

PE04-078

FORD

1/28/2005

ATTACHMENT L5 & L7

(L7 PART 1 OF 2)

BOOK 11 OF 12

PART 1 OF 5

11-16-04

TREAD Data Indicator PD

VOQ

PD - limits (LMS) + MORS
↳ Not conclusive

MORS / AWS / CES

VOQ verbatim

20

Mini - (Line 60 parts?)

Dealer Returns 20 200 / Analysis
20 {??} Testing

Design Review

D.A. - Mark - says overfused
- media effect

D.A.
~~Over~~ Look at vehicles, new reports. 56 ~~25~~ 50 open track. 13 inspected
- Look at old reports.
- Summary by end of next week. Check

Jack Ridman - Design Analysis Mgr - Need to bracket design issue

Charles Adams -

Lea Palmer - Look at Dealer Source Books

Mark Hoffman - Over fused?

Norm LaPoint

Britton, Eric (E.J.)

Subject: F-Series Fire Allegations
Location: Parklane Towers West - Conference Room 500B

Start: Tue 11/16/2004 12:30 PM
End: Tue 11/16/2004 1:30 PM

Recurrence: (none)

Meeting Status: Meeting organizer

Required Attendees: King, Fred (F.W.); LaPointe, Norman (N.R.); Hoffman, Mark (M.E.); Kwiatkowski, Mike (M.P.); Ott, David (D.J.); Kollar, Marge (M.A.); Postar, Fred (F.J.); PTW OGC Conf Room 500B (20)

Optional Attendees: Adams, Charles (C.T.); Ridenour, Jack (J.); Molnar, Lou (L.F.)

F150 Fires

10/13

Update application chart

Parts - Central Labs - Fleets or Employees.
Sci Labs - Oct 20-22 Employee Campaign
Independent - Lynn Swift Camera Refreshments Parts Survey
S. Phillips

TI supplier 1.5 M per year why F150
why certain MY

Dave - Followup w/ FQE, Dealer Tech on service replacements
No vehicle comparisons

Greg Oswald - Service Rate of switches

MY '03 Hi-Stat replaces TI - same base
- new prefix/suffix

Look at covers Build Date, Plant

Fred - Pull Service data - multiple vehicle lines but can lock out
quality data in general

Fred (change) - Switch Design Review - vehicle differences
97 PN96

99 1/2 new elec architecture

Same switch orientation

Greg Oswald - Parts Sales Data by month, service Rate

Dave Ott - Have Mark Heffman review pictures on lawsuits

Maye - ~~Mark~~ Fred Porter to get Paul Duffy circuits that are
hot at all times. Chino Clayton

FESE - What's different in each MY. Product changes

eric - Need VIN's for all claims

Dave - Pull Company - Dave Ott work with 6 or

~~Quality Data~~ Warranty

Steve, below is a source from Charlie Douglas to Fred Foster that was an early answer to the various back of part number questions....I have now added plastic type as a difference between switches as well as main position tab more prominent as it might be a confounder in the connector anal theory....Andy McClint 3/18/99

Fred,

I believe that your list includes some service part numbers, older rev levels, as well as pre-production or prototype part numbers. Overall, including Ford Australia, there are eight different production parts. Differences from part to part are sticky wheel and trackbar connection configuration, release pressure, lampout style, position tab to locate connector, color (and possibly plastic material) of connector base, thread style, and snap notes associated with the pressure dial. The following matrix, helps summarize this information:

Part Number	Activation	Release	Trackbar	Mount	Thread	SN/O	Service Part/Rev
* 92-97	F2VC 9F924 AB 90-160 (1)	20 min	Brown / pos 2	1912	3/8-24M	SNIP	109-275
* 96-98	F2LC 9F924 Act 200-300 (2)	40 min	Black / pos 2	1912	3/8-24M	SNIP	0-6
* 92-97	F2AC 9F924 AA 90-200 (3)	20 min	Natural / pos 2	1912	3/8-24M	Quint	120-280
** 95-02	F2SA 9F924 AA 90-160 (4)	20 min	Gray / pos 1	1912	3/8-24M	Quint	702-2992
** Exped. 18-9	F2TA 9F924 CA 200-300 (5)	40 min	Red / pos 1	1912	3/8-24M	SNIP	1182-3922
	F2EA 9F924 AA 90-160 (6)	20 min	Natural / pos 2	o-ring	M18x1.0M4	Quint	3-45
92-95	F2EG 9F924 AA 90-160 (7)	20 min	Natural / pos 2	Stitcher	3/8-24M	Quint	8-5
	F2FA 9F924 AB 90-160 (8)	20 min	Gray / pos 1	o-ring	3/8-24M	Quint	8-5

- Vehicle - Part Number Correlation**
- 72-91 (1) Crown Vic, Grand Marquis, Mark, Town Car
 - (2) Excursion, Club Wagon
 - (3) Crown Vic, Grand Marquis, Mark, Town Car
 - (4) Winstar 95-03
 - (5) Bronco, F-Series, Ranger, Excursion, Navigator, Expedition, Excursion, Club Wagon, Explorer Sport Trac, Explorer Sport
 - (6) Focus
 - (7) SHO Taurus 92-95
 - (8) Capri 94-97

LFF 45B-14A96A-AA (New connector must m.J. T.)
 Terminal 245B-14674-A
 F2AB-14A460-ADA
 Terminal - 245B-1474-BA
 F2AB-14A460-ADA

TI PSI Correlation to Above

TI PSI	Part Number	Part Number	Part Number	Covers
(1) T1P8L3-1	3F27-9F920-AB	F5AB-14A460-BA	90-160	1, 3, 4, 7
(2) T1P8L3-3	3L37-9F920-AB	"	200-300	2, 5
(3) T1P8L3-1				
(4) T1P8L3-4				
(5) T1P8L3-3				
(6) T1P8L4-1				
(7) T1P8L5-3				
(8) T1P8L6-1				

PER4-878 0280

8 SUS - 2: Europa, 2: to repairs/month, 2: 300 repairs/month, 2: 780-3900 repairs/month
 (Low pressure) (High/Low pressure)
 Focus 90-98 Mark III
 Capri 92-95 Euro S160
 92-97 CUS/EM
 96-98 Mark III
 92-97 Taurus

9566-14A624-HBA	Conn.			
92VB-14A21-BA	Term	20-18 AWG	0.5-1.0mm ²	
89FG-10C930-BA	Seal	16-18 AWG	1.0-2.5mm ²	
89FG-10C930-AA	Seal	20-18 AWG	0.5-1.0mm ²	

F5AB-14A460-BA
 F5AB-14A460-AA Spacer
 F626-14A460-AA Ground T 20-22mm dia
 F578-14A460-AA Contact-Tin 0.5-2mm²
 MAX TOTAL PAGE.01 max 16-Max



DRAFT

REDUNTANT SPEED CONTROL DEACTIVATION SWITCH

DRAFT

TI Part Number	Actuation	Release	Thread	S or Q	TI Mating Conn	HI Stat Replacement	HI-Stat Mating Connector	Vehicle	Monthly Switch Orders
F3TA-9F924-CA	200-300	40 MIN	3/8-24M	Snap	F4SB-14A464-AA	3L3T-9F924-AB	F5AB-14A464-AB	Bronco(7), F-Series, Ranger, Explorer (4 DR, Sport(7), Sport Trac(7)), Navigator, Expedition, Econoline, Club Wagon(7)	1812-3922
F58A-9F924-AA	90-160	20 MIN	3/8-24M	Quiet	F4SB-14A464-AA	3F2T-9F924-AB	F5AB-14A464-AB	Windstar	782-2942
F6LC-9F924-AA	200-300	40 MIN	3/8-24M	Snap	F4SB-14A464-AA	3L3T-9F924-AB	F5AB-14A464-AB	Econoline(7), Club Wagon	0-6
F2AC-9F924-AA	90-200	20 MIN	3/8-24M	Quiet	F2AB-14A464-ADA	3F2T-9F924-AB	F5AB-14A464-AB	Crown Vic/Grand Marquis, Mark, Town Car	120-330
F2VC-9F924-AB	90-160	20 MIN	3/8-24M	Snap	F2AB-14A464-ADA	3F2T-9F924-AB	F5AB-14A464-AB	Crown Vic/Grand Marquis, Mark, Town Car	108-275
F3DC-9F924-AA	90-160	20 MIN	3/8-24M	Quiet	F2AB-14A464-ADA	3F2T-9F924-AB	F5AB-14A464-AB	Taurus SHO	3-43
94JA-9F924-AB	90-160	20 MIN	3/8-24M	Quiet	NA	NA	NA	Capri	0-5
94DA-9F924-AA	90-160	20 MIN	M10x1.0M	Quiet	NA	NA	NA	Falcon	?

