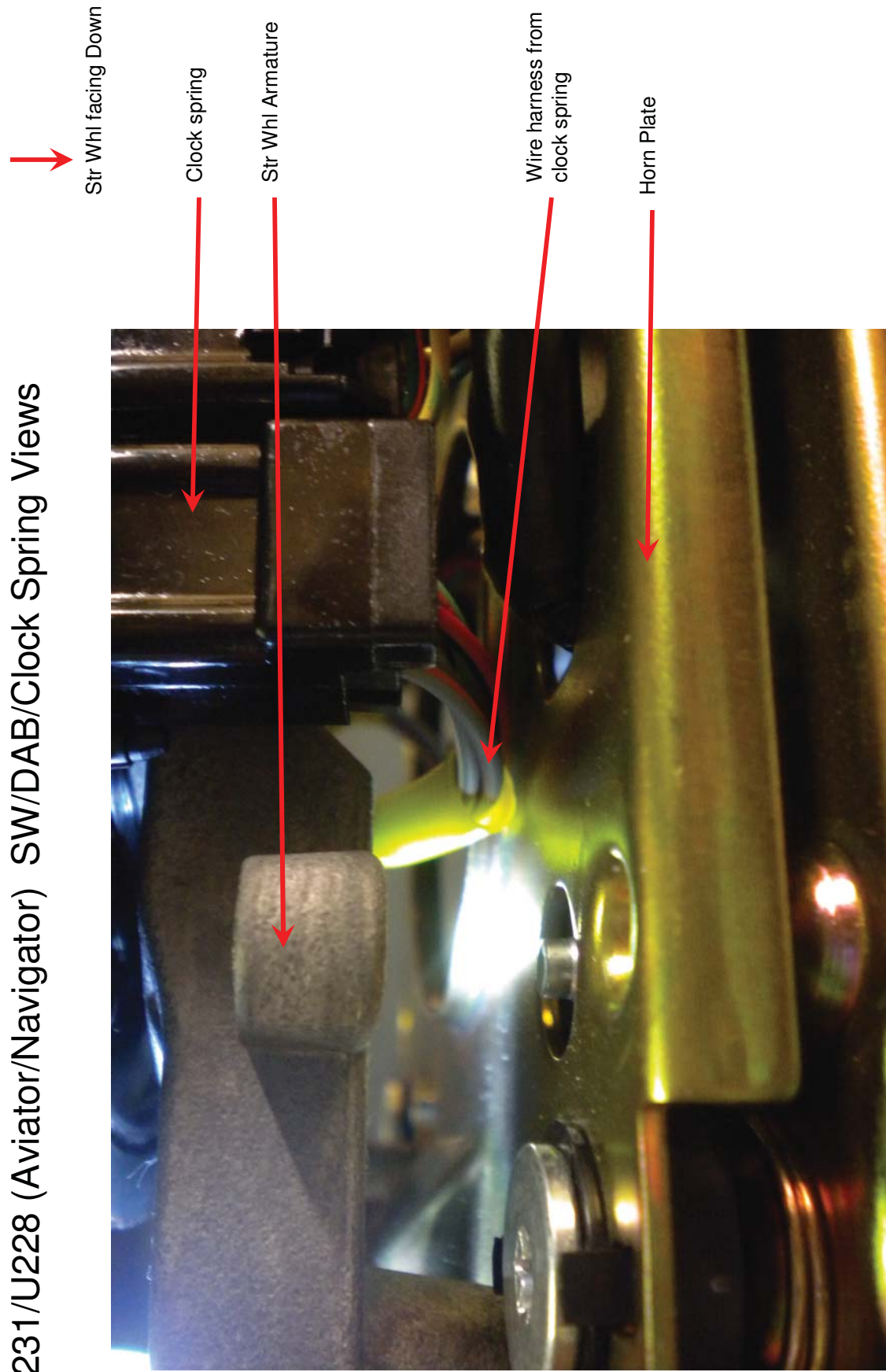
## U231/U228 (Aviator/Navigator) SW/DAB/Clock Spring Views



bottom side view of clock spring, Str Whl, DAB (overall assembly turned over)



## U231/U228 (Aviator/Navigator) SW/DAB/Clock Spring Views



Top side view of clock spring, Str Whl, DAB (overall assembly turned over)



---

**From:** Kreiger, Erik (E.)  
**Sent:** Wednesday, January 19, 2011 3:24 PM  
**To:** Welch, Sharon (S.L.); Hartstang, Joe (J.K.)  
**Subject:** UOI

Sharon.

We are going on Air Bag(10X11) per ASO. FRC will be 2.21.11.

I need UOI of this program ASAP so we can figure out a launch plan.

**Erik M. Kreiger**

FSA Parts Specialist & Buyer

313-390-5972

Ford Explorer NAIAS Truck of the Year

Have you driven a Ford lately?

---

**From:** Prescott, Amanda (A.B.)  
**Sent:** Friday, February 18, 2011 2:21 PM  
**To:** Nevi, Raymond (R.A.)  
**Subject:** Wes's response

Jay has returned his comments on p573, haven't reviewed them, pat is incorporating. I would like to discuss wes' points prior to calling him to discuss.

Amanda Prescott  
Automotive Safety Office  
Senior Research Engineer  
313-845-7295  
Fairlane Plaza South-Suite 500

---

**From:** Verdugo, Marco A [marco.verdugo@tycoelectronics.com]  
**Sent:** Monday, October 25, 2010 1:50 PM  
**To:** 'jmr@Sterlingtech.org'; Escobar, Leonardo; Vander Lende, Bill  
**Cc:** Kreiger, Erik (E.)  
**Subject:** PPAP Level 3 PN 6-1419169-8 Staerling Tech  
**Attachments:** PPAP Level 3 PN 6-1419169-8 SterlingTech.pdf

Hello Joel,

Attached you will find PPAP Level 3 for the part number 6-1419169-8 to Sterling Technologies, in order to send the product we need you check the PPAP information, and if everything is ok we'll wait for the PSW approval, then Leonardo will be able to send the material, if we need to change or add something please advise if you have comments or need anything else please let me know, have a nice day and best regards.

*Marco A. Verdugo Acosta*

Quality Engineer

Connectors

(622)-225-1000 ext 1238

marco.verdugo@tycoelectronics.com

**Tyco Electronics Automotive**

## Table of Contents

### ***PPAP Package for:***

Tyco Empalme (Tyco P/N 6-1419169-8) Rev E1 Dated Feb 09, 2010
---

Section A	<u>Nondisclosure Agreement</u>
Section # 1	<u>Design Records</u>
Section # 2	<u>Engineering Change Documents</u>
Section # 3	<u>Customer Engineering Approval</u>
Section # 4	<u>Design FMEA</u>
Section # 5	<u>Process Flow Diagrams</u>
Section # 6	<u>Process FMEA</u>
Section # 7	<u>Control Plan</u>
Section # 8	<u>Measurement Systems Analysis Studies</u>
Section # 9	<u>Dimensional Results</u>
Section # 10	<u>Material, Performance Test Results</u>
Section # 11	<u>Initial Process Study</u>
Section # 12	<u>Qualified Laboratory Documentation</u>
Section # 13	<u>Appearance Approval Report</u>
Section # 14	<u>Sample Product</u>
Section # 15	<u>Master Sample</u>
Section # 16	<u>Checking Aids</u>
Section # 17	<u>Records Of Compliance With Customer-Specific Requirements</u>
Section # 18	<u>Part Submission Warrant</u>
Section # 18a	<u>Bulk Material Requirements</u>



## Nondisclosure Agreement

If a nondisclosure agreement has been reached with your company, it will be included on the following page(s). Please review the terms of this agreement to ensure that further actions associated with information contained within this PPAP package do not violate these terms.

If a nondisclosure agreement HAS NOT been reached, certain documents deemed confidential by Tyco Electronics will not be included in this PPAP package. These documents include but are not limited to the Design FMEA, the Process Flow Diagram, the Process FMEA and the Control Plan. These documents can be reviewed by you company but cannot be retained.

# Section 1

# Design Records



## **Section 2**

# **Engineering Change Documents**



***tyco***

*Electronics*

**Not Applicable**

## **Section 3**

# **Customer Engineering Approval**

***tyco***

*Electronics*

**Not Applicable**

## **Section 4**

# **Design FMEA**

**See Section A for nondisclosure conditions.**

**The Design FMEA, if included, is a Class II confidential document belonging to Tyco Electronics. A class II document may not be further distributed and is subject to the conditions of the nondisclosure agreement.**

## **Section 5**

# **Process Flow**

**See Section A for nondisclosure conditions.**

**The Process Flow Diagram, if included, is a Class II confidential document belonging to Tyco Electronics. A class II document may not be further distributed and is subject to the conditions of the nondisclosure agreement.**

## **Section 6**

# **Process FMEA**

**See Section A for nondisclosure conditions.  
The Process FMEA, if included, is a Class II confidential  
document belonging to Tyco Electronics. A class II  
document may not be further distributed and is subject to  
the conditions of the nondisclosure agreement.**

## **Section 7**

# **Control Plan**

**See Section A for nondisclosure conditions.  
The Control Plan, if included, is a Class II confidential  
document belonging to Tyco Electronics. A class II  
document may not be further distributed and is subject to  
the conditions of the nondisclosure agreement.**

## **Section 8**

# **Measurement System Analysis**



## Gage R&R Study - ANOVA Method

Gage R&R for MEASURE

Gage name: HEIGHT INDICATOR  
Date of study: AUGUST - 12 - 2010  
Reported by: GABRIELA SOTO  
Tolerance: 7.3 - 7.5  
Misc: R&R VARIABLES  
ACCEPTED

