

**EA04-023**

**FORD**

**5/12/2005**

**BOOK 1 OF 2**

**PART 1 OF 4**

---

**From:** Ryterski, Kathleen [Kathleen.Ryterski@brose.net]  
**Sent:** Monday, August 30, 2004 3:45 PM  
**To:** Urry, Anthony (A.R.); Ford, Randy (R.); Lovasz, Ron (R.); Herline, Thomas (T.M.); Howells, Thomas (T.W.)  
**Cc:** Stiriac, Leslie; Barbareta, Jim; Conley, Christopher; Lichon, Richard; Rundell, David; Robinson, Jon  
**Subject:** Focus Side Door Latch



Focus Side Door  
Lr1ch3.ppt (65...

Attached is a presentation of the side door latch. The first half is what we have seen through our analysis, and the second part is AWS data. Please note that the AWS data is pulled for 2002-present model years. I'm still pulling together info for the decklid/tailgate.

Best Regards  
Warranty Engineer

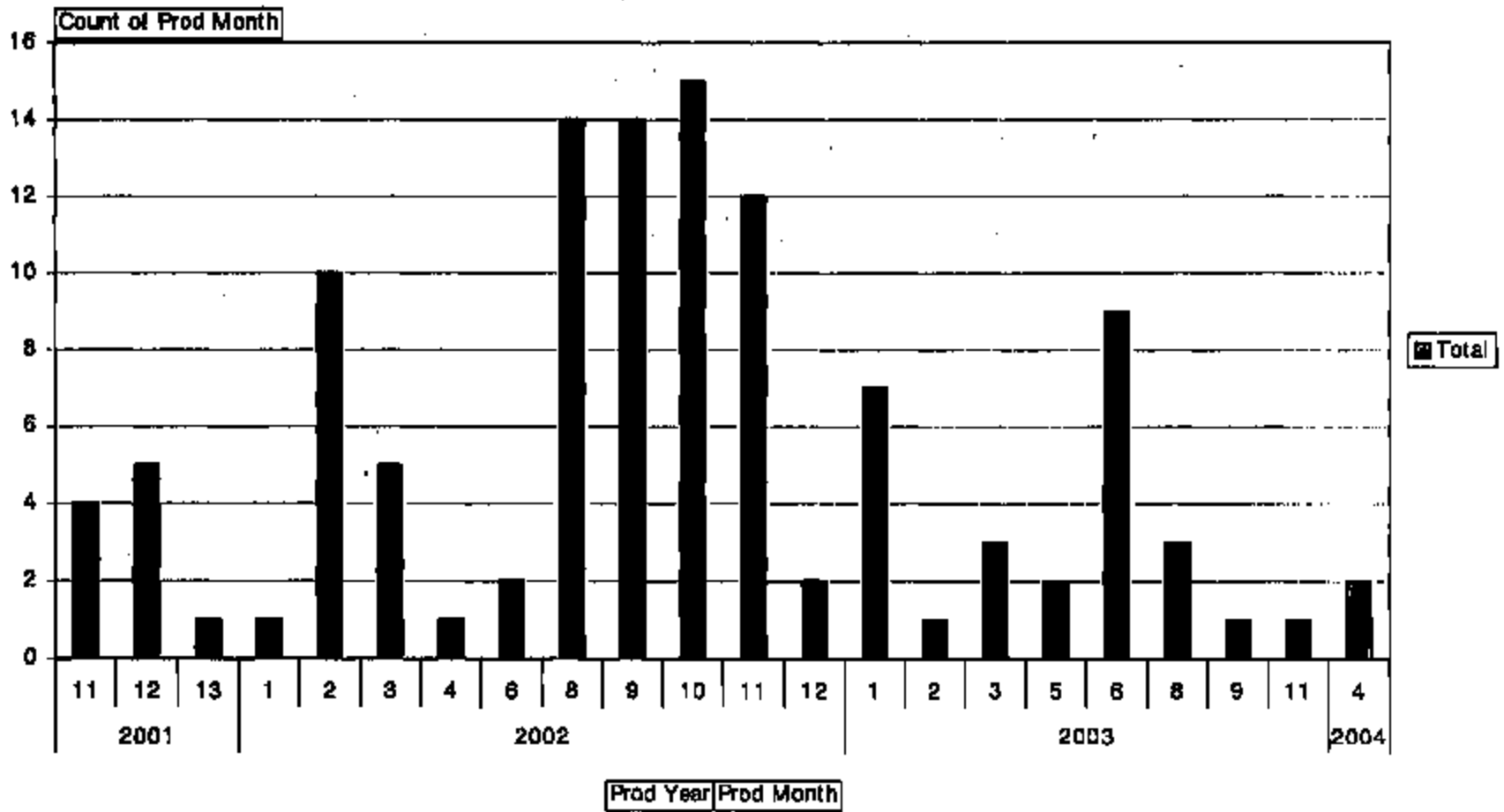
Kathleen Ryterski

Phone: +1 248 375 4133  
Fax: +1 248 340 1104  
Mobile: +1 248 310 1149  
mailto:Kathleen.Ryterski@brose.net

# **Focus Side Door Latch**

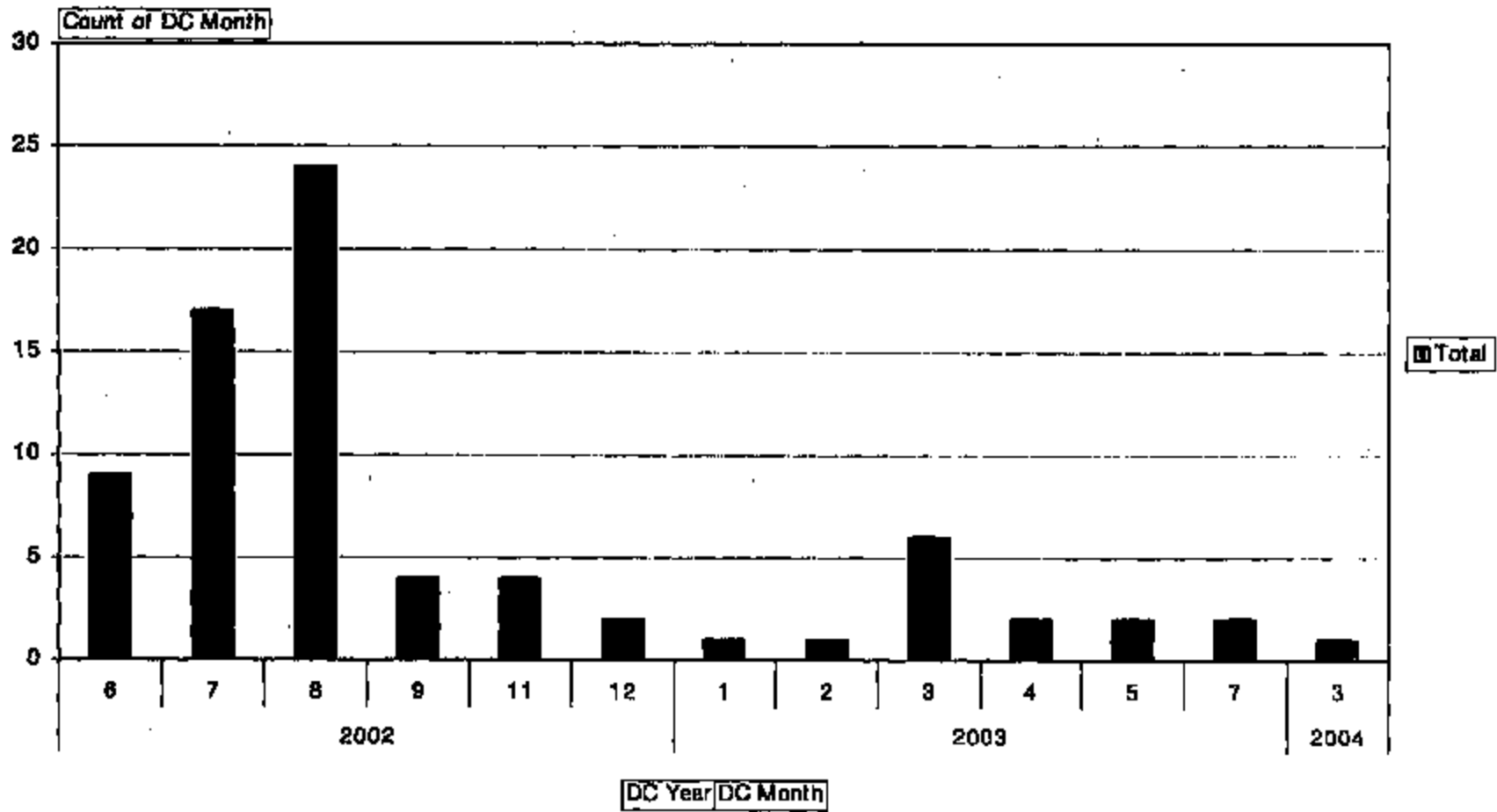
## **Warranty Analysis from Warranty Returns**

**Focus Side Door Latch  
by Vehicle Production Date**



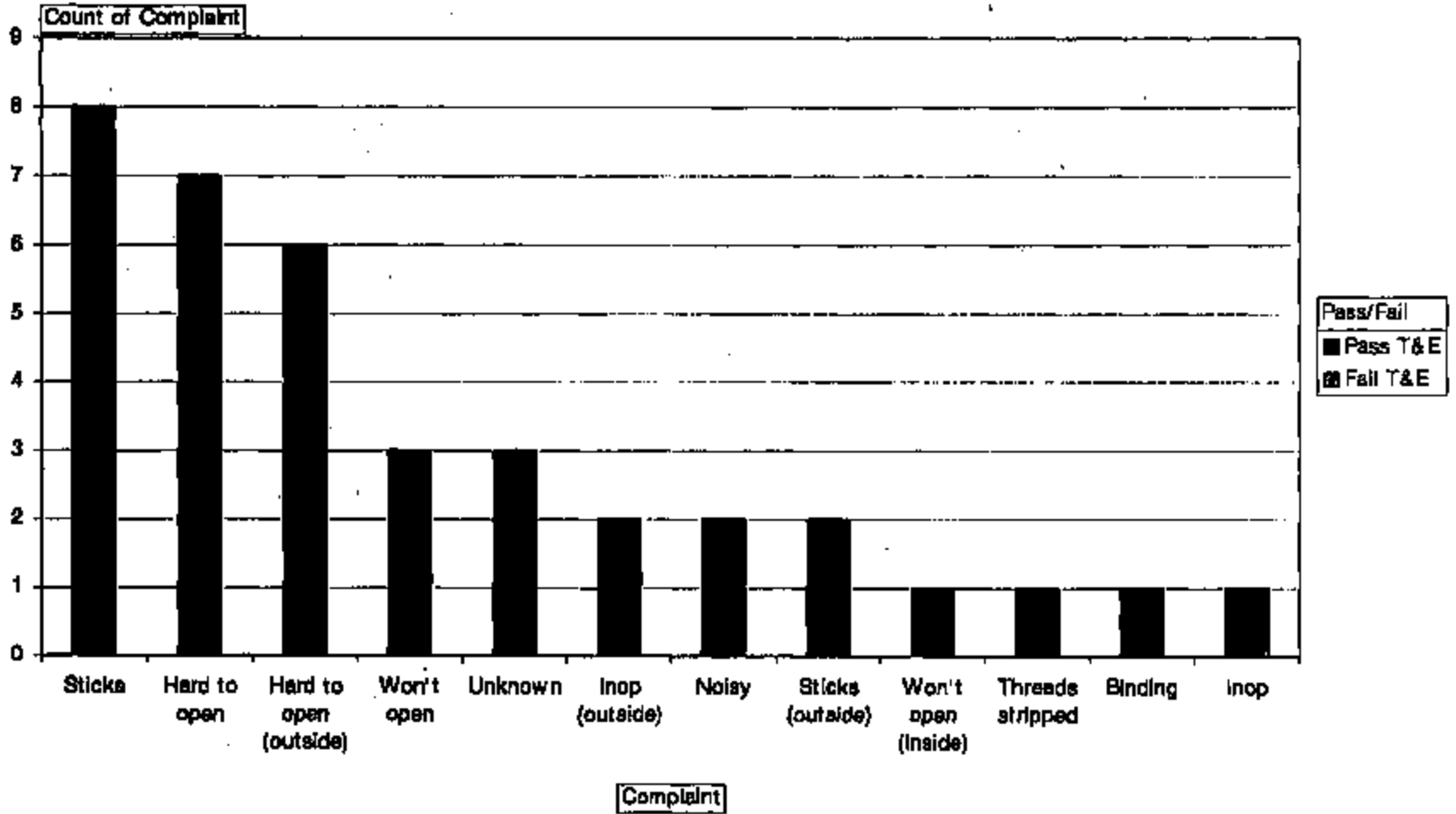
5004-623 5317

**Focus Side Door Latch  
by Part Date Code**



EM04-023 5318

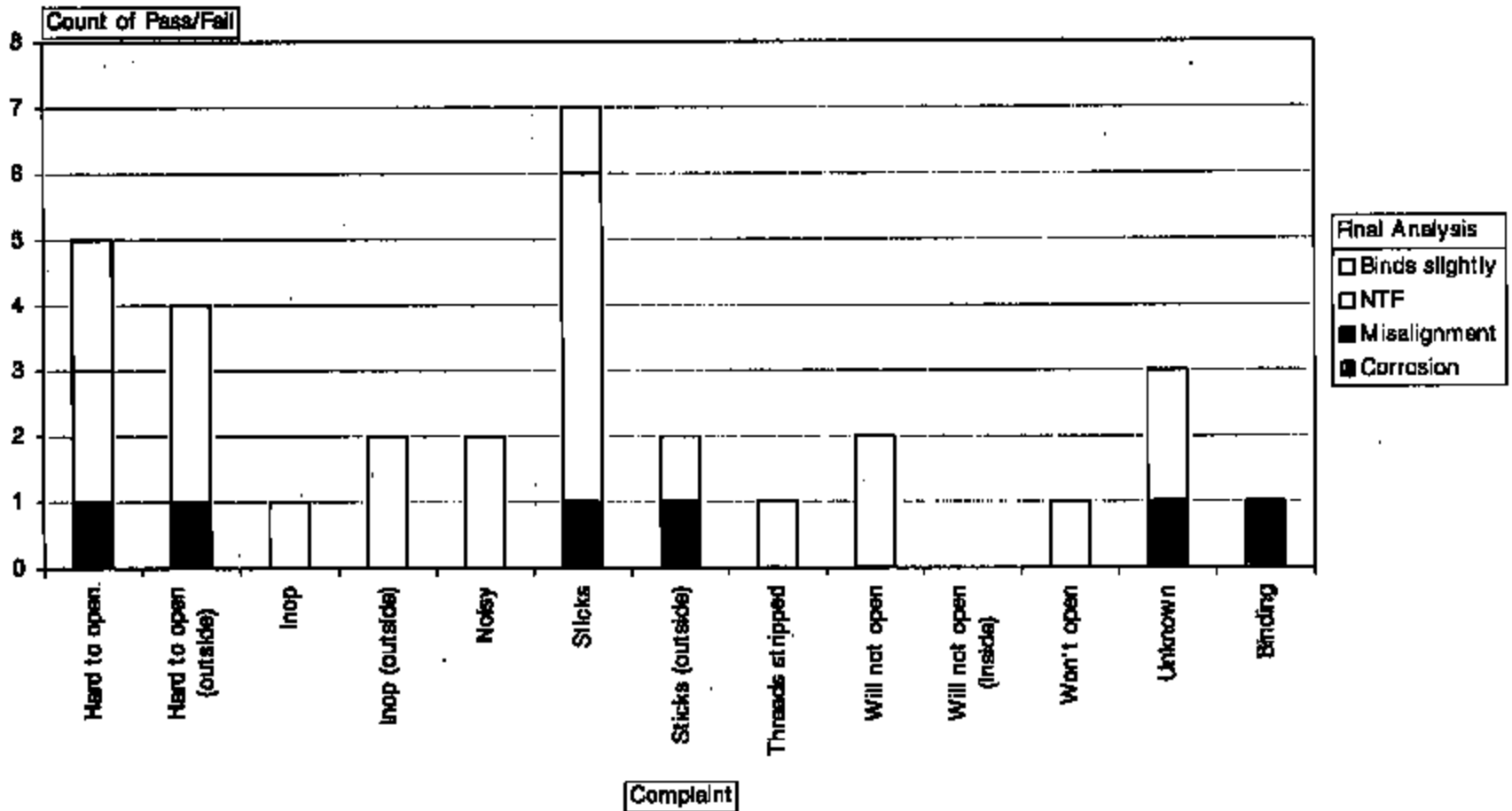
### Focus Side Door Latch by Customer Complaint



ENG-023 5319

Pass/Fail (All)