Volume of 95GG availability service / FSA rate/flow

Notes:

Mate to F4SB-14A464-AA is 95GG-14A624-HBA *speed*

Mate to F2AB-14A464-ADA is 7771-14A624-77

Pigtail for HI-Stat switch is 3U2J-14B475-JZB (engineering P/N) or 3U2Z-14S411-JZA (service P/N) 14GA tin plated terminals

Jumper for F3TA, F58A, and F6LC would contain F5AB-14A464-AB and 95GG-14A624-HBA

HI-Stat switches are Snap type design. No equivalent Quiet design exists.

-note to John Bill of Material

Rich Raymond pigtail Eng P.T.W. / 11/01/95 Release analysis

200K 93-97 12M EU/GM

SD required

note to Gary To get conn for pos 2 conn phone

PERA-078 0299

Cruise deac switch.xls
3/22/04

06X (sequencing) patrol #

*Exp/ANU 97-02 03
HEW Shrink
Steve Tom Brown
T. Blackburn
X-21809*

(40) 15 compar

Blackburn, Thomas (T.J.)

Dave Smith 35471

From: Shore, John (J.)
Sent: Friday, March 05, 2004 4:14 PM
To: Reimers, Steve (S.J.)
Cc: Shore, John (J.)
Subject: RE: Service part usage rates

Steve,

Sales by month as requested

SERVICE PART: F2VY- 9F924-A SWITCH ASY
ENGINEERING PART: F2VC 9F924 AB ORIGIN: WERS
SDI Code:

A	C	MONTH	YEAR	Quantity
		03	2004	49
		02	2004	159
		01	2004	157
		12	2003	246
		11	2003	249
		10	2003	203
		09	2003	227
		08	2003	249
		07	2003	259
		06	2003	209
		05	2003	182
		04	2003	196
		03	2003	161
		02	2003	116
		01	2003	133
		12	2002	144
		11	2002	148
		10	2002	221
		09	2002	244
		08	2002	215
		07	2002	179
		06	2002	226
		05	2002	219
		04	2002	139
		03	2002	131
		02	2002	109
		01	2002	121
		12	2001	179
		11	2001	143
		10	2001	275
		09	2001	161

SWRPSCKA First Stocking Demand by Customer Type 03/05/04 15:31:16
==>

SERVICE PART: F2VY- 9F924-A SWITCH ASY
RECEIVING LOCATION: DEMAND GROUP:
SDI Code: BACKCAST: Y

A	C	CUST	B	03-2004	02-2004	01-2004	12-2003	11-2003	10-2003
		APV	0	0	2	0	0	0	1
		DLR	0	30	104	140	124	182	159
		KRP	0	10	32	17	122	67	43
		FAR	0	0	0	0	0	0	0
		FOC	0	0	0	0	0	0	0
		FOM	0	9	12	0	0	0	0
		GDS	0	0	0	0	0	0	0
		ICC	0	0	0	0	0	0	0
		PPD	0	0	0	0	0	0	0

SDS	0	0	0	0	0	0	0
SMA	0	0	0	0	0	0	0
Total		49	150	157	346	249	203

ENG PART: F2VC 9F924 AB ORIGIN: WERS REGION: N USG STAT:
 Eng Name: SW ASY-SPD CONT DEACT PT: PTO: VL:
 Svc Part: F2VY- 9F924-A Replaces: Y Is Replcd: N USG IND:

P	In	Out	Feature Descriptions	
t	Vl	Yr	Yr	Feature Descriptions
A	FB	92	93	CROWN VIC (EN53/EN114)
A	FP	92	93	GRAND MARQ (EN53/EN114)
A	VB	92	93	TOWN CAR (FN36/FN116)
C	DA	94	95	TAURUS
C	FB	92	94	CROWN VIC 4 SPD AUTO TRANS NAAO ACDE LESS ANTI-SPIN TRACTION BRAKES SPEED CONTROL
C	FB	92	94	CROWN VIC 4 SPD AUTO TRANS NAAO ACDE ANTI-SPIN TRACT BRAKES W/O IVD SPEED CONTROL
C	FB	99		CROWN VIC
C	FP	92	94	GRAND MARQ (EN53/EN114) 4 SPD AUTO TRANS NAAO ACDE LESS ANTI-SPIN TRACTION BRAKES SPEED CONTROL
C	FP	92	94	GRAND MARQ (EN53/EN114) 4 SPD AUTO TRANS NAAO ACDE ANTI-SPIN TRACT BRAKES W/O IVD SPEED CONTROL
E	LA	93	93	MARK
C	LB	94	95	MARK VIII (FN10)
C	VB	94	97	TOWN CAR (FN36/FN116) LIMO CONVERSION PACKAGE
E	VB	93	93	TOWN CAR (FN36/FN116) LIMO CONVERSION PACKAGE 4 WHL ANTI-LOCK BRAKES
C	VB	92	97	TOWN CAR (FN36/FN116) LIMO CONVERSION PACKAGE LESS SPECIAL EQUIPMENT PACKAGE
C	VB	93	97	TOWN CAR (FN36/FN116) 4 SPD AUTO TRANS NAAO ACDE LESS SPECIAL PURPOSE VEHICLE
E	VB	93	93	TOWN CAR (FN36/FN116) 4 SPD AUTO TRANS NAAO ACDE LESS SPECIAL PURPOSE VEHICLE
C	VB	92	97	TOWN CAR (FN36/FN116) 4 SPD AUTO TRANS NAAO ACDE LIMO CONVERSION PACKAGE 4 WHL ANTI-LOCK BRAKES
C	VB	93	97	TOWN CAR (FN36/FN116) 4 SPD AUTO TRANS NAAO ACDE LIMO CONVERSION PACKAGE 4 WHL ANTI-LOCK BRAKES
C	VC	98		LINCOLN TOWN CAR LIMO CONVERSION PACKAGE
C	VC	98	00	LINCOLN TOWN CAR LIMO CONVERSION PACKAGE LESS SPECIAL EQUIPMENT PACKAGE

92-94-00/CA
 94-95 Taurus
 92-97 Town Car
 94-95 Mark VIII

SERVICE PART: F6LZ- 9F924-AB SWITCH ASY ORIGIN: WERS
 ENGINEERING PART: F6LC 9F924 AA
 SDI Code:

A	C	MONTH	YEAR	Quantity
		03	2004	0
		02	2004	0
		01	2004	0
		12	2003	0
		11	2003	2
		10	2003	1
		09	2003	1
		08	2003	1
		07	2003	1
		06	2003	2
		05	2003	4
		04	2003	4
		03	2003	1
		02	2003	0
		01	2003	2
		12	2002	5
		11	2002	1
		10	2002	0
		09	2002	2
		08	2002	4
		07	2002	2

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06	2002	6
05	2002	0
04	2002	0
03	2002	0
02	2002	1
01	2002	0
12	2001	0
11	2001	2
10	2001	0
09	2001	3

A	CUST	B						
C	TYPE	C	03-2004	02-2004	01-2004	12-2003	11-2003	10-2003
	APF	0	0	0	0	0	0	0
	DLR	0	0	0	0	0	1	0
	EXP	0	0	0	0	0	0	0
	FAR	0	0	0	0	0	0	0
	FOC	0	0	0	0	0	0	0
	FCM	0	0	0	0	0	0	0
	GDS	0	0	0	0	0	0	0
	ICC	0	0	0	0	0	1	1
	PPD	0	0	0	0	0	0	0
	SDS	0	0	0	0	0	0	0
	SMA	0	0	0	0	0	0	0
	Total		0	0	0	0	2	1

ENG PART: F6LC 9F924 AA ORIGIN: WERS REGION: N USG STAT:
 Eng Name: SW ASY-RPD CONT DEACT PT: PTO: VL:
 Svc Part: F6LE- 9F924-AA (N) Replaces: N Is Replcd: Y USG INW:
 P In Out
 t V1 Yr Yr Feature Descriptions Feature Descriptions

 C LB 96 98 MARK VIII (FM10)

SERVICE PART: F2AC- 9F924-AA SWITCH ASY ORIGIN: WERS
 ENGINEERING PART: F2AC 9F924 AA

A	C	MONTH	YEAR	Quantity
		03	2004	51
		02	2004	214
		01	2004	161
		12	2003	199
		11	2003	203
		10	2003	291
		09	2003	273
		08	2003	287
		07	2003	253
		06	2003	205
		05	2003	185
		04	2003	187
		03	2003	120
		02	2003	168
		01	2003	168
		12	2002	179
		11	2002	250
		10	2002	330
		09	2002	245
		08	2002	237
		07	2002	308
		06	2002	258
		05	2002	226
		04	2002	248
		03	2002	156
		02	2002	156
		01	2002	189