### Two-Way ANOVA Table With Interaction

Source	DF	SS	MS	F	P
SAMPLE	9	0.0828889	0.0092099	102.473	0.000
OPERATOR	2	0.0001156	0.0000578	0.643	0.537
SAMPLE * OPERATOR	18	0.0016178	0.0000899	0.861	0.625
Repeatability	60	0.0062667	0.0001044		
Total	89	0.0908889			

Alpha to remove interaction term = 0.25

### Two-Way ANOVA Table Without Interaction

Source	DF	SS	MS	F	P
SAMPLE	9	0.0828889	0.0092099	91.1124	0.000
OPERATOR	2	0.0001156	0.0000578	0.5716	0.567
Repeatability	78	0.0078844	0.0001011		
Total	89	0.0908889			

### Gage R&R

Source	VarComp	%Contribution (of VarComp)
Total Gage R&R	0.0001011	9.08
Repeatability	0.0001011	9.08
Reproducibility	0.0000000	0.00
OPERATOR	0.0000000	0.00
Part-To-Part	0.0010121	90.92
Total Variation	0.0011132	100.00

Source	StdDev (SD)	Study Var (6 * SD)	%Study Var (%SV)
Total Gage R&R	0.0100540	0.060324	30.13
Repeatability	0.0100540	0.060324	30.13
Reproducibility	0.0000000	0.000000	0.00
OPERATOR	0.0000000	0.000000	0.00
Part-To-Part	0.0318133	0.190880	95.35
Total Variation	0.0333642	0.200185	100.00

Number of Distinct Categories = 4

ACCEPTED

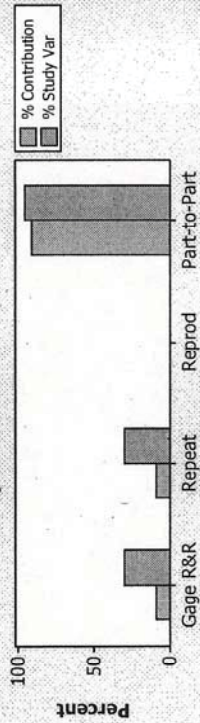
Gage R&R for MEASURE

# R&R VARIABLES HEIGHT INDICATOR

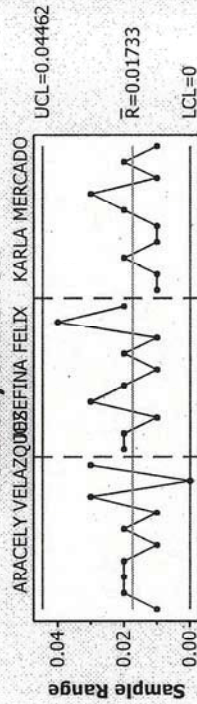
Gage name: HEIGHT INDICATOR  
Date of study: AUGUST - 12 - 2010

Reported by: GABRIELA SOTO  
Tolerance: 7.3 - 7.5  
Misc: R&R VARIABLES

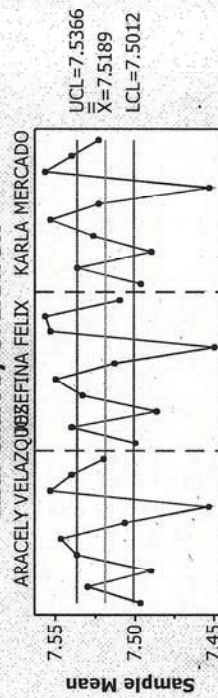
Components of Variation



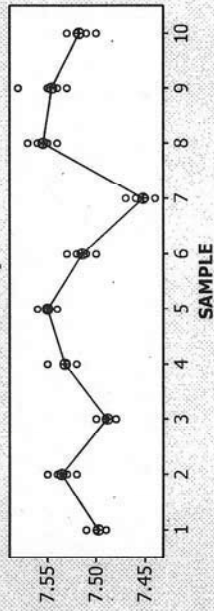
R Chart by OPERATOR



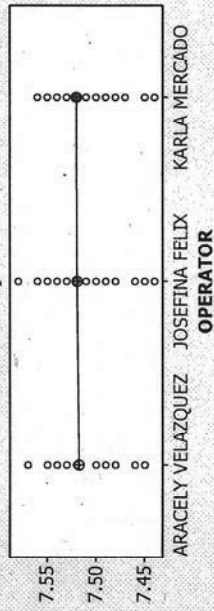
Xbar Chart by OPERATOR



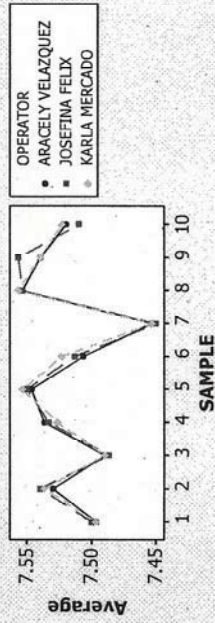
MEASURE by SAMPLE



MEASURE by OPERATOR



OPERATOR \* SAMPLE Interaction



## Section 9

# Dimensional Results

## Production Part Approval

# DIMENSIONAL TEST RESULTS

Organization: <b>Tyco Electronics</b>	Part Number: <b>6-1419169-8</b>
Supplier/Vendor Code: <b>SEVERAL</b>	Part Name: <b>1 X 4 POSITION , GET FEMALE CONNECTOR , UNSEALED , ASSEMBLY</b>
INSPECTION FACILITY: <b>Tyco Electronics Empalme Metrology lab</b>	Design Record Change Level: <b>Dwg: C-3-1419158-2 Rev: E1</b> Engineering Change Documents: <b>N/A</b>
Page <u>1</u> of <u>1</u>	

Item	Dim./Spec.	Spec. / Limits		Units	Organization Measurement Results (Data)						Ok	Not Ok	Instrument # ID
		tol +	tol -		Sample 1	Sample 2	Sample 3	Sample 4	Sample 5	Sample 6			
1	3	REF	REF	mm.	3.298	3.369	3.341	3.463	3.355	3.253	✓		LMMC-006
2	13.47	REF	REF	mm.	13.421	13.427	13.419	13.432	13.423	13.411	✓		LMMC-006
3	13.55	REF	REF	mm.	13.536	13.518	13.617	13.490	13.546	13.570	✓		LMMC-006
4	2.54	REF	REF	mm.	2.537	2.535	2.535	2.535	2.539	2.536	✓		LMMC-006
	2.54	REF	REF	mm.	2.535	2.532	2.538	2.536	2.537	2.538	✓		LMMC-006
	2.54	REF	REF	mm.	2.537	2.527	2.540	2.527	2.528	2.531	✓		LMMC-006
5	1.27	REF	REF	mm.	1.344	1.145	1.281	1.302	1.330	1.214	✓		LMMC-006
	1.27	REF	REF	mm.	1.213	1.327	1.197	1.247	1.255	1.304	✓		LMMC-006
6	MOLD TERMINAL POSITION NUMBERS , LOCATED AS SHOWN			Visual	OK	OK	OK	OK	OK	OK	✓		
7	SPACER SHIPPED IN PRE-ASSEMBLED POSITION			Visual	OK	OK	OK	OK	OK	OK	✓		
8	PART NUMBER AND DATE CODE			Visual	OK	OK	OK	OK	OK	OK	✓		
9	CAVITY ID.			Visual	OK	OK	OK	OK	OK	OK	✓		
10	PACKING: CONNECTOR ASSEMBLIES BULK PACKAGED IN CARDBOARD BOX.				OK	OK	OK	OK	OK	OK	✓		
11	DURING SHIPPING AND HANDLING THE TPA MAY BE DISPLACED TO ITS LOCKED POSITION , THE CONNECTOR CAB BE RETURNED TO ITS PROPER FUNCTION USING IS SHEET 408-10104.				NOTED PER APQP TEAM						✓		
12	APPLICABLE TERMINALS PART NUMBERS ( SOLD SEPERATLY ) GOLD APPLICATION 1393364 AND 1393365 . TIN APPLICATIONS 1393366 AND 1393367 FOR TERMINATION AND REELING OPTIONS SEE DRAWINGS 1393364 , 1393365, 1393366 AND 1393367				NOTED PER APQP TEAM						✓		
13	OPTIONAL CORE SLOTS FOR TOOL CONSTRUCTION.				OK	OK	OK	OK	OK	OK	✓		

March 2006 CFG-1003

AEF004J-EG Rev: D

SIGNATURE  
Germán Aquino

TITLE  
Metrology Chief

DATE  
22-Oct-10

## **Section 10**

# **Material, Performance Test Results**

## Production Part Approval **MATERIAL TEST RESULTS**

Organization: **TYCO ELECTRONICS**

Part Number: 6-1419169-8

Supplier/Vendor Code: **N/A**

Part Name: 1X4 FEMALE ASSY W/CPA KEY A

Material Supplier: **SEE MATERIAL CERT**

Design Record Change Level: D

\*Customer Specified Supplier/Vendor Code: **N/A**

Engineering Change Documents:	N/A
-------------------------------	-----

\* If source approval is req'd, include the Supplier (Source) & Customer assigned code.

Name of Laboratory: **SEE ATTACHMENT**

[illegible]

March 2006	CFG-1004
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Blanket statements of conformance are unacceptable for any test results.

