

PE03-044
FORD
5/13/2005
APPENDIX I
BOOK 15 OF 28
PART 1 OF 4

From: Beuckelaers, Phillip (P.R.)
Sent: Thursday, April 28, 2001 10:34 AM
To: Petruskas, Lisa (L.E.)
Subject: FW: Agenda/Pro-Forma for the Friday FEU Issues Meeting

Lisa,
The launch team is looking for write up to review at 2:00 today.

Phillip R. Beuckelaers
Super Duty/Excursion OPD
(313) 317-2345
pbeuckel@ford.com

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

From: Ankenbauer, Neil (N.D.)
Sent: Thursday, April 26, 2001 9:03 AM
To: Chevis, Cory (C.J.); Stanton, Richard (R.A.); Worrall, Ross (R.A.); Burdette, Dave (D.W.); Pulella, Ananth (A.); Beuckelaers, Phillip (P.R.); 'woody@visteon.com'; Montes, Jhannel (J.); Stanton, Lisa Jones- (L.J.); Bennett, Tom (T.B.); 'plecki@visteon.com'; Williams, Pete (P.J.); Weems, Joe (J.)
Cc: Brown, Lyrel (L.D.); Lee, Cherrianne (C.J.); Cough, Randy (R.J.); Sabol, David (D.A.)
Subject: Agenda/Pro-Forma for the Friday FEU Issues Meeting

Please use the attached Powerpoint file for your issues, pages 3-4 show the proper format required — Issue/Resolution/Timing.

Please have your copies (10) avl for the 2:00 meeting in the launch area today, have the updated file turned into Lyrel by 5:00pm this afternoon.

NO New Issues should be addressed in the Friday meeting -- bring it all to the table today.

Thanks



FEU gateway
1b.ppt

2002 FUR REPAIRS

The following information is provided for your reference. It is intended to assist you in understanding the requirements for the repair of damaged furs. This information is not intended to constitute a contract and should not be relied upon as such. The actual terms and conditions of any repair work shall be governed by the terms and conditions of the contract or invoice issued by the repairer.

The repairer shall be responsible for the safekeeping of the furs during the repair process. The repairer shall also be responsible for the return of the furs in a condition that is as good as or better than when they were received. The repairer shall also be responsible for the return of the furs in a timely manner.

The repairer shall be responsible for the cost of the repair work. The repairer shall also be responsible for the cost of any materials used in the repair process. The repairer shall also be responsible for the cost of any shipping and handling charges.

The repairer shall be responsible for the return of the furs in a condition that is as good as or better than when they were received. The repairer shall also be responsible for the return of the furs in a timely manner.

AGENDA

I. Major Issues

1. **Adjustable Pedals**
Foot-warmer work-plan/B saleable parts
Brake Pedal Noise Workplan
T. Bennett/R. Worrall
P. Beuckelaere
2. **VCP Plan to Support Job #1**
D. Burdette
3. **Multi-Functional Switch**
Retrofit Status of 1PP's
FEU/PSW Plan
J. Montes
4. **Cluster impact on EOL/FEU Plan**
R. Woody/P. Leek
5. **Color Readiness Retrofit of 1PP/FEU Support**
C. Chavis
6. **Grab Handle-Vanity Mirror Jury Evaluation Results**
L. Stanton/J. Weems

2002 Significant Issues

Color

- Issue: Retrofit two 1PP vehicles with approved color parts prior to FEU build.

- Resolution: 2EA00046-P131, Flint
2EA00050-U137, Med. Parchment
- Timing: IPD: 4/25
Trial: 4/27
Review: 4/30

2002 Significant Issues

Color

■ Issue: Color Harmony for FEU

- Resolution: Color Harmony performed on 3 P131 units and 2 U137 Units. Review scheduled for 5/18/01
- The following parts will be saleable but will not be Color PSW for FEU:
 - Door Switch Bezel, Alps: Color PSW IB
 - Steering Column Shroud, Injectronics: Color PSW IB

Appendix

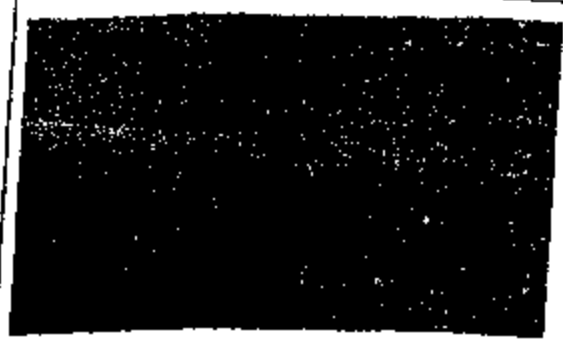
Reflected light micrographs of all tracks on the specimens examined. Note: The top and bottom of the tracks are visible so track width can be used to calibrate the magnification of the images.



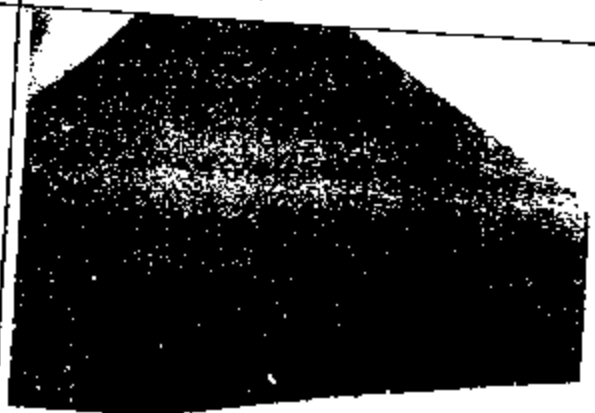
Track 3-C



Track 3-R



Track 1-C



Track 1-R

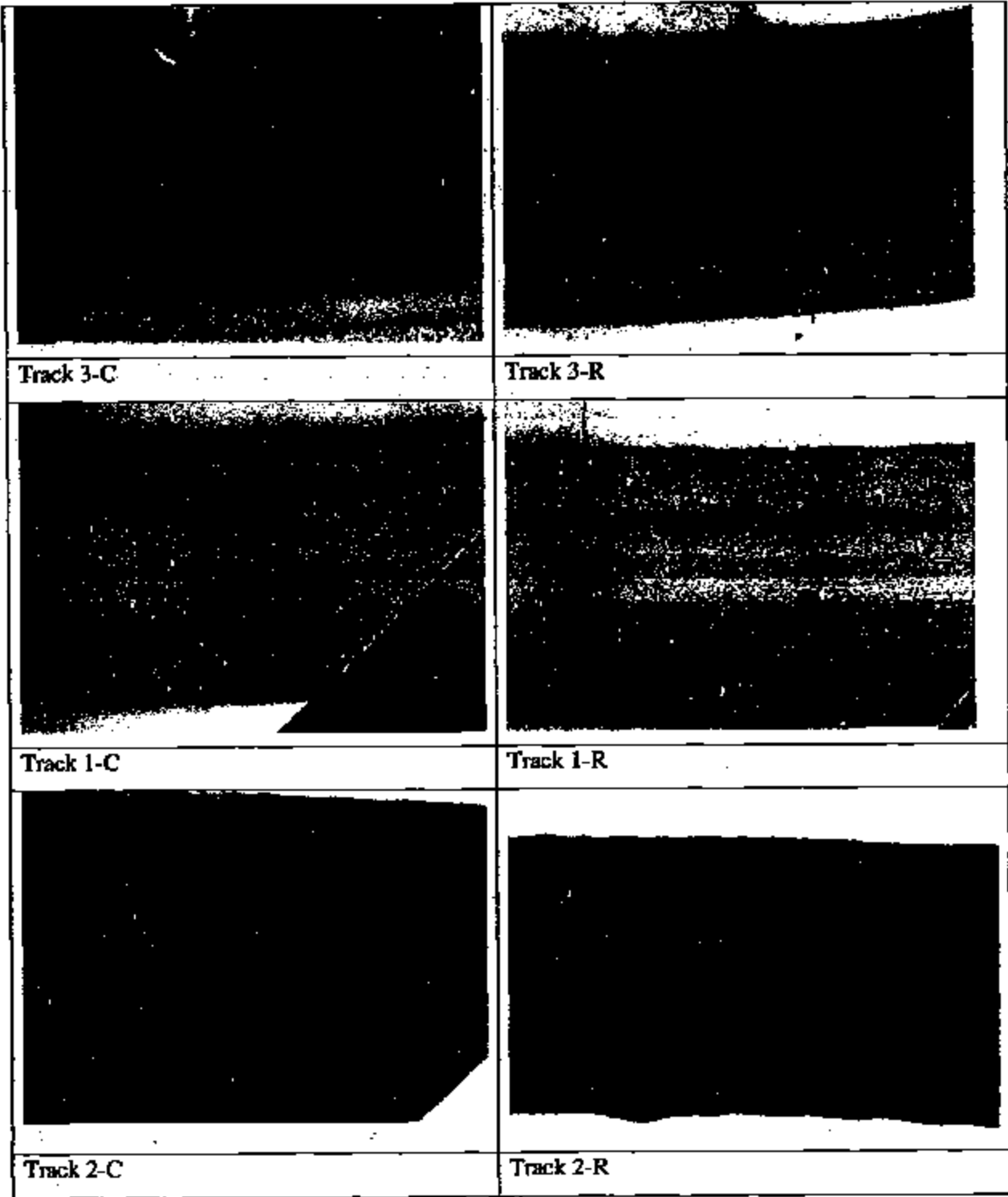


Track 2-C




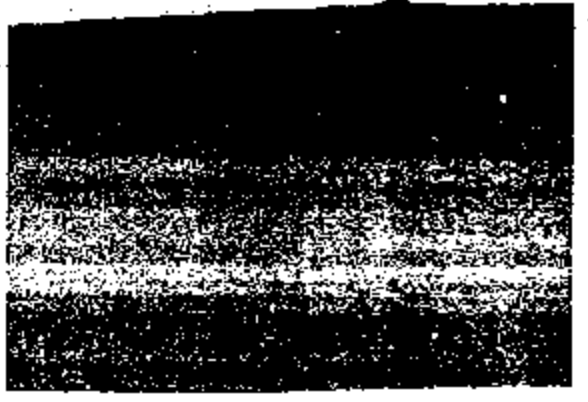




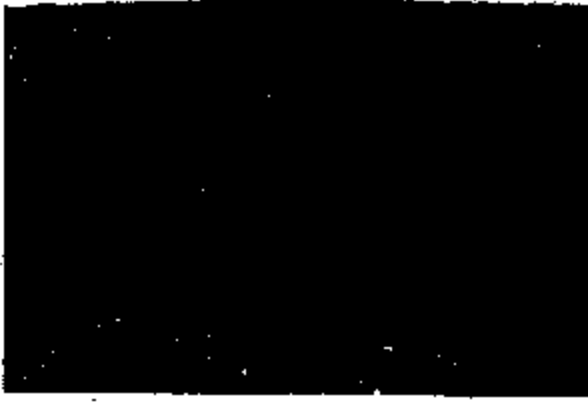

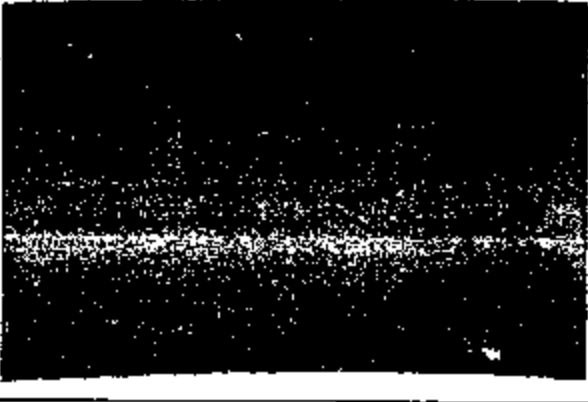



Track 2-R

DEW

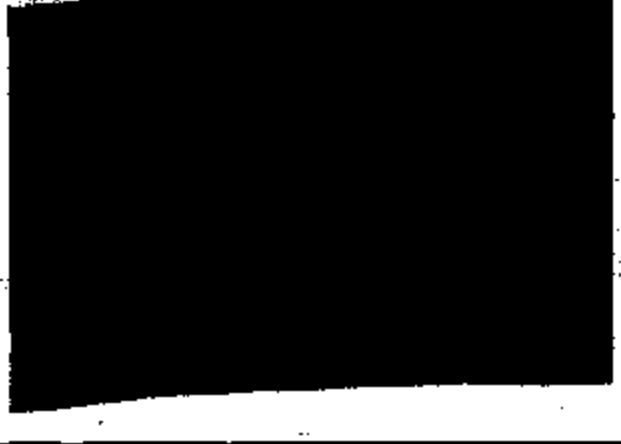
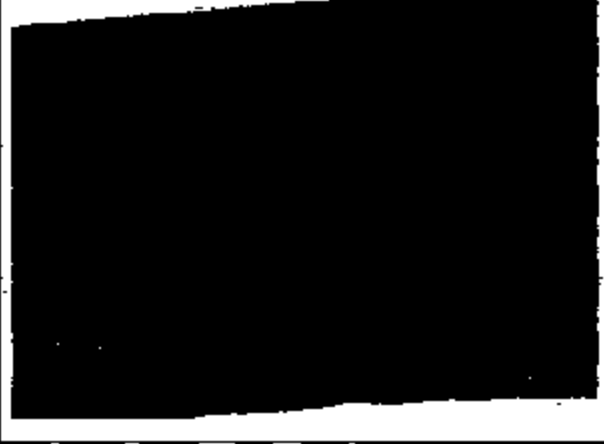



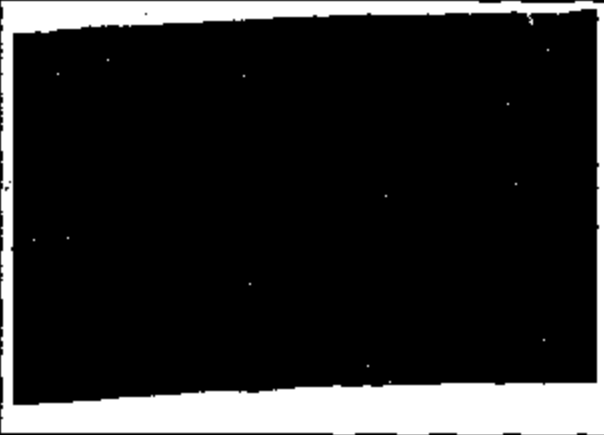




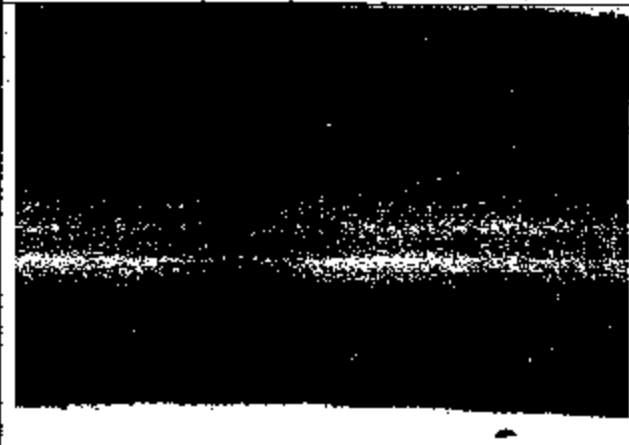
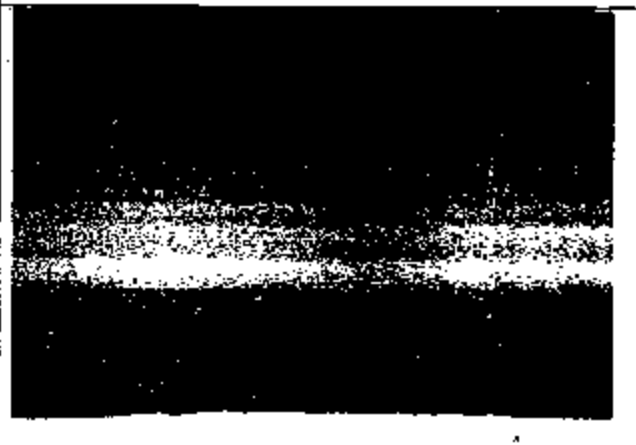

