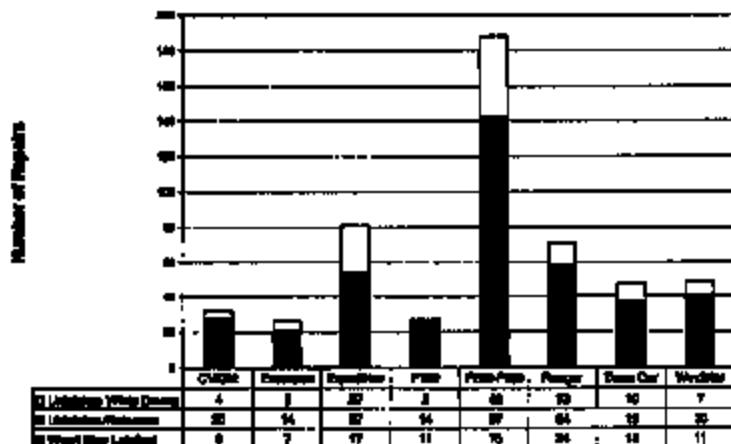
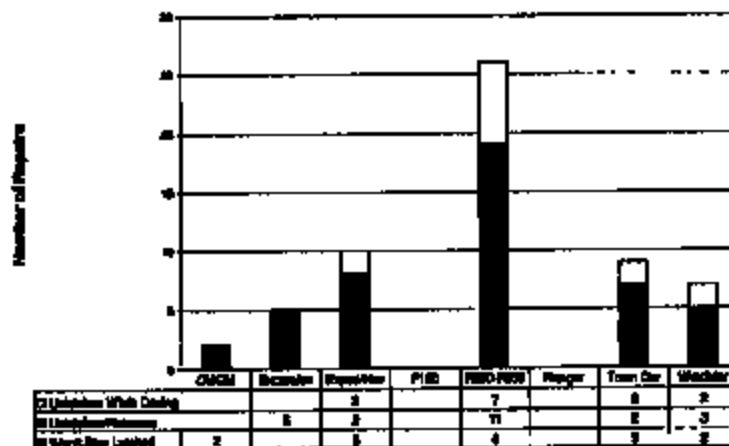


RQ04-011
FORD
APRIL 26, 2005
REQUEST 8
PART 4 OF 4
BOOKS 30 OF 43

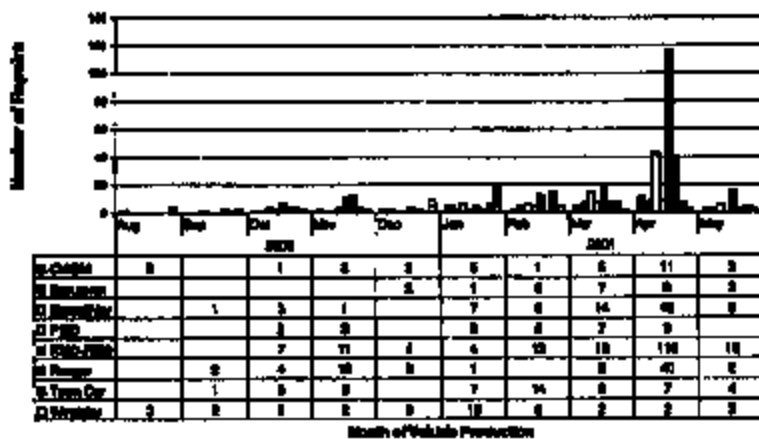
2001 TRW Buckle Replacement after 01/021 Buckle Inspection



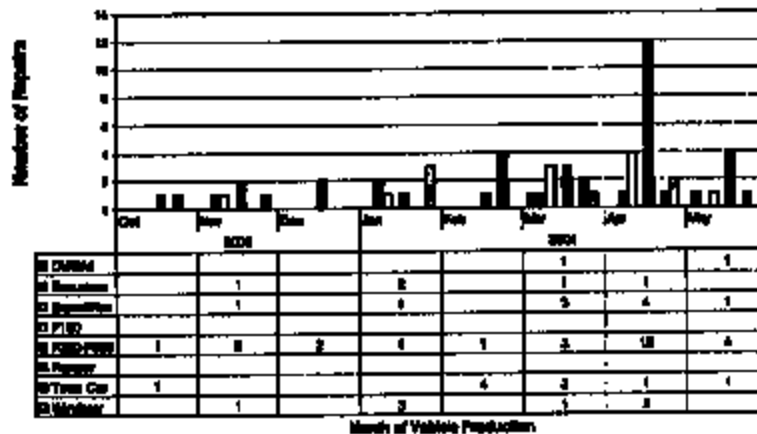
2001 TRW Buckle Replacement after 01/021 Buckle Inspection



2001 TRW Buckle Replacement after 01/021 Buckle Inspection
(Month of Vehicle Production)

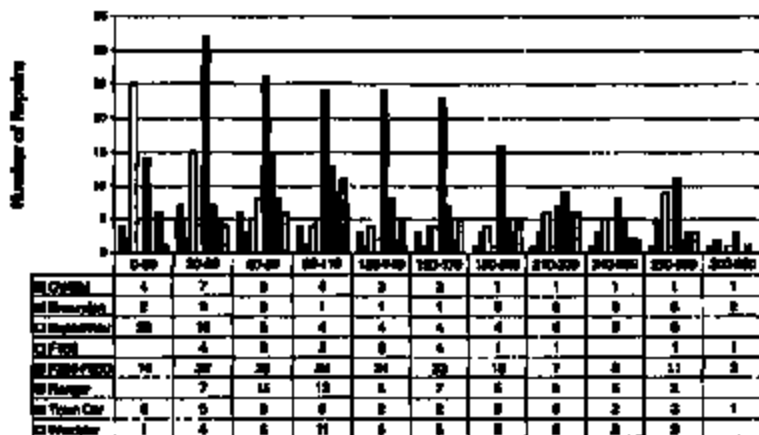


2001 TRW Buckle Replacement after 01/021 Buckle Inspection
(Month of Vehicle Production)



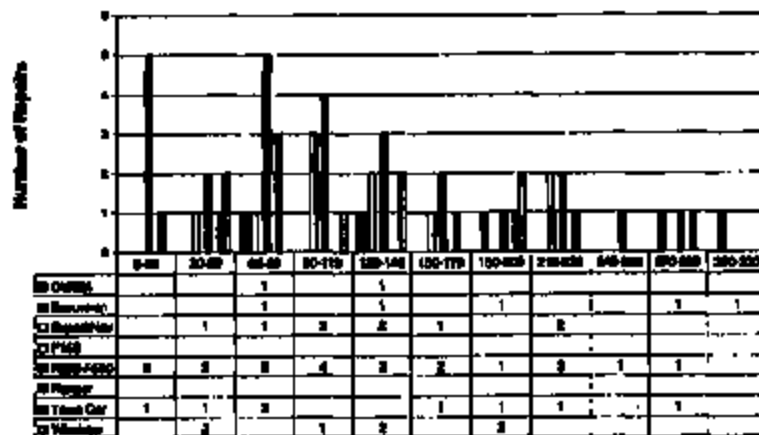
RC04-011 06149

2001 TRW Buckle Replacement after 01021 Buckle Inspection



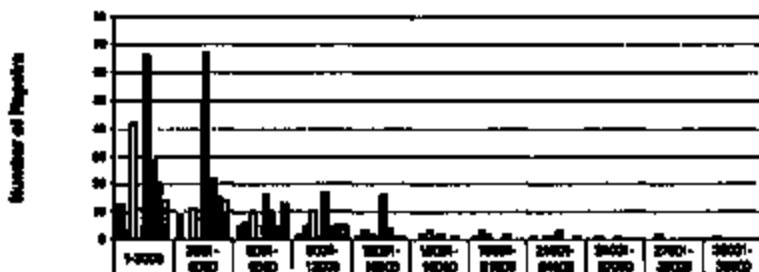
Days between Inspection and Replacement

2001 TRW Buckle Replacement after 01021 Buckle Inspection



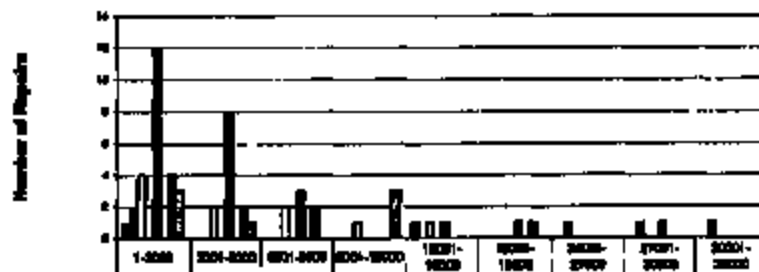
Days between Inspection and Replacement

2001 TRW Buckle Replacement after 01021 Buckle Inspection



Days between Inspection and Replacement

2001 TRW Buckle Replacement after 01021 Buckle Inspection



Days between Inspection and Replacement

[REDACTED]

From: Hall, Dennis (.)
Sent: Monday, July 08, 2002 1:38 PM
To: Zychowicz, Julie (J.A.); Clement, Charles (C.A.)
Cc: Laffert, Kyle (K.R.)
Subject: 2001 Seat Buckle Analysis

The attached file contain analyzed data of certain 2001 MY vehicles which had front buckles replaced after 01S21. This report was generated as a follow up to the ECI paper involving 2001 Expedition/Navigator Front Seat Belt Buckle Replacements. Parts are available for analysis.



2001 TRV Buckle
Replacements.d...

Thanks,

Dennis Hall

Product Concern Analyst
Enhanced Concern Identification
600 Town Center Dr. Suite 300, Cube 41
Phone(313) 248-7345, Fax (313) 248-6276
dhall34@ford.com

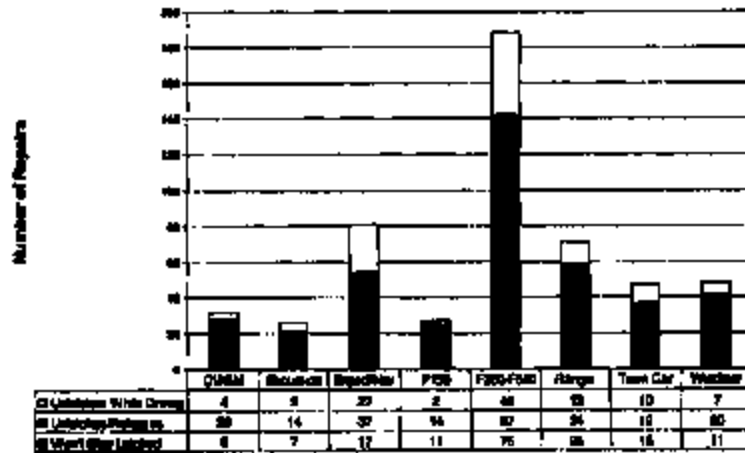
2001 MY Seatbelt Buckle Analysis
01B21 Buckle Inspection - buckle inspected and replaced at a later date

2001 Model Year	Build Date Range	Won't Latch			Won't Stay Latched			Unlatches/Releases			Unlatches While Driving		
		AWS	CCIS	VOG	AWS	CCIS	VOG	AWS	CCIS	VOG	AWS	CCIS	VOG
Expedition/Navigator	4/11/00 - 5/21/01	74	5	0	17	2	0	37	4	0	27	2	0
	NAP 4/15/00 - 5/25/01												
	KC 9/11/99 - 5/25/01												
F150	OTF 5/15/00 - 5/29/01	44	9	0	11	0	0	14	2	0	2	2	0
	Calet 5/15/00 - 6/09/01												
F250-F350	KTP 4/14/00 - 5/27/01	66	2	0	75	2	0	67	0	0	46	2	0
	Calet 5/15/00 - 6/12/01												
Excursion	4/17/00 - 10/02/00	7	0	0	7	0	0	14	0	0	5	0	0
Ranger	TC 3/23/00 - 5/30/01	64	2	0	24	2	0	34	0	0	13	0	0
	Edi 2/13/00 - 5/25/01												
Windstar	3/23/00 - 5/30/01	69	1	0	11	0	0	30	0	0	7	0	0
Crown Vic/Grand Marq	4/17/00 - 5/29/01	57	1	0	8	1	0	20	1	0	4	1	0
Town Car	3/27/00 - 5/30/01	63	0	0	18	1	0	19	0	0	10	0	0
Total		444	14	0	171	8	0	235	7	0	114	7	0

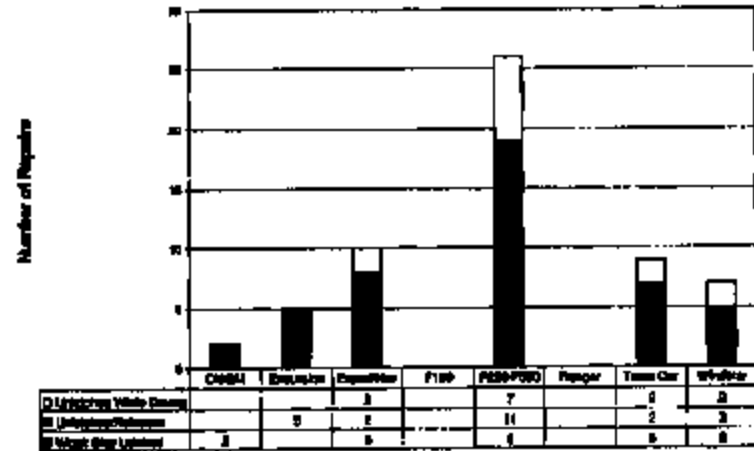
2001 MY Seatbelt Buckle Analysis
01S21 Buckle Replacement - buckle replaced under recall and replaced again at a later date