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12	2001	134
11	2001	199
10	2001	266
09	2001	207

CUST TYPE	B C	03-2004	02-2004	01-2004	12-2003	11-2003	10-2003
APP	0	0	0	0	0	0	0
DLR	0	15	61	58	58	52	89
EXP	0	16	16	20	55	8	40
FAR	0	0	0	0	0	0	0
FOC	0	0	0	0	0	0	0
FOM	0	0	49	0	24	19	0
GDS	0	0	0	0	0	0	0
ICC	0	20	88	83	62	124	162
PDF	0	0	0	0	0	0	0
SDS	0	0	0	0	0	0	0
SMA	0	0	0	0	0	0	0
Total		51	214	161	199	203	291

ENG PART: F2AC 9F924 AA ORIGIN: WERS REGION: N USG STAT:
 Eng Name: SW ASY-SPD CONT DEACT PT: PTO: VL:
 Svc Part: F2AZ- 9F924-A (M) Replaces: N Is Replcd: Y USG LMD:

P	In	Out	t	Vl	Yr	Yr	Feature Descriptions	Feature Descriptions
C	FB	95	97				CROWN VIC SPEED CONTROL	LESS ANTI-SPIN TRACTION BRAKES
C	FB	92	94				CROWN VIC LESS ANTI-SPIN TRACTION BRAKES	4 SPD AUTO TRANS HAO AODE SPEED CONTROL
C	FP	95	97				GRAND MARQ (EN53/EN114) SPEED CONTROL	LESS ANTI-SPIN TRACTION BRAKES
C	FP	92	94				GRAND MARQ (EN53/EN114) LESS ANTI-SPIN TRACTION BRAKES	4 SPD AUTO TRANS HAO AODE SPEED CONTROL
C	VR	95	97				TOWE CAR (FN16/FN16)	LESS ANTI-SPIN TRACTION BRAKES
C	VC	95	98				LINCOLN TOWN CAR	LESS ANTI-SPIN TRACTION BRAKES

SERVICE PART: F58E- 9F924-AA SWITCH ASY ORIGIN: WERS
 ENGINEERING PART: F58A 9F924 AA

A	C	MONTH	YEAR	Quantity
		03	2004	371
		02	2004	1285
		01	2004	1831
		12	2003	2129
		11	2003	2092
		10	2003	2942
		09	2003	2679
		08	2003	2386
		07	2003	2172
		06	2003	1947
		05	2003	1631
		04	2003	1422
		03	2003	1066
		02	2003	977
		01	2003	1201
		12	2002	1143
		11	2002	1711
		10	2002	1994
		09	2002	1736
		08	2002	1739
		07	2002	1620
		06	2002	1304
		05	2002	1169

04	2002	1139
03	2002	921
02	2002	782
01	2002	801
12	2001	936
11	2001	1260
10	2001	1577
09	2001	1240

CUST TYPE	B C	03-2004	02-2004	01-2004	12-2003	11-2003	10-2003
AFF	0	0	10	28	81	18	55
DLR	0	103	421	429	459	537	701
EXP	0	0	106	158	163	55	161
FAR	0	0	0	0	0	0	0
FOC	0	0	0	0	0	0	0
FOM	0	0	41	20	16	41	37
GDS	0	0	0	0	0	0	0
ICC	0	268	707	1196	1410	1441	1988
PPD	0	0	0	0	0	0	0
SDS	0	0	0	0	0	0	0
SMA	0	0	0	0	0	0	0
Total		371	1285	1831	2129	2092	2942

ENG PART: F58A 9F924 AA ORIGIN: WERS REGION: N USG STAT:
 Eng Name: SW ASY-SVD CONT DEACT PT: PTO: VL:
 Svc Part: F58A- 9F924-A (M) Replaces: Y Is Replod: Y USG IND:
 P In Out
 t V1 Yr Yr Feature Descriptions Feature Descriptions

 T A3 02 03 WINDSTAR (WIN98/WIN126)
 T A3 95 03 WINDSTAR (WIN98/WIN126) SPEED CONTROL

SERVICE PART: F3TZ- 9F924-BB SWITCH ASY
 ENGINEERING PART: F3TA 9F924 CA ORIGIN: WERS

A C	MONTH	YEAR	Quantity
	03	2004	558
	02	2004	2028
	01	2004	2620
	12	2003	2716
	11	2003	2823
	10	2003	3919
	09	2003	3678
	08	2003	3922
	07	2003	3835
	06	2003	3484
	05	2003	3435
	04	2003	2770
	03	2003	1976
	02	2003	2153
	01	2003	2104
	12	2002	1820
	11	2002	2431
	10	2002	2921
	09	2002	2898
	08	2002	3054
	07	2002	3136
	06	2002	2726
	05	2002	2745
	04	2002	2415
	03	2002	1812
	02	2002	1786
	01	2002	2211

12	2001	2051
11	2001	2342
10	2001	2417
09	2001	1922

CUST TYPE	H C	03-2004	02-2004	01-2004	12-2003	11-2003	10-2003
APP	adjuster	0	6	5	11	3	3
DLR	US M	147	580	731	734	816	1060
EKP	M master recalculation		61	36	38	73	74
FAR	M	0	0	0	0	0	0
FOC	control	0	0	0	0	0	0
FOM	union	29	37	95	107	50	111
GDS	M	0	0	0	0	0	0
ICC	Independent	373	1344	1753	1826	1881	2671
FPD	M	0	0	0	0	0	0
SDS	M	0	0	0	0	0	0
SMA	M	0	0	0	0	0	0
Total		558	2028	2620	2716	2823	3919

ENG PART: F3TA 9F924 CA ORIGIN: WERS REGION: N USG STAT:
 Eng Name: SW ASY-SPD CONTR PT: FTU: VL:
 Svc Part: F3TZ- 9F924-B (M) Replaces: M Is Replcd: Y USG IND:

P	In	Out			
C	Vl	Yr	Yr	Feature Descriptions	Feature Descriptions
B	F1	95		F-SERIES DUAL REAR WHEELS	350 SERIES SPEED CONTROL
B	F1	95		F-SERIES 350 SERIES ALL 2 WHEEL DRIVE SPEED CONTROL	ALL DIESEL ENGINES 168" (4278MM) WHEELBASE SINGLE REAR WHEELS
B	F1	95		P-SERIES 250 SERIES SINGLE REAR WHEELS	ALL GAS/GASEOUS ENGINES ALL 2 WHEEL DRIVE SPEED CONTROL
B	F1	95		F-SERIES 350 SERIES SINGLE REAR WHEELS	ALL GAS/GASEOUS ENGINES ALL 2 WHEEL DRIVE SPEED CONTROL
B	E7			F-SERIES OVER 8500 GWW	SPEED CONTROL
H	E3	01		RANGER/MAZDA B2000	LESS ANTI-LOCK BRAKES
H	FC			F650/750 SERIES	ALL GAS/GASEOUS ENGINES-HVY TRUCK
H	FC	01	03	F650/750 SERIES HYDRAULIC-SPLIT BRK SYS	ALL 7.3L NAVISTAR ENGINES
T	E1	93	93	BRUNN	SPEED CONTROL
T	E3	00	01	EXPEDITION	
T	E4	00	01	NAVIGATOR	
T	E2	93	93	ECONOLINE (VM58)	SPEED CONTROL
T	E2	96	96	ECONOLINE (VM58) COMMERCIAL CHASSIS APPLICATION	STRIPPED CHASSIS SPEED CONTROL
T	E2	94	96	ECONOLINE (VM58) SINGLE REAR WHEELS	CUTAWAY SPEED CONTROL
T	E2	94	96	ECONOLINE (VM58) DUAL REAR WHEELS	CUTAWAY SPEED CONTROL
T	E2	96	96	ECONOLINE (VM58) CUTAWAY	350 SERIES SINGLE REAR WHEELS
T	E2	96	96	ECONOLINE (VM58) CUTAWAY	350 SERIES DUAL REAR WHEELS
T	E2	98	98	ECONOLINE (VM58)	SUPER DUTY SERIES
T	E4	00		ECONOLINE LESS SPEED CONTROL	150 SERIES
T	E4	98	00	ECONOLINE SPEED CONTROL	150 SERIES 97-03
T	E4	03		ECONOLINE 2003 JOB #1 PROGRAM CONTROL	150 SERIES LESS SPEED CONTROL
T	E4	98	98	ECONOLINE	250 SERIES
T	E4	99		ALL ENG/EXTENDED VANS/MAGONE ECONOLINE	SPEED CONTROL 350 SERIES
T	E4	98	98	ECONOLINE	350 SERIES