SIGNATURE

TITLE

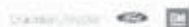
DATE \_\_\_\_\_

R. CANO

SQE 10

10/22/2010





## Part Submission Warrant

Part Name: <u>SLV ASY WIR CONN FEM</u>		Cust. Part Number: <u>3L2T-14A464-GA</u>	
Shown on Drawing No.: <u>Ford 3L2T-14A464-GA</u>		Org. Part Number: <u>5-1419159-4</u>	
Engineering Change Level: <u>AELE E 11783956 403</u>		Dated: <u>14-Oct-2008</u>	
Additional Engineering Changes: <u>N/A</u>		Dated: <u>N/A</u>	
Safety and/or Government Regulation: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		Purchase Order No.: <u>Not Available</u> Weight (kg): <u>0.0003</u>	
Checking Aid Number: <u>N/A</u> Checking Aid Engineering Change Level: <u>N/A</u>		Dated: <u>N/A</u>	

<b>ORGANIZATION MANUFACTURING INFORMATION</b> Tyco Electronics Belgium Supplier Name & Supplier/Vendor Code <u>Siemenslaan 14</u> Street Address <u>Oostkamp</u> <u>B 8020</u> <u>Belgium</u> City Region Postal Code Country	<b>CUSTOMER SUBMITTAL INFORMATION</b> Tyco Electronics Empalme Customer Name/Division <u>Various</u> Buyer/Buyer Code Application
---	---

  
**MATERIALS REPORTING**  
 Reporting of all materials, not just Substances of Concern, may be required by certain OEMs or other customers.  
 Has customer-required Substances of Concern information been reported? ☒ Yes ☐ No  
 Submitted by (MDS or other customer format): JMDS Record 3659935 / 15 (Node ID 75767328)  
N/A  
 Are polymeric parts identified with appropriate ISO marking codes? ☒ Yes ☐ No ☐ N/A
   
**REASON FOR SUBMISSION**  

<input checked="" type="checkbox"/> Initial submission <input type="checkbox"/> Engineering Change(s) <input type="checkbox"/> Tooling Transfer, Replacement, Refurbishment, or additional <input type="checkbox"/> Correction of Discrepancy <input type="checkbox"/> Tooling Inactive > than 1 year	<input type="checkbox"/> Change to Optional Construction or Material <input type="checkbox"/> Sub-Supplier or Material Source Change <input type="checkbox"/> Change in Part Processing <input type="checkbox"/> Parts produced at Additional Location <input type="checkbox"/> Other - please specify _____
---	--

  
**REQUESTED SUBMISSION LEVEL (Check one)**  
☒ Level 1 - Warrant only (and for designated appearance items, an Appearance Approval Report) submitted to customer.  
☐ Level 2 - Warrant with product samples and limited supporting data submitted to customer.  
☐ Level 3 - Warrant with product samples and complete supporting data submitted to customer.  
☐ Level 4 - Warrant and other requirements as defined by customer.  
☐ Level 5 - Warrant with product samples and complete supporting data reviewed at supplier's manufacturing location.
   
**SUBMISSION RESULTS**  
 The results for ☒ dimensional measurements ☒ material and functional tests ☐ appearance criteria ☒ statistical process package  
 These results meet all design record requirements: ☒ YES ☐ NO (If "NO" - Explanation Required)  
 Mold / Cavity / Production Process: Injection Molded
  
**DECLARATION**  
 I affirm that the samples represented by this warrant are representative of our parts, which were made by a process that meets all Production Part Approval Process Manual 4th Edition Requirements. I further affirm that these samples were produced at a production rate of Proprietary / 24 hours.  
 I also certify that the documented evidence of such compliance is on file and available for review. I have noted any deviation from the declaration below.
   
**EXPLANATION/COMMENTS:** #REF!  
No further comments.  
 Is each Customer Tool properly tagged and numbered? ☐ Yes ☐ No ☒ N/A
   

Organization Authorized Signature: <u>John Pastor</u>	Date: <u>10-Dec-2008</u>
Print Name: <u>John Pastor</u>	Phone No.: <u>717-986-6234</u> Fax No.: <u>717-986-7042</u>
Title: <u>Quality Engineer</u>	E-mail: <u>john.pastor@tycoelectronics.com</u>

FOR CUSTOMER USE ONLY (IF APPLICABLE)	
Part Warrant Disposition: <input checked="" type="checkbox"/> Approved <input type="checkbox"/> Rejected <input type="checkbox"/> Other	
Customer Signature: <u>Tyco Electronics</u>	Date: <u>12/10/08</u>
Print Name: _____	Customer Tracking Number: _____

  
 March 2006 CFG-1001 Optional customer tracking number: \_\_\_\_\_

## Material, Performance Test Results

GRANULES 8-1419168-4



## Certificat de réception (EN 10204-3.1)

LANXESS Deutschland GmbH  
Kaiser-Wilhelm-Allee  
51369 Leverkusen

Tyco Electronics Belgium EC NV  
Rolly  
Siemenslaan 14

8020 OOSTKAMP  
BELGIUM

2008-09-02

Page 1

désignation du produit		numéro de produit	
POCAN B 3225		02355507	
000000			
données de commande client			
client livré	quantité com.	votre numéro de commande	votre numéro de produit
5438533 LXS c/o Tyco Electronics	20000 KG	240003050 pos 9	18616-2 / SILO
données concernant l'ordre			
numéro de l'ordre	numéro de livraison	quantité livrée	Nombre colis (livraison)
3020332171	3006270389 / 10	20160 KG	1
données concernant le lot			
numéro de lot	quantité livrée		
42PFB00310	20160 KG		
contrôles 2008-05-13 04000740057		résultats	unités
KU-interne			
ETA (Goettfer-Reogr.)250°C 16		201,0	Pa.s
ISO 180 14J			
sLU (23 Cep.		38,3	ulbar?
calc. du cône (acc. ISO 2451 14A)			
teneur au fibre de verre (centre)		13,7	%
sur base de DIN EN ISO 1133			
MVR 230°C: 2,16kg		22,5	cm³/10

La personne responsable à contacter en cas de questions est:  
Dr. Brinkmeyer SCP-MF UER-DULOS  
Tel.: +49 2151 88 3457  
Fax: +49 2151 88 5151  
Mail: heinrich.brinkmeyer@lanxess.com

Les données qui précèdent concernent la nature du produit. Elles ne sauront constituer une quelconque assurance ou garantie. Ce document ne dispense pas le client de procéder au contrôle de la marchandise à réception, comme convenu avec lui au cas par cas ou comme le prescrit la loi.

Il s'agit d'un document informatique également valable sans signature.

Inspecteur de réception: Dr. Ewald Kohn



COLORANT 8-1419168-4**ColorMatrix**

EUROPS LTD

Units 2-11 Dolly Grove, Knebworth Industrial Park, Rickmansworth, Herts, UK SG8 9ET  
Tel: +44 (0) 191 548 2100 Fax: +44 (0) 191 548 2800 VNT PC O No: 08902507433**CERTIFICATE  
OF ANALYSIS****Code:** YLP 3664**Colour Name:** 2-703036-0 Feuerrot**Batch Number:** B080408050**Batch Size - Kg** 62**Order Number** 181808**Part Number** n/a**PO Number** 2470488781**Use By**

	Standard	Unit	Tolerance		Batch
			+	-	
Viscosity - (Cps)	5000	cP	8000	3000	6640

**Colour Tolerance -DE** < .3 .36

This certificate was generated by computer and is fully traceable to ColorMatrix Documents via the unique batch number and as such no signature is required.

Certificate of Analysis

Customer: TYCO ELECTRONICS CORPORATION 8350 E OLD VAIL RD TUCSON AZ 85747-0000	Product Number : 52568990 Product Name : ULTRAMID® A3EG7 BLACK 23189 POLYAMIDE 726KG IBC OF CARDBOARD Vehicle : Batch/Lot : WF0200102 Manuf.Date : 08/11/2010
Attention: MARIA_GARATE@TYCOELECTRONICS.COM eMAIL: maria_garate@tycoelectronics.com Cust Prod: 702661-9 Cust Prod Name: Cust P.O.: 35897568	Shipped Date : 09/08/2010 Shipped Quantity : 2,904.000 KG Delivery Date : 09/09/2010 Order Number : 110368973 Delivery Note : 120498506

Characteristic	Result	UOM	-----Specification-----		Test Method
			Minimum	Maximum	
Melt viscosity T-10 (Standard Dwell)	2.02	kPa	1.50	3.10	ASTM D3835

Characteristic	Result	UOM	-----Specification-----		Test Method
			Minimum	Maximum	
Melt viscosity T-5 (Standard Dwell)	2.06	kPa	1.80	3.20	ASTM D3835
Viscosity Number for Polyamides	140	ml/g	130	160	ISO 307
Moisture Content	0.07	%		0.15	ASTM6869
Ash / Filler Content	34.510	%	33.000	37.000	D5630/ISO3541

Comments :  
  
The data shown are the results of tests performed on the lot specified.

Page 1 of 1

The information contained herein is based either on analytical tests of samples or on statistical process data; it is intended solely for purposes of comparison with the established specifications for the product. Warranties of the product are exclusively as set forth in the applicable contract documents.

THIS CERTIFICATE OF ANALYSIS HAS BEEN PRODUCED ELECTRONICALLY AND IS VALID WITHOUT A SIGNATURE.