2001 Model Year	Build Date Range	Won't Latch			Won't Stay Latched			Unlatches/Releases			Unlatches While Driving		
		AWS	CCIS	VOG	AWS	CCIS	VOG	AWS	CCIS	VOG	AWS	CCIS	VOG
Expedition/Navigator	4/11/00 - 5/21/01	37	3	0	6	0	0	2	0	0	2	0	0
	NAP 4/15/00 - 5/25/01												
	KC 9/11/99 - 5/25/01												
F150	OTF 5/15/00 - 5/29/01	8	1	0	0	0	0	0	0	0	0	3	0
	Calet 5/15/00 - 6/09/01												
F250-F350	KTP 4/14/00 - 5/27/01	20	1	0	6	0	0	11	0	0	7	1	0
	Calet 5/15/00 - 6/12/01												
Excursion	4/17/00 - 10/02/00	3	0	0	0	0	0	5	0	0	0	0	0
Ranger	TC 3/23/00 - 5/30/01	0	0	0	0	0	0	0	0	0	0	0	0
	Edi 2/13/00 - 5/25/01												
Windstar	3/23/00 - 5/30/01	14	1	0	2	0	0	3	0	0	2	0	0
Crown Vic/Grand Marq	4/17/00 - 5/29/01	23	0	0	2	2	0	0	0	0	0	0	0
Town Car	3/27/00 - 5/30/01	19	0	0	5	0	0	2	0	0	2	0	0
Total		124	5	0	23	2	0	23	0	0	13	4	0

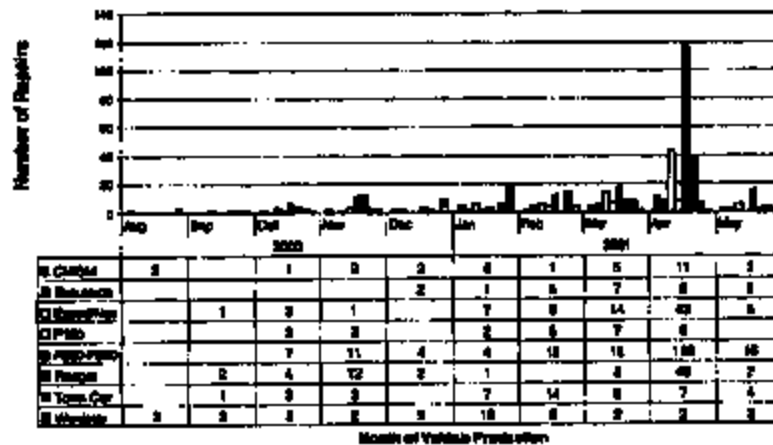
2001 TRW Buckle Replacement after 01021 Buckle Inspection



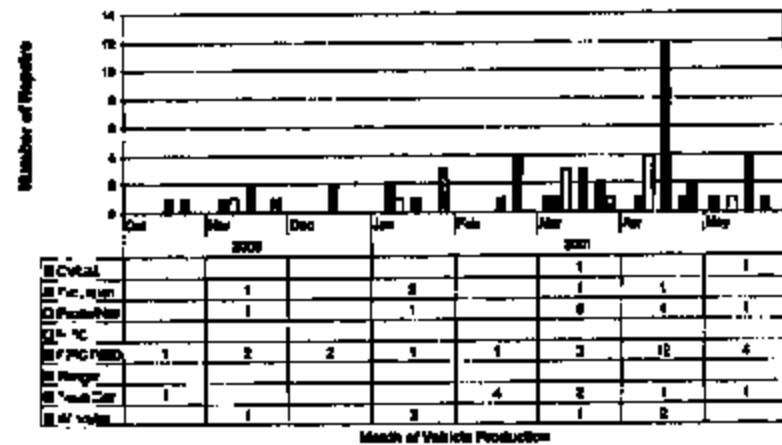
2001 TRW Buckle Replacement after 01021 Buckle Inspection



2001 TRW Buckle Replacement after 01021 Buckle Inspection
(Month of Vehicle Production)



2001 TRW Buckle Replacement after 01021 Buckle Inspection
(Month of Vehicle Production)





1L7Z-7861202

	Aug-01	Sep-01	Oct-01	Nov-01	Dec-01	Jan-02	Feb-02	Mar-02	Apr-02	May-02	Jun-02
	628	187	218	124	88	73	48	43	97	79	14
	3829	1310	1810	1032	670	588	458	398	744	501	128
	6084	1576	2422	1150	921	688	573	499	950	640	144
	1308	116	81	41	81	25	29	27	29	11	5
	1048	303	341	205	124	124	88	85	110	103	18
	1857	531	868	477	337	308	237	190	311	182	58
TOTAL	18357	4002	8740	3689	2181	1992	1484	1236	2295	1518	368

1L7Z-7861203

	Aug-01	Sep-01	Oct-01	Nov-01	Dec-01	Jan-02	Feb-02	Mar-02	Apr-02	May-02	Jun-02
	118	48	69	24	19	24	11	18	27	15	0
	422	188	209	114	54	84	44	42	87	38	12
	280	77	138	81	48	82	28	28	54	35	8
	1200	508	639	282	182	188	130	128	204	163	41
	2421	903	1085	582	411	398	334	283	385	307	81
	4135	1431	2229	1087	745	648	493	380	688	545	121
	1847	237	388	175	118	125	87	105	108	91	21
	2034	635	1100	541	348	383	308	267	430	345	85
	3227	1215	1887	979	681	715	514	472	751	574	138
TOTAL	18881	6438	7783	3825	2812	2818	1886	1688	2884	2103	487

1-2K	22
2-3K	28
3-4K	38
4-5K	28
5-6K	28
6-7K	17
7-8K	23
8-9K	9
9-10K	13
10-11K	4
11-12K	6
12-13K	0
13-14K	5
14K +	4
Mileage Band	227

AWS Breakdown of seat belt claims Driver	
V8 Passenger	
7861203 - Driver's Side	
Seat Belt Unlatched	54
Seat Belt Will Not Stay Latched	24
Seat Belt Will Not Latch	89
UnLatched While Driving	49

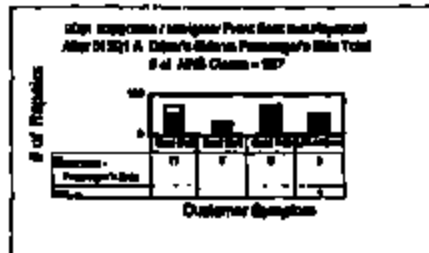
Driver's Side	
Aug-00	3
Sep-00	8
Oct-00	15
Nov-00	4
Dec-00	4
Jan-01	20
Feb-01	29
Mar-01	25
Apr-01	82
May-01	5
Month of Production	



MMP Date: EXPEDITION/NAVIGATOR
1L7X-7861202



	Aug-01	Sep-01
	528	167
	3829	1310
	5084	1575
	1303	116
	1048	303
	1667	531
TOTAL	13357	4082
1L7Z-7981203		
	Aug-01	Sep-01
	115	48
	422	188
	280	77
	1200	508
	2421	903
	4135	1431
	1847	237
	2034	835
	3227	1215
TOTAL	15861	5438



Both	7861202 - Passenger's Side	17
		7
		5
	1	1

Passenger's Side		0
		2
		4
		0
		3
		2
		3
		4
		11
		1

State	Providence
	TX
	CA
	FL
	GA
	MI
	NC
	LA
	NY
	AZ
	VA
	TN
	OK
	NJ
	WA
	KY
	AL
	SC
	PA

TRW Global Backup Systems

RQ04-011 11046

Oct-01	Nov-01	Dec-01
218	124	68
1810	1032	870
2422	1180	921
81	41	31
341	205	124
888	477	337
6740	3889	2151

Oct-01	Nov-01	Dec-01
89	24	19
209	114	54
138	61	48
539	282	192
1095	582	411
2229	1087	745
388	175	118
1100	641	348
1997	879	681
7782	3825	2812



Buckle Inspection Data

Assembly Plants	Buckles Checked	No. of Rejects	Reject Rate	Comments
Norfolk	8518	1482	18.2	Through 6/5
TCAP	5382	240	4.5	Through 6/5
MTP	10614	1088	10.2	As of Day shift ending 6/5
EAP	5312	219	4.1	Through 6/5
OTP	922	95	10.3	5/29 3rd shift & 6/30 2nd shift
OTP	1834	245	13.4	5/31 to 6/3
Oakville	655	47		5/29 Night Shift
Oakville	612	17		5/30 Day Shift
Oakville	25	3	12.0	31-May
Oakville	1880	400		29-May
Windsor	548	104	19.0	27-May
KCAP	5340	385	7.2	Through 6/2
KTP	12516	15	0.1	Through 6/2
CUAP	3485	255	7.5	Through 6/20
STAP/Lear Plants	17330	845	4.9	Through 6/30
Vibron	1745	4	0.2	5/26 - 6/28
Total	77883	5511	7.1	

Seat Plants

Vibron Chesterfield				
FN145	6188	1	0.02	Through 6/4
UN63	2682	24	0.9	Through 6/4
U222/226	33	0	0	Through 6/1
Oakville Lear Seat	3541	23		1-Jun
Oakville Lear Seat	1974	10	0.5	31-May
Oakville Lear Seat	1824	0	0	30-May
Oakville Lear Seat	952	3		29-May
Total	16988	61	0.4	

From: Lee, William (W.E.)
Sent: Wednesday, July 25, 2001 12:05 AM
To: Malacki, David (D.B.)
CC: eoonred@ford.com; blee@ford.com
Subject: TRW Global Buckle (R3N4G)

Contacts: Malacki, David (D.B.)

Partial Trip Report from 7/23 & 24th. at TRW Reynosa

Attendees: Ford: Bill Lee, STA
Curtis Kalina, Engineering
Marty Voelker, Engineering

TRW: Hose Peralta
Marcelo Mendez
Chris Gordon

We reviewed the 5 root causes and corrective actions.

Root causes as follows:

1. Buckle base & latch window misalignment
-interference between latch and base
2. Ferrule installation causing over/under staking.
-deformation from over staking (disproved in DOE)
-loose ferrules due to under staking
3. Latch Spring distorted
-Distortion due to improper alignment & speed during installation.
-Parting line mismatch on pushbutton bridge=distortion during
4. Pushbutton bridge (doghouse) broken.
-Parting line mismatch on bridge
5. Improper base & latch coating.
-Contamination /improper coating process resulted in excessive

Installation

friction.

Containment Actions Reviewed and Verified.

1. 5.5 lb test device with slow insertion of tongue into buckle .
-Checks for proper latching condition.
-Implemented on 5/10/01
2. Additional check with Min tongue.
-one operator, 3 times (300%)
-Implemented on 5/10/01
3. Visual check of pushbutton to verify "Bridge Integrity".
-Under 10X magnification
-Implemented 5/3/01
4. Additional Check with Min tongue.
5. Modified final inspection latching check to use Min. Tongue.
-Implemented 5/10/01
6. Additional 500% Min Tongue check at McAllen Warehouse.

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Corrective Actions:

1. Buckle and Latch Hole Alignment.

- Buckle base reworked to remove material on latch window.
-Implemented 8/2/01
- Engineering change to increase window size and rib alignment. (Level "C" base)
-Paved. w/airt 8/21/01

188,277

Verification of "C" level base. Before implementation on 6/22/01. =1.32% Defective. After, with checked = 0.0% defective.

2. Ferrule Installation:

with

- Positioning pin for alignment of latch prior to staking. Implemented on 5/4/01 and discontinued implementation of "C" level base.

by

- 100% pin check of ferrule ID. Implemented 5/8/01.
- Changed adjustable stops on staking process to fixed stops in order to control over correction operators. Implemented 8/7/01.

6/7/01

- 100% inspection of loose latch guide after staking. Implemented 6/7/01.

- 400 Newton Meter pull test of latch guide for looseness at 1 pc every 2 hours. Implemented

- New test station to probe for protrusion of latch thru window. TO BE IMPLEMENTED 7/30/01.

Verification: 4.97% reject out of 708,667 reduced to 0.0% of 188,277 pieces.

3. Distorted Latch Spring

spring)

- Modified machine to allow latch to drop before insertion of spring. (Reduced pre-load on
Implemented on 4/10/01.

5/10/01

- Additional visual check under 10X magnification for bridge integrity. Implemented on 5/3/01.

- Latch spring removal and profile dimensional checks (in process 3 / shift). Implemented

cylinder. 5/13/01

- Spring alignment fixture implemented. 5/10/01

- Installed pressure regulator and transducer to control and monitor pressure on insertion

- LVDT to verify proper installation of latch spring into bridge. 5/30/01

- Redesigned spring insertion machine to ensure proper alignment at assembly. 7/13/01

Verification: 8.13% rejects out of 511, 572 pieces. Reduced to 0.0% out of 188,277 pieces.

4. Broken Pushbutton Bridge (dog house)

cylinder. 5/13/01

- 100% visual check at 10X Magnification. Implemented 5/3/01

- Installed pressure regulator and transducer to control and monitor pressure on insertion

- Installed LVDT to verify installation of latch spring. 5/30/01

- New buckle latching test station to check protrusion of latch thru window. TO BE

IMPLEMENTED

7/30/01.

Verification: Prior =4.77% rejects out of 569,845 pieces. After=0.0% reject out of 188,277 pieces.

5. Base & Latch Coating

- Coating improved at sub supplier. 3/23/01

- Buckle base supplier moved coating process in house. 4/23/01

Verification: No corrosion failures after implementation. Parts passed Salt spray test on every lot. 68 consecutive lots of latches and 78 lots of bases have passed salt spray testing.

Design of Experiments has been reviewed and accepted by Ford Engineering.

Results: Overall controlling factor was found to be the buckle base latch window alignment-accounting for 69% or contribution to good latching.

REVIEW OF ENGINEERING CHANGES.

1. Design change to base window. (Level "C") implemented.

2. Ferrule length reduction and implementation of "Spin" riveting. Due mid to late September.

3. Add 0.6mm material to latch surface to increase force applied to latch during latching.

-8 tools have been changed out of approximately 28 total. Parts from these tools are to be used for testing, evaluation. If improvement then change will be implemented for production. Note: Only 8 tools are need for production needs. Additional tooling is use due to normal tool wear / replacement.

4. Pushbutton modification by increasing wall thickness and adding stiffening ribs to doghouse.

Prototype estimated completion date of 30 July 01. Engineering evaluation to follow.

FUTURE PROCESS IMPROVEMENTS.

1. Spin riveting for ferrules.

2. New buckle testing station.

PSW build to take place on 8/16 & 8/17/01. Successful testing will result in changes being PSWed through current Management alert, followed with a Full PSW by part number when all changes and improvements are completed.