PE84-678 8296

ALL REG/EXTENDED VANS/WAGONS

SPEED CONTROL

T E4 97 98 ECONOLINE

T E4-98-99 ECONOLINE

~~REG/HET VAN/WAGCUTW/CBS CAB~~

T E4-99-99 ECONOLINE

~~REG/HET VAN/WAGCUTW/CBS CAB~~

T F1 93 99 F-SERIES

T F1 94 97 F-SERIES

DUAL REAR WHEELS

T F1 95 97 F-SERIES

SPEED CONTROL

T F1 94 97 F-SERIES

350 SERIES

ALL 2 WHEEL DRIVE

SPEED CONTROL

T F1 94 97 F-SERIES

250 SERIES

SINGLE REAR WHEELS

T F1 94 97 F-SERIES

350 SERIES

SINGLE REAR WHEELS

T F2 97 F-SERIES (MEXICO)

SPEED CONTROL

T F5 F-SERIES UNDER 8500 GVW

SPEED CONTROL

T F5 00 F-SERIES UNDER 8500 GVW

SPEED CONTROL

T F5 00 F-SERIES UNDER 8500 GVW

HARLEY DAVIDSON VERSION PACK

NASCAR PACKAGE

SPEED CONTROL

T F5 F-SERIES UNDER 8500 GVW

HARLEY DAVIDSON VERSION PACK

POWER 4-WHEEL DISC

T E5 02 02 F-SERIES UNDER 8500 GVW

~~HARLEY DAVIDSON VERSION PACK~~~~HONG KONG VERSION PACKAGE~~~~SPEED CONTROL~~

T F5 F-SERIES UNDER 8500 GVW

KLT VERSION #2

T F5 99 F-SERIES UNDER 8500 GVW

T F5 97 F-SERIES UNDER 8500 GVW

SPEED CONTROL

T F5 00 F-SERIES UNDER 8500 GVW

POWER FRT DISC/REAR DRUM

T F5 00 F-SERIES UNDER 8500 GVW

POWER FRT DISC/REAR DRUM

T F5 99 F-SERIES UNDER 8500 GVW

POWER 4-WHEEL DISC

T F5 99 F-SERIES UNDER 8500 GVW

POWER 4-WHEEL DISC

T F5 99 99 F-SERIES UNDER 8500 GVW

~~LESS VERSION PACKAGES~~~~SPORT VERSION PACK~~~~SPEED CONTROL~~

T F5 00 F-SERIES UNDER 8500 GVW

POWER FRT DISC/REAR DRUM

T F5 00 F-SERIES UNDER 8500 GVW

4 SP AUTO TRANS NAAC 4R100 HD

POWER 4-WHEEL DISC

T N1 02 02 LINCOLN MERCURY

T R2 93 94 RANGER/MAZDA B2000

SPEED CONTROL

T R2 93 03 RANGER/MAZDA B2000

~~HEAVY DUTY PAYLOAD SUSPENSION~~~~STD DUTY COIL SPRING SUSP~~

T R2 99 RANGER/MAZDA B2000

STANDARD DUTY SUSPENSION

SPEED CONTROL

T R2 01 03 RANGER/MAZDA B2000

HEAVY DUTY PAYLOAD SUSPENSION

STD DUTY COIL SPRING SUSP

T R2 99 00 RANGER/MAZDA B2000

SINGLE REAR WHEELS

SUPER DUTY SERIES

250 SERIES

LESS SPEED CONTROL

250 SERIES

SPEED CONTROL

SPEED CONTROL

350 SERIES

SPEED CONTROL

SUPER DUTY SERIES

ALL DIESEL ENGINES

169" (4278MM) WHEELBASE

SINGLE REAR WHEELS

ALL GAS/GASEOUS ENGINES

ALL 2 WHEEL DRIVE

SPEED CONTROL

ALL GAS/GASEOUS ENGINES

ALL 2 WHEEL DRIVE

SPEED CONTROL

SUPER DUTY SERIES

POWER FRT DISC/REAR DRUM

POWER 4-WHEEL DISC

LESS VERSION PACKAGES

LARIAT VERSION PACK

POWER 4-WHEEL DISC

LESS VERSION PACKAGES

LARIAT VERSION PACK

SPEED CONTROL

LESS VERSION PACKAGES

LARIAT VERSION PACK

POWER 4-WHEEL DISC

XL VERSION #2

POWER 4-WHEEL DISC

150 SERIES

150 SERIES

150 SERIES

LESS SPEED CONTROL

150 SERIES

SPEED CONTROL

150 SERIES

LESS SPEED CONTROL

150 SERIES

SPEED CONTROL

150 SERIES

LARIAT VERSION PACK

POWER 4-WHEEL DISC

250 SERIES

LESS SPEED CONTROL

MOD 5.4L 2V SOHC SFI V6 GAS

TOTAL PERFORMANCE PACKAGE

4 WHL ANTI-LOCK BRAKES

MAZDA SERIES

2003 JOB #1 PROGRAM CONTROL

STD DUTY TORSION BAR SUSP

ALL GAS/GASEOUS ENGINES

HEAVY DUTY PAYLOAD SUSPENSION

ALL GAS/GASEOUS ENGINES

STD DUTY TORSION BAR SUSP

ALL GAS/GASEOUS ENGINES

PEBA-878 8287

	HEAVY DUTY PAYLOAD SUSPENSION	STD DUTY TORSION BAR SUSP
	STD DUTY COIL SPRING SUSP	SPEED CONTROL
T S1 02 82	EXPLORER SPORT TRAC	
T S1 01	EXPLORER SPORT TRAC	SPEED CONTROL
T U3 88 98	EXPLORER/MOUNTAINEER	2 DOOR WAGON
	ALL LEFT HAND DRIVE	SPEED CONTROL
T U3 98 98	EXPLORER/MOUNTAINEER	5.0L OHV EFI NA V8 GAS*MP
T U3 97	EXPLORER/MOUNTAINEER	5.0L OHV EFI NA V8 GAS*MP
	LESS SPEED CONTROL	
T U3 87 97	EXPLORER/MOUNTAINEER	5.0L OHV EFI NA V8 GAS*MP
	SPEED CONTROL	
T U3 98 01	EXPLORER/MOUNTAINEER	ALL 6 CYLINDER GAS ENGINES
	4 DOOR WAGON	
T U3 98 98	EXPLORER/MOUNTAINEER	ALL 6 CYLINDER GAS ENGINES
	4 DOOR WAGON	ALL LEFT HAND DRIVE
		ALL AUTOMATIC TRANSMISSIONS
T 88 02 82	EXPLORER/MOUNTAINEER	
	2002 JOB #1 PROGRAM CONTROL	
T 88 02 82	EXPLORER/MOUNTAINEER	ALL AUTOMATIC TRANSMISSIONS
	2002 1/2 JOB #1 PROGRAM CONTROL	LESS ANTI-SPIN TRACTION BRAKES
T 87 02 82	EXPLORER SPORT	
T U7 01 03	EXPLORER SPORT	SPEED CONTROL
T 88 01 03	LINCOLN AVANTOR	LESS ANTI-SPIN TRACTION BRAKES
T Y1 93 97	F-STRIPPED CHASSIS (TY1)	RECREATIONAL STRIPPED CHASSIS
T Y3 01 02	F-STRIPPED CHASSIS (P131)	20,500 LB. GVW
	22000 LB. GVW	
T Y3 01	F-STRIPPED CHASSIS (P131)	RECREATIONAL STRIPPED CHASSIS
	20,500 LB. GVW	

SERVICE PART: F3DZ- 9F924-AA SWITCH ASY
ENGINEERING PART: F3DC 9F924 AA ORIGIN: WERS

A	C	MONTH	YEAR	Quantity
		03	2004	0
		02	2004	3
		01	2004	15
		12	2003	12
		11	2003	22
		10	2003	33
		09	2003	18
		08	2003	22
		07	2003	33
		06	2003	20
		05	2003	28
		04	2003	25
		03	2003	18
		02	2003	20
		01	2003	9
		12	2002	20
		11	2002	17
		10	2002	22
		09	2002	43
		08	2002	25
		07	2002	29
		06	2002	28
		05	2002	25
		04	2002	25
		03	2002	27
		02	2002	28
		01	2002	41
		12	2001	20
		11	2001	38
		10	2001	33
		09	2001	24

CUST B

FED4-878 8288

TYPE	C	03-2004	02-2004	01-2004	12-2003	11-2003	10-2003
AFF	0	0	0	0	0	0	0
DLR	0	0	1	3	6	6	15
KXP	0	0	0	0	0	0	0
FAR	0	0	0	0	0	0	0
FOC	0	0	0	0	0	0	0
FCM	0	0	0	0	0	0	0
GDS	0	0	0	0	0	0	0
ICC	0	0	2	12	6	16	18
PPD	0	0	0	0	0	0	0
SDS	0	0	0	0	0	0	0
SMA	0	0	0	0	0	0	0
Total		0	3	15	12	22	33

ENG PART: F3DC 9F924 AA ORIGIN: WERS REGION: N USG STAT:
 Eng Name: SW ASY-SPD CONT DEACT PT: PTO: VL:
 Svc Part: F3DE- 9F924-A (M) Replaces: N Is Replcd: Y USG IMD:

P In Out

t	Vl	Yr	Yr	Feature Descriptions	Feature Descriptions
C	DA	93	95	TAURUS	
C	DA	92	95	TAURUS	SFO 3.2L DONC RFI NA V6 GAS
C	DA	95	95	SABLA	

94DA-9F924-AA - does not cross to a service part.