## MATERIAL SAFETY DATA SHEET

Print date: 07-May-2009

Revision Number: 1

Revision date: 07-May-2009

### 1. IDENTIFICATION OF THE SUBSTANCE AND COMPANY

<b>Trade Name:</b>	VALOX*
<b>Product ID:</b>	SHF436HR -RD5D230
<b>Product description:</b>	Poly (butylene terephthalate) [CASRN 30965-26-5]
<b>Product Type:</b>	Commercial Product
<b>Recommended use:</b>	May be used to produce molded or extruded articles or as a component of other industrial products.
<b>Company:</b>	SABIC Innovative Plastics One Plastics Avenue Pittsfield, MA 01201 USA (413) 448-5800 www.sabic-ip.com
<b>Emergency Telephone Number:</b>	800/447-4545
<b>Emergency Transportation/CHEMTREC (24 HOUR):</b>	800/424-9300

### 2. COMPOSITION/INFORMATION ON INGREDIENTS

#### HAZARDOUS COMPONENTS:

Chemical Name	CAS Number	Weight %
Fibrous Glass	65997-17-3	10 - 30
Tetrahydrofuran	109-99-9	0.1 - 1.0

If present, components listed above are physical or health hazards as defined in the Hazard Communication Standard. The quantities represent typical or average values for the materials shown. Additional compositional data are provided in Section 15, REGULATORY INFORMATION.

### 3. HAZARDS IDENTIFICATION

#### EMERGENCY OVERVIEW:

- Pellets with slight or no odor.
- Spilled material may create slipping hazard
- Can burn in a fire creating dense, toxic smoke
- Molten plastic can cause severe thermal burns.
- Fumes produced during melt processing may cause eye, skin, and respiratory tract irritation. Severe over-exposure may result in nausea, headache, chills, and fever.
- Secondary operations, such as grinding, sanding, or sawing can produce dust which may present an explosion or respiratory hazard.

HMIS Rating

Health: 0

Flammability: 1

Reactivity: 0

**Skin Contact:**

Pellets not likely to cause skin irritation.

**Eye Contact:**

Resin particles, like other inert materials, are mechanically irritating to eyes.

**Inhalation:**

Pellet inhalation unlikely due to physical form. Processing fumes evolved at recommended processing conditions may contain trace amounts of tetrahydrofuran (typically less than 1 ppm). NTP has listed tetrahydrofuran as a carcinogen. Extreme processing conditions or temperatures may result in higher levels. See section 8 for appropriate exposure controls and personal protection.

**Ingestion:**

Pellet ingestion unlikely due to physical form.

**Sensitization:**

No information available

**Other Information:**

OSHA, IARC and/or NTP have listed carbon, titanium dioxide, crystalline silica (quartz), respirable glass and certain heavy metals, present in some colorants and fillers, as carcinogens. If these materials are present in this product at significant quantities, they are shown in Section 2. These materials are essentially bound to the plastic matrix and are unlikely to contribute to workplace exposure under recommended processing conditions.

#### Chronic/Carcinogenic Information

**Chronic Toxicity:**

No information available

**Resin Issues:**

Processing vapors may cause irritation to the eyes, skin, and respiratory tract. In cases of severe exposure, nausea and headache can also occur. Grease-like processing vapor condensates on ventilation ductwork, molds, and other surfaces can cause irritation and injury to skin.

**Aggravated Medical Conditions:**

MEDICAL RESTRICTIONS: There are no known health effects aggravated by exposure to this product. However, certain sensitive individuals and individuals with respiratory impairments may be affected by exposure to components in the processing vapors.

#### 4. FIRST AID MEASURES

<b>Inhalation:</b>	Move to fresh air in case of accidental inhalation of fumes from overheating or combustion. If symptoms persist, call a physician.
<b>Skin Contact:</b>	Cool skin rapidly with cold water after contact with hot polymer. Wash off immediately with soap and plenty of water. Consult a physician.
<b>Eye Contact:</b>	Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. If eye irritation persists, consult a specialist.
<b>Ingestion:</b>	No hazards which require special first aid measures.
<b>Precautions:</b>	Processing vapors inhalation may be irritating to the respiratory tract. If symptoms are experienced remove victim from the source of contamination or move victim to fresh air and obtain medical advice.

#### 5. FIRE-FIGHTING MEASURES

<b>Autoignition Temperature:</b>	630°C (1166°F), estimated
<b>Explosive Limits</b>	
<b>upper:</b>	Not determined
<b>lower:</b>	Not determined
<b>Suitable Extinguishing Media:</b>	Water spray mist or foam.
<b>Extinguishing Media that should not be used for safety reasons:</b>	Carbon dioxide and dry chemical are not recommended because their lack of cooling capacity may permit re-ignition.
<b>Hazards from Combustion Products:</b>	Fire will produce dense black smoke containing hazardous combustion products, carbon oxides, hydrocarbon fragments.
<b>Special Protective Equipment for Firefighters:</b>	Do not enter fire area without proper protection including self-contained breathing apparatus and full protective equipment. Fight fire from a safe distance and a protected location due to the potential of hazardous vapors and decomposition products.
<b>Specific Hazards:</b>	Take precautionary measures against static discharges. During processing, dust may form explosive mixture in air. Thermal decomposition can lead to release of irritating gases and vapors.

#### 6. ACCIDENTAL RELEASE MEASURES

<b>Clean up:</b>	Sweep up and shovel into suitable containers for disposal. Do not create a powder cloud by using a brush or compressed air.
<b>Personal Precautions:</b>	See section 8.
<b>Environmental Precautions:</b>	Do not flush into surface water or sanitary sewer system. Should not be released into the environment.

## 7. HANDLING AND STORAGE

<b>Handling:</b>	Handle in accordance with good industrial hygiene and safety practices. Provide for appropriate exhaust ventilation and dust collection at machinery. Avoid dust formation. All metal parts of the mixing and processing equipment must be earthed.
<b>Storage:</b>	Store in closed container in a dry and cool area. Keep away from heat sources and sources of ignition.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**Exposure limits:** No components with information, unless noted below

Chemical Name	US OSHA PEL (8 Hr)	ACGIH	Canada - Alberta (8 Hr)	Mexico OEL Data	SABIC-IP Recommended (8 Hr)*
Fibrous Glass 65997-17-3	No Information	1 FIBERS/CM3 Fiber. 5 mg/m <sup>3</sup> Inhalable fraction. 0.2 FIBERS/CM3 Fiber.	1 FIBERS/CM3 Fiber. 5 mg/m <sup>3</sup> Fiber, total 0.5 FIBERS/CM3 Fiber.	10 mg/m <sup>3</sup> Dust.	No Information
Tetrahydrofuran 109-99-9	590 mg/m <sup>3</sup> 200 ppm	TWA: 50 ppm Skin	590 mg/m <sup>3</sup> 200 ppm	590 mg/m <sup>3</sup> 200 ppm	50 ppm TWA

*\*SABIC Innovative Plastics Recommended Exposure Limits have been established for certain chemicals.*

**Engineering Measures to Reduce Exposure:** Handle in accordance with good industrial hygiene and safety practice. Provide for appropriate exhaust ventilation at machinery. Processing fume condensate may be a fire hazard and toxic; remove periodically from exhaust hoods, ductwork, and other surfaces using appropriate personal protection.

**Hand Protection:** Protective gloves

**Eye Protection:** Safety glasses with side-shields or chemical goggles. In addition, use full-face shield when cleaning processing vapor condensates from hood, ducts, and other surfaces.

**Respiratory Protection:** When using this product at elevated temperatures, implement engineering systems, administrative controls or a respiratory protection program (including a respirator approved for protection from organic vapors, acid gases and particulate matter) if processing vapors are not adequately controlled or operators experience symptoms of overexposure. If dust or powder are produced from secondary operations such as sawing or grinding, use a respirator approved for protection from dust.

**Body Protection:** Long sleeved clothing

**Hygiene Measures:** When using, do not eat, drink or smoke.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Physical State:</b>	Solid
<b>Appearance:</b>	Pellets
<b>Color:</b>	Varies
<b>Odor:</b>	None or slight
<b>Melting point/range:</b>	This product does not exhibit a sharp melting point but softens gradually over a wide range of temperatures.
<b>Autoignition Temperature:</b>	630°C (1166°F) estimated
<b>Vapor Pressure:</b>	Negligible
<b>Water Solubility:</b>	Insoluble
<b>Evaporation Rate:</b>	Negligible
<b>Specific gravity:</b>	>1; (water=1)
<b>VOC content (%):</b>	Negligible
<b>Explosive Limits</b>	
<b>upper:</b>	Not determined
<b>lower:</b>	Not determined

## 10. STABILITY AND REACTIVITY

<b>Stability:</b>	Stable under ambient conditions. Hazardous polymerization does not occur.
<b>Conditions to Avoid:</b>	Avoid temperatures above 320°C. To avoid thermal decomposition, avoid elevated temperatures. Heating can result in the formation of gaseous decomposition products, some of which may be hazardous. Do not exceed melt temperature recommendations in product literature. In order to avoid autoignition/hazardous decomposition of hot thick masses of plastic, purgings should be collected in small, flat, shapes or thin strands to allow for rapid cooling. Quench in water. Do not allow product to remain in barrel at elevated temperatures for extended periods of time: purge with a general purpose resin.
<b>Hazardous Decomposition Products:</b>	Processing vapors evolved at recommended processing conditions may include trace levels of hydrocarbon fragments, phenols, alkylphenols, diarylcarbonates.