Next Steps: (Engineering)

1. VSA results to Ford Engineering. (R. Ellis)

2. Timeline / Story Board for buckle issue. (Jose)

3. Inspection Qualification (Jose)

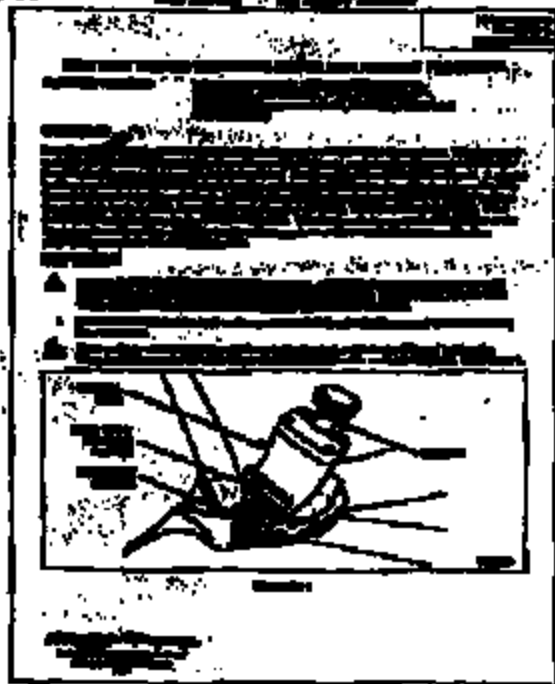
4. New ferrule process qualification criteria (Jose and Ford Engineering)

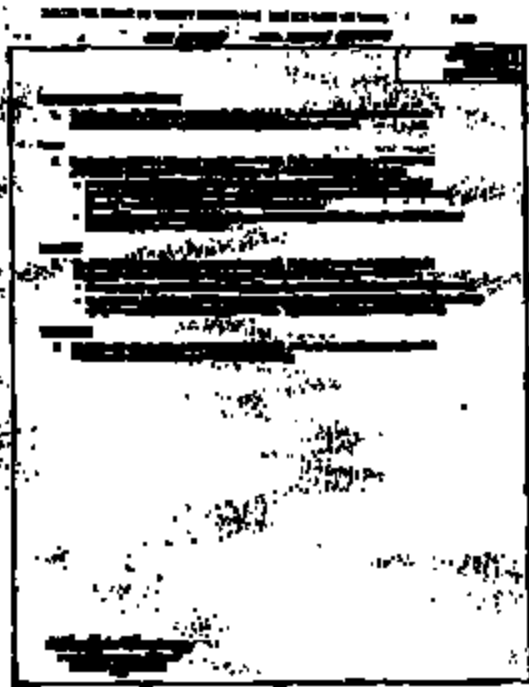
5. Engineering Disposition of Changes (TRW & Ford Engineering)

6. Ford Cross Supplier Actions and Lessons learned (Ford Engineers M. Voetker & C. Kalina)

7. Ford Release (DR) plan and timing to be developed. (Ford & TRW engineering team).

8. Full Service Supplier notification and buy in process. (J. Phillion TRW V.P. Quality).






[REDACTED]

[REDACTED]



Form with redacted content. The form contains several sections with text that has been completely obscured by black boxes. The layout includes a header section, followed by several rows of text, and a footer section. The redactions cover the majority of the content, leaving only the structure of the form visible.

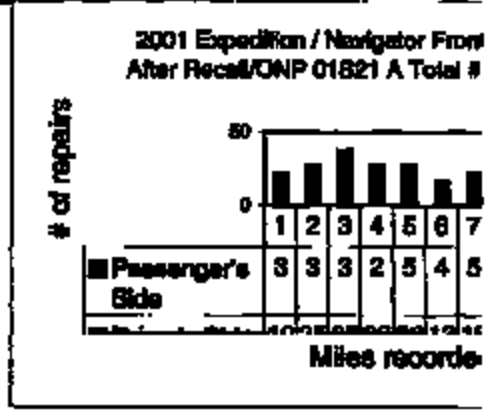


Jan-02	Feb-02	Mar-02	Apr-02
73	49	45	97
608	468	389	744
898	573	499	950
25	29	27	23
124	88	85	110
308	237	190	311
1992	1434	1238	2235

Jan-02	Feb-02	Mar-02	Apr-02
24	11	18	27
64	44	42	67
62	23	28	54
188	130	128	204
398	334	259	385
849	433	390	668
125	87	105	108
383	309	267	430
715	514	472	751
2818	1885	1889	2894

	Both Belts	Driver's Side Only
Seat Belt Unlatched	5	3
Seat Belt Will Not Stay Latched	1	2
Replaced Seat Belt	2	1
Seat Belt Will Not Latch	1	1
COB Date		

Month of Recall			
			1K
	Aug-01	4	2K
	Sep-01	17	3K
	Oct-01	15	4K
	Nov-01	28	5K
	Dec-01	38	6K
	Jan-02	38	7K
	Feb-02	28	8K
	Mar-02	32	9K
	Apr-02	28	10K
	May-02	5	11K
	Total	227	12K
			13K
			14K





May-02	Jun-02
79	14
501	129
640	144
11	5
103	16
182	58
1618	388

May-02	Jun-02
15	0
38	12
35	8
153	41
307	61
545	121
91	21
345	65
574	138
2105	467

Passenger's Side Only	0
	0
	0
	0
	0

2001 Equinox / Navigator Driver's / Passenger's Front Seat Belt Replaced After PDR's A Total CCRS Repair = 27

	Driver's Side Only	Passenger's Side Only	Both Sides	Total
Passenger's Side Only	0	0	0	0
Driver's Side Only	0	0	1	1

Customer System

AWS data by mileage Driver VS Passenger

Driver's Side	Passenger's Side
10	3
25	3
35	3
26	2
23	5
13	4
18	5
9	0
13	0
3	1
8	0
0	0
3	2
3	1

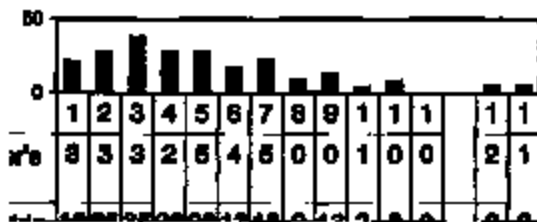
MSP Data

	Jul-01	Aug-01
1L7Z-7881209-BAC	1036	1045
1L7Z-7881209-CAB	1506	2034

Repair Month

Repair Month	Jul-01	Aug-01
Aug-01	4	
Sep-01	10	7
Oct-02	2	10
Nov-02	6	11
Dec-02	7	5
Jan-02	11	11
Feb-02	6	4
Mar-02	5	8
Apr-02	6	11
May-02		1
Grand Total	57	68

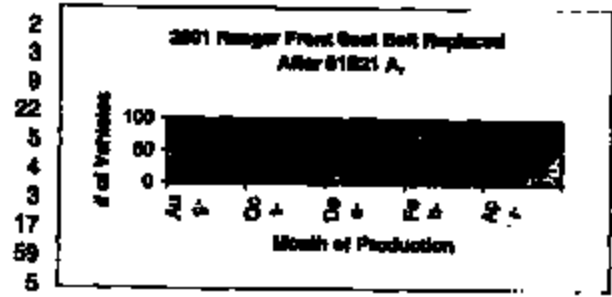
Equinox / Navigator Front Seat Belts Replaced After PDR's A Total # of AWS Claims = 227



Sep-01	Oct-01	Nov-01	Dec-01	Jan-02	Feb-02	Mar-02	Apr-02	May-02
303	341	206	124	124	88	85	110	84
835	1100	541	346	393	309	287	430	286

Number of Repairs					
3					
2	7				
10	15	1			
5	5	3	1		
4	7	2	3		
1	6	8	3	1	1
2	1	5	1	1	
3	1				
30	42	19	8	2	1

Aug-00
 Sep-00
 Oct-00
 Nov-00
 Dec-00
 Jan-01
 Feb-01
 Mar-01
 Apr-01
 May-01



2001 MY Seatbelt Buckle Analysis
01S21 Buckle Inspection - buckle inspected and replaced at a later date

2001 Model Year	Build Date Range	Won't Latch			Won't Stay Latched			Unlatches/Releases			Unlatches While Driving		
		AWS	CCS	VOG	AWS	CCS	VOG	AWS	CCS	VOG	AWS	CCS	VOG
Expedition/Navigator	4/11/00 - 5/31/01	74	6	0	17	2	0	37	4	0	27	2	0
F150	4/11/00 - 5/31/01	11	0	0	11	0	0	2	0	0	2	0	0
F250-F350	4/11/00 - 5/31/01	85	2	0	75	2	0	67	0	0	48	2	0
Excursion	4/11/00 - 5/31/01	7	0	0	7	0	0	14	0	0	5	0	0
Ranger	4/11/00 - 5/31/01	64	2	0	24	2	0	34	0	0	19	0	0
Windstar	4/11/00 - 5/31/01	8	1	0	11	0	0	30	0	0	7	0	0
Crown Vic/Grand Marq	4/17/00 - 5/31/01	57	1	0	8	1	0	20	1	0	4	1	0
Town Car	3/27/00 - 5/31/01	83	0	0	18	1	0	19	0	0	10	0	0
	Total	444	14	0	171	8	0	235	7	0	114	7	0

2001 MY Seatbelt Buckle Analysis
01S21 Buckle Replacement - buckle replaced under recall and replaced again at a later date

2001 Model Year	Build Date Range	Won't Latch			Won't Stay Latched			Unlatches/Releases			Unlatches While Driving		
		AWS	CCS	VOG	AWS	CCS	VOG	AWS	CCS	VOG	AWS	CCS	VOG
Expedition/Navigator	4/11/00 - 5/31/01	57	3	0	8	0	0	2	0	0	2	0	0
F150	4/11/00 - 5/31/01	0	0	0	0	0	0	0	0	0	0	0	0
F250-F350	4/11/00 - 5/31/01	20	1	0	8	0	0	11	0	0	7	1	0
Excursion	4/11/00 - 5/31/01	3	0	0	0	0	0	8	0	0	0	0	0
Ranger	4/11/00 - 5/31/01	0	0	0	0	0	0	0	0	0	0	0	0
Windstar	4/11/00 - 5/31/01	14	1	0	2	0	0	3	0	0	2	0	0
Crown Vic/Grand Marq	4/17/00 - 5/31/01	23	0	0	2	2	0	0	0	0	0	0	0
Town Car	3/27/00 - 5/31/01	15	0	0	3	0	0	2	0	0	2	0	0
	Total	124	6	0	23	2	0	23	0	0	13	4	0

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ECI Analysis
08/28/2002

AWS Out-of 5/31/2002

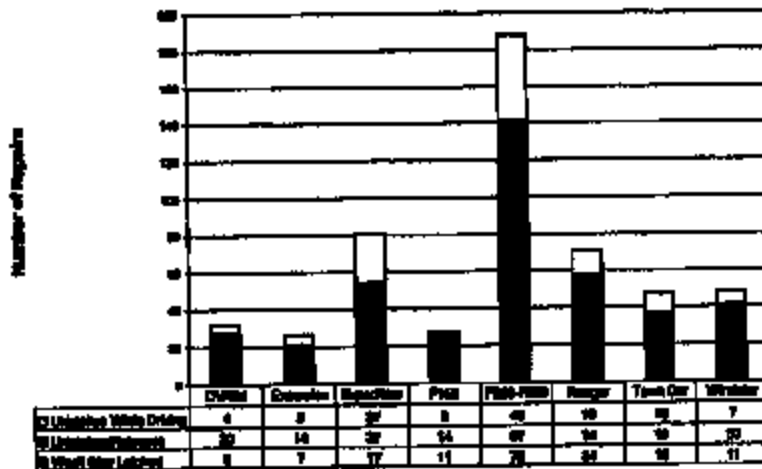
2001 MY Seatbelt Buckle Analysis
01S21 Buckle Inspection - buckle inspected and replaced at a later date

2001 Model Year	Build Date Range	Won't Latch			Won't Stay Latched			Unlatches/Releases			Unlatches While Driving		
		AWS	CQIS	VOQ	AWS	CQIS	VOQ	AWS	CQIS	VOQ	AWS	CQIS	VOQ
Expedition/Navigator	4/11/00 - 6/31/01	74	5	0	17	2	0	37	4	0	27	2	0
F150	NAP 4/16/00 - 6/25/01	44	3	0	11	0	0	14	2	0	2	2	0
	KC 9/11/00 - 5/25/01												
	QTP 5/10/00 - 6/25/01												
	Calet 5/18/00 - 6/25/01												
F250-F350	KTP 4/14/00 - 5/27/01	66	2	0	75	2	0	67	0	0	46	2	0
	Calet 5/16/00 - 6/19/01												
Excursion	4/17/00 - 10/09/00	7	0	0	7	0	0	14	0	0	5	0	0
Ranger	TC 3/29/00 - 6/30/01	64	2	0	24	2	0	34	0	0	13	0	0
Windstar	Edl 3/19/00 - 5/25/01	69	1	0	11	0	0	30	0	0	7	0	0
Crown Vic/Grand Marq	3/23/00 - 5/30/01	57	1	0	8	1	0	20	1	0	4	1	0
Town Car	4/17/00 - 5/29/01	63	0	0	16	1	0	18	0	0	10	0	0
	5/27/00 - 5/30/01												
	Total	444	14	0	171	8	0	235	7	0	114	7	0

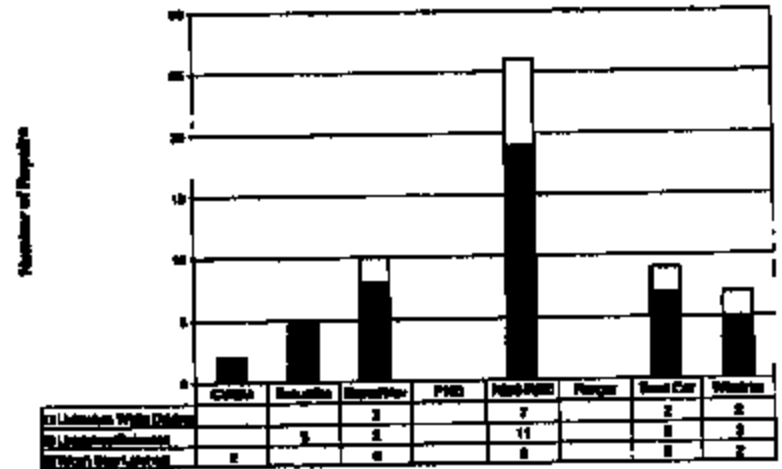
2001 MY Seatbelt Buckle Analysis
01S21 Buckle Replacement - buckle replaced under recall and replaced again at a later date

