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

From: Willey, James (J.H.)
Sent: Thursday, January 24, 2002 2:12 PM
To: Aitken, Brian (B.T.); Solak, Jennifer (J.A.); Cragel, Daniel (D.F.)
Subject: FW: Sled 137 [redacted] Rating

Attachments: SA 137 Rate-[redacted].xls; 40s13702.jpg; 40s13711.jpg

corrosion results.

-----Original Message-----
From: Starbowski, Rob (R.G.)
Sent: Thursday, January 24, 2002 1:09 PM
To: Willey, James (J.H.)
Subject: Sled 137 [redacted] Rating

Attached are the ratings and photos after completing [redacted] of corrosion testing.

SA 137 Rate-[redacted].xls 40s13702.jpg 40s13711.jpg

Rob Starbowski
Corrosion Protection Engineering
Materials Engineering, Testing & Standards
Building #3, Cube 1A060
Phone: (313) 322-0550 Fax: (313) 621-0764

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From: Willey, James (J.H.)
Sent: Thursday, May 23, 2002 10:54 AM
To: Solak, Jennifer (J.A.); Lorenz, Matt (M.D.); Cragel, Daniel (D.F.); Utley, Thomas (T.J.)
Cc: Aitken, Brian (B.T.)
Subject: FW: Sled 137 [redacted]

Attachments: SA 137 Rate-[redacted]xls; 90s137004.jpg; 90s137019.jpg

Lateste corrosion photos.

-----Original Message-----
From: Starbowski, Rob (R.G.)
Sent: Monday, May 13, 2002 12:25 PM
To: Willey, James (J.H.)
Subject: Sled 137 [redacted]

Attached are the photos and ratings after completing [redacted] of corrosion testing.

SA 137 Rate-90cycle.xls 90s137004.jpg 90s137019.jpg

Rob Starbowski
Corrosion Protection Engineering
VEV - Materials Engineering, Testing & Standards
Building #3, Cube 1A060
Phone: (313) 322-0550 Fax: (313) 621-0764

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PE10-036 000025

[redacted]

[redacted]

[redacted]

[redacted]

[redacted]

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From: Covert, Tim (T.)
Sent: Wednesday, September 15, 2010 12:48 PM
To: Bergeron, Leon (F.L.)
Subject: FW: Truck Fuel Tank Straps

Attachments: Truck Fuel Tank Straps.zip

Leon,

Please see Lu Ann's chart and new photos.

Tim Covert
Regards,
Senior Materials Engineer
Bldg. Central Lab, Cube 122A
(313)-805-4822) FAX (313)
tcovert@ford.com
MET&s Home Page: https://www.tc2.ford.com/ts/METS/default.aspx

---

From: Billings, Lu Ann (L.F.)
Sent: Wednesday, September 15, 2010 10:28 AM
To: Covert, Tim (T.)
Cc: Starbowski, Rob (R.G.); Minnich, Kathy (K.P.)
Subject: Truck Fuel Tank Straps

Tim,

Here is the additional info you requested (truck matrix and photos). I found that I missed a 1998 PN96 that was labeled F150. There was no failure. The tank strap appears to be ecoated in the photo.

Truck Fuel Tank Straps.zip

Lu Ann

[redacted]

ENTIRE PAGE CONFIDENTIAL BUSINESS INFORMATION

[redacted]

ENTIRE PAGE CONFIDENTIAL BUSINESS INFORMATION

[redacted]

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CONFIDENTIAL BUSINESS INFORMATION

PE10-036000035

564W920
05/25/01
NAVIGATOR
[redacted]
FILE # CSW920068B
CP
CONFIDENTIAL BUSINESS INFORMATION
284
6192
PE10-036000036

CONFIDENTIAL BUSINESS INFORMATION

PE10-036000037

CONFIDENTIAL BUSINESS INFORMATION

PE10-036000038

206W403 P221/F150
04/01/04 [redacted]