## 11. TOXICOLOGICAL INFORMATION

### Acute Toxicity

<b>LD50/oral/rat:</b>	>5000 mg/kg
<b>LD50/dermal/rabbit:</b>	>2000 mg/kg
<b>Inhalation:</b>	Pellet inhalation unlikely due to physical form. Processing fumes evolved at recommended processing conditions may contain trace amounts of tetrahydrofuran (typically less than 1 ppm). NTP has listed tetrahydrofuran as a carcinogen. Extreme processing conditions or temperatures may result in higher levels. See section 8 for appropriate exposure controls and personal protection.
<b>Eye Contact:</b>	Resin particles, like other inert materials, are mechanically irritating to eyes.
<b>Skin Contact:</b>	Pellets not likely to cause skin irritation.
<b>Ingestion:</b>	Pellet ingestion unlikely due to physical form.
<b>Chronic Toxicity:</b>	No information available
<b>Subchronic Toxicity:</b>	No information available
<b>Primary Irritation:</b>	Substance does not generally irritate and is only mildly irritating to the skin.
<b>IARC:</b>	Not listed
<b>OSHA:</b>	Not regulated
<b>NTP:</b>	Tetrahydrofuran: In 2-year carcinogenicity bioassays conducted by the National Toxicology Program (NTP), mice and rats (50/sex/group) were exposed to concentrations of 0, 200, 600, or 1,800 ppm via inhalation 6 hours/day, 5 days/week for 104 weeks. Under the conditions of these 2-year inhalation studies, there was some evidence of carcinogenic activity of tetrahydrofuran in male F344/N rats based on increased incidences of renal tubule adenoma or carcinoma (combined) at 600 and 1,800 ppm. There was no evidence of carcinogenic activity of tetrahydrofuran in female F344/N rats exposed to 200, 600, or 1,800 ppm or male B6C3F1 mice exposed to 200, 600, or 1,800 ppm. There was clear evidence of carcinogenic activity of tetrahydrofuran in female B6C3F1 mice based on increased incidences of hepatocellular neoplasms observed at 1,800 ppm.
<b>Remarks:</b>	The toxicological data has been taken from products of similar composition.



**Special Studies:**

PROCESSING FUMES: Processing fumes evolved at recommended processing conditions may contain trace amounts of tetrahydrofuran (typically less than 1 ppm). Extreme processing conditions or temperatures may result in higher levels. See section 8 for appropriate exposure controls and personal protection. In 2-year carcinogenicity bioassays conducted by the National Toxicology Program (NTP), mice and rats (50/sex/group) were exposed to tetrahydrofuran at concentrations of 0, 200, 600, or 1,800 ppm via inhalation 6 hours/day, 5 days/week for 104 weeks. Under the conditions of these 2-year inhalation studies, there was some evidence of carcinogenic activity of tetrahydrofuran in male F344/N rats based on increased incidences of renal tubule adenoma or carcinoma (combined) at 600 and 1,800 ppm. There was no evidence of carcinogenic activity of tetrahydrofuran in female F344/N rats exposed to 200, 600, or 1,800 ppm or male B6C3F1 mice exposed to 200, 600, or 1,800 ppm. There was clear evidence of carcinogenic activity of tetrahydrofuran in female B6C3F1 mice based on increased incidences of hepatocellular neoplasms observed at 1,800 ppm.

## 12. ECOLOGICAL INFORMATION

**Ecotoxicity Effects:**

Do not flush into surface water or sanitary sewer system.

**Other information:**

Ecological damages are not known or expected under normal use.

## 13. DISPOSAL CONSIDERATIONS

**Waste Disposal:**

Recycling is encouraged. Landfill or incinerate in accordance with federal, state and local requirements. Collected processing fume condensates and incinerator ash should be tested to determine waste classification.

## 14. TRANSPORT INFORMATION

**Transport Classification:**

Not regulated as hazardous for shipment, unless noted below, under current transportation guidelines.

DOT

ADR/RID/ADNR

IMDG

ICAO

IATA-DGR

MEXICO

## 15. REGULATORY INFORMATION

### International Inventories:

<b>TSCA (USA):</b>	Listed
<b>DSL/NDSL (Canada):</b>	Listed
<b>EINECS/ELINCS (Europe):</b>	Listed
<b>ENCS (Japan):</b>	Listed
<b>IECSC (China):</b>	Listed
<b>KECL (Korea):</b>	Listed
<b>PICCS (Philippines):</b>	Listed
<b>AICS (Australia):</b>	Listed

### Other Inventory Information:

A "Listed" entry above means all chemical components are on the respective inventory list and/or a qualifying exemption exists for one or more components. A "Not listed" entry above indicates one or more components is restricted from import or manufacture into that country/region. Articles are exempt from registration and are therefore not listed on the national chemical inventories.

### SARA (313) Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA)

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

### SARA (311, 312) hazard class:

<b>Acute Health Hazard</b>	N
<b>Chronic Health Hazard</b>	N
<b>Fire Hazard</b>	N
<b>Sudden Release of Pressure Hazard</b>	N
<b>Reactive Hazard</b>	N

### Canada:

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR.

### WHMIS hazard class:

Non-controlled

### California Proposition 65:

Components in this product known to the State of California to cause cancer and/or reproductive effects, are listed below:

<b>Chemical Name</b>	<b>Weight %</b>	<b>California Proposition 65:</b>
Fibrous Glass 65997-17-3	10 - 30	Listed: July 1, 1990 Carcinogenic. (airborne, unbound particles of respirable size)
Carbon black 1333-86-4	<100 ppm	Listed: February 21, 2003 Carcinogenic. (airborne, unbound particles of respirable size)

### RoHS EU Directive 2002/95/EC:

This product complies with RoHS - it does not intentionally contain banned chemicals.

## 16. OTHER INFORMATION

VALOX\* is a registered trademark of SABIC Innovative Plastics

**Prepared by:** Product Stewardship & Toxicology.

DISCLAIMER: This Material Safety Data Sheet [MSDS] information is provided based on the Hazard Communication Regulations for your region or country and for the use of the persons required to receive this information under those regulations. The information is neither designed nor recommended for any other use or for use by any other person, including for compliance with other laws. SABIC Innovative Plastics does not warrant the suitability for use of this MSDS for any other material or product not specifically identified herein. SABIC Innovative Plastics does not warrant the accuracy or authenticity of this MSDS unless it has been obtained directly from SABIC Innovative Plastics, or posted or viewed on a SABIC Innovative Plastics website. Modification of this MSDS, unless specifically authorized by SABIC Innovative Plastics, is strictly prohibited. This MSDS is based on information, that is believed to be reliable, but may be subject to change as new information becomes available. Because it is not possible to anticipate all conditions of use, additional safety precautions may be required. Since the use of this material is not under SABIC Innovative Plastics' control, each user is responsible for making its own determination as to the safe and proper handling of this material in its own particular use of this material. SABIC INNOVATIVE PLASTICS MAKES NO REPRESENTATION OR WARRANTY, EITHER EXPRESS OR IMPLIED, INCLUDING AS TO MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. Each user should read and understand this information and incorporate it into individual site safety programs as required by applicable hazard communication standards and regulations.

**End of Material Safety Data Sheet**



*Electronics*

## **Section 11**

# **Initial Process Studies**

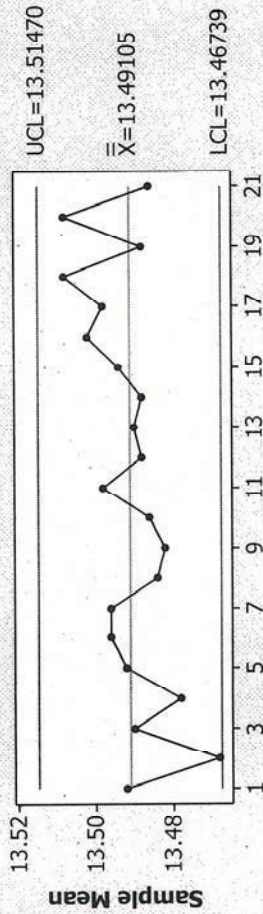
Production Part Approval  
**PERFORMANCE TEST RESULTS**

[illegible]

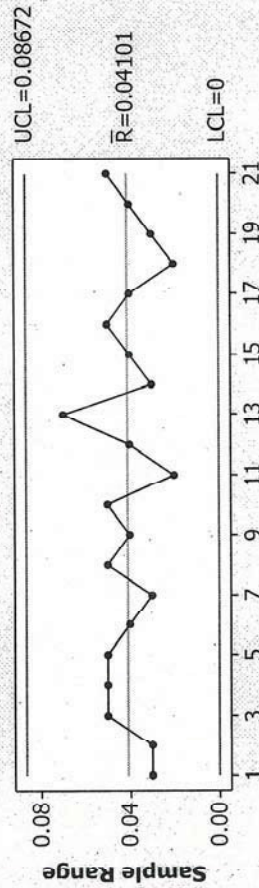


# Capability Study P/N 6-1419169-8, Characteristic: Width

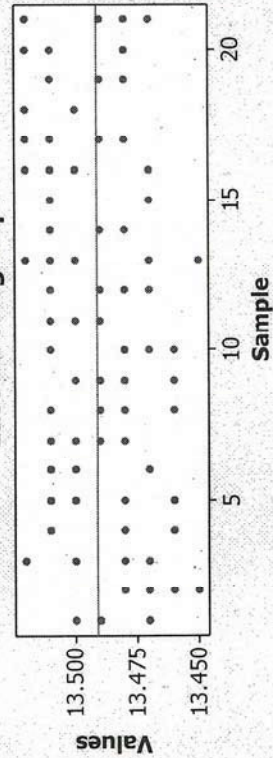
Xbar Chart



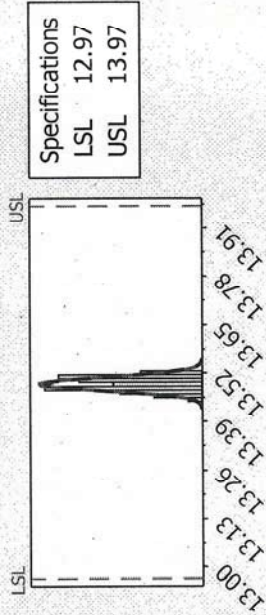
R Chart



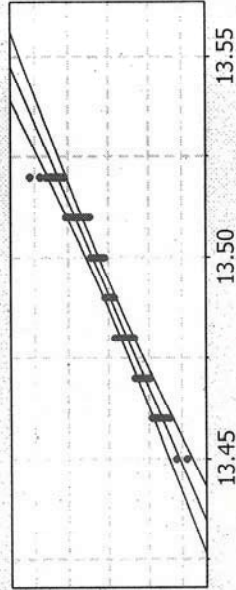
Last 21 Subgroups



Capability Histogram



Normal Prob Plot  
 AD: 2.205, P: < 0.005



Capability Plot

Within	StDev	0.01763
	Cp	9.45
	Cpk	9.05
	PPM	0.00
Overall	StDev	0.01829
	Pp	9.11
	Ppk	8.73
	Cpm	*
	PPM	0.00

