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**From:** Wenger, Daniel (D.)  
**Sent:** Wednesday, July 21, 2004 8:40 AM  
**To:** Campbell, Keith (K.A.)  
**Cc:** Jones, Rick (W.P.); George, Tim (T.)  
**Subject:** 2004 Expedition Cracked Wheel

**Attachments:** 2004.Expedition.wheel - 50298.pdf

Keith, attached is a copy of the report for the cracked wheel we talked about yesterday. I showed the wheel to Rick and since this is a first for this model and wheel we would like it sent to Central Lab for analysis.



2004.Expedition.wh  
eel - 50298....

Dan Wenger  
ECI- Enhanced Concern Identification  
dwenger (313-24-85418)

## Draft -- Preliminary Assessment

*This data is for use as one of several potential "awareness" indicators for the Ford Motor Co. Tire Early Warning System. It is unverified, draft, summary data generated from a computer "word search" of customer and technician symptom comments. Tire Manufacturer data is unverified. The actual root cause of the customer concern described is not established by this summary.*

## Claims Listing

VIN CD = '1FMPU14W34L

## Count by Incidents

Model Year	Vin	Vehicle Line	Assembly Plant	Month of Production	Orig.Tire Manufacturer	Orig.Tire Brand	Orig.Tire Size	Claim Key	Source System Key	Data Src
2004	1FMPU14W34L	EXPEDITION	MICHIGAN PLANT BUILD	OCT-2003	CONTINENTAL	CONTITRAC SUV 113S	P265/70R 17 A/S BSW	8005519	1134087	AWS
* Symptom Code: <a href="#">TE1</a> Orig.Plant Cd: Actual Mfgr: <a href="#">CONTINENTAL</a> Actual Brand: <a href="#">CONTITRAC SUV 113S</a> Actual Size: <a href="#">P265/70R 17 A/S BSW</a>										
CCC: B65 Full Part: 2L1Z-1015-AA Rep Date: 16-JUN-2004 Load Date: 25-JUN-2004 Mileage: 31011 TIS: 8 Mat Cost: 114.84 Tot Cost: 134.67 P/A Code/Sub: 03553/* Wheel desc: 7.5 X 17 STEEL WHEEL										
DOT Row	LF = ADT645PB3803 RF = ADT645PB3903 LR = ADT645PB3803 RR = ADT645PB3903 LI = * RI = * Spare = ADT645PB3903									
Cust Symp Cd: TE1	Comments: CHECK RT. REAR WHEEL HAS A LEAK, REPORT									
Tech Symp Cd: TE1	Comments: WHEEL SEPARATED TIRE(S) OR WHEEL(S) REPLACE									
<a href="#">Concern Analyst Comments:</a>										
<a href="#">Severity Cd:</a>	[ ] - ACCIDENT (Alleged) [ ] - INJURY (Alleged) [ ] - ROLLOVER (Alleged) [ ] - FATALITY (Alleged) [ ] - NON-COLLISION DAMAGE (Alleged)									
*** This is unverified, draft, summary data. Please read the full disclaimer at the beginning of this report										

Total number of Claims fetched: 1

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**From:** Thompson, Lena (L.M.)  
**Sent:** Tuesday, March 04, 2008 9:01 AM  
**To:** Pietrzak, Kenneth (K.E.)  
**Subject:** RE: Report Summary for the CQIS Report#8CCAB144

Ken...  
voicemail

Regards,  
Lena M. Thompson  
PVT & New Model Launch, Program Manager, FCSD  
Expedition/Navigator -- Michigan Truck Plant  
phone 734-467-0848 cell/text pg 734-320-8461  
[lthomp18@ford.com](mailto:lthomp18@ford.com)

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**From:** Pietrzak, Kenneth (K.E.)  
**Sent:** Tue 3/4/2008 7:29 AM  
**To:** Thompson, Lena (L.M.)  
**Subject:** FW: Report Summary for the CQIS Report#8CCAB144

FYI. Older vehicles used as police vehicles.  
ECI has been involved with these for years.  
CCRG states they are being used outside scope of vehicle production.  
Your thoughts?


***Kenneth E. Pietrzak***  
***FCSD PVT/PCE Expedition/Navigator***  
***DSC-1 Cube 163***  
***Phone and Fax 1-313-248-7107***  
***e-mail: [kpietrza@ford.com](mailto:kpietrza@ford.com)***

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**From:** AKING140@ford.com [mailto:AKING140@ford.com]  
**Sent:** Monday, March 03, 2008 2:16 PM  
**To:** Pietrzak, Kenneth (K.E.); Arnold, James (J.)  
**Subject:** Report Summary for the CQIS Report#8CCAB144

this is the second dealership with multiple expedition having cracked rims that i have dealt with

**Attachments :** 0

<b>Report# :</b>	8CCAB144 NHL	<b>Received:</b>	03/03/2008
<b>CCRG/EPRC:</b>	S	<b>Reviewed Status:</b>	<b>Date:</b> 03/03/2008
<b>Vehicle:</b>	2004,EXPEDITION 4X4,XLT ,MPV ,1FMPU16L64L 	<b>Build Date:</b>	03/10/2004

**Odometer :** 999,999 M      **Engine:** 5.4L 2V W      **Calibration:** 4B714E0A  
**Transmission:** 4R75W      **Axle:** 3800F3.73L      **A/C:** YES  
**Dealer:** USA 08518 Robberson Ford Sales, Inc.      **Phone#:** (541) 382-4521  
**City:** Bend      **State:** Oregon      **Country :** USA  
**Originator:** DON JOBE  
**Symptom:** 3 06 0 00 CHASS.,TIRES/WHEELS,OTHER-CODE NA,OTHER-CODE NA  
**Status:**  
**VFG:** V88 TIRES  
**Additional Symptom:** CRACKED RIM  
**Fix:**      **Causal Component :**  
**Condition Code:**

**Hotliner:** AKING140      **Phone:** 313 322-2222      **Regn Cd:** W5 Seattle  
**Engineering:**      **Phone:**      **TAR:**  
**Dlr Contact:** DON JOBE      **Phone:** 541 382-4521      **Title Cde:** AS

**DTCs:**  
KOEO:  
KOEC:  
KOER:

**Comments :**

**REPAIR** 03/03/2008 02:12PM ANTHONY KING MSS - FCSD - TECH SVC HOTLINE  
WEB FORM DATA - CONCERN: STEEL WHEEL SPLITTING AT BEED  
DIAGNOSTICS: NO  
OASIS MESSAGES TECH QUESTION: GENRAL QUESTION; HAVE 3 FOREST SERVICE  
LAW INFORCEMENT EXPEDITIONS TIRES GOING FLAT, FOUND BEED ON THE STEEL  
WHEEL SPLIT SUDDENLY (OUTSIDE BEED) ANY KNOWN CONCERNS ? POSSIBLE  
SAFETY CONCR SINCE MORE THAN JUST ONE VEHICLE. VEHICLE RANGE FROM  
2004 -2006 ALL EXPEDITION  
**RECOMM** 03/03/2008 02:12PM ANTHONY KING MSS - FCSD - TECH SVC HOTLINE  
DONALD, -I HAVE NO KNOWNS FOR THIS CONCERN I AM GOING TO SEND THIS  
REPORT TO THE PLANT FOR FURTHER INVESTIGATION -CONTACT YOUR

REGINAL

MANAGER TO SEE IF THEY WANT YOU TO REPLACE ALL OF THE RIMS OR  
JUST THE

AFFECTED ONES AT THIS TIME

**ADD-ON**

**03/03/2008 02:12PM ANTHONY KING MSS - FCSD - TECH SVC HOTLINE**

THIS DEALER SHIP HAS MULTIPLE VEHICLES WITH CRACKED RIMS THEY  
ARE ALL

ON LAW ENFORCMENT VEHICLES

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**From:** Putz, Chris [cputz@hayes-lemmerz.com]  
**Sent:** Thursday, August 03, 2006 1:36 AM  
**To:** Bagley, Matt (M.R.)  
**Cc:** Frankling, Dave; Heck, Tom  
**Subject:** RE: Preliminary Agenda: 2003 Expedition SSV - Steel Wheel Weld Cracks  
**Attachments:** U222 field analysis matrix Fresno County.xls

Matt,

Please see the attached Excel file for the summary of the information we gathered to date on the Fresno County wheels. This is what we reviewed earlier today. I did have a few notes for you, some of which we already discussed, but for you to have in case a question arises.

First, all wheels were labeled/identified with a tracking number. The labels were FC #\_\_\_\_. Each wheel was visually inspected (similar to EN114) where we look for visual cracks (C-V). These are noted accordingly. All wheels were then leak tested (even the C-V ones) to determine if any leaks and the respective locations. If a leak or crack is found, we mark the ends of the leak/crack so we can map and measure the length. Any wheels that did leak, we classify as L (meaning pin hole type leak) or C-NV (meaning non-visual crack). We also mark the wheels if there are multiple cracks. By the way, we did not see any L wheels. If there are no leaks or cracks found, we classify them as N.

In the matrix as attached, we documented the numbers written on the wheels (we assume are part of the VIN) and mileage. There was no other information or paperwork provided. As well, there is a column for the visual/leak test results and corresponding crack length. There is one change from the numbers I gave you earlier. Here are the final totals: N = 119, C-V = 3 (I think I said 2), C-V double = 1, C-NV = 12, and C-NV double = 1. This adds up to 136. The last four wheels in the matrix had nothing written on them. We still numbered them.

I included all of the uniformity measurements. Wheel FC #82 could not be run on the Akron Standard due to the deformation. This wheel had the largest crack. I believe wheel FC #113 has some evidence of impact. The only good way to verify is to do a CMM. All the other wheels look pretty good. The inboard lateral runout was high on some. Look at how I color coded the uniformity to see how it compares to the print (go to the bottom of the sheet).

I'll try to call you in the morning before the meeting to see if you have any questions.

Thanks,  
Chris

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

**From:** Bagley, Matt (M.R.) [mailto:mbagley1@ford.com]  
**Sent:** Monday, July 31, 2006 3:19 PM  
**To:** Putz, Chris  
**Cc:** Frankling, Dave  
**Subject:** FW: Preliminary Agenda: 2003 Expedition SSV - Steel Wheel Weld Cracks

Chris, Please provide your conclusions of the analysis of the 136 wheels by Wed afternoon. As you can see below we are on the CCRG again at 8:45 on Thursday.

Thanks,

Matt Bagley

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**From:** McClenaghan, Dave (D.)  
**Sent:** Monday, July 31, 2006 3:28 PM  
**To:** Campbell, Keith (K.A.); Bagley, Matt (M.R.)  
**Cc:** Rohweder, David (D.S.); Christensen, Kris (K.S.)  
**Subject:** Preliminary Agenda: 2003 Expedition SSV - Steel Wheel Weld Cracks

Please be advised that the subject concern is tentatively scheduled for review in the BoF-SUV/Panther CCRG meeting on Thursday, August 3 at 8:45 am.

The CCRG meeting is held in conference room: PDC 2B-F28.

Please be prepared to provide a verbal report on the investigation findings. The supplier Hanes-Lemmerz, may be invited to participate in the analysis discussion.

If you have any documents to support the discussion, please provide electronic files to me by 4:00 pm on WED as we are utilizing on-line facilities and do not use or distribute hard-copy documents.

If you have any questions, please contact me.

***Dave McClenaghan***

BoF-SUV/Panther Critical Concern Analyst  
MD 327 GC-D26C PDC  
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Thank you.



U222 Expedition Field Returns - Fresno County Sheriff's Department  
U222 Full-Face Steel Wheel

Wheel #	VIN #	WARRANTY INFORMATION							INSPECTION					UNIFORMITY						
		Vehicle Application	AWS Claim Part Number	Actual Wheel Part Number	Model Year	Vehicle Build Date	Warranty Start Date	Vehicle Repair Date	MIS	Vehicle Mileage	Tire / Wheel Location	Leak Test	Length of Crack (degrees)	Average Radial Runout	Outboard Radial Runout	Inboard Radial Runout	ARIH	Average Lateral Runout	Outboard Lateral Runout	Inboard Lateral Runout
FC #1	3118				FALSE				0.00	48,390		N	---	0.242	0.543	0.190	0.204	0.169	0.198	0.313
FC #2	3118				FALSE				0.00	48,390		N	---	0.352	0.507	0.884	0.211	0.300	0.338	0.654
FC #3	3118				FALSE				0.00	48,390		N	---	0.396	0.555	0.894	0.192	0.476	0.409	0.637
FC #4	3118				FALSE				0.00	48,390		N	---	0.202	0.552	0.545	0.112	0.527	0.601	0.642
FC #5	3119				FALSE				0.00	53,900		N	---	0.255	0.385	0.708	0.167	0.344	0.252	0.706
FC #6	3119				FALSE				0.00	53,900		N	---	0.470	0.362	0.857	0.273	0.460	0.279	0.926
FC #7	3119				FALSE				0.00	53,900		N	---	0.237	0.350	0.403	0.099	0.363	0.613	0.244
FC #8	3119				FALSE				0.00	53,900		N	---	0.214	0.535	0.273	0.012	0.197	0.696	0.715
FC #9	3120				FALSE				0.00	71,192		N	---	0.174	0.414	0.292	0.055	0.330	0.279	0.524
FC #10	3120				FALSE				0.00	71,192		N	---	0.149	0.309	0.161	0.034	0.397	0.437	0.440
FC #11	3120				FALSE				0.00	71,192		N	---	0.321	0.523	0.339	0.085	0.203	0.413	0.293
FC #12	3120				FALSE				0.00	71,192		N	---	0.231	0.318	0.501	0.130	0.508	0.522	0.800
FC #13	3121				FALSE				0.00	59,946		N	---	0.299	0.613	0.817	0.093	0.467	0.349	0.900
FC #14	3121				FALSE				0.00	59,946		N	---	0.238	0.553	0.238	0.100	0.361	0.244	0.680
FC #15	3121				FALSE				0.00	59,946		N	---	0.215	0.507	0.613	0.080	0.377	0.315	0.513
FC #16	3121				FALSE				0.00	59,946		N	---	0.194	0.318	0.329	0.089	0.491	0.577	0.472
FC #17	3122				FALSE				0.00	54,039		N	---	0.196	0.456	0.640	0.082	0.699	0.610	0.872
FC #18	3122				FALSE				0.00	54,039		N	---	0.169	0.446	0.354	0.058	0.151	0.197	0.373
FC #19	3122				FALSE				0.00	54,039		N	---	0.223	0.567	0.290	0.059	0.286	0.388	0.656
FC #20	3122				FALSE				0.00	54,039		N	---	0.242	0.348	0.437	0.163	0.275	0.529	0.182
FC #21	3123				FALSE				0.00	50,721		N	---	0.246	0.476	0.351	0.083	0.304	0.321	0.577
FC #22	3123				FALSE				0.00	50,721		N	---	0.322	0.742	0.440	0.096	0.653	0.385	1.015
FC #23	3123				FALSE				0.00	50,721		N	---	0.295	0.507	0.686	0.193	0.454	0.318	0.873
FC #24	3123				FALSE				0.00	50,721		N	---	0.199	0.279	0.509	0.140	0.443	0.327	0.720
FC #25	3124				FALSE				0.00	55,212		N	---	0.346	0.427	0.626	0.247	0.472	0.289	0.880
FC #26	3124				FALSE				0.00	55,212		N	---	0.379	0.490	0.472	0.112	0.593	0.721	0.765
FC #27	3124				FALSE				0.00	55,212		N	---	0.276	0.417	0.723	0.044	0.243	0.372	0.554
FC #28	3125				FALSE				0.00	67,905		N	---	0.202	0.547	0.430	0.103	0.412	0.292	1.069
FC #29	3125				FALSE				0.00	67,905		N	---	0.284	0.402	0.683	0.152	0.335	0.214	0.676
FC #30	3125				FALSE				0.00	67,905		N	---	0.122	0.381	0.365	0.026	0.225	0.532	0.512
FC #31	3125				FALSE				0.00	67,905		C-NV	15	0.341	0.407	0.777	0.138	0.780	0.374	1.224
FC #32	3126				FALSE				0.00	83,287		N	---	0.211	0.371	0.307	0.030	0.288	0.285	0.359
FC #33	3126				FALSE				0.00	83,237		C-NV	15	0.412	0.534	0.925	0.292	0.623	0.383	1.088
FC #34	3126				FALSE				0.00	83,287		N	---	0.345	0.475	0.621	0.213	0.373	0.389	0.467
FC #35	3126				FALSE				0.00	83,287		N	---	0.260	0.425	0.446	0.089	0.319	0.333	0.419
FC #36	3127				FALSE				0.00	88,945		C-NV	10	0.220	0.372	0.406	0.182	0.300	0.466	0.366





Wheel #	VIN #	WARRANTY INFORMATION							INSPECTION					UNIFORMITY						
		Vehicle Application	AWS Claim Part Number	Actual Wheel Part Number	Model Year	Vehicle Build Date	Warranty Start Date	Vehicle Repair Date	MIS	Vehicle Mileage	Tire / Wheel Location	Leak Test	Length of Crack (degrees)	Average Radial Runout	Outboard Radial Runout	Inboard Radial Runout	ARIH	Average Lateral Runout	Outboard Lateral Runout	Inboard Lateral Runout
FC #37	3127				FALSE				0.00	88,945		N	---	0.217	0.353	0.405	0.098	0.253	0.345	0.322
FC #38	3127				FALSE				0.00	88,945		N	---	0.280	0.508	0.510	0.041	0.640	0.716	0.576
FC #39	3127				FALSE				0.00	88,945		C-NV	20	0.263	0.505	0.573	0.124	0.255	0.728	0.564
FC #40	3128				FALSE				0.00	71,290		N	---	0.306	0.865	0.615	0.192	0.441	0.459	0.875
FC #41	3128				FALSE				0.00	71,290		N	---	0.366	0.713	0.499	0.076	0.479	0.882	0.379
FC #42	3128				FALSE				0.00	71,290		N	---	0.276	0.410	0.715	0.167	0.460	0.638	0.898
FC #43	3129				FALSE				0.00	53,061		N	---	0.371	0.559	0.594	0.132	0.656	0.922	0.434
FC #44	3129				FALSE				0.00	53,061		C-NV	15	0.281	0.694	0.641	0.045	0.269	0.643	0.488
FC #45	3129				FALSE				0.00	53,061		N	---	0.305	0.682	0.329	0.219	0.520	0.699	0.706
FC #46	3129				FALSE				0.00	53,061		C-V	35	0.279	0.514	0.567	0.130	0.361	0.244	0.742
FC #47	3130				FALSE				0.00	80,858		N	---	0.383	0.407	0.586	0.256	0.368	0.307	0.535
FC #48	3130				FALSE				0.00	80,858		N	---	0.317	0.726	0.408	0.140	0.161	0.274	0.411
FC #49	3130				FALSE				0.00	80,858		N	---	0.402	0.670	0.654	0.192	0.440	0.718	1.016
FC #50	3130				FALSE				0.00	80,858		N	---	0.167	0.268	0.358	0.080	0.250	0.405	0.327
FC #51	3128				FALSE				0.00	71,290		N	---	0.422	0.695	0.584	0.286	0.188	0.335	0.288
FC #52	3131				FALSE				0.00	89,936		N	---	0.139	0.400	0.289	0.018	0.528	0.478	0.775
FC #53	3131				FALSE				0.00	89,936		C-NV	20	0.192	0.448	0.430	0.041	0.311	0.452	0.375
FC #54	3131				FALSE				0.00	89,936		N	---	0.332	0.730	0.264	0.217	0.545	0.332	1.039
FC #55	3132				FALSE				0.00	54,264		N	---	0.129	0.356	0.319	0.014	0.288	0.206	0.474
FC #56	3132				FALSE				0.00	54,264		N	---	0.128	0.243	0.236	0.053	0.149	0.277	0.232
FC #57	3132				FALSE				0.00	54,264		N	---	0.242	0.299	0.377	0.057	0.167	0.338	0.494
FC #58	3132				FALSE				0.00	54,264		N	---	0.311	0.391	0.565	0.224	0.656	0.462	0.860
FC #59	3133				FALSE				0.00	48,602		N	---	0.377	0.561	0.408	0.100	0.416	0.471	0.433
FC #60	3133				FALSE				0.00	48,602		N	---	0.245	0.411	0.401	0.136	0.325	0.414	0.622
FC #61	3133				FALSE				0.00	48,602		N	---	0.268	0.363	0.404	0.105	0.409	0.310	0.728
FC #62	3133				FALSE				0.00	48,602		N	---	0.375	0.463	0.557	0.161	0.444	0.553	0.344
FC #63	3135				FALSE				0.00	90,895		N	---	0.278	0.576	0.422	0.067	0.368	0.529	0.339
FC #64	3135				FALSE				0.00	90,895		N	---	0.229	0.447	0.460	0.038	0.363	0.378	0.659
FC #65	3135				FALSE				0.00	90,895		C-NV	10	0.382	0.589	0.608	0.271	0.385	0.256	0.558
FC #66	3135				FALSE				0.00	90,895		C-NV	30	0.324	0.513	0.454	0.131	0.350	0.366	0.744
FC #67	3136				FALSE				0.00	77,675		N	---	0.375	0.586	0.455	0.208	0.328	0.824	0.886
FC #68	3136				FALSE				0.00	77,675		C-NV	35	0.314	0.397	0.592	0.157	0.531	0.385	1.041
FC #69	3136				FALSE				0.00	77,675		N	---	0.316	0.374	0.740	0.175	0.406	0.252	0.706
FC #70	3136				FALSE				0.00	77,675		N	---	0.196	0.503	0.639	0.110	0.444	0.505	0.738
FC #71	3138				FALSE				0.00	78,930		N	---	0.329	0.415	0.798	0.259	0.600	0.388	1.026
FC #72	3138				FALSE				0.00	78,930		N	---	0.235	0.432	0.537	0.097	0.519	0.350	0.936



Wheel #	VIN #	WARRANTY INFORMATION							INSPECTION					UNIFORMITY						
		Vehicle Application	AWS Claim Part Number	Actual Wheel Part Number	Model Year	Vehicle Build Date	Warranty Start Date	Vehicle Repair Date	MIS	Vehicle Mileage	Tire / Wheel Location	Leak Test	Length of Crack (degrees)	Average Radial Runout	Outboard Radial Runout	Inboard Radial Runout	ARIH	Average Lateral Runout	Outboard Lateral Runout	Inboard Lateral Runout
FC #73	3138				FALSE				0.00	78,930		N	---	0.168	0.346	0.245	0.104	0.274	0.386	0.404
FC #74	3138				FALSE				0.00	78,930		N	---	0.224	0.493	0.382	0.084	0.919	1.075	0.795
FC #75	3139				FALSE				0.00	76,551		N	---	0.217	0.524	0.592	0.046	0.356	0.289	0.651
FC #76	3139				FALSE				0.00	76,551		N	---	0.269	0.440	0.561	0.201	0.539	0.416	0.720
FC #77	3139				FALSE				0.00	76,551		N	---	0.176	0.331	0.554	0.118	0.230	0.388	0.570
FC #78	3139				FALSE				0.00	76,551		C-NV C-NV	10 30	0.161	0.417	0.339	0.047	0.230	0.351	0.440
FC #79	3140				FALSE				0.00	85,331		N	---	0.245	0.601	0.787	0.151	0.539	0.347	0.842
FC #80	3140				FALSE				0.00	85,331		N	---	0.336	0.631	0.388	0.039	0.272	0.762	0.727
FC #81	3140				FALSE				0.00	85,331		N	---	0.268	0.384	0.602	0.142	0.466	0.187	0.853
FC #82	3140				FALSE				0.00	85,331		C-V	150							
FC #83	3142				FALSE				0.00	78,280		N	---	0.270	0.575	0.395	0.114	0.356	0.440	0.434
FC #84	3142				FALSE				0.00	78,280		N	---	0.206	0.610	0.438	0.080	0.545	0.430	0.726
FC #85	3142				FALSE				0.00	78,280		N	---	0.310	0.647	0.471	0.140	0.755	0.613	1.025
FC #86	3142				FALSE				0.00	78,280		N	---	0.293	0.297	0.720	0.157	0.481	0.415	0.862
FC #87	3143				FALSE				0.00	52,500		N	---	0.324	0.590	0.216	0.133	0.591	0.716	0.528
FC #88	3143				FALSE				0.00	52,500		N	---	0.382	0.674	0.527	0.165	0.492	0.632	1.051
FC #89	3143				FALSE				0.00	52,500		N	---	0.215	0.536	0.466	0.057	0.417	0.526	0.807
FC #90	3143				FALSE				0.00	52,500		N	---	0.299	0.610	0.670	0.153	0.323	0.497	0.679
FC #91	3144				FALSE				0.00	79,862		C-NV	15	0.273	0.522	0.697	0.136	0.482	0.358	0.708
FC #92	3144				FALSE				0.00	79,862		N	---	0.304	0.371	0.341	0.177	0.198	0.365	0.258
FC #93	3144				FALSE				0.00	79,862		C-NV	35	0.298	0.452	0.542	0.195	0.400	0.334	0.628
FC #94	3144				FALSE				0.00	79,862		N	---	0.301	0.456	0.618	0.180	0.443	0.434	0.903
FC #95	3145				FALSE				0.00	42,876		N	---	0.260	0.355	0.637	0.074	0.445	0.241	0.679
FC #96	3145				FALSE				0.00	42,876		N	---	0.296	0.812	0.675	0.193	0.484	0.228	0.960
FC #97	3145				FALSE				0.00	42,876		N	---	0.308	0.819	0.638	0.227	0.642	0.261	1.134
FC #98	3145				FALSE				0.00	42,876		N	---	0.266	0.660	0.300	0.119	0.535	0.728	0.556
FC #99	3146				FALSE				0.00	81,106		N	---	0.318	0.404	0.424	0.168	0.388	0.553	0.327
FC #100	3146				FALSE				0.00	81,106		N	---	0.266	0.465	0.327	0.135	0.335	0.415	0.430
FC #101	3146				FALSE				0.00	81,106		N	---	0.415	0.668	0.511	0.315	0.232	0.343	0.332
FC #102	3146				FALSE				0.00	81,106		N	---	0.321	0.428	0.467	0.198	0.155	0.538	0.351
FC #103	3147				FALSE				0.00	63,324		N	---	0.237	0.498	0.402	0.160	0.620	0.672	0.679
FC #104	3147				FALSE				0.00	63,324		N	---	0.282	0.821	0.564	0.071	0.570	0.479	0.838
FC #105	3147				FALSE				0.00	63,324		N	---	0.218	0.457	0.673	0.138	0.687	0.490	0.912
FC #106	3147				FALSE				0.00	63,324		N	---	0.363	0.480	0.432	0.250	0.353	0.279	0.634
FC #107	3148				FALSE				0.00	66,931		C-V C-V	60 30	0.360	0.620	0.217	0.188	0.382	0.477	0.558
FC #108	3148				FALSE				0.00	66,931		N	---	0.182	0.490	0.323	0.080	0.339	0.321	0.547