FILE # CSW403060U

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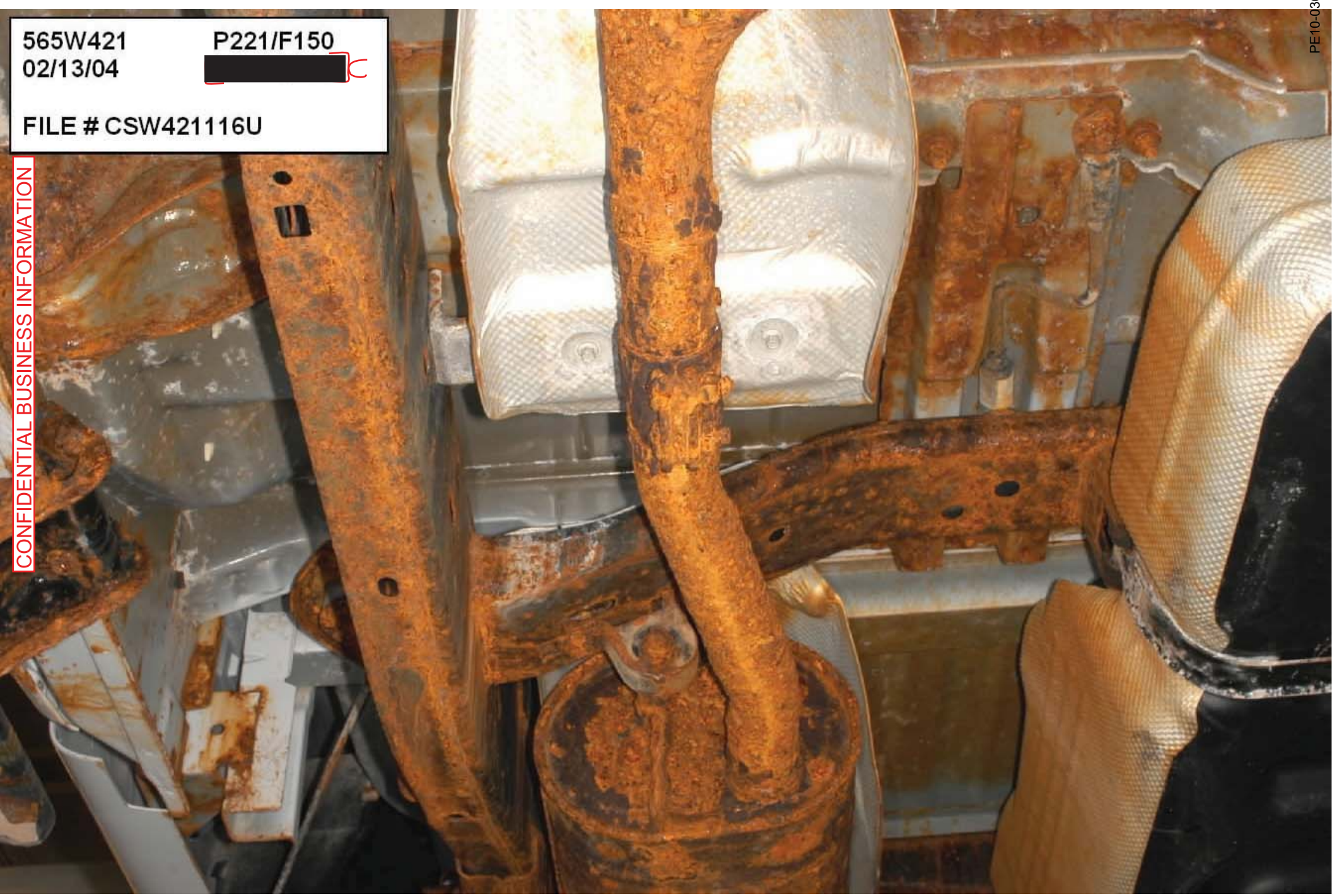
PE10-036000039