## **Section 12**

# **Qualified Laboratory Documentation**



# Certificate of Registration

## QUALITY MANAGEMENT SYSTEM - ISO/TS 16949:2009

*This is to certify that:*

**Tyco Electronics Ltd.**  
**Tyco Electronics Global Automotive**  
**Division - Americas North**  
**Carretera Internacional, KM 1969**  
**Guadalajara-Nogales Km 2**  
**Empalme**  
**Sonora**  
**85450**  
**Mexico**

*Holds Certificate No:* **TS 514458-003**

*and operates a Quality Management System which complies with the requirements of ISO/TS 16949:2009 for the following scope:*

Design, development and manufacture of electrical interconnecting devices for the automotive industry.

*For and on behalf of BSI:*

*President, BSI America, Inc.*

Originally Registered: **07/09/2010**

Latest Issue: **07/09/2010**

Expiry Date: **07/08/2013**

IATF Number: **0105884**



Page: 1 of 2

This certificate remains the property of BSI and shall be returned immediately upon request.

An electronic certificate can be authenticated [online](http://www.bsigroup.com/ClientDirectory). Printed copies can be validated at [www.bsigroup.com/ClientDirectory](http://www.bsigroup.com/ClientDirectory). To be read in conjunction with the scope above or the attached appendix.

Further clarifications regarding the scope of this certificate and the applicability of ISO/TS16949 requirements may be obtained by consulting the organization.

IATF Contracted Office: 12110 Sunset Hills Road, Suite 200, Reston, VA 20190, USA





Certificate No: TS 514458-003

**Location**

Tyco Electronics Ltd.  
Tyco Electronics Global Automotive  
Division - Americas North  
Carretera Internacional, KM 1969  
Guadalajara-Nogales Km 2  
Empalme  
Sonora  
85450  
Mexico

**Registered Activities**

Manufacture of interconnecting devices for the automotive industry.

Including the following remote support functions:

Tyco Electronics Global Automotive Division - Americas North  
Troy, MI  
Design and Development.

Tyco Electronics Global Automotive Division - Americas North  
Middletown, PA  
Design and Development, Product Testing and Customer Service.

Tyco Electronics Global Automotive Division - Americas North  
Winston-Salem, NC  
Design and Development, Product Testing and Calibration, Business Office (Quote Process) and Purchasing.

Tyco Electronics Canada Ltd.  
Markham, ON Canada  
Design and Development and product testing (optics lab).

Tyco Electronics Global Automotive Division - Americas North  
Harrisburg, PA  
Provision of Product Testing to Tyco Electronics manufacturing sites.

Originally Registered: 07/09/2010

Latest Issue: 07/09/2010

Expiry Date: 07/08/2013

IATF Number: 0105884

Page: 2 of 2

This certificate remains the property of BSI and shall be returned immediately upon request.  
An electronic certificate can be authenticated [online](#). Printed copies can be validated at [www.bsigroup.com/ClientDirectory](http://www.bsigroup.com/ClientDirectory)  
To be read in conjunction with the scope above or the attached appendix.  
Further clarifications regarding the scope of this certificate and the applicability of ISO/TS16949 requirements may be obtained by consulting the organization.

IATF Contracted Office: 12110 Sunset Hills Road, Suite 200, Reston, VA 20190, USA



# CERTIFICATE OF ACCREDITATION

**ANSI-ASQ National Accreditation Board/AClass**  
500 Montgomery Street, Suite 625, Alexandria, VA 22314, 877-344-3044

This is to certify that

**Tyco Electronics-Empalme**  
**Carretera Internacional, Km 1969, Guad-Nog, Km2**  
**Sonora, C.P. 85340 Mexico**

has been assessed by AClass  
and meets the requirements of international standard

**ISO/IEC 17025:2005**

while demonstrating technical competence in the field(s) of

**CALIBRATION & TESTING**

Refer to the accompanying Scope(s) of Accreditation for information regarding the types of calibrations and/or tests to which this accreditation applies.

ACT-1173

Certificate Number

AClass Approval

Certificate Valid: 05/17/2009-05/03/2011

Version No. 001



This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2005. This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality management system (refer to joint ISO-ILAC-IAF Communiqué dated January 2009).



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005

**Tyco Electronics - Empalme**

Carretera Internacional, Km.1969 , Guad-Nog. Km.2, Sonora, C.P. 85340 Mexico  
German Aquino Phone: 011-622-225-1061

**CALIBRATION & TESTING**

Valid to: May 3, 2011

Certificate Number: ACT-1173

**I. Mechanical Testing**

ITEMS, MATERIALS OR PRODUCTS TESTED	BEST MEASUREMENT CAPABILITY [EXPRESSED AS UNCERTAINTY(±)]	SPECIFIC TESTS OR PROPERTIES MEASURED	SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED	*DETECTION LIMIT/ RANGE/ EQUIPMENT
Wiring Harnesses, Plastic and Metal Automotive Components	0.114 lbf	Force	Equipment Manual	Force Gauge (0 to 200) lb·f
Plastic and Metal Automotive Components	4.0 g	Mass	Equipment Manual	Scales Up to 4 kg

**II. Material Analysis Testing**

ITEMS, MATERIALS OR PRODUCTS TESTED	BEST MEASUREMENT CAPABILITY [EXPRESSED AS UNCERTAINTY(±)]	SPECIFIC TESTS OR PROPERTIES MEASURED	SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED	*DETECTION LIMIT/ RANGE/ EQUIPMENT
Plastic Automotive Components	0.009 g	Moisture Content	Work Instruction AEW021T-LB, Equipment Manual.	Ohaus MB 45 Moisture Analyzer 45 g (50 to 200) °C
Plastic Automotive Components	N/A*	Melt Flow Rate	Work Instruction AEW022T-LB based on ASTM D1238, Equipment Manual	Extrusion Plastometer Oven



### III. Dimensional Inspection / Measurement

ITEMS, MATERIALS OR PRODUCTS TESTED	BEST MEASUREMENT CAPABILITY [EXPRESSED AS UNCERTAINTY(±)]	SPECIFIC TESTS OR PROPERTIES MEASURED	SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED	*DETECTION LIMIT/ RANGE/ EQUIPMENT
Plastic and Metal Automotive Components	0.0046 mm	Dimensions	ASME Y14.5M, Engineering Drawing, Equipment Manual	Optical Comparator Micro Vu 240 mm (X) 140 mm (Y)
Plastic and Metal Automotive Components	0.0052 mm	Dimensions	ASME Y14.5M, Engineering Drawing, Equipment Manual	Deltronics Vision Systems 300 mm (X) 150 mm (Y) 120 mm (Z)
Plastic and Metal Automotive Components	0.0050 mm	Dimensions	ASME Y14.5M, Engineering Drawing, Equipment Manual	Smart Scope FOV 300 mm (X) 150 mm (Y) 120 mm (Z)
Plastic and Metal Automotive Components	0.0021 mm	Dimensions	ASME Y14.5M, Engineering Drawing, Equipment Manual	Digital Height Indicator Up to 50 mm
Plastic and Metal Automotive Components	0.012 mm	Dimensions	ASME Y14.5M, Engineering Drawing, Equipment Manual	Dial Test Indicator Up to 0.8 mm
Plastic and Metal Automotive Components	0.023 mm	Dimensions	ASME Y14.5M, Engineering Drawing, Equipment Manual	Calipers Up to 200 mm
Plastic and Metal Automotive Components	0.0016 mm	Dimensions	ASME Y14.5M, Engineering Drawing, Equipment Manual	Micrometers Up to 25.4 mm
Plastic and Metal Automotive Components	0.0034 mm	Dimensions	ASME Y14.5M, Engineering Drawing, Equipment Manual	CMM 609 mm (X) 609 mm (Y) 457 mm (Z)
Wiring Harnesses Automotive Components	0.32 mm / 50 cm	Dimensions	ASME Y14.5M, Engineering Drawing.	Steel Measuring Tapes Up to 8 m
Wiring Harnesses, Automotive Components	0.06 mm / 50 cm	Dimensions	ASME Y14.5M, Engineering Drawing.	Steel Rule Up to 1 220 mm