U222 Expedition Field Returns - Fresno County Sheriff's Department

U222 Full-Face Steel Wheel

Wheel #	VIN #	WARRANTY INFORMATION							INSPECTION				UNIFORMITY							
		Vehicle Application	AWS Claim Part Number	Actual Wheel Part Number	Model Year	Vehicle Build Date	Warranty Start Date	Vehicle Repair Date	MIS	Vehicle Mileage	Tire / Wheel Location	Leak Test	Length of Crack (degrees)	Average Radial Runout	Outboard Radial Runout	Inboard Radial Runout	ARIH	Average Lateral Runout	Outboard Lateral Runout	Inboard Lateral Runout
FC #109	3148				FALSE				0.00	66,931		N	---	0.196	0.437	0.620	0.132	0.530	0.322	0.857
FC #110	3149				FALSE				0.00	46,488		N	---	0.239	0.577	0.605	0.153	0.258	0.443	0.496
FC #111	3149				FALSE				0.00	46,488		N	---	0.196	0.170	0.470	0.136	0.258	0.210	0.378
FC #112	3149				FALSE				0.00	46,488		N	---	0.290	0.467	0.438	0.151	0.656	0.500	0.874
FC #113	3150				FALSE				0.00	90,516		N	---	0.764	0.365	1.478	0.060	0.715	1.139	1.314
FC #114	3150				FALSE				0.00	90,516		N	---	0.224	0.355	0.690	0.111	0.600	0.679	0.751
FC #115	3150				FALSE				0.00	90,516		N	---	0.166	0.264	0.472	0.078	0.502	0.483	0.783
FC #116	3150				FALSE				0.00	90,516		N	---	0.150	0.349	0.428	0.062	0.489	0.246	0.747
FC #117	3151				FALSE				0.00	74,552		C-V	55	0.336	0.847	0.590	0.097	0.620	0.554	1.131
FC #118	3151				FALSE				0.00	74,552		N	---	0.378	0.505	0.660	0.173	0.545	0.567	0.658
FC #119	3151				FALSE				0.00	74,552		N	---	0.299	0.577	0.383	0.039	0.386	0.738	0.602
FC #120	3151				FALSE				0.00	74,552		N	---	0.373	0.447	0.709	0.215	0.432	0.612	0.669
FC #121	3152				FALSE				0.00	60,290		N	---	0.273	0.365	0.363	0.135	0.428	0.599	0.348
FC #122	3152				FALSE				0.00	60,290		N	---	0.234	0.615	0.581	0.065	0.275	0.214	0.621
FC #123	3152				FALSE				0.00	60,290		N	---	0.251	0.617	0.464	0.160	0.254	0.225	0.413
FC #124	3152				FALSE				0.00	60,290		N	---	0.229	0.602	0.379	0.185	0.220	0.338	0.458
FC #125	3153				FALSE				0.00	36,565		N	---	0.342	0.685	0.386	0.231	0.328	0.342	0.535
FC #126	3153				FALSE				0.00	36,565		N	---	0.337	0.472	0.356	0.211	0.332	0.331	0.493
FC #127	3153				FALSE				0.00	36,565		N	---	0.231	0.531	0.486	0.120	0.262	0.572	0.651
FC #128	3153				FALSE				0.00	36,565		N	---	0.308	0.712	0.707	0.215	0.376	0.396	0.589
FC #129	4101				FALSE				0.00	34,329		N	---	0.335	0.439	0.419	0.267	0.225	0.436	0.378
FC #130	4101				FALSE				0.00	34,329		N	---	0.362	0.369	0.537	0.250	0.147	0.301	0.238
FC #131	4101				FALSE				0.00	34,329		N	---	0.322	0.284	0.647	0.244	0.432	0.253	0.820
FC #132	4101				FALSE				0.00	34,329		N	---	0.236	0.440	0.492	0.111	0.330	0.214	0.550
FC #133									0.00			C-NV	20	0.163	0.400	0.469	0.088	0.344	0.475	0.382
FC #134									0.00			N	---	0.189	0.436	0.483	0.111	0.284	0.379	0.455
FC #135									0.00			N	---	0.400	0.930	0.746	0.126	0.440	0.286	0.967
FC #136									0.00			N	---	0.447	0.739	0.568	0.242	0.241	0.339	0.367
									0.00											

No Leak or Crack Found N 119  
 Visual Crack C-V 3  
 Multiple Visual Cracks C-V 1  
 C-V 1  
 Non-Visual Crack C-NV 12  
 Multiple Non-Visual Cracks C-NV 1

x.xxx Indicates Measurement is greater than Print Specification  
 x.xxx Indicates Measurement is greater than Applied Specification

1.140	1.140	1.140	0.300	0.800	0.800	0.800
Print	Print	Print	Print	Print	Print	Print

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**From:** Howe, Brian (B.T.)  
**Sent:** Thursday, June 22, 2006 12:22 PM  
**To:** Clark, Scott (S.R.); Bagley, Matt (M.R.)  
**Subject:** RE: info

Scott, With a stiffer side wall on the LT tires, I could see a difference in the load forces on the rims, but only testing would verify that. Maybe that has been a factor in the spoke cracks as well. If we believe this is a factor, we should tell them to only use P rated tires. Do you have any data from other agencies like the Border Patrol, or CHP if they use an LT tire and have experienced the issue. Has the new improved wheel been tested with LT tires?

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

**From:** Clark, Scott (S.R.)  
**Sent:** Thursday, June 22, 2006 9:11 AM  
**To:** Bagley, Matt (M.R.)  
**Cc:** Howe, Brian (B.T.)  
**Subject:** FW: info

Matt, check out this information... Personally, I think their usage of LT is causing the concern...

*Scott R. Clark*

Modified Vehicle Specialist  
Police-Limo-Taxi-Livery  
Commercial Vehicle Operations  
Ford Customer Service Division  
Phone/Fax: 313-845-0448  
[sclark10@ford.com](mailto:sclark10@ford.com) <<mailto:sclark10@ford.com>>

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**From:** Howe, Brian (B.T.)  
**Sent:** Thursday, June 22, 2006 11:13 AM  
**To:** Clark, Scott (S.R.)  
**Subject:** FW: info

Scott, Fred sent this to me, and I am not sure if you got it. Did you ask him to send it to me?

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

**From:** Johnson, Fred J. [<mailto:Fred.Johnson@fresnosheriff.org>]  
**Sent:** Thursday, June 22, 2006 7:59 AM  
**To:** Howe, Brian (B.T.)  
**Cc:** January, Tom  
**Subject:** info

Brian,

One of the questions was regarding our wheels was what tires do we use so I had staff research and they are listed below. The reasons we use different tires is availability of tires at the time of need staying within mechanic approvals. Also we cannot get a tire with an aggressive mud and snow tread in a "P" rating.

Toyo Open Country A/T  
P265-70R17 35psi

Toyo Open Country A/T  
LT265-70R17 35psi

Goodyear Wrangler MT/R  
LT265-70R17 35psi

Cooper Discovery A/T  
LT265-70R17 35psi

Dunlop Mud Rover  
LT265-70R17 35psi

National Commando A/T  
LT265-70R17 35psi

Chaparrel  
P265-70R17 35psi

**Sgt. Fred J. Johnson**  
**Sheriff's Fleet Manager**

*(559) 488-3385*

*(559) 488-3699 fax*

*(559) 262-2287 pgr.*

---

**From:** Meier, Kenneth (K.W.)  
**Sent:** Tuesday, January 08, 2008 4:35 PM  
**To:** Campbell, Keith (K.A.)  
**Subject:** RE: Expedition Wheels

Dan,

Sorry for the exact time frame. Both of these units were built 4/20/2006 and therefore had the previous level.

*Ken Meier*

**Commercial Vehicle Operations**  
**Commercial Service Manager**  
**Regent Court Building**  
**16800 Executive Pl. Dr.**  
**Dearborn, MI 48126-4207**  
**Phone: 313-317-1867 Fax: 313-248-3481**

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**From:** Campbell, Keith (K.A.)  
**Sent:** Tuesday, January 08, 2008 3:55 PM  
**To:** Meier, Kenneth (K.W.)  
**Cc:** Gillman, Paul (P.D.); Bagley, Matt (M.R.)  
**Subject:** RE: Expedition Wheels

The shot peened wheels started in production in June 2006, which would be the last month of the 2006MY. Service parts were also shot peened at the same time.

Keith Campbell  
*Supervisor - Tire & Wheels, BoF Vehicles*  
*PDC 2B-J30*  
*Phone/Cell/Pager 313-805-3390*

---

**From:** Meier, Kenneth (K.W.)  
**Sent:** Tuesday, January 08, 2008 3:05 PM  
**To:** Campbell, Keith (K.A.)  
**Cc:** Johnson, Dan (D.W.)  
**Subject:** FW: Expedition Wheels

Keith,

Did we miss something here. I thought we shot pinged the wheels for 2006 production on expedition? What production date did we do it?

*Ken Meier*

**Commercial Vehicle Operations**  
**Commercial Service Manager**  
**Regent Court Building**  
**16800 Executive Pl. Dr.**  
**Dearborn, MI 48126-4207**  
**Phone: 313-317-1867 Fax: 313-248-3481**

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**From:** Johnson, Dan (D.W.)  
**Sent:** Tuesday, January 08, 2008 2:44 PM  
**To:** Meier, Kenneth (K.W.)  
**Cc:** Johnson, Dan (D.W.)  
**Subject:** Expedition Wheels

Ken,

I informed the AZ DPS that wheels from 2006 and forward should not be an issue.

They, in turn, showed me five original wheels from two 2006 Expeditions that were cracked.

The VIN'S are:

1FMPU16546L [REDACTED] 66813 miles (2 cracked wheels)

1FMPU16566L [REDACTED] 61129 miles (3 cracked wheels)

In light of that, my message did not inspire a great measure of confidence.

***Teamwork-Works!***

**Dan Johnson**

Fleet Zone Manager  
AZ, AK, So. Cal and NM markets.  
Cell: 602-790-8598  
Fax: 1-888-226-4870

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**From:** Clark, Scott (S.R.)  
**Sent:** Thursday, June 22, 2006 10:48 AM  
**To:** 'Johnson, Fred J.'  
**Subject:** RE: Expedition Wheels

Fred, I talked with the dealer last Friday and they should've ordered and began receiving the spare wheels on your behalf. Engineering has dedicated resources to evaluate the wheels and is asking for them. What is the earliest that I can send the truck to pick up the 140 wheels? Thanks for your assistance!

*Scott R. Clark*

Modified Vehicle Specialist  
Police-Limo-Taxi-Livery  
Commercial Vehicle Operations  
Ford Customer Service Division  
Phone/Fax: 313-845-0448  
[sclark10@ford.com](mailto:sclark10@ford.com) <<mailto:sclark10@ford.com>>

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**From:** Clark, Scott (S.R.)  
**Sent:** Thursday, June 15, 2006 2:15 PM  
**To:** 'Johnson, Fred J.'  
**Cc:** 'dangreer@pmicp.com'; Alvarez, Lauri (L.L.)  
**Subject:** Expedition Wheels

Fred, I spoke with Dan Greer (Parts Manager-Future Ford/Clovis) today and upon your contacting him to work out the details, he will be ordering 35 of the current spare wheel, which is a black drop center steel wheel design, part number 5L34-1015-DA. Although the spare wheels are full size, they will not have the same appearance as the wheels you currently have. Thanks.

*Scott R. Clark*

Modified Vehicle Specialist  
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Ford Customer Service Division  
Phone/Fax: 313-845-0448  
[sclark10@ford.com](mailto:sclark10@ford.com) <<mailto:sclark10@ford.com>>



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**From:** Clark, Scott (S.R.)  
**Sent:** Thursday, June 22, 2006 12:25 PM  
**To:** 'Johnson, Fred J.'  
**Cc:** January, Tom  
**Subject:** RE: Expedition Wheels

Fred, I will inform engineering the end of next week. The correct part number for the shot-peened wheel is 7L1Z-1015-B. Thanks.

*Scott R. Clark*

Modified Vehicle Specialist  
Police-Limo-Taxi-Livery  
Commercial Vehicle Operations  
Ford Customer Service Division  
Phone/Fax: 313-845-0448  
[sclark10@ford.com](mailto:sclark10@ford.com) <<mailto:sclark10@ford.com>>

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**From:** Johnson, Fred J. [<mailto:Fred.Johnson@fresnosheriff.org>]  
**Sent:** Thursday, June 22, 2006 10:58 AM  
**To:** Clark, Scott (S.R.)  
**Cc:** January, Tom  
**Subject:** RE: Expedition Wheels

I have all but one vehicle to put wheels onto because the driver is out. We are trying to get him into the shop this week and then ship all the wheels at one time. I would say at the end of the week, next week. Can you confirm the correct part number for the shot-peened is "7L1Z-1015-B" I am going to order spares.

Fred

**Sgt. Fred J. Johnson**  
**Sheriff's Fleet Manager**  
*(559) 488-3385*  
*(559) 488-3699 fax*  
*(559) 262-2287 pgr.*

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

**From:** Clark, Scott (S.R.) [<mailto:sclark10@ford.com>]  
**Sent:** Thursday, June 22, 2006 7:48 AM  
**To:** Johnson, Fred J.  
**Subject:** RE: Expedition Wheels

Fred, I talked with the dealer last Friday and they should've ordered and began receiving the spare wheels on your behalf. Engineering has dedicated resources to evaluate the wheels and is asking for them. What is the earliest that I can send the truck to pick up the 140 wheels? Thanks for your assistance!

*Scott R. Clark*

Modified Vehicle Specialist  
Police-Limo-Taxi-Livery  
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*Phone/Fax: 313-845-0448*

[sclark10@ford.com](mailto:sclark10@ford.com) <<mailto:sclark10@ford.com>>

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**From:** Clark, Scott (S.R.)  
**Sent:** Thursday, June 15, 2006 2:15 PM  
**To:** 'Johnson, Fred J.'  
**Cc:** 'dangreer@pmicp.com'; Alvarez, Lauri (L.L.)  
**Subject:** Expedition Wheels

Fred, I spoke with Dan Greer (Parts Manager-Future Ford/Clovis) today and upon your contacting him to work out the details, he will be ordering 35 of the current spare wheel, which is a black drop center steel wheel design, part number 5L34-1015-DA. Although the spare wheels are full size, they will not have the same appearance as the wheels you currently have. Thanks.

*Scott R. Clark*

Modified Vehicle Specialist  
Police-Limo-Taxi-Livery  
Commercial Vehicle Operations  
Ford Customer Service Division  
*Phone/Fax: 313-845-0448*

[sclark10@ford.com](mailto:sclark10@ford.com) <<mailto:sclark10@ford.com>>

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**From:** Johnson, Fred J. [Fred.Johnson@fresnosheriff.org]  
**Sent:** Tuesday, June 13, 2006 2:23 PM  
**To:** Bagley, Matt (M.R.)  
**Subject:** RE: Expedition Wheel

Matt,

I am still waiting for Scott to answer the question about getting 35 wheels for the spares because they were the same wheel on the vehicle and not a different type. [We were not going to replace the spares at first because we were told they were different. However, now that they are the same, the Assistant Sheriff wants them replaced]

So, maybe you can help on this one. I emailed Scott but I think he is on vacation or out of the office. Once I get those 35 new wheels we can have the others ready for pick up. We do have a dock and they are on pallets. Until then we will have to wait on releasing the wheels.

Thanks,

Fred

**Sgt. Fred J. Johnson**  
**Sheriff's Fleet Manager**

*(559) 488-3385*

*(559) 488-3699 fax*

*(559) 262-2287 pgr.*

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

**From:** Bagley, Matt (M.R.) [mailto:mbagley1@ford.com]  
**Sent:** Tuesday, June 13, 2006 8:31 AM  
**To:** Johnson, Fred J.  
**Subject:** RE: Expedition Wheel

Sgt. Johnson, just wanted to contact you to find out if the 140 wheels have been removed and palletized and ready for pick up. I will be arranging a carrier to pick them up. Do you have a dock that they can pick up from? Please let me know when I should have the carrier come to pick them up.

thanks,

**Matt Bagley**

[mbagley1@ford.com](mailto:mbagley1@ford.com)

NAE Chassis Engineering

313-805-3384 (cell)

email textpage: <<<mailto:3138053384@messaging.sprintpcs.com>>>

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**From:** Johnson, Fred J. [mailto:Fred.Johnson@fresnosheriff.org]  
**Sent:** Thursday, June 01, 2006 12:58 PM  
**To:** Bagley, Matt (M.R.)  
**Subject:** RE: Expedition Wheel

We have that in place already and will be done putting wheels on the Expeditions soon. Once that is done I can contact you about picking them up all at one time. Also, I am contacting Scott about getting 35 additional wheels shipped to us and maybe that same truck can handle this?

fj

**Sgt. Fred J. Johnson**  
**Sheriff's Fleet Manager**

*(559) 488-3385*

*(559) 488-3699 fax*

*(559) 262-2287 pgr.*

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

**From:** Bagley, Matt (M.R.) [mailto:mbagley1@ford.com]

**Sent:** Thursday, June 01, 2006 8:46 AM

**To:** Clark, Scott (S.R.); Johnson, Fred J.

**Subject:** RE: Expedition Wheel

I am arranging pick up of the 140 wheels. Is it possible to have the wheel palletized? Do you have a fork lift for putting them on the truck?

I will provide the information you need for shipping as soon as we figure out which carrier to use.

thanks,

**Matt Bagley**

[mbagley1@ford.com](mailto:mbagley1@ford.com)

NAE Chassis Engineering

313-805-3384 (cell)

email textpage: <<<mailto:3138053384@messaging.sprintpcs.com>>>

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**From:** Clark, Scott (S.R.)

**Sent:** Wednesday, May 24, 2006 2:32 PM

**To:** Johnson, Fred J.

**Subject:** RE: Expedition Wheel

Fred thanks for your cooperation. Engineering is arranging the method for picking up the wheels and will let you know. In an effort to better understand the concern that you have been experiencing with the wheels, engineering would like to know the following. Can you help?  
Thanks!

- Brand and size of tire including rating, that you are using on the wheels
- The inflation pressure you have been keeping the tires at.

*Scott R. Clark*

Modified Vehicle Specialist

Police-Limo-Taxi-Livery

Commercial Vehicle Operations  
Ford Customer Service Division  
Phone/Fax: 313-845-0448  
[sclark10@ford.com](mailto:sclark10@ford.com) <<mailto:sclark10@ford.com>>

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**From:** Johnson, Fred J. [<mailto:Fred.Johnson@fresnosheriff.org>]  
**Sent:** Friday, May 19, 2006 10:09 PM  
**To:** Clark, Scott (S.R.)  
**Subject:** RE: Expedition Wheel

Thanks Scott. We should be done with the change of the primary wheels next week and would be able to ship back the wheels you requested. Will you be sending a truck to pick them up?

Have a good weekend.

Fred

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**From:** Clark, Scott (S.R.) [<mailto:sclark10@ford.com>]  
**Sent:** Fri 5/19/2006 9:55 AM  
**To:** Johnson, Fred J.  
**Subject:** FW: Expedition Wheel

Fred, suggested retail for the spare wheel is \$102.97. Part number is 5L3Z -1015 - DA and would need to be ordered through a dealer. Thanks.

*Scott R. Clark*

Modified Vehicle Specialist  
Police-Limo-Taxi-Livery  
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Ford Customer Service Division  
Phone/Fax: 313-845-0448  
[sclark10@ford.com](mailto:sclark10@ford.com) <<mailto:sclark10@ford.com>>

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**From:** Johnson, Fred J. [<mailto:Fred.Johnson@fresnosheriff.org>]  
**Sent:** Thursday, May 18, 2006 3:51 PM  
**To:** Clark, Scott (S.R.)  
**Subject:** RE: Expedition Wheel

I was not going to replace spares as I told you before on the phone; however the Assistant Sheriff now wants them replaced. Can you advise a cost for them and how to order?

**Sgt. Fred J. Johnson**  
**Sheriff's Fleet Manager**  
*(559) 488-3385*  
*(559) 488-3699 fax*  
*(559) 262-2287 pgr.*

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

**From:** Clark, Scott (S.R.) [mailto:sclark10@ford.com]  
**Sent:** Thursday, May 18, 2006 11:33 AM  
**To:** Johnson, Fred J.  
**Subject:** RE: Expedition Wheel

Fred, from job #1 2003 to Jan 2004 the spare was the full face wheel (same as road wheel) but black e-coated. It was not a matching spare. In Jan 04 we went to the drop center spare (also e-coat).

I don't think spares should be replaced as they are dissimilar and would not get the mileage that road wheel would get.

*Scott R. Clark*

Modified Vehicle Specialist  
Police-Limo-Taxi-Livery  
Commercial Vehicle Operations  
Ford Customer Service Division  
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[sclark10@ford.com](mailto:sclark10@ford.com) <<mailto:sclark10@ford.com>>

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**From:** Johnson, Fred J. [mailto:Fred.Johnson@fresnosheriff.org]  
**Sent:** Tuesday, May 16, 2006 1:37 PM  
**To:** Clark, Scott (S.R.)  
**Subject:** RE: Expedition Wheel

Scott,

Thank you for the email. We are currently changing out wheels for our Expeditions at this time. It will take two weeks to complete the task. I am having our mechanics in-house conduct leak tests as we remove the old wheels prior to dismounting the tire itself. So far there are three additional cracked wheels.

Also, I will need to replace the spare tires per direction from my bosses. Can you advise how I would get these additional wheels and part numbers?

Thank you,

Fred

**Sgt. Fred J. Johnson**  
**Sheriff's Fleet Manager**  
*(559) 488-3385*  
*(559) 488-3699 fax*  
*(559) 262-2287 pgr.*

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

**From:** Clark, Scott (S.R.) [mailto:sclark10@ford.com]  
**Sent:** Monday, May 15, 2006 8:36 AM  
**To:** Johnson, Fred J.  
**Subject:** RE: Expedition Wheel

Hi Fred. as per my voicemail, I'm just wondering what the current status is on the wheels that were sent out and if you will be able to send back any of the wheels that you will be replacing? Thanks.

*Scott R. Clark*

Modified Vehicle Specialist  
Police-Limo-Taxi-Livery  
Commercial Vehicle Operations  
Ford Customer Service Division  
Phone/Fax: 313-845-0448  
[sclark10@ford.com](mailto:sclark10@ford.com) <<mailto:sclark10@ford.com>>

---

**From:** Johnson, Fred J. [<mailto:Fred.Johnson@fresnosheriff.org>]  
**Sent:** Friday, April 28, 2006 1:03 PM  
**To:** Clark, Scott (S.R.)  
**Subject:** RE: Expedition Wheel

Scott,

I am off today, however I can answer some of your questions from home.

As I told Howe, the cracks were discovered mostly by a slow leak and our deputies when to the shop. Once at the our garage, we discovered the cracks. We inspect all wheels when tires are put on. On Monday I can give you better information. My guys in the garage called me at home today and told me that two more cracks were discovered today when a deputy brought in his vehicle for service and we conducted the usual inspections. I sent Howe VIN numbers, but will resend on Monday.

Thank you,

Fred

---

**From:** Clark, Scott (S.R.) [<mailto:sclark10@ford.com>]  
**Sent:** Fri 4/28/2006 9:08 AM  
**To:** Johnson, Fred J.  
**Cc:** Howe, Brian (B.T.)  
**Subject:** RE: Expedition Wheel

Fred, I just found out from engineering that the expedited shipping is scheduled to arrive Wednesday and that the carrier does not unload. Engineering would like to obtain the wheels that weren't sent back; that you believe had issues along with some of them you are replacing with the new. They would like vehicle identification number and mileage information. These can actually be written on the wheel if that helps. Engineering would also like to know how you detect a wheel that has a concern. Are you performing routine inspections, do you have slow leaks, steering nibble, trouble balancing, etc.? Thanks!

*Scott R. Clark*

Modified Vehicle Specialist  
Police-Limo-Taxi-Livery  
Commercial Vehicle Operations  
Ford Customer Service Division  
Phone/Fax: 313-845-0448

[sclark10@ford.com](mailto:sclark10@ford.com) <<mailto:sclark10@ford.com>>

---

**From:** Johnson, Fred J. [<mailto:Fred.Johnson@fresnosheriff.org>]  
**Sent:** Thursday, April 27, 2006 1:19 PM  
**To:** Clark, Scott (S.R.)  
**Subject:** RE: Expedition Wheel

Scott, thank you very much!

**Sgt. Fred J. Johnson**  
**Sheriff's Fleet Manager**  
*(559) 488-3385*  
*(559) 488-3699 fax*  
*(559) 262-2287 pgr.*

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

**From:** Clark, Scott (S.R.) [<mailto:sclark10@ford.com>]  
**Sent:** Thursday, April 27, 2006 9:22 AM  
**To:** Johnson, Fred J.  
**Subject:** RE: Expedition Wheel

Fred, 9 pallets, 140 wheels, quickest we could get them there is 4 days.  
Their in shipment now. Thanks.

*Scott R. Clark*

Modified Vehicle Specialist  
Police-Limo-Taxi-Livery  
Commercial Vehicle Operations  
Ford Customer Service Division  
Phone/Fax: 313-845-0448

[sclark10@ford.com](mailto:sclark10@ford.com) <<mailto:sclark10@ford.com>>

---

**From:** Johnson, Fred J. [<mailto:Fred.Johnson@fresnosheriff.org>]  
**Sent:** Thursday, April 27, 2006 12:17 AM  
**To:** Clark, Scott (S.R.)  
**Subject:** RE: Expedition Wheel

Scott, I am checking my email from home and want to thank you for your help in this matter.