2001 Model Year	Build Date Range	Won't Latch			Won't Stay Latched			Unlatches/Releases			Unlatches While Driving		
		AWS	CQIS	VOQ	AWS	CQIS	VOQ	AWS	CQIS	VOQ	AWS	CQIS	VOQ
Expedition/Navigator	4/11/00 - 6/31/01	37	3	0	8	0	0	2	0	0	2	0	0
F150	NAP 4/16/00 - 6/25/01	8	1	0	0	0	0	0	0	0	0	3	0
	KC 9/11/00 - 5/25/01												
	QTP 5/10/00 - 6/25/01												
	Calet 5/16/00 - 6/25/01												
F250-F350	KTP 4/14/00 - 5/27/01	20	0	0	8	0	0	11	0	0	7	1	0
	Calet 5/16/00 - 6/19/01												
Excursion	4/17/00 - 10/09/00	3	0	0	0	0	0	5	0	0	0	0	0
Ranger	TC 3/29/00 - 6/30/01	0	0	0	0	0	0	0	0	0	0	0	0
Windstar	Edl 3/19/00 - 5/25/01	0	0	0	0	0	0	0	0	0	0	0	0
Crown Vic/Grand Marq	3/23/00 - 5/30/01	14	1	0	2	0	0	3	0	0	2	0	0
Town Car	4/17/00 - 5/29/01	23	0	0	2	2	0	0	0	0	0	0	0
	5/27/00 - 5/30/01	19	0	0	5	0	0	2	0	0	2	0	0
	Total	124	8	0	23	2	0	23	0	0	13	4	0

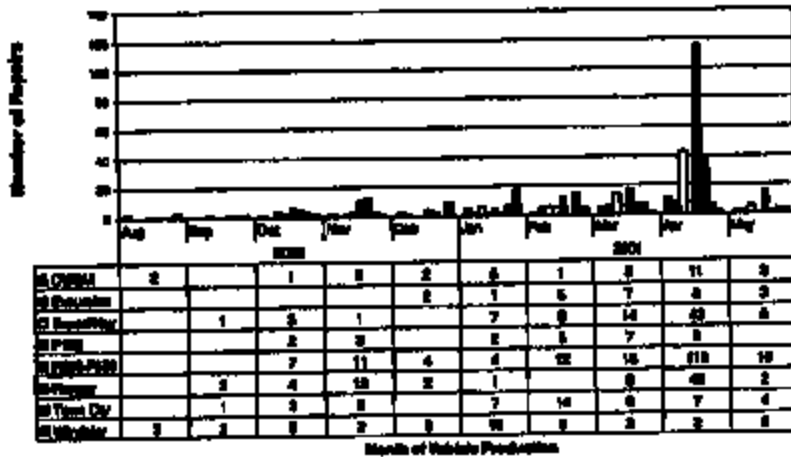
2001 TRW Buckle Replacement after 01001 Buckle (MARCH)



2001 TRW Buckle Replacement after 01001 Buckle (MARCH)



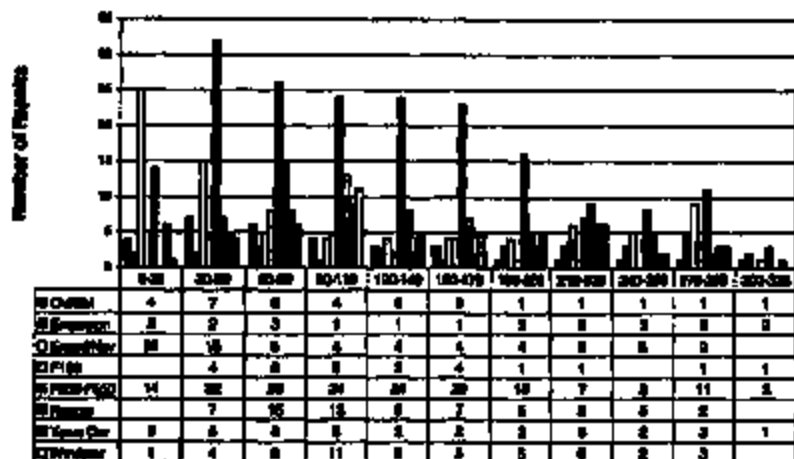
2001 TRW Buckle Replacement after 01001 Buckle (MARCH)
(Month of Vehicle Production)



2001 TRW Buckle Replacement after 01001 Buckle (MARCH)
(Month of Vehicle Production)

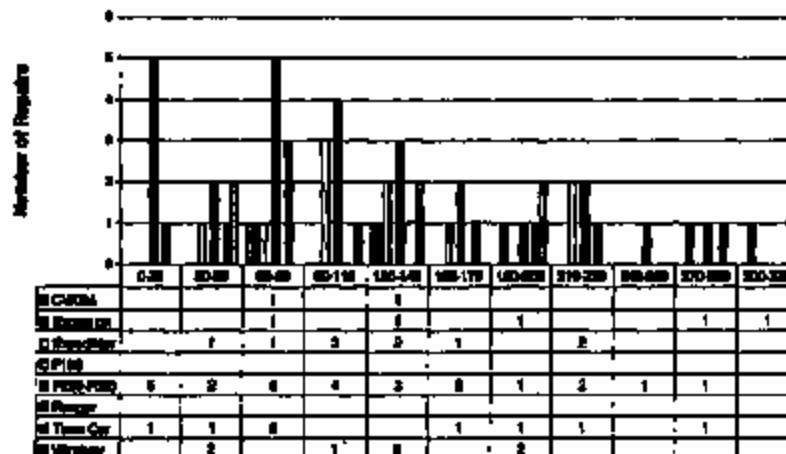


2005 TFW Buckle Replacement after 01/02/01 Buckle Replacement



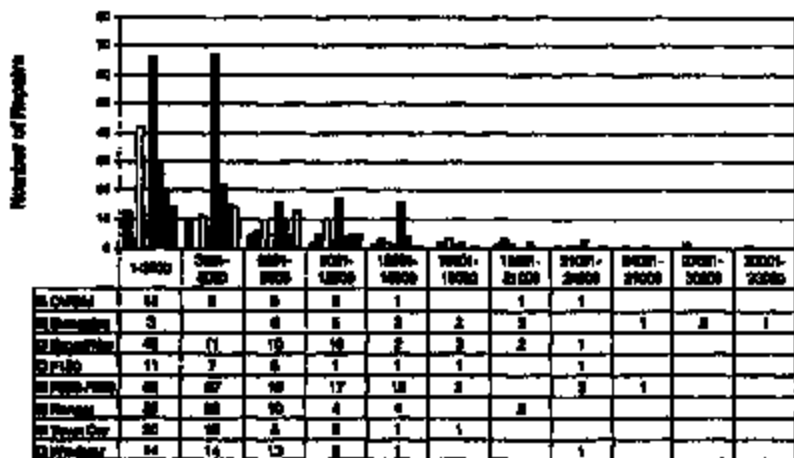
Days between inspection and Replacement

2001 TFW Buckle Replacement after 01/02/01 Buckle Replacement



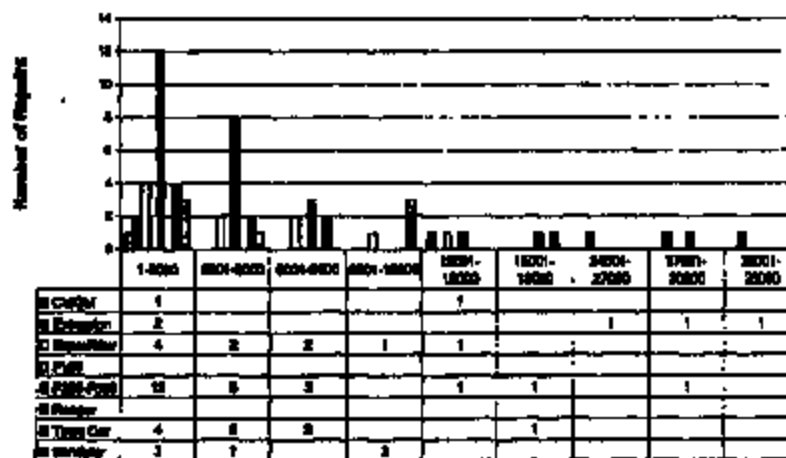
Days between inspection and Replacement

2001 TFW Buckle Replacement after 01/02/01 Buckle Replacement



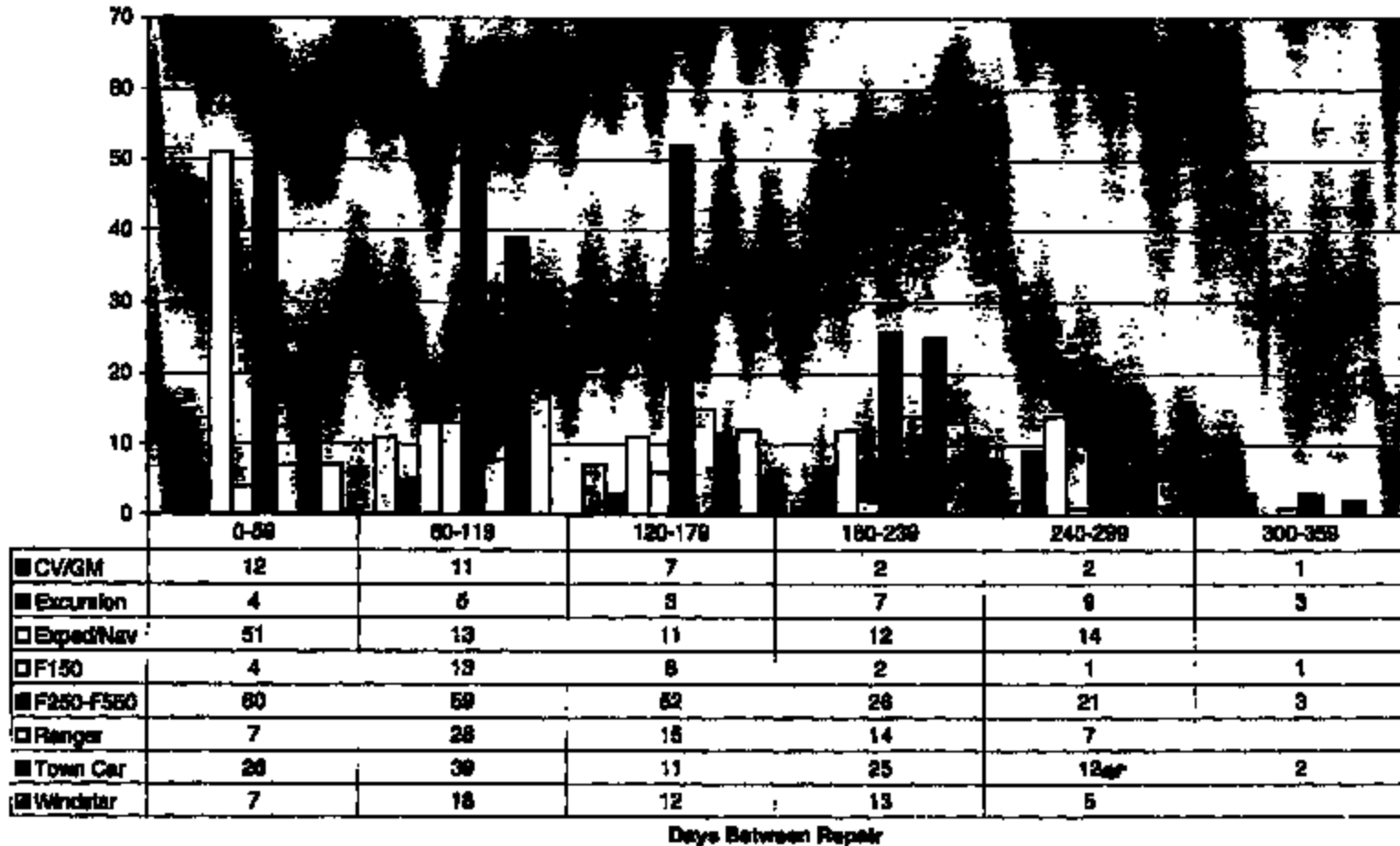
Mileage between inspection and Replacement