#### IV. Dimensional Calibration

PARAMETER / EQUIPMENT	RANGE	BEST MEASUREMENT CAPABILITY [EXPRESSED AS UNCERTAINTY(+)]	REFERENCE STANDARD OR EQUIPMENT	METHOD(S)
Steel Measuring Tapes	Up to 8 m	0.32 mm / 50 cm	Digital Scale	Work Instruction AEW001T-LB Tyco Spec 117-95 Calibration Steel Measuring Tapes. JIS B 7512 (1993)
Steel Rules	Up to 1 220 mm	0.060 mm / 50 cm	Digital Scale	Work Instruction AEW001T-LB Tyco Spec. 117-94 Calibration Steel Rules, JIS B 7516 (1987)
Granite Surfaces Plates --Repeatability	(12 x 18) in to (40 x 60) in Resolution 0.001 in	36 µin	Mahr Repeatometer Precision Dial Indicator	Work Instruction AEW002T-LB, JIS B 7513 (1992), GGG-P-463c-1973
Dial Test Indicator (lever-type)	Up to 1.0 mm	0.012 mm	Height Master	Work Instruction AEW004T-LB, JIS B 7533 (1990), Tyco Spec 117-14 Dial Indicator, Electronic and Mechanical
Calipers	Up to 200 mm	0.023 mm	Gage Blocks Ring Gages	Work Instruction AEW005T-LB, JIS B 7507 (1993), Tyco Spec 117-9 Caliper, Vernier, Dial and Digital
Micrometer	Up to 25.4 mm	0.0016 mm	Gage Blocks Grade 2	Work Instruction AEW006T-LB, JIS B 7502 (1994), Tyco Spec 117-5 Micrometer, Inch/Metric, Outside, Blade and Flange
Optical Comparator	Up to 300 mm (X,Y)	0.0046 mm	Glass Scale	Work Instruction AEW007T-LB, JIS B 7184:1999, Tyco Spec 117-19 Optical Comparators
Video Comparator	Up to 300 mm (X,Y)	0.0052 mm	Glass Scale	Work Instruction AEW007T-LB. JIS B 7184:1999
Digital Height Indicator (travel-type)	Up to 50 mm	0.0021 mm	Gage Blocks	Work Instruction AEW008T-LB, Tyco Spec. 117-14 Dial Indicator Electronic and Mechanical



## V. Mechanical Calibration

PARAMETER / EQUIPMENT	RANGE	BEST MEASUREMENT CAPABILITY [EXPRESSED AS UNCERTAINTY(+)]	REFERENCE STANDARD OR EQUIPMENT	METHOD(S)
Force Gauge	Up to 200 lb·f	0.114 lb·f	Master Weights	Work Instruction AEW003T-LB, Tyco Spec 117-70 Force Gages
Scales	Up to 4 kg	4.0 g	Master Weights Class M3	Work Instruction AEW013T-LB, NOM-010-SCFI-1994

*Notes:*

1. Best Measurement Uncertainties (Expanded Uncertainty) are based on approximately a 95% confidence interval, using a coverage of  $k=2$
2. L in uncertainties represents length in inches
3. The uncertainty associated when calibrating a balance/scale is dependent on local conditions, such as the resolution of the unit being calibrated and the environment in which the balance/scale is operating. The uncertainty listed in the scope here represents the best uncertainty for a balance/scale which the organization typically calibrates in its lab. Since field (on-site) conditions are typically more variable than those in the laboratory, larger measurement uncertainties are expected in the field (on-site) than what is reported on the accredited scope.
4. \* = As Applicable
5. This scope is part of and must be included with the Certificate of Accreditation No. ACT-1173



Vice President



## **Section 13**

# **Appearance Approval Report**

***tyco***

*Electronics*

# Not Applicable



## **Section 14**

# **Sample Product**

**Sent in separate package**  
(if required)

## **Section 15**

# **Master Sample**

**Retained at manufacturing location**

***tyco***

*Electronics*

# Section 16

# Checking Aids

***tyco***

*Electronics*

**Not Applicable**

## **Section 17**

# **Records of Compliance with Customer-Specific Requirements**

***tyco***

*Electronics*

# Not Applicable

## **Section 18**

# **Part Submission Warrant**

## Part Submission Warrant

Part Name 1x4 Pos, Get Female Connector, Unsealed, Assembly Cust. Part Number \_\_\_\_\_  
 Shown on Drawing No. C-3-1419158-2 Org. Part Number 6-1419169-8  
 Engineering Change Level E1 Dated 9-Feb-2010  
 Additional Engineering Changes N / A Dated N / A  
 Safety and/or Government Regulation ☐ Yes ☒ No Purchase Order No. N / A Weight (kg) 0.0020  
 Checking Aid Number N / A Checking Aid Engineering Change Level N / A Dated N / A

## ORGANIZATION MANUFACTURING INFORMATION

Tyco Electronics Plant # 6 Empalme  
 Supplier Name & Supplier/Vendor Code \_\_\_\_\_  
Carretera Int. Km. 1969 Guadalajara-Nogales Km. 2  
 Street Address \_\_\_\_\_

Empalme Sonora 85340 Mexico  
 City Region Postal Code Country

## CUSTOMER SUBMITTAL INFORMATION

Sterling Technologies  
 Customer Name/Division \_\_\_\_\_  
Not provide by the customer  
 Buyer/Buyer Code \_\_\_\_\_

## MATERIALS REPORTING

Reporting of all materials, not just Substances of Concern, may be required by certain OEMs or other customers.

Has customer-required Substances of Concern information been reported? ☐ Yes ☒ No

Submitted by IMDS or other customer format:

9260132 / 1

Are polymeric parts identified with appropriate ISO marking codes?

☐ Yes ☒ No ☐ N/A

## REASON FOR SUBMISSION

- |   |  |
|---|--|
| <input checked="" type="checkbox"/> Initial submission                                | <input type="checkbox"/> Change to Optional Construction or Material |
| <input type="checkbox"/> Engineering Change(s)  | <input type="checkbox"/> Sub-Supplier or Material Source Change      |
| <input type="checkbox"/> Tooling: Transfer, Replacement, Refurbishment, or additional | <input type="checkbox"/> Change in Part Processing                   |
| <input type="checkbox"/> Correction of Discrepancy                                    | <input type="checkbox"/> Parts produced at Additional Location       |
| <input type="checkbox"/> Tooling Inactive > than 1 year                               | <input type="checkbox"/> Other - please specify _____                |

## REQUESTED SUBMISSION LEVEL (Check one)

- ☐ Level 1 - Warrant only (and for designated appearance items, an Appearance Approval Report) submitted to customer.  
☐ Level 2 - Warrant with product samples and limited supporting data submitted to customer.  
☒ Level 3 - Warrant with product samples and complete supporting data submitted to customer.  
☐ Level 4 - Warrant and other requirements as defined by customer.  
☐ Level 5 - Warrant with product samples and complete supporting data reviewed at supplier's manufacturing location.

## SUBMISSION RESULTS

The results for ☒ dimensional measurements ☒ material and functional tests ☒ appearance criteria ☒ statistical process package

These results meet all design record requirements: ☒ YES ☐ NO (If "NO" - Explanation Required)

Mold / Cavity / Production Process Assembly Process

## DECLARATION

I affirm that the samples represented by this warrant are representative of our parts, which were made by a process that meets all Production Part Approval Process Manual 4th Edition Requirements. I further affirm the these samples were produced at a production rate of 57600 /24 hours.  
 I also certify that the documented evidence of such compliance is on file and available for review. I have noted any deviation from the declaration below.

EXPLANATION/COMMENTS: CUSTOMER REQUEST

Is each Customer Tool properly tagged and numbered? ☐ Yes ☐ No ☒ N/A

Organization Authorized Signature Marco A. Verdugo Acosta Date 25-Oct-2010

Print Name Marco A. Verdugo Acosta Phone No. (622)-22-5-1000 ext 1238 Fax No. (622)-22-3-1140

Title Quality Engineer E-mail marco.verdugo@tycoelectronics.com

## FOR CUSTOMER USE ONLY (IF APPLICABLE)

Part Warrant Disposition: ☐ Approved ☐ Rejected ☐ Other \_\_\_\_\_

Customer Signature \_\_\_\_\_ Date \_\_\_\_\_

Print Name \_\_\_\_\_ Customer Tracking Number (optional) \_\_\_\_\_



## **Section 18a**

# **Bulk Material Requirements**

***tyco***

*Electronics*

**Not Applicable**

---

**From:** Prescott, Amanda (A.B.)  
**Sent:** Tuesday, February 15, 2011 2:46 PM  
**To:** Lang, Gary (G.C.)  
**Cc:** Kreiger, Erik (E.); Culkeen, Patrick (P.M.)  
**Subject:** RE: 11S18 - F150 Air Bag 1st Draft Review and Comment

**Follow Up Flag:** Follow up  
**Flag Status:** Red

Gary,  
I was of the understanding that there is an instruction sheet that is packaged with the jumper harness. Maybe Erik has a copy of the instruction sheet?

Amanda

---

**From:** Lang, Gary (G.C.)  
**Sent:** Tuesday, February 15, 2011 2:44 PM  
**To:** Prescott, Amanda (A.B.)  
**Subject:** RE: 11S18 - F150 Air Bag 1st Draft Review and Comment

I am not aware of the instructions in the repair kit. Are there any?

**Gary Lang**

Ford Customer Service - Recall  
Phone (313) 24-84791

---

**From:** Prescott, Amanda (A.B.)  
**Sent:** Tuesday, February 15, 2011 2:41 PM  
**To:** Lang, Gary (G.C.); Frascaroli, Emily (E.E.)  
**Subject:** FW: 11S18 - F150 Air Bag 1st Draft Review and Comment

<< File: 11S18 - Owner Letter 03.doc >> << File: 11S18 - Dealer Bulletin 03.doc >>  
Minor changes. No change to tech instructions, I am assume the tech instructions are consistent with the instructions that are part of repair kits.