Thank You,



Fred

---

**From:** Clark, Scott (S.R.) [mailto:sclark10@ford.com]  
**Sent:** Wed 4/26/2006 6:57 PM  
**To:** Johnson, Fred J.  
**Subject:** RE: Expedition Wheel

Ford will provide the wheels and shipping for field testing at no cost. However, your agency would need to install.

*Scott R. Clark*

Modified Vehicle Specialist  
Police-Limo-Taxi-Livery  
Commercial Vehicle Operations  
Ford Customer Service Division  
Phone/Fax: 313-845-0448  
[sclark10@ford.com](mailto:sclark10@ford.com) <<mailto:sclark10@ford.com>>

---

**From:** Johnson, Fred J. [mailto:Fred.Johnson@fresnosheriff.org]  
**Sent:** Wednesday, April 26, 2006 6:17 PM  
**To:** Clark, Scott (S.R.)  
**Subject:** RE: Expedition Wheel

Scott,

Thank you for your response to my request for the new "Shot Peen" 17" steel wheels for our patrol Expeditions. I got back to H.Q. and made arrangements for shipment. We can accept the shipment here at Fresno County Sheriff's Department H.Q. The address is 2200 Fresno Street, Fresno, California 93721. They can call me at (559) 488-2505 or Tom January (shop garage) at 488-3547.

I know we are "Field Testing" these wheels, but are there associated money costs that I need to be made aware of? I need to prepare because of budget concerns.

Thanks,

**Sgt. Fred J. Johnson**  
**Sheriff's Fleet Manager**  
*(559) 488-3385*  
*(559) 488-3699 fax*  
*(559) 262-2287 pgr.*

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

**From:** Clark, Scott (S.R.) [mailto:sclark10@ford.com]  
**Sent:** Wednesday, April 26, 2006 2:31 PM  
**To:** Putz, Chris; Johnson, Fred J.  
**Subject:** Expedition Wheel

Gentlemen, I will be available by cell phone tomorrow. Feel free to call me at 313-595-0348

*Scott R. Clark*

Modified Vehicle Specialist  
Police-Limo-Taxi-Livery  
Commercial Vehicle Operations  
Ford Customer Service Division  
*Phone/Fax: 313-845-0448*

[sclark10@ford.com](mailto:sclark10@ford.com) <<mailto:sclark10@ford.com>>

---

**From:** Putz, Chris [<mailto:cputz@hayes-lemmerz.com>]  
**Sent:** Wednesday, April 26, 2006 5:00 PM  
**To:** [fred.johnson@fresnosheriff.org](mailto:fred.johnson@fresnosheriff.org)  
**Cc:** Clark, Scott (S.R.); Campbell, Keith (K.A.)  
**Subject:** Part Number for Expedition Wheel

Mr. Johnson,

As we discussed earlier today, the part number for the shot peened version of the 17x7.5 full-face steel wheel for Expedition is 7L14-1015-BB. This is the Ford Engineering part number. The Ford service number may have a Z instead of a 4. I talked with Scott after our discussion. He was going to get in touch with, if not already.

Thanks,  
Chris Putz

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Thank you.

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**From:** Cook, James (J.M.)  
**Sent:** Wednesday, March 01, 2006 10:08 AM  
**To:** Bagley, Matt (M.R.); Rovsek, Jim (J.E.)  
**Subject:** RE: Expedition tires

Only set up that they had issues with was Expeditions with steel wheels if they upgraded the tires to a more aggressive off road tread pattern. The rims would crack at the bead area and create air leaks. No issues reported with stock tires. These are county Sheriff patrol vehicle so the terrain probably varies substantially. If you need more info. I can have the fleet rep. contact the customer. Thanks....

Jim Cook  
Ford Motor Co.  
APG- Power Train Durability  
P:928-753-7311/ F:928-753-7213  
Shipping Address:  
#1 Proving Ground Rd., Yucca, AZ. 86438  
jcook6@ford.com

---

**From:** Bagley, Matt (M.R.)  
**Sent:** Wednesday, March 01, 2006 7:53 AM  
**To:** Rovsek, Jim (J.E.); Cook, James (J.M.)  
**Cc:** Tegarden, Charlie (C.B.); Ueda, Roger (R.M.)  
**Subject:** RE: Expedition tires

I'm working on it... thanks.

---

**From:** Rovsek, Jim (J.E.)  
**Sent:** Tuesday, February 28, 2006 6:24 PM  
**To:** Bagley, Matt (M.R.); Cook, James (J.M.)  
**Cc:** Tegarden, Charlie (C.B.); Ueda, Roger (R.M.)  
**Subject:** RE: Expedition tires

Matt,

FYI. See below. Know of any recent cracking problems with Expedition steel wheels? I'm not aware of any here.

Jim,

What other detail can you provide? Got a wheel part number, vehicle MY and configuration, vehicle load? What kind of terrain were they running on? Did they get any strikethrough on the tires?

*Jim Rovsek*

Durability System Engineer - Climate Control / Exhaust / Wheels / Tires

**Ford Motor Company**

Arizona Proving Ground, 1 Proving Ground Rd, Yucca, AZ 86438

Desk Phone: 928-753-7289 Fax: 928-753-7213

Cell Phone: 313-805-8259

Text Pager: 3138058259@messaging.sprintpcs.com

---

**From:** Cook, James (J.M.)

**Sent:** Tuesday, February 28, 2006 7:50 AM

**To:** Ueda, Roger (R.M.); Rovsek, Jim (J.E.)

**Cc:** Tegarden, Charlie (C.B.)

**Subject:** RE: Expedition tires

Thanks Roger..... I will have Jim Rovsek forward this to the correct folks in Dearborn for review.....

Jim, I will come see you on this today.....

Jim Cook

Ford Motor Co.

APG- Power Train Durability

P:928-753-7311/ F:928-753-7213

Shipping Address:

#1 Proving Ground Rd., Yucca, AZ. 86438

jcook6@ford.com

---

**From:** Ueda, Roger (R.M.)

**Sent:** Tuesday, February 28, 2006 7:48 AM

**To:** Cook, James (J.M.)

**Cc:** Tegarden, Charlie (C.B.)

**Subject:** FW: Expedition tires

Here's the info apparently from the meeting. thanks.

Regards,

APG Visitors: [Access/Req'ts/Info](#)

<http://www.apg.ford.com> (APG Visitor Communities Page)(Ford Access Only)

Roger M. Ueda

rueda@ford.com

Ford Net: 9-1-753-7301; Commercial: 928-753-7301  
Ford Cell: 313-805-8287

---

**From:** Eldridge, Chris (J.C.)  
**Sent:** Monday, February 27, 2006 7:52 PM  
**To:** Ueda, Roger (R.M.)  
**Cc:** Tigner, Erica (E.M.); Tegarden, Charlie (C.B.); Meier, Kenneth (K.W.)  
**Subject:** FW: Expedition tires

Hi Roger,  
San Diego County asked a question about rims issues on Expeditions at our meeting at your facility. See details below. Thanks.

*Make your dreams come true!*  
*Chris Eldridge*  
*Commercial Area Field Manager*  
*Ford Customer Service Division, California Market*  
*Mobile (562) 235-9168*

*Fax (949) 487-6923*

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

**From:** Gould, Robert [mailto:Robert.Gould@sdcounty.ca.gov]  
**Sent:** Monday, February 27, 2006 3:15 PM  
**To:** Eldridge, Chris (J.C.)  
**Cc:** Clements, John; Simmons, Robert  
**Subject:** FW: Expedition tires

Chris,  
Here is information on the tires that the engineers @ the AZ proving grounds asked for.  
Just a reminder this is for the situation where we have some wheels (steel) on Expedition Patrol units splitting around the bead area.  
Would you please forward the info to the correct people?

Again, thank you for your part in setting up our visit to the proving grounds. I enjoyed it.  
Thanks i R.G.

---

**From:** Even, Edward  
**Sent:** Monday, February 27, 2006 11:23 AM  
**To:** Gould, Robert  
**Subject:** RE: Expedition tires

**Bob**

The tires that we are using on the expeditions are Goodyear Wrangler AT/S

LT 265/70R17 Load Range C. Max. Air pressure is 50lbs. We are running 40 lbs. of air in them.  
If you need any other information please call.  
Ed Even

---

**From:** Gould, Robert  
**Sent:** Tuesday, February 21, 2006 3:22 PM  
**To:** Ortiz, Mark  
**Cc:** Even, Edward  
**Subject:** Expedition tires

Mark.

Would you send me the info on what tires your shop is running on the Expedition patrols? Last week I spoke to a group of Ford Engineers and we were talking about the deal with rims splitting and letting the air out. They asked for the exact tire we are running, size, load range, mode, brand tire pressure we are running and all that stuff. Too much info is better than not enough. I need to send them that info so they can look into the problem deeper. They think the wheels should be able to handle the more aggressive tire we run, but want run the info to be sure.

Thanks i R.G.

Robert Gould (Bob)  
Fleet Regional Manager  
Fleet Management Division  
5555 Overland Avenue, Blg 7  
San Diego, CA 92123  
858-694-3053

---

**From:** McClenaghan, Dean (D.C.)  
**Sent:** Tuesday, September 26, 2006 8:23 AM  
**To:** Bagley, Matt (M.R.)  
**Subject:** RE: Cracked rim

**Rick Nelson 505 325 1961 service dept ziems ford New Mexico he has all the data you could want..**

---

**From:** Bagley, Matt (M.R.)  
**Sent:** Tuesday, September 26, 2006 8:20 AM  
**To:** McClenaghan, Dean (D.C.); Campbell, Keith (K.A.)  
**Subject:** RE: Cracked rim

is this a new fleet? what fleet is this from... again not using recommended tire type or size this time.

Matt

---

**From:** McClenaghan, Dean (D.C.)  
**Sent:** Tuesday, September 26, 2006 8:10 AM  
**To:** Bagley, Matt (M.R.); Campbell, Keith (K.A.)  
**Subject:** FW: Cracked rim

**Fleet added d range tire**

---

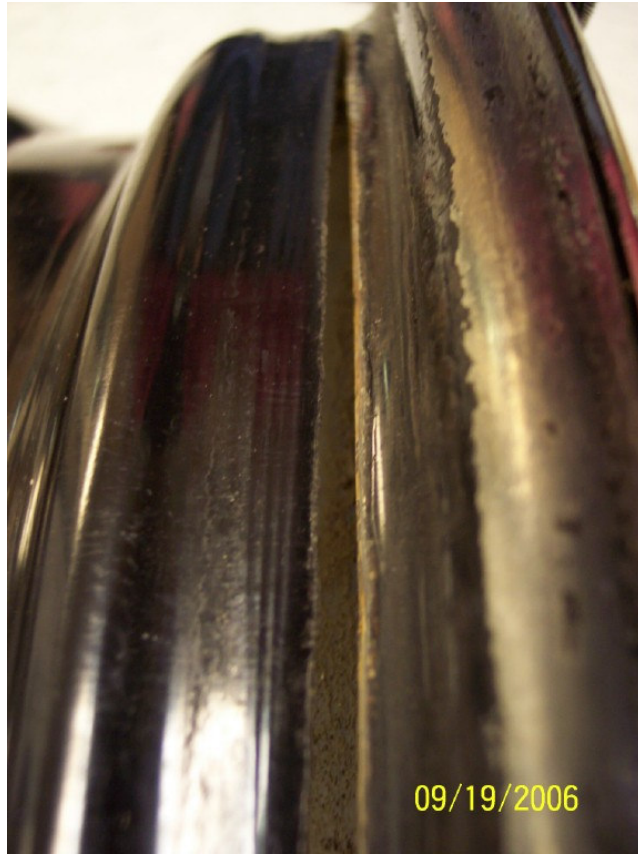
**From:** rnelson@ziemsford.com [mailto:rnelson@ziemsford.com]  
**Sent:** Tuesday, September 19, 2006 1:36 PM  
**To:** McClenaghan, Dean (D.C.)  
**Subject:** Cracked rim

Dean, here is the info.  
vin# 1FTRX14W55N [REDACTED]  
miles 39080  
BFG all terrain KO LT285/70R/17

The safety manager wants to change all the rims in the fleet now.

---

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7/27/08

136 wheel Received From Fresno Sheriff's  
department ~~from~~ Thru 7/20

Shipped to Hayes For Analysis 7/24 (arrived)

Hayes:

- ① uniformity analysis (Akron standard)
- ② leak check
- ③ visual inspection

High priority to wheels not replaced.

Estimated completion week 8/2

□ Invite Chris Patz to next mtg

---

**From:** Christensen, Kris (K.S.)  
**Sent:** Wednesday, May 07, 2008 9:47 PM  
**To:** Campbell, Keith (K.A.); Gniewek, Kenneth (K.J.)  
**Subject:** FW: Washington State - Expeditions

Please note...

***Kris S. Christensen***

SUV/Commercial Vehicle Critical Concern Manager  
MD 327 GCD26 PDC  
Bus.: (313) 323-8497 Fax: (313) 317-9257  
CDSID: kchrist1 E-mail: kchrist1@ford.com

---

**From:** Meier, Kenneth (K.W.)  
**Sent:** Wednesday, May 07, 2008 7:23 AM  
**To:** Christensen, Kris (K.S.)  
**Subject:** FW: Washington State - Expeditions

Chris,

Per our contact in CVO (Ken Arnold) there is not an issue with Washington State Police on Expedition wheels.

***Ken Meier***

**Commercial Vehicle Operations  
Commercial Service Manager  
Regent Court Building  
16800 Executive Pl. Dr.  
Dearborn, MI 48126-4207  
Phone: 313-317-1867 Fax: 313-248-3481**

---

**From:** Arnold, Ken (K.F.)  
**Sent:** Wednesday, May 07, 2008 12:37 AM  
**To:** Meier, Kenneth (K.W.)  
**Subject:** RE: Washington State - Expeditions

*Ken, after talking with Tracy Warren, Auto Shop Supv. At Wash. State Patrol, there is no problem here. They have only had 3 or 4 wheels cracked, and intend to take a proactive approach to a couple of other units, but no wholesale occurrence.*

***Ken Arnold***

*Fleet Zone Mgr. No. CA, OR and WA  
Phone: 916-893-4579  
Fax: 866-324-6396  
**karnold1@ford.com***

---

**From:** Meier, Kenneth (K.W.)

**Sent:** Tuesday, May 06, 2008 4:59 AM  
**To:** Arnold, Ken (K.F.)  
**Subject:** Washington State - Expeditions

Ken,

Give me a call please.....need to follow up on this.

*Ken Meier*

**Commercial Vehicle Operations  
Commercial Service Manager  
Regent Court Building  
16800 Executive Pl. Dr.  
Dearborn, MI 48126-4207  
Phone: 313-317-1867 Fax: 313-248-3481**

---

**From:** Clark, Scott (S.R.)  
**Sent:** Tuesday, June 27, 2006 11:12 AM  
**To:** Bagley, Matt (M.R.)  
**Subject:** FW: Tires from CA  
**Importance:** High

Info, let Fred know the details. Thanks Matt

*Scott R. Clark*

Modified Vehicle Specialist  
Police-Limo-Taxi-Livery  
Commercial Vehicle Operations  
Ford Customer Service Division  
Phone/Fax: 313-845-0448  
[sclark10@ford.com](mailto:sclark10@ford.com) <<mailto:sclark10@ford.com>>

---

**From:** Johnson, Fred J. [<mailto:Fred.Johnson@fresnosheriff.org>]  
**Sent:** Tuesday, June 27, 2006 11:09 AM  
**To:** Clark, Scott (S.R.)  
**Cc:** January, Tom; Caughell, Archie  
**Subject:** RE: Tires from CA

Yes and the one officer got his wheels changed Saturday so we should be all set. Tom January at (559) 488-3547 will be here on Friday at the Garage on the B-1 Level.

Archie, can you ensure the billing/shipping information is ready for the truck. See below emails for details

Fresno County Sheriff's Department  
Fleet Services  
2200 Fresno Street  
Fresno, California 93721

fj

**Sgt. Fred J. Johnson**  
**Sheriff's Fleet Manager**

*(559) 488-3385*  
*(559) 488-3699 fax*  
*(559) 262-2287 pgr.*

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

**From:** Clark, Scott (S.R.) [<mailto:sclark10@ford.com>]  
**Sent:** Tuesday, June 27, 2006 6:08 AM  
**To:** Johnson, Fred J.  
**Cc:** Bagley, Matt (M.R.)  
**Subject:** RE: Tires from CA  
**Importance:** High

Fred, engineering only wants the 140 road wheels that you replaced with the ones they sent. If you are still waiting for the one officer to bring in the last Expedition, don't worry about being short 4 wheels. Engineering and the plants shut down next week and would like to send the truck to pick up the road wheels this Friday, which would mean the wheels would arrive here in Dearborn, MI when they come back to work on the 10<sup>th</sup>. Is this feasible? Thanks for your help!

*Scott R. Clark*

Modified Vehicle Specialist  
Police-Limo-Taxi-Livery  
Commercial Vehicle Operations  
Ford Customer Service Division  
Phone/Fax: 313-845-0448  
[sclark10@ford.com](mailto:sclark10@ford.com) <<mailto:sclark10@ford.com>>

---

**From:** Johnson, Fred J. [<mailto:Fred.Johnson@fresnosheriff.org>]  
**Sent:** Monday, June 26, 2006 6:47 PM  
**To:** Bagley, Matt (M.R.)  
**Subject:** RE: Tires from CA

Matt,

We are going to change out the spares the Expeditions come in for service and store the wheels. Once they are all changed, I will call you to pick them up right?

Fred

**Sgt. Fred J. Johnson**  
**Sheriff's Fleet Manager**  
*(559) 488-3385*  
*(559) 488-3699 fax*  
*(559) 262-2287 pgr.*

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

**From:** Bagley, Matt (M.R.) [<mailto:mbagley1@ford.com>]  
**Sent:** Monday, June 26, 2006 10:46 AM  
**To:** Johnson, Fred J.  
**Cc:** Clark, Scott (S.R.); Campbell, Keith (K.A.)  
**Subject:** FW: Tires from CA

Sgt. Johnson, I will be arranging a truck (Central Transport) to pick up the 140 wheels on Friday 6/30. Your shipping area will need to provide shipping paperwork to the transportation company as follows:

Please send freight bill to:

Ford Motor Company  
5111 Auto Club Drive  
MD 675

Dearborn, MI 48126

Reference dept #: 5100T585

**Ship to:**

FORD RESEARCH & ENGINEERING  
20800 OAKWOOD REC B/EVB  
DEARBORN MI 48121  
Attn: Matt Bagley (Tire Lab)

I will send you confirmation of the scheduled pick-up when I get it.

Thanks,  
Matt Bagley

---

**From:** Lewis, Kathleen (K.M.)  
**Sent:** Thursday, June 01, 2006 10:12 AM  
**To:** Bagley, Matt (M.R.)  
**Subject:** Tires from CA

Matt, per our conversation, please have the shipping location note the following on the shipping paperwork they will be giving to the transportation company:

***Please send freight bill to:  
Ford Motor Company  
5111 Auto Club Drive  
MD 675  
Dearborn, MI 48126***

***Reference dept #: 5100xxxx (Matt, please supply this number so it can be included on paperwork).***

Also, you may want to call Central first to see if they have any trailers with a lift gate that can handle this if the Sheriff's office doesn't have a dock, etc.

Regards,



*Kathy Lewis*  
Ford Motor Company  
Transportation Administration  
klewis15@ford.com  
Phone: 313-322-9348  
Fax: 313-323-6349

---

**From:** McDonald, Joseph (J.)  
**Sent:** Wednesday, August 16, 2006 1:26 PM  
**To:** Jones, Rick (W.P.)  
**Subject:** FW: Report Summary for the CQIS Report#6HOFM001

FYI

---

**From:** Dionisi, Anthony (A.J.)  
**Sent:** Tuesday, August 15, 2006 8:51 PM  
**To:** McDonald, Joseph (J.)  
**Cc:** Dionisi, Anthony (A.J.)  
**Subject:** Report Summary for the CQIS Report#6HOFM001

Joe, please forward to ECI and see if they would like to have these two wheels.

**Attachments :** 7

<b>Report# :</b>	6HOFM001 FQEIR	<b>Received:</b>	08/15/2006		
<b>CCRG/EPRC:</b>		<b>Date:</b>			
<b>Vehicle:</b>	2005,EXPEDITION 4X4,XLT ,MPV ,1FMPU16555L [REDACTED] -	<b>Build Date:</b>	01/11/2005		
<b>Odometer :</b>	68,148 M	<b>Engine:</b>	MOD 5.4 3V	<b>Calibration:</b>	5B714E0A
<b>Transmission:</b>	4R75E	<b>Axle:</b>	3800F3.73L	<b>A/C:</b>	YES
<b>Dealer:</b>	USA 03294 O'Meara Ford Center Inc	<b>Phone#:</b>	(303) 254- 5020		
<b>City:</b>	Northglenn	<b>State:</b>	Colorado	<b>Country :</b>	USA
<b>Originator:</b>	TONY DIONISI				
<b>Symptom:</b>	3 06 0 00 CHASS.,TIRES/WHEELS,OTHER-CODE NA,OTHER-CODE NA				
<b>Status:</b>					
<b>VFG:</b>	V44 MECHANICAL MALFUNCT INDICATION				
<b>Additional Symptom:</b>					
<b>Fix:</b>	<b>Causal Component :</b>				
<b>Condition Code:</b>					
<b>Region Code:</b>	MT	<b>Region Name:</b>	Mountain West		

**Comments :**

CONCER 08/15/2006 08:33PM ANTHONY DIONISI MSS - FCSD - CQD - FQE  
TWO STEEL WHEELS ARE CRACKED.

TECH/C 08/15/2006 08:33PM ANTHONY DIONISI MSS - FCSD - CQD - FQE

DENVER FQE INSPECTED WHEELS AND NOTED THE FOLLOWING: \* UNIT OWNED BY

ADAMS COUNTY SHERIFF DEPARTMENT \* WHEELS WERE DROPPED OFF AT

DEALERSHIP - FROM A 2005 EXPEDITION POLICE UNIT \* MARKINGS ON BOTH 6

LUG STEEL WHEELS ARE THE SAME: ON INSIDE SURFACE OF WHEEL: 12 02 04 3

7 K4 17X7.5J T DOT; ON OUTSIDE SURFACE OF WHEEL BY LUG NUT HOLES: FORD

K4 04 N 5 4L14-BA \* NO OBVIOUS ABUSE/IMPACT MARKS ON WHEELS. ONE WHEEL HAS NOTICEABLE CRACK IN WHEEL APPROXIMATELY 30-40% AROUND WHEEL

IN AREA OF WELD WHERE BEAD OF TIRE SITS/VALVE STEM AREA. OTHER WHEEL

HAS A HAIRLINE TYPE CRACK IN SIMILAR LOCATION. \* PHOTOS ATTACHED. \*

CONTACT DENVER FQE (A. DIONISI - 303-949-9865) FOR ADDITIONAL INFORMATION.

Please click on the link below to view the attachments associated with this report

[https://www.gcqis.dealerconnection.com/gcqis/asp/DIViewAttachment\\_Mainx.asp?ReportNumber=6HOFM001](https://www.gcqis.dealerconnection.com/gcqis/asp/DIViewAttachment_Mainx.asp?ReportNumber=6HOFM001)

---

**From:** Herron, Micheal (M.C.)  
**Sent:** Monday, January 14, 2008 8:36 AM  
**To:** Pietrzak, Kenneth (K.E.); Thompson, Lena (L.M.)  
**Subject:** FW: Report Summary for the CQIS Report#8AIAF003

[FYI...](#)

---

**From:** Gillman, Paul (P.D.)  
**Sent:** Thursday, January 10, 2008 9:30 AM  
**To:** Herron, Micheal (M.C.); Bagley, Matt (M.R.)  
**Cc:** Hartford, Dale (D.J.); Gillman, Paul (P.D.)  
**Subject:** RE: Report Summary for the CQIS Report#8AIAF003

[The shot peened wheel went into production June 2006.](#)

Paul Gillman  
Expedition & Navigator Tires/Wheels  
Panther Tires/Wheels  
Phone: (313) 805-3412

---

**From:** Herron, Micheal (M.C.)  
**Sent:** Thursday, January 10, 2008 9:28 AM  
**To:** Gillman, Paul (P.D.); Bagley, Matt (M.R.)  
**Cc:** Hartford, Dale (D.J.)  
**Subject:** FW: Report Summary for the CQIS Report#8AIAF003

[When did we go to the shot peen process on the steel wheel? There were a couple SSV units in Arizona \(high mileage\) with cracked rims at the weld...](#)

---

**From:** KPIETRZA@ford.com [mailto:KPIETRZA@ford.com]  
**Sent:** Thursday, January 10, 2008 7:33 AM  
**To:** Herron, Micheal (M.C.)  
**Subject:** Report Summary for the CQIS Report#8AIAF003

06 with cracked rims

**Attachments :** 0

**Report# :** 8AIAF003 FLEET

**CCRG/EPRC:**

**Reviewed Status:**

**Received:** 01/09/2008

**Date:**

**Vehicle:** 2006,EXPEDITION  
4X4,XLT ,MPV ,1FMPU16566L [REDACTED]

**Build Date:** 04/20/2006

**Odometer :** 61,129 M      **Engine:** MOD 5.4      **Calibration:** 6B714E0A  
3V  
**Transmission:** 4R75E-L      **Axle:** 3800F3.73L      **A/C:** YES  
**Dealer:** USA 60347 FORD MOTOR CO. FPSDGO FLT SVC      **Phone#:**  
**City:** Dearborn      **State:** Michigan      **Country :** USA  
**Originator:** DAN JOHNSON  
**Symptom:** 3 06 2 01 CHASS.,TIRES/WHEELS,AIR LOSS,SLOW LEAK  
**Status:**  
**VFG:** V88 TIRES  
**Additional Symptom:** WHEEL RIM CRACKED  
**Fix:**      **Causal Component :**  
**Condition Code:**

**Fleet Nbr:** QA283 0000000      **Fleet Name:** ARIZONA DEPARTMENT OF PUBLIC S  
**Phone:** ( 602 ) 223 - 2527      **City:** PHOENIX      **State:** AZ  
**Spec:** KEN MEIER      **Spec Phone:** ( 313 ) 317 - 1867

**DTCs:**  
KOEO:  
KOEC:  
KOER:

**Comments :**

CAUS/D      01/09/2008 07:54AM KEN MEIER MSS - FCSD - CVO  
FLEET CUSTOMER, ARIZONA DEPARTMENT OF PUBLIC SAFETY,  
REPORTING CONCERN  
OF AIR LOSS IN TIRES. INVESTIGATION REVEALED 3 CRACKED WHEEL  
RIMS.  
CRACK IS WHERE THE INNER AND OUTER RIM ARE WELDED TOGETHER.  
FLEET  
EXTREMELY CONCERNED. FLEET HAS BEEN ADVISED ON NEW SERVICE  
WHEEL RIM  
(SHOT PINGED).