SERVICE PART: F4JY- 9C837-A SWITCH ASY SPD CTRL
 ENGINEERING PART: 94JA 9F924 AB ORIGIN: PAPD

Prod Obs: 03/23/01
 Obs Not: 03/23/01
 Obs Eff: 03/27/01

Part no longer serviced.

YEAR	Quantity
2004	0
2003	0
2002	0
2001	1
2000	3
1999	5
1998	1
1997	0
1996	0
1995	0

ENG PART: 94JA 9F924 AB ORIGIN: PAPD REGION: N USG STAT:
 Eng Name: SWITCH ASY SPD CTRL PT: PTO: VL:
 Svc Part: F4JY- 9C837-A Replaces: N Is Replcd: N USG IMD:

P In Out

t	Vl	Yr	Yr	Feature Descriptions	Feature Descriptions
4	DA	94	94	CAPRI (IMPORTED FROM AUSTRALIA)	

SMMPCRJA Supplier/Part Cross Reference 03/05/04 15:56:45

SUPPLIER: AKSW TEXAS INSTRUMENTS DE MEXICO PART BASE: 9F924

Shore, John (J.)

Subject: Switch And Jumper - Static Demonstration
Location: Roush 333 (Across from Lions Training Facility)
Start: Fri 10/1/2004 11:00 AM
End: Fri 10/1/2004 12:00 PM
Show Time As: Tentative
Recurrence: (none)
Meeting Status: Not yet responded
Required Attendees: Kopeika, Charles (C.R.); Balint, Gary (G.S.); Shore, John (J.); Porter, Fred (F.J.); Reimers, Steve (S.J.); Ott, David (D.J.); Souchock, Peter (P.D.); Nevi, Ray (R.A.); Wickenheiser, Francis (F.J.); Britton, Eric (E.J.)

- All Lease
Kris -
John -
Joe - Delphi
Tom

7/12/04

Delphi PPAR 7/22

1st shipment from AFL to
HLM Aug 6th

Cheff, Amy (A.B.)

From: Hassana Mounni [HMounni@hlgllc.com]
Sent: Wednesday, June 30, 2004 7:16 AM
To: 'Pearl.Horace@alcoa.com'
Cc: Cheff, Amy (A.B.)
Subject: FW: HOLLINGSWORTH po# 67516

Pearl,
Please keep me posted on status on this part.

Any, this is on the component for our jumper kits.

Thank you,

Regards,

Hassana Mounni
Hollingsworth Logistics Management
Manager - Recall, Sales and Service
(313) 768-1404
(734) 468-0232 efax
hmounni@hlgllc.com

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

From: Judith A. Calka
Sent: Monday, June 28, 2004 4:22 PM
To: Hassana Mounni
Cc: 'pearl.horace@alcoa.com'
Subject: FW: HOLLINGSWORTH po# 67516

hi Hassana, this one is under your initials.
Thank you Judy

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

From: Horace, Pearl L. [mailto:Pearl.Horace@alcoa.com]
Sent: Monday, June 28, 2004 4:20 PM
To: Donna Zuba (E-mail); Holly B. Smith (E-mail); Judy Calka (E-mail);
Linda Keeley (E-mail); Wendi McMaster (E-mail); Yvonne Z. Skibbe
(E-mail)
Cc: Small, Dee L.
Subject: HOLLINGSWORTH po# 67516

Good Afternoon:

I'm not sure if any of you Ladies are behind the purchase order 67516, since I received it from Rick Grimm. I would like for you to be aware that this PO has a component issue that has placed this purchase order out till September 10th. This is still a tentative date. I hope to be able to make some earlier shipments but at this time I don't. I will keep you posted on the ship schedule as it come available.

Thank you for your patience's in this matter.

Pearl Horace
Lt. Vehicle Customer Service
210.208.8753
210.208.8901
pearl.horace@alcoa.com

Cheff, Amy (A.B.)

From: Grimm, Richard A. [Richard.Grimm@alcoa.com]
Sent: Friday, June 18, 2004 2:44 PM
To: Shore, John (J.)
Cc: Cheff, Amy (A.B.); Fuhrwerk, Bob; Finley, Jeff (J.L.)
Subject: RE: Timing for Jumper TI service jumper

John, I'm just the messenger.

This original e-mail had Joe Stehlik copied and I would hope Delphi would explain why the lead time is this bad. As I said in our conference calls You can't do a new connector in less than 16 weeks and if you go back to when this request started it's very close to 18 weeks.

How could anyone think this was going to ship by the end of June.

Regards,

Richard A. Grimm

Sales Account Manager
AFL Automotive Limited Partnership
Phone: (248) 489-4780
Fax (248) 489-4733

—Original Message—

From: Shore, John (J.) [mailto:jshore@ford.com]
Sent: Friday, June 18, 2004 8:02 AM
To: Grimm, Richard A.
Cc: Cheff, Amy (A.B.); Fuhrwerk, Bob; Finley, Jeff (J.L.)
Subject: RE: Timing for Jumper TI service jumper

Richard,

In the 11 weeks is there 5 week delivery time from Austria to your plant?

John Shore

Recall / QSF Parts Program Manager
Ford Customer Service Division
Office 734 266-9789 Page 734 797-5991
E-mail Jshore@Ford.com
2120B NPDC Mail Drop MD-44

—Original Message—

From: Grimm, Richard A. [mailto:Richard.Grimm@alcoa.com]
Sent: Thursday, June 17, 2004 4:52 PM
To: Shore, John (J.); Stehlik, Joe (J.); 'Joseph.stehlik@delphi.com'
Cc: Cheff, Amy (A.B.); Fuhrwerk, Bob; Finley, Jeff (J.L.)
Subject: Timing for Jumper TI service jumper

John, I have some very bad news for the team regarding the Jumper 4WIT-14A411-AA

I have just received the official promo date from Delphi on the new connector 4W1T-14A824-FA. Delphi has given AFL purchasing 11 weeks lead time. Also, the lead time may change due to Germany taking the month of August off.

This would put the first delivery date to HLM around September 8th 04

Please forward this message to the other team members and let me know what you want done.

Regards,

Richard A. Grimm

Sales Account Manager
AFL Automotive Limited Partnership
Phone: (248) 489-4780
Fax: (248) 489-4733

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

From: Cheff, Amy (A.B.) [mailto:acheff@ford.com]
Sent: Thursday, June 10, 2004 10:20 AM
To: richard.grimm@alcoa.com
Subject: Timing for Jumper

Rick - Please let me know the best possible timing that Alcoa will be able to ship jumpers to Hallingsworth for the new Brake Pressure Switch kits. Thanks!

Amy Cheff

QSF/Recall Specialist, FCSD Parts Supply and Logistics
Phone: (734) 266-9911 FAX: (734) 523-5628
E-Mail: acheff@ford.com

"Everyone is looking for miracles.....Stop looking and be the miracle."

Shore, John (J.)

Subject: Updated: 93-97 CV/GM/TC Speed Control Switch
Location: Teleconference

Start: Mon 7/12/2004 2:30 PM
End: Mon 7/12/2004 3:00 PM

Recurrence: Weekly
Recurrence Pattern: every Monday from 2:30 PM to 3:00 PM

Meeting Status: Accepted

Required Attendees: McCloskey, Lori (L.A.); Christensen, Kris (K.S.); Turner, Donald (D.A.); Shore, John (J.); Leese, Alvin (A.); Blackburn, Thomas (T.J.); Metz, Gary (G.D.); Reimers, Steve (S.J.); Mince, Robert (R.W.); Vegh, Paul (P.P.); Larimore, Jonathan (J.P.); Cheff, Amy (A.B.); Sesi, Steve (S.S.); Turner, Donald (D.A.); Goebel, Ken (K.M.); Stehlik, Joe (J.)

Optional Attendees: Finley, Jeff (J.L.)

Please forward as appropriate.

Teleconference

Fordnet 36737
International 313.323.6737
Toll Free 800.367.3840
Participant 91545770

Shore, John (J.)