### Focus Side Door Latch Analysis from Returns Complaints of failed T&E parts



# **Focus Side Door Latch**

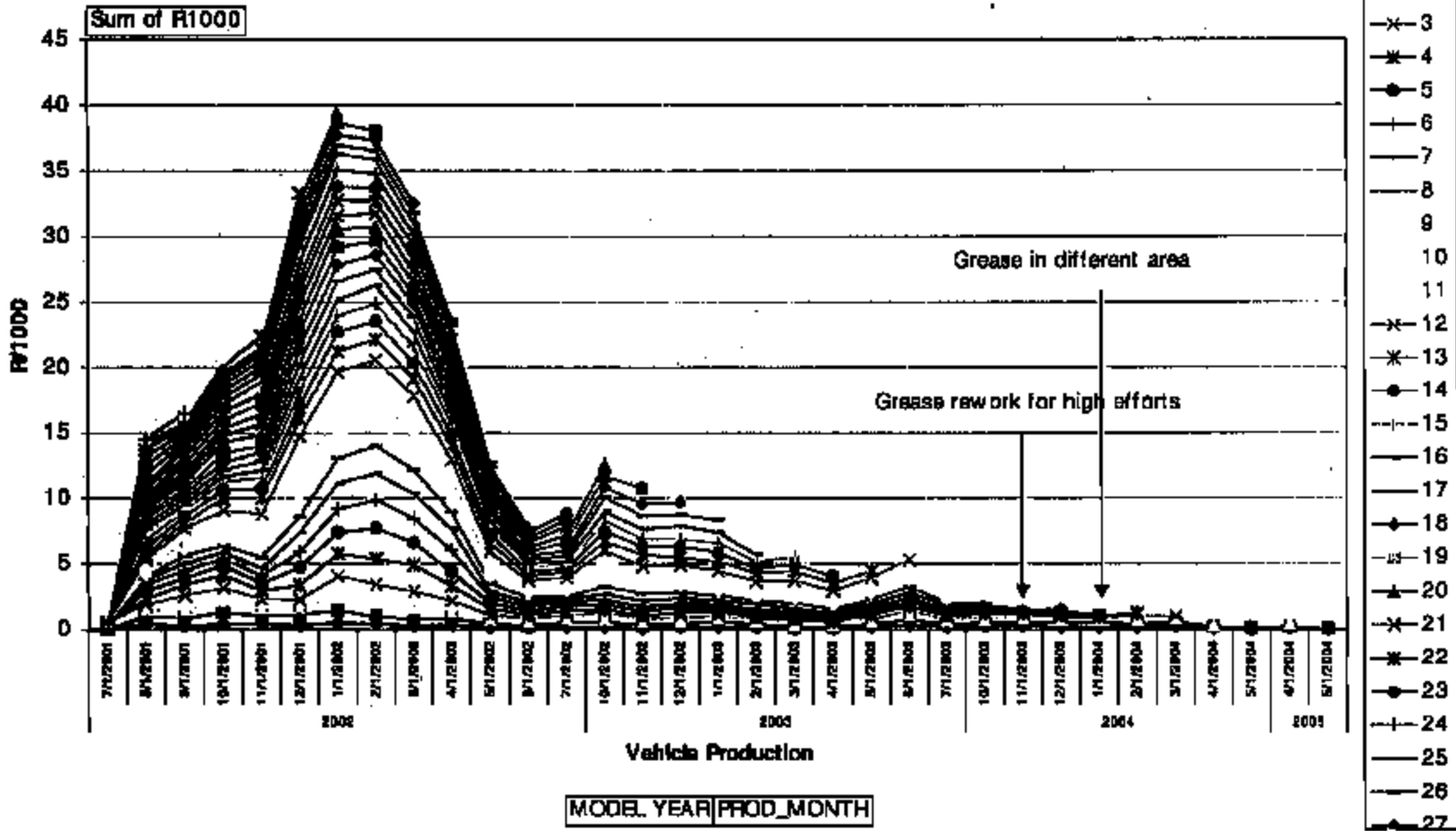
## **Warranty Data from AWS**

### **2002-2005 Model Year**

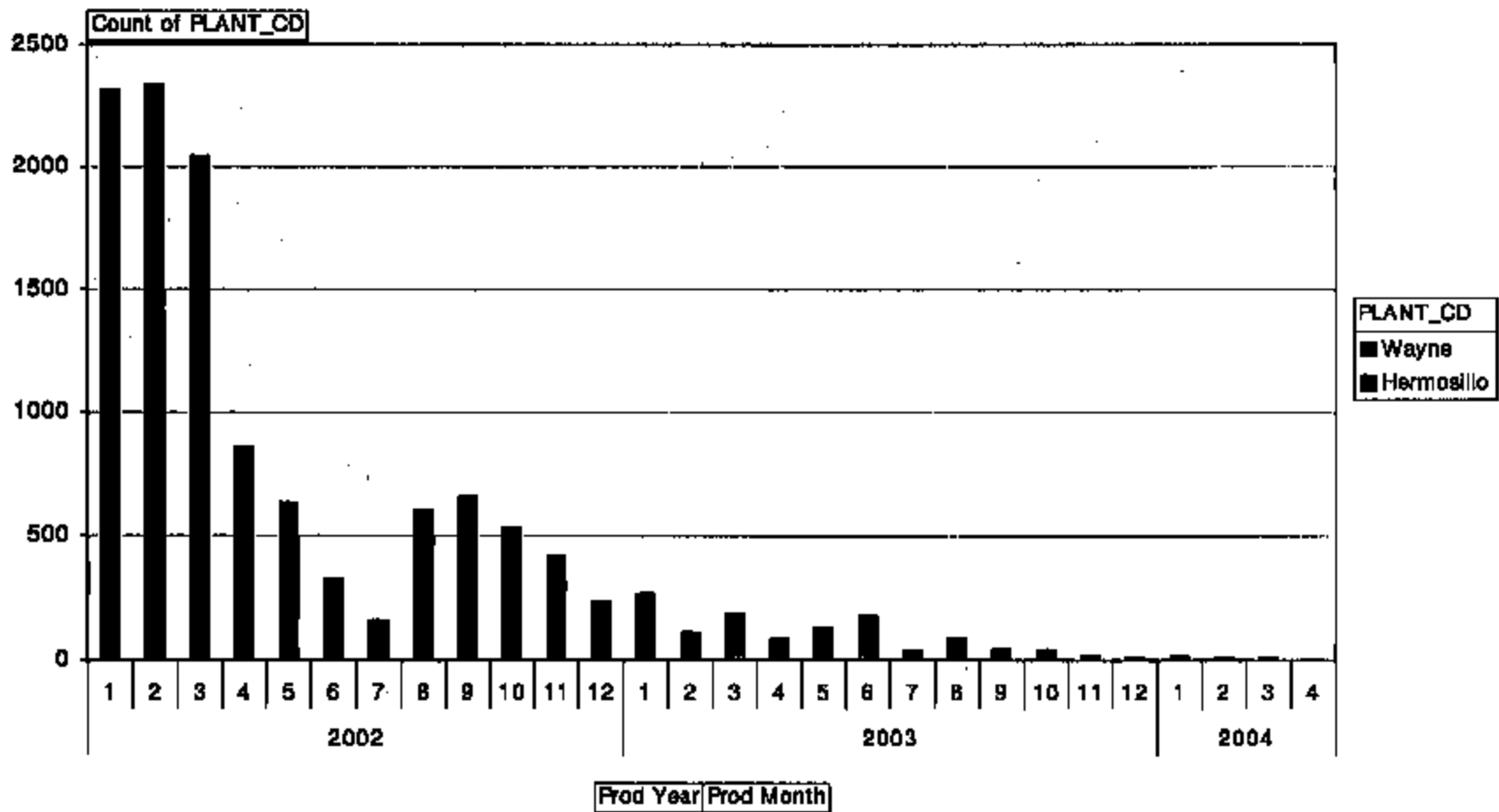


PART NUM BASE (CAUSL) TOTAL

### Focus Side Door Latches

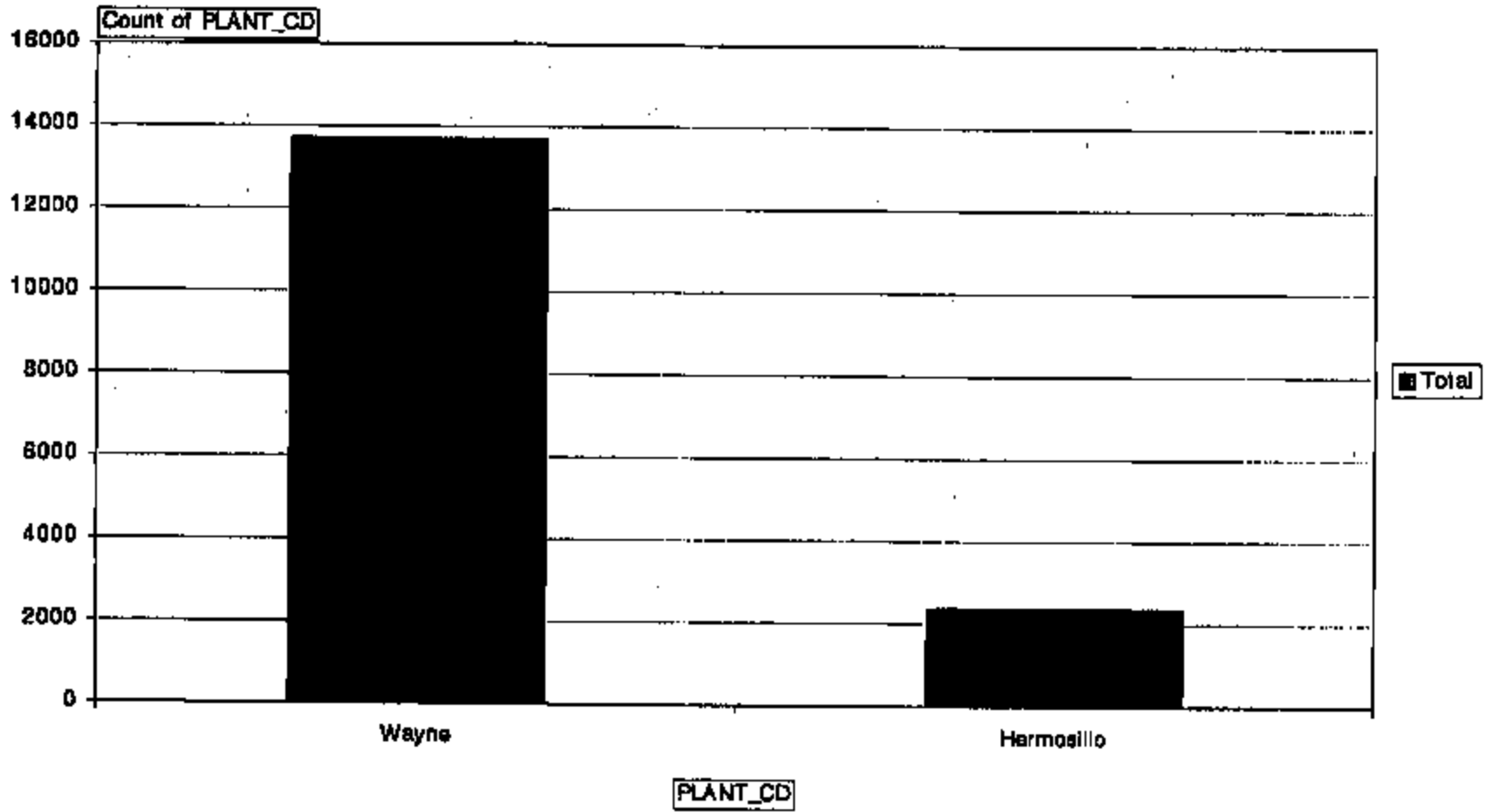


**Focus Side Door Latch  
by Assembly Plant and Build Date**



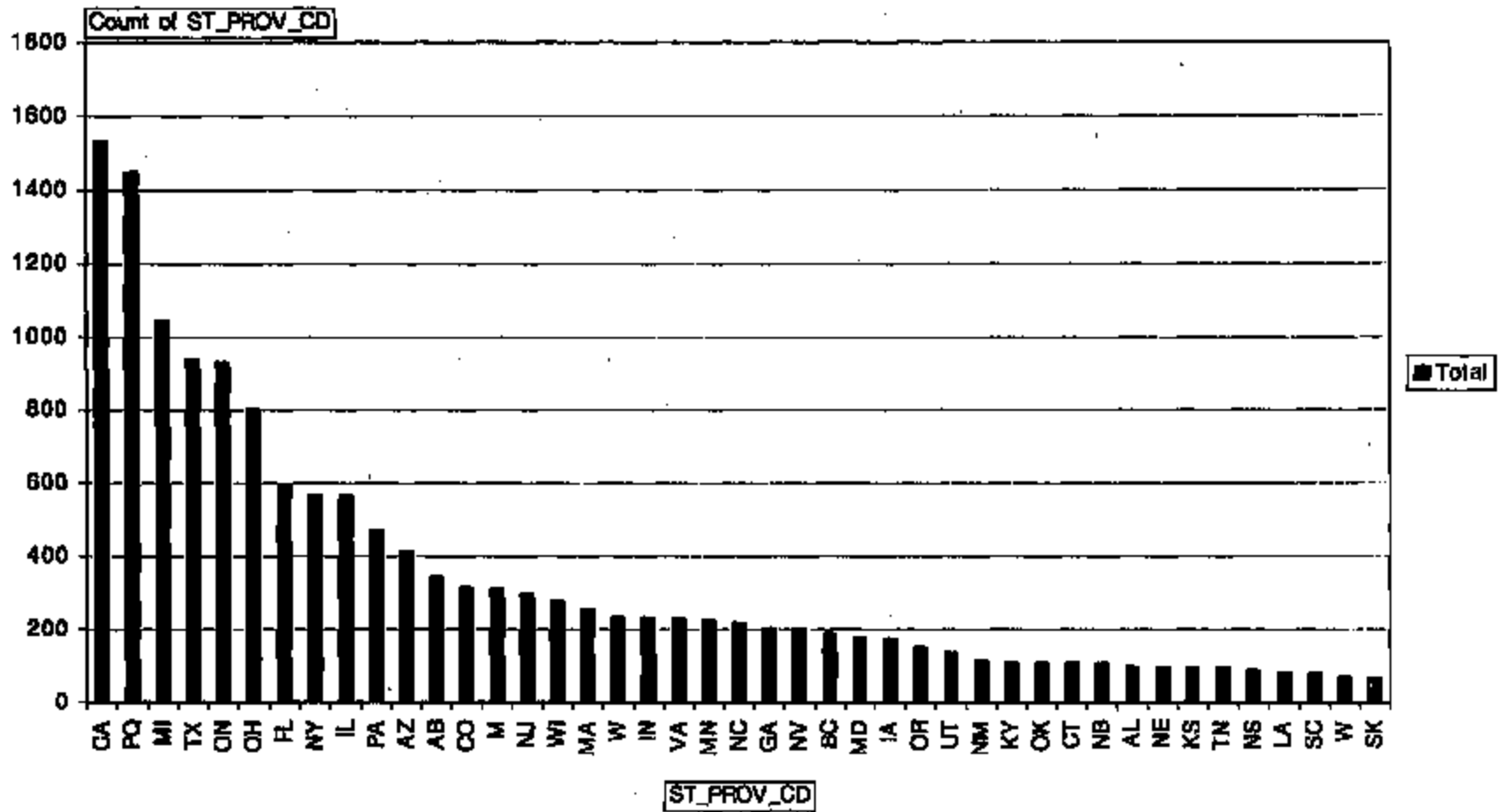
BR04-023 5323

Focus Side Door Latch  
by Assembly Plant



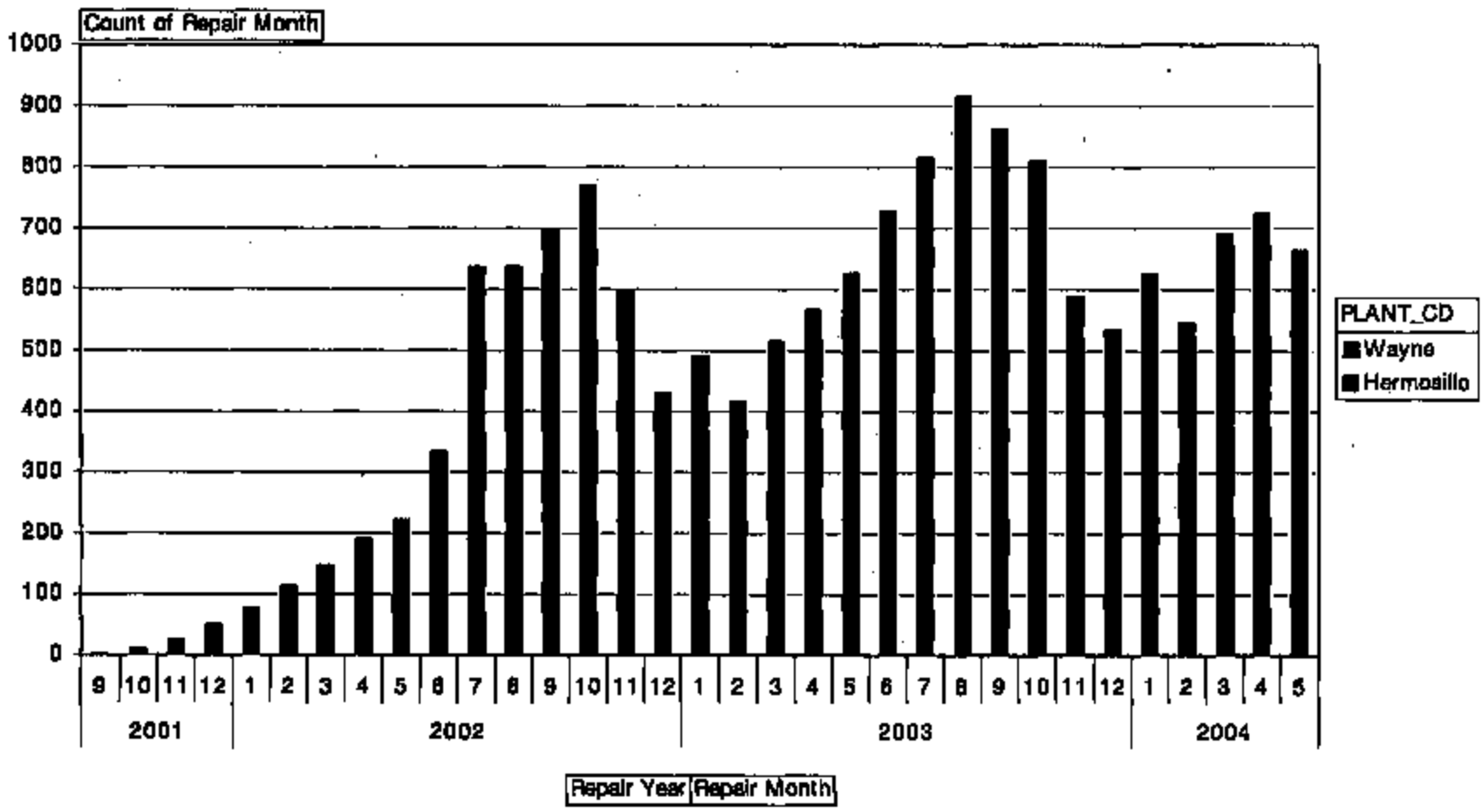
REGION\_CD NA

### Focus Side Door Latch by Repair State



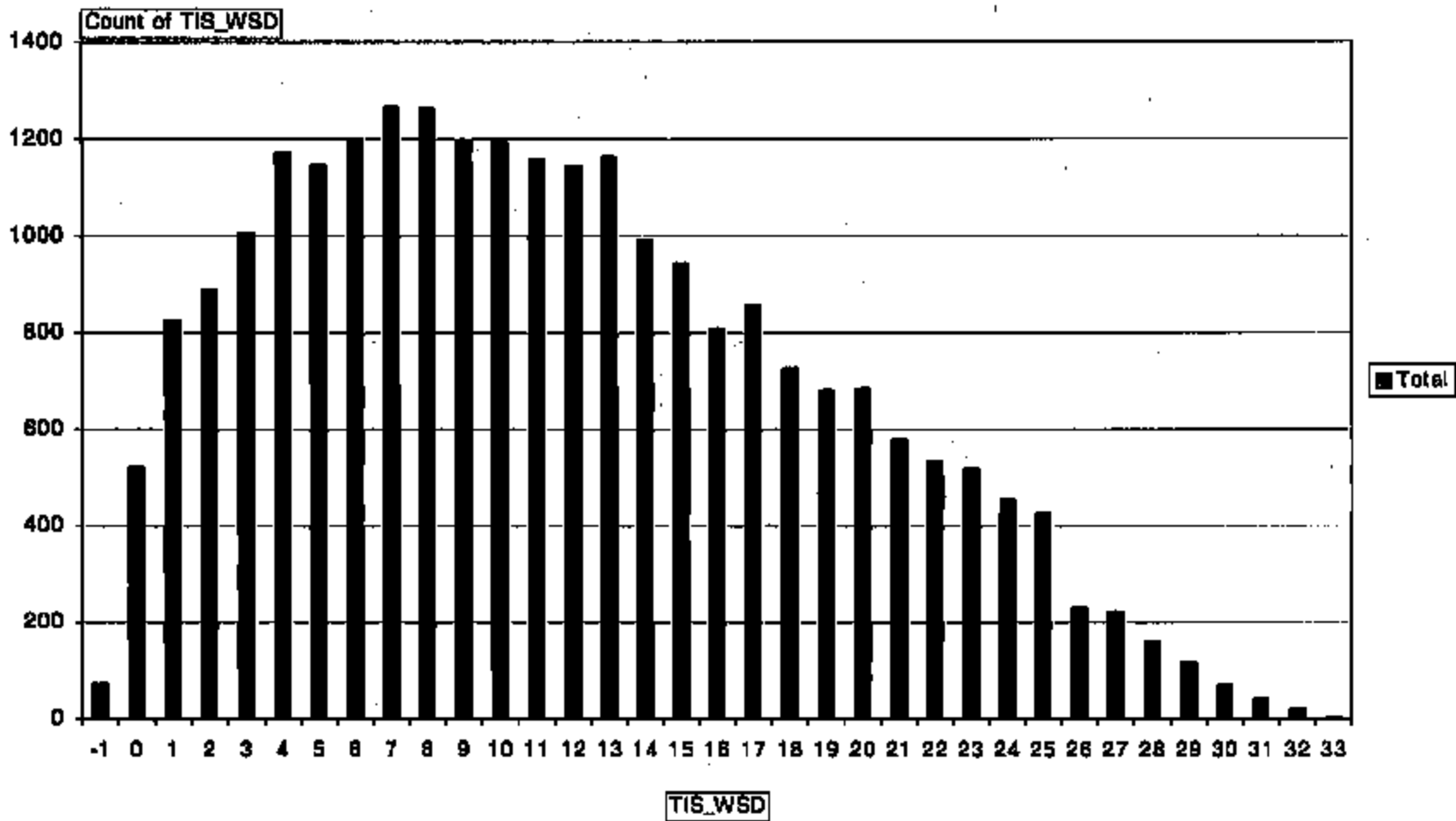
5325 5326 5327

### Focus Side Door Latch by Repair Date



EM4-B23 5326

### Focus Side Door Latches by TIS



EP04-023 5327

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**From:** Ryterski, Kathleen [Kathleen.Ryterski@brose.net]  
**Sent:** Tuesday, August 31, 2004 1:57 PM  
**To:** Lovasz, Ron (R.); Ford, Randy (R.)  
**Cc:** Stinec, Leslie  
**Subject:** 7443150/5443150 VIN Repeat Analysis



Focus Latch VIN  
Repeats.ppt (3...

VIN repair information was pulled on vehicles with 3+ latch repairs.

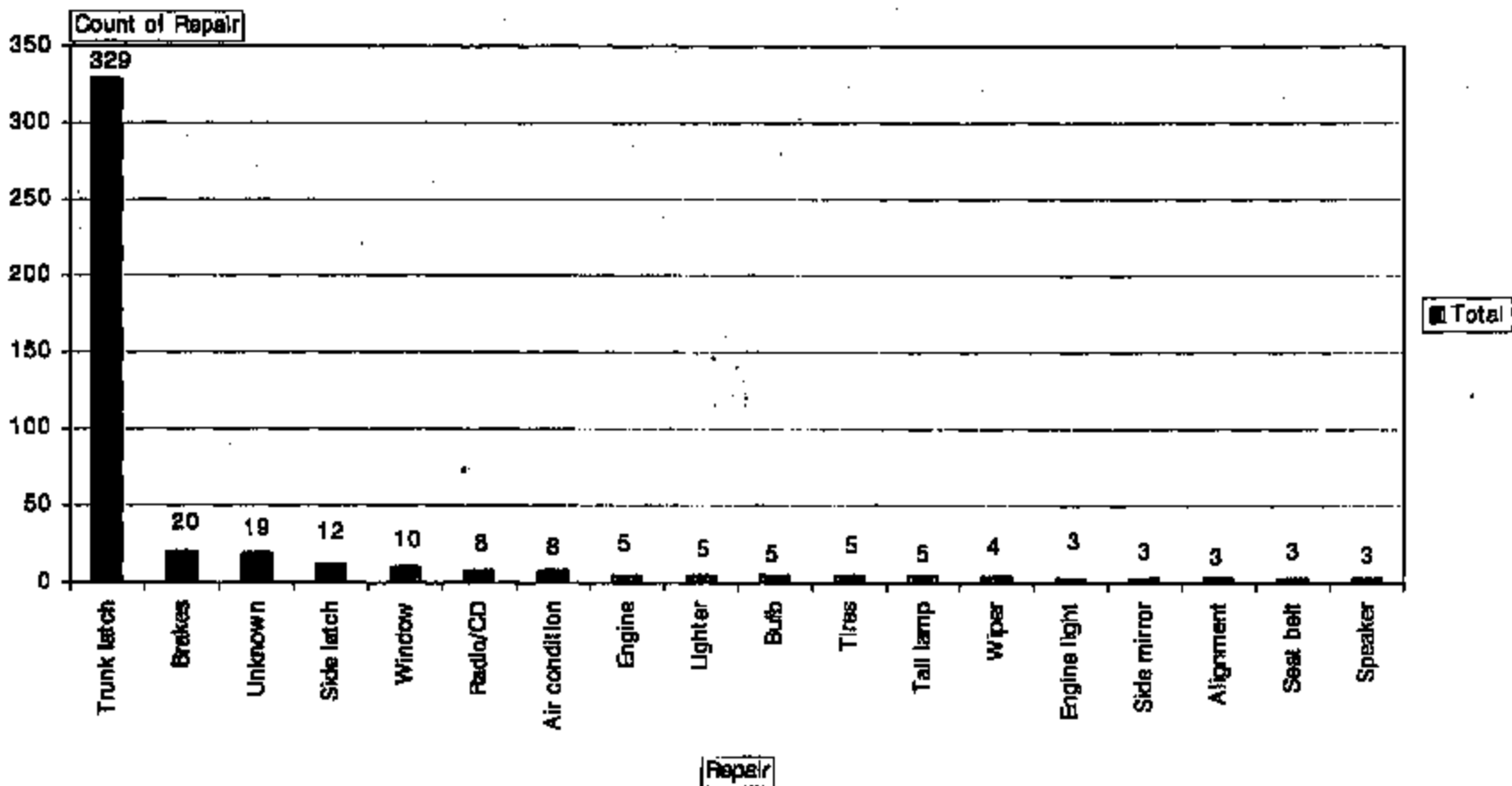
Best Regards  
Warranty Engineer

Kathleen Ryterski

Phone: +1 248 375 4133  
Fax: +1 248 340 1104  
Mobile: +1 248 310 1149  
mailto:Kathleen.Ryterski@brose.net

VIN\_CD (All)

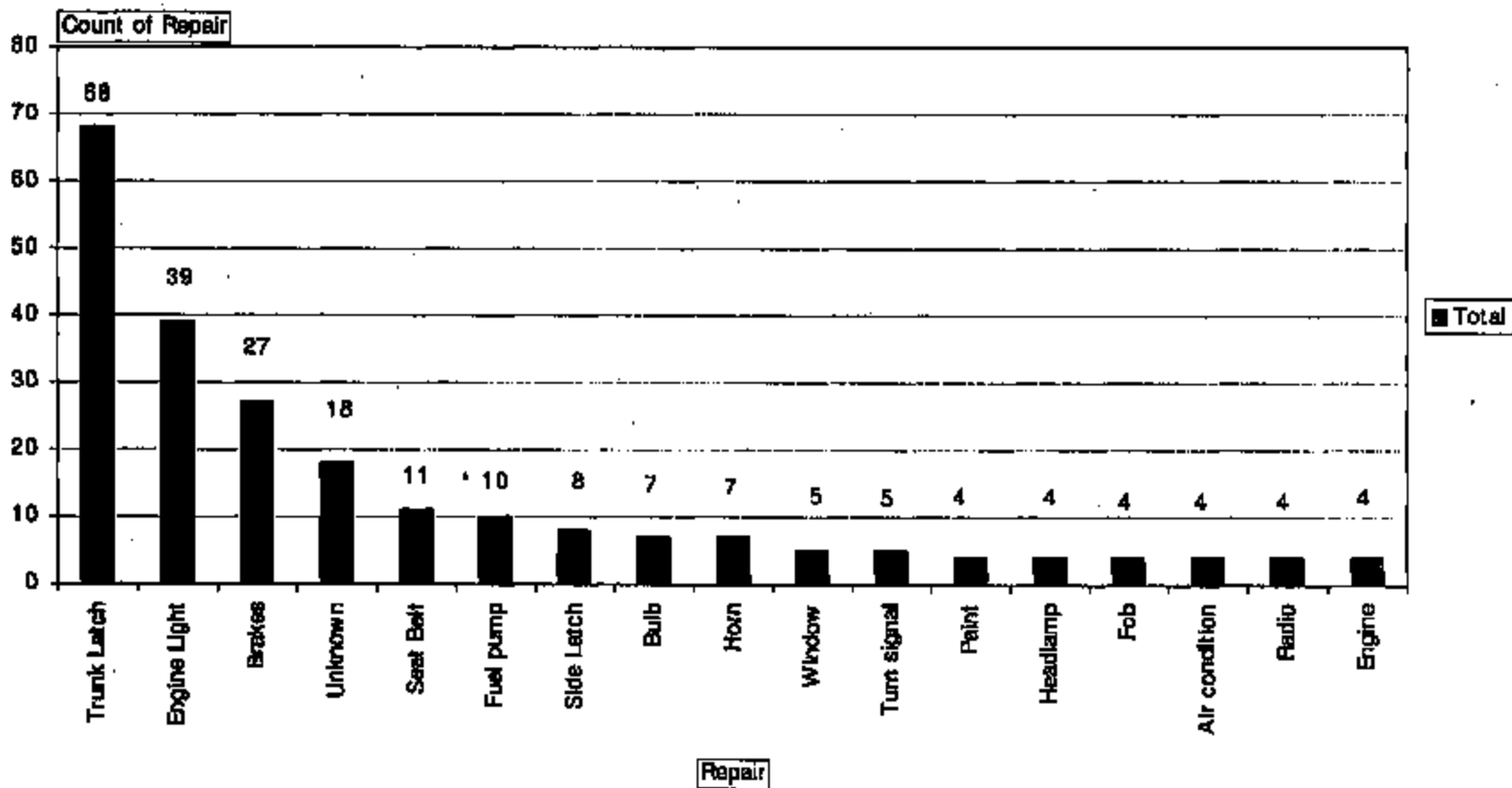
5443150 Repeat VIN Analysis  
78 vehicles (486 repairs)  
Top 15



EP04-823 8711



7443150 Repeat VIN  
31 vehicles (280 repairs)  
Top 15



8984-623 8712

---

**From:** Ryterski, Kathleen [Kathleen.Ryterski@brose.net]  
**Sent:** Tuesday, August 31, 2004 1:57 PM  
**To:** Lovasz, Ron (R.); Ford, Randy (R.)  
**Cc:** Stimac, Leslie  
**Subject:** 7443150/5443150 VIN Repeat Analysis



Focus Latch VIN  
Repeats.ppt (3...

VIN repair information was pulled on vehicles with 3+ latch repairs.

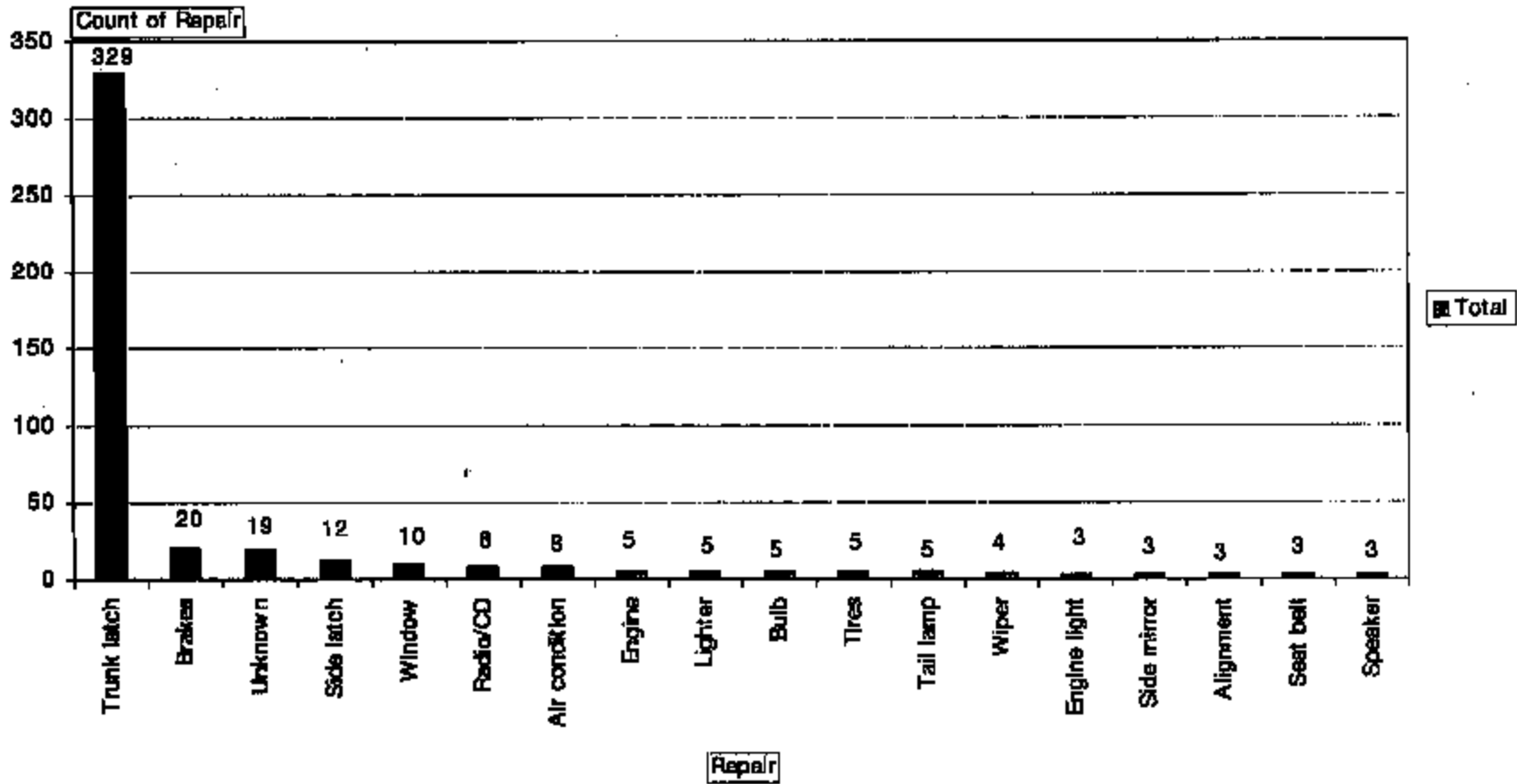
Best Regards  
Warranty Engineer

Kathleen Ryterski

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Fax: +1 248 340 1104  
Mobile: +1 248 310 1149  
mailto:Kathleen.Ryterski@brose.net

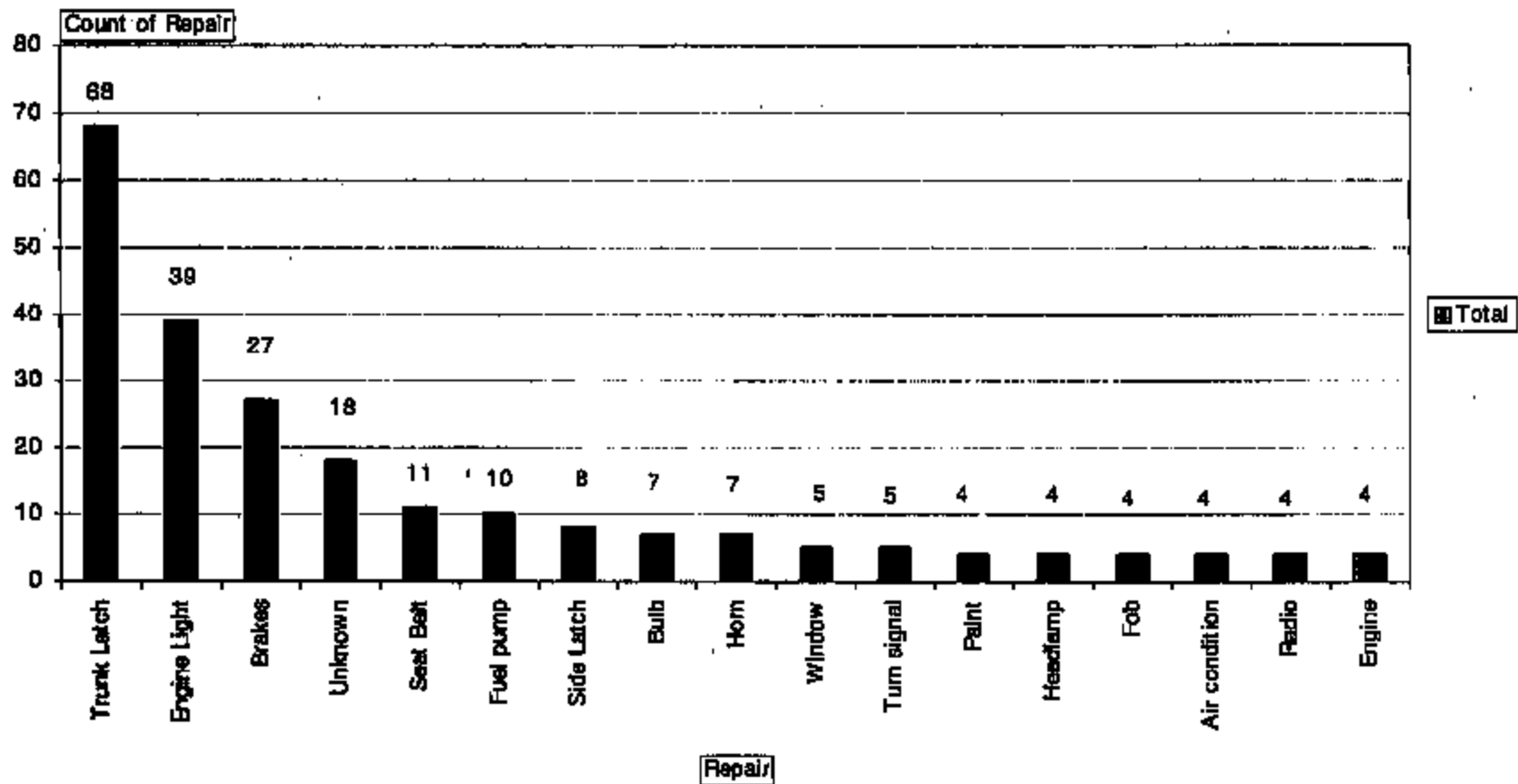
VIN\_CD (All)

6443150 Repeat VIN Analysis  
78 vehicles (486 repairs)  
Top 15



EN04-823 8714

7443150 Repeat VIN  
31 vehicles (280 repairs)  
Top 15



---

**From:** Ryterski, Kathleen [Kathleen.Ryterski@brose.net]  
**Sent:** Monday, August 30, 2004 3:45 PM  
**To:** Urry, Anthony (A.R.); Ford, Randy (R.); Lovasz, Ron (R.); Herline, Thomas (T.M.); Howells, Thomas (T.W.)  
**Cc:** Stimac, Leslie; Barbareta, Jim; Conley, Christopher; Lichon, Richard; Rundell, David; Robinson, Jon  
**Subject:** Focus Side Door Latch



Focus Side Door  
Latch1.ppt (65...

Attached is a presentation of the side door latch. The first half is what we have seen through our analysis, and the second part is AWS data. Please note that the AWS data is pulled for 2002-present model years. I'm still pulling together info for the decklid/tailgate.