---

**From:** Eiswerth, Eric (E.E.)  
**Sent:** Thursday, May 18, 2006 8:06 AM  
**To:** Bagley, Matt (M.R.)  
**Cc:** Campbell, Keith (K.A.); Ott, David (D.J.)  
**Subject:** FW: Preliminary Agenda: 2003 Expedition SSV - Steel Wheel Weld Cracks

**Attachments:** Exped St Whl.xls

Matt,

I made a few revisions to the Expedition steel wheel data.

I deleted a few records because they were duplicates of the same incident (i.e. a MORS report describing the same incident with similar mileage and incident date as a warranty claim).

I also added a column showing whether the truck is fleet/retail or company lease. I don't have information on the population of vehicles sold as "fleet" so I haven't been able to determine rates.



Exped St Whl.xls  
(98 KB)

*Regards,*

*Eric Eiswerth  
Ford Automotive Safety Office  
eeiswert@ford.com  
(313)390-5129*

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**From:** Eiswerth, Eric (E.E.)  
**Sent:** Tuesday, May 16, 2006 11:24 AM  
**To:** Bagley, Matt (M.R.)  
**Subject:** RE: Preliminary Agenda: 2003 Expedition SSV - Steel Wheel Weld Cracks

First I separated the steel wheel population into SSV and non-SSV. Then I divided the non-SSV population into XLT/XLS (painted) and FX4/NBX (chrome). If you add the XLT/XLS and the FX4/NBX, it should equal the non-SSV number. I added the "non-SSV" description to the XLT/XLS numbers because the SSV vehicles use the same body code as XLT. There was one 2003 vehicle that had a build code for an alloy wheel but it also had a specific warranty claim alleging the wheel cracked at the bead weld.

*Regards,*

*Eric Eiswerth  
Ford Automotive Safety Office  
eeiswert@ford.com  
(313)390-5129*

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**From:** Bagley, Matt (M.R.)  
**Sent:** Tuesday, May 16, 2006 11:05 AM  
**To:** Eiswerth, Eric (E.E.)  
**Subject:** RE: Preliminary Agenda: 2003 Expedition SSV - Steel Wheel Weld Cracks

What is the difference between a "non-SSV" and a "Non-SSV XLT/XLS (Painted)"?

Thanks,  
Matt

---

**From:** Eiswerth, Eric (E.E.)

**Sent:** Tuesday, May 16, 2006 10:59 AM  
**To:** Bagley, Matt (M.R.)  
**Subject:** RE: Preliminary Agenda: 2003 Expedition SSV - Steel Wheel Weld Cracks

Matt - I also sent the file to Keith

Regards,

Eric Eiswerth  
Ford Automotive Safety Office  
eeiswert@ford.com  
(313)390-5129

---

**From:** Bagley, Matt (M.R.)  
**Sent:** Thursday, May 04, 2006 2:54 PM  
**To:** Eiswerth, Eric (E.E.); Campbell, Keith (K.A.)  
**Cc:** Ott, David (D.J.)  
**Subject:** RE: Preliminary Agenda: 2003 Expedition SSV - Steel Wheel Weld Cracks

Eric, is there anyway you could slice these reports by vehicle application? The painted steel wheel was used on SSV & XLT in 03MY and SSV & XLS in 04MY. The painted wheel continues to be used on SSV only. The chrome plated wheel was used on FX4 in 03MY. So if you could show the repair rates for the following:

- SSV
- XLT/XLS
- FX4

That would be helpful to understand the issue.

Thanks,

Matt Bagley

---

**From:** Eiswerth, Eric (E.E.)  
**Sent:** Tuesday, May 02, 2006 3:23 PM  
**To:** Campbell, Keith (K.A.)  
**Cc:** Bagley, Matt (M.R.); Ott, David (D.J.)  
**Subject:** RE: Preliminary Agenda: 2003 Expedition SSV - Steel Wheel Weld Cracks

See attached pdf file.

Dave - the xl file is on the W drive (W:\gasc\common\eeiswert\Exped whls\exped rpts.XLS) in case any other info is needed (it's 2 Mb, so I didn't want to send it).

Keith - I'll be out of town Wed - Fri - contact Dave Ott if you need anything for the CCRG.

<< File: Exped st whl graphs.pdf >>

Regards,

Eric Eiswerth  
Ford Automotive Safety Office  
eeiswert@ford.com  
(313)390-5129

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**From:** Campbell, Keith (K.A.)  
**Sent:** Tuesday, May 02, 2006 2:56 PM  
**To:** Eiswerth, Eric (E.E.)  
**Cc:** Bagley, Matt (M.R.)  
**Subject:** FW: Preliminary Agenda: 2003 Expedition SSV - Steel Wheel Weld Cracks  
**Importance:** High

Need your updated warranty analysis with the mileage of claims in addition to the existing analysis.

*Regards, Keith Campbell*

Tires-Wheels for Body on Frame, Supervisor

Phone & Fax (313) 24-89316 Cell & Pager (313) 805-3390

PDC 2B-J30

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**From:** Christensen, Kris (K.S.)  
**Sent:** Tuesday, May 02, 2006 11:37 AM  
**To:** Campbell, Keith (K.A.); Bagley, Matt (M.R.)  
**Cc:** Rohweder, David (D.S.)  
**Subject:** Preliminary Agenda: 2003 Expedition SSV - Steel Wheel Weld Cracks  
**Importance:** High

Please be advised that the subject concern is tentatively scheduled for review in the BoF-SUV/Panther CCRG meeting on Thursday, May 4 at 9:00am. Time will be confirmed on Wednesday.

The CCRG meeting is held in conference room: PDC 2B-F28.

Please be prepared to provide a verbal report on the root cause investigation findings and planned/implemented corrective actions.

If you have any documents to support the discussion, please provide electronic files to me by 4:00pm on WED as we are utilizing on-line facilities and no longer using hard-copy documents.

If you have any questions, please contact me.

***Kris S. Christensen***

BoF-SUV/Panther Critical Concern Manager

MD 327 GCD26 PDC

Bus.: (313) 323-8497 Fax: (313) 317-9257

CDSID: kchrist1 E-mail: kchrist1@ford.com



Inquiry	ReportNum	MY	Milage	WAR_DATI	DLR_NAME	DLR_Code	DLR_State	BUILD_DATI	Month	Report Date	Report Month	VIN	Body Code	PKG	Part_Base	Source	Cat	Dup	TIS	SSV?	Wheel	F/LR	
Exp'd whls	581878	2003	2649	10/25/2002	CROWN FORD, INC.	6727	VA	8/16/2002	Nov-02	4/28/2004	Apr-04	1FMFU16L3L1	U16	XLT 4WD 1015	AWS	A1					9	Chrome R	
Exp'd whls	523556	2003	1667	1/20/2002	CROWN FORD	602	CA	11/21/2002	Nov-02	11/5/2003	Nov-03	1FMFU16L3L1	U16	XLT 4WD 1015	AWS	A1					9	Chrome R	
Exp'd whls	465248	2003	3416	10/31/2002	VALLEY FORD, INC.	3355	CO	9/21/2002	Nov-02	2/17/2004	Feb-04	1FMFU16L3L1	U16	XLT 4WD 1015	AWS	B					15	Chrome R	
Exp'd whls	7146978	2003	34133	10/24/2002	AAFAHME BURT FORD ON DON SANDERSON FORD.	3188	CO	10/17/2002	Oct-02	7/6/2004	Jul-04	1FMFU16L3L1	U16	XLT 4WD 1015	AWS	B					20	Chrome F	
Exp'd whls	6466806	2003	31515	9/27/2002	INC. ATCHINSON FORD SALES	20301	AZ	9/10/2002	Sep-02	6/9/2004	Jun-04	1FMFU16L3L1	U16	XLT 4WD 1015	AWS	A1					20	Chrome R	
Exp'd whls	6237078	2003	20562	10/21/2002	INC	2731	MI	9/20/2002	Sep-02	6/1/2004	Jun-04	1FMFU16L3L1	U16	XLT 4WD 1015	AWS	A1					19	Chrome R	
Exp'd whls	8636564	2003	41617	5/19/2003	"BRIARWOOD FORD, INC." "BARBER-FREEMAN	2686	MI	12/4/2002	Dec-02	11/26/2004	Nov-04	1FMFU16L3L1	U16	XLT 4WD 1015	AWS	A1					18	Chrome R	
Exp'd whls	12853890	2003	34957	5/6/2003	AUTOCMTRV 3888	AL		1/2/2003	Jan-03	12/23/2005	Dec-05	1FMFU16L3L1	U16	XLT 4WD 1015	AWS	A1					31	Chrome R	
Exp'd whls	4462374	2003	7711	11/13/2003	COUHLIN FORD	2303	OH	2/4/2003	Feb-03	12/29/2003	Dec-03	1FMFU16L3L1	U16	XLT 4WD 1015	AWS	B					1	Chrome R	
Exp'd whls	3891073	2003	39170	12/31/2002	JIM BURKE FORD	5471	CA	9/21/2002	Sep-02	10/27/2003	Oct-03	1FMFU16L4L1	U16	XLT 4WD 1007	AWS	A1					9	Chrome F	
Exp'd whls	5396319	2003	23256	12/5/2002	BERGE FORD	20305	AZ	9/16/2002	Sep-02	3/27/2004	Mar-04	1FMFU16L4L1	U16	XLT 4WD 1015	AWS	A1					15	Chrome R	
Exp'd whls	1386470/0451109 30620002	2003	44000	5/21/2003	ENFIELD FORD	08621	CT	1/29/2003	Jan-03	1/14/2006	Jan-06	1FMFU16L4L1	U16	XLT 4WD 1015	MCRS III	B					31	Chrome R	
Exp'd whls	12897559	2003	44200	5/21/2003	ENFIELD FORD	0821	CT	1/29/2003	Jan-03	1/10/2006	Jan-06	1FMFU16L4L1	U16	XLT 4WD 1007	AWS	A1					31	Chrome R	
Exp'd whls	1151701	2003	20038	9/30/2002	ALL AMERICAN FORD- LINDA MOTOR CO.	2669	MI	9/11/2002	Sep-02	4/24/2003	Apr-03	1FMFU16L4L1	U16	XLT 4WD 1015	AWS	B					6	Chrome R	
Exp'd whls	7995328	2003	25962	1/11/2003	LITHA FORD OF FRESNO	2811	CA	10/16/2002	Oct-02	10/4/2004	Oct-04	1FMFU16L3L1	U16	XLT 4WD 1015	AWS	A1					20	Chrome R	
Exp'd whls	8101374	2003	35080	11/26/2002	HILLYERS MID-CITY FORD	8716	OR	11/11/2002	Nov-02	9/7/2004	Sep-04	1FMFU16L3L1	U16	XLT 4WD 1015	AWS	A1					21	Chrome F	
Exp'd whls	10344607	2003	50995	12/18/2002	KEESIE MOTOR CO	3161	CO	9/23/2002	Sep-02	3/31/2005	Mar-05	1FMFU16L6L1	U16	XLT 4WD 1015	AWS	A1					27	Chrome R	
Exp'd whls	11002873	2003	34645	12/27/2002	MERC BRADLEY FORD LINCOLN-	20346	AZ	10/7/2002	Oct-02	8/1/2005	Jan-05	1FMFU16L3L1	U16	XLT 4WD 1015	AWS	A1					29	Chrome R	
Exp'd whls	4729188	2003	31776	1/16/2003	SOUTHERN FORD	1019	TX	11/7/2002	Nov-02	3/2/2004	Mar-04	1FMFU16L6L1	U16	XLT 4WD 1015	AWS	A1					13	Chrome R	
Exp'd whls	520680	2003	7747	9/29/2002	BIG VALLEY FORD	7742	CA	9/16/2002	Sep-02	2/7/2003	Feb-03	1FMFU16L7L1	U16	XLT 4WD 1015	AWS	A1					4	Chrome R	
Exp'd whls	2825953	2003	23792	11/1/2002	CHANG GAUBUS FORD	3334	IA	10/7/2002	Oct-02	10/6/2003	Oct-03	1FMFU16L7L1	U16	XLT 4WD 1015	AWS	A1					11	Chrome R	
Exp'd whls	11683916	2003	42081	4/5/2003	MERCURY, I. FOX LAKE FORD	1552	IL	12/19/2002	Dec-02	8/10/2005	Aug-05	1FMFU16L7L1	U16	XLT 4WD 1015	AWS	A1					28	Chrome R	
Exp'd whls	4462300	2003	31126	12/4/2002	VILLAGE FORD SALES, "RITTENHOUSE-KERR	1512	IL	10/16/2002	Oct-02	12/30/2003	Dec-03	1FMFU16L8L1	U16	XLT 4WD 1015	AWS	A1					12	Chrome R	
Exp'd whls	10522919	2003	35775	2/28/2003	FORD, I. ST. PIERRE FORD, INC.	20521	WA	10/14/2002	Oct-02	4/7/2005	Apr-05	1FMFU16L8L1	U16	XLT 4WD 1015	AWS	B					25	Chrome R	
Exp'd whls	510791	2003	17573	9/27/2002	PIERRE FORD, INC. ESTES PARK AUTO MALL,	6596	NJ	9/10/2002	Sep-02	10/12/2003	Oct-03	1FMFU16L8L1	U16	XLT 4WD 1015	AWS	A1						12	Chrome R
Exp'd whls	8056522	2003	27087	7/16/2003	N	3879	CO	9/17/2002	Sep-02	10/13/2004	Oct-04	1FMFU16L9L1	U16	XLT 4WD 1015	AWS	A1					14	Chrome R	
Exp'd whls	2186729	2003	17168	12/23/2002	MARBITT FORD	20018	AZ	9/23/2002	Sep-02	10/2/2003	Oct-03	1FMFU16L9L1	U16	XLT 4WD 1015	AWS	A1						7	Chrome R
Exp'd whls	3JB4A48	2003	5044	1/2/2003	Milnes Ford Inc.	20064	NJ	9/23/2002	Sep-02	10/2/2003	Oct-03	1FMFU16L9L1	U16	XLT 4WD	COIS	A1						9	Alloy R
Exp'd whls	1134087	2003	31011	11/4/2002	SMITH SOUTH PLAINS	3553	TX	10/20/2003	Oct-03	6/16/2004	Jun-04	1FMFU16W434	U14	XLS 4WD 1015	AWS	A1					7	Paint F	
Exp'd whls	4487316	2003	29145	12/9/2002	20TH CENTURY FORD	8299	ID	9/4/2002	Sep-02	1/5/2004	Jan-04	1FMFU16L0L1	U16	XLT 4WD 1015	AWS	A1						12	Chrome R
Exp'd whls	4781410	2003	20378	12/17/2002	QILBOY FORD-MERCURY, PARK CITY FORD, INC.,"	1463	PA	9/17/2002	Sep-02	3/5/2004	Mar-04	1FMFU16L0L1	U16	XLT 4WD 1015	AWS	A1						14	Chrome F
Exp'd whls	9867006	2003	25251	11/2/2002	"PARK CITY FORD, INC.,"	3678	CT	10/7/2002	Oct-02	11/4/2005	Jan-05	1FMFU16L0L1	U16	XLT 4WD 1015	AWS	B					28	SSV F	
Exp'd whls	2747987	2003	19217	11/30/2002	DALE JARRETT FORD	1014	NC	10/11/2002	Oct-02	9/29/2003	Sep-03	1FMFU16L0L1	U16	XLT 4WD 1007	AWS	A1						9	Chrome R
Exp'd whls	3088522	2003	13688	1/30/2003	DALE JARRETT FORD	1400	NC	10/11/2002	Oct-02	9/29/2003	Sep-03	1FMFU16L0L1	U16	XLT 4WD 1015	AWS	B						9	Chrome R
Exp'd whls	12420834	2003	22797	4/16/2003	POWER FORD VALENCIA	1864	CA	11/23/2002	Nov-02	11/11/2005	Nov-05	1FMFU16L0L1	U16	XLT 4WD 1015	AWS	A1						30	Chrome L
Exp'd whls	03760231342059 30670502	2003	30000	10/10/2003	WEST-HEER FORD INC	00691	NE	2/14/2003	Feb-03	11/8/2004	Nov-04	1FMFU16L0L1	U16	XLT 4WD	MCRS III	A1						12	Chrome R
Exp'd whls	5244299	2003	17110	10/25/2002	MULLANE FORD INC.	20804	NJ	9/16/2002	Sep-02	7/20/2005	Jul-05	1FMFU16L2L1	U16	XLT 4WD 1015	AWS	A1						12	SSV Paint F
Exp'd whls	15764901461103 30650003	2003	50000	3/28/2003	SKYLINE SALES, INC."	0892	CR	10/14/2002	Oct-02	9/11/2006	Jan-06	1FMFU16L2L1	U16	XLT 4WD 1015	MCRS III	A1						33	Chrome R
Exp'd whls	1273115	2003	51243	3/26/2003	L M O GORDE BOUCHER FORD	6183	WI	10/11/2002	Oct-02	12/17/2005	Dec-05	1FMFU16L1L1	U16	XLT 4WD 1015	AWS	A1						32	Chrome R
Exp'd whls	3872351	2003	20387	12/11/2002	FUTURE FORD OF CLOVIS	7777	CA	11/19/2002	Nov-02	12/22/2003	Dec-03	1FMFU16L1L1	U16	XLT 4WD 1015	AWS	B						12	SSV Paint F
Exp'd whls	SDCCR016	2003	84573	3/12/2003	Hansen Ford Sales, Inc.	04078	ND	2/4/2003	Feb-03	4/4/2005	Apr-05	1FMFU16L1L1	U16	XLT 4WD	COIS	A1						24	SSV Paint F
Exp'd whls	6848064	2003	26548	6/10/2003	FOR	7256	CA	5/20/2003	May-03	7/8/2004	Jul-04	1FMFU16L1L1	U16	XLT 4WD 1015	AWS	A1						12	SSV Paint F
Exp'd whls	3833430	2003	20457	12/20/2002	FORD SALES SWANSON-FAHREY	7734	CA	9/29/2002	Sep-02	12/18/2003	Dec-03	1FMFU16L2L1	U16	XLT 4WD 1015	AWS	B						11	Chrome R
Exp'd whls	4642805	2003	42347	10/25/2002	MULLANE FORD INC.	20804	NJ	9/16/2002	Sep-02	2/4/2004	Feb-04	1FMFU16L2L1	U16	XLT 4WD 1015	AWS	A1						15	Chrome R
Exp'd whls	11487578	2003	84172	10/25/2002	MULLANE FORD INC.	20804	NJ	9/16/2002	Sep-02	7/20/2005	Jul-05	1FMFU16L2L1	U16	XLT 4WD 1015	AWS	A1						32	Chrome R
Exp'd whls	7116170	2003	30983	3/15/2003	SKYLINE SALES, INC."	0892	CR	10/14/2002	Oct-02	7/12/2004	Jul-04	1FMFU16L2L1	U16	XLT 4WD 1015	AWS	A1						12	SSV Paint F
Exp'd whls	05374608852042 30620002	2003	39429	3/15/2003	SKYLINE FORD SALES, LONG MCARTHUR, INC."	0543	KS	10/14/2002	Oct-02	3/9/2005	Mar-05	1FMFU16L2L1	U16	XLT 4WD	MCRS III	B						23	Chrome R
Exp'd whls	3186545	2003	23498	4/22/2003	"LONG MCARTHUR, INC."	5254	KS	3/21/2003	Mar-03	10/28/2003	Oct-03	1FMFU16L2L1	U16	XLT 4WD 1015	AWS	B						6	SSV Paint F
Exp'd whls	4LFC003	2003	23000	4/10/2003	PPSDGO FLT HOMER HELLER FORD	60347	MI	3/26/2003	Mar-03	12/6/2004	Dec-04	1FMFU16L2L1	U16	XLT 4WD	COIS	A1						19	SSV Paint F
Exp'd whls	8833446	2003	23433	4/10/2003	HOMER HELLER FORD	5438	CA	3/26/2003	Mar-03	12/7/2004	Dec-04	1FMFU16L2L1	U16	XLT 4WD 1015	COIS/AWS	B						19	SSV Paint F
Exp'd whls	11152868	2003	25435	10/28/2002	SUN STATE FORD, INC."	1172	FL	10/17/2002	Oct-02	6/22/2005	Jun-05	1FMFU16L3L1											

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**From:** Clark, Scott (S.R.)  
**Sent:** Thursday, June 22, 2006 12:58 PM  
**To:** Bagley, Matt (M.R.); Campbell, Keith (K.A.)  
**Cc:** Howe, Brian (B.T.)  
**Subject:** FW: info

Good info. Thanks Brian.

*Scott R. Clark*

Modified Vehicle Specialist  
Police-Limo-Taxi-Livery  
Commercial Vehicle Operations  
Ford Customer Service Division  
Phone/Fax: 313-845-0448  
[sclark10@ford.com](mailto:sclark10@ford.com) <<mailto:sclark10@ford.com>>

---

**From:** Howe, Brian (B.T.)  
**Sent:** Thursday, June 22, 2006 12:46 PM  
**To:** Clark, Scott (S.R.)  
**Subject:** FW: info

Scott, Fred will try and do a control study on some units. If LT tires are the issue and he follows through with this, we may get some good info.

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

**From:** Johnson, Fred J. [<mailto:Fred.Johnson@fresnosheriff.org>]  
**Sent:** Thursday, June 22, 2006 9:34 AM  
**To:** Howe, Brian (B.T.)  
**Subject:** RE: info

We can try that now that it's summer

**Sgt. Fred J. Johnson**  
**Sheriff's Fleet Manager**  
*(559) 488-3385*  
*(559) 488-3699 fax*  
*(559) 262-2287 pgr.*

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

**From:** Howe, Brian (B.T.) [<mailto:bhowe2@ford.com>]  
**Sent:** Thursday, June 22, 2006 9:31 AM  
**To:** Johnson, Fred J.  
**Cc:** Clark, Scott (S.R.)  
**Subject:** RE: info

Fred, We are investigating the use of LT tires and it's impact on the wheels. Ford recommends the use of original equipment rated tires and we do not test our vehicles

with all the different ratings, sizes out in the market place. Is it possible to pick 6-10 units to just use P rated tires only and this would be a good control to see if any further issues occur on units that use LT and ones that only use P rated.

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

**From:** Johnson, Fred J. [mailto:Fred.Johnson@fresnosheriff.org]

**Sent:** Thursday, June 22, 2006 7:59 AM

**To:** Howe, Brian (B.T.)

**Cc:** January, Tom

**Subject:** info

Brian,

One of the questions was regarding our wheels was what tires do we use so I had staff research and they are listed below. The reasons we use different tires is availability of tires at the time of need staying within mechanic approvals. Also we cannot get a tire with an aggressive mud and snow tread in a "P" rating.

Toyo Open Country A/T  
P265-70R17 35psi

Toyo Open Country A/T  
LT265-70R17 35psi

Goodyear Wrangler MT/R  
LT265-70R17 35psi

Cooper Discovery A/T  
LT265-70R17 35psi

Dunlop Mud Rover  
LT265-70R17 35psi

National Commando A/T  
LT265-70R17 35psi

Chaparrel  
P265-70R17 35psi

**Sgt. Fred J. Johnson**  
**Sheriff's Fleet Manager**

*(559) 488-3385*

*(559) 488-3699 fax*

*(559) 262-2287 pgr.*

---

**From:** Clark, Scott (S.R.)  
**Sent:** Thursday, May 18, 2006 7:52 AM  
**To:** Campbell, Keith (K.A.); Bagley, Matt (M.R.)  
**Cc:** Christensen, Kris (K.S.)  
**Subject:** FW: Fresno Expedition Wheel

Keith, Matt, see below. Spare wheels are different design and would not need to be changed out. Correct???

*Scott R. Clark*

Modified Vehicle Specialist  
Police-Limo-Taxi-Livery  
Commercial Vehicle Operations  
Ford Customer Service Division  
Phone/Fax: 313-845-0448  
[sclark10@ford.com](mailto:sclark10@ford.com) <<mailto:sclark10@ford.com>>

---

**From:** Johnson, Fred J. [<mailto:Fred.Johnson@fresnosheriff.org>]  
**Sent:** Tuesday, May 16, 2006 1:37 PM  
**To:** Clark, Scott (S.R.)  
**Subject:** RE: Expedition Wheel

Scott,

Thank you for the email. We are currently changing out wheels for our Expeditions at this time. It will take two weeks to complete the task. I am having our mechanics in-house conduct leak tests as we remove the old wheels prior to dismounting the tire itself. So far there are three additional cracked wheels.

Also, I will need to replace the spare tires per direction from my bosses. Can you advise how I would get these additional wheels and part numbers?

Thank you,

Fred

**Sgt. Fred J. Johnson**  
**Sheriff's Fleet Manager**

*(559) 488-3385*  
*(559) 488-3699 fax*  
*(559) 262-2287 pgr.*

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

**From:** Clark, Scott (S.R.) [<mailto:sclark10@ford.com>]  
**Sent:** Monday, May 15, 2006 8:36 AM  
**To:** Johnson, Fred J.  
**Subject:** RE: Expedition Wheel

Hi Fred. as per my voicemail, I'm just wondering what the current status is on the wheels that were sent

out and if you will be able to send back any of the wheels that you will be replacing? Thanks.