CONFIDENTIAL BUSINESS INFORMATION

PE10-036000040

PE10-036000041



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PE10-036000042

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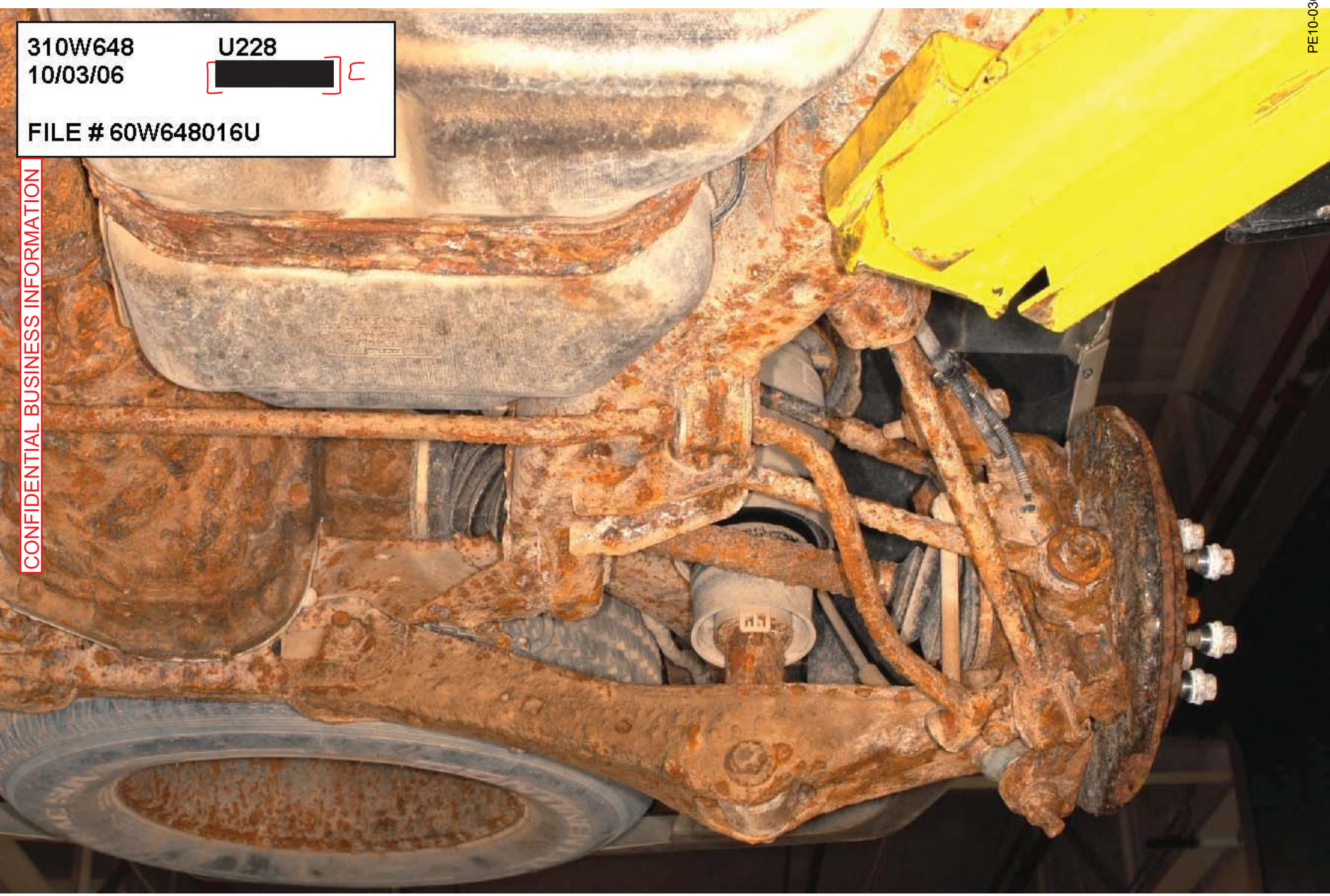
PE10-036000043

CONFIDENTIAL BUSINESS INFORMATION



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PE10-036000045

CONFIDENTIAL BUSINESS INFORMATION

310w439 P415
08/11/08 [redacted]