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Warranty Engineer

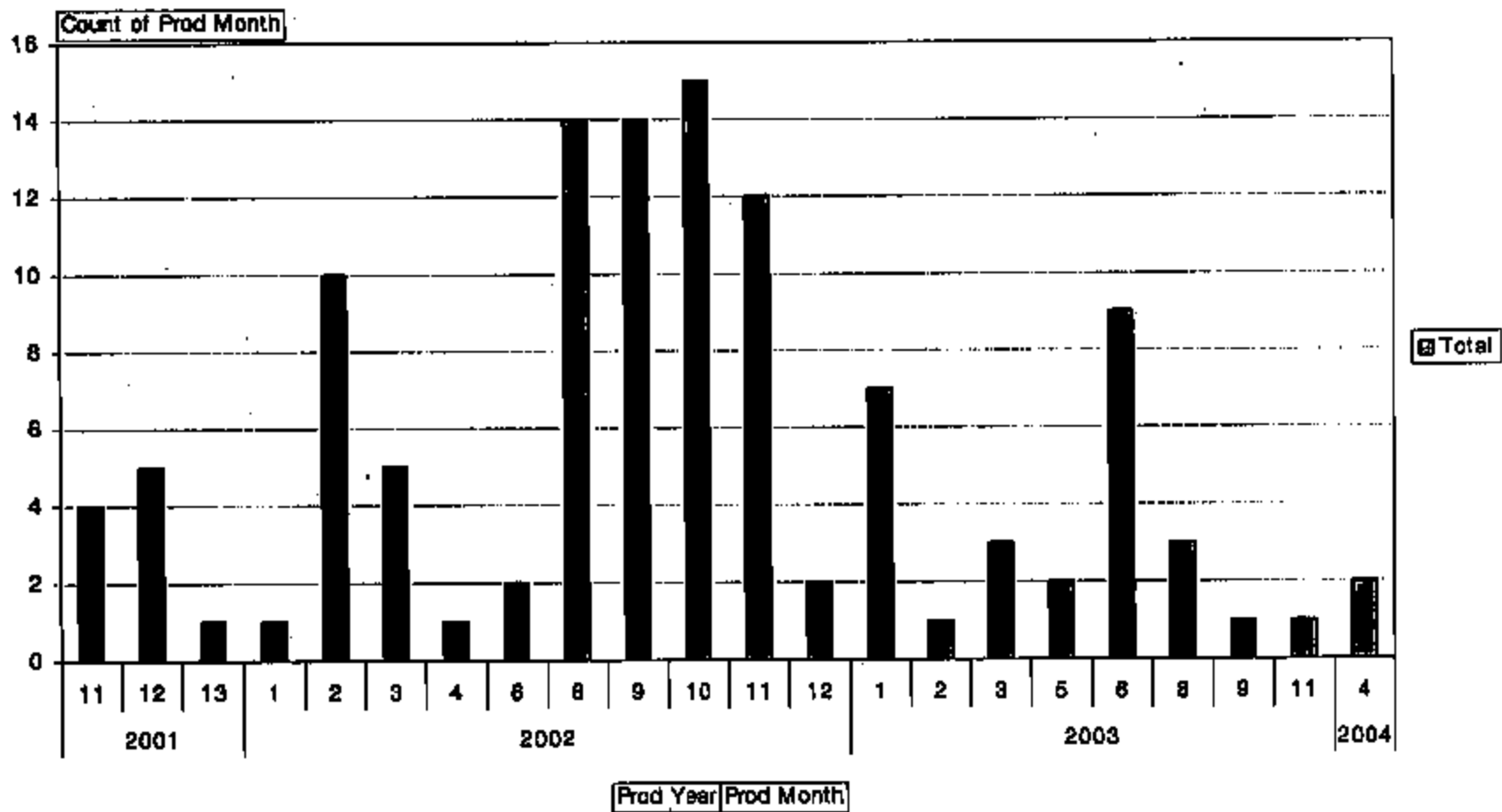
Kathleen Ryterski

Phone: +1 248 375 4133  
Fax: +1 248 340 1104  
Mobile: +1 248 310 1149  
mailto:Kathleen.Ryterski@brose.net

# **Focus Side Door Latch**

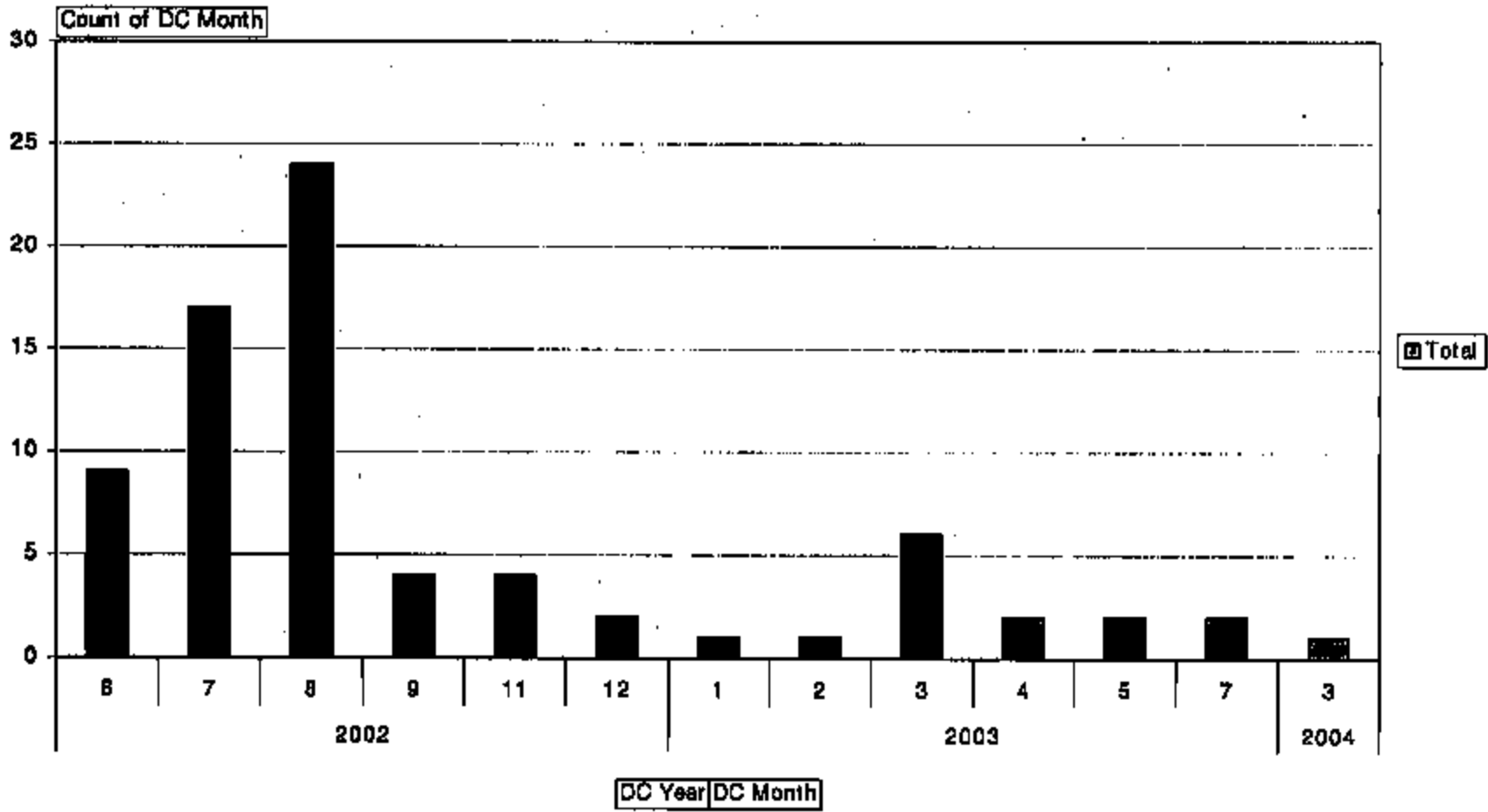
## **Warranty Analysis from Warranty Returns**

**Focus Side Door Latch  
by Vehicle Production Date**



EN04-023 2577

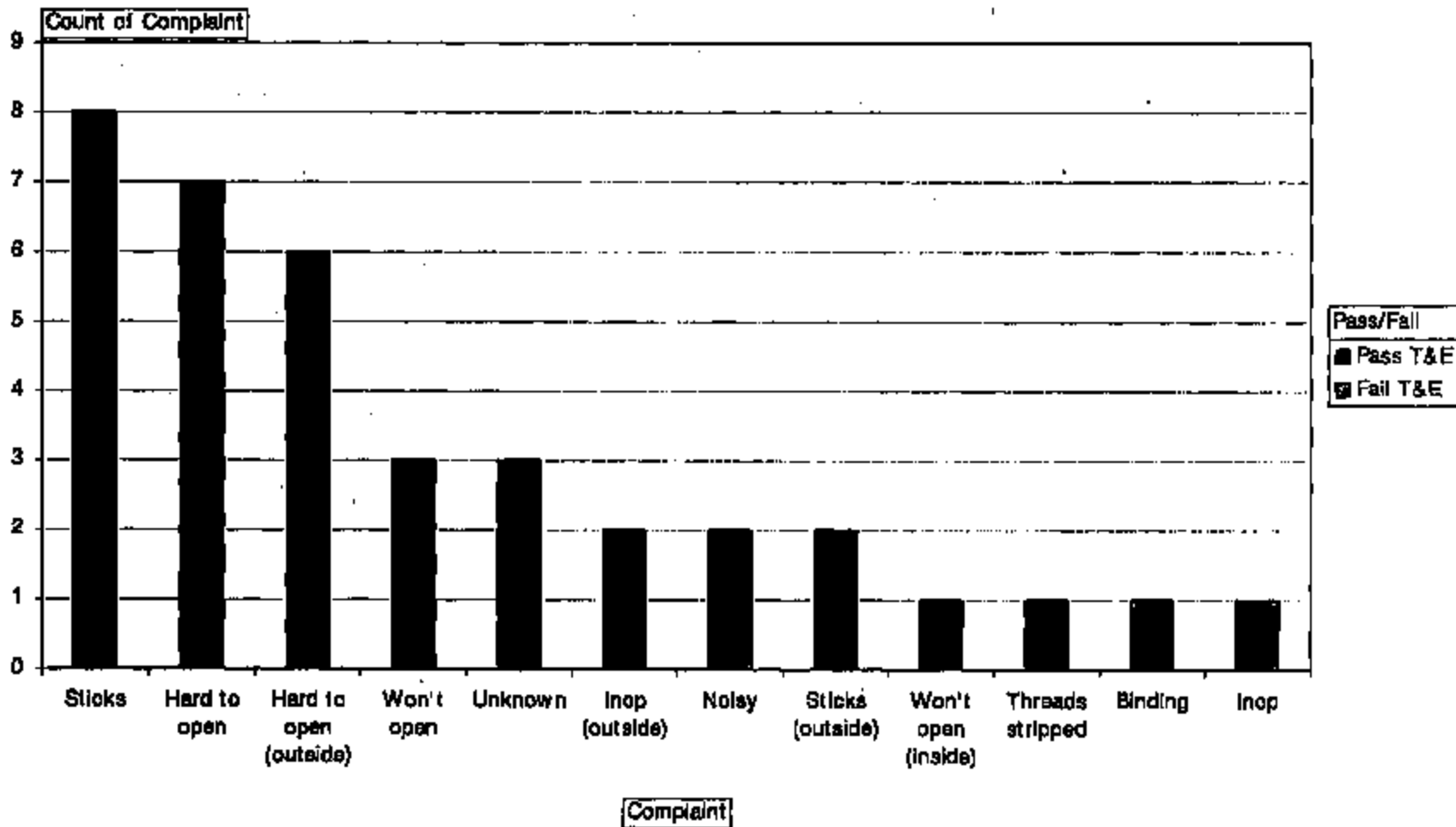
**Focus Side Door Latch  
by Part Date Code**



ENG-823 957B

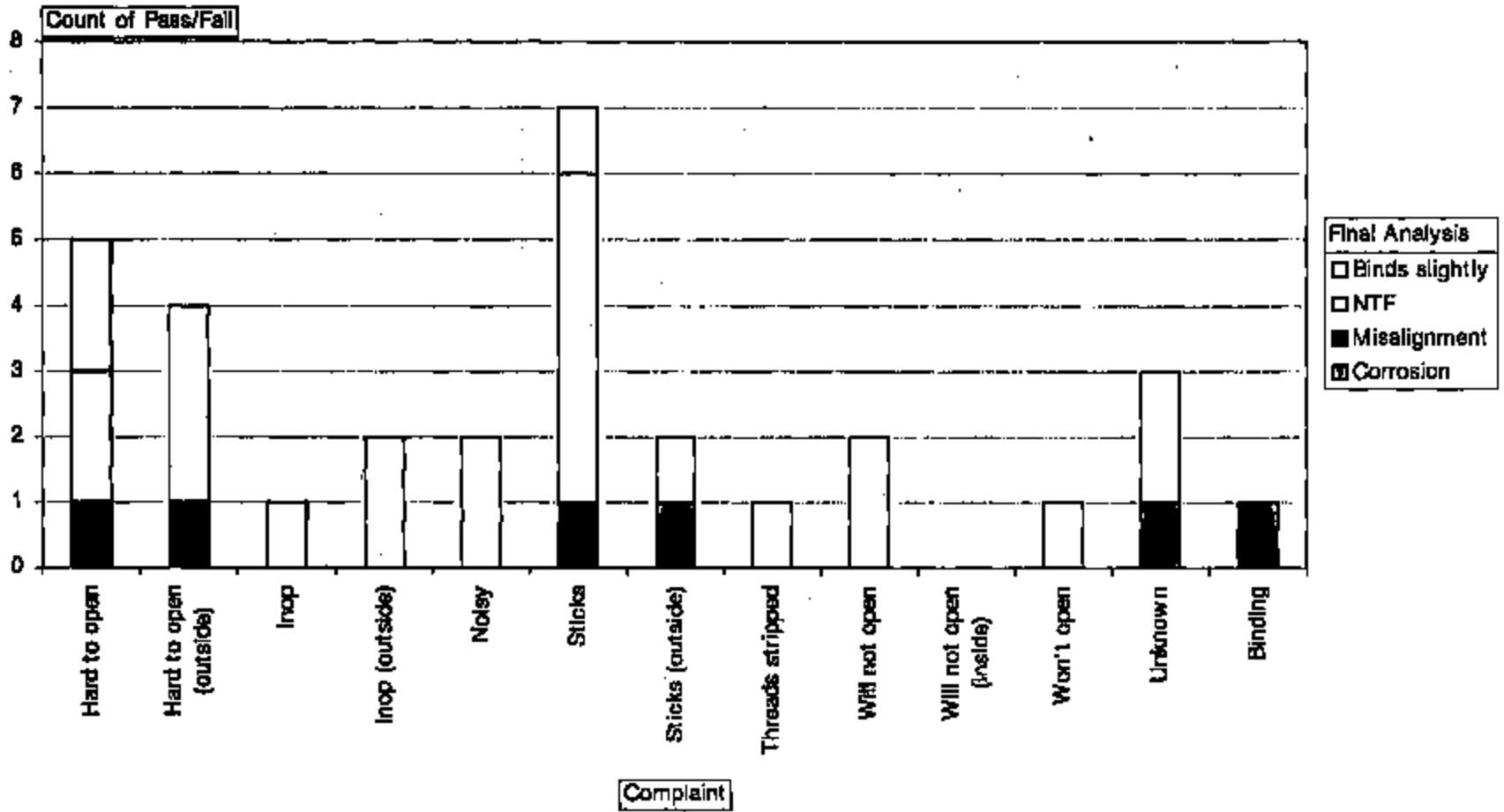


### Focus Side Door Latch by Customer Complaint



Pass/Fail (All)

### Focus Side Door Latch Analysis from Returns Complaints of failed T&E parts



# **Focus Side Door Latch**

## **Warranty Data from AWS**

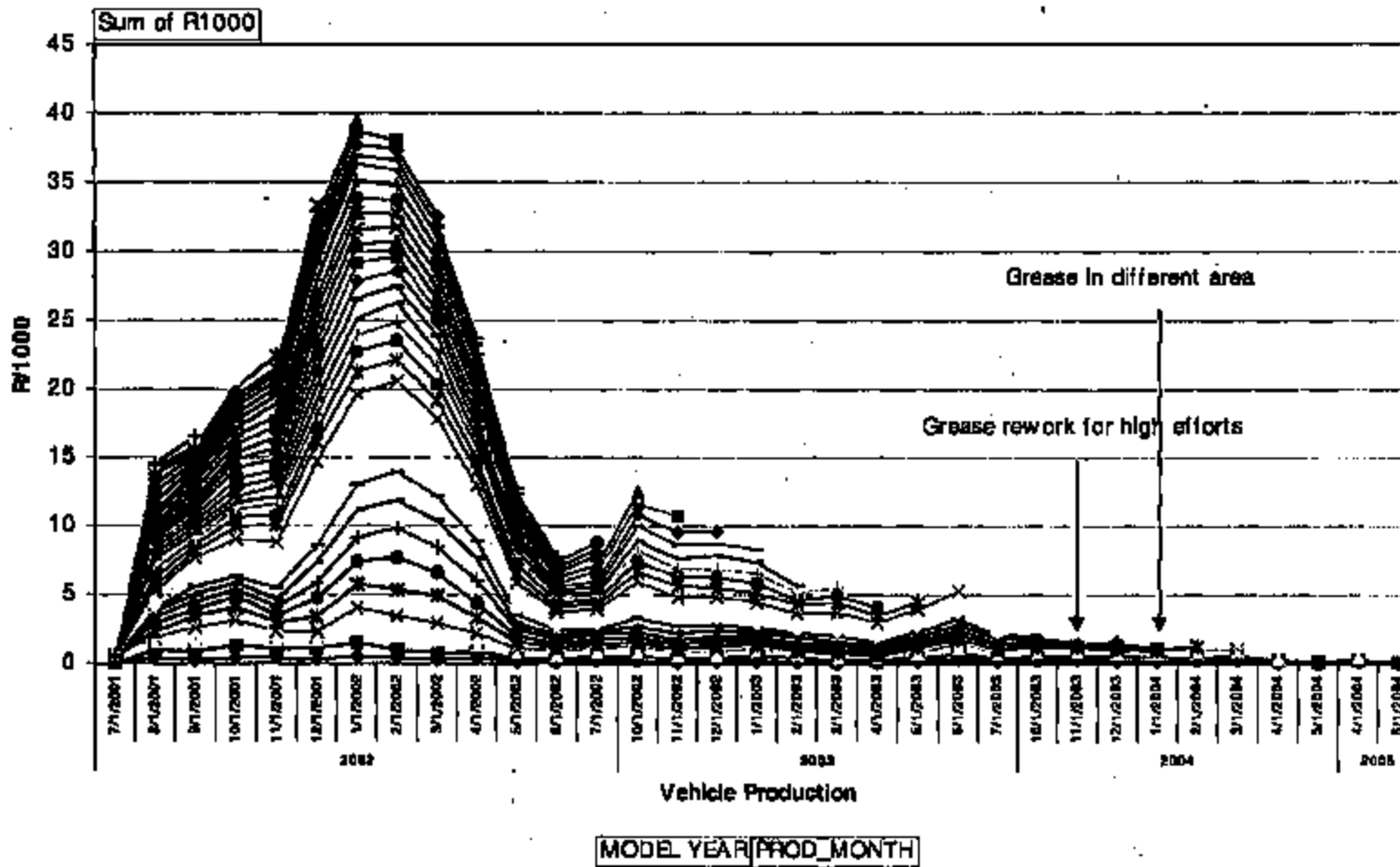
### **2002-2005 Model Year**

PART NUM BASE (CAUSL) TOTAL

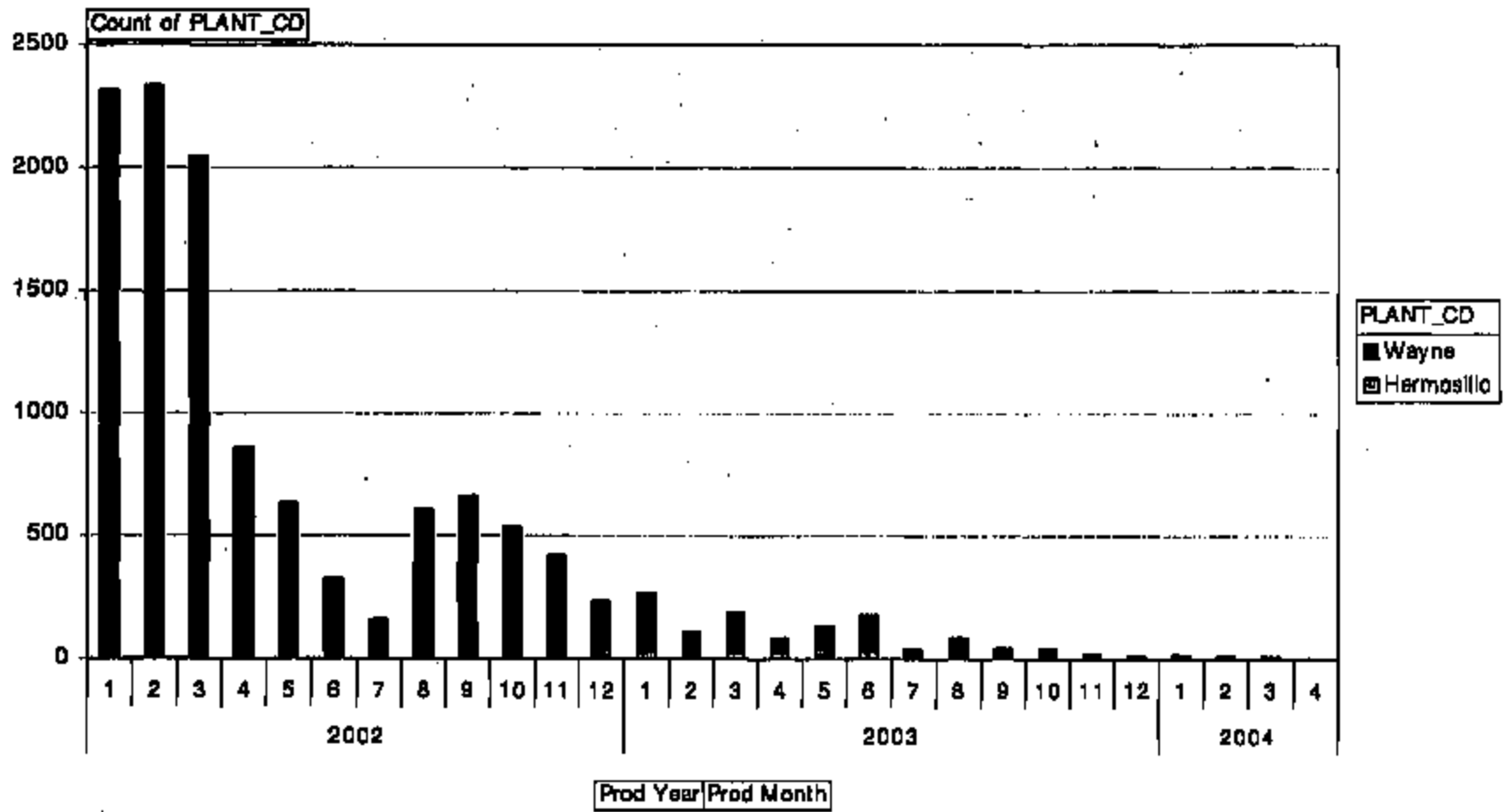
Focus Side Door Latches

TIS

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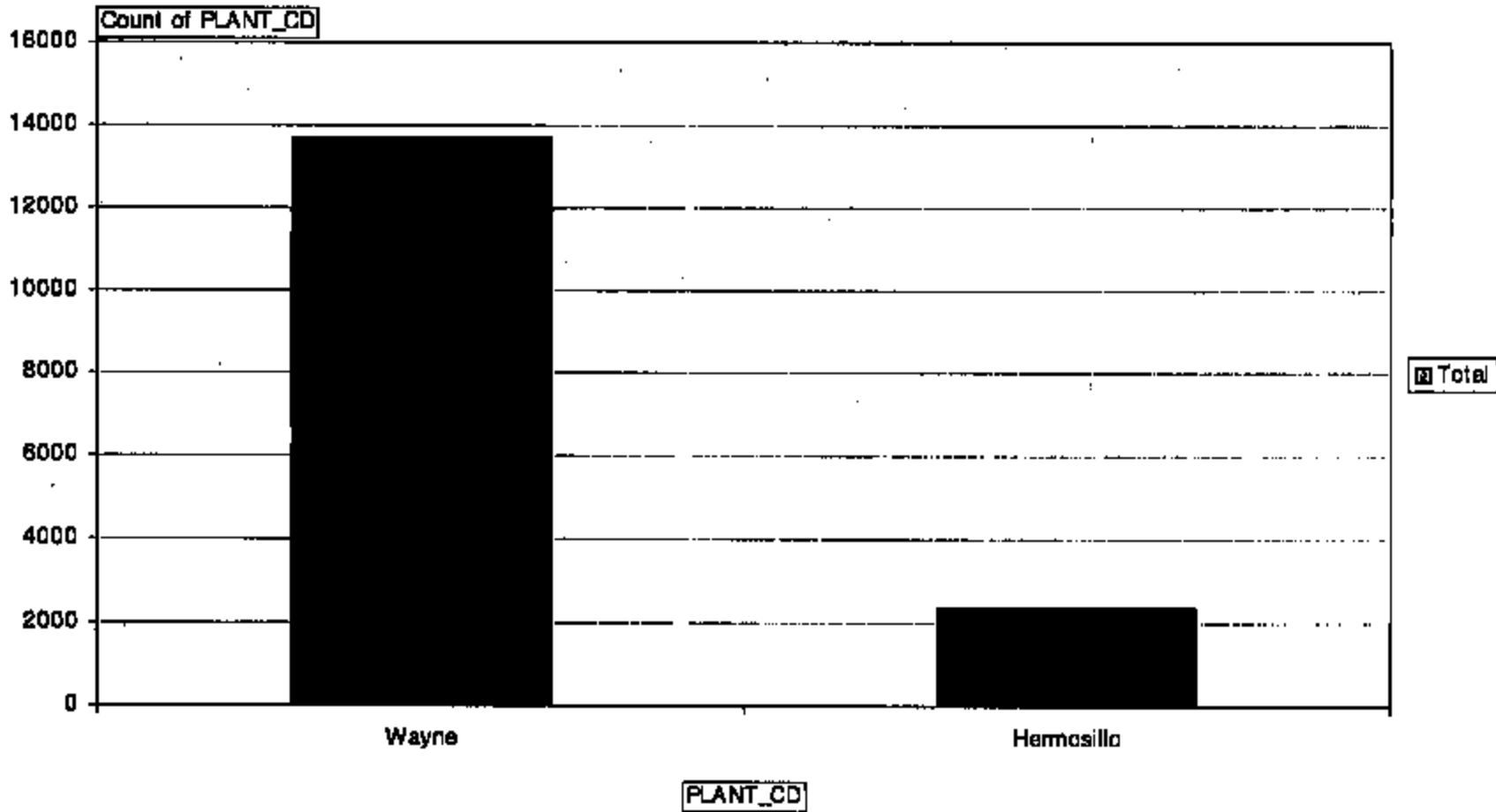