*Scott R. Clark*

Modified Vehicle Specialist  
Police-Limo-Taxi-Livery  
Commercial Vehicle Operations  
Ford Customer Service Division  
Phone/Fax: 313-845-0448  
[sclark10@ford.com](mailto:sclark10@ford.com) <<mailto:sclark10@ford.com>>

---

**From:** Johnson, Fred J. [<mailto:Fred.Johnson@fresnosheriff.org>]  
**Sent:** Friday, April 28, 2006 1:03 PM  
**To:** Clark, Scott (S.R.)  
**Subject:** RE: Expedition Wheel

Scott,

I am off today, however I can answer some of your questions from home.

As I told Howe, the cracks were discovered mostly by a slow leak and our deputies when to the shop. Once at the our garage, we discovered the cracks. We inspect all wheels when tires are put on. On Monday I can give you better information. My guys in the garage called me at home today and told me that two more cracks were discovered today when a deputy brought in his vehicle for service and we conducted the usual inspections. I sent Howe VIN numbers, but will resend on Monday.

Thank you,

Fred

---

**From:** Clark, Scott (S.R.) [<mailto:sclark10@ford.com>]  
**Sent:** Fri 4/28/2006 9:08 AM  
**To:** Johnson, Fred J.  
**Cc:** Howe, Brian (B.T.)  
**Subject:** RE: Expedition Wheel

Fred, I just found out from engineering that the expedited shipping is scheduled to arrive Wednesday and that the carrier does not unload. Engineering would like to obtain the wheels that weren't sent back; that you believe had issues along with some of them you are replacing with the new. They would like vehicle identification number and mileage information. These can actually be written on the wheel if that helps. Engineering would also like to know how you detect a wheel that has a concern. Are you performing routine inspections, do you have slow leaks, steering nibble, trouble balancing, etc.? Thanks!

*Scott R. Clark*

Modified Vehicle Specialist  
Police-Limo-Taxi-Livery  
Commercial Vehicle Operations  
Ford Customer Service Division

Phone/Fax: 313-845-0448

[sclark10@ford.com](mailto:sclark10@ford.com) <<mailto:sclark10@ford.com>>

---

**From:** Johnson, Fred J. [<mailto:Fred.Johnson@fresnosheriff.org>]  
**Sent:** Thursday, April 27, 2006 1:19 PM  
**To:** Clark, Scott (S.R.)  
**Subject:** RE: Expedition Wheel

Scott, thank you very much!

**Sgt. Fred J. Johnson**  
**Sheriff's Fleet Manager**

*(559) 488-3385*

*(559) 488-3699 fax*

*(559) 262-2287 pgr.*

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

**From:** Clark, Scott (S.R.) [<mailto:sclark10@ford.com>]  
**Sent:** Thursday, April 27, 2006 9:22 AM  
**To:** Johnson, Fred J.  
**Subject:** RE: Expedition Wheel

Fred, 9 pallets, 140 wheels, quickest we could get them there is 4 days. Their in shipment now.  
Thanks.

*Scott R. Clark*

Modified Vehicle Specialist

Police-Limo-Taxi-Livery

Commercial Vehicle Operations

Ford Customer Service Division

Phone/Fax: 313-845-0448

[sclark10@ford.com](mailto:sclark10@ford.com) <<mailto:sclark10@ford.com>>

---

**From:** Johnson, Fred J. [<mailto:Fred.Johnson@fresnosheriff.org>]  
**Sent:** Thursday, April 27, 2006 12:17 AM  
**To:** Clark, Scott (S.R.)  
**Subject:** RE: Expedition Wheel

Scott, I am checking my email from home and want to thank you for your help in this matter.

Thank You,

Fred

---

**From:** Clark, Scott (S.R.) [<mailto:sclark10@ford.com>]  
**Sent:** Wed 4/26/2006 6:57 PM  
**To:** Johnson, Fred J.  
**Subject:** RE: Expedition Wheel

Ford will provide the wheels and shipping for field testing at no cost. However, your agency would need to install.

*Scott R. Clark*

Modified Vehicle Specialist  
Police-Limo-Taxi-Livery  
Commercial Vehicle Operations  
Ford Customer Service Division  
Phone/Fax: 313-845-0448  
[sclark10@ford.com](mailto:sclark10@ford.com) <<mailto:sclark10@ford.com>>

---

**From:** Johnson, Fred J. [<mailto:Fred.Johnson@fresnosheriff.org>]  
**Sent:** Wednesday, April 26, 2006 6:17 PM  
**To:** Clark, Scott (S.R.)  
**Subject:** RE: Expedition Wheel

Scott,

Thank you for your response to my request for the new "Shot Peen" 17" steel wheels for our patrol Expeditions. I got back to H.Q. and made arrangements for shipment. We can accept the shipment here at Fresno County Sheriff's Department H.Q. The address is 2200 Fresno Street, Fresno, California 93721. They can call me at (559) 488-2505 or Tom January (shop garage) at 488-3547.

I know we are "Field Testing" these wheels, but are there associated money costs that I need to be made aware of? I need to prepare because of budget concerns.

Thanks,

**Sgt. Fred J. Johnson**  
**Sheriff's Fleet Manager**  
*(559) 488-3385*  
*(559) 488-3699 fax*  
*(559) 262-2287 pgr.*

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

**From:** Clark, Scott (S.R.) [<mailto:sclark10@ford.com>]  
**Sent:** Wednesday, April 26, 2006 2:31 PM  
**To:** Putz, Chris; Johnson, Fred J.  
**Subject:** Expedition Wheel

Gentlemen, I will be available by cell phone tomorrow. Feel free to call me at 313-595-0348

*Scott R. Clark*

Modified Vehicle Specialist  
Police-Limo-Taxi-Livery  
Commercial Vehicle Operations

Ford Customer Service Division  
Phone/Fax: 313-845-0448  
[sclark10@ford.com <mailto:sclark10@ford.com>](mailto:sclark10@ford.com)

---

**From:** Putz, Chris [<mailto:cputz@hayes-lemmerz.com>]  
**Sent:** Wednesday, April 26, 2006 5:00 PM  
**To:** [fred.johnson@fresnosheriff.org](mailto:fred.johnson@fresnosheriff.org)  
**Cc:** Clark, Scott (S.R.); Campbell, Keith (K.A.)  
**Subject:** Part Number for Expedition Wheel

Mr. Johnson,

As we discussed earlier today, the part number for the shot peened version of the 17x7.5 full-face steel wheel for Expedition is 7L14-1015-BB. This is the Ford Engineering part number. The Ford service number may have a Z instead of a 4. I talked with Scott after our discussion. He was going to get in touch with, if not already.

Thanks,  
Chris Putz

This electronic mail message and any attachments contain information that (a) is or LEGALLY PRIVILEGED, CONFIDENTIAL, PROPRIETARY IN NATURE, OR OTHERWISE PROTECTED BY DISCLOSURE, and (b) is intended only for the use of the Addressee(s) named herein. If you are not the intended recipient, an addressee, you are hereby notified that reading, copying, or distributing any part of this message or any information transmitted here is strictly prohibited. If you have received this electronic mail message in error, please contact us immediately and take the steps necessary to delete the message completely from your computer system.

Thank you.



---

**From:** Christensen, Kris (K.S.)  
**Sent:** Friday, April 18, 2008 10:37 AM  
**To:** Campbell, Keith (K.A.)  
**Subject:** FW: Report Summary for the CQIS Report#8DPAL180

Keith -

Please note.

Call so that we can discuss.

***Kris S. Christensen***

SUV/Commercial Vehicle Critical Concern Manager  
 MD 327 GCD26 PDC  
 Bus.: (313) 323-8497 Fax: (313) 317-9257  
 CDSID: kchrist1 E-mail: kchrist1@ford.com

---

**From:** Pietrzak, Kenneth (K.E.)  
**Sent:** Thursday, April 17, 2008 2:00 PM  
**To:** Christensen, Kris (K.S.); Gniewek, Kenneth (K.J.)  
**Cc:** Meier, Kenneth (K.W.)  
**Subject:** FW: Report Summary for the CQIS Report#8DPAL180

Kris, here is the reports we spoke about.

***Kenneth E. Pietrzak***  
***FCSD PVT/PCE Expedition/Navigator***  
***DSC-1 Cube 163***  
***Phone and Fax 1-313-248-7107***  
***e-mail: kpietrza@ford.com***

---

**From:** AKING140@ford.com [mailto:AKING140@ford.com]  
**Sent:** Thursday, April 17, 2008 1:45 PM  
**To:** Pietrzak, Kenneth (K.E.)  
**Subject:** Report Summary for the CQIS Report#8DPAL180

here you go let me know if i can help with anything and let me know if i need to contact the dealership

**Attachments :** 0

**Report# :** 8DPAL180 NHL

**CCRG/EPRC:**

**Reviewed Status:**

**Received:** 04/16/2008

**Date:**

**Vehicle:** 2006,EXPEDITION  
 4X2,XLT ,MPV ,1FMPU15546L **Build Date:** 01/24/2006  
**Odometer :** 34,134 M **Engine:** MOD 5.4 **Calibration:** 6B714D0A  
 3V  
**Transmission:** 4R75E-L **Axle:** 3800F3.73L **A/C:** YES  
**Dealer:** USA 13016 LINCOLN-MERCURY OF OLYMPIA **Phone#:** (360) 786-  
 1000  
**City:** Olympia **State:** Washington **Country :** USA  
**Originator:** LARRY BOSLER  
**Symptom:** 3 06 0 00 CHASS.,TIRES/WHEELS,OTHER-CODE NA,OTHER-CODE NA  
**Status:**  
**VFG:** V88 TIRES  
**Additional Symptom:** WHEELS CRACKED  
**Fix:** **Causal Component :**  
**Condition Code:**

**Hotliner:** AKING140 **Phone:** 000 322-2222 **Regn Cd:** W5 Seattle  
**Engineering:** **Phone:** **TAR:**  
**Dlr Contact:** LARRY BOSLER **Phone:** 360 786-1000 **Title Cde:** T

**DTCs:**  
 KOEO:  
 KOEC:  
 KOER:

**Comments :**

REPAIR 04/16/2008 04:49PM ANTHONY KING MSS - FCSD - TECH SVC HOTLINE  
 WEB FORM DATA - CONCERN: TIRES LOOSING AIR PRESURE.  
 DIAGNOSTICS: USED  
 SOAP AND WATER TO CHECK FOR LEAKS TECH QUESTION: THE  
 WASHINGTON STATE  
 PATROL IS WANTING US TO START INSPECTING THE WHEELS ON THEIR  
 EXPEDITIONS FOR CRACKS. THEY HAVE FOUND AROUND 60 WHEELS IN  
 THEIR  
 FLEET OF EXPEDITIONS WITH CRACKS. THE WASHINGTON STATE PATROL  
 SHOP HAS  
 CONTACTED FORD ABOUT THIS "STATE WIDE" PROBLEM. ARE THERE  
 MORE  
 KNOWN CONSERNS OF TIRE PRESSURE LOSS / STEEL WHEELS CRACKING?  
 ARE THEY

GOING TO START A RECALL LIKE THE ONE ON THE CROWN VIC?

**RECOMM 04/16/2008 04:49PM ANTHONY KING MSS - FCSD - TECH SVC HOTLINE**

LARRY, I AM GOING TO FORWARD THIS TO THE PLANT FOR REVIEW AND I WILL

BE IN CONTACT WITH YOU TOMORROW REGARDING THIS ISSUE

**ADD-ON 04/16/2008 04:49PM ANTHONY KING MSS - FCSD - TECH SVC HOTLINE**

KEN IF YOU CAN LET ME KNOW WHAT TO DO WITH THIS ISSUE SOUNDS LIKE A

HOT ISSUE LET ME KNOW

**REPAIR 04/17/2008 01:44PM ANTHONY KING MSS - FCSD - TECH SVC HOTLINE**

.

---

**From:** Blackmer, Michael (M.P.)  
**Sent:** Sunday, November 25, 2007 10:22 PM  
**To:** Christensen, Kris (K.S.); Campbell, Keith (K.A.)  
**Subject:** FW: Expedition Wheels.

**Attachments:** Picture (Metafile)

FYI...

**Michael Blackmer**

Special Vehicle Engineering Supervisor

Phone: (313) 845-8594; Cell: (313) 805-3083; mblackme@ford.com

---

**From:** Jarvis, Daniel (D.M.)  
**Sent:** Monday, November 19, 2007 12:27 PM  
**To:** Johnson, Dan (D.W.); Meier, Kenneth (K.W.); Logel, Jay (J.D.)  
**Cc:** Moore, Jennifer (J.); Kinley, Kristen (K.L.); Cupka, Dick (R.D.); Blackmer, Michael (M.P.); Hoyt, Tom (T.A.)  
**Subject:** RE: Expedition Wheels.

Evidently the Arizona DPS is talking with media because I received calls from two local TV stations in Phoenix.

Statement: We just received the reports and we're looking into it now. We will work with the DPS to will ensure the vehicles are safe. Expeditions are safe vehicles, earning five star crash safety, and are often used by law enforcement agencies as non-pursuit vehicles.

If you get any media calls, send them my way. 313-598-1179.

I'll work with Engineering, and understand this could take time to determine root cause.

*Daniel Jarvis*

Safety Policy / Public Affairs

Ford Motor Company

Office: 313-845-2709

Cell: 313-598-1179

djarvis1@ford.com



---

**From:** Johnson, Dan (D.W.)  
**Sent:** Friday, November 16, 2007 2:33 PM  
**To:** Meier, Kenneth (K.W.); Logel, Jay (J.D.); Jarvis, Daniel (D.M.)  
**Cc:** Johnson, Dan (D.W.)  
**Subject:** Expedition Wheels.

**Ken,**

The AZ Highway Patrol (DPS) has reported wheel cracks on 04-06 Expeditions. The wheel cracks are on the inside of the wheels and appear to be at the weld joint.

At this time, they have reported five failures, of the wheels, resulting in flat tires. I have VIN's/mileages for three of those attached. I have also attached pictures of the type of failure being seen.

The AZ DPS has decided to ground all of their Expeditions, in that year model range, until they decide on their next plan of action. I advised the AZ DPS to inspect their wheels and repalce with service stock. In the meantime, the local media has picked up on the story. I have not seen reports, I have just been advised of such by the AZ DPS.

<b>VIN</b>	<b>Miles</b>
1FMPU16LX4L	75K
1FMPU16575L	69K
1FMPU16566L	56K

**Due to the size of the picture files, I will forward them is several notes.**

**<< File: DPS EXPEDITION WHEELS 007.jpg >>**

**<< File: DPS EXPEDITION WHEELS 008.jpg >>**

**<< File: DPS EXPEDITION WHEELS 009.jpg >>**

**<< File: DPS EXPEDITION WHEELS 010.jpg >>**

**Dan Johnson**  
Fleet Zone Manager  
AZ, AK, So. CA, NM Areas

Phone: 602-790-8598  
Fax: 1-888-226-4070

---

**From:** McClenaghan, Dean (D.C.)  
**Sent:** Tuesday, September 26, 2006 8:10 AM  
**To:** Bagley, Matt (M.R.); Campbell, Keith (K.A.)  
**Subject:** FW: Cracked rim

## Fleet added d range tire

---

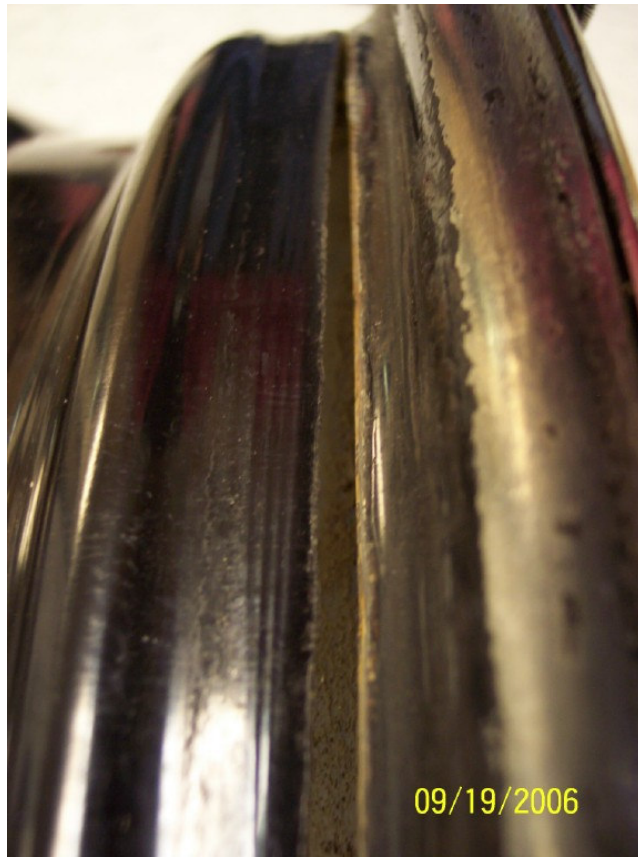
**From:** rnelson@ziemsford.com [mailto:rnelson@ziemsford.com]  
**Sent:** Tuesday, September 19, 2006 1:36 PM  
**To:** McClenaghan, Dean (D.C.)  
**Subject:** Cracked rim

Dean, here is the info.  
vin# 1FTRX14W55N [REDACTED]  
miles 39080  
BFG all terrain KO LT285/70R/17

The saftey manager wants to change all the rims in the fleet now.

---

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**From:** Campbell, Keith (K.A.)  
**Sent:** Monday, May 09, 2005 7:27 AM  
**To:** Bagley, Matt (M.R.)  
**Subject:** FW: Cracked Expedition Wheels

status ?

*Regards, Keith Campbell*

**NAE Tires - Wheels [SUV-BoF]**  
Phone & Fax (313) 24-89316 Cell & Pager (313) 805-3390  
PDC 2B-J30, Mail Drop 185

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

**From:** Campbell, Keith (K.A.)  
**Sent:** Tuesday, April 19, 2005 5:48 PM  
**To:** Bagley, Matt (M.R.)  
**Subject:** RE: Cracked Expedition Wheels

Yes, have Hayes get the wheel and analyze  
What is the wheel, chrome plated, painted, chrome clad ?

*Regards, Keith Campbell*

**NAE Tires - Wheels [SUV-BoF]**  
Phone & Fax (313) 24-89316 Cell & Pager (313) 805-3390  
PDC 2B-J30, Mail Drop 185

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

**From:** Bagley, Matt (M.R.)  
**Sent:** Tuesday, April 19, 2005 12:03 PM  
**To:** Campbell, Keith (K.A.)  
**Subject:** FW: Cracked Expedition Wheels

Keith, you have been dealing with these more than me... do you want the wheel? shall I get Marty and go over there to look at it? what do you think?

Matt

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

**From:** Stolfuss, Joshua (J.)  
**Sent:** Tuesday, April 19, 2005 10:56 AM  
**To:** Bagley, Matt (M.R.)

**Subject:** RE: Cracked Expedition Wheels

Matt, I have another 04 Expedition painted steel wheel that has cracked at my desk. It does not appear to have any signs of deformation. Would you be interested in this wheel?

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

**From:** Bagley, Matt (M.R.)  
**Sent:** Tuesday, July 13, 2004 11:00 AM  
**To:** Stollfuss, Joshua (J.)  
**Cc:** Campbell, Keith (K.A.)  
**Subject:** FW: Cracked Expedition Wheels - Ken Wilson Ford

Joshua, per our phone conversation here is the analysis of the Expedition steel wheels... I don't believe there is anything more we can do here. The one wheel showed a significant deformation and we don't know what the conditions were that caused it. The other three wheels didn't show any problems. Please keep us posted on anything else that shows up.

thanks,

Matt Bagley

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

**From:** Putz, Chris [mailto:cputz@hayes-lemmerz.com]  
**Sent:** Friday, July 02, 2004 2:44 PM  
**To:** Bagley, Matt (M.R.); Osborne, Marty  
**Cc:** Campbell, Keith (K.A.)  
**Subject:** RE: Cracked Expedition Wheels - Ken Wilson Ford

Matt and Keith,

We finished up with our quick analysis of the 4 U222 chrome plated wheels that I picked up from ECI. We dye penetrant checked the 3 wheels that were not reported as leakers. There were no cracks in any of these wheels. We did an Akron Standard check of the uniformity of the 4 wheels. All wheels were well within specification except for the cracked wheel. The outboard radial runout on the crack wheel was the only characteristic in specification. Everything else was way out. We also did a CMM scan of the outboard and inboard flanges and bead seats. The cracked wheel showed a high level of deformation on both sides of the rim. There was a sharp indentation on the inboard side. As with all of the other wheels we have received, the crack lined up with the location of the deformation.

We will wait for further testing based upon your direction.

Thanks,  
Chris

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

**From:** Bagley, Matt (M.R.) [mailto:mbagley1@ford.com]  
**Sent:** Wednesday, June 30, 2004 8:12 AM  
**To:** Putz, Chris; Osborne, Marty  
**Cc:** Campbell, Keith (K.A.)  
**Subject:** RE: Cracked Expedition Wheels - Ken Wilson Ford

Marty, Chris, Need you to pick up and analyze the 4 wheels... Die-Pen, CMM, etc. I would appreciate you responding with a short description of your workplan

to do the full analysis.

thanks,

Matt Bagley

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

**From:** Campbell, Keith (K.A.)  
**Sent:** Tuesday, June 29, 2004 6:31 PM  
**To:** Chris Putz (cputz@hayes-lemmerz.com); 'mosborne@hayes-lemmerz.com'; Bagley, Matt (M.R.)  
**Subject:** FW: Cracked Expedition Wheels - Ken Wilson Ford

Need Hayes to analyze the four wheels for cracks. One is obviously cracked. Also need measurement of uniformity, shape of bead seats and flanges, similar to previous wheel analysis.

Matt, please work with Hayes to develop a timing plan for the analysis.

*Regards, Keith Campbell*

**NAE Tires - Wheels [SUV-BoF]**  
Phone & Fax (313) 24-89316 Pager (313) 851-4587  
PDC 2B-J30, Mail Drop 185

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

**From:** Wenger, Daniel (D.)  
**Sent:** Tuesday, June 29, 2004 12:23 PM  
**To:** Campbell, Keith (K.A.)  
**Subject:** Cracked Expedition Wheels - Ken Wilson Ford

Keith, the wheels from Ken Wilson Ford are in my office. They are off a 2003 Expedition with 32,554 mi. One wheel has a cracked weld and the other wheels were replaced by the dealer because he stated that the other wheels were starting to exhibit the same condition. Also there is a Crn Vic wheel (CF)

that was returned for being cracked but I cannot see a crack.

Dan Wenger  
ECI- Enhanced Concern Identification  
dwenger (313-24-85418)

---

**From:** Campbell, Keith (K.A.)  
**Sent:** Thursday, July 22, 2004 4:20 PM  
**To:** Bagley, Matt (M.R.); Wenger, Daniel (D.)  
**Cc:** Jones, Rick (W.P.); George, Tim (T.)  
**Subject:** FW: 2004 Expedition Cracked Wheel

**Attachments:** 2004.Expedition.wheel - 50298.pdf

Dan, we can have Central Lab perform the analysis. It will take 4-6 weeks usually with their back log. I would like Hayes to review the wheel and also perform CMM to understand if there are any significant deformations on the part.

Matt,  
Coordinate with ECI, Hayes, and Central Lab to complete the analysis.  
Have Central Lab repeat the same analysis as we recently completed on the EN114 Steel Wheels.

*Regards, Keith Campbell*

**NAE Tires - Wheels [SUV-BoF]**  
Phone & Fax (313) 24-89316 Pager (313) 851-4587  
PDC 2B-J30, Mail Drop 185

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

**From:** Wenger, Daniel (D.)  
**Sent:** Wednesday, July 21, 2004 8:40 AM  
**To:** Campbell, Keith (K.A.)  
**Cc:** Jones, Rick (W.P.); George, Tim (T.)  
**Subject:** 2004 Expedition Cracked Wheel

Keith, attached is a copy of the report for the cracked wheel we talked about yesterday. I showed the wheel to Rick and since this is a first for this model and wheel we would like it sent to Central Lab for analysis.



2004.Expedition.wh  
eel - 50298....

Dan Wenger  
ECI- Enhanced Concern Identification  
dwenger (313-24-85418)

## Draft -- Preliminary Assessment

*This data is for use as one of several potential "awareness" indicators for the Ford Motor Co. Tire Early Warning System. It is unverified, draft, summary data generated from a computer "word search" of customer and technician symptom comments. Tire Manufacturer data is unverified. The actual root cause of the customer concern described is not established by this summary.*

## Claims Listing

VIN CD = '1FMPU14W34L [REDACTED]

### Count by *Incidents*

Model Year	Vin	Vehicle Line	Assembly Plant	Month of Production	Orig.Tire Manufacturer	Orig.Tire Brand	Orig.Tire Size	Claim Key	Source System Key	Data Src
<b>2004</b>	<a href="#">1FMPU14W34L</a> [REDACTED]	EXPEDITION	MICHIGAN PLANT BUILD	OCT-2003	CONTINENTAL	CONTITRAC SUV 113S	P265/70R 17 A/S BSW	8005519	<a href="#">1134087</a>	AWS
* Symptom Code: <a href="#">TE1</a> Orig.Plant Cd: Actual Mfgr: <a href="#">CONTINENTAL</a> Actual Brand: <a href="#">CONTITRAC SUV 113S</a> Actual Size: <a href="#">P265/70R 17 A/S BSW</a>										
CCC: B65 Full Part: 2L1Z-1015-AA Rep Date: 16-JUN-2004 Load Date: 25-JUN-2004 Mileage: 31011 TIS: 8 Mat Cost: 114.84 Tot Cost: 134.67 P/A Code/Sub: 03553/* Wheel desc: 7.5 X 17 STEEL WHEEL										
<b>DOT Row</b>	LF = ADT645PB3803 RF = ADT645PB3903 LR = ADT645PB3803 RR = ADT645PB3903 LI = * RI = * Spare = ADT645PB3903									
<b>Cust Symp Cd: TE1</b>	<b>Comments:</b> CHECK RT. REAR WHEEL HAS A LEAK, REPORT									
<b>Tech Symp Cd: TE1</b>	<b>Comments:</b> WHEEL SEPARATED TIRE(S) OR WHEEL(S) REPLACE									
<a href="#">Concern Analyst Comments:</a>										
<a href="#">Severity Cd:</a>	[ ] - ACCIDENT (Alleged) [ ] - INJURY (Alleged) [ ] - ROLLOVER (Alleged) [ ] - FATALITY (Alleged) [ ] - NON-COLLISION DAMAGE (Alleged)									
<b>*** This is unverified, draft, summary data. Please read the full disclaimer at the beginning of this report</b>										

Total number of Claims fetched: **1**

---

**From:** Putz, Chris [cputz@hayes-lemmerz.com]  
**Sent:** Thursday, August 24, 2006 3:11 PM  
**To:** Bagley, Matt (M.R.)  
**Cc:** Heck, Tom  
**Subject:** Fresno Wheels with Build Date  
**Attachments:** U222 field analysis matrix Fresno County Ford.xls

Matt,

The attached file contains the updates for the wheel build dates on the Fresno County returns. Please let me know if you have any questions. Just call me on my cell phone.