2001 TFW Buckle Replacement after 01/02/01 Buckle Replacement



Mileage between inspection and Replacement

2001 TRW Buckles Post 01S21

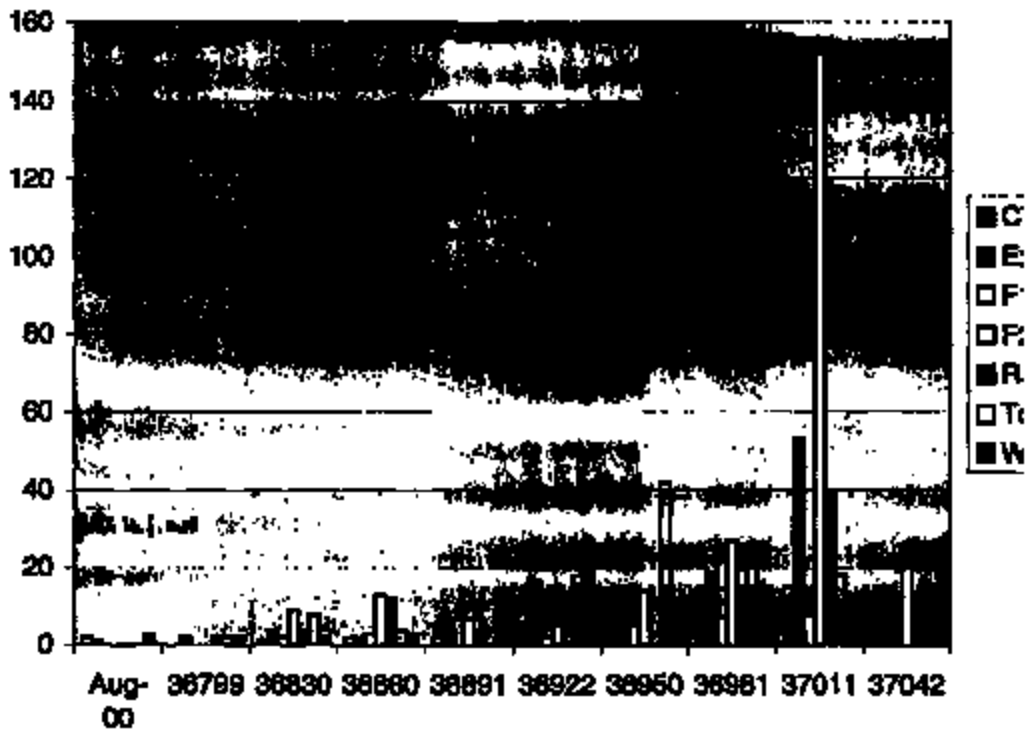


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Count of 01 Exped-New first Inspect_VIN_CD	VL Desc	Ratings				
	CV/GM	Excursion	Exped/Nav	F160	F250-F350	
OBR2						
0-59	12	4	51	4	60	
60-119	11	5	13	13	59	
120-179	7	3	11	8	52	
180-239	2	7	12	2	26	
240-299	2	8	14	1	21	
300-359	1	3		1	3	
Grand Total	35	31	101	27	221	

Ranger	Town Car	Windstar	Grand Total
7	28	7	171
28	39	18	188
15	11	12	117
14	25	13	101
7	12	5	71
	2		10
71	115	55	658

Court of D-VL Desc CV/GM	Ratings					Grand Total
	Exped/Nav F150	F250-F550 Ranger	Town Car	Windstar		
Prod Month						
Aug-00	2	1			3	6
36799		2		2	2	6
36830	1	4	2	9	4	30
36860	2	2	3	13	4	38
36891	2			7	2	20
36922	6	9	2	5	18	62
36950	3	7	5	14	42	78
36981	6	19	7	27	22	92
37011	15	53	8	152	18	290
37042	5	8		20	11	49
Grand Total	42	105	27	247	71	672





<input type="checkbox"/> CV/GM
<input checked="" type="checkbox"/> Exped/Nav
<input type="checkbox"/> F150
<input type="checkbox"/> F250-F550
<input checked="" type="checkbox"/> Ranger
<input checked="" type="checkbox"/> Town Car
<input checked="" type="checkbox"/> Windstar

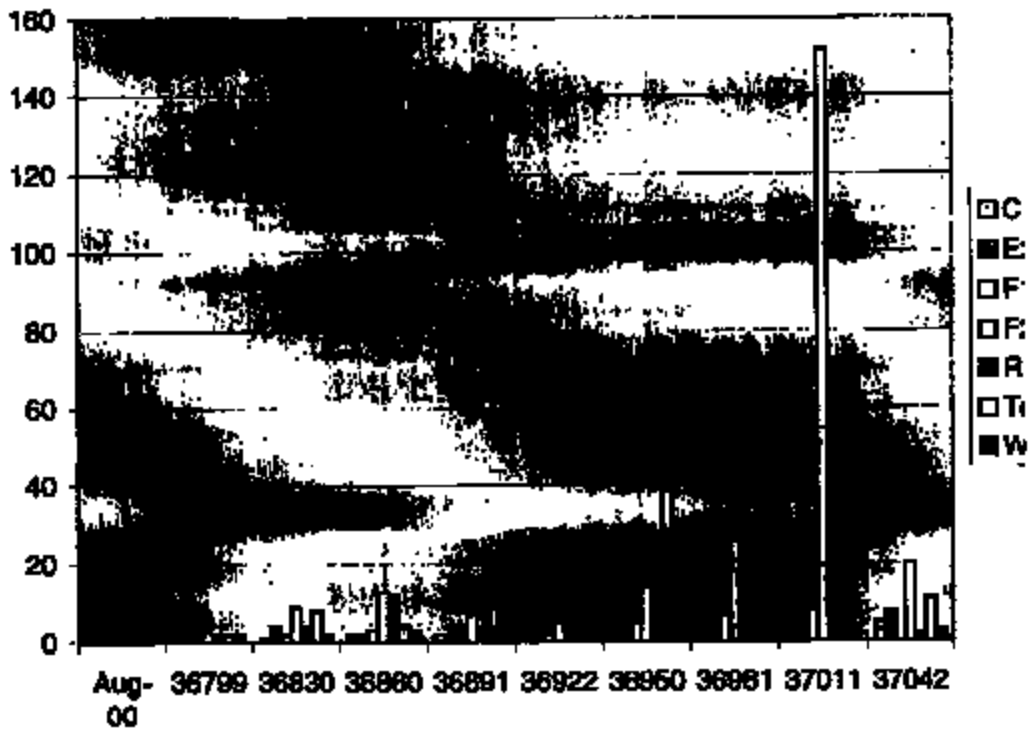
042

Count of 01 Exped-Nav first inspect_VIN_CD	VL Desc					Ratings
	CV/GM	Exped/Nav	F150	F250-F550	Ranger	
Days Between Repair						
-308-278					3	
-278-249					1	
-218-189	1				2	
-188-159					1	
-158-129						
-128-99					3	
-88-69						
-68-39	1				4	
-38-9	4				2	
-8-21	4	34			27	
22-51	9	18	4		35	8
52-81	6	6	7		30	15
82-111	5	7	6		29	13
112-141	4	5	2		29	9
142-171	3	8	4		28	8
172-201	1	4	1		18	8
202-231	1	10	1		13	9
232-261		6			9	5
262-291	1	6	1		14	2
292-321	2	3	1		2	
322-351					1	
Grand Total	42	105	27	247		71



Town Car	Windstar	Grand Total
		3
		1
		3
		1
1		1
		3
1		1
		5
5		11
14	1	80
12	8	90
22	6	91
17	11	85
8	7	64
6	7	58
11	7	46
14	8	54
2	2	24
10	3	37
2		10
		1
125	65	672

Prod Month	Count of 0-VL Deac		Ratings				Grand Totl
	CV/GM	Exped/Nav F150	F250-F550 Ranger	Town Car	Windstar		
Aug-00	2	1				3	6
36799		2		2	2	2	6
36830	1	4	2	9	4	8	30
36860	2	2	3	13	12	4	39
36891	2			7	2		20
36922	6	9	2	6	1	18	62
36950	3	7	5	14		42	76
36981	6	19	7	27	8	22	92
37011	15	53	8	152	40	18	290
37042	5	8		20	2	11	49
Grand Totl	42	106	27	247	71	125	672



of



<input type="checkbox"/> CV/GM
<input checked="" type="checkbox"/> Exped/Nav
<input type="checkbox"/> F150
<input type="checkbox"/> F250-F550
<input checked="" type="checkbox"/> Ranger
<input checked="" type="checkbox"/> Town Car
<input checked="" type="checkbox"/> Windstar

042

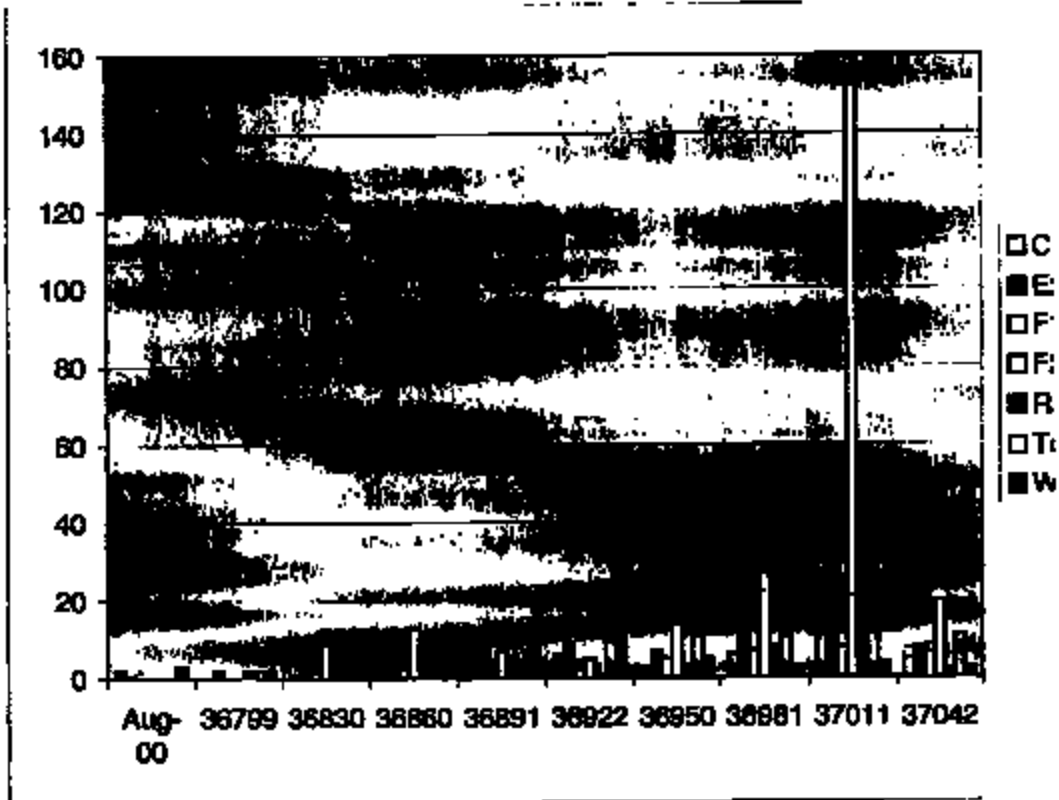


Count of 01 Exped-Nav first inspect_VIN_CD	VL Desc	Ratings			
	CV/GM	Exped/Nav	F150	F250-F350	Ranger
Days Between Repair					
-308-279				3	
-279-248				1	
-218-189	1			2	
-188-159				1	
-158-129					
-128-99				3	
-98-69					
-68-39	1			4	
-38-9	4			2	
-8-21	4	34		27	
22-51	9	18	4	35	6
52-81	6	6	7	30	15
82-111	6	7	6	29	13
112-141	4	5	2	29	9
142-171	3	8	4	28	8
172-201	1	4	1	18	6
202-231	1	10	1	13	9
232-261		6		9	5
262-291	1	8	1	14	2
292-321	2	3	1	2	
322-351				1	
Grand Total	42	105	27	247	71

Town Car	Windstar	Grand Total
		3
		1
		3
		1
1		1
		3
1		1
		5
5		11
14	1	80
12	8	80
22	5	81
17	11	88
8	7	84
8	7	58
11	7	46
14	8	64
2	2	24
10	3	37
2		10
		1
125	55	672



Count of 0' VL Desc	Ratings					Grand Total
CV/GM	Exped/Nav F150	F250-F550 Ranger	Town Car	Windstar		
Prod Month						
Aug-00	2	1			3	6
36799		2		2	2	6
36830	1	4	2	9	4	30
36860	2	2	3	13	12	44
36891	2			7	2	20
36922	6	9	2	5	1	23
36950	3	7	5	14		29
36981	6	19	7	27	8	67
37011	16	53	8	152	40	269
37042	5	8		20	2	35
Grand Tot	42	105	27	247	71	492



21



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	<input checked="" type="checkbox"/> Exped/Nav
	<input type="checkbox"/> F150
	<input type="checkbox"/> F250-F550
	<input checked="" type="checkbox"/> Ranger
	<input type="checkbox"/> Town Car
	<input checked="" type="checkbox"/> Windstar

042

Count of 01 Exped-Nav first Inspect_VIN_CD	VL Desc	Ratings				Ranger
		CV/GM	Exped/Nav	F150	F250-F550	
Days Between Repair						
-308-279					3	
-278-249					1	
-218-189	1				2	
-188-159					1	
-158-129						
-128-99					3	
-98-69						
-68-39	1				4	
-38-9	4				2	
-8-21	4		34		27	
22-51	9		18	4	35	6
52-81	8		8	7	30	15
82-111	5		7	8	29	13
112-141	4		5	2	29	9
142-171	3		8	4	28	6
172-201	1		4	1	18	6
202-231	1		10	1	13	9
232-261			8		9	5
262-291	1		8	1	14	2
292-321	2		3	1	2	
322-351					1	
Grand Total	42		105	27	247	71

Town Car	Windstar	Grand Total
		3
		1
		3
		1
1		1
		3
1		1
		5
5		11
14	1	80
12	8	90
22	5	91
17	11	88
8	7	64
8	7	58
11	7	48
14	8	54
2	2	24
10	3	37
2		10
		1
125	55	672

2 001 MY Vehicles Front Seat Belt Buckle Replaced After 01S21

Vehicle Line	Via #	Date Part Received	Date Part Shipped from ECI	ECI Results	Tech Comments
Expedition	1FMPU16L51L	[REDACTED]	Jun-02	Part pick up by John Wilson (TRW) on 7-10-02 Duplicated failure, buckle failed inspection tool	Seat belt releases while driving.
Expedition	1FMPU16L41L	[REDACTED]	Jun-02	Part pick up by John Wilson (TRW) on 7-10-02 Duplicated failure, buckle failed inspection tool	LF seat belt buckle won't buckle.
F160	2FTR007L51C	[REDACTED]	Jun-02	Part pick up by John Wilson (TRW) on 7-10-02 Duplicated failure, buckle failed inspection tool	Driver seat belt will not latch
F150	1FTRW07WB1M	[REDACTED]	Jun-02	Part pick up by John Wilson (TRW) on 7-10-02 Can't duplicate failure, passenger side out board buckle pass but center belt buckle failed inspection tool.	Replaced Seat Belt Buckle
Expedition	1FMRU18W11L	[REDACTED]	Jun-02	Part pick up by John Wilson (TRW) on 7-10-02 Duplicated failure, buckle failed inspection tool	DRIVER SEAT POSITION THE MALE END OF SAFETY BELT KEEPS POPPING OUT.
F160	3FTZF18261M	[REDACTED]	Jun-02	Part pick up by John Wilson (TRW) on 7-10-02 Duplicated failure passenger side out board buckle failed but center buckle pass inspection tool	Passenger seat buckle won't hold
F150	RQE/CQIS Report # 2FUR1001 3FTZF17W21M	[REDACTED]	Jun-02	Part pick up by John Wilson (TRW) on 7-10-02 Duplicated failure right front passenger side out board buckle failed, but center buckle passed inspection tool	Right front buckle won't latch
Expedition	1FMRU15N81M	[REDACTED]	Jun-02	Part pick up by John Wilson (TRW) Failed inspection tool	Installed new belt buckle