**Focus Side Door Latch  
by Assembly Plant and Build Date**



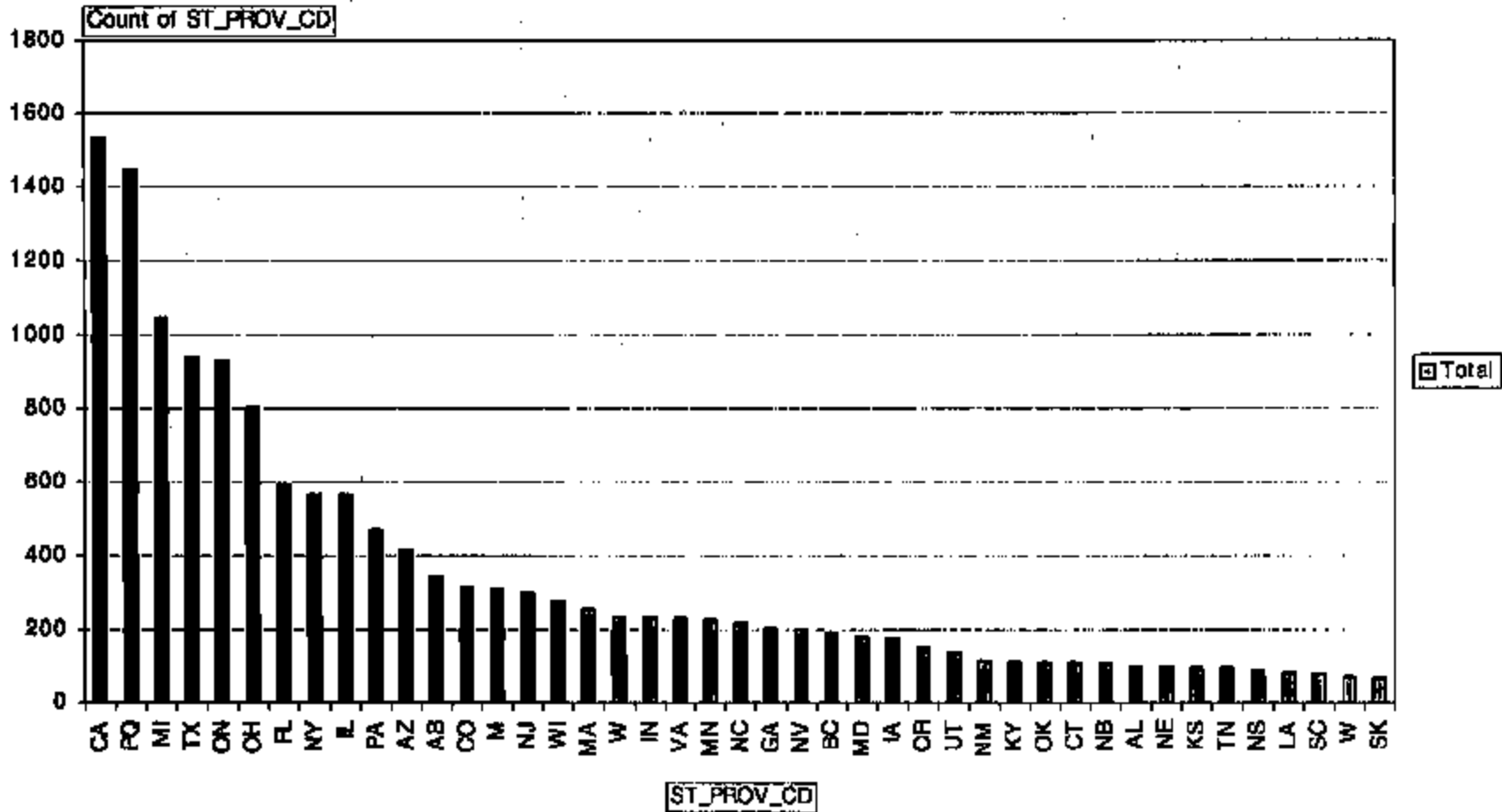
8864-023 1003

Focus Side Door Latch  
by Assembly Plant



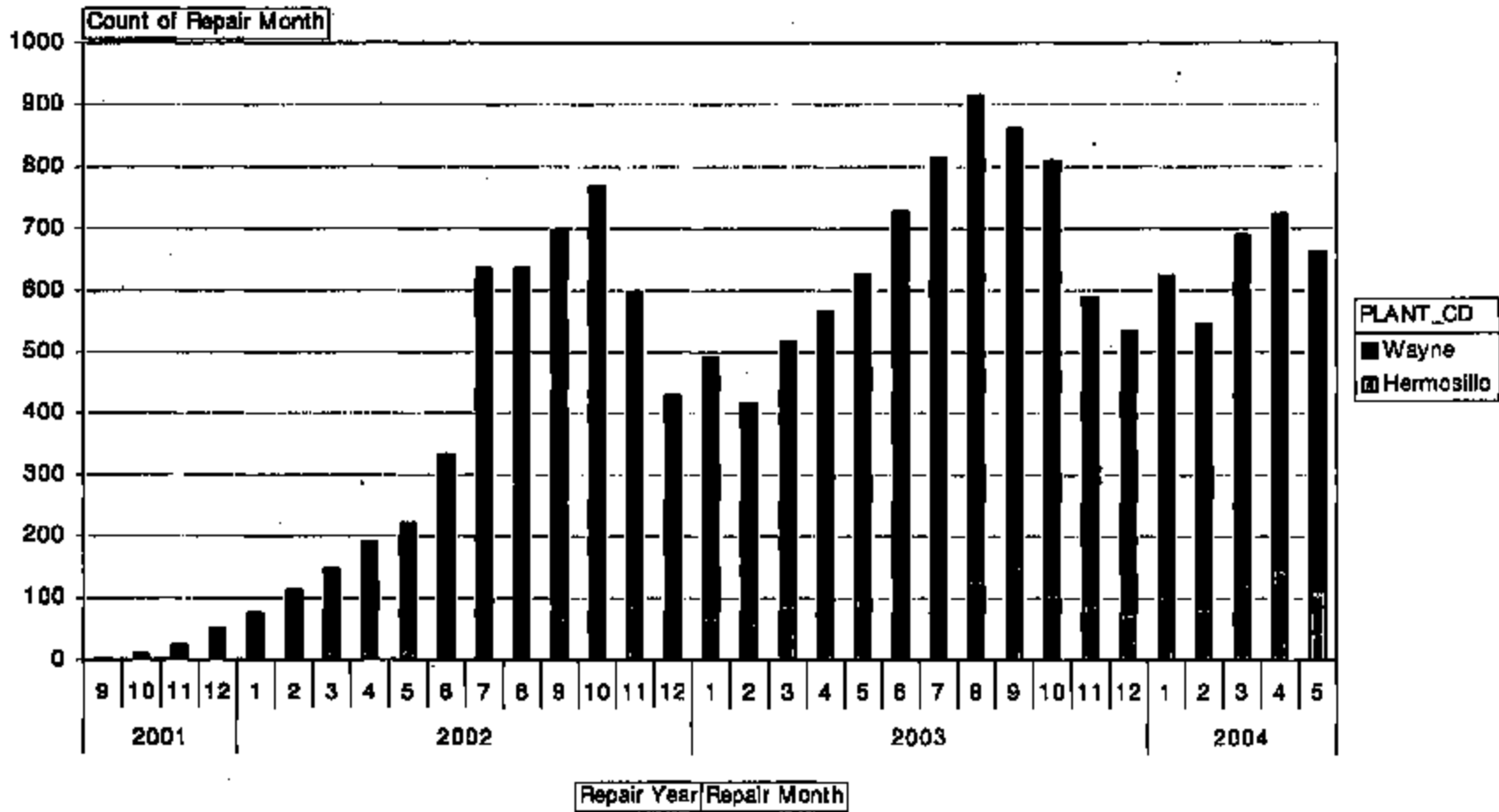
REGION\_CD|NA

### Focus Side Door Latch by Repair State



EN04-023 5916

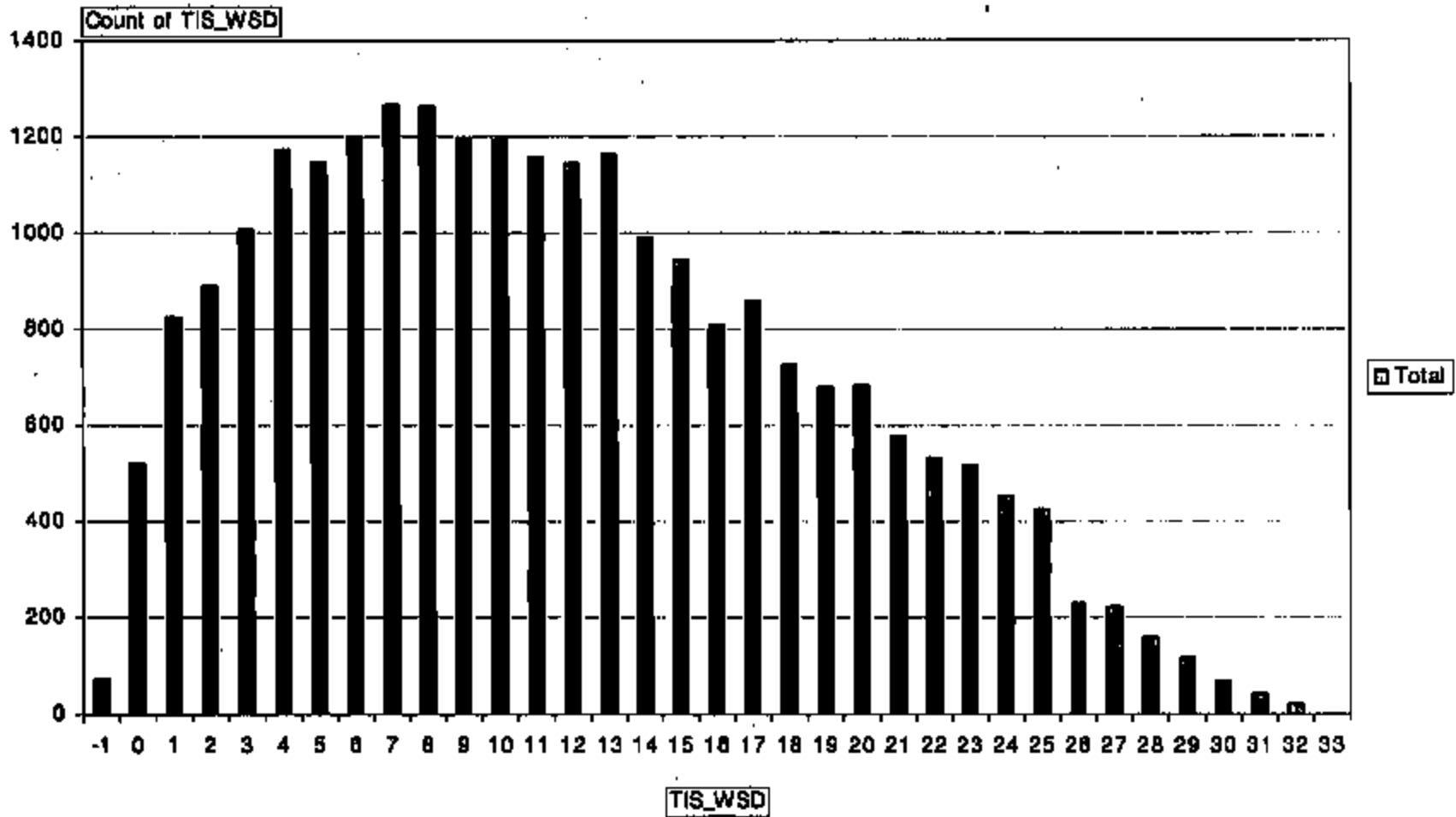
**Focus Side Door Latch  
by Repair Date**



EP04-023 5306



### Focus Side Door Latches by TIS



1994-023 5957

---

**From:** Rytarski, Kathleen [Kathleen.Rytarski@brose.net]  
**Sent:** Friday, June 25, 2004 3:07 PM  
**To:** Ford, Randy (R.); Lovasz, Ron (R.); Reeves, Scott (S.C.)  
**Subject:** Focus Side Door Latch Warranty Breakdown



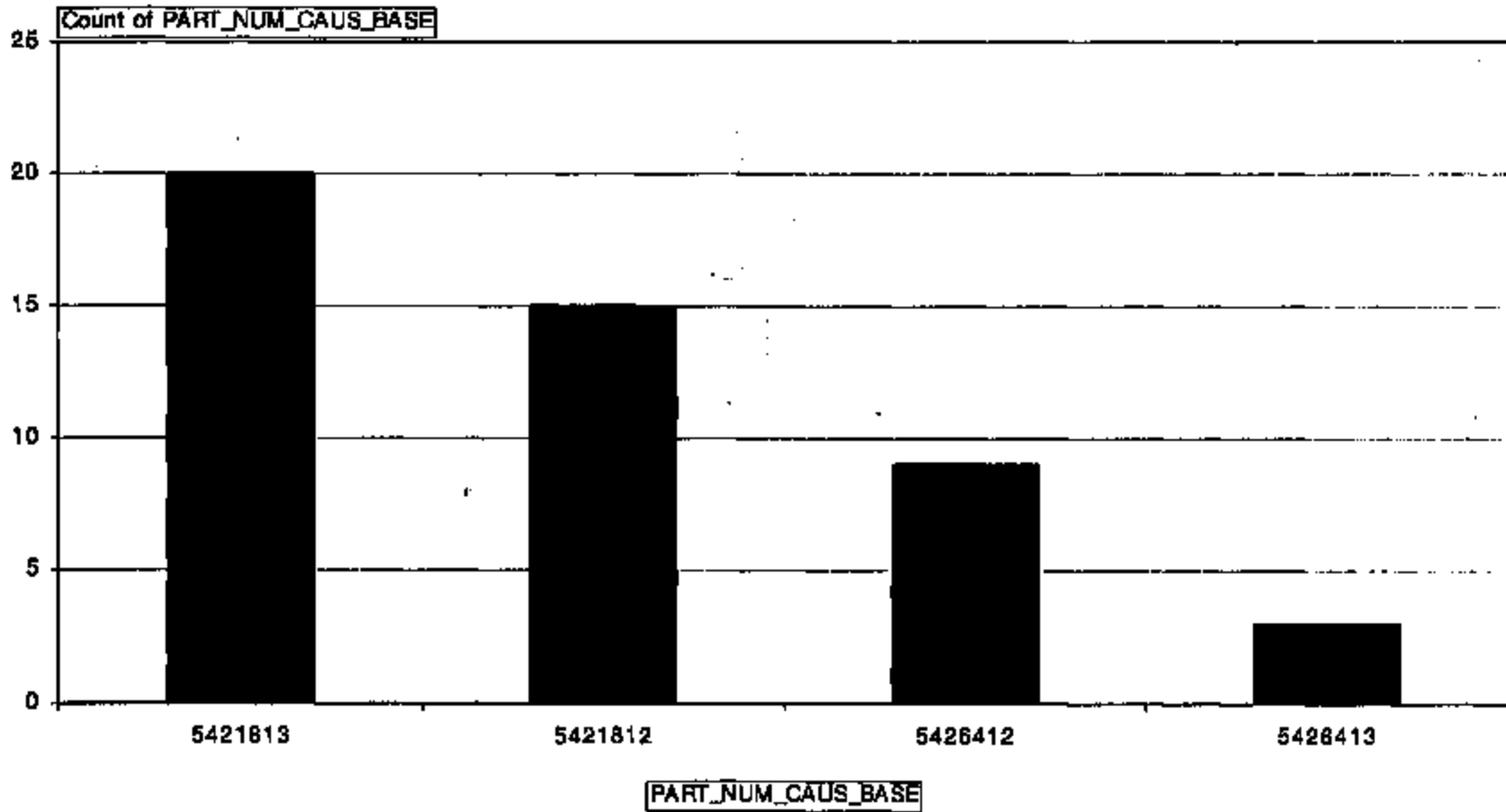
Focus Side Door  
Latch.ppt (25 ...)

Kathleen Rytarski  
Brose North America  
Phone: 248-375-4133  
Cell: 248-310-1149  
Email: kathleen.rytarski@brose.net

**Focus Side Door Latches  
Claims after 11-2003**

47 latch claims after 11-2003  
30% labor only claims

**Focus Side Door Latch Claims after 11-2003 by part number**  
47 claims



2004-023 5768

### Focus Side Latch Claim Breakdown - Claims after 11-2003

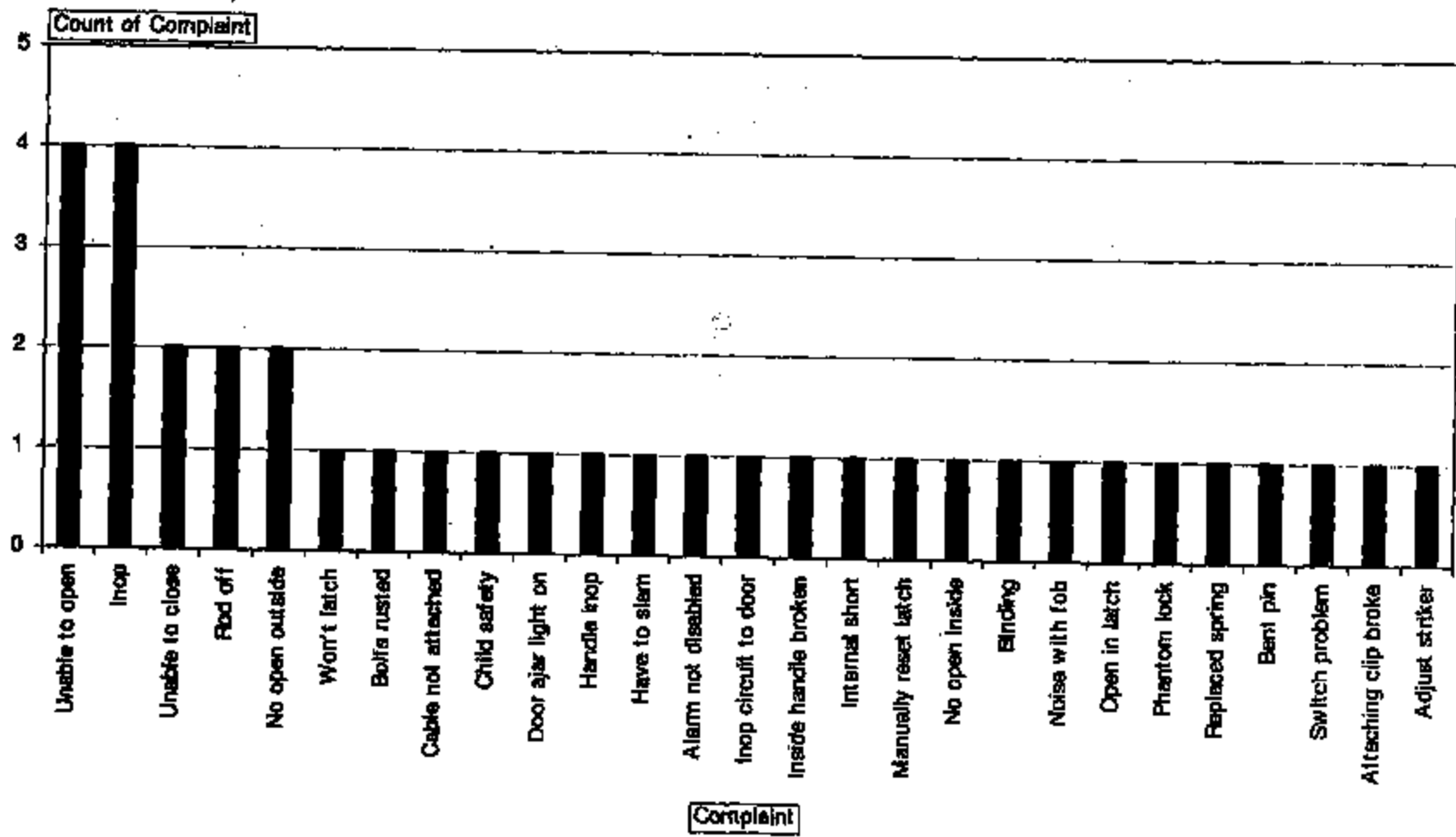
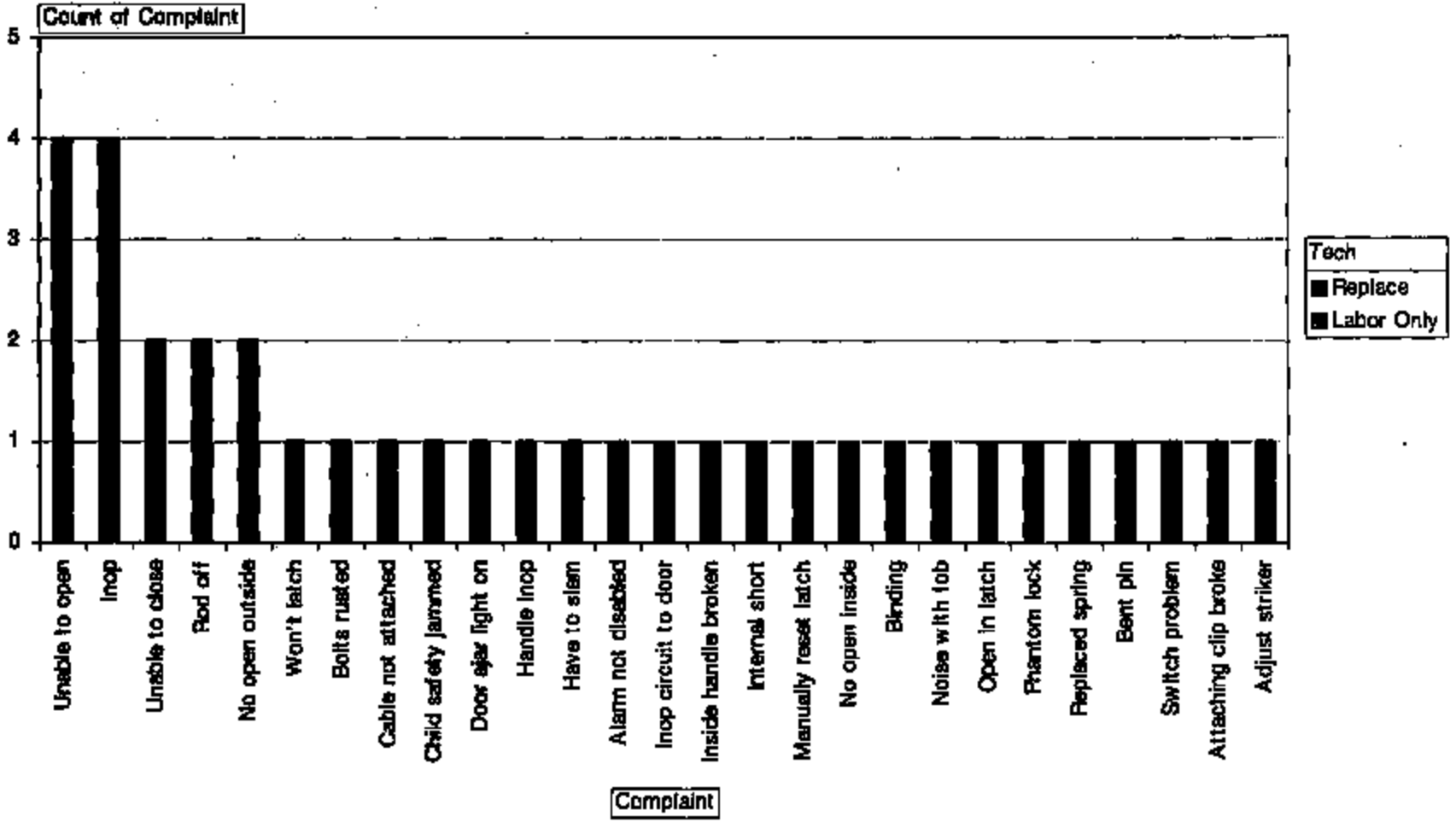


TABLE 220-1063



### Focus Side Latch Claims after 11-2003



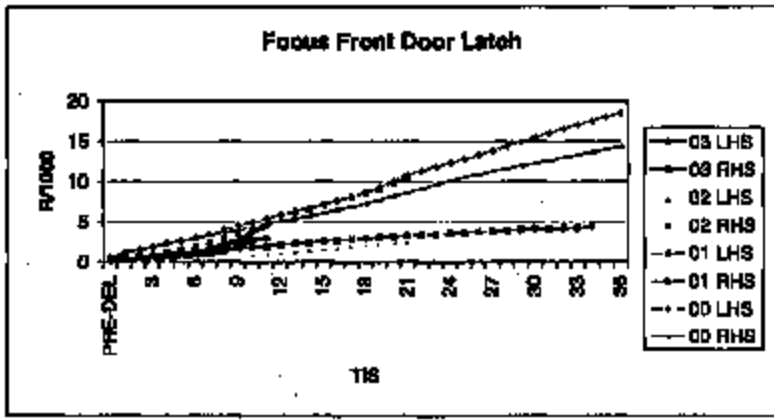
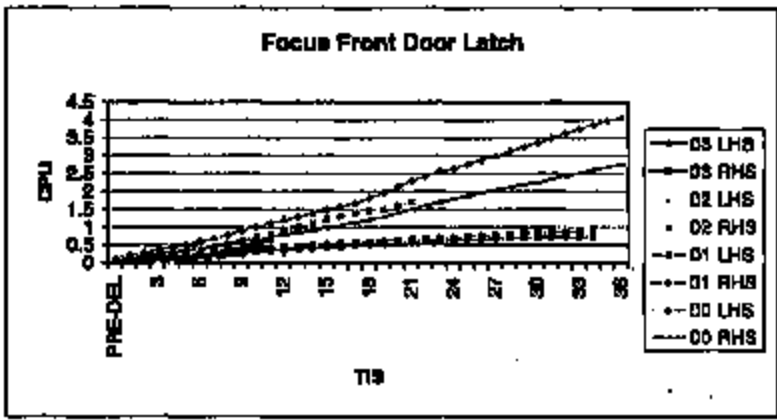
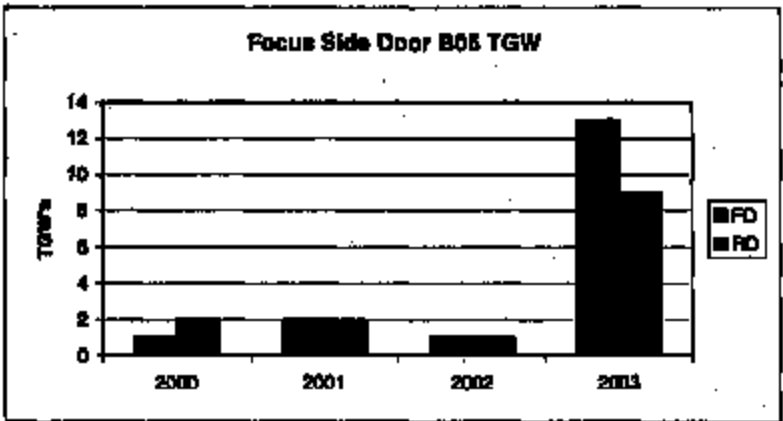
---

**From:** Reeves, Scott (S.C.)  
**Sent:** Monday, September 22, 2003 9:03 AM  
**To:** Ford, Randy (R.)  
**Subject:** Book2.xls



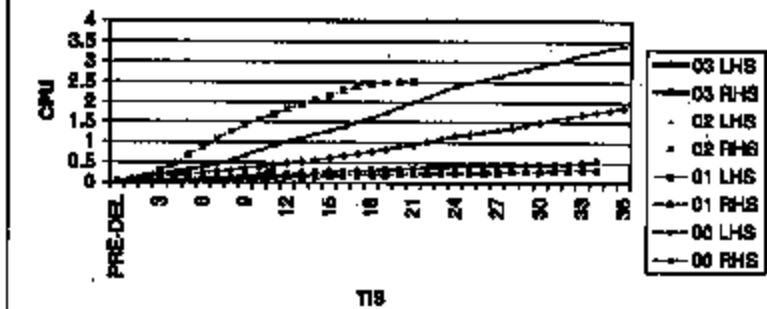
Book2.xls (72 KB)

Randy, I thought I would just send the graphs to save space. Let me know if there is anything else you need. Talk to you soon, Scott.

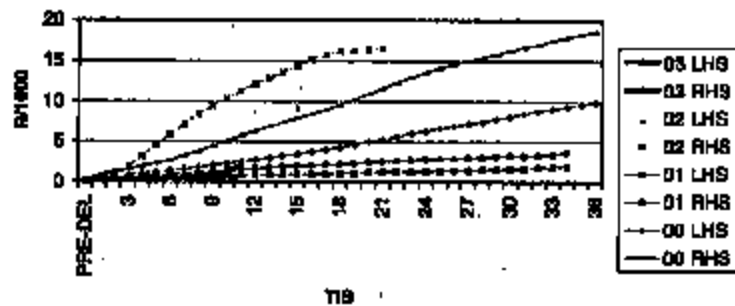




Focus Rear Door Latch



Focus Rear Door Latch



---

**From:** Burke, Pauline (P.F.)  
**Sent:** Monday, June 07, 2004 10:30 AM  
**To:** Goodchild, Tim (T.O.)  
**Subject:** FW: FQE help required

Hi Tim,

We forgot to include the number of parts required. How many do you want?

Thanks.

**Pauline Burke**  
**Critical Concern Engineer - NAC**  
**Phone/Fax: (313) 248-6312**  
**Text Pager (313) 795-3807**

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—Original Message—

**From:** Burke, Pauline (P.F.)  
**Sent:** Monday, June 07, 2004 9:27 AM  
**To:** McDonald, Joseph (J.)  
**Cc:** Burke, Pauline (P.F.); Goodchild, Tim (T.O.)  
**Subject:** FQE help required

Hi Joe,

I have started working for Bharat Patel. We need your help on the following Focus Rear Door concern.

Please forward any questions to Tim or myself.

Thank you for your help.



FQEAssign Focus  
door.doc (49 K...

**Pauline Burke**  
**Critical Concern Engineer - NAC**  
**Phone/Fax: (313) 248-6312**  
**Text Pager (313) 795-3807**

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### FCSD Field Quality Engineer (FQE) Request

Complete the FQE Support Request section of the form below (green headers).

If you have questions, contact Maria Lovelace (Mlovela1 323-6561)

After the form is completed, save it on your hard drive and send via E-mail to: [Maria.Lovelace](mailto:Maria.Lovelace)

FCSD FQEs are trained engineers, familiar with all subsystems and vehicles. They visit dealership Service Departments and other Ford and Lincoln-Mercury service locations and fleets daily. FQEs can provide the following support services: inspect vehicles for specific conditions; take photographs; recover and return failed components; locate vehicles for testing and/or inspection by other engineering personnel; perform test drives and record results.