Thanks,  
Chris

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Thank you.



Wheel #	VIN #	WARRANTY INFORMATION									INSPECTION INFORMATION			UNIFORMITY						
		Vehicle Application	AWS Claim Part Number	Actual Wheel Part Number	Model Year	Vehicle Build Date	Warranty Start Date	Vehicle Repair Date	MIS	Vehicle Mileage	Leak Test	Wheel Build Date	Length of Crack (degrees)	Average Radial Runout	Outboard Radial Runout	Inboard Radial Runout	ARIH	Average Lateral Runout	Outboard Lateral Runout	Inboard Lateral Runout
FC #1	3118				FALSE				0.00	48,390	N	03/29/05	---	0.242	0.543	0.190	0.204	0.169	0.198	0.313
FC #2	3118				FALSE				0.00	48,390	N	04/21/03	---	0.352	0.507	0.884	0.211	0.300	0.338	0.654
FC #3	3118				FALSE				0.00	48,390	N	04/21/03	---	0.396	0.555	0.894	0.192	0.476	0.409	0.637
FC #4	3118				FALSE				0.00	48,390	N	12/13/03	---	0.202	0.552	0.545	0.112	0.527	0.601	0.642
FC #5	3119				FALSE				0.00	53,900	N	04/21/03	---	0.255	0.385	0.708	0.167	0.344	0.252	0.706
FC #6	3119				FALSE				0.00	53,900	N	04/21/03	---	0.470	0.362	0.857	0.273	0.460	0.279	0.926
FC #7	3119				FALSE				0.00	53,900	N	04/21/03	---	0.237	0.350	0.403	0.099	0.363	0.613	0.244
FC #8	3119				FALSE				0.00	53,900	N	04/21/03	---	0.214	0.535	0.273	0.012	0.197	0.696	0.715
FC #9	3120				FALSE				0.00	71,192	N	04/12/03	---	0.174	0.414	0.292	0.055	0.330	0.279	0.524
FC #10	3120				FALSE				0.00	71,192	N	04/21/03	---	0.149	0.309	0.161	0.034	0.397	0.437	0.440
FC #11	3120				FALSE				0.00	71,192	N	03/14/04	---	0.321	0.523	0.339	0.085	0.203	0.413	0.293
FC #12	3120				FALSE				0.00	71,192	N	07/15/04	---	0.231	0.318	0.501	0.130	0.508	0.522	0.800
FC #13	3121				FALSE				0.00	59,946	N	04/12/03	---	0.299	0.613	0.817	0.093	0.467	0.349	0.900
FC #14	3121				FALSE				0.00	59,946	N	03/28/04	---	0.238	0.553	0.238	0.100	0.361	0.244	0.680
FC #15	3121				FALSE				0.00	59,946	N	06/25/02	---	0.215	0.507	0.613	0.080	0.377	0.315	0.513
FC #16	3121				FALSE				0.00	59,946	N	08/18/04	---	0.194	0.318	0.329	0.089	0.491	0.577	0.472
FC #17	3122				FALSE				0.00	54,039	N	04/21/03	---	0.196	0.456	0.640	0.082	0.699	0.610	0.872
FC #18	3122				FALSE				0.00	54,039	N	04/21/03	---	0.169	0.446	0.354	0.058	0.151	0.197	0.373
FC #19	3122				FALSE				0.00	54,039	N	04/21/03	---	0.223	0.567	0.290	0.059	0.286	0.388	0.656
FC #20	3122				FALSE				0.00	54,039	N	04/21/03	---	0.242	0.348	0.437	0.163	0.275	0.529	0.182
FC #21	3123				FALSE				0.00	50,721	N	02/18/04	---	0.246	0.476	0.351	0.083	0.304	0.321	0.577
FC #22	3123				FALSE				0.00	50,721	N	04/21/03	---	0.322	0.742	0.440	0.096	0.653	0.385	1.015
FC #23	3123				FALSE				0.00	50,721	N	04/21/03	---	0.295	0.507	0.686	0.193	0.454	0.318	0.873
FC #24	3123				FALSE				0.00	50,721	N	02/28/04	---	0.199	0.279	0.509	0.140	0.443	0.327	0.720
FC #25	3124				FALSE				0.00	55,212	N	04/21/03	---	0.346	0.427	0.626	0.247	0.472	0.289	0.880
FC #26	3124				FALSE				0.00	55,212	N	08/18/04	---	0.379	0.490	0.472	0.112	0.593	0.721	0.765
FC #27	3124				FALSE				0.00	55,212	N	04/21/03	---	0.276	0.417	0.723	0.044	0.243	0.372	0.554
FC #28	3125				FALSE				0.00	67,905	N	04/21/03	---	0.202	0.547	0.430	0.103	0.412	0.292	1.069
FC #29	3125				FALSE				0.00	67,905	N	04/21/03	---	0.284	0.402	0.683	0.152	0.335	0.214	0.676
FC #30	3125				FALSE				0.00	67,905	N	04/21/03	---	0.122	0.381	0.365	0.026	0.225	0.532	0.512
FC #31	3125				FALSE				0.00	67,905	C-NV	04/21/03	15	0.341	0.407	0.777	0.138	0.780	0.374	1.224





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FC #32	3126				FALSE				0.00	83,287	N	03/29/05	---	0.211	0.371	0.307	0.030	0.288	0.285	0.359
FC #33	3126				FALSE				0.00	83,237	C-NV	04/21/03	15	0.412	0.534	0.925	0.292	0.623	0.383	1.088
FC #34	3126				FALSE				0.00	83,287	N	04/21/03	---	0.345	0.475	0.621	0.213	0.373	0.389	0.467
FC #35	3126				FALSE				0.00	83,287	N	07/15/04	---	0.260	0.425	0.446	0.089	0.319	0.333	0.419
FC #36	3127				FALSE				0.00	88,945	C-NV	04/21/03	10	0.220	0.372	0.406	0.182	0.300	0.466	0.366
FC #37	3127				FALSE				0.00	88,945	N	04/21/03	---	0.217	0.353	0.405	0.098	0.253	0.345	0.322
FC #38	3127				FALSE				0.00	88,945	N	12/21/02	---	0.280	0.508	0.510	0.041	0.640	0.716	0.576
FC #39	3127				FALSE				0.00	88,945	C-NV	04/21/03	20	0.263	0.505	0.573	0.124	0.255	0.728	0.564
FC #40	3128				FALSE				0.00	71,290	N	04/21/03	---	0.306	0.865	0.615	0.192	0.441	0.459	0.875
FC #41	3128				FALSE				0.00	71,290	N	04/21/03	---	0.366	0.713	0.499	0.076	0.479	0.882	0.379
FC #42	3128				FALSE				0.00	71,290	N	04/21/03	---	0.276	0.410	0.715	0.167	0.460	0.638	0.898
FC #43	3129				FALSE				0.00	53,061	N	04/21/03	---	0.371	0.559	0.594	0.132	0.656	0.922	0.434
FC #44	3129				FALSE				0.00	53,061	C-NV	04/21/03	15	0.281	0.694	0.641	0.045	0.269	0.643	0.488
FC #45	3129				FALSE				0.00	53,061	N	04/21/03	---	0.305	0.682	0.329	0.219	0.520	0.699	0.706
FC #46	3129				FALSE				0.00	53,061	C-V	02/18/04	35	0.279	0.514	0.567	0.130	0.361	0.244	0.742
FC #47	3130				FALSE				0.00	80,858	N	02/18/04	---	0.383	0.407	0.586	0.256	0.368	0.307	0.535
FC #48	3130				FALSE				0.00	80,858	N	02/18/04	---	0.317	0.726	0.408	0.140	0.161	0.274	0.411
FC #49	3130				FALSE				0.00	80,858	N	03/28/04	---	0.402	0.670	0.654	0.192	0.440	0.718	1.016
FC #50	3130				FALSE				0.00	80,858	N	04/16/04	---	0.167	0.268	0.358	0.080	0.250	0.405	0.327
FC #51	3128				FALSE				0.00	71,290	N	04/21/03	---	0.422	0.695	0.584	0.286	0.188	0.335	0.288
FC #52	3131				FALSE				0.00	89,936	N	04/21/03	---	0.139	0.400	0.289	0.018	0.528	0.478	0.775
FC #53	3131				FALSE				0.00	89,936	C-NV	04/21/03	20	0.192	0.448	0.430	0.041	0.311	0.452	0.375
FC #54	3131				FALSE				0.00	89,936	N	04/21/03	---	0.332	0.730	0.264	0.217	0.545	0.332	1.039
FC #55	3132				FALSE				0.00	54,264	N	04/28/05	---	0.129	0.356	0.319	0.014	0.288	0.206	0.474
FC #56	3132				FALSE				0.00	54,264	N	04/28/05	---	0.128	0.243	0.236	0.053	0.149	0.277	0.232
FC #57	3132				FALSE				0.00	54,264	N	04/21/03	---	0.242	0.299	0.377	0.057	0.167	0.338	0.494
FC #58	3132				FALSE				0.00	54,264	N	04/21/03	---	0.311	0.391	0.565	0.224	0.656	0.462	0.860
FC #59	3133				FALSE				0.00	48,602	N	12/21/02	---	0.377	0.561	0.408	0.100	0.416	0.471	0.433
FC #60	3133				FALSE				0.00	48,602	N	03/19/03	---	0.245	0.411	0.401	0.136	0.325	0.414	0.622
FC #61	3133				FALSE				0.00	48,602	N	12/21/02	---	0.268	0.363	0.404	0.105	0.409	0.310	0.728
FC #62	3133				FALSE				0.00	48,602	N	12/14/02	---	0.375	0.463	0.557	0.161	0.444	0.553	0.344



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FC #63	3135				FALSE				0.00	90,895	N	12/14/02	---	0.278	0.576	0.422	0.067	0.368	0.529	0.339
FC #64	3135				FALSE				0.00	90,895	N	04/03/03	---	0.229	0.447	0.460	0.038	0.363	0.378	0.659
FC #65	3135				FALSE				0.00	90,895	C-NV	04/12/03	10	0.382	0.589	0.608	0.271	0.385	0.256	0.558
FC #66	3135				FALSE				0.00	90,895	C-NV	12/14/02	30	0.324	0.513	0.454	0.131	0.350	0.366	0.744
FC #67	3136				FALSE				0.00	77,675	N	04/21/03	---	0.375	0.586	0.455	0.208	0.328	0.824	0.886
FC #68	3136				FALSE				0.00	77,675	C-NV	04/21/03	35	0.314	0.397	0.592	0.157	0.531	0.385	1.041
FC #69	3136				FALSE				0.00	77,675	N	04/21/03	---	0.316	0.374	0.740	0.175	0.406	0.252	0.706
FC #70	3136				FALSE				0.00	77,675	N	04/21/03	---	0.196	0.503	0.639	0.110	0.444	0.505	0.738
FC #71	3138				FALSE				0.00	78,930	N	04/21/03	---	0.329	0.415	0.798	0.259	0.600	0.388	1.026
FC #72	3138				FALSE				0.00	78,930	N	12/13/05	---	0.235	0.432	0.537	0.097	0.519	0.350	0.936
FC #73	3138				FALSE				0.00	78,930	N	03/20/05	---	0.168	0.346	0.245	0.104	0.274	0.386	0.404
FC #74	3138				FALSE				0.00	78,930	N	04/21/03	---	0.224	0.493	0.382	0.084	0.919	1.075	0.795
FC #75	3139				FALSE				0.00	76,551	N	04/21/03	---	0.217	0.524	0.592	0.046	0.356	0.289	0.651
FC #76	3139				FALSE				0.00	76,551	N	02/18/02	---	0.269	0.440	0.561	0.201	0.539	0.416	0.720
FC #77	3139				FALSE				0.00	76,551	N	03/07/04	---	0.176	0.331	0.554	0.118	0.230	0.388	0.570
FC #78	3139				FALSE				0.00	76,551	C-NV C-NV	03/17/04	10 30	0.161	0.417	0.339	0.047	0.230	0.351	0.440
FC #79	3140				FALSE				0.00	85,331	N	03/06/03	---	0.245	0.601	0.787	0.151	0.539	0.347	0.842
FC #80	3140				FALSE				0.00	85,331	N	08/18/04	---	0.336	0.631	0.388	0.039	0.272	0.762	0.727
FC #81	3140				FALSE				0.00	85,331	N	12/15/05	---	0.268	0.384	0.602	0.142	0.466	0.187	0.853
FC #82	3140				FALSE				0.00	85,331	C-V	04/21/03	150	---	---	---	---	---	---	---
FC #83	3142				FALSE				0.00	78,280	N	11/13/03	---	0.270	0.575	0.395	0.114	0.356	0.440	0.434
FC #84	3142				FALSE				0.00	78,280	N	04/21/03	---	0.206	0.610	0.438	0.080	0.545	0.430	0.726
FC #85	3142				FALSE				0.00	78,280	N	04/21/03	---	0.310	0.647	0.471	0.140	0.755	0.613	1.025
FC #86	3142				FALSE				0.00	78,280	N	04/21/03	---	0.293	0.297	0.720	0.157	0.481	0.415	0.862
FC #87	3143				FALSE				0.00	52,500	N	04/21/03	---	0.324	0.590	0.216	0.133	0.591	0.716	0.528
FC #88	3143				FALSE				0.00	52,500	N	04/21/03	---	0.382	0.674	0.527	0.165	0.492	0.632	1.051
FC #89	3143				FALSE				0.00	52,500	N	04/21/03	---	0.215	0.536	0.466	0.057	0.417	0.526	0.807
FC #90	3143				FALSE				0.00	52,500	N	04/21/03	---	0.299	0.610	0.670	0.153	0.323	0.497	0.679
FC #91	3144				FALSE				0.00	79,862	C-NV	04/21/03	15	0.273	0.522	0.697	0.136	0.482	0.358	0.708
FC #92	3144				FALSE				0.00	79,862	N	02/11/05	---	0.304	0.371	0.341	0.177	0.198	0.365	0.258
FC #93	3144				FALSE				0.00	79,862	C-NV	04/21/03	35	0.298	0.452	0.542	0.195	0.400	0.334	0.628



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FC #94	3144				FALSE				0.00	79,862	N	04/21/03	---	0.301	0.456	0.618	0.180	0.443	0.434	0.903
FC #95	3145				FALSE				0.00	42,876	N	04/21/03	---	0.260	0.355	0.637	0.074	0.445	0.241	0.679
FC #96	3145				FALSE				0.00	42,876	N	04/21/03	---	0.296	0.812	0.675	0.193	0.484	0.228	0.960
FC #97	3145				FALSE				0.00	42,876	N	04/21/03	---	0.308	0.819	0.638	0.227	0.642	0.261	1.134
FC #98	3145				FALSE				0.00	42,876	N	04/21/03	---	0.266	0.660	0.300	0.119	0.535	0.728	0.556
FC #99	3146				FALSE				0.00	81,106	N	02/18/04	---	0.318	0.404	0.424	0.168	0.388	0.553	0.327
FC #100	3146				FALSE				0.00	81,106	N	04/12/03	---	0.266	0.465	0.327	0.135	0.335	0.415	0.430
FC #101	3146				FALSE				0.00	81,106	N	04/21/03	---	0.415	0.668	0.511	0.315	0.232	0.343	0.332
FC #102	3146				FALSE				0.00	81,106	N	04/21/03	---	0.321	0.428	0.467	0.198	0.155	0.538	0.351
FC #103	3147				FALSE				0.00	63,324	N	06/25/02	---	0.237	0.498	0.402	0.160	0.620	0.672	0.679
FC #104	3147				FALSE				0.00	63,324	N	04/21/03	---	0.282	0.821	0.564	0.071	0.570	0.479	0.838
FC #105	3147				FALSE				0.00	63,324	N	09/02/04	---	0.218	0.457	0.673	0.138	0.687	0.490	0.912
FC #106	3147				FALSE				0.00	63,324	N	12/14/02	---	0.363	0.480	0.432	0.250	0.353	0.279	0.634
FC #107	3148				FALSE				0.00	66,931	C-V C-V	04/21/03	60 30	0.360	0.620	0.217	0.188	0.382	0.477	0.558
FC #108	3148				FALSE				0.00	66,931	N	12/13/03	---	0.182	0.490	0.323	0.080	0.339	0.321	0.547
FC #109	3148				FALSE				0.00	66,931	N	04/21/03	---	0.196	0.437	0.620	0.132	0.530	0.322	0.857
FC #110	3149				FALSE				0.00	46,488	N	04/21/03	---	0.239	0.577	0.605	0.153	0.258	0.443	0.496
FC #111	3149				FALSE				0.00	46,488	N	03/20/05	---	0.196	0.170	0.470	0.136	0.258	0.210	0.378
FC #112	3149				FALSE				0.00	46,488	N	08/13/04	---	0.290	0.467	0.438	0.151	0.656	0.500	0.874
FC #113	3150				FALSE				0.00	90,516	N	09/15/04	---	0.764	0.365	1.478	0.060	0.715	1.139	1.314
FC #114	3150				FALSE				0.00	90,516	N	04/21/03	---	0.224	0.355	0.690	0.111	0.600	0.679	0.751
FC #115	3150				FALSE				0.00	90,516	N	07/13/04	---	0.166	0.264	0.472	0.078	0.502	0.483	0.783
FC #116	3150				FALSE				0.00	90,516	N	07/15/04	---	0.150	0.349	0.428	0.062	0.489	0.246	0.747
FC #117	3151				FALSE				0.00	74,552	C-V	04/21/03	55	0.336	0.847	0.590	0.097	0.620	0.554	1.131
FC #118	3151				FALSE				0.00	74,552	N	04/21/03	---	0.378	0.505	0.660	0.173	0.545	0.567	0.658
FC #119	3151				FALSE				0.00	74,552	N	04/21/03	---	0.299	0.577	0.383	0.039	0.386	0.738	0.602
FC #120	3151				FALSE				0.00	74,552	N	04/21/03	---	0.373	0.447	0.709	0.215	0.432	0.612	0.669
FC #121	3152				FALSE				0.00	60,290	N	04/12/03	---	0.273	0.365	0.363	0.135	0.428	0.599	0.348
FC #122	3152				FALSE				0.00	60,290	N	04/12/03	---	0.234	0.615	0.581	0.065	0.275	0.214	0.621
FC #123	3152				FALSE				0.00	60,290	N	04/12/03	---	0.251	0.617	0.464	0.160	0.254	0.225	0.413
FC #124	3152				FALSE				0.00	60,290	N	03/29/05	---	0.229	0.602	0.379	0.185	0.220	0.338	0.458



Wheel #	VIN #	WARRANTY INFORMATION									INSPECTION INFORMATION			UNIFORMITY						
		Vehicle Application	AWS Claim Part Number	Actual Wheel Part Number	Model Year	Vehicle Build Date	Warranty Start Date	Vehicle Repair Date	MIS	Vehicle Mileage	Leak Test	Wheel Build Date	Length of Crack (degrees)	Average Radial Runout	Outboard Radial Runout	Inboard Radial Runout	AR1H	Average Lateral Runout	Outboard Lateral Runout	Inboard Lateral Runout
FC #125	3153				FALSE				0.00	36,565	N	04/21/03	---	0.342	0.685	0.386	0.231	0.328	0.342	0.535
FC #126	3153				FALSE				0.00	36,565	N	04/21/03	---	0.337	0.472	0.356	0.211	0.332	0.331	0.493
FC #127	3153				FALSE				0.00	36,565	N	04/21/03	---	0.231	0.531	0.486	0.120	0.262	0.572	0.651
FC #128	3153				FALSE				0.00	36,565	N	04/21/03	---	0.308	0.712	0.707	0.215	0.376	0.396	0.589
FC #129	4101				FALSE				0.00	34,329	N	05/17/03	---	0.335	0.439	0.419	0.267	0.225	0.436	0.378
FC #130	4101				FALSE				0.00	34,329	N	05/17/03	---	0.362	0.369	0.537	0.250	0.147	0.301	0.238
FC #131	4101				FALSE				0.00	34,329	N	05/17/03	---	0.322	0.284	0.647	0.244	0.432	0.253	0.820
FC #132	4101				FALSE				0.00	34,329	N	05/17/03	---	0.236	0.440	0.492	0.111	0.330	0.214	0.550
FC #133									0.00		C-NV	04/21/03	20	0.163	0.400	0.469	0.088	0.344	0.475	0.382
FC #134									0.00		N	04/21/03	---	0.189	0.436	0.483	0.111	0.284	0.379	0.455
FC #135									0.00		N	04/21/03	---	0.400	0.930	0.746	0.126	0.440	0.286	0.967
FC #136									0.00		N	12/13/03	---	0.447	0.739	0.568	0.242	0.241	0.339	0.367
									0.00											

---

**From:** Clark, Scott (S.R.)  
**Sent:** Thursday, June 15, 2006 2:15 PM  
**To:** 'Johnson, Fred J.'  
**Cc:** 'dangreer@pmicp.com'; Alvarez, Lauri (L.L.)  
**Subject:** Expedition Wheels

Fred, I spoke with Dan Greer (Parts Manager-Future Ford/Clovis) today and upon your contacting him to work out the details, he will be ordering 35 of the current spare wheel, which is a black drop center steel wheel design, part number 5L34-1015-DA. Although the spare wheels are full size, they will not have the same appearance as the wheels you currently have. Thanks.

*Scott R. Clark*

Modified Vehicle Specialist  
Police-Limo-Taxi-Livery  
Commercial Vehicle Operations  
Ford Customer Service Division  
Phone/Fax: 313-845-0448  
[sclark10@ford.com](mailto:sclark10@ford.com) <<mailto:sclark10@ford.com>>

Expedition Steel Wheels					
Reports / veh. Population					
Model Year	SSV	Non-SSV	FX4/NBX (Chrome)	Non-SSV XLT/XLS (Painted)	Total
2003	23 / 2,904	70 / 12,435	68 / 5,310	1 / 7,125	93 / 15,339
2004	2 / 2,490	3 / 9,806	1 / 2,316	2 / 7,490	5 / 12,296
2005	0 / 2,640	0 / 5,906	0 / 683	0 / 5,223	0 / 8,546
2006*	0 / 1,926	0 / 3,319		0 / 1,393	0 / 3,319

\* Through March 2006

How many CA  
vehicles in the US  
population?  
Maybe need to find if  
there is anything useful  
→ then maybe find some CA's

Expedition Steel Wheels					
Reports per 1000					
Model Year	SSV	Non-SSV	FX4/NBX (Chrome)	Non-SSV XLT/XLS (Painted)	Total
2003	7.92	5.63	12.81	0.14	6.06
2004	0.8	0.31	0.43	0.27	0.41
2005	0	0	0	0	0
2006*	0	0	0	0	0

PDF FILE  
EXPED-ST WHEELS

NOTES:

Reports are warranty, CQIS or MORS reports that allege a cracked wheel or air loss through the wheel

Population: Only vehicles originally equipped with steel wheels are included.