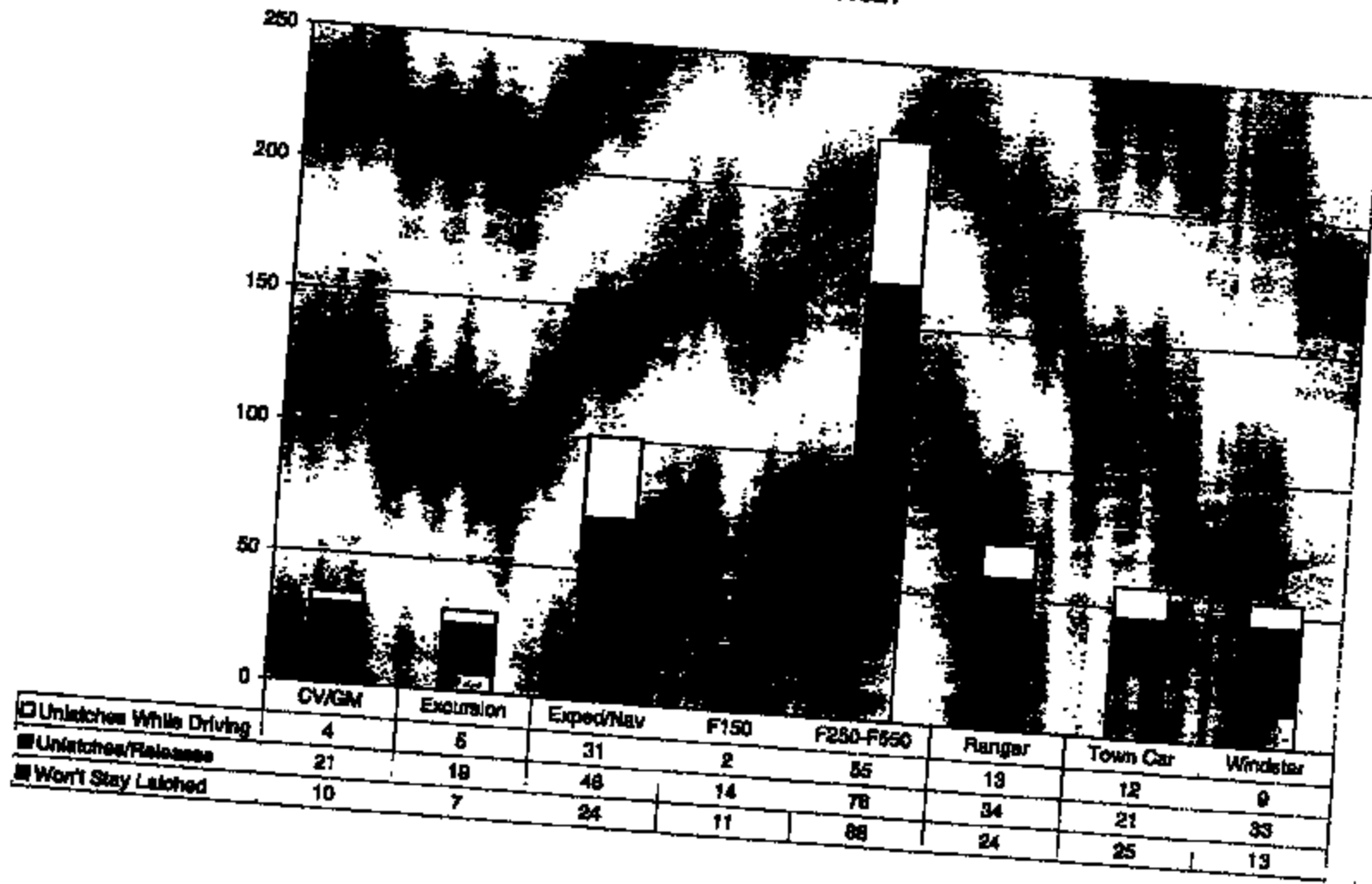
2 001 MY Vehicles Front Seat Belt Buckle Replaced After 01S21

Expedition	1FMPU16L81L	[REDACTED]	Jun-02	Part pick up by John Wilson (TRW)	Duplicated failure, failed inspection tool	Passenger seat belt unlatching
F350	1FTSX31F01E	[REDACTED]	Jul-02	Part pick up by John Wilson (TRW)	Duplicated failure, buckled inspection	Driver seat belt buckle will not latch
Ranger	1F7ZR15EX1T	[REDACTED]	Jul-02	Part pick up by John Wilson (TRW)	Duplicated failure, buckle failed inspection	Installed new belt buckle
Expedition	1FMRU16L81L	[REDACTED]	Jul-02	Part pick up by John Wilson (TRW) on 7-10-02	Duplicated failure, buckle failed inspection tool	Passenger seat buckle sticky
Expedition	1FMRU17W21L	[REDACTED]	Aug-02		Buckle passed inspection tool	Replaced Driver Seat Belt Buckle
						Note: if front belt buckles taken to medco by CPS (Charles Clement) for analysis 7/9/02

RC04-011 11310

VIN	Vehicle Line	Date 01921 performed	Passed Inspection	Date belt replaced	Mileage
1FMEU17L51L	Expedition	4/4/2002	Y		22,597
1FMEU17L61L	Expedition	8/7/2001	N	8/7/2001	82
1FMFU18L21L	Expedition	9/11/2001	Y		4585
1FMFU18L21L	Expedition	10/1/2001	Y		16,455
1FMFU18L41L	Expedition	NP		10/12/2001	10,645
1FMFU18L61L	Expedition	8/22/2001	Y	8/22/2001	11,730
1FMFU18L61L	Expedition	4/6/2002	Y	4/6/2002	24,098
1FMFU18LX1L	Expedition	1/12/2002	Y	1/12/2002	16,146
1FMFU18L11L	Expedition	12/10/2001	Y	12/10/2001	8,713
1FMFU18L21L	Expedition	8/10/2001	Y	8/10/2001	3,314
1FMFU18L51L	Expedition	8/8/2001	Y	8/8/2001	5,929
1FMFU18L61L	Expedition	4/3/2002	Y	4/3/2002	36,602
1FMFU18L81L	Expedition	11/12/2001	N	11/12/2001	11,752
1FMFU18L81L	Expedition	8/13/2001	N	8/13/2001	6,857
1FMFU18L01L	Expedition	4/13/2002	Y	4/13/2002	21,367
1FMFU18L51L	Expedition	8/14/2001	N	8/14/2001	20,029
1FMRU15L11L	Expedition	NP			
1FMRU15L11L	Expedition	4/13/2002	Y	4/13/2002	22,343
1FMRU15L51L	Expedition	4/12/2002	Y	4/12/2002	17,625
1FMRU15L61L	Expedition	8/17/2001	N	8/17/2001	2,418
1FMRU15L91L	Expedition	1/30/2002	Y	1/30/2002	10,283
1FMRU15L91L	Expedition	11/8/2001	Y	11/8/2001	12,645
1FMRU15LX1L	Expedition	NP			
1FMRU15LX1L	Expedition	9/24/2001	N	9/24/2001	3,139
1FMRU15LX1L	Expedition	9/28/2001	N	9/28/2001	5,521
1FMRU15W11L	Expedition	10/2/2001	N	10/2/2001	4,371
1FMRU15W21L	Expedition	11/13/2001	N	11/13/2001	2,455
1FMRU15W31L	Expedition	10/31/2001	Y	10/31/2001	12,580
1FMRU15W31L	Expedition	8/21/2001	N	8/21/2001	10,765
1FMRU15W31L	Expedition	NP			
1FMRU15W31L	Expedition	8/7/2001	N	8/7/2001	3,610
1FMRU15W41L	Expedition	8/7/2001	Y	8/7/2001	5,406
1FMRU15W41L	Expedition	8/15/2001	N	8/15/2001	7,296
1FMRU15W41L	Expedition	10/18/2001	N	10/18/2001	2,347
1FMRU15W61L	Expedition	9/28/2001	Y	9/28/2001	13,433
1FMRU15W81L	Expedition	3/8/2002	N	3/8/2002	8,652
1FMRU15W71L	Expedition	9/26/2001	N	9/26/2001	2,715
1FMRU15W81L	Expedition	4/23/2002	Y	4/23/2002	22,476
1FMRU15W81L	Expedition	11/8/2001	N	11/8/2001	4,186
1FMRU15W91L	Expedition	NP			
1FMRU15W91L	Expedition	8/31/2001	N	8/32/01	5939
1FMRU15W91L	Expedition	8/9/2001	N	8/6/2001	3,132
1FMRU15W91L	Expedition	NP			
1FMRU15W91L	Expedition	10/30/2001	Y	2/26/2002	4,326
1FMRU15WX1L	Expedition	12/28/2001	N	12/28/2001	13,178
1FMRU15WX1L	Expedition	11/28/2001	Y	11/28/2001	6,251
1FMRU15W51L	Expedition	1/7/2002	Y	1/7/2002	13,831

2001 TRW Buckle Post 01S21



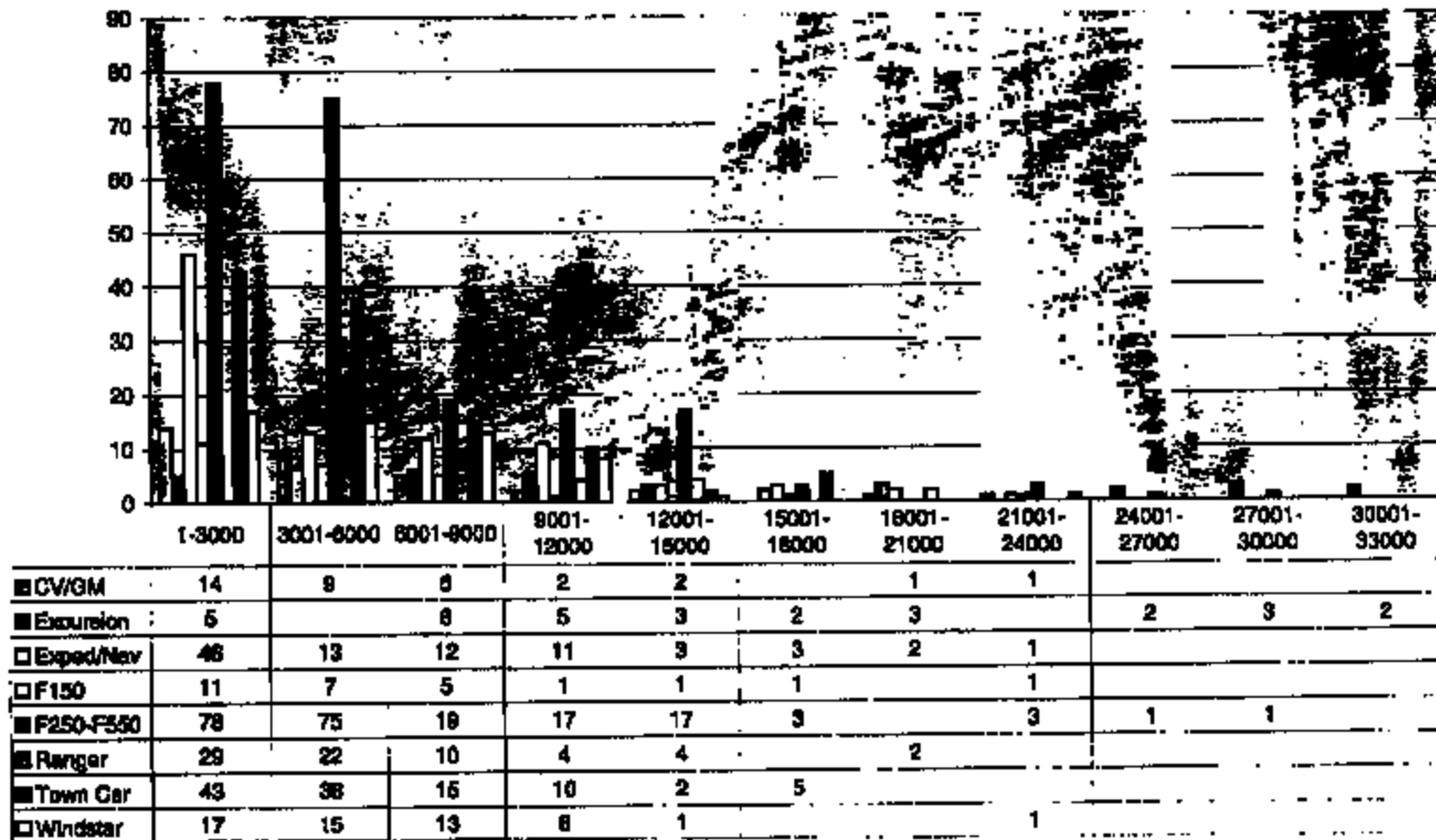
RD04-011 11320

Court of 01 Exped-Nav first Inspect VIN_CD	Ratings	
	Won't Stay Latched	Unlatches/Releases
VL Desc		
CV/GM	10	21
Excursion	7	19
Exped/Nav	24	46
F150	11	14
F250-F550	88	78
Ranger	24	34
Town Car	25	21
Windstar	13	33
Grand Total	202	268



Unlatched Whale Drawing	Grand Total
4	35
5	31
31	101
2	27
55	221
13	71
12	58
0	56
131	599