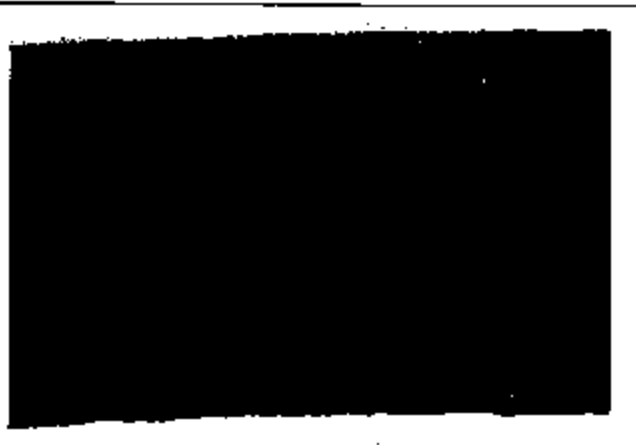
001

	
Track 3-C	Track 3-R
	
Track 1-C	Track 1-R
	
Track 2-C	Track 2-R

	
Track 3-C	Track 3-R
	
Track 1-C	Track 1-R
	
Track 2-C	Track 2-R

046

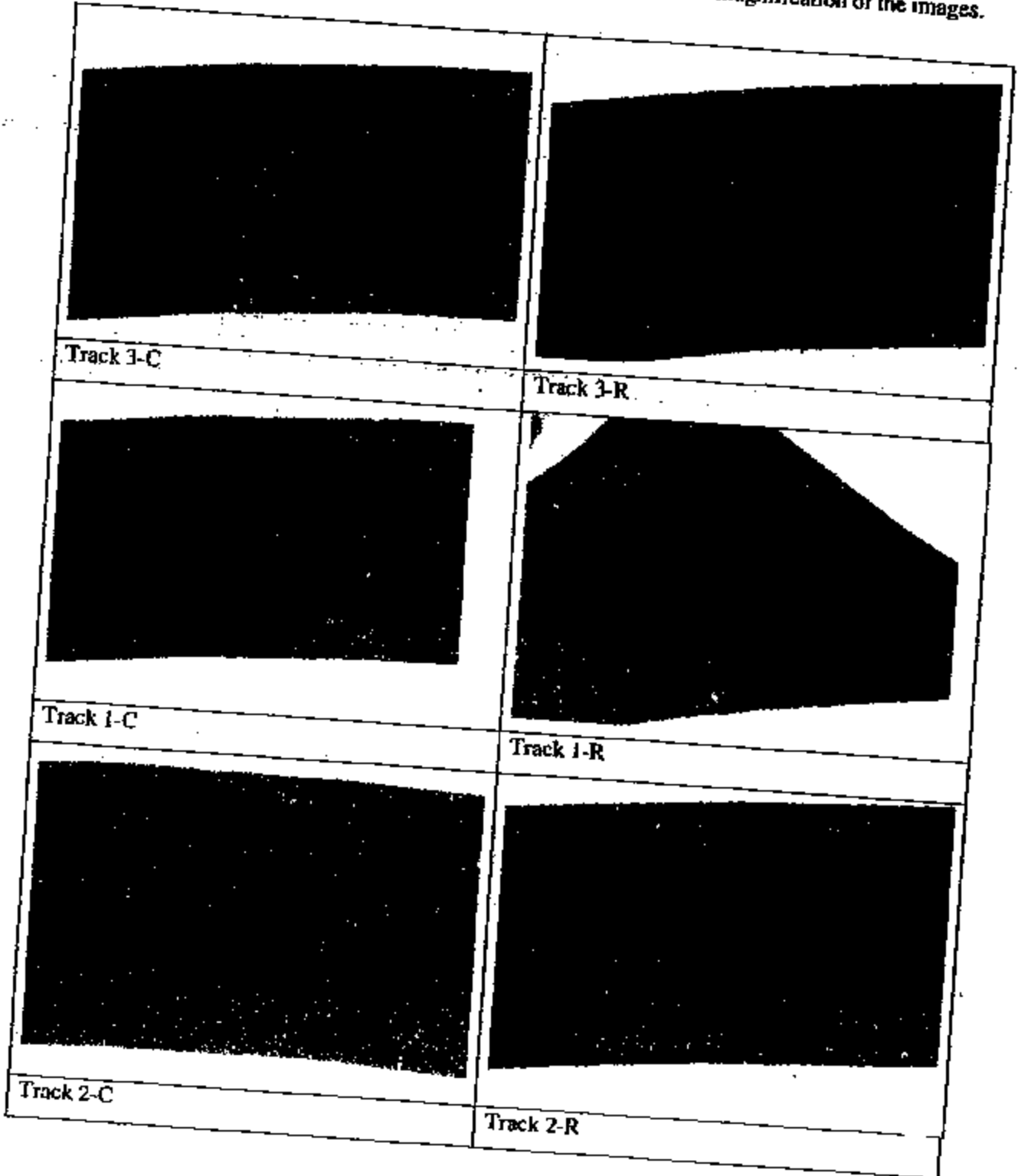
	
Track 3-C	Track 3-R
	
Track 1-C	Track 1-R
	
Track 2-C	Track 2-R

	
Track 3-C	Track 3-R
	
Track 1-C	Track 1-R
	
Track 2-C	Track 2-R

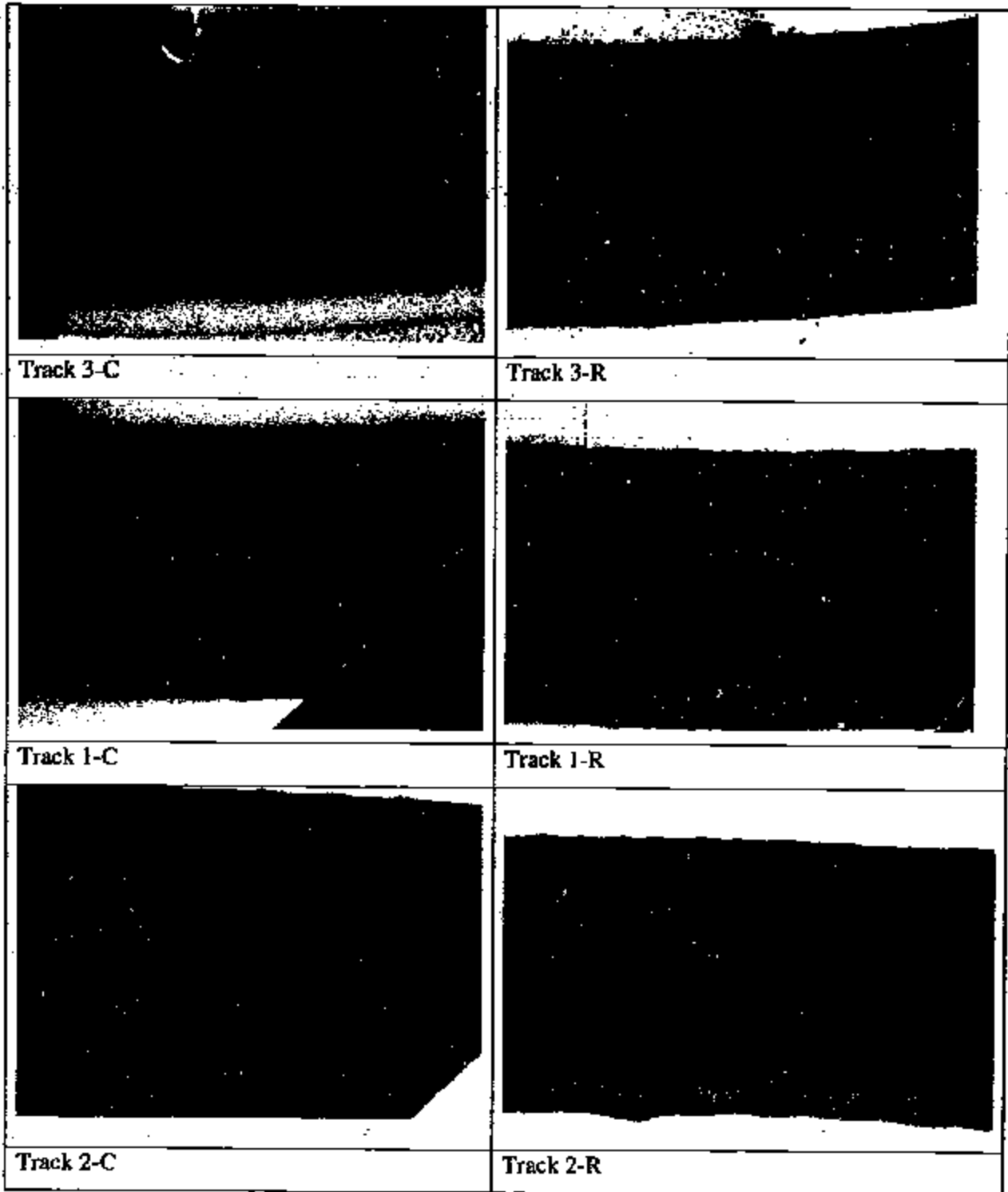
Appendix

Reflected light micrographs of all tracks on the specimens examined. Note: The top and bottom of the tracks are visible so track width can be used to calibrate the magnification of the images.







TRANSIT









DEW















001

	
Track 3-C	Track 3-R
	
Track 1-C	Track 1-R
	
Track 2-C	Track 2-R

	
Track 3-C	Track 3-R
	
Track 1-C	Track 1-R
	
Track 2-C	Track 2-R



	
Track 3-C	Track 3-R
	
Track 1-C	Track 1-R
	
Track 2-C	Track 2-R

	
Track 3-C	Track 3-R
	
Track 1-C	Track 1-R
	
Track 2-C	Track 2-R

Cost Trivial
SUPPORTS DATA? FY
UPDATE TRANS FOR TOTAL TEST

#	Brake/Accel	Issue with part	Issue with process	Concern Nbr	Cost	Timing	Containment Plan	Supplier	Vehicle
1	Accel - Gas/Diesel	Pedal arm interfering with mounting bracket when pedal is actuated in the full forward position.		C11159105	0	NO PFW	Add cut-out to mounting bracket to allow full range of motion. <i>CONSIDER DUPLICATE</i>	Teleflex	P131A/137
2	ACCEL - Diesel	Accelerator diesel pedal bottoming out on the dash panel in forward position. When pedal is actuated it hits the insulation, carpet & plastic bracket before it hits the stop guard on the bracket. Pedal does not have full range of motion.	<i>CLOSE IN PACKAGE</i> <i>METAL - TOMORROW</i> <i>FOR RVT - LINES TO LINES</i>	C11167007	7	7	1. Add pivot into the bracket so pedal will stop correctly on pedal stop. Is total travel required to reach wide-open throttle (WOT)? 2. Investigating carpet revisions. 3. Investigating modifying pedal stop guard design.	Teleflex	P131A/137
3	Accel - Gas/Diesel	Accelerator pedal broke when dropped from a height of under 3 feet. The outboard most attachment was snapped when the accelerator was dropped. This would be the source of production scrap in the plant.	<i>REVIEW WITH VAN DORN</i> <i>TOMORROW</i>	C11157559	7	7	Under investigation - Current pedal is 100% fiberglass.	Teleflex	P131A/137
4	Brake - Wiring (Diesel & Gas)	Motor pigtail is tight on U137. The 2-way connector is located on the right side of the pencil brace.	<i>CLOSE</i> <i>COMMON WITH P131</i>	C11157502	7	7	Locate 2-way connector in a different location. AFL discovered a hole that was implemented by H215 in the dash and own by electrical. AFL is investigating to see if it is. Pedals programs can use the hole.	AFL	U137
7	Brake - Wiring (Diesel & Gas)	Motor pigtail is loose on P131. The 2-way connector is located on the left side of the pencil-brace. There is some slack in the wiring. On the diesel vehicle the motor wires touch the ETC connector wires.	<i>WIRDS LOWETS & COORDINATE</i> <i>ISSUES TO BE RESOLVED FOR 2002</i>	C11157502	7	7	Locate 2-way connector in a different location. AFL discovered a hole that was implemented by H215 in the dash and own by electrical. AFL is investigating to see if it is. Pedals programs can use the hole.	AFL	P131
16	Open Issue	Need to determine length of Adj. Pedal motor pigtail.		C11159112	7	7	Under investigation	Teleflex/AFL	P131A/137
8	Brake - Mechanical	Brake arm is loose at pivot point. Some pedals are very solid and other pedals are loose - Phased program.		C11159112	7	7	Under investigation	Teleflex	P131A/137
10	Brake Light Switch (BAG)	Switch wiring is very close to track rod arm. When the track rod arm travel pedal the connector the wiring it touches.	<i>REVIEW IN DES AID</i>	C11157558	7	7	Under investigation - Need to change connector so wiring can be re-routed.	AFL/Poltek	P131A/137
13	Hood Cover (Diesel & Gas)	Clearance is tight in a small area when brake rod arm is full rearward. Difficult to install on Diesel units. Duct was broken on during assembly.	<i>CLOSE - CAD DATA INDICATES</i>	C11167584	7	7	CAD data looks great - Tolerance study needs to be done.	LEAR	P131A/137
14	As Adj Pedals	Brake and Accelerator pedal are noisy			7	7	8-signs project at Teleflex	Teleflex	P131A/137
4	Accel - Gas	Pedal has track rod blocking the upper left-hand hole.	<i>CLOSED - USE A 4 WAY</i>		7	7	Under investigation - Team felt this could be solved with the use of a y-piece. Or, have top inboard bolt come p/a to the assembly.	Teleflex/VO	P131A/137
11	IP Securing tool	The new and older detail caught the coil cable upon egress from the vehicle and hit accelerator pedal.			7	7	A trial on current IP decking process to determine an alternative stop position for the coil cable will be performed. <i>NO TO FUNCTION</i>		P131A/137
12	Switch	Switch scratched IP when operator tried to install it upside-down.			7	7	<i>CLOSED</i> Under investigation	VO	U137
15	Track Rod	Long Electrical Check - Taking between 6-10 seconds for operator to cycle pedal in forward position.			7	7	<i>CLOSED</i> Under investigation	VO	P131
9	Brake (Diesel & Gas)	When installing brake pedal the operator is shooting in the fasteners upside-down and blind.			7	7	<i>CLOSED</i> This is the current process. Except the track rod may add complexity to this operation.	VO	U137
5	ACCEL - Diesel	Shooting IP pencil brace becomes more difficult with adjustable pedals due to track-rod interference.			7	7	<i>CLOSED</i> Issue could be resolved with the proper expansion on the socket.	VO	U137