Subject: Review Service Part
Location: teleconference

Start: Mon 8/30/2004 3:30 PM
End: Mon 8/30/2004 4:30 PM

Recurrence: (none)

Meeting Status: Accepted

Required Attendees: McCloskey, Lori (L.A.); Christensen, Kris (K.S.);
Leese, Alvin (A.); Goebel, Ken (K.M.); Shore, John
(J.); Kizyma, Dave (D.E.); Souchock, Peter (P.D.);
Reimers, Steve (S.J.); Porter, Fred (F.J.); Mince,
Robert (R.W.); Kiessel, Robert (R.A.); Kopeika, Charles
(C.R.); Nevi, Ray (R.A.)

Hystat Switch for Service via Jumper - service robustness

Teleconference

Fordnet 36737
International 313.323.6737
Toll Free 800.367.3840
Participant 91545770

JK S

Kris C

Dave

Al L

- Charlie K.

Steve A.

Bob ~~Kessel~~

Tom Baucum

Call Supplier
Rate
800-324-3860

HP
7/17

- 2 different types of services -
HP-

DRAFT

REDUNTANT SPEED CONTROL DEACTIVATION SWITCH

DRAFT

TI Part Number	Actuation	Release	Thread	S or Q	TI Mating Conn	Hi-Stat Replacement	Hi-Stat Mating Connector	Vehicle	Monthly Switch Orders
F3TA-9F924-CA	200- 300	40 MIN	3/8-24M	Snap	F4SB-14A464-AA	3L3T-9F924-AB	F5AB-14A464-AB	Bronco(?), F-Series, Ranger, Explorer (4 DR, Sport(?), Sport Trac(?)), Navigator, Expedition, Econoline, Club Wagon(?)	1812-3922
F58A-9F924-AA	90- 180	20 MIN	3/8-24M	Quiet	F4SB-14A464-AA	3F2T-9F924-AB	F5AB-14A464-AB	Windstar	762-2942
F6LC-9F924-AA	200- 300	40 MIN	3/8-24M	Snap	F4SB-14A464-AA	3L3T-9F924-AB	F5AB-14A464-AB	Econoline(?), Club Wagon	0-6
F2AC-9F924-AA	90-200	20 MIN	3/8-24M	Quiet	F2AB-14A464-ADA	3F2T-9F924-AB	F5AB-14A464-AB	Crown Vic/Grand Marquis, Mark, Town Car	120-330
F2VC-9F924-AB	90-180	20 MIN	3/8-24M	Snap	F2AB-14A464-ADA	3F2T-9F924-AB	F5AB-14A464-AB	Crown Vic/Grand Marquis, Mark, Town Car	109-275
F3DC-9F924-AA	90-180	20 MIN	3/8-24M	Quiet	F2AB-14A464-ADA	3F2T-9F924-AB	F5AB-14A464-AB	Taurus SHO	3-43
B4JA-9F924-AB	90-180	20 MIN	3/8-24M	Quiet	NA	NA	NA	Capri	0-6
S4DA-9F924-AA	90-180	20 MIN	M10x1.0M	Quiet	NA	NA	NA	Falcon	?

Notes:

Mate to F4SB-14A464-AA is 95GG-14A624-HBA

Mate to F2AB-14A464-ADA is ????-14A624-??

Pigtails for Hi-Stat switch is 3U2J-14B-475-JZB (engineering P/N) or 3U2Z-14S411-JZA (service P/N) 14GA tin plated terminals

Jumper for F3TA, F58A, and F6LC would contain F5AB-14A464-AB and 95GG-14A624-HBA

Hi-Stat switches are Snap type design. No equivalent Quiet design exists.

LP 45
HP 35

hard shell
Terminals
Grommets

266 8891

Tom

Shore, John (J.)

From: Hassania Moumni [HMoumni@hlgllc.com]
Sent: Wednesday, August 18, 2004 11:44 AM
To: Shore, John (J.); Cheff, Amy (A.B.)
Subject: Update on two kits

I am in the process of establishing bills of material and PPAPing the below mentioned two kits. We have received the first 5000 pcs from AFL, and I plan on beginning production Fri and starting shipment by Mon. 8/23.

Amy, please let me know what quantities of each kit you would like to see built with this 5000 pcs of the jumper.

XW7Z9G852BA
1L1Z9G852AA

Thanks,
Hassana

ENGINEERING PART: 3U2J 14B475 J2B ORIGIN: WERS REGION: N
 Assembly Ref: N Kit:

A NEXT DETAIL C Part Name	ENGINEERING PART/ ORIGN FUNCTION/ Qty	Src/ UoM	Rf Kit	Svc Rsn	Eff Eff	In Point/ Out Point
ESB M99D56 A2	WERS NUU0180100000	0	N	HA		S4P96A
2" TUB, POL, HEAT SHRKBL, DL WL	2.00	EA	N			
F5AB 14A464 AB	WERS NUU0180100000	0	N	RL		S4P96A
SLV ASY-WIR CONN MLE	1.00	EA	N			
F75B 14474 EA	WERS NUU0180100000	0	N	NA		S4P96A
TRMNL WIR SNAP ON FMLE	2.00	EA	N			
F75B 14603 CA	WERS NUU0180100000	0	N	NA		S4P96A
SPEC GROMM WRNG	2.00	EA	N			
SK3U2J 14B475 AA	WERS NUU0180100000	0	N	NA		S4P96A
KIT WIR ASY	1.00	EA	N			

SK3U2J 14B475 AA
New #
Approx 2-3 pages 8 1/2 x 11.

F1=Help F2=SPFA F3=PrevPart F5=NextPart F6=VBFA F9=NAFA F10=CXFA
 F11=PFPA F13=UBFA F15=RPFA F21=EXEA F22=APFA F23=RCEA
 NO MORE RECORDS AVAILABLE LPSDMA7

Patty B. 248 327 3860

Add tube 150mm.

*Tie Straps- 95874-3100 or S101
 GTK=2*

Switch Sales for T.I - 60,000

Potential initial for field action 20-25K then sales will drive additional orders.

248

324 3888



Bob Miller Barusk.
Sam-

Hi-Stat

- Pollock -

Patty Barwell
Local REP

86710 Jim Tyson-

Shore, John (J.)

Subject: 93-97 CV/GM/TC Speed Control Switch
 Location: Teleconference

Start: Thu 4/15/2004 12:30 PM
 End: Thu 4/15/2004 1:00 PM

Recurrence: Weekly
 Recurrence Pattern: every Thursday from 12:30 PM to 1:00 PM

Meeting Status: Accepted

Required Attendees: McCloskey, Lori (L.A.); Christensen, Kris (K.S.);
 Shore, John (J.); Leese, Alvin (A.); Blackburn, Thomas
 (T.J.); Matz, Gary (G.D.); Reimers, Steve (S.J.);
 Hince, Robert (R.W.)

Status discussion

Tom Blackburn
 Joe Stelick

Teleconference

Fordnet 36737
 International 313.323.6737
 Toll Free 800.387.3840
 Participant 81545770

Paul Vigh 19A959 connector base #
 Steve Reimers

- Need jumper P/OV
 - kit # "

4W1T 14A

3F2T 9

Steve S.

Tom.

connector w/o key feature -

* 200 Low press kit - 3F2T 9F927 AC
 * 300 High press kit - 323T 9F927 AB

XLV73-

XLV73-

Low press kit

High press kit

Shore, John (J.)

Subject: Delphi Connector
 Location: NPD 2125E

Start: Wed 4/28/2004 7:30 AM
 End: Wed 4/28/2004 8:00 AM
 Show Time As: Tentative

Recurrence: (none)

Meeting Status: Not yet responded

Required Attendees: Mimikos, Marcy (M.A.); Shore, John (J.); Kaercher, Don (D.F.); Mimikos, Marcy (M.A.); Ferrise, Sam (S.J.); NPDC Conf Rm 2125E (6)

Thought I would set up a conference room for those of us in the office. Otherwise you can call in.

The call-in numbers are:

1-888-816-1052
Code: 24-88-13-22-07

VW
Opel
Saub

- Joe S. Delphi
- Pete Nash Delphi
- Vince
- Joe Jauden - buyer for Austria } Power & Signal
- Pedro - Delphi
- Marcy / Don / Todd
- ~~Frank~~ Lent Los Angeles - Power Signal Account Mgr.
- Germany

Level II
vs
Level I or III

- Pressur vacuum
- full engine
- fast engine
- canoe insertion
- 3" disengagement
- Terminal inspection
- " "

4/27/04

Joe

Pedro Cell 248 212-3501

Richard

Kurt Roor Delphi

Plant Large - PSB Germany contact

Vince

Complete Tests on new p/n required

8 weeks tool plus 4 week PPAP
- new cavity insert required.

10737817 Delphi

4WIT-14 [REDACTED] New P/N Ford- connector w/o tabs.