SSV vehicles all have painted wheels

FX4 (2003 MY) and NBX (2004 MY) all have chrome wheels

13 of the 2003 MY reports are multiple occurrence on the same vehicle

U222 17" Steel Wheel Change Log

Part Number	Concern	Reason
4L14-1015-BA	C11554771	Initial Release on Full Face Wheel on U22x
7L14-1015-BA	C11721386	Wheel part number updated to 7L14-1015-BA due to the addition of the strap on TPMS to the wheels.
7L14-1015-BB	C11873650	Add shot peening to steel wheel weld to improve robustness
	C11873648	Pull ahead 7L14-1015-BB shot peened wheel to a 2006 RC & replace 4L14-1015-BA

**Draft -- Preliminary Assessment**

*This data is for use as one of several potential "awareness" indicators for the Ford Motor Co. Tire Early Warning System. It is unverified, draft, summary data generated from a computer "word search" of customer and technician symptom comments. Tire Manufacturer data is unverified. The actual root cause of the customer concern described is not established by this summary.*

**Claims Listing**

VIN CD = '1FMPU14W34L [REDACTED]

**Count by Incidents**

Model Year	Vin	Vehicle Line	Assembly Plant	Month of Production	Orig.Tire Manufacturer	Orig.Tire Brand	Orig.Tire Size	Claim Key	Source System Key	Data Src
2004	1FMPU14W34L [REDACTED]	EXPEDITION	MICHIGAN PLANT BUILD	OCT-2003	CONTINENTAL	CONTITRAC SUV 113S	P265/70R 17 A/S BSW	8005519	1134087	AWS
* Symptom Code: TE1 Orig.Plant Cd: Actual Mfgr: CONTINENTAL Actual Brand: CONTITRAC SUV 113S Actual Size: P265/70R 17 A/S BSW										
CCC: B65 Full Part: 2L1Z-1015-AA Rep Date: 16-JUN-2004 Load Date: 25-JUN-2004 Mileage: 31011 TIS: 8 Mat Cost: 114.84 Tot Cost: 134.67 P/A Code/Sub: 03553/* Wheel desc: 7.5 X 17 STEEL WHEEL										
DOT Row LF = ADT645PB3803 RF = ADT645PB3903 LR = ADT645PB3803 RR = ADT645PB3903 LI = * RI = * Spare = ADT645PB3903										
Cust Symp Cd: TE1 Comments: CHECK RT. REAR WHEEL HAS A LEAK, REPORT										
Tech Symp Cd: TE1 Comments: WHEEL SEPARATED TIRE(S) OR WHEEL(S) REPLACE										
<i>Concern Analyst Comments:</i>										
Severity Cd: [ ] - ACCIDENT (Alleged) [ ] - INJURY (Alleged) [ ] - ROLLOVER (Alleged) [ ] - FATALITY (Alleged) [ ] - NON-COLLISION DAMAGE (Alleged)										
*** This is unverified, draft, summary data. Please read the full disclaimer at the beginning of this report										

Total number of Claims fetched: 1



# 17” Full Face Steel Wheel (U222)

## Actions taken to date:

- Implemented wheel with shot peened weld (7L14-1015-BB), Production start date 6/5/06
- 200 wheels were ordered to replace service inventory
- Fleet evaluation - 140 wheels were sent to Fresno Sheriff's Department
- Fresno to return 140 wheels taken off vehicles for evaluation
- Hayes agrees to new part number for clad wheel for service only (shot peened version)

## Why only 03MY?

- Rim steel source changed in Jan 03 – SREA submitted by Hayes and approved by Ford engineering to use ISG steel for rim material
- There is evidence that this improved radial fatigue performance on a different 18” steel wheel that they supplied

# 17" Full Face Steel Wheels – U222/ P221

Part number	Description	Usage	Affected in	Affected out	Service	Average Monthly rate	Actions
E-coat spare wheel							
2L14-1015-BA	e-coat 17x7.5 full face steel wheel	Spare wheel only	Job #1 03MY	Job #2 03MY	n/a	n/a	Replaced by drop center spare
Chrome plated							
2L1J-1015-AB	Chrome plated 17x7.5 full face steel wheel	FX4 (U222)	Job #1 03MY	Job #1 04MY	196	10	Replaced by 4L14-1015-AB
Chrome Clad							
4L14-1015-AB	Chrome clad 17x7.5 full face steel wheel	FX4 U222/ P221	Job#1 04MY	05MY RC		410	Replaced by 5L34-1015-EA
5L34-1015-EA	Chrome clad 17x7.5 full face steel wheel – modified "rat bite"	P221	05MY RC			20	Replaced by 7L34-1015-BB
7L34-1015-BB	Chrome clad 17x7.5 full face steel wheel – updated with TPMS marking	P221	Job #1 07MY				
Painted							
2L14-1015-AB	Painted 17x7.5	SSV/ XLT Value	Job #1 03MY	Job #1 04MY	n/a	n/a	Replaced by 4L14-1015-BA
4L14-1015-BA	Painted 17x7.5 full face steel wheel – updated pilot hole dia.	SSV/ XLS	Job#1 04MY	Job#1 07MY			Replaced by 7L14-1015-BA.
7L14-1015-BA	Painted 17x7.5 full face steel wheel – updated with TPMS marking	SSV (U222)	Job #1 07MY	Job #1 07MY	n/a	n/a	Replaced by 7L14-1015-BB
7L14-1015-BB	Painted 17x7.5 full face steel wheel – updated shot peened	SSV (U222)	May 06 RC		n/a	n/a	Introduction pulled ahead to June 06.

**2007 U222 Expedition**  
**17x7.5 Full-Face Steel Wheel - 7L14-1015-BB**  
**Shot Peen**

ID	Task Name	Duration	Start	Finish	% Complete	March 2006												April 2006					
						3	6	9	12	15	18	21	24	27	30	2	5	8	11	14	17	20	23
1	Program Authorization	5 days	3/7/06	3/13/06	0%	[Gantt bar from 3/7 to 3/13]																	
2	Receive Ford Purchasing Authorization for tooling	2 days	3/7/06	3/8/06	0%	[Gantt bar from 3/7 to 3/8]																	
3	Issue New Transaction Report	1 day	3/9/06	3/9/06	0%	[Gantt bar at 3/9]																	
4	Issue CER for approval in Sedalia	2 days	3/10/06	3/13/06	0%	[Gantt bar from 3/10 to 3/13]																	
5	<b>Print Modifications</b>	<b>14 days</b>	<b>3/7/06</b>	<b>3/24/06</b>	<b>0%</b>	[Gantt bar from 3/7 to 3/24]																	
6	Issue ECR to revise disc / assembly / TPMS prints	2 days	3/7/06	3/8/06	0%	[Gantt bar from 3/7 to 3/8]																	
7	Issue Ford Concern / Notice for print modifications	3 days	3/7/06	3/9/06	0%	[Gantt bar from 3/7 to 3/9]																	
8	Submit prints into Metaphase	1 day	3/10/06	3/10/06	0%	[Gantt bar at 3/10]																	
9	Release prints into Ford and Hayes systems	2 wks	3/13/06	3/24/06	0%	[Gantt bar from 3/13 to 3/24]																	
10	<b>Tooling Build</b>	<b>27 days</b>	<b>3/14/06</b>	<b>4/13/06</b>	<b>0%</b>	[Gantt bar from 3/14 to 4/13]																	
11	Issue Purchase Order to MIC	2 days	3/14/06	3/15/06	0%	[Gantt bar from 3/14 to 3/15]																	
12	Build new fixtures / mask tooling (initial set)	2 wks	3/16/06	3/29/06	0%	[Gantt bar from 3/16 to 3/29]																	
13	Build new fixtures / mask tooling (second set)	3 wks	3/30/06	4/13/06	0%	[Gantt bar from 3/30 to 4/13]																	
14	<b>Phase 0 / Phase 1 PPAP</b>	<b>24 days</b>	<b>3/14/06</b>	<b>4/10/06</b>	<b>0%</b>	[Gantt bar from 3/14 to 4/10]																	
15	Issue Purchase Order for new P/N stamp	1 day	3/14/06	3/14/06	0%	[Gantt bar at 3/14]																	
16	Build and ship new P/N stamp to Sedalia	1 wk	3/15/06	3/21/06	0%	[Gantt bar from 3/15 to 3/21]																	
17	Build PPAP disc components (with new Ford P/N)	3 days	3/22/06	3/24/06	0%	[Gantt bar from 3/22 to 3/24]																	
18	Build PPAP rim components (with TPMS stamp)	3 days	3/22/06	3/24/06	0%	[Gantt bar from 3/22 to 3/24]																	
19	Build PPAP wheel assemblies	4 days	3/27/06	3/30/06	0%	[Gantt bar from 3/27 to 3/30]																	
20	Ship wheels to MIC for shot peening	1 day	3/31/06	3/31/06	0%	[Gantt bar at 3/31]																	
21	Develop saturation curves and shot peen wheels	1 wk	4/1/06	4/5/06	0%	[Gantt bar from 4/1 to 4/5]																	
22	Ship wheels to Sedalia	1 day	4/6/06	4/6/06	0%	[Gantt bar at 4/6]																	
23	E-Coat paint and assemble TPMS	1 day	4/7/06	4/7/06	0%	[Gantt bar at 4/7]																	
24	Submit Phase 0 and Phase 1 PPAP documentation	1 day	4/8/06	4/8/06	0%	[Gantt bar at 4/8]																	
25	Ship wheels to Northville	2 days	4/9/06	4/10/06	0%	[Gantt bar from 4/9 to 4/10]																	
26	Ship wheels for <IPP> IPD at Ford MTP	2 days	4/9/06	4/10/06	0%	[Gantt bar from 4/9 to 4/10]																	
27	<b>Phase 2 / Phase 3 PPAP</b>	<b>10 days</b>	<b>4/11/06</b>	<b>4/24/06</b>	<b>0%</b>	[Gantt bar from 4/11 to 4/24]																	
28	Conduct Run-at-Rate at MIC	1 wk	4/14/06	4/20/06	0%	[Gantt bar from 4/14 to 4/20]																	
29	Conduct Production Validation testing at Northville	1.5 wks	4/11/06	4/20/06	0%	[Gantt bar from 4/11 to 4/20]																	
30	Finalize quality documentation at HLI and MIC	1 day	4/21/06	4/21/06	0%	[Gantt bar at 4/21]																	
31	Submit Phase 2 and Phase 3 PPAP documentation	1 day	4/24/06	4/24/06	0%	[Gantt bar at 4/24]																	

*phase 2 depends on capacity tooling & run@rate*

Project: U222 shot peen  
 Date: 3/7/06

Task  
 Split



Progress  
 Milestone



Summary  
 Project Summary



External Tasks  
 External Milestone



Deadline



C11 87 3650

Crown Vic - NHTSA investigation  
CCRB issue.

Expedition - Same police Agency has notified NHTSA  
ASO pressure  
emerging CCRB issue.

Need note from ASO to Craig  
+ Mark.

Hystory met w/ Mark & Craig last Thurs.  
AST on Monday  
CER yesterday Approved funding

production tools + process + testing  
less ~~in~~ capacity tooling + run @ rate PSW paper work.

ASO <sup>Eric</sup> Eiswerth

Hystory

3/13

3/27 Sales & mktg  
commitment.

~~stop~~  
visit next week.

3/15

Dan Trobloush  
Mark H  
Craig F.

Hill Salmo  
James Gillmore  
PE08-070 0168

6666

□ verify all were ~~not~~ non compliant wheels.

## U222 SSV Wheel Evaluation

- 136 wheels (17" steel full face) received from Fresno Sheriff's fleet
- Evaluation Method - Hayes evaluated all wheels by:
  - wheels labeled / ID w/ tracking Number*
    - Visual inspection
    - Leak test
    - Uniformity (Akron standard)
- Results
  - Visual inspection detected ~~2~~<sup>3</sup> wheels with cracks
    - Crack angles at 35° (53K miles) and 150° (64K miles), 55° (74K miles)
  - Leak test detected ~~13~~<sup>2</sup> additional wheels with cracks
    - Crack angles ranged from 10° to 35° and mileage ranged from 53K miles to 90K (average 77K miles)
  - 2 additional wheels were found to have 2 cracks
  - Uniformity – nothing unusual noted from Akron standard measurement results
- Summary
  - 17 of 136 wheels were found to have cracks in the attachment weld
  - Mileage ranged from 53K to 90K miles
  - Crack size ranged from 35° to 150°

**PE08-070 Non-Confidential  
- Miscellaneous Warrant**

2015 - CHROME PLATED

0.300

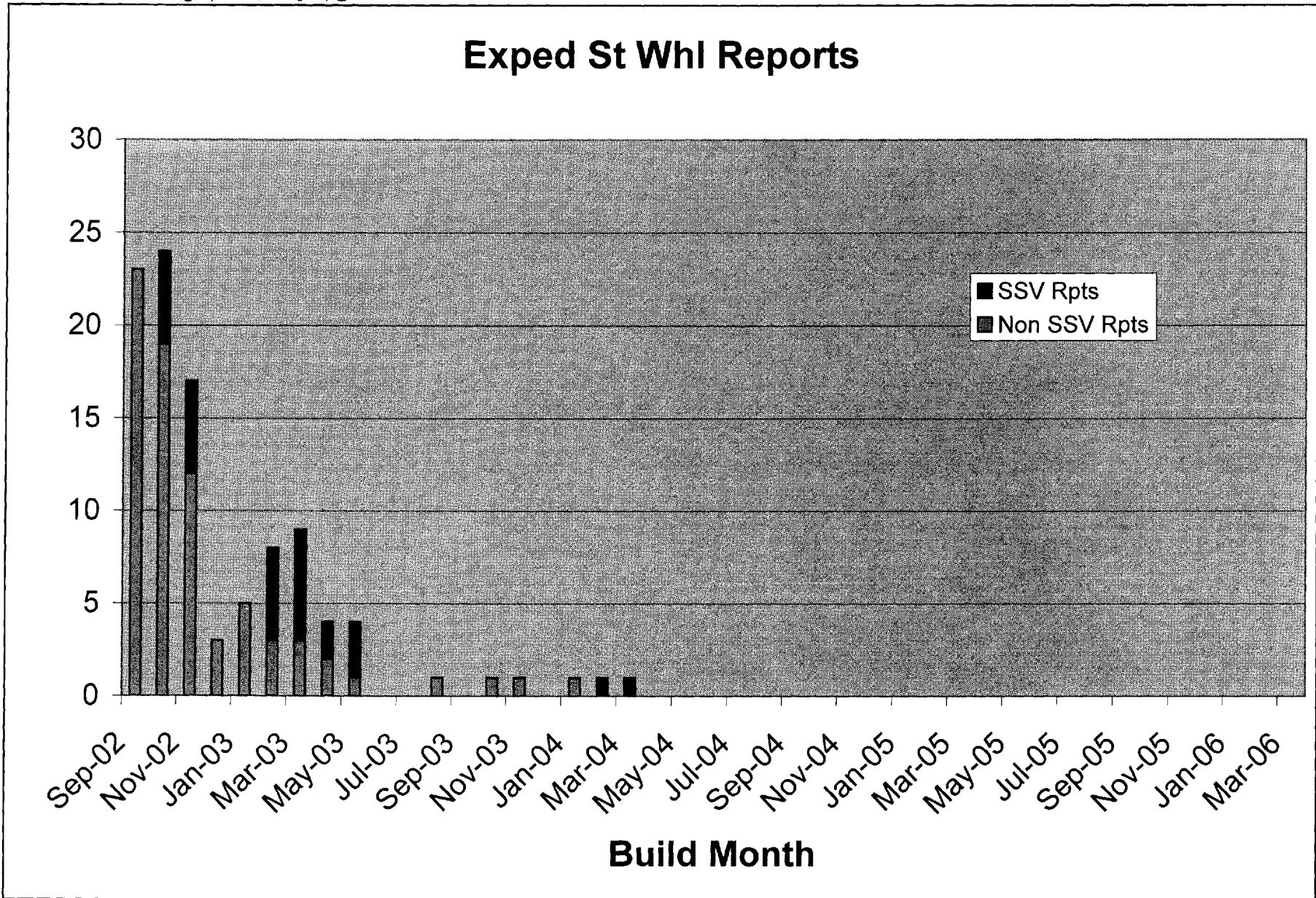
1.000 - TOP COAT

29540 NON SSV

NON SSV - TOP COAT  
CHROME PLATE

9460 SSV

### Exped St Whl Reports



HL SHIPPED 140 WALS 1 DAY SHIPPING (MID LAST WK)