PERG-BAW 25540



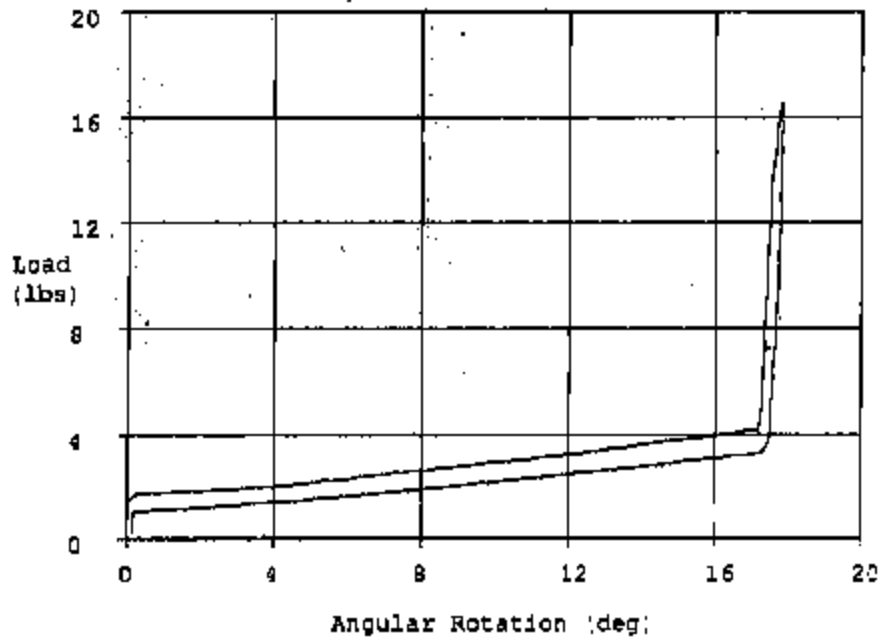
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Revision Level: N/A

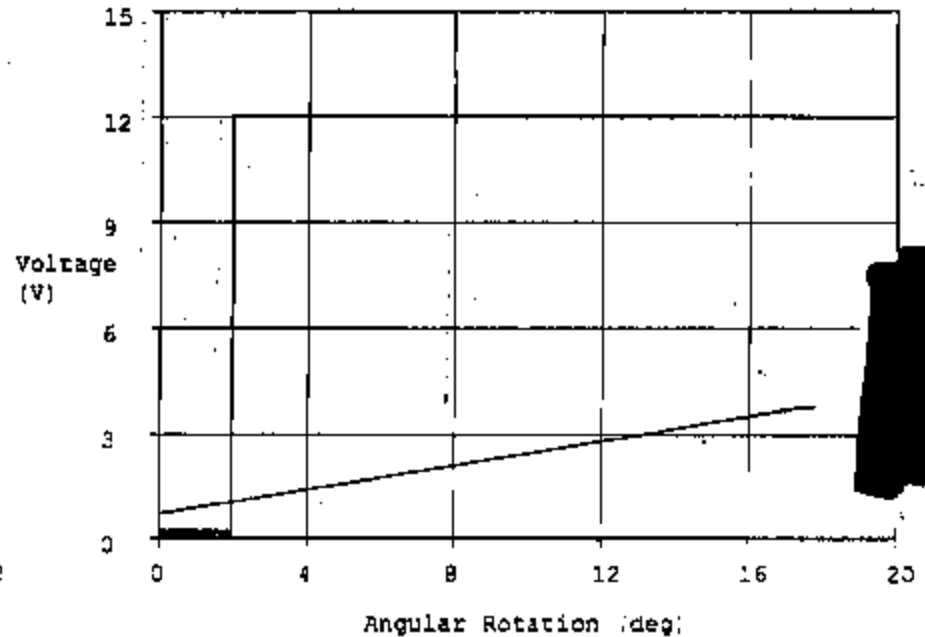
File name: 10060203
Serial number: 10006003
Comment: ADJ. ETC AT 10mm FROM FULL REARWARD
Operator: JG
Setup: PHN131LT

	PEDAL	POT1
Idle position voltage(V):		0.72(0.48, 0.78)
WOT position voltage(V):		3.79(3.39, 4.19)
Hysteresis Avg, Max (%):		
Idle break-away force(lbs):	3-5(3.7, 5.3)	
Wide open throttle force(lbs):	4-9(10.7, 12.3)	
Linear pedal travel (mm):	57.3(40.4, 64.4)	
Angular pedal travel(deg):	17.8(0.0, 25.0)	

Load Hysteresis Characteristics



Sensor Output Voltages



PER3-044 20484

Teleflex Test Lab

Test time: 10-06-1999 10:44:58
 Part number: U137
 Revision: Level: N/A

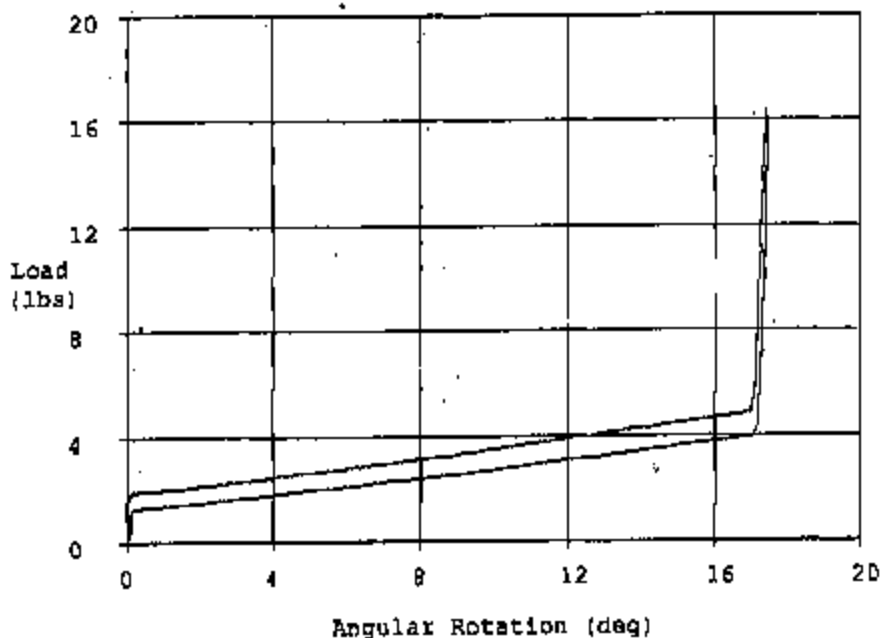
File name: 10060203
 Serial number: 10006008
 Comment: ADJ. ETC WOT ~~STOP REMOVED~~

Operator: JG
 Setup: PHN131LT

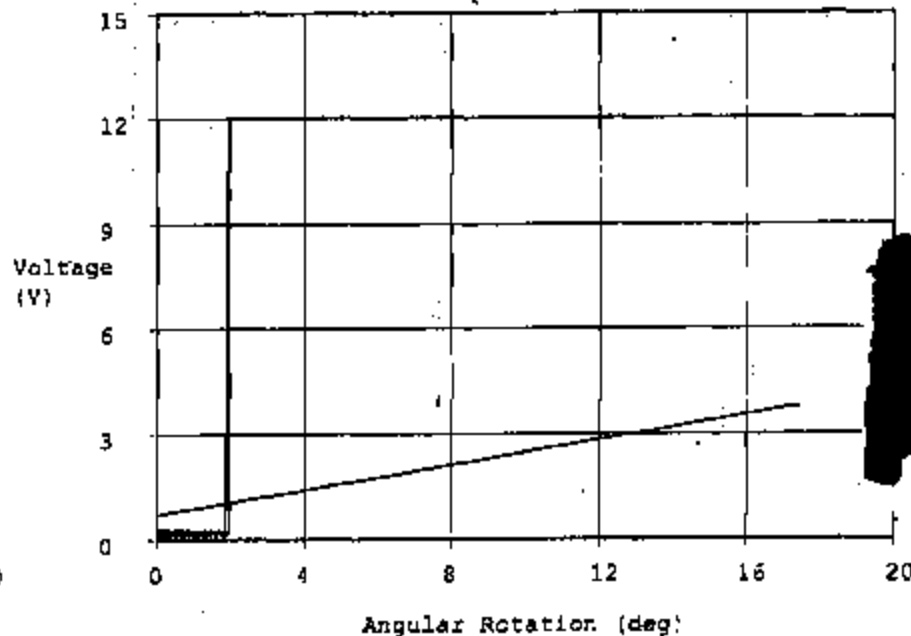
	PEDAL	POT1
Idle position voltage (V):		0.72 (0.48, 0.78)
WOT position voltage (V):		3.78 (3.39, 4.19)
Hysteresis Avg, Max (%):		
Idle break-away force (lbs):	3-6 (3.7, 5.3)	
Wide open throttle force (lbs):	4-9 (10.7, 12.3)	
Linear pedal travel (mm):	56.2 (40.4, 64.4)	
Angular pedal travel (deg):	17.5 (0.0, 25.0)	

*Mid position
 21 ~~mm~~ From end of
 track*

Load Hysteresis Characteristics



Sensor Output Voltages



PED3-044 25105

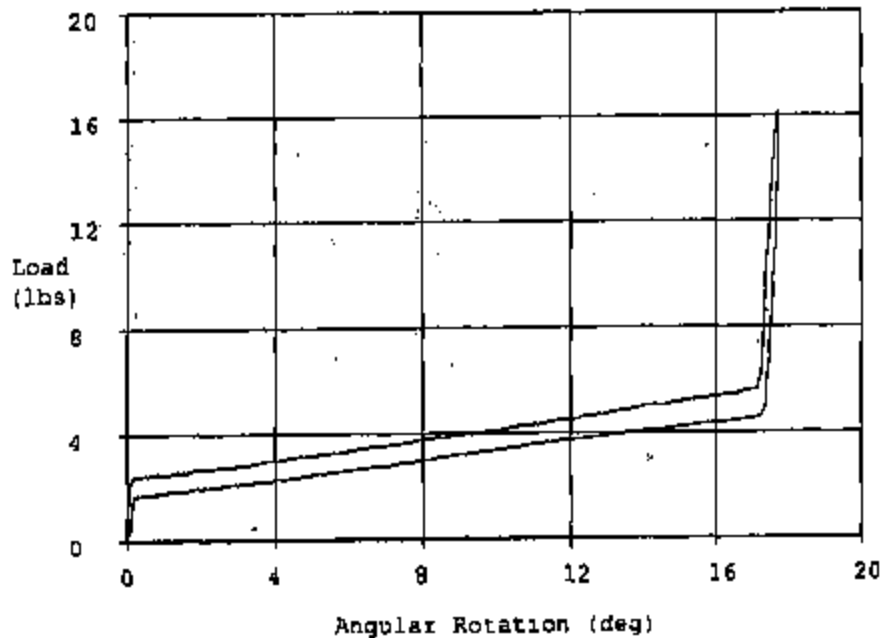
Teleflex Test Lab

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 Part number: U137
 Revision Level: N/A

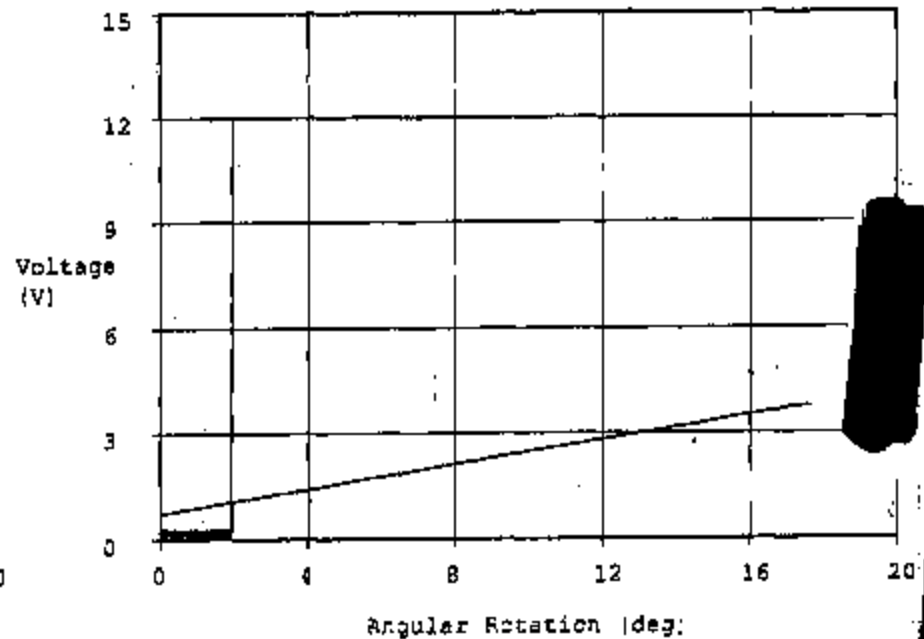
File name: 10060003
 Serial number: 10006003
 Comment: ADJ. ETC ~~WAS SPACER ON SPRING~~
 Operator: JG
 Setup: PHN131LT

	PEDAL	POT1
Idle position voltage(V):		0.72(0.48, 0.78)
WOT position voltage(V):		3.78(3.39, 4.19)
Hysteresis Avg, Max (%):		
Idle break-away force(lbs):	3.7(3.7, 5.3)	
Wide open throttle force(lbs):	5.9(10.7, 12.3)	
Linear pedal travel (mm):	57.0(40.4, 64.4)	
Angular pedal travel(deg):	17.7(0.0, 25.0)	