FILE# 12W439308U

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PE10-036000046

From: Billings, Lu Ann (L.F.)
Sent: Monday, September 13, 2010 3:12 PM
To: Covert, Tim (T.)
Cc: Starbowski, Rob (R.G.)
Subject: PN96 Fuel Tank Strap Corrosion Test Failures

Attachments: PN96 Corrosion Test Failures.xls; 318T505 82t50501.jpg; 517W032 80w03201.jpg; 517W032 80w03202.jpg; 517W032.xls; 200W00and002and008-Failures Summary-8.jpg; 516T889and890 Test Summary-5.jpg; 318T505 DURIS Incident 141341.htm; 318T505 DURIS Incident 141340.htm

Worksheet

PN96 Corrosion Test Failures.x...

Available Photos

318T505 82t50501.jpg
517W032 80w03201.jpg
517W032 80w03202.jpg

Data Sheets

517W032.xls
200W00and002and008-Failures Su...
516T889and890 Test Summary-5.j...
318T505 DURIS Incident 141341....
318T505 DURIS Incident 141340....

ON

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PE10-036000061

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PE10-036000062

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PE10-036000063

PE10-036000065

PE10-036000066

10-036000067

0-03600070

0-036000071

[redacted]

CORROSION ISSUES SUMMARY

1999 PN96 CPF FLARESIDE 4.6 LITER, Auto 4x4

TAG #[redacted]

100 CYCLES OF APG CORROSION TESTING CETP:00.00-R-311

Start Date:6/03/97 End Date: Test Completed 1/15/98

Item #		CPSC ID	System or Component	APG Cycles	Issue Description	WCR Corrosion Requirement	WERS Concern	Issue Status	Comments
PMT 3 - INTERIOR TRIM & STEERING									
PMT 4 - INSTRUMENT PANEL									
PMT 5 - SEATS/RESTRAINTS									

PE10-036000073

PE10-036000076

PE10-036000077

PE10-036000078

PE10-036000079

[redacted]

PE10-036000081

[redacted]

PE10-036000083

PE10-036000085

PE10-036000088

[redacted]

PE10-036000090

[redacted]

PE10-036000092

Part Substituition List		
Cycles	Part	Description
0	compressor	updated compressor F77H19D629CA with new production F2Cz19D786A disc/hub F10Y19D798A Field Coil Jacj Bedwell
0	rear brakeline supply line	XL3422-64BA Nylon galfan
0	left frt brakeline	XL2264BA BA2 Nylon /Galfan
5	Frt Bumper	"Cold rolled bumper XL3417750ABL
23	compressor	produvtion compressor installed F75H19d629BA
30	wiper motor	F65Z17505AB
30	overslam bumpers	s427
31	trailer tow	top coat + ecoat
40	power steering line	new F75Z3A713RBI
43	starter motor	new F81A11000 AA starter
47	starter solenoid relay	new E9TZ11450-b
47	38/42 beauty cover shield	part missing?
49	brakeline from ABS to l/f flex	fabricated
49	brake rear supply line	fabricated
50	p/s pump to gear press line	new F65Z3A719CA
53	rear bumper bolts	new s301 rh & s426 lh
53	power steering gear top cover	F7AC3583AA used gear assy
53	air cleaner barrel clamps	Jim Bielicki request
53	lh&rh rear brakeline	fabricated
57	frt calipers both	new F75Z2B120/1
57	lh frt brake flex line	new F65Z2078
60	Frt Chassis & transfer case shield	autophoretic painted F6TA-9C034AA &F6TA-9C038-AB photographed @65
60	test bumper bolts	2 N811515S301 LH & S426 RH
60	Headlight retainers	Zinc plate + ecoat
60	inoperative door ajar switch	replaces with used component
63	air cleaner barrel clamps	Jim Bielicki request more parts ?
68	motor/wiper linkage seized	installed new F65Z17508ab motor/linkage
68	rear drive shaft	new F65z4602ea
69	updated torsion bar adjuster bolts	Dave Mcreadie request
70	rh t/g latch	new (?) f65Z9943150ae
71	update alternator f75u10300-CA Andy Herteg	
72	new axle cover F4TZ4033-A	