---

**From:** Ott, David (D.J.)  
**Sent:** Tuesday, February 15, 2011 1:32 PM  
**To:** Culkeen, Patrick (P.M.)  
**Cc:** Fronckowiak, Todd (T.M.); Prescott, Amanda (A.B.)  
**Subject:** FW: 11S18 - F150 Air Bag 1st Draft Review and Comment

Yours.

---

**From:** Wickenheiser, Francis (F.J.)  
**Sent:** Tuesday, February 15, 2011 11:55 AM  
**To:** Lang, Gary (G.C.)  
**Cc:** Ott, David (D.J.); Frascaroli, Emily (E.E.)  
**Subject:** FW: 11S18 - F150 Air Bag 1st Draft Review and Comment

Hi Gary - This one is Dave's, and Emily is covering for Jay while he is out...

---

**From:** Lang, Gary (G.C.)  
**Sent:** Tuesday, February 15, 2011 11:54 AM  
**To:** Wickenheiser, Francis (F.J.); Logel, Jay (J.D.)

**Subject:** 11S18 - F150 Air Bag 1st Draft Review and Comment

**Your approval/concurrence is required to publish 11S18 - F150 Air Bag.**

**Joe, please review the dealer letter, customer letter, and tech instructions and forward your comments/concurrence to Jay.**

**REDACTED FOR PRIVILEGE**

This program is scheduled to be posted to FMCDDealer by February 22, 2011.

<< File: 11S18 - Dealer Bulletin 03.doc >> << File: 10X11\_F-150 Air Bag wire\_D4 .pdf >> << File: 11S18 - Owner Letter 03.doc >>

**Gary Lang**

Ford Customer Service - Recall

Phone (313) 24-84791

DSC II rm 795

1800 Fairlane Dr

Allen Park, MI 48101

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**From:** Lang, Gary (G.C.)  
**Sent:** Wednesday, February 16, 2011 10:32 AM  
**To:** Frascaroli, Emily (E.E.); Prescott, Amanda (A.B.)  
**Subject:** RE: 11S18 - F150 Air Bag 1st Draft Review and Comment

**REDACTED FOR PRIVILEGE**

PRIVILEGED & CONFIDENTIAL

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**From:** Lang, Gary (G.C.)  
**Sent:** Wednesday, February 16, 2011 8:51 AM  
**To:** Frascaroli, Emily (E.E.)  
**Cc:** Prescott, Amanda (A.B.)  
**Subject:** FW: 11S18 - F150 Air Bag 1st Draft Review and Comment

REDACTED FOR PRIVILEGE

Gary Lang

Ford Customer Service - Recall  
Phone (313) 24-84791

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**From:** Prescott, Amanda (A.B.)  
**Sent:** Tuesday, February 15, 2011 2:41 PM  
**To:** Lang, Gary (G.C.); Frascaroli, Emily (E.E.)  
**Subject:** FW: 11S18 - F150 Air Bag 1st Draft Review and Comment

<< File: 11S18 - Owner Letter 03.doc >> << File: 11S18 - Dealer Bulletin 03.doc >>

Minor changes. No change to tech instructions, I am assume the tech instructions are consistent with the instructions that are part of repair kits.

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**From:** Ott, David (D.J.)  
**Sent:** Tuesday, February 15, 2011 1:32 PM  
**To:** Culkeen, Patrick (P.M.)  
**Cc:** Fronckowiak, Todd (T.M.); Prescott, Amanda (A.B.)  
**Subject:** FW: 11S18 - F150 Air Bag 1st Draft Review and Comment

Yours.

---

**From:** Wickenheiser, Francis (F.J.)  
**Sent:** Tuesday, February 15, 2011 11:55 AM  
**To:** Lang, Gary (G.C.)  
**Cc:** Ott, David (D.J.); Frascaroli, Emily (E.E.)  
**Subject:** FW: 11S18 - F150 Air Bag 1st Draft Review and Comment

Hi Gary - This one is Dave's, and Emily is covering for Jay while he is out...

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**From:** Lang, Gary (G.C.)  
**Sent:** Tuesday, February 15, 2011 11:54 AM  
**To:** Wickenheiser, Francis (F.J.); Logel, Jay (J.D.)  
**Subject:** 11S18 - F150 Air Bag 1st Draft Review and Comment

**Your approval/concurrence is required to publish 11S18 - F150 Air Bag.**

**Joe, please review the dealer letter, customer letter, and tech instructions and forward your comments/concurrence to Jay.**

REDACTED FOR PRIVILEGE

This program is scheduled to be posted to FMCDealer by February 22, 2011.

<< File: 11S18 - Dealer Bulletin 03.doc >> << File: 10X11\_F-150 Air Bag wire\_D4 .pdf >> << File: 11S18 - Owner Letter 03.doc >>

## **Gary Lang**

Ford Customer Service - Recall

Phone (313) 24-84791

DSC II rm 795

1800 Fairlane Dr

Allen Park, MI 48101

**From:** Hull, Michelle (M.K.)  
**Sent:** Friday, August 27, 2010 9:45 AM  
**To:** Culkeen, Patrick (P.M.); Revoir, Tina (T.R.)  
**Subject:** FW: Dealer/Fleet Request For OGC Review

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Pat,

**REDACTED FOR PRIVILEGE**

<u><b>Labor Op Code</b></u>	<u><b>Labor Op Description</b></u>
14056D	AIR BAG RESTRAINT SYSTEM DIAGNOSIS
14056D1B	
14056D5L	MODULE ASSEMBLY-DRIVER OR PASSENGER SIDE-AIR BAG REPLACE
12651DX1	EXTRA TIME TO REPEAT FINAL QUICK TEST

<u><b>Causal Flag</b></u>	<u><b>Full Part Number</b></u>	<u><b>Part Description</b></u>	<u><b>Part CPSC</b></u>	<u><b>Part Quantity</b></u>
Y	6L3Z 14B321 B	SENS & BRKT ASY-AIR BAG FRT	012005	1
N	7L3Z 15043B13 CC	MODULE-AIR BAG	110603	1

**From:** dcpform@ford.com [mailto:dcpform@ford.com]  
**Sent:** Thursday, August 26, 2010 7:42 PM  
**To:** Ordcalp, F (F.); Taylor, Alma (A.)  
**Subject:** Dealer/Fleet Request For OGC Review

**Dealer/Fleet Request For OGC Review**

**Dealership/Fleet Name:** Power Ford Torrance  
**Requesting Dealer/Fleet:** Power Ford Torrance  
**Contact Person:** Greg Murphy  
**Title:** Fixed Operations Director  
**Address:** 3111 PCH Torrance, CA 90505  
**Telephone:** 3107844700  
**Email Address:** murphyg1@autonation.com  
**PA Code:** 05524  
**Region:** Los Angeles  
**City:** Torrance

3/3/2011

EA10-001.9 000588



**Dealer State:** CA

**Fax Number:** 310 784-4756

**WSD:** 10/10/2005

**Vehicle Year:** 2006

**Vehicle Model:** F-150

**Vehicle VIN:** 1FTRF12276N [REDACTED]

**Mileage:** 75000

**Customer/Fleet Name:** [REDACTED]

**Street Address:** [REDACTED] 08

**City:** Torrance

**State:** California

**Zip Code:** [REDACTED]  
[REDACTED]  
[REDACTED]

**Work Phone:** [REDACTED]

**Customer Region:** W1 - Los Angeles

**Incident Involves:** Injury

**Date of Incident:** 08/24/2010

**County in which incident occurred:** Los Angeles

**Is Alleging Defect:** Yes

**Alleging defect detail:** Customer states the drivers side air bag deployed on its own. Customer states the driver was backing into a parking spot and the bag deployed. Customer states driver was injured. In addition, customer states this is the second time this has occurred. first incident was on 7/18/2007 miles 18122. Vehicle was repaired under warranty at Power Ford Torrance.

**Police Report Filed:** No

**Insurance Company Contacted:** N

**Coach Builder State:** AK - Alaska

**Vehicle Location:** with customer

**Resolution Sought Detail:** SM at Power Ford told the customer that he would contact FMC to report incident and then report back to this customer after contact.

This email was automatically generated. Please do not reply to this email. No one monitors the inbox for this email address.

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**From:** Logel, Jay (J.D.)  
**Sent:** Friday, February 11, 2011 4:25 PM  
**To:** Prescott, Amanda (A.B.); Welch, Sharon (S.L.)  
**Cc:** Culkeen, Patrick (P.M.); Nevi, Raymond (R.A.); Fronckowiak, Todd (T.M.)  
**Subject:** RE: RE: Fact Sheet for F-150

**REDACTED FOR  
PRIVILEGE**

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**From:** Prescott, Amanda (A.B.)  
**Sent:** Friday, February 11, 2011 4:25 PM  
**To:** Welch, Sharon (S.L.)  
**Cc:** Logel, Jay (J.D.); Culkeen, Patrick (P.M.); Nevi, Raymond (R.A.); Fronckowiak, Todd (T.M.)  
**Subject:** RE: Fact Sheet for F-150

Sharon,  
Pat and I have reviewed the fact sheet and made some modifications. The modifications are in line with the position that we have taken with NHTSA. I called and talked with Jay about the changes as well.

<< File: 10X11 2005-06 F-150 Airbag\_Factsheet approved.doc >>  
Thanks,  
Amanda