Load Hysteresis Characteristics



Sensor Output Voltages



PE03-014 28456

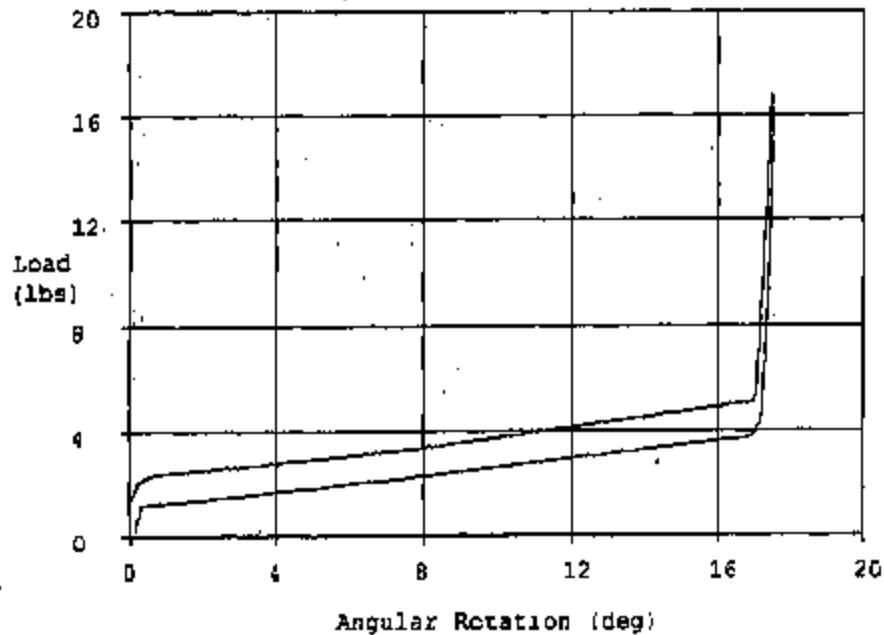
Teleflex Test Lab

Test time: 10-06-1999 10:13:34
 Part number: U137
 Revision Level: N/A

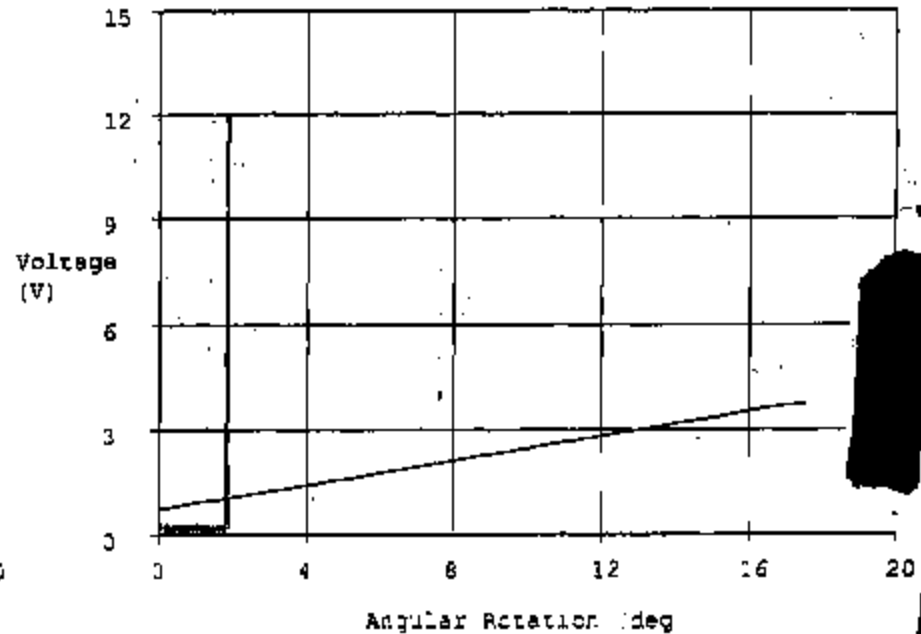
File name: 10060002
 Serial number: 1006002
 Comment: ADJ. ETC WITH SPACER ON SPRING
 Operator: JG
 Setup: PHN131LT

	PEDAL	POT1
Idle position voltage (V):		0.76(0.48, 0.78)
WOT position voltage (V):		3.76(3.39, 4.19)
Hysteresis Avg, Max (%):		
Idle break-away force (lbs):	3.5(3.7, 5.3)	
Wide open throttle force (lbs):	5.1(10.7, 12.3)	
Linear pedal travel (mm):	56.4(40.4, 64.4)	
Angular pedal travel (deg):	17.5(0.0, 25.0)	

Load Hysteresis Characteristics



Sensor Output Voltages



PED3-014 26467

Teleflex Test Lab

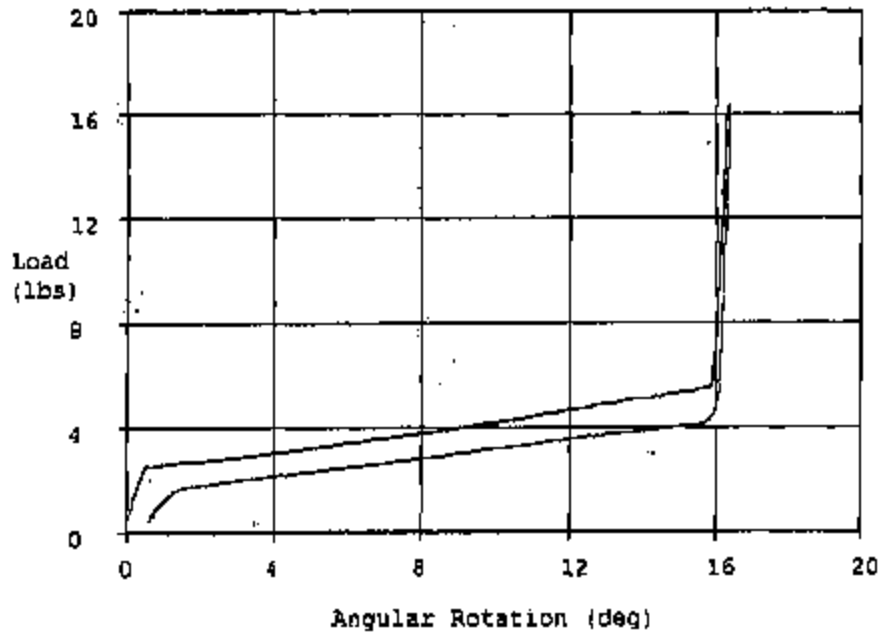
Test time: 10-06-1999 10:22:31
Part number: U137
Revision Level: N/A

File name: 10060201
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Comment: ADJ. ETC ~~STOP~~ STOP REMOVED

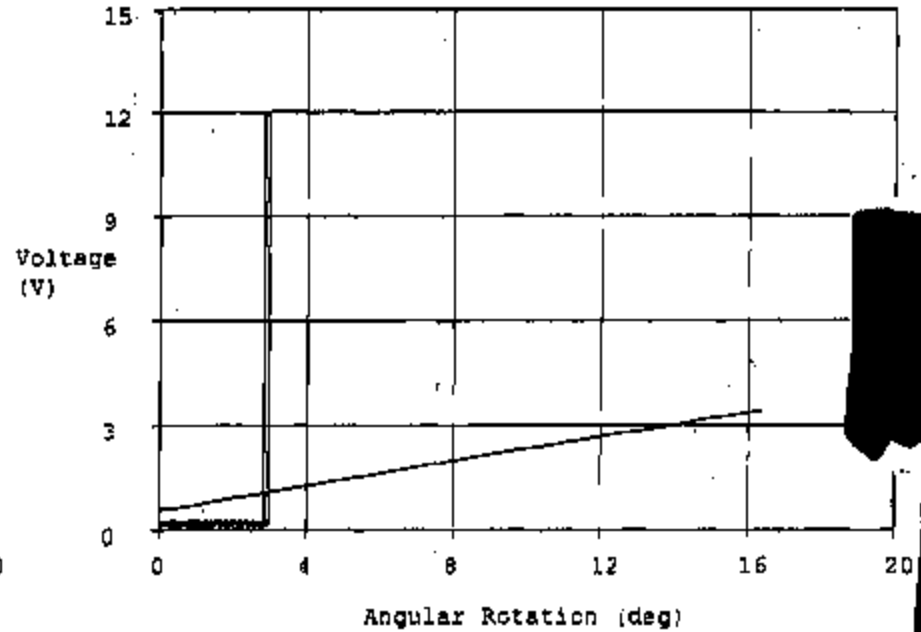
Operator: JG
Setup: PHN131LT

	PEDAL	POT1
Idle position voltage(V):		0.63(0.48, 0.78)
NOT position voltage(V):		3.39(3.39, 4.19)
Hysteresis Avg, Max (%):		
Idle break-away force(lbs):	3-5(3.7, 5.3)	
Wide open throttle force(lbs):	5-5(10.7, 12.3)	
Linear pedal travel (mm):	52.7(40.4, 64.4)	
Angular pedal travel(deg):	16.4(0.0, 25.0)	

Load Hysteresis Characteristics



Sensor Output Voltages



PE03-044 28469

Teleflex Test Lab

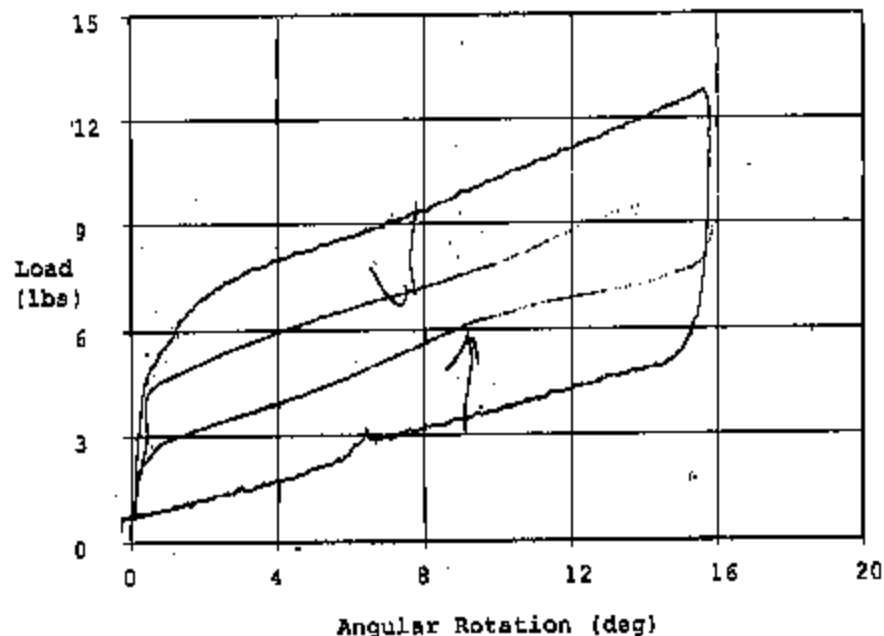
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File name: 51900001
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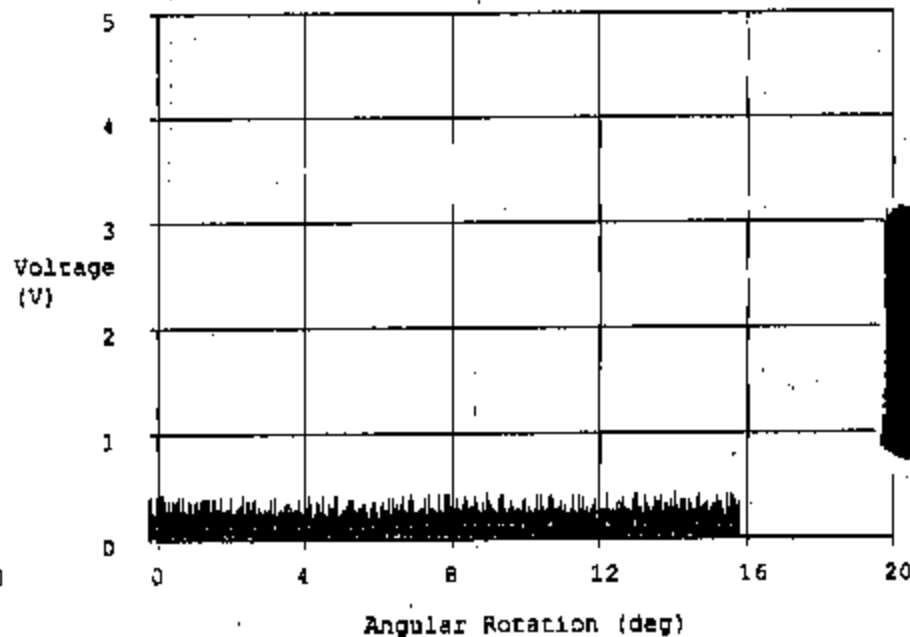
Operator: JG
 Setup: PHN131LT

	PEDAL	POT1
Idle position voltage(V):		-0.05(0.48, 0.78)
WOT position voltage(V):		0.05(3.39, 4.19)
Asc. transition voltage(V):		0.04(0.56, 1.50)
Dsc. transition voltage(V):		0.00(0.56, 1.50)
Asc. transition - idle voltage(V):		0.09(0.09)
Dsc. transition - idle voltage(V):		0.05(0.09)
Hysteresis Avg, Max, Min(v):	69.4, 84.4, 57.1	
Linearity @idle, slope, wot(v):		
Incremental linearity @slope(v):		
Idle break-away force(lbs):	5.1(3.7, 5.3)	
Wide open throttle force(lbs):	12.5(10.7, 12.3)	
Linear pedal travel(mm):	50.8(40.4, 64.4)	
Angular pedal travel(deg):	15.8(0.0, 25.0)	

Load Hysteresis Characteristics



Sensor Output Voltages



PER3-044 28469

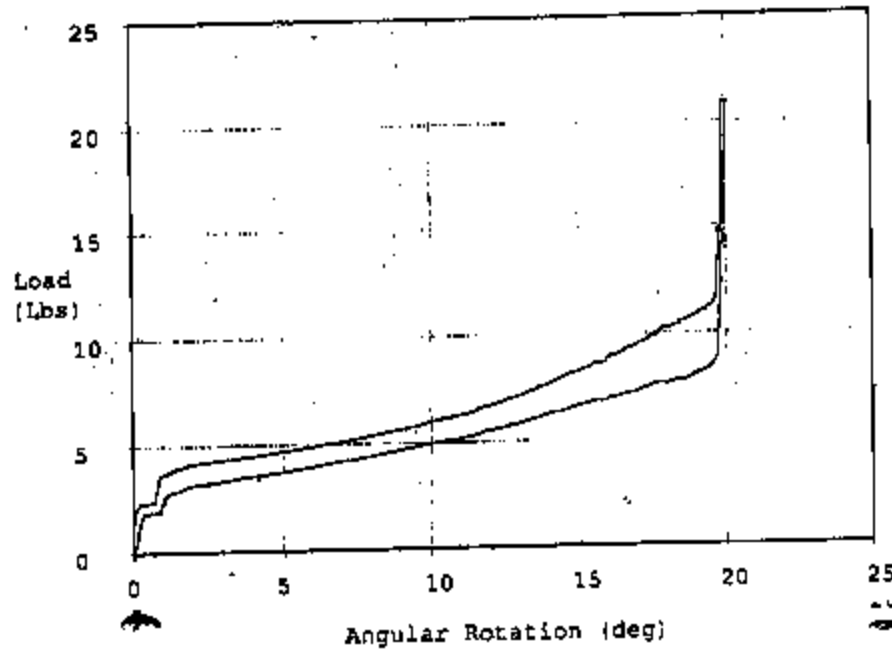
Reprint time: 10-31-1997 10:36:07
 Part number: FB1A-9F836-AC
 Revision Level: N/A

File name: 75580001
 Serial number: 75580001
 Comment: Initial (Tabs @ top) Guard A

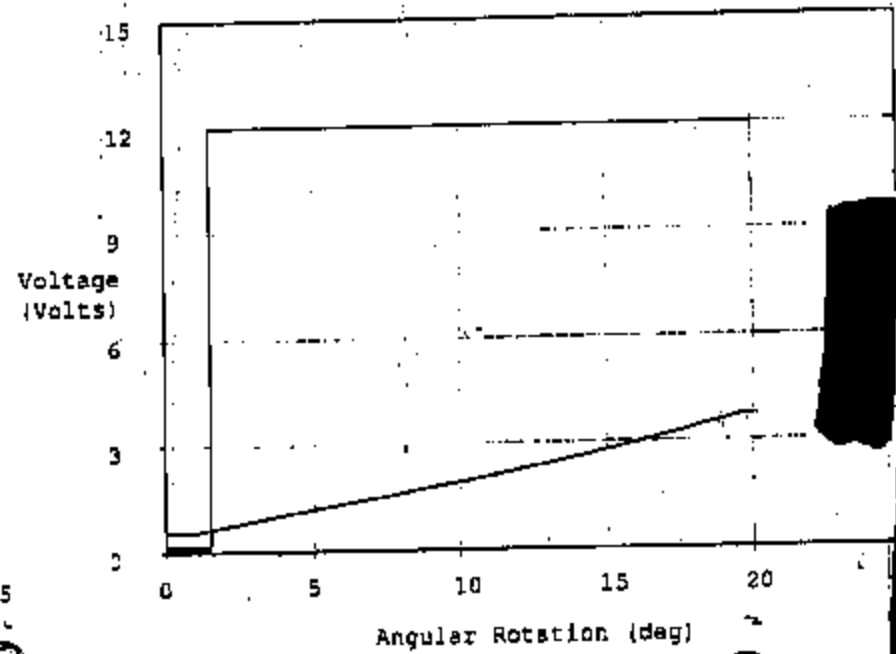
Operator: at

	PEDAL	POT1
Idle position voltage(V):		0.56
WOT position voltage(V):		3.75
Asc. transition voltage(V):		0.65
Dsc. transition voltage(V):		0.65
Asc. transition - idle voltage(V):		0.09
Dsc. transition - idle voltage(V):		0.09
Idle break-away force(lb):	2.4	
Wide open throttle force(lb):	11.2	
Linear (full) pedal travel (mm):	61.8 65.0 (full)	
Angular (full) pedal travel (deg):	19.1 20.1 (full)	