Assignment Specifics	
Model Year(s) 2000	Requestor's Name [REDACTED]
Vehicle line(s) Ford Focus 4 door (sedan or wagon)	Phone Number [REDACTED]
Mileage range All mileage	Email Address tgoodchi@ford.com
Part number(s) XS41-A26412-A* XS41-A26412-B* XS41-A26413-A* XS41-A26413-B*	Pictures/CQIS Reports?
AWS R/1000	# of CQIS Reports? DTC's?
Date Issued 6/7/04	Due Date: 6/28/04
What specific information and/or service are you requesting?	
Inspect vehicles and record information	
Geographic or Climatic Concern?	Southern and Western states (i.e. non-rust belt states).
What specific information do you want recorded (measurements, etc.)?	None. Remove and replace latch for engineering analysis.
Describe below the concern you are investigating – Include information about the nature and severity of the concern.	
<p>These parts are being collected to conduct engineering testing to support the NHTSA Inquiry PE04-033 regarding rear door latches on certain Focus vehicles. We would like to get back parts that do not exhibit any visible red rust and that are fairly clean (i.e. not a lot of dirt/grime in the fish mouth area of the latch).</p>	

#### Assignment Allocation Do Not Fill In – FQE Office Use Only

Assigned	FQE	Location	Assigned	FQE	Location
	Don Christoff	Florida		Tom Hecker	Minnesota
	Tony Colarossi	Co. Garages		Brian Howe	Nevada
	Dave Cox	Texas		Gordie Kaltz	California
	Tony Dionisi	Colorado		Dan Myers	Iowa
	John Dornka	Michigan		Tom Feeler	Georgia
	Dan Hamrick	Texas		Dave Pilgrim	Pennsylvania
	Mark Hayduk	Pennsylvania		Lynn Sorensen	Texas
	ALL			Ron Trower	Florida

ASSIGNMENT NO.

---

**From:** Burke, Pauline (P.F.)  
**Sent:** Monday, June 07, 2004 9:27 AM  
**To:** McDonald, Joseph (J.)  
**Cc:** Burke, Pauline (P.F.); Goodchild, Tim (T.O.)  
**Subject:** FQE help required

Hi Joe,

I have started working for Bharat Patel. We need your help on the following Focus Rear Door concern.

Please forward any questions to Tim or myself.

Thank you for your help.



FQEAssign Focus  
door.doc (49 K...

**Pauline Burke**  
**Critical Concern Engineer - NAC**  
**Phone/Fax: (313) 248-6312**  
**Text Pager (313) 795-3807**

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<b>Assignment Specifics</b>	
Model Year(s) 2000	Requestor's Name Tim Goodchild
Vehicle line(s) Ford Focus 4 door (sedan or wagon)	Phone Number [REDACTED]
Mileage range All mileage	Email Address [REDACTED]
Part number(s) XS41-A26412-A* XS41-A26412-B* XS41-A26413-A* XS41-A26413-B*	Pictures/CQIS Reports?
AWS R/1000	# of CQIS Reports? DTC's?
Date issued 6/7/04	Due Date: 6/28/04

**What specific information and/or service are you requesting?**

<b>Inspect vehicles and record information</b>	
Geographic or Climatic Concern?	Southern and Western states (i.e. non-rust belt states).
What specific information do you want recorded (measurements, etc.)?	None. Remove and replace latch for engineering analysis.

**Describe below the concern you are investigating – include information about the nature and severity of the concern.**

These parts are being collected to conduct engineering testing to support the NHTSA Inquiry PE04-033 regarding rear door latches on certain Focus vehicles. We would like to get back parts that do not exhibit any visible red rust and that are fairly clean (i.e. not a lot of dirt/grime in the fish mouth area of the latch).

**Assignment Allocation Do Not Fill In – FQE Office Use Only**

Assigned	FQE	Location	Assigned	FQE	Location
	Don Christoff	Florida		Tom Hecker	Minnesota
	Tony Colarossi	Co. Garages		Brian Howe	Nevada
	Dave Cox	Texas		Gordie Kaltz	California
	Tony Diocisi	Colorado		Dan Myers	Iowa
	John Dornka	Michigan		Tom Pealer	Georgia
	Dan Hammack	Texas		Dave Pilgrim	Pennsylvania
	Mark Hayduk	Pennsylvania		Lynn Sorensen	Texas
	ALL			Ron Trower	Florida

**ASSIGNMENT NO.**

---

**From:** Burke, Pauline (P.F.)  
**Sent:** Thursday, June 24, 2004 1:13 PM  
**To:** McDonald, Joseph (J.)  
**Cc:** Burke, Pauline (P.F.); Goodchild, Tim (T.O.)  
**Subject:** 2nd request for FQE help on Focus

**Importance:** High

Hi Joe,

Attached is a request for rusty rear door latches. We would like 30 sets of these as well as the "like new" ones you are already getting for us.

Please help us by expediting this work.



FQEAssign Focus  
door #2.doc (5...

Thank you very much.

Tim: I have filled this out for you, if you have any issues with the information, please respond ASAP. Thanks.

**Pauline Burke**  
**Critical Concern Engineer - NAC**  
**Phone/Fax (313) 248-6312**  
**Text Pager (313) 795-3807**

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Assignment Specifics	
Model Year(s) 2000	Requestor's Name: Tim Goodchild
Vehicle line(s) Ford Focus 4 door (sedan or wagon)	Phone Number (313) 390-0637
Mileage range All mileage	Email Address tgoodchi@ford.com
Part number(s) XS41-A26412-A* XS41-A26412-B* XS41-A26413-A* XS41-A26413-B*	Pictures/CQIS Reports?
AWS R/1000	# of CQIS Reports? DTCs?
Date Issued 6/24/04	Due Date: 7/8/04
<b>What specific information and/or service are you requesting?</b>	
<b>Inspect vehicles and record information</b>	
Geographic or Climatic Concern?	rust belt states
What specific information do you want recorded (measurements, etc.)?	None. Remove and replace latch for engineering analysis.
<b>Describe below the concern you are investigating – include information about the nature and severity of the concern.</b>	
<p>These parts are being collected to conduct engineering testing to support the NHTSA Inquiry PE04-033 regarding rear door latches on certain Focus vehicles. We would like to get back parts that exhibit LOTS of visible red rust and/or a lot of dirt/grime. Ideal case is that a customer is complaining about a bad latch.</p> <p>Please provide 30 parts per side (any of the part numbers listed).</p>	

Assignment Allocation Do Not Fill in – FQE Office Use Only					
Assigned	FQE	Location	Assigned	FQE	Location
	Don Christoff	Florida		Tom Hecker	Minnesota
	Tony Colarossi	Co. Garages		Brian Howe	Nevada
	Dave Cox	Texas		Gordie Kalz	California
	Tony Dionisi	Colorado		Dan Myers	Iowa
	John Domka	Michigan		Tom Peeler	Georgia
	Dan Hammack	Texas		Dave Pilgrim	Pennsylvania
	Mark Hayduk	Pennsylvania		Lyns Sorenson	Texas
	ALL			Ron Trower	Florida
<b>ASSIGNMENT NO.</b>					

EP04-023 6411

All shaded areas must be filled in to process your request.



### Request for Central Laboratory Services

15000 Century Dr., Dearborn, MI 48120-1267 FAX (313) 32-21614

Administrative Use Only	
Laboratory Number	Date

Primary Contact (Send report to) Mark A. Myers	Telephone 845-2509	CDS ID or E-mail MMYERS	FAX 390-5555
Secondary Contact Tim Goodchild	Telephone 390-0637	CDS ID or E-mail TGOODCH	FAX 390-0637

Primary Contact's Dept/Activity 3C102/4D 3033	Model Year 2004	Program Name Focus	Engine Name (if applicable)	Work Task # C24	Department # T353	GSDB Code (Non-Eng) 
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Nature of Investigation (Select the best one.)					Information Box (Requester Use)	
<input type="checkbox"/> Launch	<input type="checkbox"/> Material Cost Reduction	<input type="checkbox"/> Specification/Test Method Development			CPSC Code: 01.14.04	
<input type="checkbox"/> Production/Plant Concern	<input type="checkbox"/> Material Selection					
<input type="checkbox"/> Durability	<input type="checkbox"/> 6-Sigma	<input type="checkbox"/> Specification Compliance				
<input checked="" type="checkbox"/> Campaign/Recall	<input type="checkbox"/> Warranty	<input type="checkbox"/> Manufacturing Process Devt./Selection				
<input type="checkbox"/> Legal/Critical Concern	<input type="checkbox"/> Certification / Regulatory	<input type="checkbox"/> Purchase Order (External Customers)				

Engineering Forecasting Tool (EFT): <input type="checkbox"/> Prior to Job #1 plus 90 days (EFT)	<input type="checkbox"/> Greater than 90 days after Job #1 (Non-EFT)	Stop Testing Upon Failure? <input type="checkbox"/> No <input type="checkbox"/> Yes
--	--	--

**Samples - Laboratory number and date cannot be assigned without receipt of samples.**

Number of Samples 6	Sample Handling: Samples will be disposed of if not picked up within 30 days of receipt of final report.	Source
------------------------	---	--------

Sample or Component Name	Sample Identification (Must match number of samples.)	Ford Part Number (If applicable)	Material Specification (If applicable)	Supplier
Focus rear side door latch		NA	NA	Keykret

**Specific Testing Requirements/Additional Sample Information:**

Rear latches provided in APGB testing to FLTM B1-123-03. Samples need to be functioned once per cycle until failure or up to 10cycles.

The intent is to replicate failure being investigated by NHTSA for the latch being analyzed in #41578.

Customer Desired Due Date: 09/30/2004	Central Laboratory Expected Due Date:	<b>Report</b> (Check all that apply.) <input checked="" type="checkbox"/> E-mail a signed formal report. <input type="checkbox"/> E-mail an informal report. <input checked="" type="checkbox"/> Transact preliminary results.
--	---------------------------------------	--

Administrative Use Only - Initial Routing		
<input type="checkbox"/> Chemistry (313) 33-78277	<input type="checkbox"/> Metallurgy & Mechanical (313) 32-21613	<input checked="" type="checkbox"/> Polymers, Coatings & Corrosion (313) 59-46698

For information about services or assistance in completing this form, refer to the MET & S WEB page.  
(www.dearborn3.ford.com/met/s/mich/Central\_lab/building\_admin.htm)



---

**From:** Reeves, Scott (S.C.)  
**Sent:** Monday, June 07, 2004 7:45 AM  
**To:** Goodchild, Tim (T.O.)  
**Subject:** FW: FQE Parts Request

Tim, I just saw this. Do you want me to start filling out and send to you, or do you have a handle on it? Let me know.

**Scott Reeves**  
Closures Hardware  
Small FWD & RWD Car  
Phone: 313-206-2288  
E-Mail: sreaves2@ford.com

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

**From:** Burke, Pauline (P.F.)  
**Sent:** Friday, June 04, 2004 12:34 PM  
**To:** Reeves, Scott (S.C.)  
**Cc:** Burke, Pauline (P.F.)  
**Subject:** FW: FQE Parts Request

Hi Scott,

I see Tim is on vacation today. If you can take a shot at this and send it to Tim, we could save some time.

Thanks!

**Pauline Burke**  
**Critical Concern Engineer - NAC**  
**Phone/Fax: (313) 248-6312**  
**Text Pager (313) 795-3807**

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

**From:** Burke, Pauline (P.F.)  
**Sent:** Friday, June 04, 2004 12:30 PM  
**To:** Goodchild, Tim (T.O.)  
**Cc:** Burke, Pauline (P.F.)  
**Subject:** FW: FQE Parts Request

Hi Tim,

Please fill out this request for parts from our Field Quality Engineers. They have a meeting Monday morning at 10 a.m. in which they hand out requests.



FQEAssign.doc (32 KB)

Send the file back to me as soon as you can.

Thanks.

**Pauline Burke**  
**Critical Concern Engineer - NAC**

**Phone/Fax: (313) 248-6312**

**Text Pager (313) 795-3807**

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### FCSD Field Quality Engineer (FQE) Request

Complete the FQE Support Request section of the form below (green headers).

If you have questions, contact Maria Lovelace (Mlovela1 323-6561)

After the form is completed, save it on your hard drive and send via E-mail to: Maria Lovelace

FCSD FQEs are trained engineers, familiar with all subsystems and vehicles. They visit dealership Service Departments and other Ford and Lincoln-Mercury service locations and fleets daily. FQEs can provide the following support services: inspect vehicles for specific conditions; take photographs; recover and return failed components; locate vehicles for testing and/or inspection by other engineering personnel; perform test drives and record results.

Assignment Specifics	
Model Year(s)	Requestor's Name
Vehicle line(s)	Phone Number
Mileage range	Email Address
Part number(s)	Pictures/CQIS Reports?
AWS R/1000	# of CQIS Reports?      DTC's?
Date Issued	Due Date
<b>What specific information and/or service are you requesting?</b>	
<b>Inspect vehicles and record information</b>	
Geographic or Climatic Concern?	
What specific information do you want recorded (measurements, etc.)?	
<b>Describe below the concern you are investigating – include information about the nature and severity of the concern.</b>	

Assignment Allocation Do Not Fill In – FQE Office Use Only					
Assigned	FQE	Location	Assigned	FQE	Location
	Dan Christoff	Florida		Toni Hecker	Minnesota
	Tony Colarossi	Co. Garages		Brian Howe	Nevada
	Dave Cox	Texas		Gordie Kaltz	California
	Tony Dionisi	Colorado		Dan Myers	Iowa
	John Donica	Michigan		Toni Feeler	Georgia
	Dan Hamneck	Texas		Dave Pilgrim	Pennsylvania
	Mark Hayduk	Pennsylvania		Lynn Sorensen	Texas
	ALL			Ron Trower	Florida
<b>ASSIGNMENT NO.</b>					

---

**From:** Burke, Pauline (P.F.)  
**Sent:** Friday, June 04, 2004 12:30 PM  
**To:** Goodchild, Tim (T.O.)  
**Cc:** Burke, Pauline (P.F.)  
**Subject:** FW: FQE Parts Request

Hi Tim,

Please fill out this request for parts from our Field Quality Engineers. They have a meeting Monday morning at 10 a.m. in which they hand out requests.



FQEAssign.doc (43  
KB)

Send the file back to me as soon as you can.

Thanks.

**Pauline Burke**  
**Critical Concern Engineer - NAC**  
**Phone/Fax: (313) 248-6312**  
**Text Pager (313) 795-3807**

The information contained herein is FORD PROPRIETARY information and may include FORD CONFIDENTIAL information as defined in Ford's Global Information Standard II. Reproduction of this document, disclosure of the information, and use for any purpose other than the conduct of business with Ford is expressly prohibited.

### FCSD Field Quality Engineer (FQE) Request

Complete the FQE Support Request section of the form below (green headers).

If you have questions, contact Maria Lovelace (Mlovela1 323-6561)

After the form is completed, save it on your hard drive and send via E-mail to: Maria Lovelace

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Assignment Specifics	
Model Year(s) 2000	Requestor's Name Tim Goodchild
Vehicle line(s) Ford Focus	Phone Number (313) 390-0637
Mileage range All mileage	Email Address tgoodchi@ford.com
Part number(s) XS41-A26412-A* XS41-A26412-B* XS41-A26413-A* XS41-A26413-B*	Pictures/CQIS Reports?
AWS R/1000	# of CQIS Reports? DTC's?
Date issued	Due Date
<b>What specific information and/or service are you requesting?</b>	
<b>Inspect vehicles and record information</b>	
Geographic or Climatic Concern?	Southern and Western geography
What specific information do you want recorded (measurements, etc.)?	
<b>Describe below the concern you are investigating – include information about the nature and severity of the concern.</b>	
<p>These parts are being collected to conduct engineering testing to support the NHTSA Inquiry PE04-033 regarding rear door latches on certain Focus vehicles. We would like to get back parts that do not exhibit any visible red rust and that are fairly clean (not a lot of dirt/grime in the fish mouth area of the latch).</p>	

Assignment Allocation Do Not Fill In – FQE Office Use Only					
Assigned	FQE	Location	Assigned	FQE	Location
	Don Christoff	Florida		Tom Hecker	Minnesota
	Tony Colarusi	Co. Garages		Brian Howe	Nevada
	Dave Cox	Texas		Gordie Kaltz	California
	Tony Dionisi	Colorado		Dan Myers	Iowa
	John Domka	Michigan		Tom Peeler	Georgia
	Dan Hammack	Texas		Dave Pilgrim	Pennsylvania
	Mark Hayduk	Pennsylvania		Lynn Sotensen	Texas
	ALL			Ron Trower	Florida

**ASSIGNMENT NO.**

---

**From:** McDonald, Joseph (J.)  
**Sent:** Tuesday, August 10, 2004 2:02 PM  
**To:** Albrant, Mark (M.A.); Christoff, Donald (D.A.); Colarossi, Anthony (A.); Cox, David (D.M.); Dionisi, Anthony (A.J.); Domka, John (J.J.); Hayduk, Mark (M.S.); Howe, Brian (B.T.); Kaltz, Gordie (G.); Myers, Dan (D.P.); Peeler, Tom (T.H.); Pilgrim, Dave (D.A.); Trower, Ron (R.D.)  
**Subject:** Assignment 04-125

Please perform the attached assignment that was reviewed by John Domka.



req04-125.doc (44  
KB)

*Joe McDonald*  
PTS Q1 Panel Coordinator  
FCSD/Service Engineering Operations  
(313)317-8374  
(313)621-4017-Fax  
JMCDON27@ford.com

### FCSD Field Quality Engineer (FQE) Request

Complete the FQE Support Request section of the form below (green headers).

If you have questions, contact Maria Lovelace (Mlovela1 317-6309)

After the form is completed, save it on your hard drive and send via E-mail to: Maria Lovelace

FCSD FQEs are trained engineers, familiar with all subsystems and vehicles. They visit dealership Service Departments and other Ford and Lincoln-Mercury service locations and fleets daily. FQEs can provide the following support services: Inspect vehicles for specific conditions; take photographs; recover and return failed components; locate vehicles for testing and/or inspection by other engineering personnel; perform test drives and record results.

Assignment Specifics	
Model Year(s) 04, 05	Requestor's Name - Point: Ron Lovasz Secondary: Randy Ford
Vehicle line(s) Ford Focus	Phone Number - Point: 313-323-5466 / 313-851-5602 pager Secondary: 734-467-0290
Mileage range All	Email Address rlovasz@ford.com Secoad: rford17@ford.com
Part number(s) 5421812, 5421813, 5426412, 5426413,	Pictures/CQIS Reports? Yes
Part Usage - Last 90 Days? 11582	
Date Issued 8/11/2004	Due Date 9/17/2004
What specific information and/or service are you requesting?	
Inspect vehicles and record information	
What specific information do you want recorded (measurements, etc.)?	Notification when vehicle is brought in for repair
Describe below the concern you are investigating - include information about the nature and severity of the concern.	
<ul style="list-style-type: none"> <li>• When a MY04 or MY05 Ford Focus arrives with an Exterior Door Lock Controls Power or Interior Door Lock Controls Power issue, please notify Ford Engineering to review the vehicle prior to repair.</li> <li>• Ford Engineering will review the vehicle and visit if it is with 50 miles of Dearborn. Then ask the technician to remove the entire Latch Assy for further analysis.</li> <li>• If by chance a dealership already has a vehicle that has been repaired and the parts are available (not totally disassembled), send the part to engineering with the CQIS report.</li> </ul>	
<p>Ford Engineering Contacts:                      Primary: Ron Lovasz (rlovasz@ford.com) 313-323-5466 / 313-851-5602 pager                      Secondary: Randy Ford (rford17@ford.com) 734-467-0290                      Ship parts to:                      Ford Motor Company                      20000 Rotunda Drive                      Building #1                      Mail Drop 1148                      Cube 12H100                      Dearborn, MI 48121-2053                      Attn: Ron Lovasz</p>	

Assignment Allocation Do Not Fill In - FQE Office Use Only					
Assigned	FQE	Location	Assigned	FQE	Location
	Don Christoff	Florida		Brian Howe	Nevada
	Tony Colarossi	Co. Garages		Gordis Kaltr	California
	Dave Cox	Texas		Dan Myers	Iowa
	Tony Dionisi	Colorado		Tom Peeler	Georgia
	John Donika	Michigan		Dave Pilgrim	Pennsylvania
	Mark Haydak	Pennsylvania		Roe Trower	Florida
XXXXX	ALL				
<b>ASSIGNMENT NO. 04-125</b>					

---

**From:** McDonald, Joseph (J.)  
**Sent:** Wednesday, June 09, 2004 11:57 AM  
**To:** Christoff II, Donald (D.A.); Colarossi, Anthony (A.); Cox, David (D.M.); Dionisi, Anthony (A.J.); Domka, John (J.J.); Hayduk, Mark (M.S.); Howe, Brian (B.T.); Kaltz, Gordie (G.); Myers, Dan (D.P.); Peeler, Tom (T.H.); Pilgrint, Dave (D.A.); Trower, Ron (R.D.)  
**Subject:** Assignment 04-86

Please perform the attached assignment that was reviewed by John Domka. Thanks!



req04-86.doc (36  
KB)

*Joe McDonald*  
PTS Q1 Panel Coordinator  
FCSD/Service Engineering Operations  
(313)317-9374  
(313)821-4017-Fax  
JMCDON27@ford.com



### FCSD Field Quality Engineer (FQE) Request

Complete the FQE Support Request section of the form below (green headers).

If you have questions, contact Maria Lovelace (MLovela1 323-6561)

After the form is completed, save it on your hard drive and send via E-mail to: Maria Lovelace

FCSD FQEs are trained engineers, familiar with all subsystems and vehicles. They visit dealership Service Departments and other Ford and Lincoln-Mercury service locations and fleets daily. FQEs can provide the following support services: Inspect vehicles for specific conditions; take photographs; recover and return failed components; locate vehicles for testing and/or inspection by other engineering personnel; perform test drives and record results.

Assignment Specifics	
Model Year(s) 2000	Requestor's Name Tim Goodchild
Vehicle line(s) Ford Focus 4 door (sedan or wagon).	Phone Number (313) 390-0637
Mileage range All mileage	Email Address tgoodchi@ford.com
Part number(s) XS41-A26412-A* XS41-A26412-B* XS41-A26413-A* XS41-A26413-B*	Pictures/CQIS Reports?
AWS R/1000	# of CQIS Reports? DTC's?
Date Issued 6/10/04	Due Date: 6/30/04
What specific information and/or service are you requesting?	
Inspect vehicles and record information	
Geographic or Climatic Concern?	Southern and Western states (i.e. non-rust belt states).
What specific information do you want recorded (measurements, etc.)?	None. Remove and replace latch for engineering analysis.
Describe below the concern you are investigating – include information about the nature and severity of the concern.	
<p>These parts are being collected to conduct engineering testing to support the NHTSA Inquiry PE04-033 regarding rear door latches on certain Focus vehicles. We would like to get back parts that do not exhibit any visible red rust and that are fairly clean (i.e. not a lot of dirt/grime in the fish mouth area of the latch). The fish mouth area is the portion where the striker meets the latch.</p> <p>Parts should be replaced and charged under Charlie Kopeika's LO6 account per Charlie. If possible try to obtain parts from used cars so they are not being taken from customer vehicles. 30 rear latches from each side are required for a total of 60. Each FQE collects 5 rear latches from each side. Label the latches left and right, then mail to: Tim Goodchild 4084 Sarah Ann Drive Canton, MI 48188</p>	

Assignment Allocation Do Not Fill In – FQE Office Use Only					
Assigned	FQE	Location	Assigned	FQE	Location
X	Don Christoff	Florida	X	Brian Hows	Nevada
	Tony Colarossi	Co. Garages	X	Gordie Keltz	California
X	Dave Cox	Texas		Dan Myers	Iowa
	Tony Dionisi	Colorado	X	Tom Peeler	Georgia
	John Domka	Michigan		Dave Pilgrim	Pennsylvania
	Mark Hayduk	Pennsylvania	X	Ron Trower	Florida
	ALL				

ASSIGNMENT NO. 04-86

---

**From:** McDonald, Joseph (J.)  
**Sent:** Thursday, June 24, 2004 9:59 AM  
**To:** Christoff, Donald (D.A.); Colarossi, Anthony (A.); Cox, David (D.M.); Dionisi, Anthony (A.J.); Domka, John (J.J.); Heyduk, Mark (M.S.); Howe, Brian (B.T.); Kaitz, Gordie (G.); Albrant, Mark (M.A.); Myers, Dan (D.P.); Peeler, Tom (T.H.); Pilgrim, Dave (D.A.); Trower, Ron (R.D.)  
**Subject:** Assignment 04-86 Update

This assignment has been updated to charge the parts and labor to L04 instead of L06. If you have already advised the dealer to charge to L06 it will be kicked back with comments, saying they need an approval code. Please inform these dealer to use L04 instead. Sorry about the confusion.....



req04-86.doc (37  
KB)

*Joe McDonald*  
PTS Q1 Panel Coordinator  
FCSD/Service Engineering Operations  
(313)317-9374  
(313)621-4017-Fax  
JMCDON27@ford.com

**FCSD Field Quality Engineer (FQE) Request**

Complete the FQE Support Request section of the form below (green headers).

If you have questions, contact Maria Lovelace (Mlovela: 323-6561)

After the form is completed, save it on your hard drive and send via E-mail to: Maria Lovelace

FCSD FQEs are trained engineers, familiar with all subsystems and vehicles. They visit dealership Service Departments and other Ford and Lincoln-Mercury service locations and fleets daily. FQEs can provide the following support services: Inspect vehicles for specific conditions; take photographs; recover and return failed components; locate vehicles for testing and/or inspection by other engineering personnel; perform test drives and record results.

Assignment Specifics	
Model Year(s) 2000	Requestor's Name Tim Goodchild
Vehicle line(s) Ford Focus 4 door (sedan or wagon.	Phone Number (313) 390-0637
Mileage range All mileage	Email Address tgoodchi@ford.com
Part number(s) XS41-A26412-A* XS41-A26412-B* XS41-A26413-A* XS41-A26413-B*	Pictures/CQIS Reports?
AWS R/1000	# of CQIS Reports? DTC's?
Date Issued 6/10/04	Due Date: 6/30/04
<b>What specific information and/or service are you requesting?</b>	
<b>Inspect vehicles and record information</b>	
Geographic or Climatic Concern?	Southern and Western states (i.e. non-rust belt states).
What specific information do you want recorded (measurements, etc.)?	None. Remove and replace latch for engineering analysis.
<b>Describe below the concern you are investigating - include information about the nature and severity of the concern.</b>	
<p>These parts are being collected to conduct engineering testing to support the NHTSA Inquiry PE04-033 regarding rear door latches on certain Focus vehicles. We would like to get back parts that do not exhibit any visible red rust and that are fairly clean (i.e. not a lot of dirt/grime in the fish mouth area of the latch). The fish mouth area is the portion where the striker meets the latch.</p> <p>Parts should be replaced and charged under the L04 account. If possible try to obtain parts from used cars so they are not being taken from customer vehicles. 30 rear latches from each side are required for a total of 60. Each FQE collects 5 rear latches from each side. Label the latches left and right, then mail to:</p> <p>Tim Goodchild 4084 Sarah Ann Drive Canton, MI 48188</p>	

Assignment Allocation Do Not Fill In - FQE Office Use Only					
Assigned	FQE	Location	Assigned	FQE	Location
X	Don Christoff	Florida	X	Brian Howe	Nevada
	Tony Colarossi	Co. Garages	X	Gordic Kaltz	California
X	Dave Cox	Texas		Dan Myers	Iowa
	Tony Dionisi	Colorado	X	Tom Peeler	Georgia
	John Domka	Michigan		Dave Pilgrim	Pennsylvania
	Mark Hayduk	Pennsylvania	X	Ron Trower	Florida
	ALL				

ASSIGNMENT NO. 04-86

---

**From:** McDonald, Joseph (J.)  
**Sent:** Friday, July 02, 2004 3:52 PM  
**To:** Christoff, Donald (D.A.); Colarossi, Anthony (A.); Cox, David (D.M.); Dianisi, Anthony (A.J.);  
Domka, John (J.J.); Hayduk, Mark (M.S.); Howe, Brian (B.T.); Kaltz, Gordie (G.); Albrant,  
Mark (M.A.); Myers, Dan (D.P.); Peeler, Tom (T.H.); Pilgrim, Dave (D.A.); Trower, Ron (R.D.)  
**Subject:** Assignment 04-92

This assignment is being expanded to include 2000-2002 latches. Please mark the year on the tag when returning.



req04-92.doc (37  
KB)

*Joe McDonald*

**PTS Q1 Panel Coordinator**  
**FCSD/Service Engineering Operations**  
**(313)317-9374**  
**(313)621-4017-Fax**  
**JMCDON27@ford.com**

### FCSD Field Quality Engineer (FQE) Request

Complete the FQE Support Request section of the form below (green headers).

If you have questions, contact Maria Lovelace (Mlovela1 323-6561)

After the form is completed, save it on your hard drive and send via E-mail to: Maria Lovelace

FCSD FQEs are trained engineers, familiar with all subsystems and vehicles. They visit dealership Service Departments and other Ford and Lincoln-Mercury service locations and fleets daily. FQEs can provide the following support services: Inspect vehicles for specific conditions; take photographs; recover and return failed components; locate vehicles for testing and/or inspection by other engineering personnel; perform test drives and record results.

<b>Assignment Specifics</b>	
Model Year(s) 2000-2002	Requestor's Name Tim Goodchild
Vehicle line(s) Ford Focus 4 door (sedan or wagon).	Phone Number (313) 390-0637
Mileage range All mileage	Email Address tgoodchi@ford.com
Part number(s) XS41-A26412-A* XS41-A26412-B* XS41-A26413-A* XS41-A26413-B*	Pictures/CQIS Reports?
AWS R/1000	# of CQIS Reports? DTC's?
Date issued 6/25/04	Due Date: 7/8/04

#### What specific information and/or service are you requesting?

<b>Inspect vehicles and record information</b>	
Geographic or Climatic Concern?	rust belt states
What specific information do you want recorded (measurements, etc.)?	None. Remove and replace latch for engineering analysis.