Modified PPAP - PSW

Shore, John (J.)

From: Grimm, Richard A. [Richard.Grimm@alcoa.com]
Sent: Wednesday, March 31, 2004 2:41 PM
To: Shore, John (J.)
Subject: FW: Desc switch jumper

John, the e-mail below is the concern I told you about. AFL would need to order this part but if they are changing it what would we order. If you could please check on this in your meeting.
 Regards,

Richard A. Grimm

Sales Account Manager
 AFL Automotive Limited Partnership
 Phone: (313) 436-8715
 Fax: (313) 441-5495

—Original Message—

From: Fuhrwerk, Bob
Sent: Tuesday, March 30, 2004 6:24 PM
To: Grimm, Richard A.
Cc: Tasso, Giancarlo; Waling, James E.
Subject: RE: Desc switch jumper

Rick,

I spoke with Joe Stehlik (Delphi - connector group @ build #5) this afternoon to discuss the capacity issue for the Delphi - 95GG-14A624-HBA connector and this is what I got out of our conversation.

Joe said that he has put in a request for capacity verification for 1.2 million pcs to have the top key way on the connector moved over 3.7mm. We may need to discuss this one with Gary Metz (Ford - connector D&R supervisor) to find out why they are requesting capacity for a key-way change on this connector because I don't understand this one myself.

Joe had also submitted a second capacity request for a volume of 7,000 a month for a total run of 84,000.

Both of these requests were sent out last Thursday (3/25) and he hopes to have reply's sometime by the end of this week.

Let me know if you have any other questions or comments.

Bob

AFL Automotive Operations
 Bob Fuhrwerk
 Design Engineer
 2004.5/2005 U222/U228 Expedition/Navigator
 (313)436-8808
 (313)999-7086 (mobile)

3/31/2004

FEB4-876 1224

S.C. Pressure Jumper
Concern C11629888

Jeff Wood - push & approval

Connector - new tool required

Call Tom Blackburn -

500/500

~~Switch~~ Switch 3L3E-9F924-AB
3L3T 9F924-AB

Jumper 3U2Z-1F5411-JZA

MICHELLE SANTO X1430
EDD

SUPLR LOC: F903A HI-STAT MANUFACTURING COMPANY Parent Code: F903
 Supplier: F903 HI-STAT MANUFACTURING COMPANY DDL Ind: L
 Contact: JEAN SEASON DDL Eff Date: 09/01/97
 Phone: 419-884-4105 Ext: Fax Phone: 419-884-4190
 Street: [REDACTED] SDS Ind: N
 City: LEXINGTON SDS Eff Date:
 County: STARK SAAM Ind: Y
 State: OH Zip: [REDACTED] Country: US

Whse loc: Manufacture Loc: F903A Rise Loc: F903A Purch Loc:

Performance Rmk:

JEAN.SEASON@HST.STONERIDGE.COM

BARB ETZWILER - 4104 - CUSTOMER SERVICE LEAD - BARB.ETZWILER@HST.STONERIDGE.COM

BARB 419-884-4104 JEAN EMAIL: JEAN.SEASON@HST.STONERIDGE.COM

PATTI BANWELL - SALES CONTACT - 248-324-3860 - PATTI.BANWELL@DET.STONERIDGE.COM

F1=Help F2=Supl/AnlAssgnmt F4=SPSA

RECORD FOUND

LPSDMA7

* BARB ETZWILER 419-884-4104

min. 60-70k 12 month

Brown Nazou

Max 1.2M.

6 wk lead time

30k week prod.

~~218~~ 324 3880

where made

33-78703

shifts

==>

SERVICE PART: F5AZ- 14489-AB SLEEVE - WIRING
 ANALYST ROLE: NPA TYPE: GR
 Suplr Remarks: N

A	Ret	Pub					Update	
C	Rmk	Rmk	Remarks				Date	
-	-	-	-----					
Y	Y		CAN CUT, SLICE & SOLDER FROM FBVZ 9F759-AA/SZABO				07/16/99	
Y	Y		DRL 2 CAV CONNECTOR/SUPER DUTY				12/20/00	
Y	Y		M1 CONNECTOR TO 9F945				12/17/02	
Y	Y		3U2J-14B475-JUA - GOLD PLATED TERMINALS	18G			05/19/03	
Y	Y		3U2J-14B475-JZA - TIN PLATED TERMINALS	14G			05/19/03	

F1=Help F2-SVEA F4-SXEA F5-RESA F6-DKEA F9=PrevType F10=NextType
 NO MORE RECORDS AVAILABLE LPPAN25

Sense pigtail - Gold plated?

Tom plated?

Speed control deactivation switch.

Brake - pressure switch that screws into Master cylinder

Hy-stat switch -
TI switch -

3252-9F924 AB

Ken Goebel

7F924

Tom Blackburn

Speed. Pres. Switch

F372-9-924 CD

20320

Electric

9F924

Brake Pres. Switch 015:

12A581

PE04-078

FORD

1/28/2005

ATTACHMENT L7

BOOK 11 OF 12

1996MY-2004MY - F150, Expedition, Navigator

Collect Switches from Mini-Clinic.....	10/22/2004	Actual
RPS to Initiate Analysis.....		
RPS Signed Off.....	12/3/2004	Actual
Exponent Analysis.....		
Develop Workplan Based on Analysis Results.....		
Develop Boundary Diagram.....	12/6/2004	Planned
Develop P-Diagram.....	12/7/2004	Planned
Meet with Adjacent Component Engineers.....		
Collect Design Information from Adjacent Components.....		
Collect Underhood Temperature Data.....		
Collect Wire Harness Design Data.....		
Collect Master Cylinder Design Data.....		
Cut Data by Assembly Plant.....		
ASO Kick-Off Meeting.....		
Develop Is-Is Not Table.....		
Review DFMEA.....		
Identify Additional Work Tasks.....		

12/07/04



NEXT STEPS

1) Design Review.

- a. Review 2000MY.
- b. Review of 96-04MY required for inquiry.
- c. Circuit analysis. (Fred Porter/Marge Kollar) Required for Inquiry.
- d. Heat Management. *Steve follow-up*
- e. Get '99 & '00 vehicles for testing.

2) Analyze field returns.

- a. Status of purchase order (Steve Reimers) Approved 12/3. *Call Brenda*
- b. Review workplan
- c. Test 80 switches obtained in mini-clinic
- d. Obtain field return switches from dealers, 20 for 2000MY and 20 from 1998-1999MY (Steve Reimers/Dean McClenaghan). Consider obtaining switches from 97MY +/- and 00MY +/- F150. Also consider 97MY and 00MY other vehicles.
- e. Test all field returns. Look for manufacturing defect.

3) Obtain further resources. (Rob Mince)

4) Data Review

- a. Design Analysis summary of open and closed cases involving Speed Control Deac Switch Allegations. Nov. 24. (Eric Britton/Alan Robinson) SUMMARY RECEIVED 11/29.
- b. Details requested from OGC for 72 legal cases involving Expedition/Navigator. Dec. 15. (Eric Britton/Donna Crawley)
- c. Add fresh VOQ data to the existing charts. (Eric Britton)
- d. Complete the review customer complaints, warranty data for Expedition/Navigator ([REDACTED])
- e. Review related EAA reports not in CQIS, requested from Consumer's Affairs. (Marge Kollar)
- f. Check service history and option content on suspect vehicles. (Eric Britton) STATUS - Service history of 20 vehicles showed no trends.
- g. Option content (Eric Britton) Vehicle option codes for 100 vehicles with A1/2/3 allegations showed no trends. Need to convert into presentable format.