Load Hysteresis Characteristics



Sensor Output Voltages



COMCORP TECHNOLOGIES INC

Test time: 10-31-1997 09:30:25
 Part number: P81A-9F836-AC
 Revision Level: N/A

File name: 75580201
 Serial number: 75580001
 Comment: Tab#5 (Tab# @ top) Guard A

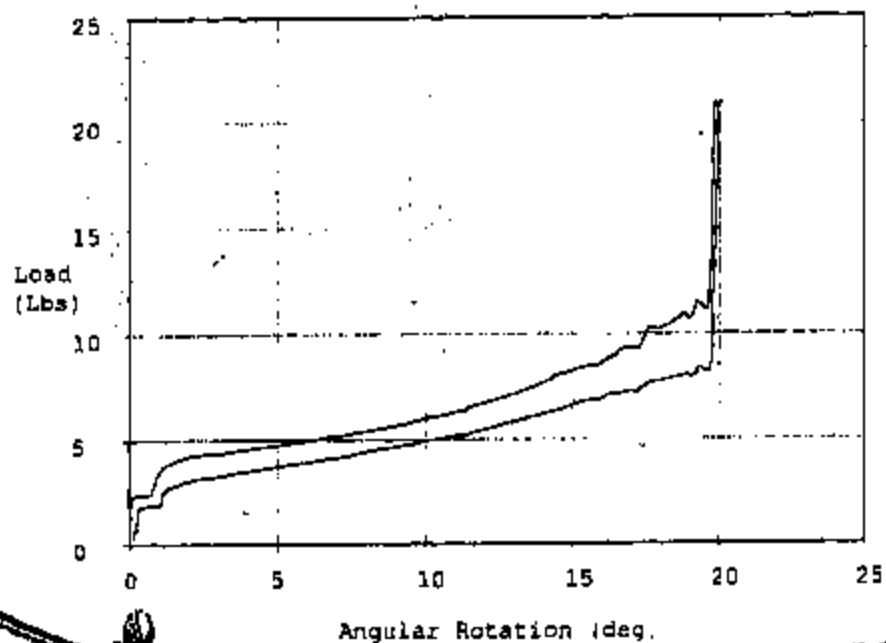
Operator: at

	PEDAL	POT1
Idle position voltage(V):		0.57
WOT position voltage(V):		3.74
Asc. transition voltage(V):		0.69
Dsc. transition voltage(V):		0.69
Asc. transition - idle voltage(V):		0.12
Dsc. transition - idle voltage(V):		0.13

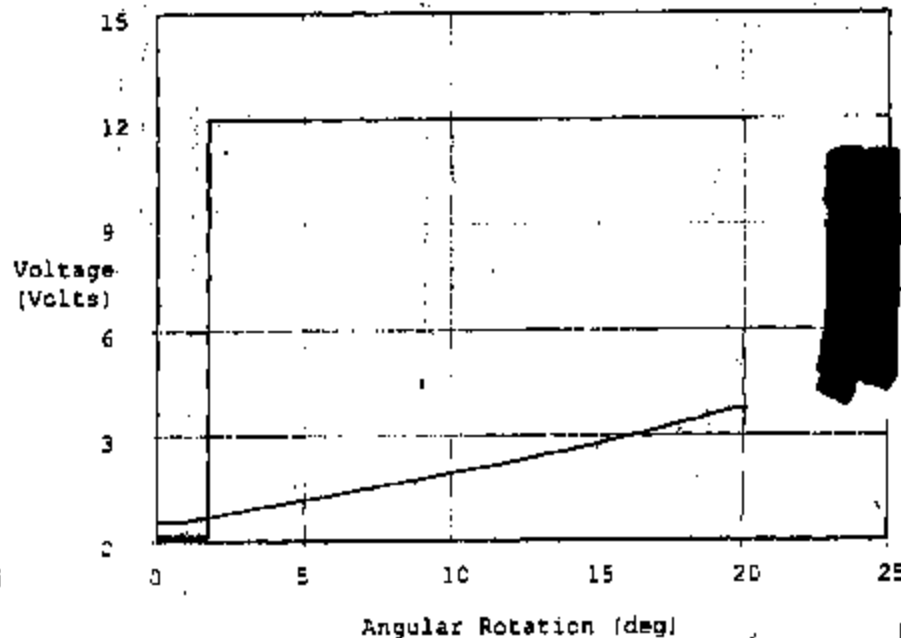
Idle break-away force(lb):	2.4
Wide open throttle force(lb):	11.4

Linear (full) pedal travel (mm):	61.7 64.9 (full)
Angular (full) pedal travel (deg):	19.1 20.1 (full)

Load Hysteresis Characteristics



Sensor Output Voltages



[REDACTED]
[REDACTED]

Adjustable Pedals Status

08/29/2000

Testing

Accelerator Testing

LT-26 (9/1/00)

Cold Room/FMVSS124 (9/8/00)

Adjustable Pedal Noise (9/1/00)

LT-10 Vehicle System Stiffness (9/29/00)

Brake Testing

Brake Structures (APG)/FMVSS105 (11/11/00)

> Durability (APG) (12/14/00)

Torque Testing done at Teleflex (9/29/00)

Buck Design Review 9/1/00

Design Aid: Steve Buss from KTP will be here on Friday for a dry run on buck.

Cable Issue

In LT-26 testing it was discovered that the drive cable from the adjustable motor that connects to the accelerator pedal was not long enough. The result from the test showed that there was high pedal effort and poor accelerator feel.

8/29/2000 2:38 PM

FE03-044 26565

Added Starter – Adj. Pedals

AGENDA - 8/16/00

1. Build of Materials List

AFL wiring – Lil Mclean – Nayeema Rahman
Go over complexity matrix
Is there any parts missing from BOM

2. Testing

List of tests that are still open
Establish engineering sign-off date for testing

3. Timing

Buck Build at PDC – Design Aid (after 9/1/00)
Mini-trail at KTP – 4 vehicles (2 Excursion gas/diesel)
(2 P131 gas/diesel)
(End of September)
Added starter build at Plant (tentatively 12/11/00)
Job 1 – 2/1/00

4. Open issues:

NOTES:

Adjustable Pedal Design Buck Review- Feb. 2001 Incorporation
THE OUTCOME OF THE DESIGN REVIEW IS AS FOLLOWS:
Vehicle: 308W998, F-350, 4X2, Diesel
Build Coordnator @ Design Buck: Walter Gould, Ph: 313-323-2458, PDC GH-C31

08/09/2000

1

PE03-044 28368

Added Starter – Adj. Pedals

(1) A portable hole needs to be added to 14401 to retain the motor t/o connector and the motor take out to be shortened 200mm. The existing design for ETC(Diesel) connection doesn't have any issues-Lil McLean (AFL-Design)

(2) The motor takeout from the pedals side needs to be lengthened 3" additional- Lisa Petrauskas has reviewed it and mentioned that a Is CR is already written to lengthen the t/o. The new pedals will be needed for a functional trial @ KTP.

(3) A CR needs to be pulled to release 14401. with ADJ. pedal content no later than week of 11/6/00-minimum of 10 weeks required to PPAP wire harness- Need concurrence from Steve Buss if 9 additional harnesses(7-U137, 2-P131) will create any issues if released in 11/2000 (After a decision made by S. Buss, Joe Ravenscroft to pull a CR)

(4) To schedule a functional trial at KTP 12/2000- Diesel and Gas

1. Alert will be written since parts involved in that trial will not be PSW'd

2. Need an acceptable date from the team- Lisa Petrauskas, Joe Ravenscroft, Steven Buss, Rayford Williams for this trial.

(5) To create new illustrations-a supp. is to be pulled for wire harness illustration and Lisa Petrauskas to provide MSX the new pedal CAD data to update illustrations.

(6) Andrew Schafer provided an Adj. Pedal Lower Center Panel. Jhammel Montes to provide a switch by COB 8/8/00 Panel to update the vehicle mentioned above.

Added Starter – Adj. Pedals

1. Build of Materials List

Go over complexity matrix

Is there any parts missing from BOM

2. Testing

- List of tests that are still open

- Establish engineering sign-off date for testing

METAL EXHAUST

3. Timing

Buck Build at PDC – Design Aid (9/1/00)

Mini-trail at KTP – 4 vehicles (2 Excursion gas/diesel)

(2 P131 gas/diesel)

(End of September)

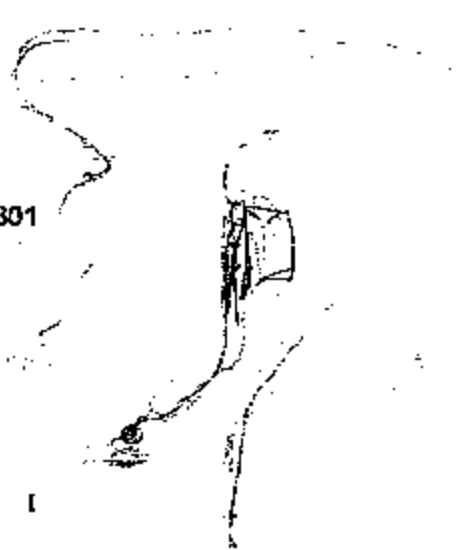
Added starter build at Plant (tentatively 12/11/00)

Job 1 – 2/1/00

4. Open issues:

Notes:

The LH hush panel was deleted. CR C11092301



08/09/2000

#37

Added Starter - Adj. Pedals

1. Build of Materials List

Identify parts _____

Identify responsibility _____

What parts needs to be added/deleted/updated _____

2. Timing

- Plant Trial Date? 12/11/2000 -

- Job 1 - 02/01/2001

3. Buck Build at PDC - Design Aid <

4. Trail at KTP

How many units?

What type of vehicle will be built? >

131 < Diesel
CAS
EXC- < Diesel
CAS-

5. Adjustable Pedal Design Buck Review- Feb. 2001 Incorporation

THE OUTCOME OF THE DESIGN REVIEW IS AS FOLLOWS:

Vehicle: 308W998, F-350, 4X2, Diesel

Build Coordinator @ Design Buck: Walter Gould, Ph: 313-323-2458, PDC GH-C31

(1) A portable hole needs to be added to 14401 to retain the motor to connector and the motor take out to be shortened 200mm. The existing design for ETC(Diesel) connection doesn't have any issues-Lif McLean (AFL-Design)

3 INCH LONGER TAKE-OUT FOR 2001
6 INCH LONGER TAKE-OUT FOR 2002

08/09/2000

Added Starter – Adj. Pedals

(2) The motor takeout from the pedals side needs to be lengthened 3" additional- Lisa Petrauskas has reviewed it and mentioned that a 1a CR is already written to lengthen the /o. The new pedals will be needed for a functional trial @ KTP.

(3) A CR needs to be pulled to release 14401. with ADJ. pedal content no later than week of 11/6/00, minimum of 10 weeks required to PPAP wire harness- Need concurrence from Steve Buss if 9 additional harnesses(7-U137, 2-P131) will create any issues if released in 11/2000 (After a decision made by S. Buss, Joe Ravenscroft to pull a CR)

(4) To schedule a functional trial at KTP 12/2000- Diesel and Gas
1. Alert will be written since parts involved in that trial will not be PSW'd
2. Need an acceptable date from the team- Lisa Petrauskas, Joe Ravenscroft, Steven Buss, Rayford Williams for this trial.

(5) To create new illustrations-a supp. is to be pulled for wire harness illustration and Lisa Petrauskas to provide MSX the new pedal CAD data to update illustrations.

(6) Andrew Schafer provided an Adj. Pedal Lower Center Panel. Jhammel Montes to provide a switch by COB 8/8/00 Panel to update the vehicle mentioned above.

6. Open issues:

- TELEPLEX - HOLD IN BERT FARM AFZ

Adjustable Pedals PMT Meeting

6/15/2000

Room Numbers:

For June 14th PDC 2A-F08

Starting June 21st PDC 2A-D23 thru 10/4/00

Agenda:

Concerns:

- Hole in bracket (Roger's Concern C11059596) (
- Extra 6 inches on pigtail from motor (C11106777) - *NEED DRAWING*
- Torque on Accelerator Pedal (C11103519) - *CLOSE*
- Adj. Pedal - ETC (C11089662) - *NEED DRAWING*

APQP:

- APQP Review (

- Design FMEA review - Monday 6/12/00 - *DFMEA*
- Design Reviews - *Done*
- Design verification plan - testing behind schedule - *TEST START ETC - NEXT WEEK*
- Prototype build control plan
- Prototype build - CP MRD *N/A*

Testing:

- Need Vehicle for Teleflex - *Noise Test* Lisa (Need information)
Someone needs to support APG: Update Cost durability vehicle - Alan
- Crash testing adj. Pedals - any suggestions - Steve Chen needs information
- Torque Test for Accelerator Pedal - Lisa
- DVP&R for Diesel - Gas (They should each have a set) - Alan/Avatar - due by 6/12/00
- Pedal system noise - Windstar program Dale Kornowski/J. Salmon/Glen Wilson (Champion)
 - Poor Quality on Cost durability
 - Fingerprint current drawing
- CAE Durability - Pedal body buck for fatigue test - Dennis Mills

Drawing:

Other:

- For Wei Shen - Need to know the status of "Reliability Statement of Work"

MOVE TO 2003

IN TARGET AGREEMENT

6/14/2000 10:39 AM

- Check holes in dash insulator (not an issue)

ADD TO C1108967 - FORWARD TO JERRY HARRIS

2002 Issues:

Concerns:

- Containment Plan for C11106773 - 2002 Sensor

Cost:

- Need 2002 pricing established - *Next week*

Testing:

- Memory Sensor Package - Meeting 6/16/00
- - *Need DVP* -
~~Need design direction & timing plan~~

Drawing:

- *Need Drawing - 6/30/00 - AP2*

Other:

- Write Order for 5 parts for update for AP2
- *Need Pin Design*

2003 Issues:

Cost:

- Need 2003 ^{*TARGET*} pricing established - Meeting is 6/15/00 at 8:00

Drawing:

- Need "PIN OUT" design for Barb Rossman for AP3 (Design for AP build transmittal)

Future Meetings:

- Set up Monthly Management Review Meetings - Elio
- APQP Meeting - Jerry Lehman 40389
- Set up Significant Characteristic, Design FMEA's & Control Plans

-1

Adjustable Pedals PMT Meeting

6/212000

Room Numbers:

For June 14th PDC 2A-F08

Starting June 21st PDC 2A-D23 thru 10/4/00

2001 Issues:

Concerns:

- Hole in bracket (Roger's Concern C11059596)
- Extra 6 inches on pigtail from motor (C11106777)
- Torque on Accelerator Pedal (C11103519)
- Adj. Pedal - ETC (C11089662)

- Review program timing - Elio
- Review KSR drawing - Alan to bring everything he has
- Review Design FMEA - Alan
- Review DVP&R - Alan

2001 still contained

STA - Doug Viet

Testing:

- Need Vehicle for Teleflex - Lisa (Need information)
- Someone needs to support APG: Update Cost durability vehicle - Alan
- o Torque Test for Accelerator Pedal - Lisa
- o DVP&R for Diesel - Gas (They should each have a set) - Alan/Avlar -- due by 6/17/00
- o Pedal system noise - Windstar program Dale Kornowski/J. Salmon/Glen Wilson (Champion)
 - Poor Quality on Cost durability
 - Fingerprint current drawing
- o CAE Durability - Pedal body buck for fatigue test - Dennis Mills

Drawing:

FMAVSS 124 TEST

Other:

- For Wei Shen - Need to know the status of "Reliability Statement of Work"
- o Check holes in dash insulator (not an issue)

6/21/2000 10:34 AM

FE03-044 28591

2002 Issues:

Containment Plan - Need cost & timing - Doc # 21700

- Sensor Concern: C1106773
- Aim Issue: 00318619

Meeting:

Memory Sensor Package ←

Testing:

- o Sensor Testing
 - o Revise testing - What sensor testing will be done?
 - o Agree on DVP&R
 - o Design FMEA

Drawing:

Need 2002MY drawing of both brake pedals

Other:

Retrofit 2002 CP vehicles

2003 Issues:

Cost:

- Need 2003 pricing established


Drawing:

- o Need "PIN OUT" design for Barb Rossman for AP3 (Design for AP build transmittal)

Other:

- o Write Order for 5 parts for update for AP2 (9 Pin Design) - Lisa
- o Revise AP2 2003 BOM - adj. Pedals removed - Joe Wash - Need containment plan
- o "Reliability Statement of Work" - Wei Shen

Future Meetings:

- 
- o Set up Monthly Management Review Meetings - Elio
 - o APQP Meeting - Jerry Lehman 40398 - Doug-Viel
 - o Set up Significant Characteristic, Design FMEA's & Control Plans

Revised Pull
ETC AD

2001
2002
2003

Adjustable Pedals PMT Meeting

Topics that need to be covered:

- 2001-A

Concerns:

- Containment Plan for C11106773 - 2002 Sensor
- Hole in bracket - cover on pigtail concern

Cost:

- Need 2002 pricing established - RFR
- Need 2003 pricing established - COST EST - TARGET ASSEMBLY - LARRY WYATT

APQP:

- Waiting for reply from Garth on APQP review 5/30/00 - JERRY LEHMAN 40399
- APQP Review (RED ITEMS) -
 - o Design FMEA review > NEED MEETING - Monday - 1:30
 - o Design Reviews
 - o Design verification plan - testing behind schedule
 - o Prototype build control plan
 - o Prototype build - CP MRD
 - o Get APQP meeting set up

Future Meetings:

- o Set up Monthly Management Review Meetings - Elio < CALL DENISE
- o APQP Meeting - Jerry Lehman 40388

Testing:

- o Need Vehicle for Teleflex - Lisa (Need information)
- o Someone needs to support APG: Update Cost durability vehicle - Need Date
- o Crash testing adj. Pedals - any suggestions - All
- o Torque Test for Accelerator Pedal - Waiting for part numbers from Body Eng - Lisa
- o DVP&R for Diesel - Gas (They should each have a set) - Elio
- o Pedal system noise
 - Poor Quality on Cost durability
 - Fingerprint current drawing DESIGN
- o CAE Durability - Pedal body buck for fatigue test - Amir Ourchang
- o Memory Sensor Package
 - Need design direction & timing plan

Drawing:

- o Need "PIN OUT" design for Barb Rosaman for AP3 (Design for AP build transmittal)
- o Spec for adjustable pedals - Docthan -

WINDSTAR
DALE KERNSKY



Other:

- o Write Order for 5 parts for update
- o Review Pedal arm strength
- o Check Holes in dash insulator

Open issues:

From: Kramer, Michael (M.T.)
Sent: Thursday, January 16, 2003 4:58 PM
To: Liposky, Lawrence (L.J.); West, Gregory (G.S.)
Subject: FW: 2002 and 2003 F Series Super Duty and Excursion Adjustable Pedal

CQIS and NHTSA VOQ info. Especially note VOQ info. at bottom of note. Will have AWS claims info. tomorrow.

The company that builds and delivers the best products wins!

Mike Kramer

Supervisor, Super Duty/Excursion/E-Series PTQRT & OPD PT PMT (non-MCR)

Six Sigma Black Belt

Phone/fax: (313) 594-2003

Pager: (313) 201-8852 (beep); <<http://vm4.darabon.ford.com/cgi/textpage?>> (internal text); [http://mymail.com/](mailto:mikramer1@ford.com) (external text)

Email: mikramer1 (internal); mikramer1@ford.com (external)

---Original Message---

From: Matthews, Steve (S.D.)
Sent: Thursday, January 16, 2003 4:18 PM
To: Kramer, Michael (M.T.)
Subject: FW: 2002 and 2003 F Series Super Duty and Excursion Adjustable Pedal

---Original Message---

From: Matthews, Steve (S.D.)
Sent: Thursday, January 16, 2003 4:04 PM
To: Kramer, Michael (M.)
Cc: Jones, Rick (W.P.)
Subject: 2002 and 2003 F Series Super Duty and Excursion Adjustable Pedal

Mike,

Attached to this email is an excel file listing the specific vehicle VINs that I was able to identify, that have CQIS reports or VOQ (NHTSA) reports regarding the function of the accelerator pedal/throttle pedal on 2002 and 2003 F Series Super Duty and 2002 and 2003 Excursion vehicle lines. The counts include only vehicles equipped with adjustable pedals.

There are reports of similar concerns on vehicles equipped with non-adjustable (fixed) pedals. I have not included those reports in the counts provided below.

A summary of the CQIS reports:

F Series Super Duty:	191 distinct VINs for 2002 MY 3 distinct VINs for 2003 MY
Excursion:	35 distinct VINs for 2002 MY 0 distinct VINs for 2003 MY

I did not identify any CQIS reports indicating there have been any accidents or injuries related to this

concern.

A summary of the VOQ (NHTSA) reports:

F Series Super Duty:

2 distinct reports for 2002 MY
(1 of the VOQ reports has an invalid VIN so I was not to confirm whether or not the vehicle was equipped with adjustable pedals)

Excursion:

2 distinct reports for 2002 MY

VOQ report, ODI # 8012549, (2002 MY Excursion) indicates the vehicle was involved in an accident and 6 people were injured. The AWS data for this vehicle indicates it is equipped with adjustable pedals, and the pedal assembly was replaced on September 5, 2002 by Stan Martin Ford, Inc., located in Hudson, New York.



2002 and 2003 F
Super Duty & E...

Please contact me if you have any questions regarding the information provided.

Steve Matthews

Enhanced Concern Identification
313.248.7770

F Series Super Duty

2002 MY - 182 VINs

Table with 3 columns: VIN, COI Report #/Date, Production Date. Lists vehicle data for the F Series Super Duty from 2002 MY - 182 VINs.

2003 MY - 5 VINs

Summary table for 2003 MY - 5 VINs with columns: VIN, COI Report #/Date, Production Date.

Excursion

2002 MY - 35 VINs (2002 MY - 5 VINs)

Table with 3 columns: VIN, COI Report #/Date, Production Date. Lists vehicle data for the Excursion from 2002 MY - 35 VINs (2002 MY - 5 VINs).

FTWV01F12	2434	097801
FTWV01F13	2437	097801
FTWV01F14	2438	097701
FTWV01F15	2447	097801
FTWV01F16	2450	129801
FTWV01F17	2451	107101
FTWV01F18	2454	097101
FTWV01F19	2455	097801
FTWV01F20	2456	097801
FTWV01F21	2458	117801
FTWV01F22	2461	097201
FTWV01F23	2464	097101
FTWV01F24	2465	097801
FTWV01F25	2466	097801
FTWV01F26	2467	097801
FTWV01F27	2468	097801
FTWV01F28	2469	097801
FTWV01F29	2470	097801
FTWV01F30	2471	097801
FTWV01F31	2472	097801
FTWV01F32	2473	097801
FTWV01F33	2474	097801
FTWV01F34	2475	097801
FTWV01F35	2476	097801
FTWV01F36	2477	097801
FTWV01F37	2478	097801
FTWV01F38	2479	097801
FTWV01F39	2480	097801
FTWV01F40	2481	097801
FTWV01F41	2482	097801
FTWV01F42	2483	097801
FTWV01F43	2484	097801
FTWV01F44	2485	097801
FTWV01F45	2486	097801
FTWV01F46	2487	097801
FTWV01F47	2488	097801
FTWV01F48	2489	097801
FTWV01F49	2490	097801
FTWV01F50	2491	097801
FTWV01F51	2492	097801
FTWV01F52	2493	097801
FTWV01F53	2494	097801
FTWV01F54	2495	097801
FTWV01F55	2496	097801
FTWV01F56	2497	097801
FTWV01F57	2498	097801
FTWV01F58	2499	097801
FTWV01F59	2500	097801
FTWV01F60	2501	097801
FTWV01F61	2502	097801
FTWV01F62	2503	097801
FTWV01F63	2504	097801
FTWV01F64	2505	097801
FTWV01F65	2506	097801
FTWV01F66	2507	097801
FTWV01F67	2508	097801
FTWV01F68	2509	097801
FTWV01F69	2510	097801
FTWV01F70	2511	097801
FTWV01F71	2512	097801
FTWV01F72	2513	097801
FTWV01F73	2514	097801
FTWV01F74	2515	097801
FTWV01F75	2516	097801
FTWV01F76	2517	097801
FTWV01F77	2518	097801
FTWV01F78	2519	097801
FTWV01F79	2520	097801
FTWV01F80	2521	097801
FTWV01F81	2522	097801
FTWV01F82	2523	097801
FTWV01F83	2524	097801
FTWV01F84	2525	097801
FTWV01F85	2526	097801
FTWV01F86	2527	097801
FTWV01F87	2528	097801
FTWV01F88	2529	097801
FTWV01F89	2530	097801
FTWV01F90	2531	097801
FTWV01F91	2532	097801
FTWV01F92	2533	097801
FTWV01F93	2534	097801
FTWV01F94	2535	097801
FTWV01F95	2536	097801
FTWV01F96	2537	097801
FTWV01F97	2538	097801
FTWV01F98	2539	097801
FTWV01F99	2540	097801
FTWV01F00	2541	097801

CDM #	Manufacturer	Model	Year	Make	Use	Expiry Date	Last Date	Assessor	Injured	Part	Fix	Part Name	City	State	Mileage	Summary
1012340	FORD MOTOR COMPANY	1978	EXCURSION	1978		25-Jun-82	25-Jun-82		0	ENGINE RUNAWAY SUDDEN ACCELERATIONS	N	FUEL THROTTLE LINKAGE AND CONTROL	HUDSON	NY	12000	WHEN APPLYING ACCELERATOR PEDAL IT WILL GO TO THE FLOOR INTERMITTENTLY (ENGINE WILL NOT REV - NO VEHICLE WILL NOT MOVE FORWARD) VEHICLE WAS REPAIRED AFTER CONSUMER WAS AT A STOP. WHEN STARTED TO ACCELERATE AND VEHICLE DID NOT RESPOND, DAMAGE TO VEHICLE UNKNOWN AT THIS TIME. AT THIS TIME 2 REPAIRS WERE DONE. 1. VEHICLE STOPPED BY INTERDICTION WITH ENGINE RUNNING NORMALLY. ACCELERATOR DECREASED BUT ENGINE DID NOT INCREASE SPEED. VEHICLE MOVED INTO INTERSECTION AT IDLE BEFORE BRAKES COULD BE APPLIED. NO ACCIDENT RESULTED. DEALER REPLACED PEDAL ASSEMBLY UNDER WARRANTY. 2. THE VEHICLE WILL LOSE POWER WITH THE ENGINE LIGHT COMING ON. CAUSE UNKNOWN. THE FORD DEALER HAS HAD THE VEHICLE FOR THREE DAYS. STAFFS THAT VEHICLE HAS GETTING SOME SORT OF RESISTANCE. THE VEHICLE WAS A DUMP TRAILER WITH THE SAME PROBLEM. 3. THE CONSUMER STATES THAT HE HAS TAKEN THE VEHICLE TO ANOTHER FORD DEALER AND THEY SEEMED TO HAVE REPRODUCED THE PROBLEM. VEHICLE ACCELERATOR. THE WINDSHIELD WAS LEAKING REEVAL. BESTEL LEAKING. THE VEHICLE HAS BEEN DOWN SINCE THE LAST REPAIR. NOW THE WINDSHIELD IS LEAKING WATER AND IS RUNNING BEHIND THE DASHBOARD. THE CONSUMER HAS ALSO EXPERIENCED THE FOLLOWING: WHEN STOPPING THE VEHICLE FEELS LIKE THE DRIVELINE SHIFTS FORWARD-LOWERING. WHEN STARTING OFF THE VEHICLE SHIFTS BACKWARDS. THE CONNECTION IS NOT FULLY SET. (CONSUMER ADDED) AND THE INJECTOR HARNESSES INTERMITTENTLY ON. (CONSUMER LOGS LIGHT VALVE CONNECTIONS HARNESSES CONNECTION CALLED HIGH RESISTANCE CLEARED. "ECC"
789001	FORD MOTOR COMPANY	1982	EXCURSION	1982		24-Jun-82	24-Jun-82		0	UNKNOWN	N	FUEL THROTTLE LINKAGE AND CONTROL	MEDANINGVILLE	VA	26700	
8012345	FORD MOTOR COMPANY	1972	F150	1972		1-Aug-82	1-Aug-82		0	BRACKET OPERATION POOR PERFORMANCE	N	ENGINE	HOUSTON	TX	14000	
471231	FORD MOTOR COMPANY	1976	F150	1976		24-Jun-82	24-Jun-82		0	UNKNOWN	N	SOLENOID, ADAPTOR, ACCELERATOR AND BRAKE SYSTEM	HOUSTON	TX	28000	CONSUMER STATES THAT THE ENGINE LIGHT COMES ON. THE GAS PEDAL CEASES TO FUNCTION WITH ENGINE STILL RUNNING BUT VEHICLE WOULDN'T ACCELERATE. THE PROBLEM SEEMS TO BE INTERMITTENT. ALL DAY DEALER CONTACTED. TS

From: Liposky, Lawrence (L.J.)
Sent: Friday, August 16, 2002 5:12 PM
To: West, Gregory (G.S.); Hafner, Rachel (R.E.); Liposky, Lawrence (L.J.); 'akalsi@tfxauto.com'; 'gmauson@tfxauto.com'
Cc: Sherard, Gail (G.); Lowman, Harold (H.R.); Guys, Philip (P.R.); Thompson, Greg (G.J.)
Subject: Teleflex Adj. Accel Pedal

Current production issue. 8-16-02 TFX / Ford meeting minutes attached.



TFXTRACK.doc



ETC Warranty -
Wam Wipers.doc...