#### Describe below the concern you are investigating - include information about the nature and severity of the concern.

These parts are being collected to conduct engineering testing to support the NHTSA Inquiry PE04-033 regarding rear door latches on certain Focus vehicles. We would like to get back parts that exhibit LOTS of visible red rust and/or a lot of dirt/grime. Ideal case is that a customer is complaining about a bad latch.

Please provide 30 parts per side (any of the part numbers listed).

Parts should be replaced and charged under the L04 account. If possible try to obtain parts from used cars so they are not being taken from customer vehicles. 30 rear latches from each side are required for a total of 60. Each FQE try to collect 6 rear latches from each side. Label the latches left and right, fill out Etracker and then mail to:

Tim Goodchild  
4084 Sarah Ann Drive  
Canton, MI 48188

***Please send the parts as soon as they are received.***

Assignment Allocation Do Not Fill In - FQE Office Use Only					
Assigned	FQE	Location	Assigned	FQE	Location
	Don Christoff	Florida		Brian Howe	Nevada
	Tony Colarossi	Co. Garages		Gordie Kaltz	California
	Dave Cox	Texas	X	Dan Myers	Iowa
	Tony Dimisi	Colorado		Tom Peeler	Georgia
X	John Domka	Michigan	X	Dave Pilgrim	Pennsylvania
X	Mark Hayduk	Pennsylvania	X	Ron Trower	Florida
	ALL				

Assignment No. 04-92

---

From: Lovasz, Ron (R.)  
Sent: Friday, August 06, 2004 1:23 PM  
To: McDonald, Joseph (J.)  
Cc: Ford, Randy (R.)  
Subject: FQE Request for Focus

Joe,

Attached is a FQE Request for the Ford Focus - Side Door Latch Issue. Engineering would like to be contacted when a vehicle comes into service for the Exterior / Interior Door Lock Control Power. Essentially, anytime there is an issue with the side door latch and difficulty in opening the door from inside or outside the vehicle engineering wants to know about it.

Please take a look at the FQER and let me know if there are any questions.

Thanks in advance for your help



FCSD-FQERrequest  
- Ford Focus S..

*RON LOVASZ*

VFC Leader - Body Hardware  
Small FWD & RWD Body Engineering  
Phone / Fax: 313-32-35466  
Pager: 313-851-5602  
Email: rlovasz@ford.com

**FCSD Field Quality Engineer (FQE) Request**

Complete the FQE Support Request section of the form below (green headers).

If you have questions, contact Maria Lovelace (Mlovela1 317-6309)

After the form is completed, save it on your hard drive and send via E-mail to: Maria Lovelace

FCSD FQEs are trained engineers, familiar with all subsystems and vehicles. They visit dealership Service Departments and other Ford and Lincoln-Mercury service locations and fleets daily. FQEs can provide the following support services: Inspect vehicles for specific conditions; take photographs; recover and return failed components; locate vehicles for testing and/or inspection by other engineering personnel; perform test drives and record results.

<b>Assignment Specifics</b>	
Model Year(s) 04, 05	Requestor's Name - Point: Ron Lovasz Secondary: Randy Ford
Vehicle line(s) Ford Focus	Phone Number - Point: 313-323-5466 / 313-851-5602 pager Secondary: 734-467-0290
Mileage range All	Email Address - Point: rlovasz@ford.com Secondary: rford17@ford.com
Part number(s) 5421812, 5421813, 5426412, 5426413,	Pictures/CQIS Reports? No
AWS R/1000	# of CQIS Reports? DTC's?
Top 50 Dealer Run Attached Yes/No	Vehicle Population
Part Usage - Last 90 Days? 11582	
Date Issued	Due Date
<b>What specific information and/or services are you requesting?</b>	
<b>Inspect vehicles and record information</b>	
Geographic or Climatic Concern?	No
What specific information do you want recorded (measurements, etc.)?	Notification when vehicle is brought in for repair

**Describe below the concern you are investigating -- include information about the nature and severity of the concern.**

- When a MY04 or MY05 Ford Focus arrives with an Exterior Door Lock Controls Power or Interior Door Lock Controls Power issue, please notify Ford Engineering to review the vehicle prior to repair.
- Ford Engineering will review the vehicle and ask the technician to remove the entire Latch assy for further analysis.
- If by chance a dealership already has a vehicle that has been repaired and the parts are available (not totally disassembled), contact Ford Engineering and arrangements will be made to acquire the parts for analysis.

**Ford Engineering Contacts:**

Primary: Ron Lovasz ([rlovasz@ford.com](mailto:rlovasz@ford.com)) 313-323-5466 / 313-851-5602 pager

Secondary: Randy Ford ([rford17@ford.com](mailto:rford17@ford.com)) 734-467-0290

**Ship parts to:**

Ford Motor Company

20000 Rotunda Drive

Building #1

Mail Drop 1148

Cube 12H100

Dearborn, Mi. 48121-2053

Attn: Ron Lovasz

**Assignment Allocation Do Not Fill In - FQE Office Use Only**

Assigned	FQE	Location	Assigned	FQE	Location
	Don Christoff	Florida		Brian Howe	Nevada
	Tony Colarossi	Co. Garages		Gordie Kaitz	California
	Dave Cox	Texas		Dan Myers	Iowa
	Tony Dionisi	Colorado		Tom Peeler	Georgia
	John Domka	Michigan		Dave Pilgrim	Pennsylvania
	Mark Hayduk	Pennsylvania		Ron Trower	Florida
	ALL				
<b>ASSIGNMENT NO.</b>					



---

**From:** Burke, Pauline (P.F.)  
**Sent:** Monday, June 07, 2004 10:54 AM  
**To:** McDonald, Joseph (J.)  
**Cc:** Burke, Pauline (P.F.)  
**Subject:** FW: FQE help required

Hi Joe,

Sorry. We forgot to mention the number of parts. 30 parts per side (any of the part numbers listed).

Please label parts (left/right).

Thanks again.

**Pauline Burke**  
**Critical Concern Engineer - NAC**  
**Phone/Fax: (313) 248-6312**  
**Text Pager (313) 795-3807**

*The information contained herein is FORD PROPRIETARY information and may include FORD CONFIDENTIAL information as defined in Ford's Global Information Standard II. Reproduction of this document, disclosure of the information, and use for any purpose other than the conduct of business with Ford is expressly prohibited.*

—Original Message—

**From:** Burke, Pauline (P.F.)  
**Sent:** Monday, June 07, 2004 9:27 AM  
**To:** McDonald, Joseph (J.)  
**Cc:** Burke, Pauline (P.F.); Goodchild, Tim (T.O.)  
**Subject:** FQE help required

Hi Joe,

I have started working for Bharat Patel. We need your help on the following Focus Rear Door concern.

Please forward any questions to Tim or myself.

Thank you for your help.



FQEAssign Focus  
door.doc (49 K..)

**Pauline Burke**  
**Critical Concern Engineer - NAC**  
**Phone/Fax: (313) 248-6312**  
**Text Pager (313) 795-3807**

*The information contained herein is FORD PROPRIETARY information and may include FORD CONFIDENTIAL information as defined in Ford's Global Information Standard II. Reproduction of this document, disclosure of the information, and use for any purpose other than the conduct of business with Ford is expressly prohibited.*

### FCSD Field Quality Engineer (FQE) Request

Complete the FQE Support Request section of the form below (green headers).

If you have questions, contact Maria Lovelace (Mlovela1 323-6561)

After the form is completed, save it on your hard drive and send via E-mail to: [Maria Lovelace](mailto:Maria.Lovelace)

FCSD FQEs are trained engineers, familiar with all subsystems and vehicles. They visit dealership Service Departments and other Ford and Lincoln-Mercury service locations and fleets daily. FQEs can provide the following support services: inspect vehicles for specific conditions; take photographs; recover and return failed components; locate vehicles for testing and/or inspection by other engineering personnel; perform test drives and record results.

<b>Assignment Specifics</b>	
Model Year(s) 2000	Requestor's Name Tim Goodchild
Vehicle line(s) Ford Focus 4 door (sedan or wagon)	Phone Number (313) 390-0637
Mileage range All mileage	Email Address tgoodchi@ford.com
Part number(s) XS41-A26412-A* XS41-A26412-B* XS41-A26413-A* XS41-A26413-B*	Pictures/CQIS Reports?
AWS R/1000	# of CQIS Reports? DTC's?
Date Issued 6/7/04	Due Date: 6/28/04
<b>What specific information and/or service are you requesting?</b>	
<b>Inspect vehicles and record information</b>	
Geographic or Climatic Concern?	Southern and Western states (i.e. non-rust belt states).
What specific information do you want recorded (measurements, etc.)?	None. Remove and replace latch for engineering analysis.
<b>Describe below the concern you are investigating - include information about the nature and severity of the concern.</b>	
These parts are being collected to conduct engineering testing to support the NHTSA Inquiry PE04-033 regarding rear door latches on certain Focus vehicles. We would like to get back parts that do not exhibit any visible red rust and that are fairly clean (i.e. not a lot of dirt/grime in the fish mouth area of the latch).	

Assignment Allocation Do Not Fill In - FQE Office Use Only					
Assigned	FQE	Location	Assigned	FQE	Location
	Don Christoff	Florida		Tom Hacker	Minnesota
	Tony Colarossi	Co. Garages		Brian Howe	Nevada
	Dave Cox	Texas		Gordie Kaltz	California
	Tony Dionisi	Colorado		Dan Myers	Iowa
	John Domka	Michigan		Tom Peeler	Georgia
	Dan Hammack	Texas		Dave Pilgrim	Pennsylvania
	Mark Hayduk	Pennsylvania		Lynn Sorenson	Texas
	ALL			Ron Trower	Florida

ASSIGNMENT NO.

---

**From:** Burke, Pauline (P.F.)  
**Sent:** Thursday, June 24, 2004 1:13 PM  
**To:** McDonald, Joseph (J.)  
**Cc:** Burke, Pauline (P.F.); Goodchild, Tim (T.O.)  
**Subject:** 2nd request for FQE help on Focus

**Importance:** High

Hi Joe,

Attached is a request for rusty rear door latches. We would like 30 sets of these as well as the "like new" ones you are already getting for us.

Please help us by expediting this work.



FQEAssign Focus  
door #2.doc (5...

Thank you very much.

**Tim: I have filled this out for you, if you have any issues with the information, please respond ASAP. Thanks.**

**Pauline Burke**  
**Critical Concern Engineer - NAC**  
**Phone/Fax: (313) 248-6312**  
**Text Pager (313) 795-3807**

*The information contained herein is FORD PROPRIETARY information and may include FORD CONFIDENTIAL information as defined in Ford's Global Information Standard II. Reproduction of this document, disclosure of the information, and use for any purpose other than the conduct of business with Ford is expressly prohibited.*

### FCSD Field Quality Engineer (FQE) Request

Complete the FQE Support Request section of the form below (green headers).

If you have questions, contact Maria Lovelace (Mlovela1 323-6561)

After the form is completed, save it on your hard drive and send via E-mail to: [Maria Lovelace](mailto:Maria.Lovelace)

FCSD FQEs are trained engineers, familiar with all subsystems and vehicles. They visit dealership Service Departments and other Ford and Lincoln-Mercury service locations and fleets daily. FQEs can provide the following support services: Inspect vehicles for specific conditions; take photographs; recover and return failed components; locate vehicles for testing and/or inspection by other engineering personnel; perform test drives and record results.

Assignment Specifics	
Model Year(s) 2000	Requestor's Name Tim Goodchild
Vehicle line(s) Ford Focus 4 door (sedan or wagon.	Phone Number (313) 390-0637
Mileage range All mileage	Email Address tgoodchi@ford.com
Part number(s) XS41-A26412-A* XS41-A26412-B* XS41-A26413-A* XS41-A26413-B*	Pictures/CQIS Reports?
AWS R/1000	# of CQIS Reports? DTC's?
Date Issued 6/24/04	Due Date: 7/8/04
<b>What specific information and/or service are you requesting?</b>	
<b>Inspect vehicles and record information</b>	
Geographic or Climatic Concern?	rust belt states
What specific information do you want recorded (measurements, etc.)?	None. Remove and replace latch for engineering analysis.
<b>Describe below the concern you are investigating – include information about the nature and severity of the concern.</b>	
These parts are being collected to conduct engineering testing to support the NHTSA Inquiry PR04-033 regarding rear door latches on certain Focus vehicles. We would like to get back parts that exhibit LOTS of visible red rust and/or a lot of dirt/grime. Ideal case is that a customer is complaining about a bad latch.	
Please provide 30 parts per side (any of the part numbers listed).	

Assignment Allocation Do Not Fill In – FQE Office Use Only					
Assigned	FQE	Location	Assigned	FQE	Location
	Don Christoff	Florida		Tom Hecker	Minnesota
	Tony Colarossi	Co. Garages		Brian Howe	Nevada
	Dave Cox	Texas		Gordie Kartz	California
	Tony Dionisi	Colorado		Dan Myers	Iowa
	John Domka	Michigan		Tom Peeler	Georgia
	Dan Hammack	Texas		Dave Pilgrim	Pennsylvania
	Mark Haydak	Pennsylvania		Lynn Sorensen	Texas
	ALL			Ron Trower	Florida
<b>ASSIGNMENT NO.</b>					

---

**From:** McDonald, Joseph (J.)  
**Sent:** Wednesday, June 09, 2004 11:57 AM  
**To:** Christoff II, Donald (D.A.); Colarossi, Anthony (A.); Cox, David (D.M.); Dionisi, Anthony (A.J.); Domka, John (J.J.); Hayduk, Mark (M.S.); Howe, Brian (B.T.); Kaltz, Gordie (G.); Myers, Dan (D.P.); Peeler, Tom (T.H.); Pilgrim, Dave (D.A.); Trower, Ron (R.D.)  
**Subject:** Assignment 04-86

Please perform the attached assignment that was reviewed by John Domka. Thanks!



req04-86.doc (36  
KB)

*Joe McDonald*  
PTS Q1 Panel Coordinator  
FCSD/Service Engineering Operations  
(313)317-9374  
(313)621-4017-Fax  
JMCDON27@ford.com

### FCSD Field Quality Engineer (FQE) Request

Complete the FQE Support Request section of the form below (green headers).

If you have questions, contact Maria Lovelace (Mlovela1 323-6561)

After the form is completed, save it on your hard drive and send via E-mail to: [Maria Lovelace](mailto:Maria.Lovelace)

FCSD FQEs are trained engineers, familiar with all subsystems and vehicles. They visit dealership Service Departments and other Ford and Lincoln-Mercury service locations and fleets daily. FQEs can provide the following support services: inspect vehicles for specific conditions; take photographs; recover and return failed components; locate vehicles for testing and/or inspection by other engineering personnel; perform test drives and record results.

Assignment Specifics	
Model Year(s) 2000	Requestor's Name Tim Goodchild
Vehicle line(s) Ford Focus 4 door (sedan or wagon)	Phone Number (313) 390-0637
Mileage range All mileage	Email Address tgoodchi@ford.com
Part number(s) XS41-A26412-A* XS41-A26412-B* XS41-A26413-A* XS41-A26413-B*	Pictures/CQIS Reports?
AWS R/1000	# of CQIS Reports? DTC's?
Date Issued 6/10/04	Due Date: 6/30/04
<b>What specific information and/or service are you requesting?</b>	
<b>Inspect vehicles and record information</b>	
Geographic or Climatic Concern?	Southern and Western states (i.e. non-rust belt states).
What specific information do you want recorded (measurements, etc.)?	None. Remove and replace latch for engineering analysis.
<b>Describe below the concern you are investigating – include information about the nature and severity of the concern.</b>	
<p>These parts are being collected to conduct engineering testing to support the NHTSA Inquiry PE04-033 regarding rear door latches on certain Focus vehicles. We would like to get back parts that do not exhibit any visible red rust and that are fairly clean (i.e. not a lot of dirt/grime in the fish mouth area of the latch). The fish mouth area is the portion where the striker meets the latch.</p> <p>Parts should be replaced and charged under Charlie Kopeika's L06 account per Charlie. If possible try to obtain parts from used cars so they are not being taken from customer vehicles. 30 rear latches from each side are required for a total of 60. Each FQE collects 5 rear latches from each side. Label the latches left and right, then mail to:                      Tim Goodchild                      4084 Sarah Ann Drive                      Canton, MI 48188</p>	

Assignment Allocation Do Not Fill In – FQE Office Use Only					
Assigned	FQE	Location	Assigned	FQE	Location
X	Don Christoff	Florida	X	Brian Howe	Nevada
	Tony Colarossi	Co. Garages	X	Gordie Kaltz	California
X	Dave Cox	Texas		Dan Myers	Iowa
	Tony Dionisi	Colorado	X	Tom Peeler	Georgia
	John Dorala	Michigan		Dave Pilgrim	Pennsylvania
	Mark Hayduk	Pennsylvania	X	Ron Trower	Florida
	ALL				
<b>ASSIGNMENT NO. 04-86</b>					

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**From:** McDonald, Joseph (J.)  
**Sent:** Thursday, June 24, 2004 9:59 AM  
**To:** Christoff II, Donald (D.A.); Colarossi, Anthony (A.); Cox, David (D.M.); Dionisi, Anthony (A.J.); Domka, John (J.J.); Hayduk, Mark (M.S.); Howe, Brian (B.T.); Kaltz, Gordie (G.); Albrant, Mark (M.A.); Myers, Dan (D.P.); Peeler, Tom (T.H.); Pilgrim, Dave (D.A.); Trower, Ron (R.D.)  
**Subject:** Assignment 04-86 Update

This assignment has been undated to charge the parts and labor to L04 instead of L06. If you have already advised the dealer to charge to L06 it will be kicked back with comments, saying they need an approval code. Please inform these dealer to use L04 instead. Sorry about the confusion.....



req04-86.doc (37 KB)

*Joe McDonald*  
PTS Q1 Panel Coordinator  
FCSD/Service Engineering Operations  
(313)317-9374  
(313)621-4017-Fax  
JMCDON27@ford.com

### FCSD Field Quality Engineer (FQE) Request

Complete the FQE Support Request section of the form below (green headers).

If you have questions, contact Maria Lovelace (Mlovela1 323-6561)

After the form is completed, save it on your hard drive and send via E-mail to: Maria Lovelace

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Assignment Specifics	
Model Year(s) 2000	Requestor's Name: Tim Goodchild
Vehicle line(s) Ford Focus 4 door (sedan or wagon).	Phone Number (313) 390-0637
Mileage range All mileage	Email Address tgoodchi@ford.com
Part number(s) XS41-A26412-A* XS41-A26412-B* XS41-A26413-A* XS41-A26413-B*	Pictures/CQIS Reports?
AWS R/1000	# of CQIS Reports? DTC's?
Date Issued 6/10/04	Due Date: 6/30/04
What specific information and/or service are you requesting?	
Inspect vehicles and record information	
Geographic or Climatic Concern?	Southern and Western states (i.e. non-rust belt states).
What specific information do you want recorded (measurements, etc.)?	None. Remove and replace latch for engineering analysis.
Describe below the concern you are investigating – include information about the nature and severity of the concern.	
<p>These parts are being collected to conduct engineering testing to support the NHTSA Inquiry PE04-033 regarding rear door latches on certain Focus vehicles. We would like to get back parts that do not exhibit any visible red rust and that are fairly clean (i.e. not a lot of dirt/grime in the fish mouth area of the latch). The fish mouth area is the portion where the striker meets the latch.</p> <p>Parts should be replaced and charged under the L04 account. If possible try to obtain parts from used cars so they are not being taken from customer vehicles. 30 rear latches from each side are required for a total of 60. Each FQE collects 5 rear latches from each side. Label the latches left and right, then mail to:</p> <p>Tim Goodchild 4084 Sarah Ann Drive Canton, MI 48188</p>	

Assignment Allocation Do Not Fill in – FQE Office Use Only					
Assigned	FQE	Location	Assigned	FQE	Location
X	Don Christoff	Florida	X	Brian Howe	Nevada
	Tony Colarossi	Co. Garages	X	Gordie Kaltz	California
X	Dave Cox	Texas		Dan Myers	Iowa
	Tony Dionisi	Colorado	X	Tom Pecker	Georgia
	John Dornka	Michigan		Dave Pilgrim	Pennsylvania
	Mark Hayduk	Pennsylvania	X	Ron Trower	Florida
	ALL				

ASSIGNMENT NO. 04-86



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**From:** McDonald, Joseph (J.)  
**Sent:** Thursday, June 24, 2004 3:00 PM  
**To:** Christoff II, Donald (D.A.); Colarossi, Anthony (A.); Cox, David (D.M.); Dionisi, Anthony (A.J.); Domka, John (J.J.); Hayduk, Mark (M.S.); Howe, Brian (B.T.); Kaltz, Gordie (G.); Albrant, Mark (M.A.); Myers, Dan (D.P.); Peeler, Tom (T.H.); Pilgrim, Dave (D.A.); Trower, Ron (R.D.)  
**Subject:** Assignment 04-92

Attached is a new assignment that is similar to 04-86.



req04-92.doc (36  
KB)

*Joe McDonald*  
PTS Q1 Panel Coordinator  
FCSD/Service Engineering Operations  
(313)317-9374  
(313)621-4017-Fax  
JMCDON27@ford.com

### FCSD Field Quality Engineer (FQE) Request

Complete the FQE Support Request section of the form below (green headers).

If you have questions, contact Maria Lovelace (MLovelac 323-6561)

After the form is completed, save it on your hard drive and send via E-mail to: Maria Lovelace

FCSD FQEs are trained engineers, familiar with all subsystems and vehicles. They visit dealership Service Departments and other Ford and Lincoln-Mercury service locations and fleets daily. FQEs can provide the following support services: Inspect vehicles for specific conditions; take photographs; recover and return failed components; locate vehicles for testing and/or inspection by other engineering personnel; perform test drives and record results.

Assignment Specifics	
Model Year(s) 2000	Requestor's Name Tim Goodchild
Vehicle line(s) Ford Focus 4 door (sedan or wagon)	Phone Number (313) 390-0637
Mileage range All mileage	Email Address tgoodchi@ford.com
Part number(s) XS41-A26412-A* XS41-A26412-B* XS41-A26413-A* XS41-A26413-B*	Pictures/CQIS Reports?
AWS R/1000	# of CQIS Reports? DTCs?
Date Issued 6/25/04	Due Date: 7/8/04
<b>What specific information and/or service are you requesting?</b>	
<b>Inspect vehicles and record information</b>	
Geographic or Climatic Concern?	rust belt states
What specific information do you want recorded (measurements, etc.)?	None. Remove and replace latch for engineering analysis.
<b>Describe below the concern you are investigating – include information about the nature and severity of the concern.</b>	
<p>These parts are being collected to conduct engineering testing to support the NHTSA inquiry PE04-033 regarding rear door latches on certain Focus vehicles. We would like to get back parts that exhibit LOTS of visible red rust and/or a lot of dirt/grime. Ideal case is that a customer is complaining about a bad latch.</p> <p>Please provide 30 parts per side (any of the part numbers listed).</p> <p>Parts should be replaced and charged under the L04 account. If possible try to obtain parts from used cars so they are not being taken from customer vehicles. 30 rear latches from each side are required for a total of 60. Each FQE try to collect 6 rear latches from each side. Label the latches left and right, fill out Etracker and then mail to:                      Tim Goodchild                      4084 Sarah Ann Drive                      Canton, MI 48188</p> <p><b><i>Please send the parts as soon as they are received.</i></b></p>	

Assignment Allocation Do Not Fill In – FQE Office Use Only					
Assigned	FQE	Location	Assigned	FQE	Location
	Don Christoff	Florida		Brian Howe	Nevada
	Tony Colarossi	Co. Garages		Gordie Kaltz	California
	Dave Cox	Texas	X	Dan Myers	Iowa
	Tony Dionizi	Colorado		Tom Peeler	Georgia
X	John Domka	Michigan	X	Dave Pilgrim	Pennsylvania
X	Mark Hayduk	Pennsylvania	X	Ron Trower	Florida
	ALL				
Assignment No. 04-92					

---

**From:** McDonald, Joseph (J.)  
**Sent:** Friday, July 02, 2004 3:52 PM  
**To:** Christoff II, Donald (D.A.); Colarossi, Anthony (A.); Cox, David (D.M.); Dionisi, Anthony (A.J.); Domka, John (J.J.); Hayduk, Mark (M.S.); Howe, Brian (B.T.); Kaltz, Gordie (G.); Albrant, Mark (M.A.); Myers, Dan (D.P.); Peeler, Tom (T.H.); Pilgrim, Dave (D.A.); Trower, Ron (R.D.)  
**Subject:** Assignment 04-92

This assignment is being expanded to include 2000-2002 latches. Please mark the year on the tag when returning.



req04-92.doc (37  
KB)

*Joe McDonald*  
PTS Q1 Panel Coordinator  
FCSD/Service Engineering Operations  
(313)317-9374  
(313)621-4017-Fax  
JMCDON27@ford.com

### FCSD Field Quality Engineer (FQE) Request

Complete the FQE Support Request section of the form below (green headers).

If you have questions, contact Maria Lovelace (Mlovela1 323-6561)

After the form is completed, save it on your hard drive and send via E-mail to: Maria Lovelace

FCSD FQEs are trained engineers, familiar with all subsystems and vehicles. They visit dealership Service Departments and other Ford and Lincoln-Mercury service locations and fleets daily. FQEs can provide the following support services: inspect vehicles for specific conditions; take photographs; recover and return failed components; locate vehicles for testing and/or inspection by other engineering personnel; perform test drives and record results.

Assignment Specifics	
Model Year(s) 2000-2002	Requestor's Name Tim Goodchild
Vehicle line(s) Ford Focus 4 door (sedan or wagon).	Phone Number (313) 390-0637
Mileage range All mileage	Email Address tgoodchi@ford.com
Part number(s) XS41-A26412-A* XS41-A26412-B* XS41-A26413-A* XS41-A26413-B*	Pictures/CQIS Reports?
AWS R/1000	# of CQIS Reports? DTC's?
Date Issued 6/25/04	Due Date: 7/8/04
What specific information and/or service are you requesting?	
Inspect vehicles and record information	
Geographic or Climatic Concern?	rust belt states
What specific information do you want recorded (measurements, etc.)?	None. Remove and replace latch for engineering analysis.
Describe below the concern you are investigating – include information about the nature and severity of the concern.	
<p>These parts are being collected to conduct engineering testing to support the NHTSA Inquiry PE04-033 regarding rear door latches on certain Focus vehicles. We would like to get back parts that exhibit LOTS of visible red rust and/or a lot of dirt/grime. Ideal case is that a customer is complaining about a bad latch.</p> <p>Please provide 30 parts per side (any of the part numbers listed).</p> <p>Parts should be replaced and charged under the L04 account. If possible try to obtain parts from used cars so they are not being taken from customer vehicles. 30 rear latches from each side are required for a total of 60. Each FQE try to collect 6 rear latches from each side. Label the latches left and right, fill out Bracket and then mail to: Tim Goodchild 4084 Sarah Ann Drive Canton, MI 48188</p> <p><b><u>Please send the parts as soon as they are received.</u></b></p>	

Assignment Allocation Do Not Fill In – FQE Office Use Only					
Assigned	FQE	Location	Assigned	FQE	Location
	Don Christoff	Florida		Brian Howe	Nevada
	Tony Colarossi	Co. Garages		Gordie Kaltz	California
	Dave Cox	Texas	X	Dan Myers	Iowa
	Tony Dionisi	Colorado		Tom Peeler	Georgia
X	John Domka	Michigan	X	Dave Pilgrim	Pennsylvania
X	Mark Hayduk	Pennsylvania	X	Ron Trower	Florida
	ALL				

Assignment No. 04-52

---

**From:** McDonald, Joseph (J.)  
**Sent:** Friday, July 09, 2004 4:41 PM  
**To:** Christoff II, Donald (D.A.); Colerossi, Anthony (A.); Cox, David (D.M.); Dionisi, Anthony (A.J.); Domka, John (J.J.); Hayduk, Mark (M.S.); Howe, Brian (B.T.); Kaitz, Gordie (G.); Albrant, Mark (M.A.); Myers, Dan (D.P.); Peeler, Tom (T.H.); Pilgrim, Dave (D.A.); Trower, Ron (R.D.)  
**Subject:** Assignment 04-92 Extended

This was extended to 7/16.



req04-92.doc (37  
KB)

*Joe McDonald*  
**PTS Q1 Panel Coordinator**  
**FCSD/Service Engineering Operations**  
**(313)317-9374**  
**(313)621-4017-Fax**  
**JMCDON27@ford.com**

### FCSD Field Quality Engineer (FQE) Request

Complete the FQE Support Request section of the form below (green headers).