2001 TRW Buckles Post 01S21



Odometer

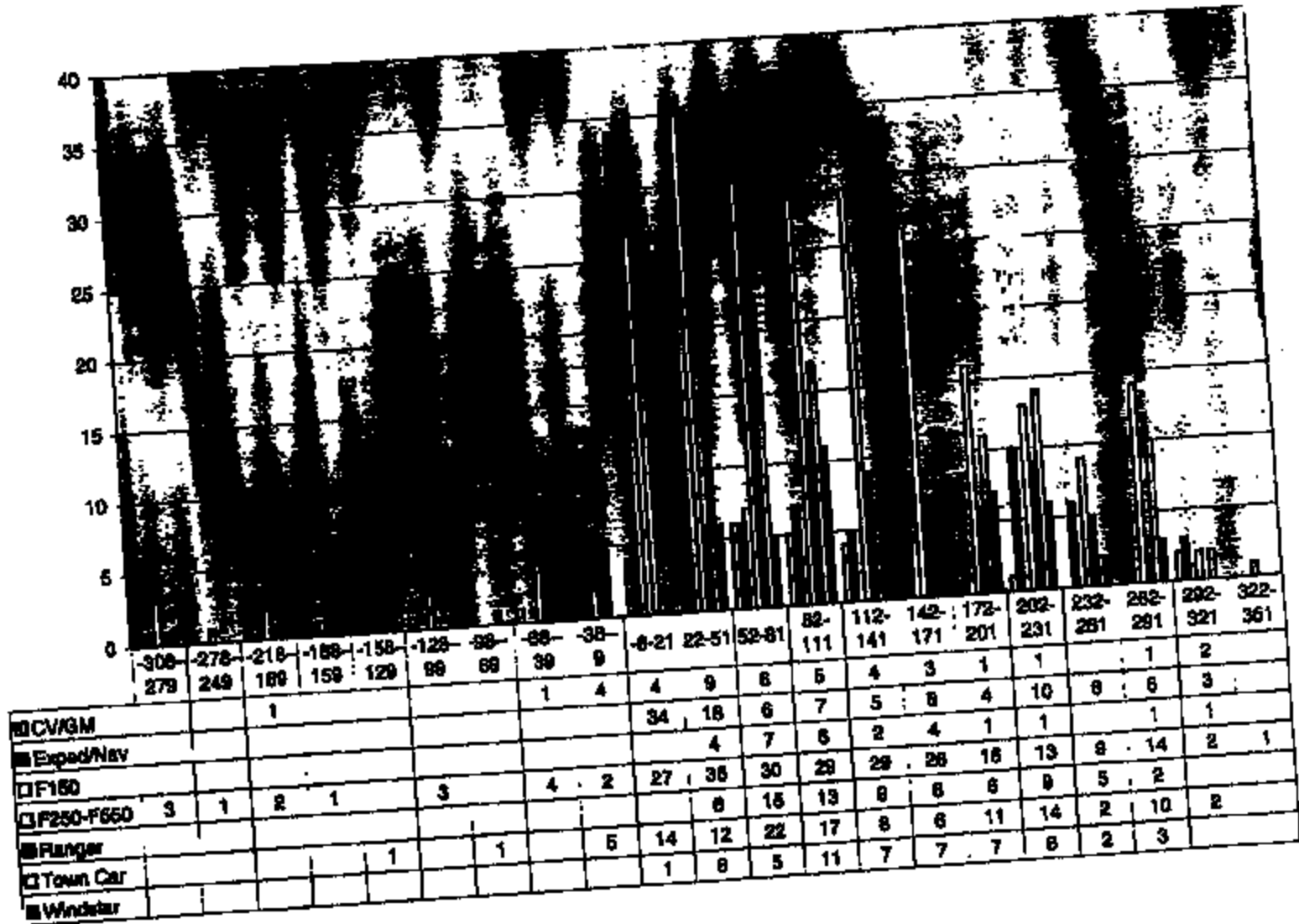
RQ04-011 11325



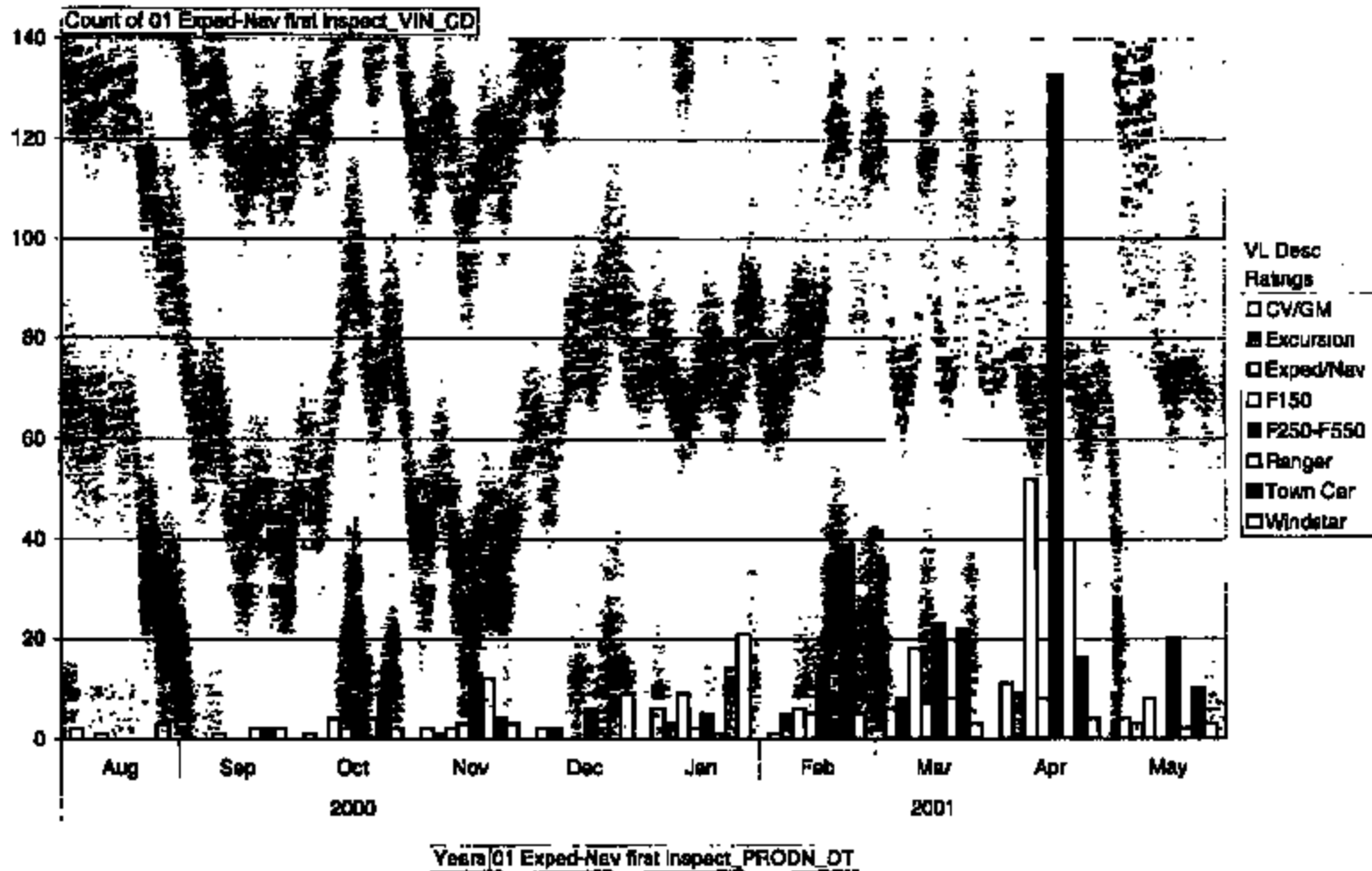
Count of 01 Exped-Nav first inspect_VIN_CD	VL Desc	Ratings			
	CY/GM	Excursion	Exped/Nav	F150	F250-F350
Miles Between Repair					
1-3000	14	5	46	11	78
3001-6000	9		13	7	75
6001-9000	5	6	12	5	18
9001-12000	2	5	11	1	17
12001-15000	2	3	3	1	17
15001-18000		2	3	1	3
18001-21000	1	3	2		
21001-24000	1		1	1	3
24001-27000		2			1
27001-30000		3			1
30001-33000		2			
Grand Total	34	31	91	27	214



Ranger	Town Car	Windstar	Grand Total
29	43	17	243
22	38	15	179
10	18	13	85
4	10	8	58
4	2	1	33
	5		14
2			8
		1	7
			3
			4
			2
71	113	55	636

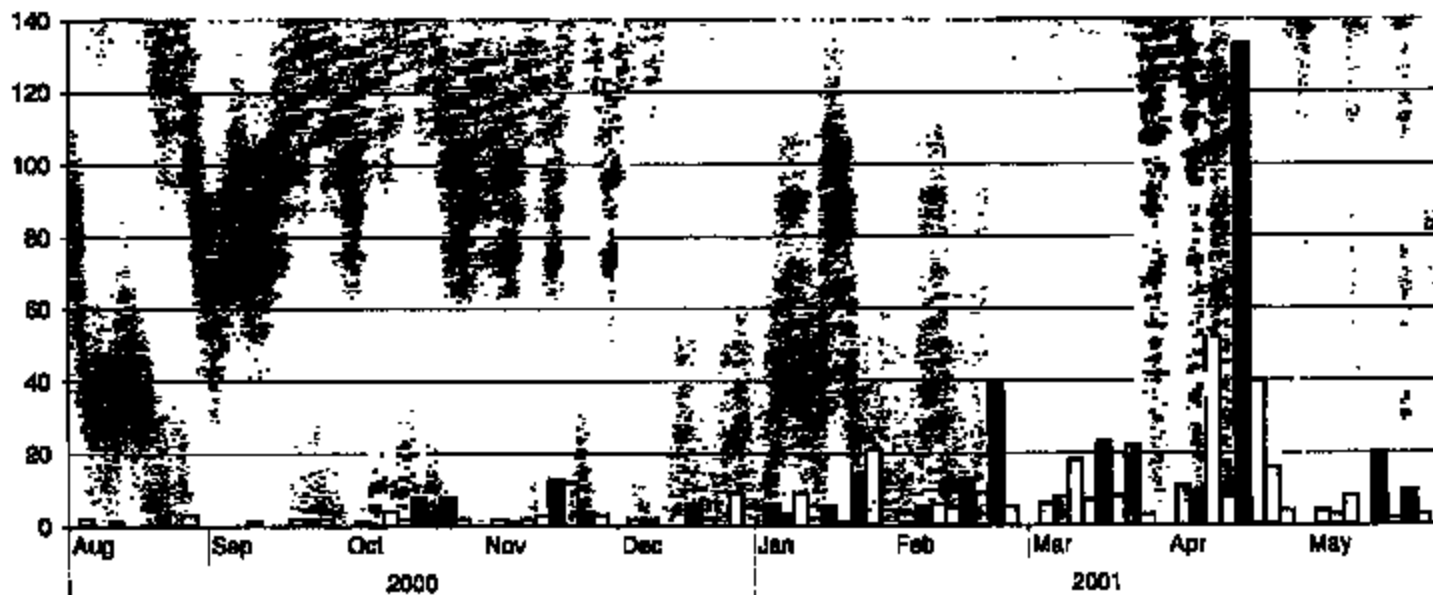


RC04-011 11316



RC004-014 11398

2001 TRW Buckles Post 01S21



	2000					2001				
	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May
□ CV/GM	2		1	2	2	6	1	6	11	4
▣ Excursion				1	2	3	5	6	9	3
□ Exped/Nav	1	1	4	2		9	6	18	52	8
□ F150			2	3		2	6	7	8	
■ F250-F350			8	13	6	5	13	23	133	20
□ Ranger		2	4	12	2	1		8	40	2
■ Town Car		2	8	4		14	39	22	16	10
□ Windeler	3	2	2	3	8	21	6	9	4	3

Month of Production

RQ04-011 11317



Count of 01 Exped-Nav first inspect_VIN_CD		VL Desc
Years	01 Exped-Nav first inspect_PROD DT	CV/GM
2000	Aug	2
	Sep	
	Oct	1
	Nov	2
	Dec	2
2001	Jan	6
	Feb	1
	Mar	6
	Apr	11
	May	4
Grand Total		35



Ratings							
Excursion	Exped/Nav	F150	F250-F550	Ranger	Town Car	Windstar	Grand Total
	1					3	6
	1			2	2	2	7
	4	2	8	4	6	2	29
1	2	3	13	12	4	3	40
2			5	2		9	21
3	8	2	5	1	14	21	61
5	6	5	13		39	5	74
8	18	7	23	8	22	3	95
9	52	8	133	40	16	4	273
3	8		20	2	10	3	50
31	101	27	221	71	115	55	656