Larry Liposky
Supervisor - Tough Truck
Accelerator/VMV Components
Phone 24-81726
Pager 796-0949

From: Mitchell, Vicky (V.B.)
Sent: Tuesday, August 06, 2002 7:51 AM
To: McDonagh, Scot (S.M.); West, Gregory (G.S.); Liposky, Lawrence (L.J.)
Cc: Kramer, Michael (M.T.)
Subject: RE: 2002 MY Super Duty / Excursion 23CZ 9F836 TELEFLEX PEDAL WARRANTY CLAIMS

Please note corrected DTC Summary Report. I apologize for any inconvenience.



Revised PEDAL DTC
Summary Repo....

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

From: Mitchell, Vicky (V.B.)
Sent: Monday, August 05, 2002 3:25 PM
To: McDonagh, Scot (S.M.); West, Gregory (G.S.); Liposky, Lawrence (L.J.)
Cc: Kramer, Michael (M.T.)
Subject: 2002 MY Super Duty / Excursion 23CZ 9F836 TELEFLEX PEDAL WARRANTY CLAIMS

Please note the attached file which contains 2002 Teleflex warranty "claims" and pareto's for your analysis and review. Any questions or concerns may be addressed to VMITCHEL or MKRAMER1.

<< File: PEDAL.xls >>

2002 MY Super Duty/Excursion
- 23CZ 9F836 - TELEFLEX PEDAL

DTC CODE(S) SUMMARY REPORT

TOTAL # of TELEFLEX Claims: 1,450

DTC Code(s): # of Occurrences:

PO122	5*
PO123	7
PO221	237*
	<hr/>
	249
	<hr/>

*Revised

From: Liposky, Lawrence (L.J.)
Sent: Tuesday, November 19, 2002 2:55 PM
To: Don Green; Giriraj Srinivasan; Gregory West; Guam But; Mark Laroux; Reni Tome; Ron Gaw
Subject: FW: Stationary Components Warranty Data Update

I had Karen break down specific to vehicle line and part # Most of warranty is Pedal and Sensor. Still see some Cruise Control Servo issues. Any thoughts ??

Larry Liposky
Supervisor - Tough Truck
Accelerator/MMV Components
Phone 24-81726
Pager 796-0949

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

From: Miller, Karen (K.A.)
Sent: Thursday, November 14, 2002 9:42 AM
To: Liposky, Lawrence (L.J.)
Subject: RE: Stationary Components Warranty Data Update

Larry,
The attached file contains accelerator controls warranty by TT vehicle line and part number at 3 MIS R/1000. The first half are 2001 model year, continue down to see 2002 model year.



local ctrl by VL & Pt
#.xls

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

From: Liposky, Lawrence (L.J.)
Sent: Friday, November 08, 2002 10:47 AM
To: Miller, Karen (K.A.)
Subject: FW: Stationary Components Warranty Data Update

Karen, is it possible to get data cut at one more level. Example, by accel controls, vehicle line, part # ??

Larry Liposky
Supervisor - Tough Truck
Accelerator/MMV Components
Phone 24-81726
Pager 796-0949

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

From: Brennan, Patrick (P.M.)
Sent: Friday, November 08, 2002 8:53 AM
To: Bess, Raymond (R.); Fiorini, John (J.I.); Frantzeskakis, Petros (P.); Hinds, Brett (B.S.); Jones, Jennifer (J.O.); Liposky, Lawrence (L.J.); Zhou, Steven (S.)
Subject: FW: Stationary Components Warranty Data Update

be ready to discuss at the 11/19 QST your subsystems in detail.
thanks.

Pat Brennan
Powertrain Engineering Manager - Stationary Components, North American Truck
Phone: 313 323 0621
Fax: 313 323 1153
pbrennan@ford.com

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

From: Miller, Karen (K.A.)
Sent: Thursday, November 07, 2002 4:05 PM
To: Brennan, Patrick (P.M.); Brewer, Gary (G.L.); Conroy, Jerry (J.R.); Daum, Pat (P.L.); Fascetti, Bob (R.L.); Freese, Charlie (C.E.); Glowacz, Gary (G.J.); Guys, Philip (P.R.); Heller, Michael (M.D.); Kramer, Michael (M.T.); Lowman, Harold (H.R.); McCoy, Julie (J.); Miller, Cary (C.D.); Miller, Karen (K.A.); Neugebors, Kurt (K.L.); Paskus, Anthony (A.); Samardzich, Raul (R.L.); Sherani, Gail (G.); Thompson, Greg (G.L.); Zhou, Jianhua (J.)
Subject: Stationary Components Warranty Data Update

Please see the attached files updated to the latest warranty cut-off date, in preparation for the next QST meeting on November 19th. The backbone topic of discussion will be Stationary Components.

<< File: Stat Comp QST TT Sept CO.xls >> << File: Stat Comp QST OF Sept CO.xls >>

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CONFIDENTIAL

RANK	MOD YEAR	Vehicle Line AWS	Part Num Base (Causal)	R/1000 @ 3 MS
		2001 F7 - F250HD/350/450/550	TOTAL	4.14
1		2001 F7 - F250HD/350/450/550	9F836 - PEDAL & SENSOR ASY	3.04
2		2001 F7 - F250HD/350/450/550	9C735 - SERVO SPEED CNTL	0.49
3		2001 F7 - F250HD/350/450/550	9C888 - SWITCH-SP CNT ACTUR	0.22
4		2001 F7 - F250HD/350/450/550	9818 - ROD ASY GOV TO CARB	0.07
5		2001 F7 - F250HD/350/450/550	9A825 - ACTUATOR ASSY	0.07
6		2001 F7 - F250HD/350/450/550	9725 - ACCELERATOR ROD	0.05
7		2001 F7 - F250HD/350/450/550	9A758 - CABLE-ACC PEDAL TO C	0.05
8		2001 F7 - F250HD/350/450/550	9F924 - SWITCH SPD CNTRL	0.05
9		2001 F7 - F250HD/350/450/550	9A818 - KIT SPEED CONTROL	0.03
10		2001 F7 - F250HD/350/450/550	9735 - PEDAL ASY-ACCELERATO	0.02
		2001 L1 - EXCURSION	TOTAL	3.04
1		2001 L1 - EXCURSION	9F836 - PEDAL & SENSOR ASY	1.1
2		2001 L1 - EXCURSION	9C735 - SERVO SPEED CNTL	1.03
3		2001 L1 - EXCURSION	9C888 - SWITCH-SP CNT ACTUR	0.25
4		2001 L1 - EXCURSION	9818 - ROD ASY GOV TO CARB	0.24
5		2001 L1 - EXCURSION	9A825 - ACTUATOR ASSY	0.15
6		2001 L1 - EXCURSION	9A758 - CABLE-ACC PEDAL TO C	0.07
7		2001 L1 - EXCURSION	9A818 - KIT SPEED CONTROL	0.07
8		2001 L1 - EXCURSION	9735 - PEDAL ASY-ACCELERATO	0.04
9		2001 L1 - EXCURSION	9F924 - SWITCH SPD CNTRL	0.04
10		2001 L1 - EXCURSION	9725 - ACCELERATOR ROD	0.03
		2001 E1 - ECONOLINE	TOTAL	1.21
1		2001 E1 - ECONOLINE	9C735 - SERVO SPEED CNTL	0.44
2		2001 E1 - ECONOLINE	9F836 - PEDAL & SENSOR ASY	0.3
3		2001 E1 - ECONOLINE	9C888 - SWITCH-SP CNT ACTUR	0.15
4		2001 E1 - ECONOLINE	9A758 - CABLE-ACC PEDAL TO C	0.11
5		2001 E1 - ECONOLINE	9A825 - ACTUATOR ASSY	0.09
6		2001 E1 - ECONOLINE	9818 - ROD ASY GOV TO CARB	0.03
7		2001 E1 - ECONOLINE	9C736 - BRKT SPEED CONTROL S	0.03
8		2001 E1 - ECONOLINE	9E786 - SPLASH SHLD EGR VALV	0.02
9		2001 E1 - ECONOLINE	9F924 - SWITCH SPD CNTRL	0.02
10		2001 E1 - ECONOLINE	9725 - ACCELERATOR ROD	0.01
		2001 F5 - F150/250LD/CR CAB	TOTAL	1.18
1		2001 F5 - F150/250LD/CR CAB	9C735 - SERVO SPEED CNTL	0.32
2		2001 F5 - F150/250LD/CR CAB	9A758 - CABLE-ACC PEDAL TO C	0.24
3		2001 F5 - F150/250LD/CR CAB	9C888 - SWITCH-SP CNT ACTUR	0.22
4		2001 F5 - F150/250LD/CR CAB	9A825 - ACTUATOR ASSY	0.11
5		2001 F5 - F150/250LD/CR CAB	9725 - ACCELERATOR ROD	0.07
6		2001 F5 - F150/250LD/CR CAB	9E786 - SPLASH SHLD EGR VALV	0.08
7		2001 F5 - F150/250LD/CR CAB	9F924 - SWITCH SPD CNTRL	0.05
8		2001 F5 - F150/250LD/CR CAB	9758 - CABLE-ACC PEDAL TO C	0.02
9		2001 F5 - F150/250LD/CR CAB	9818 - ROD ASY GOV TO CARB	0.02
10		2001 F5 - F150/250LD/CR CAB	9735 - PEDAL ASY-ACCELERATO	0.01
		2001 R1 - RANGER NON ELECTRIC	TOTAL	1.08
1		2001 R1 - RANGER NON ELECTRIC	9C888 - SWITCH-SP CNT ACTUR	0.3
2		2001 R1 - RANGER NON ELECTRIC	9A758 - CABLE-ACC PEDAL TO C	0.21
3		2001 R1 - RANGER NON ELECTRIC	9C735 - SERVO SPEED CNTL	0.17
4		2001 R1 - RANGER NON ELECTRIC	9A825 - ACTUATOR ASSY	0.1
5		2001 R1 - RANGER NON ELECTRIC	9F924 - SWITCH SPD CNTRL	0.08

6	2001 R1 - RANGER NON ELECTRIC	9725 - ACCELERATOR ROD	0.06
7	2001 R1 - RANGER NON ELECTRIC	9818 - ROD ASY GOV TO CARB	0.04
8	2001 R1 - RANGER NON ELECTRIC	9A818 - KIT SPEED CONTROL	0.03
9	2001 R1 - RANGER NON ELECTRIC	9735 - PEDAL ASY-ACCELERATO	0.02
10	2001 R1 - RANGER NON ELECTRIC	9E766 - SPLASH SHLD EGR VALV	0.02
	2002 L1 - EXCURSION	TOTAL	3.9
1	2002 L1 - EXCURSION	9F836 - PEDAL & SENSOR ASY	3.19
2	2002 L1 - EXCURSION	9C735 - SERVO SPEED CNTL	0.35
3	2002 L1 - EXCURSION	9C888 - SWITCH-SP CNT ACTUR	0.12
4	2002 L1 - EXCURSION	9A825 - ACTUATOR ASSY	0.09
5	2002 L1 - EXCURSION	9A758 - CABLE-ACC PEDAL TO C	0.08
6	2002 L1 - EXCURSION	9725 - ACCELERATOR ROD	0.04
7	2002 L1 - EXCURSION	9735 - PEDAL ASY-ACCELERATO	0.04
8	2002 L1 - EXCURSION	9715 - SPCR-THROT CONTR CABLE	
9	2002 L1 - EXCURSION	9726 - SHAFT ASY-ACEL PDL	
10	2002 L1 - EXCURSION	9728 - ACCELERATOR CONTROL KIT	
	2002 F7 - F250HD/350/450/550	TOTAL	3.48
1	2002 F7 - F250HD/350/450/550	9F836 - PEDAL & SENSOR ASY	2.91
2	2002 F7 - F250HD/350/450/550	9C888 - SWITCH-SP CNT ACTUR	0.22
3	2002 F7 - F250HD/350/450/550	9C735 - SERVO SPEED CNTL	0.12
4	2002 F7 - F250HD/350/450/550	9F924 - SWITCH SPD CNTRL	0.06
5	2002 F7 - F250HD/350/450/550	9725 - ACCELERATOR ROD	0.05
6	2002 F7 - F250HD/350/450/550	9A758 - CABLE-ACC PEDAL TO C	0.04
7	2002 F7 - F250HD/350/450/550	9A825 - ACTUATOR ASSY	0.04
8	2002 F7 - F250HD/350/450/550	9735 - PEDAL ASY-ACCELERATO	0.01
9	2002 F7 - F250HD/350/450/550	9818 - ROD ASY GOV TO CARB	0.01
10	2002 F7 - F250HD/350/450/550	9A818 - KIT SPEED CONTROL	0.01
	2002 E1 - ECONOLINE	TOTAL	1.35
1	2002 E1 - ECONOLINE	9C735 - SERVO SPEED CNTL	0.66
2	2002 E1 - ECONOLINE	9F836 - PEDAL & SENSOR ASY	0.19
3	2002 E1 - ECONOLINE	9C888 - SWITCH-SP CNT ACTUR	0.13
4	2002 E1 - ECONOLINE	9A758 - CABLE-ACC PEDAL TO C	0.12
5	2002 E1 - ECONOLINE	9A825 - ACTUATOR ASSY	0.09
6	2002 E1 - ECONOLINE	9F924 - SWITCH SPD CNTRL	0.07
7	2002 E1 - ECONOLINE	9735 - PEDAL ASY-ACCELERATO	0.03
8	2002 E1 - ECONOLINE	9725 - ACCELERATOR ROD	0.02
9	2002 E1 - ECONOLINE	9A818 - KIT SPEED CONTROL	0.02
10	2002 E1 - ECONOLINE	9E766 - SPLASH SHLD EGR VALV	0.02
	2002 F5 - F150/250LD/CR CAB	TOTAL	1.14
1	2002 F5 - F150/250LD/CR CAB	9C735 - SERVO SPEED CNTL	0.42
2	2002 F5 - F150/250LD/CR CAB	9C888 - SWITCH-SP CNT ACTUR	0.22
3	2002 F5 - F150/250LD/CR CAB	9A758 - CABLE-ACC PEDAL TO C	0.15
4	2002 F5 - F150/250LD/CR CAB	9A825 - ACTUATOR ASSY	0.12
5	2002 F5 - F150/250LD/CR CAB	9725 - ACCELERATOR ROD	0.06
6	2002 F5 - F150/250LD/CR CAB	9F924 - SWITCH SPD CNTRL	0.06
7	2002 F5 - F150/250LD/CR CAB	9818 - ROD ASY GOV TO CARB	0.03
8	2002 F5 - F150/250LD/CR CAB	9E766 - SPLASH SHLD EGR VALV	0.02
9	2002 F5 - F150/250LD/CR CAB	9735 - PEDAL ASY-ACCELERATO	0.01
10	2002 F5 - F150/250LD/CR CAB	9737 - SPRING-ACC TO B/CRAN	0.01
	2002 R1 - RANGER NON ELECTRIC	TOTAL	1.06
1	2002 R1 - RANGER NON ELECTRIC	9A758 - CABLE-ACC PEDAL TO C	0.31
2	2002 R1 - RANGER NON ELECTRIC	9C888 - SWITCH-SP CNT ACTUR	0.27