If you have questions, contact Maria Lovelace (Mlovela1 323-6361)

After the form is completed, save it on your hard drive and send via E-mail to: Maria Lovelace

FCSD FQEs are trained engineers, familiar with all subsystems and vehicles. They visit dealership Service Departments and other Ford and Lincoln-Mercury service locations and fleets daily. FQEs can provide the following support services: Inspect vehicles for specific conditions; take photographs; recover and return failed components; locate vehicles for testing and/or inspection by other engineering personnel; perform test drives and record results.

Assignment Specifics	
Model Year(s) 2000	Requestor's Name Tim Goodchild
Vehicle line(s) Ford Focus 4 door (sedan or wagon).	Phone Number (313) 390-0637
Mileage range All mileage	Email Address tgoodchi@ford.com
Part number(s) XS41-A26412-A* XS41-A26412-B* XS41-A26413-A* XS41-A26413-B*	Pictures/CQIS Reports?
AWS R/1000	# of CQIS Reports?      DTC's?
Date Issued 6/25/04	Due Date: 7/15/04
What specific information and/or service are you requesting?	
Inspect vehicles and record information	
Geographic or Climatic Concern?	rust belt states
What specific information do you want recorded (measurements, etc.)?	None. Remove and replace latch for engineering analysis.
Describe below the concern you are investigating – include information about the nature and severity of the concern.	
<p>These parts are being collected to conduct engineering testing to support the NHTSA Inquiry PE04-033 regarding rear door latches on certain Focus vehicles. We would like to get back parts that exhibit LOTS of visible red rust and/or a lot of dirt/grime. Ideal case is that a customer is complaining about a bad latch.</p> <p>Please provide 30 parts per side (any of the part numbers listed).</p> <p>Parts should be replaced and charged under the L04 account. If possible try to obtain parts from used cars so they are not being taken from customer vehicles. 30 rear latches from each side are required for a total of 60. Each FQE try to collect 6 rear latches from each side. Label the latches left and right, fill out Extractor and then mail to:                  Tim Goodchild                  4084 Sarah Ann Drive                  Canton, MI 48188</p> <p><i>Please send the parts as soon as they are received.</i></p>	

Assignment Allocation Do Not Fill In – FQE Office Use Only					
Assigned	FQE	Location	Assigned	FQE	Location
	Don Christoff	Florida		Brian Howe	Nevada
	Tony Colarossi	Co. Garages		Gordie Kaltz	California
	Dave Cox	Texas	X	Dan Myers	Iowa
	Tony Dionisi	Colorado		Tom Peeler	Georgia
X	John Donka	Michigan	X	Dave Pilgrim	Pennsylvania
X	Mark Hayduk	Pennsylvania	X	Ron Trower	Florida
	ALL				
Assignment No. 04-92					

---

**From:** Goll, Brandon [Brandon.Goll@brose.net]  
**Sent:** Tuesday, April 08, 2003 1:17 PM  
**To:** Peshkopia, Stacy; Bartsch, Juergen; jerry.janisse@us.bosch.com;  
allen.bamhart@us.bosch.com; sskiba@ford.com; tgoodchi@ford.com;  
gerardo.neva@gearindustrial.com; icelaya@ford.com; morlebek@ford.com; jfloyd5@ford.com  
**Subject:** FW: C170\_P1\_FORD\_Issues.xls  
**Importance:** High



C170\_P1\_FORD\_Is  
sues.xls (317 K...

Attached is the open issues list for today's 2:30 meeting.

CIRCULATION: TO: Brandon Goll, Stacy Pashkopis, Juergen Bertsch, Jerry Janisse, Al Barnhart, Alex Williams, Stan Skiba, Tim Goodchild, Gerardo Nava, Isabel Celaya, Michael Orsakos, Jill Floyd

Call-In:

CC: Jim Barberella

Host:

CUSTOMER:

Participant:

PROJECT: C170 P1 SIDE DOOR LATCH MODULES

Author:

TIME: 2:30-3:30 Tuesday

Print Date:

Closed Issues may be hidden. If you wish to view them, please unhide the rows.

Click on the "Open Issues" link for pending review. For issue history, click on "Open Issues to 2/11/03"

Issue ID	Issue Description	Assignee	Start Date	End Date	Status	Comments
01	C11428783 A11470705 for use of CL-A latch inventory Sinker Guide Color Change and Higher Force Reinforcement Spring	Goll				2/11 - Wu should need to be organ guide only cheap adhesive washer, determined for Im 2/21 - Alert A1147 modules. Stan an on 2/27. If issue The correct imple Alert. 3/25-Goll needs to changeover to bla will still have shir black sinker guide 3/25 - Hermosillo I and 15 CL car set sometime in early 4/1 - Wayne now c close set for May 1
02	C11388400 (modules) C11402388 (latches)	Removal of Manual Latch Sinker	Goll			2/11-Line trial nee 03. Timing needs 3/25-Manual latch module have bla 3/25 - Hermosillo I and 15 CL car set
03	C11388808	Removal of Adhesive Washer	Goll			2/11-Line trial nee 02. Timing needs
05		Reinforcement Snap Feature Assembly Issue	Goll		4/20/2003	2/11 - Need respo snap feature. 2/21 - ITW to que two lbs. 25 car a 4/1-Samples sent t GPIRS order.



00			Wegal Coating Change	Goal				2/11 - Meet Ford's requirements for the 2021-Water/Goal to meet Ford MY 2021 and 4P build dates concrete timing plus requirements for the 3/25-Need update change will go thru 2/21 - Need common 4/1 - Concern re: new
11		C11475553	Line Move	Bross NA				
12			High Outer Release Efforts	Goal				2/11 - Bross latch review potential of 2/21 - Goal to start in March. 3/25 - Goal/Original 4/2 - Goal to set up reduction options.
14			Outer Release Rod / Clip Loose	Goal		3/25/2003		3/25 - Technicians to make clip tighter, 4/4 - Technicians will sample with toler
16			MCR Cleanup - Removing CL Parts and CL-A PN from Front Passenger Door	Goal				
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1-800-367-8840

E1282928#

B. Goll

28-Oct-04

start building fixtures by E/11. Line trial  
trial. This line trial will include the sticker  
a, removal of manual sticker, removal of  
and visit. PH change. Things need to be  
Jesse Nelson.

ST05 allow the use of CL-A fixtures in CL  
if Tony DiAgostino to conduct functional trial  
n is OK, they will approve Alert A11478705.  
revision date needs to be entered in the

with an Alert to cover deviations during  
CL sticker guides (i.e. - the manual modules  
all stickers until all CL part numbers have  
ed).

Line Trial will consist of 10 manual over sets  
n. Line trial will probably take place

April.  
only want 2 over sets for line trial. PSW  
st.

to be organized with Item 01 and Item  
to be determined for implementation.  
or to stay on under Alert until all CL  
the sticker guides.

Line Trial will consist of 10 manual over sets  
n.

to be organized with Item 01 and Item  
to be determined for implementation.

Site from Site regarding sharpening of

machining ramp fixture from one of the  
at sample order to be quoted.  
to be provided to Port on April 22nd per

engineering input regarding ETA's  
3 engineering changes.  
not with Goodchild and Lozhiavo. Need to  
M-J1 date of 10/3/03. Need concrete I PP  
s. Brass needs to provide Ford with  
an. Goodchild to pursue all-platform  
right.  
from Goodchild on whether or not the  
high.  
the plant shut down dates from Ford.  
to be approved.

team meeting to take place on 2/14 to  
sign changes.  
o Ford design review meeting for mid-  
to starting to look at design options.  
meeting with Skiba to refine effort

rolling (also changing tolerance on rod end to  
preventing it from rolling.  
I have 8,000 rods in inventory on 4/7.  
since changed will be sent to Excess by 4/9.

ENR4-823 8017

CIRCULATION: TO: Brandon Goll, Sazy Pashkopis, Juergen Bartsch, Jerry Janiceo, Al Barnhart, Alex Williams, Stan Siba, Tim Goodchild,  
Gerardo Nava, Isabel Calaya  
CC: Jim Barberella

Call-In: 1-800-367-3640

CUSTOMER: [REDACTED]  
PROJECT: C170 P1 SIDE DOOR LATCH MODULES  
TIME: 2:30-3:30 Tuesdays

Host: [REDACTED]  
Participant: 21282926#  
Author: B. Goll  
Print Date: 28-Oct-04

Closed issues may be hidden. If you wish to view them, please unhide the rows.

01	C11399600 (module)	Remove Adhesive Weather from P1atchmodules	Goll	7/24/2002	12/20/2002	<p>7/24-Juergen will propose to Terry on B24 night shift. He will also check with the workers.</p> <p>7/25-Terry gave go-ahead to remove adheer. It is no longer needed since latch is now chamfered.</p> <p>7/25-Need to write supplement to Notice</p> <p>8/5-Supplement can not be written after one month past original notice - new concern must be written.</p> <p>8/6-Concern will be completed after reinforcement spring change has been completed.</p> <p>8/7-Need latch concern from Tim to change housing colors and manual slider.</p> <p>8/9-This change will be done in conjunction with removing the manual latch slider all in one concern.</p> <p>8/16-Notes created, need concern approved at August 16th Joint Approvals Meeting</p> <p>8/26-Concern approved - need O.K. to tool drawings. Tim needs to get latch concern out.</p> <p>8/28-Add 21 pt summary into latch concern. Call latch concern into Joint Approvals meeting on 8/4.</p> <p>9/4-Pashkopis/Williams to call into Joint Approvals on 9/6.</p> <p>9/10-Everything is released. The duration of this weather will be under start with the reinforcement spring change. The tool will be completed with one full container of right rear modules and one full container of left rear modules.</p> <p>9/17-Bosch needs QPMS order. 4 containers for Wayne and 4 for Harwood.</p> <p>10/7-Bosch / Wayne to determine need for adhesive weather on line. Bosch also to investigate possible other solutions for improved visibility.</p> <p>10/22-Bosch wishes to pursue removing adhesive immediately.</p> <p>12/17-This adhesive weather will be removed with P84V per C11428763 - striker guide color change</p> <p>1/14-Whisperal will be added off this week to start the striker guide color change. The weather removal change will be implemented with this striker guide change.</p>
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E904-023 0018

EM04-023 0019

Lower Force Reinforcement Spring Change						
04	<p>C11393382 8002YC0049 (Booth EC)</p> <p>A11403449 (Line Trial)</p> <p>C11408945 (Bezel Change)</p>		<p>Call / Reinert</p>	<p>7/23/2002</p>	<p>2/3/2003</p>	<p>reinforcement part numbers. Fold to complete Ford drawings.            7/21-Call to provide O.K. to tool drawings by B/1            8/5-OJK to tool drawings provided on Friday (8/2)            8/6-Alex needs new reinforcement drawings, then will call into Joint            Approval Meeting            8/7-Need to update changes with new part number prefixes.            8/9-Drawings (brackets and retri) need to be updated with new retri            part numbers. New reinforcement parts will be at Booth on August            15th.            8/13-New lining for introduction into plants to be provided by Bosch.            Alert needs to be written for trials and GPRS order must be            complete.            8/15-Ford to redo GPRS order for 81250 set-up fee. Parts to be            shipped full containers with top parts being new rev. lower and bottom            parts current population. Alert has been written. Bosch will not build            parts until GPRS order is approved.            8/20-Ford does not want new spring in retri, until bezel change is            made. There is an interference between the handle and bezel that            the new spring can not overcome.            8/20-Alex A11408008 created to use old            reinforcements (old springs) until bezel change is            made to accommodate new spring.            8/20-Alex will pull a CR and Stan will send            marked-up bezel drawings to Keykurt.            8/2-Trial run to be completed with modified bezels            and reinforcement aprons (full palette).            8/4-Keykurt has sent RFQ to JTW. Keykurt to            re-work 8 car sets of bezels and Bosch will            provide 5 car sets of lower spring force            reinforcements. If this trial is OK, a larger trial            will be run after one bezel cavity change. If this            trial is OK, all bezel services will be changed.            8/4-Steve to contact Keykurt to find out when            bezels will be ready.            8/10-Need lining for bezel change. Supposed to            call Simpson on 8/11 with coal and lining.            8/17-Trial to be run on 10/1/02. 8 vehicle sets for            preliminary line trial at Wayne. Need lining for            bezel change.            10/1-Report to T. Kolar / P. Patel for actions            pertaining to line change. Keykurt to provide coal            and lining for re-work of bezels. Bosch will pick            10/4-Fixtus cut-out changed to R/Rem. Need update on the trial.            10/15-Stan has received bezels from Keykurt. Proceeding with the            trial. Justip to OK Keykurt re-worked bezels.            10/22-Problems with line trial - need to discuss further actions.            12/17-Bosch investigating possible change to bezel gasket to            eliminate interference with handle.            1/14-Gott/Bosch investigating design solutions to implement lower            force spring.</p>

18	<p>Sticker Removal: C11300600 (module) C11428398 (atches)</p> <p>Striker Guide Color: C11428763</p>	Removal of Manual Striker & Striker Guide Color Change	Goal	7/30/2002	1/31/2003	<p>7/30-Story to send module ID proposal to Alex with cost for Manual latch cap. 7/31-CL and CL-A latches back to black Plants may use latch codes for ID?? This would void sticker over contractor. 7/31-Plants will use latch codes for ID. Need concern from Goldschmidt. Digital pictures for Glen. 8/7-Waiting for Tim to do latch concern for striker guide color only. Decided to do on separate change. 8/15-Notice created, need concern Approved at August 16th Joint Approvals Meeting. Service sketch goes from AA level to AB level to go along with file change. 8/14-Pashkop/Williams to call into Joint Approvals on 8/5 for approval of latch concern. 8/17-Need SPIRS order to do line trial and Alex is needed. 12/17-Manual sticker will be removed with P&amp;W of C11428763 - striker guide color change. 1/30-Finalize the approval / update concerns. Need updated line ID. 8/5-Start to search for change history ITW will provide timing for change to new active BD created 8/6-Ford wants 2 week line trial after J1, Boech to create timing. 8/7-Need to ask if part numbers will up-suffix 8/16-Part numbers will up-suffix (main and modules). ITW provided cost for sample parts. Boech to quote to Ford. ITW to provide production pricing for this change. Sample parts will be supplied in complete containers. Need SPIRS order from Ford for sample parts. 8/28-Pashkop to do production quote. Simpson to provide PO with \$1250 on it. 8/18-SPIRS order received, line trial to take place. 8/30-Lab tests to be completed before line trial. Golf / Skiba to determine optimal screw torque for both F-nut and long reinforcement screw. 10/14-Need to also determine current torque being used on the line. 10/22-Current torque running at 2.2Nm +/- 15% per S. Skiba. Boech now doing torque comparisons on current and proposed cutting screws. 12/17-Golf to talk to Skiba on 12/18 regarding Ford test results. Boech also investigating other potential design solutions. 12/20-Goldschmidt agrees to pursue security shield change to minimize deformation with higher screw torque. Want to stay with 2.2 Nm screw torque at plant. 1/14-Golf working on design change to security shield.</p>
23	Future EC	T-Nut Screw Assembly Issue and Long Reinforcement Screw Torque	Goal	8/5/2002	2/31/2003	<p>8/5-Ford wants 2 week line trial after J1, Boech to create timing. 8/7-Need to ask if part numbers will up-suffix 8/16-Part numbers will up-suffix (main and modules). ITW provided cost for sample parts. Boech to quote to Ford. ITW to provide production pricing for this change. Sample parts will be supplied in complete containers. Need SPIRS order from Ford for sample parts. 8/28-Pashkop to do production quote. Simpson to provide PO with \$1250 on it. 8/18-SPIRS order received, line trial to take place. 8/30-Lab tests to be completed before line trial. Golf / Skiba to determine optimal screw torque for both F-nut and long reinforcement screw. 10/14-Need to also determine current torque being used on the line. 10/22-Current torque running at 2.2Nm +/- 15% per S. Skiba. Boech now doing torque comparisons on current and proposed cutting screws. 12/17-Golf to talk to Skiba on 12/18 regarding Ford test results. Boech also investigating other potential design solutions. 12/20-Goldschmidt agrees to pursue security shield change to minimize deformation with higher screw torque. Want to stay with 2.2 Nm screw torque at plant. 1/14-Golf working on design change to security shield.</p>

E901-023 0023

24			Reinforcement Strap Feature Issue	Gol	5/5/2002	1/31/2003	<p>6/5-Right rear reinforcements are hard to install on door - ITW to provide measurements on strap feature</p> <p>6/6-CR created</p> <p>6/7-Strap features on all reinforcements from all tools show same dimensions.</p> <p>6/16-Right rear reinforcement dimensions do not vary from others. Lack of exact metal dimensions?</p> <p>6/18-Gol to put together request for sheet metal dimensions.</p> <p>6/26-Parts to print - no CR issued. Gol to request sheet metal dimensions.</p> <p>10/14-Need sheet metal dims from Wayne Assy.</p> <p>10/15-Measurements need to be taken by somebody at Wayne Assy.</p> <p>12/17-Bartech has proposed design change to "sharpen" strap features. Need to obtain samples from ITW for line trial.</p> <p>1/14-Skiba has requested conditioning of parts to avoid breaking issue.</p> <p>1/20-Need update from Bartech regarding changing profile of straps.</p>
34	C		Packaging Drawing Completion	Gol / Goodchild	6/13/2002	10/31/2002	<p>6/13-Packaging drawing ready to review.</p> <p>6/21-Goodchild/Gol to review on 6/28 (also bring APG-E latitudes and extra set of P1 latitudes)</p> <p>6/28-Wu to make noted changes to packaging drawing to complete drawing.</p>
42			Hard Electrical Connector Install	Gol / Bartsch	8/27/2002		<p>9/30-It was found at Wayne Assy. that electrical connectors were difficult to install into power leeches - Bosch investigating root cause and potential solutions.</p> <p>10/6-Bosch wishes to try grease solution. The permanent solution would be to grease the wire harness (female connector).</p> <p>10/14-Need Alert from Tony D'Agostino to do line trial with greased leech connectors.</p> <p>12/17-Tool issue which created burr on leech connector started in Wu, and has been corrected. Parts have been sorted in Albion. Still need answer from Lear regarding greasing the electrical connector.</p>
43		A11460797 C11468559	Rear Module Bracket Material Change	Gol	12/18/2002		<p>12/18 - Issue opened to use new polyethylene material. Current material is no longer commercially available.</p> <p>1/20 - Concern will be written for material change and finishing leech leech.</p>
44		C11458558	Leach Outer Release Lever Band Retrieval	Gol	1/14/2003		<p>1/14-Issue opened to loosen the band in the leech outer release lever. The band is this size only cause the sliding clip to rotate. Now Concern must be written.</p>
45			Magni Coating Change	Gol	1/20/2003	Ongoing	<p>1/20-P1 leech will use Magni coating. Verbal cost increase was provided to Y. Goodchild on 1/17 as \$0.18 per leech assembly.</p> <p>Need APG-E test results from Wu for 2i-Ni leeches. Bruce is looking into getting latitudes with Magni for APG in February. Bruce to also provide possibility of having leeches for all build events and J1 on BA403.</p>
46			Control High Effort Failure	Gol	1/20/2003		<p>1/20-Issue raised at LPG for high outer release efforts at 0 miles.</p> <p>Steven Sandkuhler at LPG on 1/21 to review failure. Need report. Bruce to provide vehicle efforts at Wayne as well.</p>
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2017-2018

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ER04-RZ3 6822



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**From:** Goll, Brandon [Brandon.Goll@brose.net]  
**Sent:** Tuesday, April 15, 2003 1:35 PM  
**To:** Peshkopia, Stacy; Bartsch, Juergen; jerry.jarisse@us.bosch.com;  
allen.barnhart@us.bosch.com; askiba@ford.com; tgoodchl@ford.com;  
gerardo.nava@gearindustrial.com; icelaya@ford.com; morfebek@ford.com; jfloyd5@ford.com  
**Subject:** C170\_P1\_FORD\_Issues-Tuesday 2:30 Meeting  
**Importance:** High



C170\_P1\_FORD\_Is  
sues.xls (318 K...

Here is the open issues list for today's 2:30 (1:30 Albion) meeting.

**CIRCULATION:** TO: Brandon Goll, Stacy Paszkopis, Juergen Bartsch, Jerry Janrese, Al Barnhart, Alex Williams, Stan Skiba, Tim Goodchild, Gerardo Novo, Isabel Celaya, Michael Orlebars, Jill Floyd

Call-in:

CC: Jim Barbarella

Host:

**CUSTOMER:** [REDACTED]

Participant:

**PROJECT:** C170 P1 SIDE DOOR LATCH MODULES

Author:

**TIME:** 2:30-3:30 Tuesday

Print Date:

*Clicked issues may be hidden. If you wish to view them, please unhide the rows.*

Issue ID	Issue Description	Assignee	Start Date	End Date	Notes	
01	C11428783 A11470706 for use of CL-4 latch inventory	Striker Guide Color Change and Higher Force Reinforcement Spring	Goll	2/11/2003	5/1/2003	2/11 - We should i needs to be organ/ guide color change adhesive washer, determined for int 3021 - Alert A1147 modules. Bsn an on 3027. If function The correct Inpler Alert. 3025-Goll needs to changeover to bps will still have man. black striker guide 3028 - Hammoillo l and 15 CL car set sometime in early 4/1 - 2 car sets will constraints before for Max 1st
02	C11398809 (modules) C11402998 (latches)	Removal of Manual Latch Sticker	Goll	2/11/2003	5/1/2003	2/11-Line 1st) nee 03. Timing needs 3/05-Manual sticker modules have bnc 3025 - Hammoillo l and 15 CL car set
03	C11398809	Removal of Adhesive Washer	Goll	2/11/2003	5/1/2003	2/11-Line 1st) nee 03. Timing needs
04		Reinforcement Snap Features Assembly Issue	Goll	2/11/2003	5/1/2003	2/11 - Need respo latch features. 2021 - ITW to quot two tabs. 25 car s 4/1-Samples set k GPRIS order.

08			Magni Coating Change	Gall	2/11/2003	10/3/2003		2/11 - Need Ford 4 requirements for re 2/21-Walsh/Gall in need Ford MY 20C and 4P build date coherent listing pt agreement for cha 3/25-Need update change will go thru
11		C11475863	Line Move	Brose NA	2/21/2003	5/1/2003		2/21 - Need comn 4/1 - Concern near 4/15 - Concern C1 contact T. Vlasov
12			High Outer Release Efforts	Gall	4/1/2003	Ongoing		2/11 - Brose hatch review potential de 2/21 - Gall to set u March. 3/25 - Gal/Orlabe 4/2 - Gall to set up reduction actions.
14			Outer Release Rod / Clip Loose	Gall	4/1/2003	3/26/2003		3/25 - Technicians to make clip tighter, 4/4 - Technicians will Samples with tools 4/15 - SMI waiting Technicians tool was marked to different
18			MCR Cleanup - Removing CL Parts and CL-A PN from Front Passenger Door	Gall	4/6/2003	9/15/2003		4/15 - Gall needs t
16			4-Pin Connector on Manual Latches instead of 5-Pin Connector.	Gall	4/15/2003			4/15 - Wu propose Manual latches (re required validation
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1-800-387-3840

78881#

B. Goff

29-Oct-04

Start building latches by 2711. Line trial  
line). This line trial will include the printer  
s, removal of manual sticker, removal of  
and relief. PN change. Things needs to be  
documentation.

TOPS allows the use of CL-A latches in CL  
of Tony D'Agostino to conduct functional trial  
in CL, they will approve Alert A11470708.  
revision date needs to be entered in the

write an Alert to cover deviations during  
CL striker guides (i.e. - the manual modulus  
and stickers until all CL part numbers have  
ed).

Line Trial will consist of 10 manual car sets  
s. Line trial will probably take place  
April.

if we used for line trial due to the timing  
parts are actually shipped. PGM date set

CL to be organized with Item 01 and Item  
to be determined for implementation,  
or to stay on under Alert until all CL  
CL striker guides.

Line Trial will consist of 10 manual car sets  
s.

CL to be organized with Item 01 and Item  
to be determined for implementation.

note from Skibis regarding suspending of

in machining ramp feature from one of the  
set sample order to be quoted,  
to be provided to Ford on April 22nd per



CIRCULATION: TO: Brandon Got, Stacy Pashkopis, Juergen Baroch, Jerry Jenkins, Al Bernhart, Alex Williams, Stan Siba, Tim Goodchild,  
 Gerard Nave, Isabel Calaya  
 CC: Jim Barbarata

Call-In: 1-800-387-3840

Host: --

Participant: 21282925#

Author: B. Got

Print Date: 28-Oct-04

CUSTOMER: [REDACTED]  
 PROJECT: 0170 P1 SIDE DOOR LATCH MODULES  
 TIME: 2:30-3:30 Tuesdays

Closed issues may be hidden. If you wish to view them, please unhide the rows.

01	011389609 (Module)	Removes Adhesive Washer from Reinforcement	Got	7/24/2002	12/30/2002	<p>7/24-Juergen will propose to Terry on 8:04 night shift. He will also check with line workers.</p> <p>7/25-Terry gave go-ahead to remove sticker. It is no longer needed since latch is now classified.</p> <p>7/26-Need to write supplement to Notice</p> <p>8/5-Supplement can not be written after one month past original notice - new concern must be written.</p> <p>8/8-Concern will be completed after reinforcement spring change has been completed.</p> <p>8/7-Abled latch concern from Tina to change housing sleeve and manual sticker.</p> <p>8/9-This change will be done in conjunction with removing the manual latch sticker all in one concern.</p> <p>8/15-Notice created, need concern approved at August 16th Joint Approvals Meeting</p> <p>8/28-Concern approved - need O.K. in tool drawings. Tim needs to get latch concern out.</p> <p>8/28-Addr 2 (pt summary into latch concern. Call latch concern into Joint Approvals meeting on 8/28.</p> <p>8/24-Pashkopis/Williams to call into Joint Approvals on 8/24.</p> <p>9/10-Everything is released. The deletion of this washer will be under start with the reinforcement spring change. Line trial will be completed with one full container of right rear modules and one full container of left rear modules.</p> <p>9/17-Boach needs QP/IRB order. 4 containers for Wayne and 4 for Hannonville.</p> <p>10/7-Boach / Wayne to determine need for adhesive washer on line. Boach also to investigate possible other solutions for improved visibility.</p> <p>10/28-Boach wishes to pursue removing stickers immediately.</p> <p>12/17-This adhesive washer will be removed with PSW per C11485783 - sticker guide color change</p> <p>1/14-Wuppertal will be kicked off this week to start the sticker guide color change. The washer removal change will be implemented with this sticker guide change.</p>
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ENG-823 8005

04		<p>C11385552 8002Y00049 (Boach EC)</p> <p>A11402448 (Use Trial)</p> <p>C11408943 (Bezel Change)</p>	Lower Force Reinforcement Spring Change	Golf / Rainier	7/23/2002	8/31/2003	<p>reinforcement part numbers. Ford to complete Ford drawings. 7/31-Golf to provide QJK to tool drawings by 8/1 8/5-QJK to tool drawings provided on Friday (8/2) 8/6-Alex needs new reinforcement drawings, then will call into Joint Approvals Meeting 8/7-Need to update changes with new part number prefixes. 8/8-Drawings (module and rail) need to be updated with new rail part numbers. New reinforcement parts will be at Boach on August 15th. 8/13-New timing for introduction into plants to be provided by Boach. Alert needs to be written for trials and GPRB order must be complete. 8/15-Ford to re-do GPRB order for \$1250 set-up fee. Parts to be shipped full container with top parts being new rev. level and bottom parts current production. Alert has been written. Boach will not build parts until 8/18th order is approved. 8/28-Ford does not want new spring in rail, until bezel change is made. There is an interference between the handle and bezel that the new spring can not overcome. 8/28-Alert A11408008 created to use old reinforcements (old spring) until bezel change is made to accommodate new spring. 8/28-Alex will put a CR and Stan will send marked-up bezel drawings to Keyart. 8/3-Trial run to be completed with modified bezels and reinforcement springs (per pallets). 8/4-Keyart has sent RFQ to ITW. Keyart to re-work 5 car sets of bezels and Boach will provide 8 car sets of lower spring force reinforcements. If this trial is OK, a larger trial will be run after one bezel cavity change. If this trial is OK, all bezel cavities will be changed. 8/4-Steve to contact Keyart to find out when bezels will be ready. 8/10-Need timing for bezel change. Supposed to call Simpson on 8/11 with cost and timing. 8/17-Trial to be run on 10/1/02. 5 vehicle sets for parallelize the trial at Wayne. Need timing for bezel change. 10/1-Report to T. Kolar / P. Patel for actions pertaining to this change. Kolar to provide cost and timing for re-work of bezels. Boach will pick 10/14-Radius call-out changed to Filmm. Need update on the trial. 10/15-Stan has received bezels from Keyart. Proceeding with the trial. Jumped to OK Keyart re-worked bezels. 10/22-Problems with the trial - need to discuss further actions. 10/17-Bosch investigating possible change to bezel gasket to eliminate interference with handle. 1/14-Go to Bosch investigating design solutions to implement lower force spring.</p>
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E084-823 8809



18	Sticker Removal: C11399009 (module) C11402398 (latches)  Sticker Guide Color: C11428768	Removal of Module Sticker & Sticker Guide Color Change	Goal	7/30/2002	1/31/2003		7/29-3 Tracy to send module ID proposal to Alex with cost for Manual latch cap. 7/31-CL and CL-A latches back to black Plants may use latch codes for 82777 This would void sticker over connector. 7/31-Plants will use latch codes for ID. Need concern from Goodrich. Digital pictures for Stan. 8/7-Waiting for Tim to do latch concern for sticker guide color only. Decided to go on separate change. 8/15-Node entered, need concern approved at August 16th John Approvals Meeting. Service attach goes from AA level to AS level to go along with this change. 8/4-Pushpop/W/Flays to get his John Approvals on 8/5 for approval of latch concern. 8/17-Need GP/RS order to do the trial and Alert is needed. 12/17-Manual sticker will be removed with PSW of C11428768 - sticker guide color change. 1/20-Endline for Manual Latches Codebook. Need updated from 8/5-Subs to search for change history ITW will provide timing for change to new screw 8D created 8/9-Ford wants 2 week time trial allow J1, Bosch to create timing. 8/7-Need to ask Stan if part numbers will up-suffix 8/15-Part numbers will up-suffix and mod line. ITW provided cost for sample parts. Subs to quote to Ford. ITW to provide production pricing for this change. Sample parts will be supplied in complete quantities. Need GP/RS order from Ford for sample parts 8/25-Pushpop to do production quote. Simpson to provide PO with \$1250 on it. 8/10-GP/RS order received, the trial to take place. 9/20-Lab tests to be completed before line trial. Goal / Subs to determine optimal screw torque for both front and long reinforcement screw. 10/14-Need to also determine current torque being used on the lines. 10/22-Current torque naming at 2.2Nm +/- 15% per S. Skiba. Bosch now doing torque comparisons on current and tested curing screws. 12/17-Goal to talk to Skiba on 12/15 regarding Ford test results. Green also investigating other potential design solutions. 12/30-Gol/Skiba agree to pursue security shield change to minimize deformation with higher screw torque. Want to stay with 2.2 Nm screw torque at plant. 1/14-Goal working on design change to security shield.
29	Future EC	T-Nut Screw Assembly Issue and Long Reinforcement Screw Torque	Goal	8/5/2002	2/31/2003		8/9-Ford wants 2 week time trial allow J1, Bosch to create timing. 8/7-Need to ask Stan if part numbers will up-suffix 8/15-Part numbers will up-suffix and mod line. ITW provided cost for sample parts. Subs to quote to Ford. ITW to provide production pricing for this change. Sample parts will be supplied in complete quantities. Need GP/RS order from Ford for sample parts 8/25-Pushpop to do production quote. Simpson to provide PO with \$1250 on it. 8/10-GP/RS order received, the trial to take place. 9/20-Lab tests to be completed before line trial. Goal / Subs to determine optimal screw torque for both front and long reinforcement screw. 10/14-Need to also determine current torque being used on the lines. 10/22-Current torque naming at 2.2Nm +/- 15% per S. Skiba. Bosch now doing torque comparisons on current and tested curing screws. 12/17-Goal to talk to Skiba on 12/15 regarding Ford test results. Green also investigating other potential design solutions. 12/30-Gol/Skiba agree to pursue security shield change to minimize deformation with higher screw torque. Want to stay with 2.2 Nm screw torque at plant. 1/14-Goal working on design change to security shield.