5) 'Is/Is Not' diagram (Fred Porter)

Structure Fleet review

9-29-04

Rob Kiesel

Rob Mince

DAVID OTT

ASO

76645

ALAN BUCHANAN

PHS ELECTRICAL

08403

Steve Reimers

RESZ Chassis Elect

03286

Eric Britton

ASO

32-32966

FRED PORTER

EESE

84-53722

TOM BELMANTER

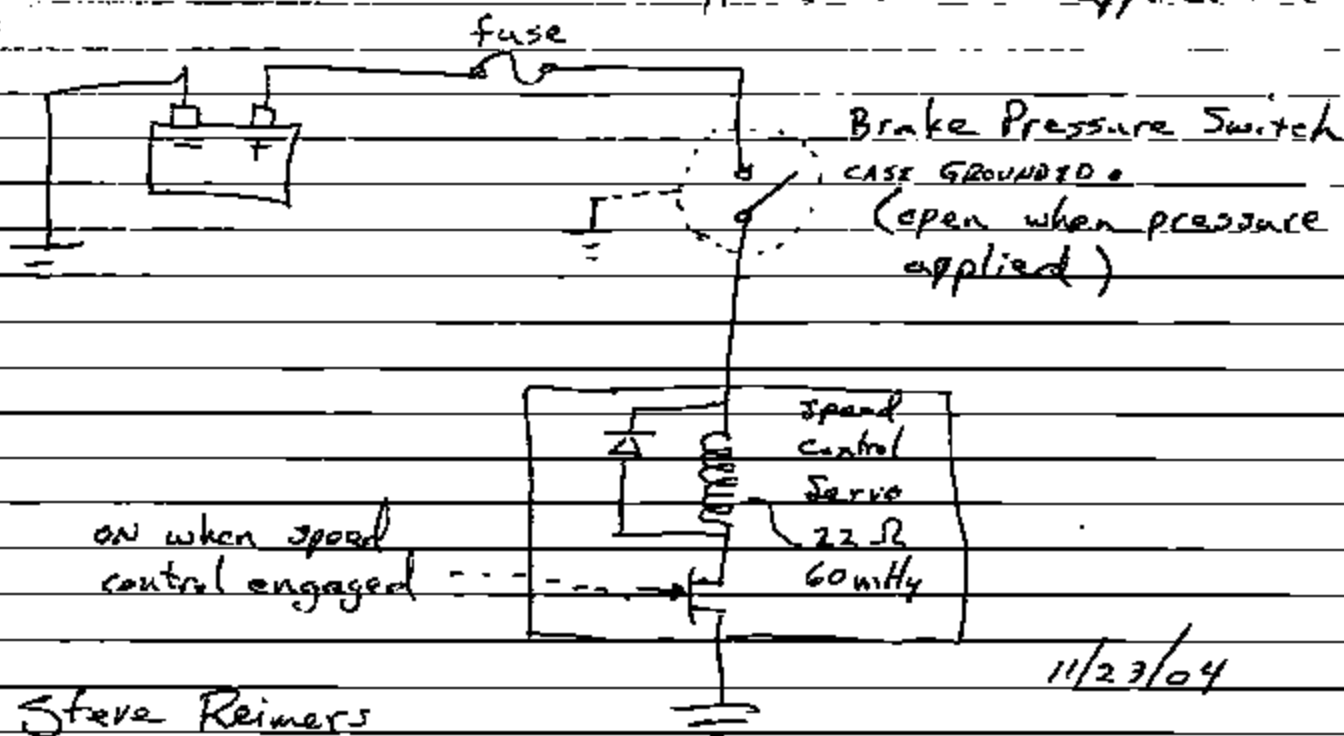
EESE -SW

84-55710

GREG OSWALT PTC - COM

39-01160

Typical switch application



11/23/04

Steve Reimers
313-390-3286

to S. Malladi

11/23/04

Contents:

- 1. Brake pressure switch, part number F3TA-9F924-CA, date code 0056 from MY2000 F150 truck with 65967 miles. Switch has no evidence of damage.
- 2. Brake pressure switch, part number F3TA-9F924-CA, date code 9207A from F150 truck (build date 9/1999) with 71003 miles. Switch has evidence of thermal damage. Includes connector with damage.
- 3. Brake pressure switch, part number F3TA-9F924-CA, date code 4065 from service parts stock. Switch is unused.
- 4. Cross-section diagram of switch. — emailed color photo
- 5. Electrical schematic sketch of typical vehicle circuit.

Product/Company FORD		Preprint Form No.	Payment Check or bill to bill unless marked otherwise	Origin	Waybill Number 10979511045				
City DEARBORN		State MI	Receiver <input type="checkbox"/> Self Party	Account No. (Required if Self Party)	Service Type The fee must be prepaid. Service may vary by destination. See www.dhl.com				
Street Address REIMERS / T403		ZIP CODE (Required) [REDACTED]	<input type="checkbox"/> Paid in Advance	Class [REDACTED]					
TO (Company) PLEASE PRINT NEATLY EXPONENT		City MENLO PARK	Shipping Reference (will appear on invoice)						
Street Address 149 COMMONWEALTH DR		State CA	Special Instructions <input type="checkbox"/> Saturday Delivery <input type="checkbox"/> Paid in DHL <input type="checkbox"/> Lab Pack Service <input type="checkbox"/>						
City MENLO PARK		State CA	Shipment Valuation Insured Value <input type="checkbox"/> \$ 00		<table border="1"> <tr><td>10:30</td></tr> <tr><td>12:00</td></tr> <tr><td>3:00</td></tr> <tr><td>5:00</td></tr> </table>	10:30	12:00	3:00	5:00
10:30									
12:00									
3:00									
5:00									
Attention: (Name/Dept) S. MALLADI		ZIP CODE (Required) 94025	Payment Details (Credit Card)						
Description BRAKE PRESSURE SWITCH		Phone (Required) (650) 6887272	No. _____ Type _____ Expire _____ Auth. _____						
Sender's Signature S. Malladi		Date 11/23/04	DHL Signature _____ Date _____						

SENDER'S COPY

TERRIE WAGNER 713 867-4661
HOUSTON, TEXAS
2000 F150
REMOVED 1/20/04
CUSTOMER: [REDACTED]

RD

Vehicle/Customer Information

Model Year: [REDACTED] Make: F150 VIN: F15W Mileage: 71003

Build Date: 9/99 Present Vehicle Location: Who owns vehicle now:

Customer Name: Phone: Is it ok for engineering to contact customer:

(yes)

Incident Information

Where did the fire originate? (engine compartment, hood, suspect location, or suspect component(s))

At base of switch

What was the vehicle circumstance when the fire was noticed? Was the vehicle running, parked, engine on/off...? If off, how long?

Driving to dealership Switch blowing out of hood

Did the customer notice anything unusual prior to the fire? (specifically... difficulty getting the vehicle out of park, speed control not working, brake warning lamp illuminated, stop lamp inoperative)

Cost stated the dash lights went out - ck was working

Do any underhood relays show evidence of overload?

yes - Switch

Were the underhood fuse links blown?

NO

Were there any fuses that were blown or show evidence of other damage?

Did not repair any - Tech says NO

Is the correct fuse for the stop lamp switch in the fuse box?

Fuse box looks ok - but fuses ok

Was there any damage to any wiring in the area where the fire was suspected to start?

NO - only Switch

Was there any evidence of aftermarket component installation? (specifically car alarm, remote start)

NO

Was the vehicle involved in a natural disaster/accident that required significant vehicle clean up? If so, where was the clean up performed?

NO

What was the vehicle history?

Rep Co

Parts that we would like from vehicle if possible to acquire
Brake pressure switch (preferably with wire pigtail/connector attached)

Sample of brake fluid (in sealed glass container)

Other suspect parts

5.4L TRITON

1FTRX17L5YK [REDACTED]

Oil (check for brake fluid)
the brake oil
in the switch
Resistor
(CR 1AT)

Look at
under
No
Turn
No
Stop
Lights

Sent to MALLADI
Exponent
11-23-04

HEB-078 0205

HOUSTON, TEXAS
2001 F150
REPAID 10/20/04
CUSTOMER [Redacted]
HOUSTON, TEXAS [Redacted]

Vehicle/Customer Information

Model Year: [Redacted] Make: F150 VIN: F150 Mile [Redacted]
Build Date: 09/99 Present Vehicle Location: Who owns vehicle
Customer Name: Phone: Is it ok for engineering to

Incident Information

Where did the fire originate? (engine compartment quadrant, suspect location, or suspect comp)
At Base of switch

Look at why
No turn signals
No stop lights

What was the vehicle circumstance when the fire was noticed? Was the vehicle running, park
If off, how long? Driving to dealership switch burning

Did the customer notice anything unusual prior to the fire? (specifically... difficulty getting the
speed control not working, brake warning lamp illuminated, stop lamp inoperative)

Cost stated the dash lights were out - OK
Do any underhood relays show evidence of overload?

yes - see table

Were the underhood fuse links blown?

NO

Were there any fuses that were blown or show evidence of other damage?

Did not repair my - Tech said NO

Is the correct fuse for the stop lamp switch in the fuse box?

Fuse box OK - but fuses OK

Was there any damage to any wiring in the area where the fire was suspected to start?

NO - only switch

Was there any evidence of aftermarket component installation? (specifically car alarm, remote s

NO

Was the vehicle involved in a natural disaster/accident that required significant vehicle clean up
the clean up performed?

NO

What was the vehicle history?

2001 F150

Parts that we would like from vehicle if possible to acquire
Brake pressure switch (preferably with wire signal/connector attached)

Sample of brake fluid (in sealed glass container)

Other suspect parts

5.4L TRITON

Sent to MALLADI
Exponent
11-23-04

IFTRX17L5Y

Handwritten notes and signature in a cloud-like shape.

1204-878 0207

111111