1FMRU16W51L	Expedition	8/12/2001	Y		2
1FMRU16W51L	Expedition	11/1/2001	Y		2,401
1FMRU16W81L	Expedition	7/27/2001	N	7/27/2001	4,508
1FMRU16WX1L	Expedition	N/P			
1FMRU17L51LE	Expedition	7/30/2001	N	7/30/2001	4,508
1FMRU17L71LE	Expedition	9/10/2001	N	9/10/2001	3,990
1FMRU17LX1LA	Expedition	8/22/2001	Y	8/22/2001	13,065
1FMRU17W41L	Expedition	8/3/2001	N	8/3/2001	4,287
1FMRU17W81L	Expedition	11/30/2001	N	11/30/2001	4,383
1FMRU17W81L	Expedition	N/P			
1FMRU17W91L	Expedition	4/5/2002	Y	4/5/2002	5,369
1FMRU17W91L	Expedition	1/17/2002	Y		8,703
5LMEU27R41	Navigator	8/3/2001	N	8/3/2001	185
5LMEU28R11	Navigator	7/17/2001	N	7/17/2001	6
5LMEU28R41	Navigator	N/P	N	11/7/2001	11,895
5LMEU28R41	Navigator	7/18/2001	N	7/18/2001	3
5LMEU28R81	Navigator	N/P			
1FMRU17LX1	Expedition	1/20/2002	Y		8,060
1FMRU15W61	Expedition	N/P			
1FMRU15W41	Expedition	11/24/2001	N	11/24/2001	9,984
1FMRU18L21L	Expedition	9/11/2001	Y	9/11/2001	4,585
1FMRU17W91	Expedition	10/17/2001	N	10/17/2001	3,370
1FMRU15W51	Expedition	8/10/2001	Y		3,745
1FMRU16W61	Expedition	11/5/2001	Y		17,888
1FMRU17L81L	Expedition	10/9/2001	Y		7,255
1FMRU17L11L	Expedition	9/17/2001	N	9/17/2001	8,003
1FMRU15L11L	Expedition	9/17/2001	Y	9/17/2001	2,674
1FMRU18L41L	Expedition	N/P			
1FMRU15W11	Expedition	10/2/2001	N	10/2/2001	437
1FMRU16L11L	Expedition	8/23/2001	N	8/23/2001	4668
5LMEU27R01L	Navigator	7/25/2001	Y		10,909
5LMEU27R01L	Navigator	8/27/2001	N	8/27/2001	4,187
1FMRU16L51L	Expedition	8/31/2001	N	8/31/2001	7,916
1FMRU15W71	Expedition	8/3/2001	N	8/3/2001	2,806
1FMRU15W41	Expedition	7/30/2001	N	7/30/2001	2,773
1FMRU16L71	Expedition	8/15/2001	N	8/15/2001	2,239
1FMRU18L31	Expedition	8/8/2001	N	8/8/2001	12,879
1FMRU16L81	Expedition	8/3/2001	N	8/3/2001	6,697
1FMRU18L21L	Expedition	8/7/2001	N	8/7/2001	7,686
1FMRU15W31	Expedition	8/7/2001	N	8/7/2001	3,610
1FMRU16W91	Expedition	7/26/2001	N	7/26/2001	3,225
1FMRU15W81	Expedition	8/7/2001	N	8/7/2001	3,780
1FMRU16W91	Expedition	4/8/2002	Y		3,654
1FMRU16L51L	Expedition	10/2/2001	N	10/2/2001	81,070

5LMEU27A91	Navigator	N/P			
1FMRU17L51	Expedition	7/31/2001	N	7/31/2001	12,044
1FMRU17W11	Expedition	7/31/2001	N	7/31/2001	3,368
1FMRU16W21	Expedition	7/16/001	N	7/16/2001	3,306
5LMEU27R11	Navigator	7/27/2001	N	7/27/2001	1,804
1FMRU15W31	Expedition	7/20/2001	N	7/20/2001	589
1FMPU18L31	Expedition	7/26/2001	N	7/26/2001	2,203
1FMRU16W21	Expedition	2/8/2002	Y	2/8/2002	8,537
1FMRU15W31	Expedition	9/20/2001	Y		12,302
1FMPU18LX1	Expedition	7/17/2001	Y		1,862
1FMRU15W31	Expedition	3/20/2002	Y		19,298
1FMRU17L61	Expedition	N/P			
1FMRU17L81	Expedition	N/P			
5LMPU26R41L					
5LMPU26R41L	Navigator	N/P			
1FMEU17L21					
1FMEU17L21	Expedition	7/20/2001	Y	7/20/2001	742
1FMRU16W81					
1FMRU16W81	Expedition	4/10/2002	N	4/10/2002	4,321
1FMRU17L81L					
1FMRU17L81L	Expedition	3/8/2002	N	3/8/2002	11,798
1FMRU15W01					
1FMRU15W01	Expedition	10/24/2001	Y	12/5/2001	2,800
1FMPU18L71					
1FMPU18L71	Expedition	11/27/2001	N	11/27/2001	11,121
1FMRU17L61					
1FMRU17L61	Expedition	11/8/2001	N	11/8/2001	7,826
1FMPU18L31					
1FMPU18L31	Expedition	10/22/2001	N	10/22/2001	14,579
5LMPU26AX1					
5LMPU26AX1	Navigator	N/P			
1FMRU15W51L					
1FMRU15W51L	Expedition	9/29/2001	N	9/29/2001	2,257
1FMRU15LX1					
1FMRU15LX1	Expedition	9/24/2001	N	9/24/2001	3,136
1FMRU18W91					
1FMRU18W91	Expedition	10/23/2001	Y		22,089
1FMRU15L01L					
1FMRU15L01L	Expedition	8/20/2001	N	8/20/2001	7,982
1FMEU17L01L					
1FMEU17L01L	Expedition	8/28/2001	N	8/28/2001	1,926
1FMRU17W41					
1FMRU17W41	Expedition	8/10/2001	N	8/10/2001	5,539
1FMRU17LX1					
1FMRU17LX1	Expedition	8/14/2001	N	8/14/2001	10,229
5LMEU27R81					
5LMEU27R81	Navigator	9/5/2001	Y		1,551
1FMRU15LX1					
1FMRU15LX1	Expedition	8/8/2001	Y		2,774
1FMRU17L31					
1FMRU17L31	Expedition	10/8/2001	Y		1,758
1FMRU15W21L					
1FMRU15W21L	Expedition	8/11/2001	N	8/11/2001	6,014
1FMPU16L01					
1FMPU16L01	Expedition	10/20/2001	N	10/20/2001	3,159
1FMRU15L01					
1FMRU15L01	Expedition	7/18/2001	N	7/18/2001	7,487
1FMRU16W91					
1FMRU16W91	Expedition	7/26/2001	N	7/26/2001	744
1FMRU15W21					
1FMRU15W21	Expedition	10/15/2001	Y		6,240
1FMPU18L91L					
1FMPU18L91L	Expedition	9/19/2001	N	9/19/2001	6,557
1FMRU15W11					
1FMRU15W11	Expedition	7/30/2001	N	7/30/2001	1,951
1FMRU16L31L					
1FMRU16L31L	Expedition	8/14/2001	N	8/14/2001	8,437
1FMRU15W51L					
1FMRU15W51L	Expedition	7/30/2001	N	7/30/2001	3,336
1FMRU16W21L					
1FMRU16W21L	Expedition	4/16/2002	Y		22,072
1FMRU17L91					
1FMRU17L91	Expedition	8/1/2001	N	8/1/2001	1,413
1FMRU17W31					
1FMRU17W31	Expedition	N/P		7/2/2001	1,610
1FMRU15L11					
1FMRU15L11	Expedition	9/26/2001	Y		2,708
1FMRU16W81					
1FMRU16W81	Expedition	7/17/2001	N	7/17/2001	2,884
1FMPU18L61L					
1FMPU18L61L	Expedition	7/16/2001	N	7/16/2001	12,606
1FMRU15L51L					
1FMRU15L51L	Expedition	7/16/2001	Y		9,465

1FMRU15W51L	Expedition	7/23/2001	Y		18,442
1FMRU17WX1L	Expedition	N/P		7/23/2001	1,012
1FMPU18L71	Expedition	7/26/2001	N	7/28/2001	8,525
1FMRU15W51L	Expedition	7/21/2001	Y		8,003
1FMEU15W11L	Expedition	8/8/2001	Y	8/8/2001	9,609
1FMRU15L81L	Expedition	9/6/2001	Y		7,628
1FMRU16W81L	Expedition	2/15/2002	N	2/15/2002	6,783
1FMRU15W41L	Expedition	9/4/2001	Y		13,688
1FMRU16W91L	Expedition	8/22/2001	N	8/22/2001	3,852
1FMRU15W81L	Expedition	8/21/2001	N	8/21/2001	3,036
<hr/>					
1FMPU18L01L	Expedition	N/P			
1FMRU15W31L	Expedition	8/23/2001	Y		11,434
1FMEU15W01L	Expedition	7/31/2001	N		4181
1FMRU16W81L	Expedition	7/27/2001	N	7/27/2001	4,508

TRN IQ M₃

RQ04-011 11047

Buckle Base

1-2-82 4:00

RQ04-011 11048

RNS 46

RZAP

NOV 1

1963

RQ04-011 11049

TRN Double FASS

2

4

1

RQ04-011 11050

E-mail - Dave Matlock

RC04-011 11051

11/4 11/11

RC004-011 11052

~~Don~~ *W. J. J. J.*

RC04-011 11063

RQ84-011 11054

Lawrence R. ...

2010/18

From: Patel, Bharat (B.J.)
Sent: Thursday, June 07, 2001 12:26 PM
To: Philip, Abraham (A.G.); Morphew, Lorraine (L.M.); Nacowicz, Roy (R.A.); Landis, Leonard (L.A.); Sweeney, Stephanie (S.L.)
Subject: RE: Experiment Data



TRW Buckle
No-Latch Issue Sort.

Here is the combined file comparing data of Ford Operators vs. TRW operators.

Abe, please copies to meeting this afternoon.

BHARAT J. PATEL

North American Car (NAC) Critical Concern Manager

bpatel7@ford.com; Cube Loc.: 24H39

Phone: 313-248-6312; Fax: 313-621-4571; Text Pager: 1-888-442-0837

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

From: Philip, Abraham (A.G.)
Sent: Thursday, June 07, 2001 10:03 AM
To: Morphew, Lorraine (L.M.); Nacowicz, Roy (R.A.); Landis, Leonard (L.A.); Sweeney, Stephanie (S.L.); Patel, Bharat (B.J.)
Cc: Philip, Abraham (A.G.)
Subject: Experiment Data

I am forwarding to you the file containing the data from the mini-experiment we performed on 18 Windstars in the Pilot Plant on 6/5/01. **Please do not forward this to TRW as I have not heard from them yet on their test of these buckles.** Please let me know if you have any questions. Thanks!

<< File: TRW Buckle No-Latch Issue Sort Matrix.xls >>

Abraham Philip

Occupant Safety Systems
Bldg #2, Cube: 23P37
email: aphilip@ford.com

Phone: 694-1134
Fax: 248-1288
Pager: 851-1388

**TAW BUCKLE NO-LATCH ISSUE
SORT EXPERIMENT WITH MINMAX TONGUE**

Ford Operators

TRW Operators

Order	VIN #	Operator #1		Operator #2		Operator #3		Operator #4		Comments			
		Driver	Passenger	Driver	Passenger	Driver	Passenger	Driver	Passenger				
1	B71721	FFFF	PPPP	FFFF	PPPP	FFFF	PPPP	FFFF	PPPP	Driver buckle - Button stays below	B71721	Bad	Good
2	B71722	PPPP	PPPP	PPPP	PPPP	PPPP	PPPP	PPPP	PPPP		B71722	Good	Good
3	B71714	PPPP	Removed	PPPP	Removed	PPPP	Removed	PPPP	Removed		B71714	Good	Good
4	B83479	PPPP	PPPP	PPPP	PPPP	PPPP	PPPP	PPPP	PPPP		B83479	Good	Good
5	B71722		FFFF		FFFF		FFFF		FFFF		B71722	Good	Good
6	B78671										B78671	Good	Good
7	B78684	PPPP	PPPP	PPPP	PPPP	PPPP	PPPP	PPPP	PPPP	Pass buckle - Latch window stayed down	B78684	Bad	Good
8	B78688	FFFF		FFFF		FFFF		FFFF			B78688	Bad	Good
9	B78673	PPPP	PPPP	PPPP	PPPP	PPPP	PPPP	PPPP	PPPP		B78673	Good	Good
10	B78687	PPPP	PPPP	PPPP	PPPP	PPPP	PPPP	PPPP	PPPP		B78687	Bad	Good
11	B78674	PPPP	PPPP	PPPP	PPPP	PPPP	PPPP	PPPP	PPPP		B78674	Bad	Good
12	B78719	PPPP	PPPP	PPPP	PPPP	PPPP	PPPP	PPPP	PPPP		B78719	Good	Good
13	B71716									Driver buckle - no latch sound & button stays down with min/max tongue inserted backwards (buckle passes)	B71716	Bad	Good
14	B71717	PPPP	PPPP	PPPP	PPPP	PPPP	PPPP	PPPP	PPPP		B71717	Bad	Good
15	B71728	PPPP	PPPP	PPPP	PPPP	PPPP	PPPP	PPPP	PPPP		B71728	Good	Good
16	A00004									Driver buckle - Button stays below	A00004	Bad	Good
17	A00008	PPPP	FFFF	PPPP	FFFF	PPPP	FFFF	PPPP	FFFF		A00008	Good	Good
18	B82004	PPPP	PPPP	PPPP	PPPP	PPPP	PPPP	PPPP	PPPP		B82004	Good	Good

Operator position
 Operator 1 - Latching into car from driver side
 Operator 2 - Seated in passenger seat
 Operator 3 - Seated in driver seat
 Operator 4 - Latching into front row from 2nd row

Codes
 P = Pass
 F = Fail

SUMMARY
 Total Buckles Reviewed: 28
 Number of Buckles that Passed: 15
 Number of Buckles that Failed: 21
 Failure Rate: 58.3%

~~CONFIDENTIAL~~

Buckle Inspection Data

Assembly Plants	Buckles Checked	No. of Rejects	Reject Rate	Comments
Norfolk	8819	1462	15.2	Through 6/5
TCAP	5382	240	4.5	Through 6/5
MTP	10314	1068	10.2	As of Day shift ending 6/5
EAP	5312	219	4.1	Through 6/5
OTP	922	95	10.3	5/29 3rd shift & 5/30 2nd shift
OTP	1834	245	13.4	5/31 to 6/3
Oakville	656	47		5/29 Night Shift
Oakville	612	17		5/30 Day Shift
Oakville	26	3	12.0	31-May
Oakville	1860	400		29-May
Windstar	548	104	18.0	27-May
KCAP	5340	386	7.2	Through 6/2
KTP	12516	16	0.1	Through 6/2
CUAP	3488	258	7.5	Through 6/30
STAP/Lear Plants	17330	948		Through 6/30
Wbom	1748	4		5/26 - 5/28
Total	77683	5311	7.1	

Seat Plants

Vismon Chesterfield				
FH146	6169	1	0.02	Through 6/4
UM83	2882	24	0.9	Through 6/4
L222/228	33	0	0	Through 6/1
Oakville Lear Seat	3641	23		1-Jun
Oakville Lear Seat	1974	10	0.5	31-May
Oakville Lear Seat	1624	0	0	30-May
Oakville Lear Seat	952	3		29-May
Total	18865	61	0.4	

BUZ 19226

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