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73	updated rear bumper from Flex-n-	with mylar s301 vs s426									
73	updated barrel clamps after 10 cycles Jim Bilecki										
78	fuel filler pipe &vent		new part no part #								
80	fuel tank straps broken		new F75Z9054HA &MA								
80	muffler inlet pipe		fabricated sleeve								
80	horn assembly		new F75Z13832								
80	lh frt shock		new F65A18045hb								
81	power steering return line		new F75Z3A713RC return line								
82	fuel return line		repaired with rubber hose								
88	left fuel rail f75e-9F792-DB(new)										
90	installed S427+ Nylon coation on l/h outer most locqation S301 + double topcoat on outer most RH										
90	serpentine drive belt		new f^%Z8620JB								
93	installed new test bumper with s301/406??										
93	installed new lh rr shock F65A18080-dc										
95	power steering return line		new F75Z3A713TB return line								

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Photo #	Description						
05W03201-2	Frt Bumper inner surface						
20W03201-50	"20 cycyle" photos						
30W03201	rusty fuel filler door & fastener						
30W03202	fuel filler pipe fasteners						
30W03203	wiper motor						
30W03204	?						
30W03205	?						
35W03201	rear backing plate unserviceable						
35W03202	torsion bar adjusters unserviceable						
35W03203	rear backing plate unserviceable						
35W03204	?						
40W03201	Alum A/C condensor line fitting			(Need)			
40W03202	rear door inner trim panels door seal links						
40W03203	Power steering gear to cooler line perforated						
40W03204							
43W03201	rear axle cover						
44W03201	frt bumper reinf						
44W03202	frt bumper reinf						
44W03203	frt bumper reinf						
44W03204	frt bumper reinf						
44W03205	frt bumper reinf						
44W03206							
44W03207	red rust at hockey stick						
44W03208	red rust at hockey stick						
49W03201	ABS to flex brakeline						
49W03202	rear supply brakeline (nylon over galfan)						
50W03201	power steering pump to gear pressure linegear to cooler line perforated						
50W03202	l/r door upper hem						
50W03203	inner adjacent to hem						
50W03204	lower hem						
50W03205	headlamp retainers						
50W03206	red rust at roof ditch						
51W03201	wheel ornament fell off						
53W03201	p/s gear top cover						

53W03202							
53W03203							
53W03204	muffler clamp not serviceable						
53W03205	lh rear brakeline						
53W03206	rh rear brakeline						
53W03207	p/s gear top cover						
57W03201	lh frt flex line						
57W03202	lh frt caliper						
57W03203	rh frt caliper						
60W03201-32	60 cycle photos						
65W03201&2	autophoretic chasiss & transfer case shield after 5 cycles						
65W03203	transmission cooler line perforation						
66W03201&2	Rear bumper bolts s301 LH vs S426 Rh						
70W03201	door perforated at hockey stick						
70W03202	door perforated at hockey stick						
70W03203							
70W03204		27-Oct					
70W03205							
70W03206							
70W03207	transfer skid plate@ 10 cycles						
70W03208	frame skid plate @ 10 cycles						
70W03209-12	trailer towing						
73W03201&2	inside surface of previous bumper						
78W03201	perforated fuel filler pipe						
80W03201&2	perforated fuel tank straps						
80W03203	muffler inlet pipe						
82W03201	fuel return line at rigid tube leaking						
88W03201	LH fuel rail perforated						
90W03201	Updated bumper bolts s427 lh and s301 double topon Rh						11-Dec
90W03202							
90W03203							
90W03204							
90W03205							
90W03206	cab floor pan crossmember perforated						
90W03207	cab floor pan crossmember perforated						
90W03208	antenna base corroded and bleeding						
CW03201							
CW03202							
CW03203	fuel tank perforation						
CW03204	p/u box floor pan perforation						
CW03205	lh rear shock mounting bracket						
CW03206							