ALL PARTS WILL HAVE A STICKER OVER THE PIN WITH THE NEW TAIL P/N

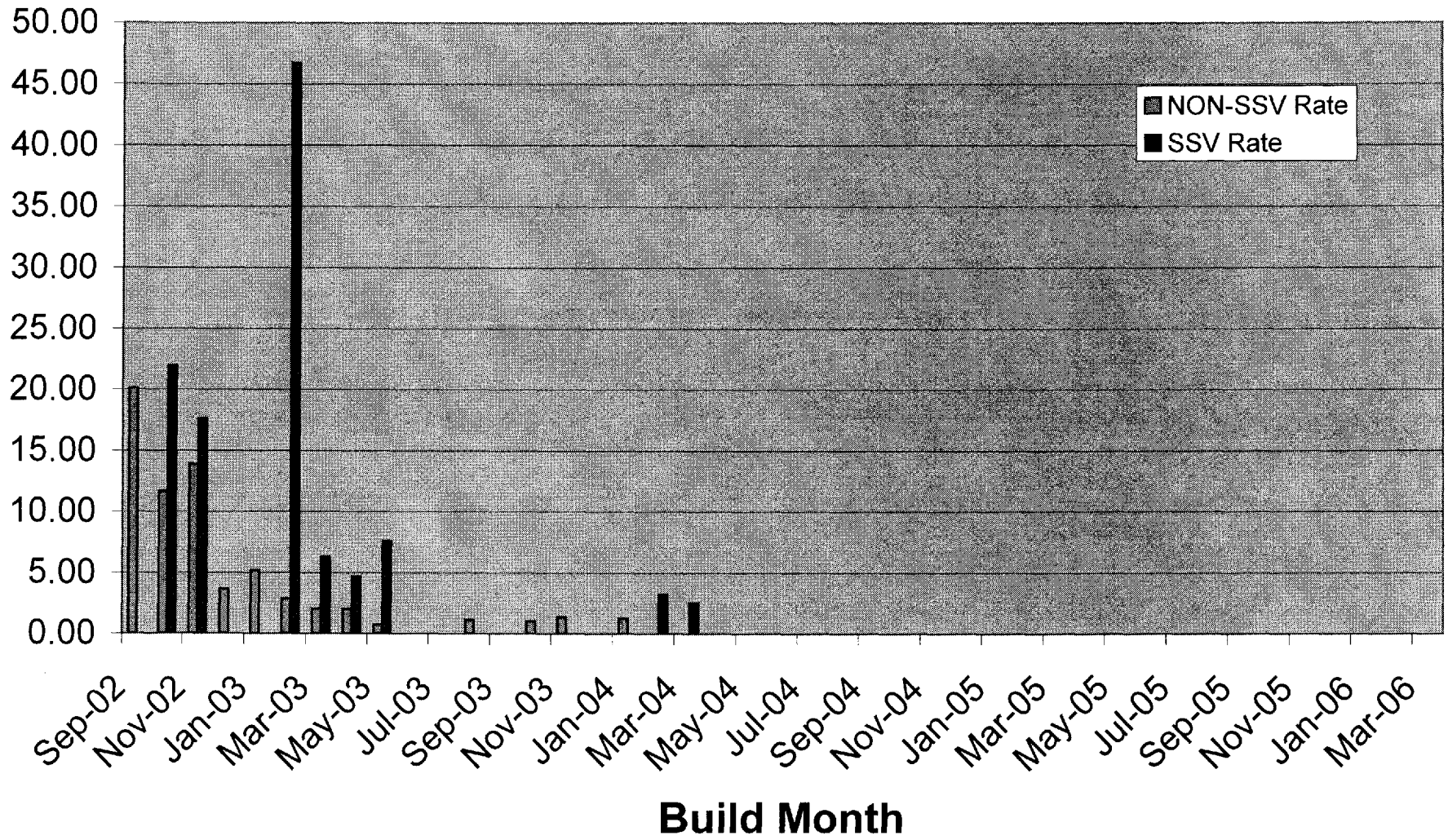
TAIL OR 4214

WILL REQUEST WHEEL REPORTS w/ VIN & MILEAGE

4/28/2006

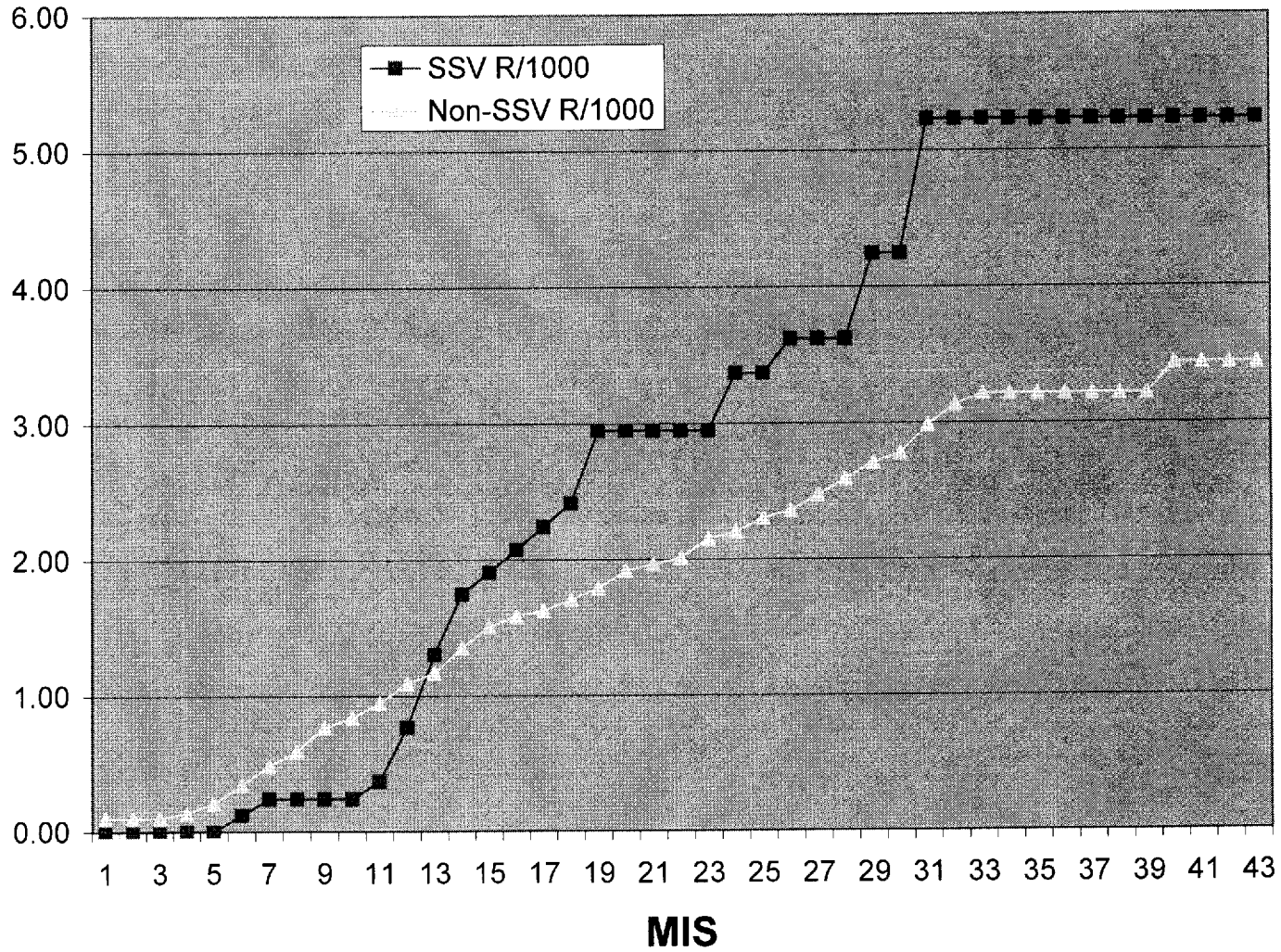
PE08-070 0170

# Exped St Whl Report Rate

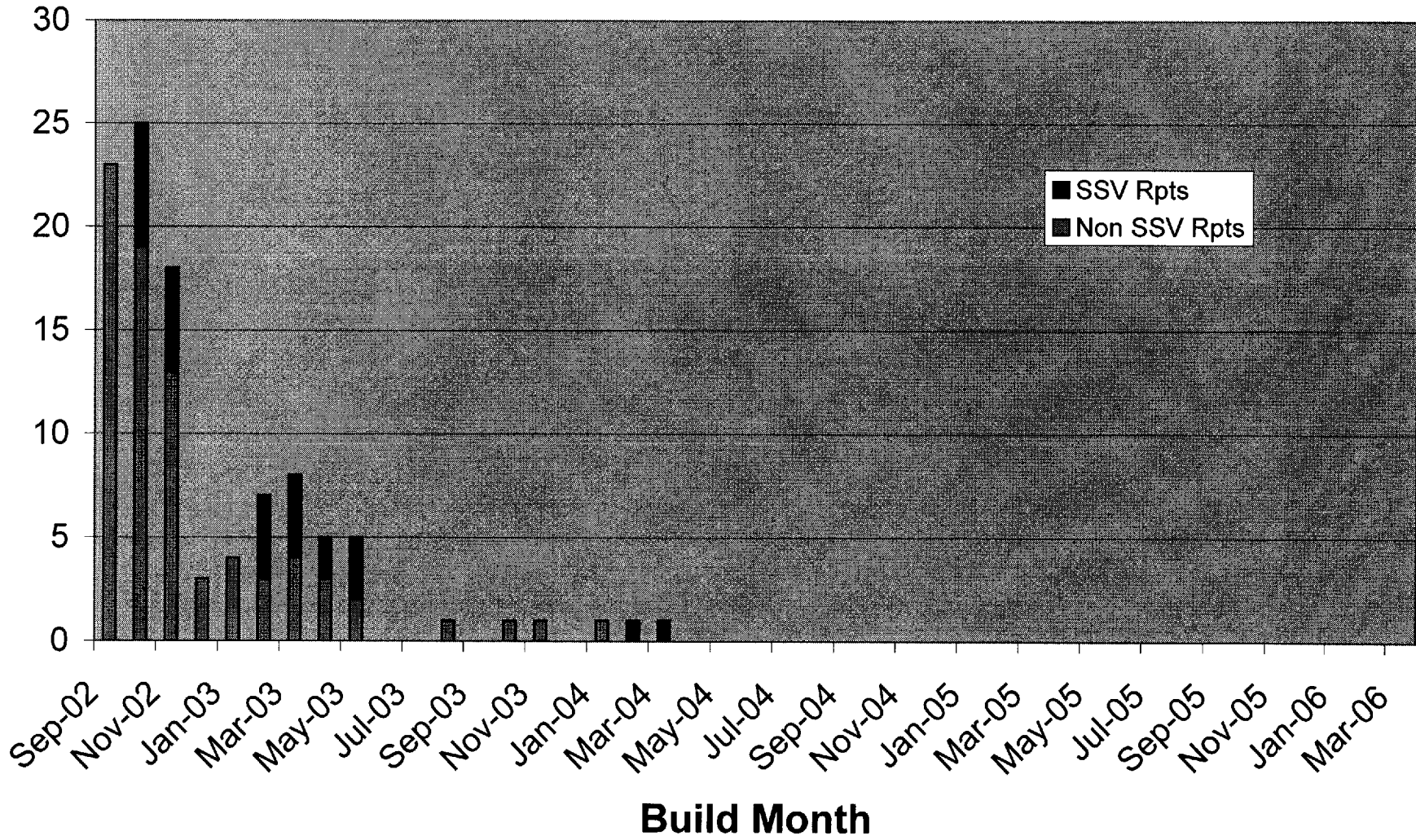




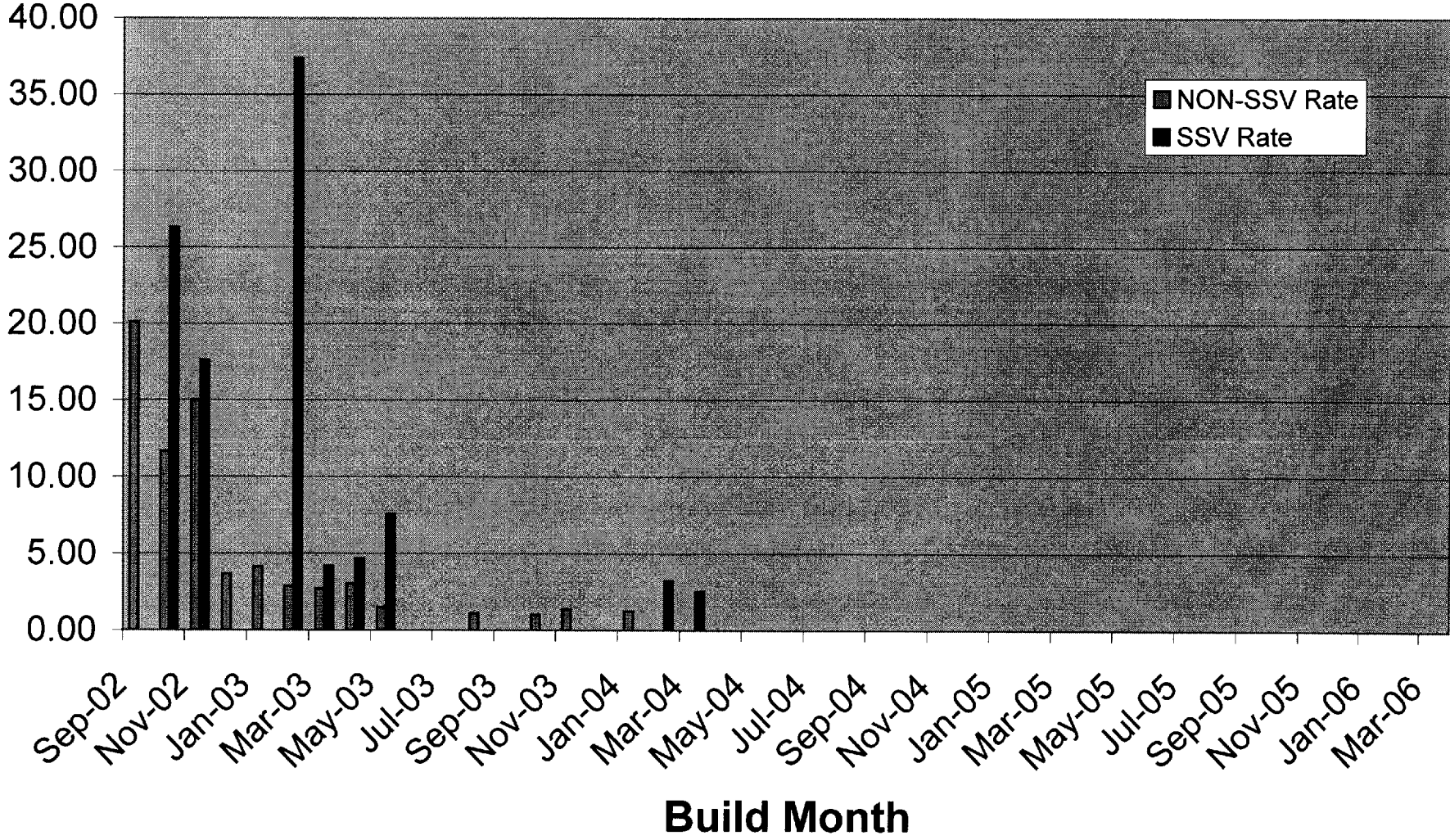
# Exped St Whl R/1000 vx MIS



# Exped St Whl Reports

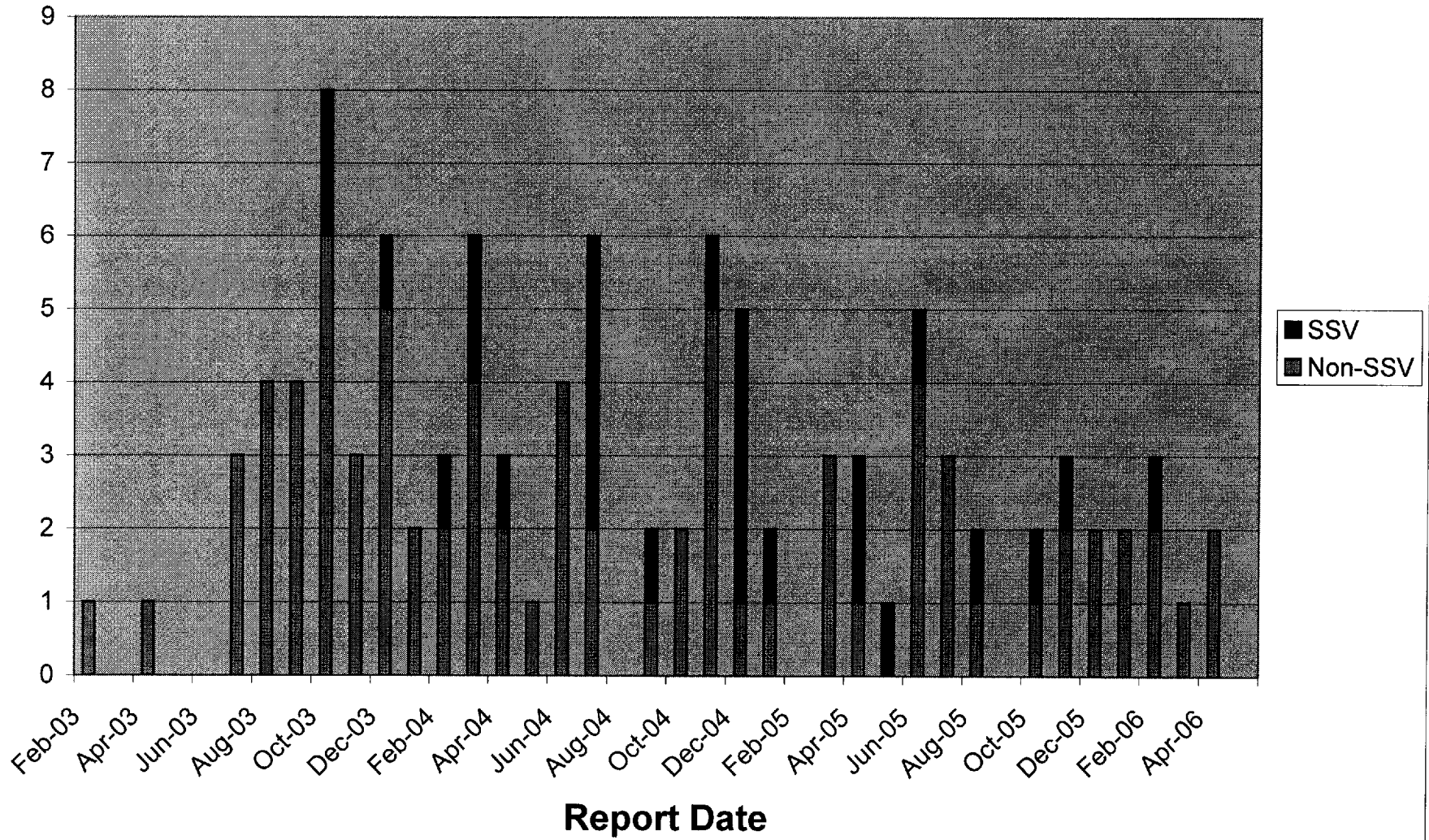


# Exped St Whl Report Rate

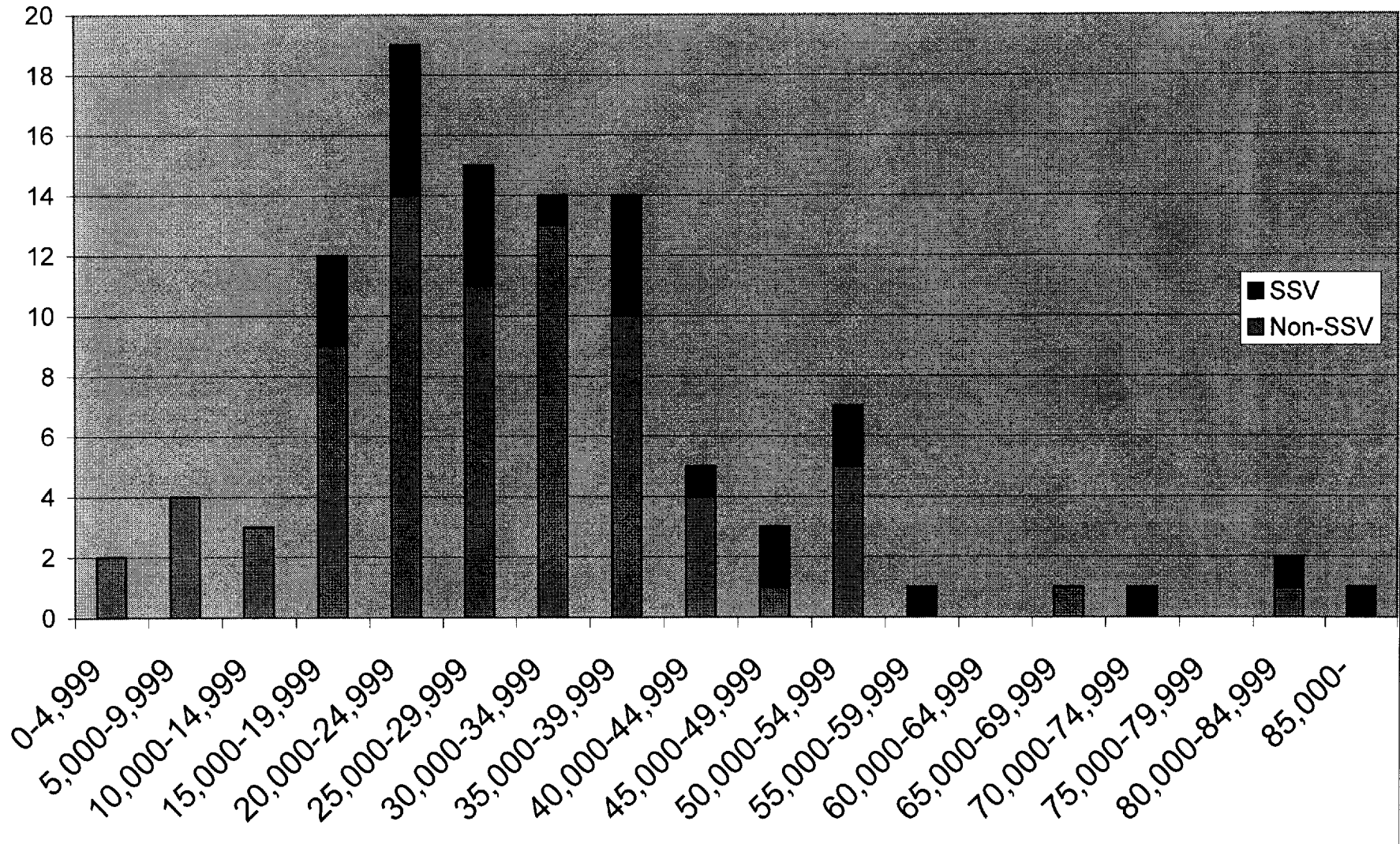




## Exped St Whl Reports by Rpt Date



## Expedition Reports by Mileage



6/22/2006

PE08-070 0176

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**From:** Eiswerth, Eric (E.E.)  
**Sent:** Tuesday, May 02, 2006 3:23 PM  
**To:** Campbell, Keith (K.A.)  
**Cc:** Bagley, Matt (M.R.); Ott, David (D.J.)  
**Subject:** RE: Preliminary Agenda: 2003 Expedition SSV - Steel Wheel Weld Cracks

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

**Attachments:** Exped st whl graphs.pdf

See attached pdf file.

Dave - the xl file is on the W drive (W:\gasc\common\eeiswert\Exped whls\exped rpts.XLS) in case any other info is needed (it's 2 Mb, so I didn't want to send it).

Keith - I'll be out of town Wed - Fri - contact Dave Ott if you need anything for the CCRG.



Exped st whl  
graphs.pdf (27 KB...

*Regards,*

*Eric Eiswerth  
Ford Automotive Safety Office  
eeiswert@ford.com  
(313)390-5129*

---

**From:** Campbell, Keith (K.A.)  
**Sent:** Tuesday, May 02, 2006 2:56 PM  
**To:** Eiswerth, Eric (E.E.)  
**Cc:** Bagley, Matt (M.R.)  
**Subject:** FW: Preliminary Agenda: 2003 Expedition SSV - Steel Wheel Weld Cracks  
**Importance:** High

Need your updated warranty analysis with the mileage of claims in addition to the existing analysis.

*Regards, Keith Campbell*

Tires-Wheels for Body on Frame, Supervisor  
Phone & Fax (313) 24-89316 Cell & Pager (313) 805-3390  
PDC 2B-J30

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**From:** Christensen, Kris (K.S.)  
**Sent:** Tuesday, May 02, 2006 11:37 AM  
**To:** Campbell, Keith (K.A.); Bagley, Matt (M.R.)  
**Cc:** Rohweder, David (D.S.)  
**Subject:** Preliminary Agenda: 2003 Expedition SSV - Steel Wheel Weld Cracks  
**Importance:** High

Please be advised that the subject concern is tentatively scheduled for review in the BoF-SUV/Panther CCRG meeting on Thursday, May 4 at 9:00am. Time will be confirmed on Wednesday.

The CCRG meeting is held in conference room: PDC 2B-F28.

Please be prepared to provide a verbal report on the root cause investigation findings and planned/implemented corrective actions.

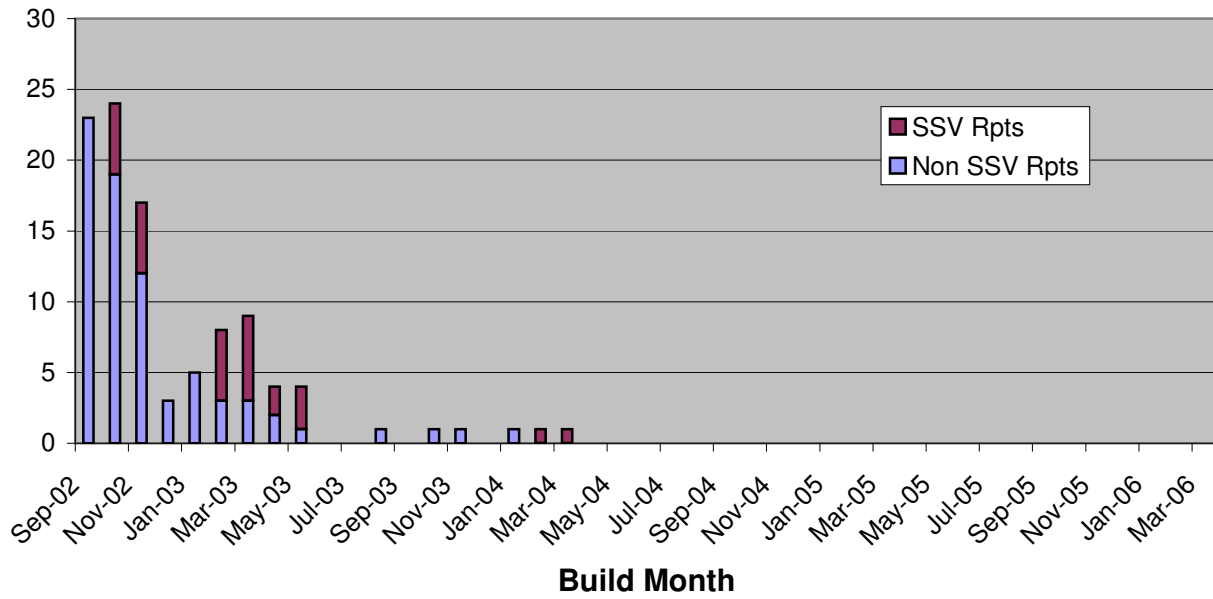
If you have any documents to support the discussion, please provide electronic files to me by 4:00pm on WED as we are utilizing on-line facilities and no longer using hard-copy documents.

If you have any questions, please contact me.

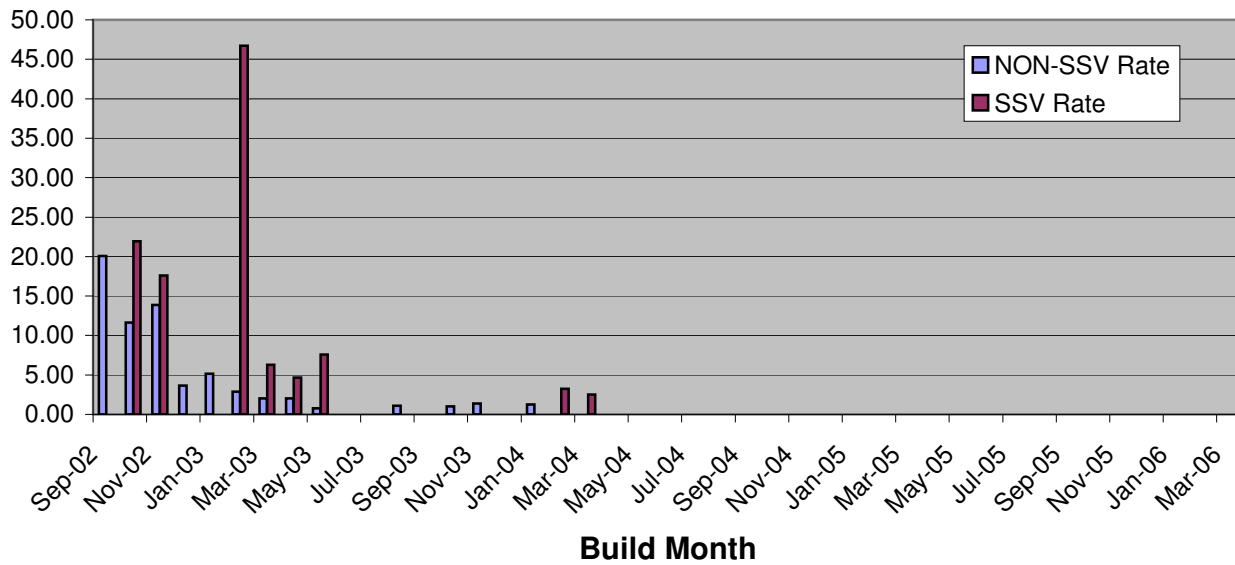
***Kris S. Christensen***

BoF-SUV/Panther Critical Concern Manager  
MD 327 GCD26 PDC  
Bus.: (313) 323-8497 Fax: (313) 317-9257  
CDSID: kchrist1 E-mail: kchrist1@ford.com

### Exped St Whl Reports

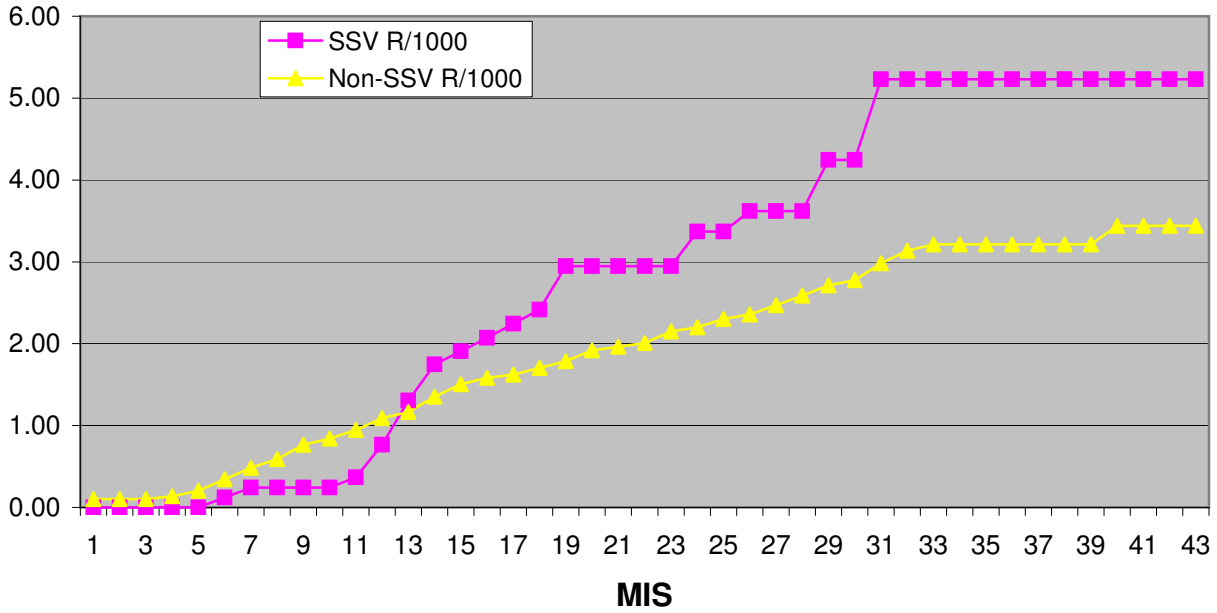


### Exped St Whl Report Rate

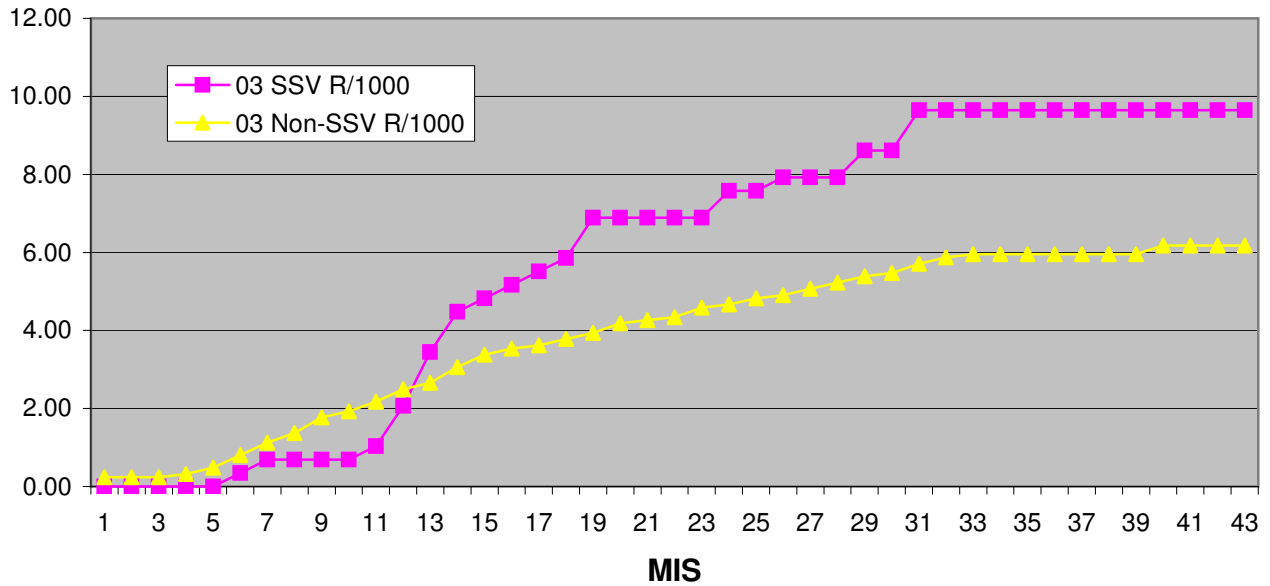




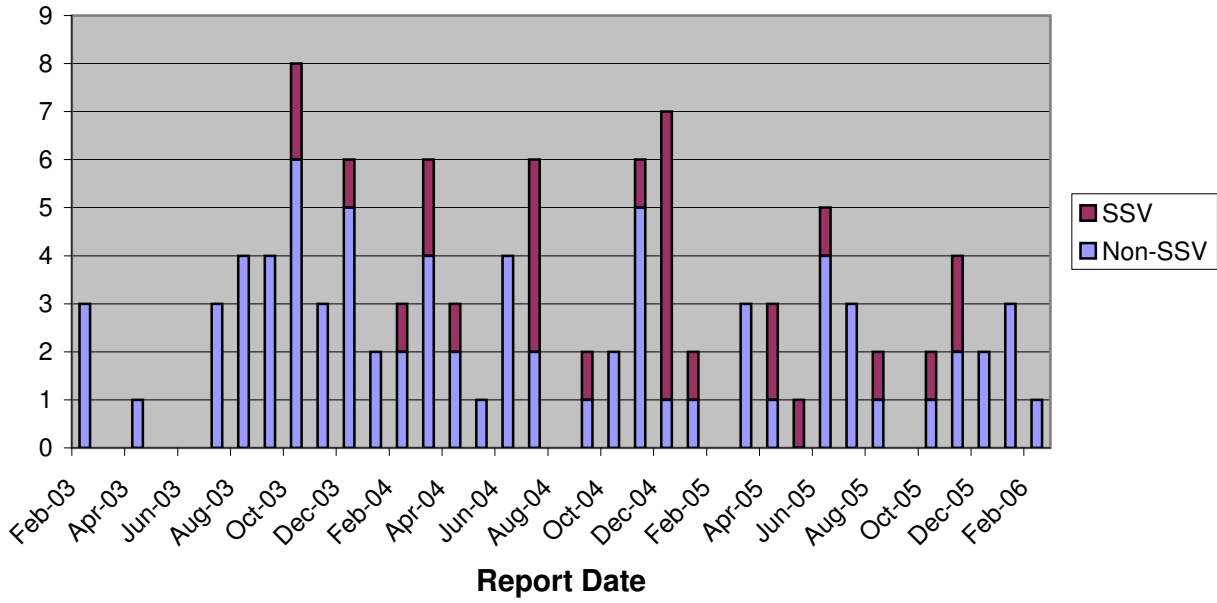
### Exped St Whl R/1000 vx MIS



### 03 Exped St Whl R/1000 by MIS



### Exped St Whl Reports by Rpt Date



### Expedition Reports by Mileage