EPO-623 8818

24			Reinforcement Grip Feature Issue	Goff	8/5/2002	1/31/2003	<p>8/5-Flight rate reinforcements are hard to install on door - ITW to provide measurements on snap features</p> <p>8/5 created</p> <p>8/7-Snap features on all reinforcements from all tools show same dimensions.</p> <p>8/18-Flight rate reinforcement dimensions do not vary from others. Look at sheet metal dimensions?</p> <p>8/18-Goff to put together request for sheet metal dimensions.</p> <p>8/28-Parts to print - no OR issued. Goff to request sheet metal dimensions.</p> <p>10/14-Need sheet metal dims from Wayne Assy.</p> <p>10/15-Measurements need to be taken by somebody at Wayne Assy.</p> <p>12/17-Bartech has proposed design change to "sharpen" snap features. Need to obtain samples from ITW for line trial.</p> <p>1/14-Staba has requested conditioning of parts to avoid breaking issues.</p> <p>1/20-Need update from Bartech regarding changing profile of snaps.</p>
34	C		Packaging Drawing Completion	Goff / Goodchild	8/13/2002	10/31/2002	<p>8/13-Packaging drawing ready to review.</p> <p>8/21-Goodchild/Goff to review on 8/28 (also bring APG-E latches and entire set of P1 latches)</p> <p>8/28-Wu to make noted changes to packaging drawing to complete drawing.</p>
42			Hard Electrical Connector Install	Goff / Bartech	9/27/2002		<p>9/20-it was found at Wayne Assy, that electrical connectors were difficult to install into power latches - Bosch investigating root cause and potential solutions.</p> <p>10/8-Bosch wishes to try grease solution. The permanent solution would be to grease the wire harness (female connector).</p> <p>10/14-Need Alert from Tony D'Agostino to do line trial with greased latch connectors.</p> <p>12/17-Tool issue which created burr on latch connector started in Wu, and has been corrected. Parts have been sorted in Alton. See need answer from Lane regarding greasing the electrical connector.</p>
43		A11450787 C11458559	New Module Bracket Material Change	Goff	12/18/2002		<p>12/18 - Issue opened to use new polyethylene material. Current material is no longer commercially available.</p> <p>1/20 - Chevron will be written for material change and Ballening latch lever.</p>
44		Q11458559	Latch Outer Release Lever Band Removal	Goff	1/14/2003		<p>1/14-Issue opened to flatten the band in the latch outer release lever. The band in this lever may cause the sliding clip to rotate. New Concern must be written.</p>
45			Align Coating Change	Goff	1/20/2003	Ongoing	<p>1/20-P1 latch will use Magal coating. Vertical cost increase was provided to T. Goodchild on 1/17 as \$0.16 per latch assembly.</p> <p>Need APG-E test results from Wu for 23-NI latches. Brose is looking into getting latches with Magal for APG in February. Brose to also provide possibility of having latches for all build events and J1 on 3/4/03.</p>
46			Lowell High Effort Failure	Goff	1/20/2003		<p>1/20-Issue raised at LPO for high effort release efforts at 8 miles. Stefan Sandkuehler at LPO on 1/21 to review failure. Need report. Brose to provide vehicle efforts at Wayne as well.</p>
47							

EN04-Q23 6011



**From:** Goll, Brandon [Brandon.Goll@brose.net]  
**Sent:** Tuesday, February 10, 2004 11:35 AM  
**To:** Goll, Brandon; Reeves, Scott (S.C.); Sahutska, William (W.); Goodchild, Tim (T.O.); Ford, Randy (R.); Taylor, Tim; Peshkopia, Stacy  
**Subject:** RE: Ford Open issues List



Issues List.xls (31  
KB)

Once again, I have forgot the attachment.

Attached is the updated Ford issues list.

Also, I'll set up a telecon. for Thursday @ 7:30 am to talk about Magni.

Best Regards

Brose North America, Inc.  
LKS - Closure Systems

Brandon Goll

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Email: Brandon.Goll@brose.net





**Typ:** 230 - 234 v.a. Werkzeuge und Ersatzteile  
**Location:** Lager Chassis/Fahrer und Tümantennens  
**Episod:** 1-200-237-2340  
**Partnumber:** 230-2340  
**Abteilungsleiter:** B. Götz, S. Pankowicz & Hansen, A. Pöhl, T. Benschke, I. Czapka, T. Fagan, S. Henschel  
**Verfasser:** T. Benschke, 11. 02.01

16	Befehle der/der für Fahrer mit illegaler Steuerung	September 20, 2000	Februar 27, 2001		S. Pankowicz	<p>Verfahren zur Steuerung des Lenkungsmechanismus          (siehe auch bei T. Benschke am 11.02.01)          Motor Ford wird im Programm nicht          Motor in rechte und linke (S. Pankowicz)          Motor in rechte und linke bei T. Benschke und S. Pankowicz am 11.02.01          in Software in 230-2340</p>
17	AFD-2 Steuerung mit illegaler 230-2340	November 2, 2000	November 21, 2000		T. Benschke	<p>Verfahren zur Steuerung des Lenkungsmechanismus          (siehe auch bei T. Benschke am 11.02.01)          Motor Ford wird im Programm nicht          Motor in rechte und linke (S. Pankowicz)          Motor in rechte und linke bei T. Benschke und S. Pankowicz am 11.02.01          in Software in 230-2340</p>
18	Lenkungssteuerung mit illegaler 230-2340	November 2, 2000	Dezember 17, 2000	Januar 14, 2001	S. Götz	<p>Verfahren zur Steuerung des Lenkungsmechanismus          (siehe auch bei T. Benschke am 11.02.01)          Motor Ford wird im Programm nicht          Motor in rechte und linke (S. Pankowicz)          Motor in rechte und linke bei T. Benschke und S. Pankowicz am 11.02.01          in Software in 230-2340</p>

0304-023 2563







Time: 8:30 - 4:30 a.m. Europe and Thailand  
 Location: Large Customer Service and Maintenance  
 Call us: 1-800-287-5468  
 Fax us: 1-800-287-5468  
 Representatives: R. Dill, R. Pridemore, R. Stevens, R. Ford, T. Gendron, J. Colby, T. Taylor, G. Schuster  
 Customer: February 22, 2004

Item	Description	Start Date	End Date	Category	Status	Comments
1	WPHS Report	January 26, 2004	February 5, 2004		R. Dill	WPHS report needs to be signed off by Ford NA. Status NA is still not reported in status change EV field. This report card is for status change to report complete for testing. Status NA is possible condition regarding test capacity.
2	Forecast	January 8, 2004	April 21, 2004		R. Dill	OPWV order needs to be tested for EV NA samples. Status to provide status update regarding the testing process. Collected all sample per request of R. Dill (per requests and status work). Status is provide status-update status for 1171 and 102 current status for AME. 1185 - 1181 test (2) all data from EV driver NA - ready for ARD testing. 1117 - Status with NA and NA driving up Ford for ARD testing (status 2-3 is working).
3	Speculation	January 11, 2004	TBD		R. Dill	Review file to provide specification for 1171 and 102 testing. 102 specification for 102 per tested from driver NA, but it's not in English. 102 spec: provided 102. 117 - Status to find spec. request from NA testing (102). 117 - Status to find spec. request from NA testing (102). 117 - Status to find spec. request from NA testing (102).
4	Testing	January 15, 2004			R. Dill	Test to be completed on status page (102) all 102 and 102 test status all status from driver to report complete. 102 test to find on 102. 102 - 102 test to find on 102 test. Status regarding OPWV order. 102 - Status to find spec. request from NA testing (102). 102 - Status to find spec. request from NA testing (102).

EPM-023 2865





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**From:** Lichon, Richard [richard.lichon@brose.net]  
**Sent:** Wednesday, May 26, 2004 7:36 AM  
**To:** Reeves, Scott (S.C.); Ford, Randy (R.); Goodchild, Tim (T.O.); Howells, Thomas (T.W.);  
Patel, Bhupendra (A.)  
**Subject:** C170 Open Issues

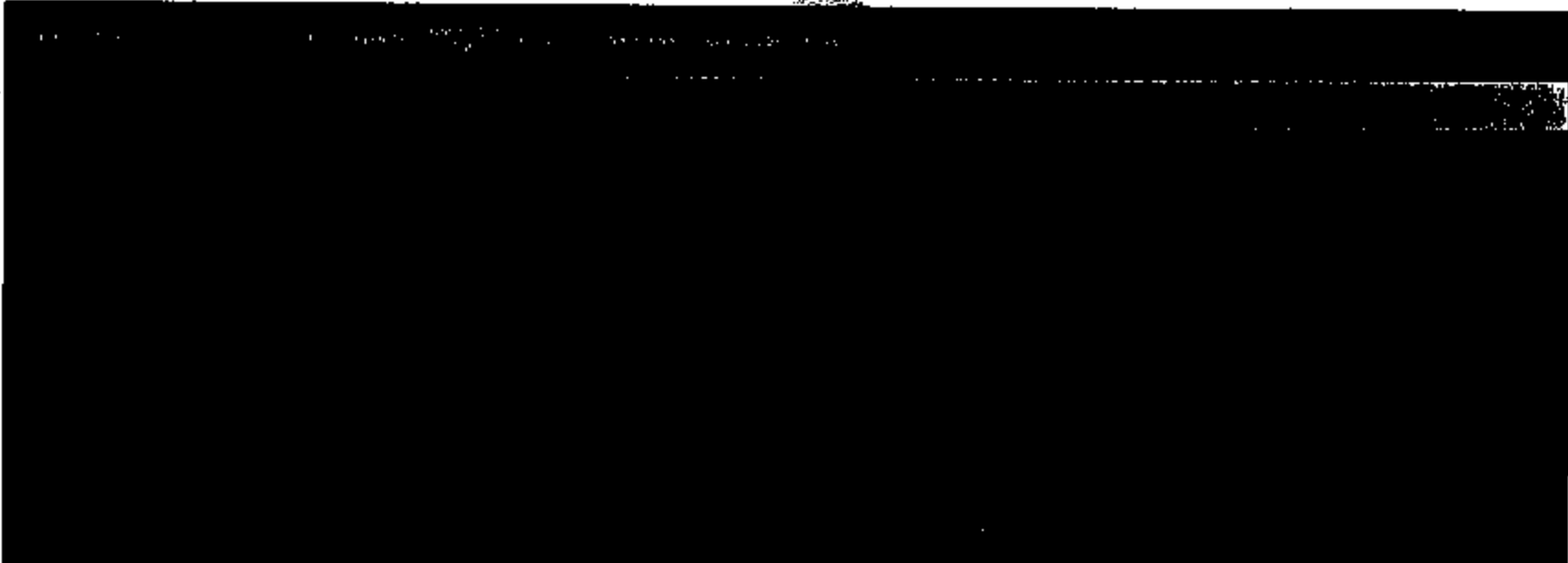


Open-Issues List    EXTERNAL C170    Open WERS.xls (88  
Ford- BroseNA... Hood Latch Open ...    KB)

Dick Lichon  
Project Engineer - Closures  
Brose North America  
1107 Centre Road  
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USA  
Phone: 1 (248) 364-2227  
Fax: 1 (248) 340-1104  
Mobile: 1 (248) 568-5987  
<mailto:richard.lichon@brose.net>



**Time:** 7:28 - 8:28 a.m. Wednesday  
**Location:** Large Conference Room and Teleconferencing  
**Call-in:** 1-888-337-3388  
**Part number:** 12828140  
**Distribution:** T. Gorkatti, S. Fritzen, R. Fiedl, I. Colvys, T. Thyer, A. Wille, T. Gieray, O. Rende, C. Conley, R. Wille  
**Updated:** 26.05.2004 by Steffen Müller  
 Latest updates in blue, closed issues in black, open issues in red



5	Signal timing with G4 PV Ignition	26-Sep-03	18-May-04	S. Schellhorn Ford Purchasing R. Wille	<p>After sampling on 26SEP04 (see below) to be made in order as first priority for the chromium element being to create a schedule until 26SEP04 and to present to Ford at week 13/04</p> <p>Proposed schedule shows implementation in three steps:</p> <ol style="list-style-type: none"> <li>1. Initial trial approval from FORD required until 18-March-04 to begin to start change sheets of Bross</li> <li>2. Final implementation step (checklist, issue release sheet, timing issue in May), all parts to be implemented (done)       <ul style="list-style-type: none"> <li>-&gt; BOP: 26-Sep-03/26-Sep-03 26-Sep-04 04 (if proposed DVP is agreed)</li> </ul> </li> <li>3. Revised implementation step (checklist, issue release sheet, timing issue, July cylinder level, seal balling issue, issue of 10000 level)       <ul style="list-style-type: none"> <li>-&gt; BOP: 26-Sep-03/26-Sep-03 12-September-04 (if proposed DVP is agreed)</li> </ul> </li> <li>4. Final implementation step (checklist, issue release sheet, timing issue, May 2004)       <ul style="list-style-type: none"> <li>-&gt; BOP: 26-Sep-03/26-Sep-03 22-May-04 (if proposed DVP is agreed)</li> </ul> </li> </ol> <p>Changes to be reviewed with the schedule of 26SEP04 in an 80000 (100)04 review in the schedule of 26SEP04 as per the implementation step</p> <ul style="list-style-type: none"> <li>-&gt; BOP: 26-Sep-03/26-Sep-03 22-AUG-04</li> </ul> <p>Issue of 10000 specification (checklist) for coating 10000 in Ford until 26SEP04</p> <p>26SEP04 to check 10000 complete AP30-date for the P1 issue - done</p> <p>Cost price above for coating 10000 self-managing, due to high project costs and short circumstances the quote will be made in May 2004</p>
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EN04-023 5867









7	Notes	22-Jan-04	13-Feb-04	28-May-04	C. Conley	<p>1. Problem to be solved: Motor by A. 1000          2. Design by J. R. 1000          3. DC/120 1000          4. Design by J. R. 1000          5. Design by J. R. 1000</p>
8	Specification	13-Jan-04	4-Feb-04		S. Parnas W. Bartschke	<p>1. Design by J. R. 1000          2. Design by J. R. 1000          3. Design by J. R. 1000          4. Design by J. R. 1000          5. Design by J. R. 1000</p>
9	Finalizing Pricing	3-Mar-04	12-Mar-04	12-Mar-04	S. Parnas	<p>Target in May 04 SCP          Finalize approval for release          T. Check with working on page with M. 1000, Need PO from Ford to proceed</p>
10	Put drawing into shop drawings	22-Mar-04	3-Apr-04	3-Apr-04	M. 1000	<p>Drawing updated in shop drawings with accuracy of part. Location of the gear is shown in shop drawings</p>



1	Testing	13-Jan-04	7	23-Mar-04	R. Ford	23-Mar-04	<p>Ford has requested 80 pieces (right side) for the test with 6.2 mm played off lower base.          Think to quote samples. RPO sent to TW on 1/13          120 - 200 modules - need to buy at least 20 modules.          Brose requesting CPWIS order.          122 - Sample cost too high. R. Ford is talk. with TW directly for potential improvements.          TW will send 200 sample parts to Brose with A-test gasket material (4x1000) -&gt; Brose to build up module for the try out          in the meeting with Randy Ford 22-Mar-04, Randy said using the A-test modules shows big improvement.          Wants to have post and lining for delivery only parts from A-test or getting other tests in same test-cases condition</p>
2	address conf. and timing and forward to FORD	25-Mar-04	27-Mar-04	27-Mar-04	T. Gately		
1	Testing	4-Feb-04	7	7	O. Hurdell		<p>SA - Need required PV data from Ford          Sancy is set up a fixture with Ford (Timing, Mark plate) for week of 3/1/2004</p>
1		24-Feb-04	7	7			Sancy is set up a fixture with Ford (Timing, Mark plate) for week of 3/1/2004
1		24-Feb-04	7	7			Sancy is set up a fixture with Ford (Timing, Mark plate) for week of 3/1/2004 or New test to be carried out at Wayne
1		24-Feb-04					<p>Sancy is set up a fixture with Ford (Timing, Mark plate) for week of 3/1/2004          2 Samples produced and handed over to Randy Ford          Routine DVP with Randy Ford and Scott Ruckert (with 2 courses for Mo cycle test required)</p>



CIRCULATION: TO: Parag Athiya, Stacy Pashkovic, David Russell, Ivan Miranda, Javier Arraga, Cristobal Jurado, Jose Guerrero, Thomas Howell, Alex Williams, Paolo Vizzano, Joergen Bartoch

5-Digit: 26737

Fordtel: 323-6737

International: 313 323-6737

Domestic: 800 367-3540

Call-In:

Host:

Participant:

Author:

Print Date:

21282209

P. Athiya

29-Oct-04

CC: Jim Barbarella, Evarado Rojas,

Last Update: 8/15/2003

CUSTOMER:

PROJECT:

TIME:

C171 Hood Latch & Striker (Current and Future business)

3-5:30 every other Thursday

Closed issues are listed on other page.



55	Current Production	Need CR elimination - need authorization from Ford purchasing to proceed with this change and the required testing.	Howells	4/2/2003	5/25/2003	<p>Issue needs to provide estimated costs for this engineering change - development. Athiya presented plan for alternative coating to Ford. Issue to get quotes to compare options. Possible to present proposal to Ford. Explain why some coating is higher for based on application method. Issue to provide quote for production and prototype piece cost by Friday, 10 AM.</p> <p>Opt 1: Zinc Prod. pc price chg / testing: -\$0.02 / \$0          Opt 2: ZnCoat: Prod. pc price chg / testing: +\$0.145 / \$0          Opt 3: E-Coat: Prod. pc price chg / testing: -\$0.18 / \$0</p> <p>Testing costs: TBD, once # of tests and DUP&amp;R are signed off and agreed to.</p> <p>Ford has decided on option 1 (Zinc w/ E-coat for chrome lever and backplate, Magna 855 for rest of components). DUP&amp;R updated, need Ford to sign off on updated DUP&amp;R.</p>
56	Current Production	Need design change to increase pull back cable lever force to be > 18N	Howells	4/2/2003	5/24/2003	<p>Low cable pull back force was explained to be in the same range from being of the program. Wrong measurement method at plant did not detect this variation. Alert written to allow teams to ship parts with force &gt;= 4.4N. Reps received new spring prototypes (1.8mm wire, 6.2 coils). Latches ready for testing. Need PUP&amp;R signed off by Ford. Issue sent quote for production and prototype costs for parts with new spring on June 25. Ford to approve PUP and results after completion and wait concern to reduce this change.</p>

Still open

EP04-023 5973

**CIRCULATION TO:** Patrick Ahaiye, Stacy Pashlopis, David Randall, Ross Miranda, Javier Arango, Cristobal Jurado, Jose Guerrero, Thomas Howells, Alex Williams, Paolo Vaccaro, Juergen Bartsch

S-Digit: 38737  
 FORDM 323-8737  
 International 313 323-8737  
 Domestic: 500 367-3640

**CC:** Jm Barbarito, Gerardo Rojas,

**Host:**

**CUSTOMER:** [Redacted]  
**PROJECT:** D175 Hood Latch & Striker (Current and Future business)  
**TIME:** 9-3:30 every other Thursday

**Last Update:** 5/15/2003

**Participant:** 212829298  
**Author:** P. Ahaiye  
**Print Date:** 29-Oct-04

*Closed Issues are listed on other pages.*

Issue ID	Category	Description	Assignee	Start Date	End Date	Status	Comments
07	Current Production	Based on results of APG testing, need to determine new specification for cantilever resistance requirement. Current requirement is 480 lbs. Broke requests 240 hours.	Howells	4/25/2003	5/29/2003		Complete requirements on other similar jobs were broken to be under 480 lbs. Howells will change comparison requirement if parts on APG pass 18 cycles for appearance. Waiting for testing at APG to be completed. Estimated re-locks. New NY 2008 Hood Latch sent out to APG on 5/28. Need Howells to confirm size received and put on test already. Broke to start lock with new testing for APG testing.
08	Current Production	Remove plastic clip from the release lever and add cutting operation on the sharp edges if necessary.	Ahaiye	6/24/2003	6/26/2003		Broke to provide finished up part to supplier and get quote.
18	Current Production	Guerrero wishes to change grease suppliers. Broke requesting no con monthly concern.	Ahaiye	6/24/2003	6/26/2003		Broke to provide completion between grease specs of both suppliers.
11							
12							
13							
14							
15							
16							
17							
19							

Still open

Open need testing

**CIRCULATION:** TO: Dick Lichen, Tony Gineay, Tim Taylor, David Runtell, Ivan Miranda, Javier Arriaga, Cristobal Jurado, Jose Guerrero, Peter Heenkamp, Alex Williams, Paola Vaccaro, Juergen Berlach

6-Digit 34737  
 Call-In: Fordtel 323-6737  
 International 313 323-6737  
 Domestic 800 357-3640

**CC:** Jim Barbarotta, Gerardo Rojas,

**Host:** —  
**Participant:** 21282284  
**Author:** P. Athalya  
**Print Date:** 29-Oct-04

**CUSTOMER:** [REDACTED] Last Update: 5/15/2003

**PROJECT:** C170 Hood Latch & Striker (Current and Future business)

**TIME:** 3-3:30 every other Thursday

Closed Issues are listed on other page.

Issue ID	Issue Title	Description	Author	Created	Resolved	Comments
02	MY 2005 N800 E 11830711 Q80	Striker Arm coating change requested by Ford to improve welding process at Ford Wayne & Harroville	Athalya	4/2/2003	5/30/2003	<p>MY 2005 coating is different than current production coating. Newly selected coating does not weld as well as the current zinc yellow Cr (current production) coating. Brose to provide testing costs for changing to a new coating and any piece price impact.</p> <p>Opt 1: Clear: Prod. pc price chg / tooling: \$0.63 / \$0            Opt 2: Magick: Prod. pc price chg / tooling: \$0.67 / \$0            Tooling costs: Only if DV testing needs to be repeated, then add'l costs of \$5,000.</p> <p>Cannot use proposed coatings because Ford is not already using these coatings for welding. Coating suppliers investigating if there are any low-free coatings Ford is already using for welding that meet the 480 hr salt spray. Ford has decided to release the current coating at this time which is used on the current hood latch striker. Quotation sent to Ford. Notice to be released by Jurado.</p>
08	MY 2005	Concern to release low chrome free production coating for Hood Striker assembly for Job 1 + 30 days	Heenkamp	4/25/2003	11/1/2003	<p>Heenkamp to choose coating for production implementation after testing at Wayne assembly. Athalya to update CAD models to reflect this change. Update Ideas that trace information for Hood Striker assembly. Cannot use proposed coatings because Ford is not already using these coatings for welding. Coating suppliers investigating if there are any low-free coatings Ford is already using for welding that meet the 480 hr salt spray. Recommend to use Magick coating agreed to.</p> <p>After August 15th, can do 2000 pc trial. Request Ford to arrange for this trial at Wayne assembly. Brose sent quote for 2000 prototype parts on Jun 26. Waiting for GPIRS order from Ford to proceed.</p>
10	MY 2005	Ask deviation for salt spray resistance requirement on the riveted end of pin with Zinc Yellow Chrome coating	Heenkamp	6/24/2003	8/27/2003	<p>Hood Striker bracket and Pin are coated with zinc yellow chromate prior to riveting. Brose sent an e-mail on Jun 26 asking for this deviation.</p>

**CIRCULATION:** TO: Dick Litchon, Tony Glasay, Tim Taylor, David Rundell, Ivan Miranda, Javier Arriaga, Cristobal Jurado, Jose Guerrero, Peter Hasenkamp, Alex Williams, Paolo Viasano, Juergen Bartsch

5-Digit 36737  
 Fardnet 323-6737  
 International 313 323-6737  
 Domestic 800 367-3640

CC: Jim Barbarita, Gerardo Rojas

Host: ---  
 Participant: 212829269  
 Author: P. Alhalye  
 Print Date: 29-Oct-04

**CUSTOMER:** [REDACTED]  
**PROJECT:** CT70 Hood Latch & Striker (Current and Future business)  
**TIME:** 3-3:30 every other Thursday

Last Update: 5/15/2003

Closed issues are listed on other page.

11	MY 2005	Remove physical dip from the release lever and add coating operation on the sharp edges if necessary.	Alhalye	6/24/2003	8/30/2003		Brose to provide marked up print to supplier and get quote.
12	MY 2005	Hex chrome elimination on Hood Latch - 6 components	Hovvits	6/24/2003	TBD		Waiting for decision on current production. Reference open issue 05 from current production list. The same coatings will be used for the takeover program.
13	MY 2005	Torsion spring change to get cable pull back force to >10N specification	Hovvits	6/24/2003	TBD		Brose submitted quote for the torsion spring change on Jun26. This will be a change carryover from current production. Refer to issue 06 from current production list.
14							
15							
16							
17							
18							

PROJECT: C175 Head Latch & Striker (Current and Future business)

CIRCULATION: TO: Parag Athaiya, Stacy Pechnikopie, David Rundell, Ivan Miranda, Javier Arriaga, Ciriobal Jurado, Carlos Infante, Thomas Howells, Alex Williams, Stan Sidba, Jurgen Barlach

Call-In: 6-Digit: 36737  
Fordnet: 323-6737  
International: 313-323-6737  
Domestic: 800-367-3640

CC: Jim Barbarello, Gerardo Rojas

CUSTOMER: [REDACTED]

Host: [REDACTED]  
Participant: 212829208  
Author: P. Athaiya  
Print Date: 28-Oct-04

PROJECT: C175 Head Latch & Striker (Current and Future business)

TIME: 3-3:30 every other Thursday

MY 2002 Head Latch & Striker (Current and Future business)									
DATE	TIME	TOPIC	PRESENTER	ATTENDEES	STATUS	REMARKS	CONTACT	OWNER	APPROVER











5-Digit 36737  
Fornel 323-6737  
International 313 323-6737  
Domestic 800 367-3840

2-12/29/98

P. Athalye

29-Oct-04



ERR4-QZ3 5061