2	CORROSION SIGN-OFF/BODY (R. REGER/P. ELIA/R. WOODALL)							
	- Please note correction in test completion dates: PN vehicle testing							
	complete 1/15/98. UN vehicle testing has completed 77 cycles.							
	- R. Woodall to send out meeting notice on corrosion vehicle reviews.							
	Issues							
	******							
	- 101 Hood Latches & Strikers - Open to AVT for recommendation.							
	R. Woodall to provide recommendation date.							
	- 102 Weatherstrips - Old design tested. P. Elia to evaluate vehicle							
	to determine old vs. new design variances.							
	- 103 Tailgate Hardware - AVT assistance required. R. Woodall to							
	provide AVT contact name.							
	- 104 H/L & Adjusting Components - R. Woodall recommends update to zinc							
	plating for 2000 MY.							
	- 105 Front Side Doors - AVT for recommendation. R. Woodall to provide							
	AVT contact name.							
	- 106 to 112 Front/Rear Side Doors - Defer dispostion pending results of							
	National Body Corrosion Survey scheduled for summer of 1998.							
	- 113 Body Side Door/Handles/Latches - M. Ayub recommends 1999 running							
		VIEW THE NOTE			E01			
	0	113 Body Side Door/Handles/Latches - M. Ayub recommends 1999 running						
		change and will work with AVT to resolve.						
	0	114 Front Fenders - R. Woodall/R. Westphal to work with G. Wight AVT for						
		action recommendation.						
	0	115 Front Fenders - Defer pending vehicle walk-around.						
	0	117 Roof-Body - Testing stainless rivets. If test is successful,						
		release for future model program. P. Elia to provide cost status.						
	0	118/119 Front/Rear Side Doors - Defer disposition pending results of						
		National Body Corrosion Survey scheduled for summer of 1998.						
	0	120 Fuel Filler Door - R. Woodall to provide information on which						
		fastener failed to P. Elia. P. Elia to review paint process.						
	0	121 to 124 Fuel Filler Door/Frt Side Doors/Frt Fenders/Body Rear End -						
		Defer disposition pending results of National Body Corrosion Survey						
		scheduled for summer of 1998.						
	0	125/126 Body Rear End/Frt Fenders - R. Woodall to review and determine						
		if these are red rust issues -- may defer pending results of.						
		National Body Corrosion survey.						

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	0	128 Pickup Box - R. Woodall to provide recommendation as well as
		Chevrolet status to R. Westphal.
	0	129 Rear Side door - M. Ayub to work with AVT to resolve.
	0	130 Tailgate - Defer to Fastener Engrg for clarification. R. Woodall to
	VIEW THE NOTE	E01
	- 130 Tailgate - Defer to Fastener Engrg for clarification. R. Woodall to	
	ensure Gorton Greene's activity is notified of this issue.	
	- 131 B/S Doors, Handles & Latches - Gorton Greene activity recommendation	
	required. R. Woodall to ensure G. Greene's activity is notified of	
	this issue.	
	- 132 Sealing Subsystem - New seals released - Close.	
	- 133 to 139 Body Sie & Qtr/Frt Side Drs/Pickup Box/Rr Side Drs - Defer	
	disposition pending results of National Body Corrosion Survey	
	scheduled for summer of 1998.	
	- 140 Frt Side Doors - R. Reger to follow up.	
	- 141 Roof-Body - Part not representative - Close.	
	- 142/143 Pickup Box/Rr Side Doors - Defer disposition pending results	
	of National Body Corrosion Survey scheduled for summer of 1998.	
	- 144 Rad Grille & H/L Bezel - R. Woodall to recommend a permanent	
	change and to handle with PVT.	
	******	
	- Remaining Body Corrosion issues will be reviewed at the 2/5 Design	
	Review.	
	- R. Woodall to provide names of AVT contacts to invite to the 2/5	
	Design Review.	
	FROM: J. C. Paschal	USAET(UTC -05:00)
	Subject: Corrosion Issues	
	Please note hte following completed actions to close out corrosion	
	issues and to assign several other issue to the proper PMT. These	
	are included in the report on PN96 Tag 517W032.	
	Item 144 - Radiator Grille & Headlamp Bezels - Reassign to PMT #2.	
	Item 204 - Cowl Grille Fasterners - Reassign to PMT #1.	
	Item 208 - Pick-up box tie down cleats - Reassign to PMT #1.	
	Item 206 - Close out to cahnge C10759716 - The issue was the body	

PE10-036000098

	of the lamp broke during durability, allowing water into the lamp.							
	The change has improved the lamp structure. This has been proven							
	effective thru vibration and RPC tsting.							
	Regards,							

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Ranger at 6 cycles					
Fuel Tank straps					
Rear Axle LH & RH					
Transmission cooler line hoes clamps thru grille					
Rear brake backing plates LH & RH					
Belt Molding at mirror					
windshield wiper arms at clips					
hood latch					
rad support multipul sights					
hood ground strap					
door check roller at plate					
bumper outer reinf bolts					
frame visible on ground frt & rear					
brake booster at crimps hose clamps & master cylinder attachment studs					
under hood engine mounts					
gas cap removed					
A/C compressor pulley & bolts					
Accessory pulley shafts & crankshaft pulley					
EGR Body & bolts					

ENTIRE PAGE CONFIDENTIAL BUSINESS INFORMATION

PE10-036000101

ORMATION

-036000102

Detailed Incidents Report

Incident: 141341

Program: CORROSION
Sub Program: 1997 MY CORROSION VEHICLES
[redacted] - FORD - F150 - - - 4.6L - - 4WD

Vehicle [redacted]

D Incident FUEL TANK FRONT STRAP PERFORATED / BROKEN DUE TO C (No:141341)

FUEL TANK FRONT STRAP PERFORATED / BROKEN DUE TO CORROSION.

Date: 23-DEC-97 **Odo:** 7040 M **Test:** R311 **%Comp:** 88
CPSC: 10.01.02 **Crcr:** **Status:**
PMT: 3D Fuel System & Chassis Related Emission Components
Meets ARL: **Serviceability:** N
Reported:
Update No: **Status:**
Shipped To: **Shipping Date:** **Invoice No:**
Action **NO REPLACEMETN STRAP AVAILABLE. MODIFIED A F75Z-9**

NO REPLACEMETN STRAP AVAILABLE. MODIFIED A F75Z-9054-GA STRAP TO FIT.

Date: 23-DEC-97 **Odo:** 7040 M
Parts
Pics/Docs
Replies

GIVE YOUR REPLY

LAST UPDATED ON BY

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PE10-036000103

Detailed Incidents Report

Incident: 141340

Program: CORROSION
Sub Program: 1997 MY CORROSION VEHICLES
[redacted] - FORD - F150 - - - 4.6L - - 4WD

Vehicle [redacted]

D Incident FUEL TANK REAR STRAP PERFORATED FROM CORROSION AND (No:141340)

FUEL TANK REAR STRAP PERFORATED FROM CORROSION AND BROKE.REFER TO PHOTO 82T50501

Date: 08-DEC-97 **Odo:** 6560 M **Test:** R311 **% Comp:** 82

CPSC: 10.01.02 **Crcr:** **Status:**

PMT: 3D Fuel System & Chassis Related Emission Components

Meets ARL: **Serviceability:** N

Reported:

Update No: **Status:**

Shipped To: **Shipping Date:** **Invoice No:**

Action **NO REPLACEMENT TANK STRAP AVAILABLE -- MODIFIED A**

NO REPLACEMENT TANK STRAP AVAILABLE -- MODIFIED A F65Z-9054-MA STRAP TO FIT.

Date: 08-DEC-97 **Odo:** 6560 M

Parts

Pics/Docs

Replies

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PE10-036000104