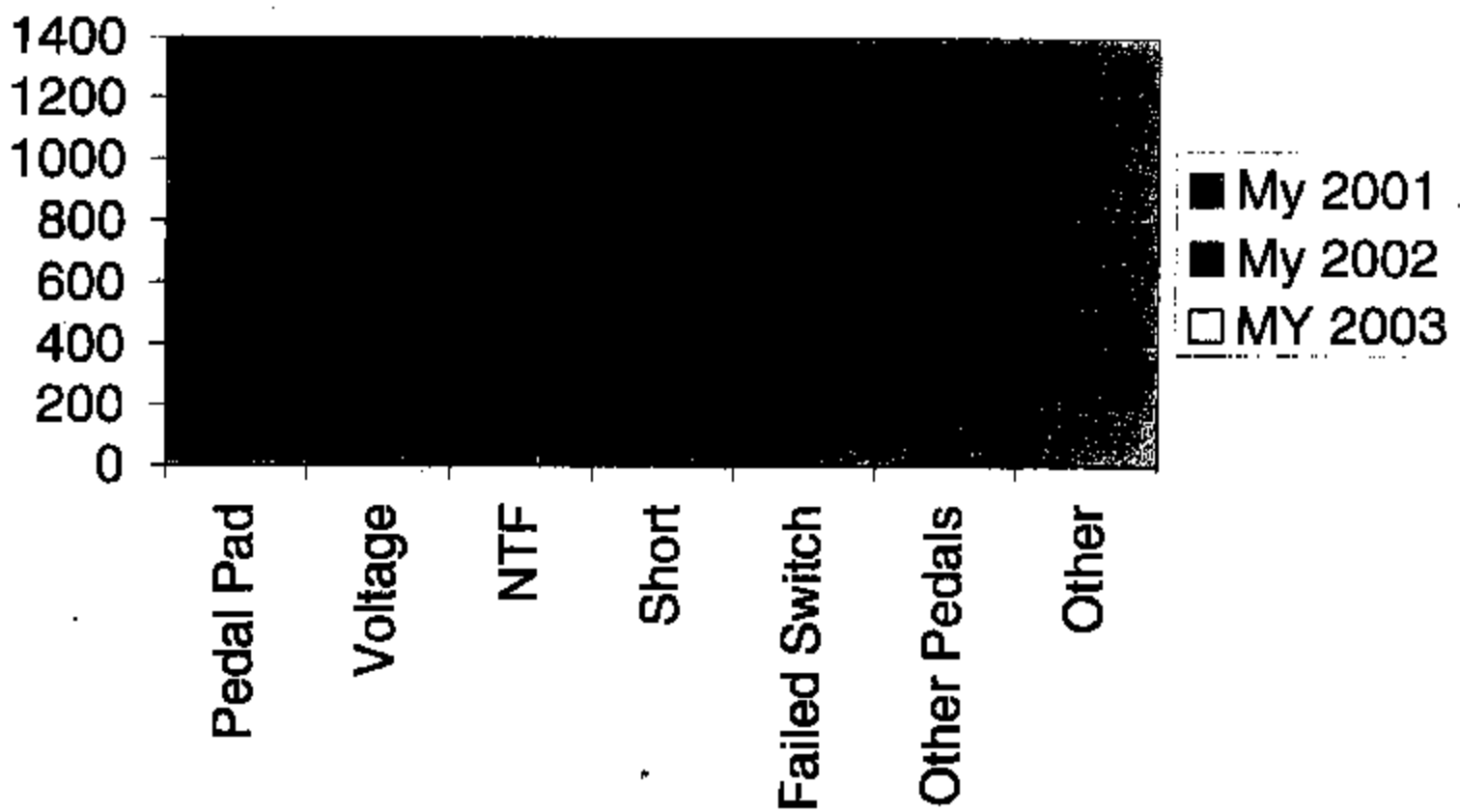
3 2002 R1 - RANGER NON ELECTRIC 9C735 - SERVO SPEED CNTRL 0.16
4 2002 R1 - RANGER NON ELECTRIC 9A825 - ACTUATOR ASSY 0.13
5 2002 R1 - RANGER NON ELECTRIC 9F924 - SWITCH SPD CNTRL 0.1
6 2002 R1 - RANGER NON ELECTRIC 9725 - ACCELERATOR ROD 0.04
7 2002 R1 - RANGER NON ELECTRIC 9735 - PEDAL ASY-ACCELERATO 0.02
8 2002 R1 - RANGER NON ELECTRIC 9758 - CABLE-ACC PEDAL TO C 0.01
9 2002 R1 - RANGER NON ELECTRIC 9818 - ROD ASY GOV TO CARB 0.01
10 2002 R1 - RANGER NON ELECTRIC 9C734 - SERVO & BRKT SPEED CN 0.01

From: Miers, Jerry [jmiers@waco.com]
Sent: Wednesday, March 19, 2003 8:39 AM
To: 'gwest2@ford.com'
Subject: Returned Parts

10/2/2003

FE83-844 18128

Warranty returns by Model Year 12/31/02



Failure Mode	Containment Action	Permanent Corrective Action	2001	R/1000 2001	2002 Thru June 02	R/1000 2002	Comments
Ped-Pad	1/1/2001	5/1/2001	486	1.83	18	0.09	New design for pedal pin 9/23/02
Voltage Shifts (P0221)	3/1/2001	5/5/2001	359	1.46	0	0	
Short (P0123)	None	Ford 01/01/2002	8	0.03	33	0.19	
NFT (P0122/221)	None	9/23/2002	67	0.28	61	0.30	Units could be related to overload condition. Forced lever implemented 08/02
Switch Failure (P0220)		9/23/2002	21	0.08	30	0.18	Units could be related to overload & shorts condition. Forced lever implemented 08/02
Telex			25		39		

AS of 09/17/02

Warranty Analysis Breakdown

Failure Mode	Containment Action	Permanent Corrective Action	01	02	R/1000		R/1000		Comments
					2001	2002	2001	2002	
Pad-Pad	1/1/2001	5/1/2001	24	1	1118	27	2.84	0.19	New design for pedal pin 6/23/02
Voltage Shorts (P0221)	3/1/2001	5/6/2001	9	5	486	42	2.06	0.29	
Short (P0123)	None	Ford 01/01/2002	1	5	16	59	0.07	0.41	
NFT (P0122/221)	None	2/23/2002	9	8	189	119	0.51	0.53	Units could be related to overload condition. Parked lever implemented 08/02
Switch Failure (P0220)		5/23/2002	2	1	54	6	0.22	0.04	Units could be related to overload & shorts condition. Parked lever implemented 08/02
Telex			1	1	28	40			
AS of 09/17/02	241000	Shipped 2001							
From 09/17 to 10/21	144000	Shipped 2002							
From 10/21-10/31			43	19					

Warranty Analysis Breakdown

Failure Mode	Containment Action	Permanent Corrective Action	01	02	03	R/1000		Comments		
						2001	2002			
Pad-Rad	1/1/2001	5/1/2001	71	5	2	1128	4.93	51	0.22	New design for pedal pin 6/23/02 (Addition of 6 pins)
Voltage Shifts (P0221)	3/1/2001	5/6/2001	18	18	2	511	2.12	25	0.26	
Short (P0123)	None	Ford 01/01/2002	1	2	0	19	0.05	28	0.40	
NTF (P0122/221)	None	6/23/2002	21	37	3	217	0.90	148	1.03	Units could be related to overload condition. Forbed lever implemented 05/02
Switch Failure (P0220)		6/23/2002	1	0	0	55	0.23	6	0.03	Units could be related to overload & shorts condition. Forbed lever implemented 05/02
Telex			2	5	1	28		44		
	241000	Shipped 2001								
	144000	Shipped 2002								
From 12/01-12/31 2002			111	67	8					



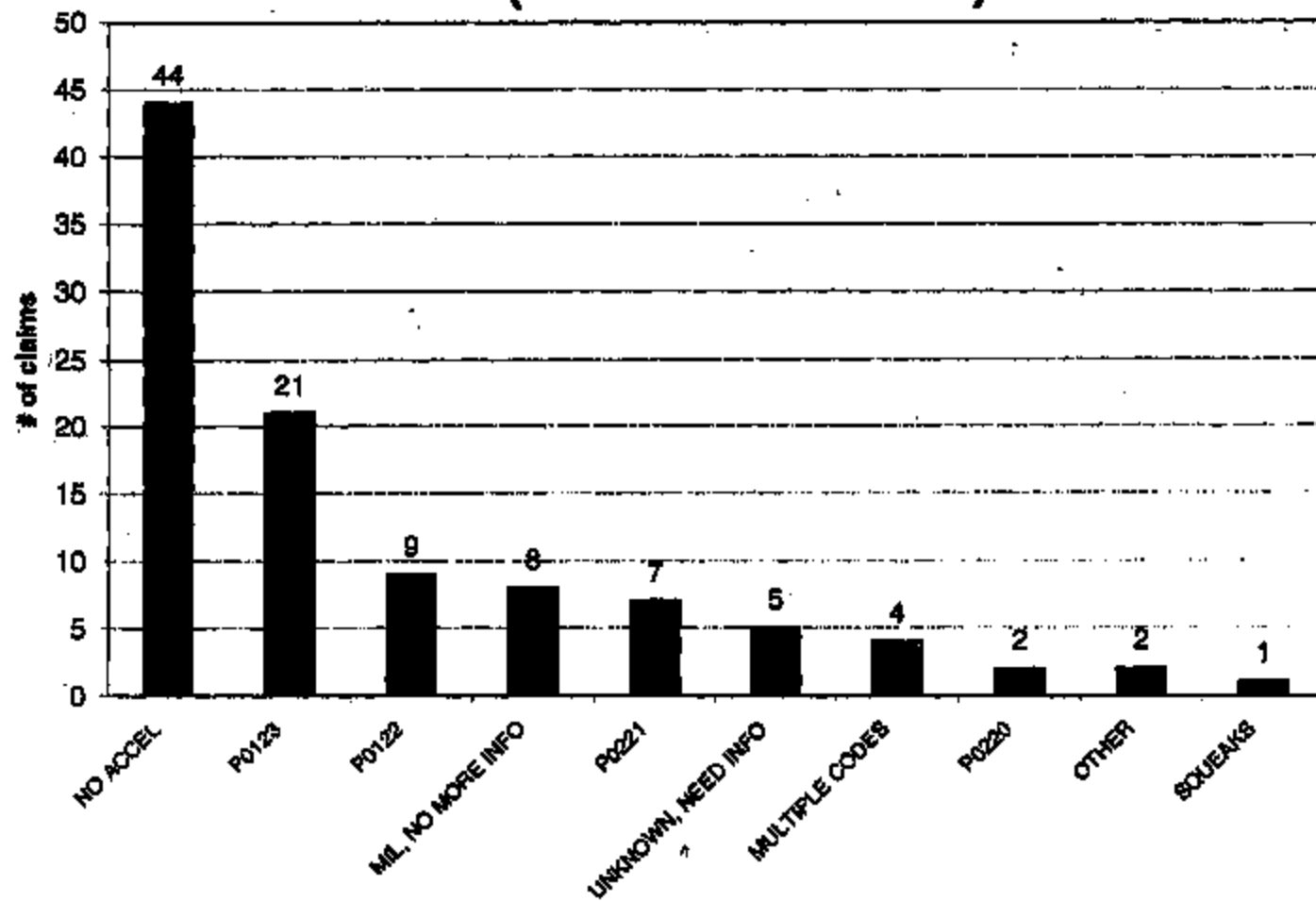
From: Miers, Jerry [jmiers@wmco.com]
Sent: Wednesday, March 19, 2003 8:45 AM
To: 'gwest2@ford.com'
Subject: Analysis of AWS

Large file

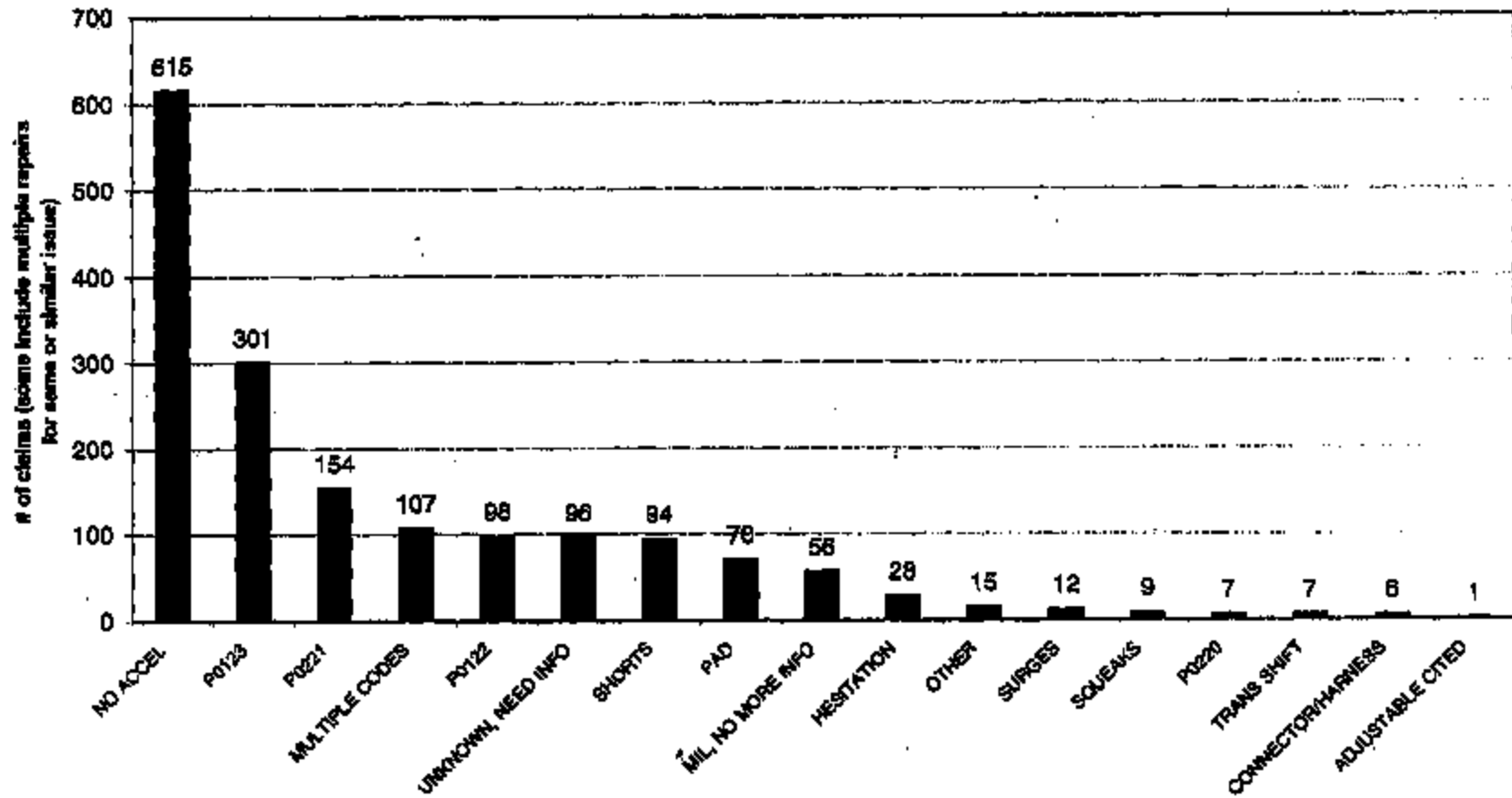
10/2/2003

FE03-044 10133

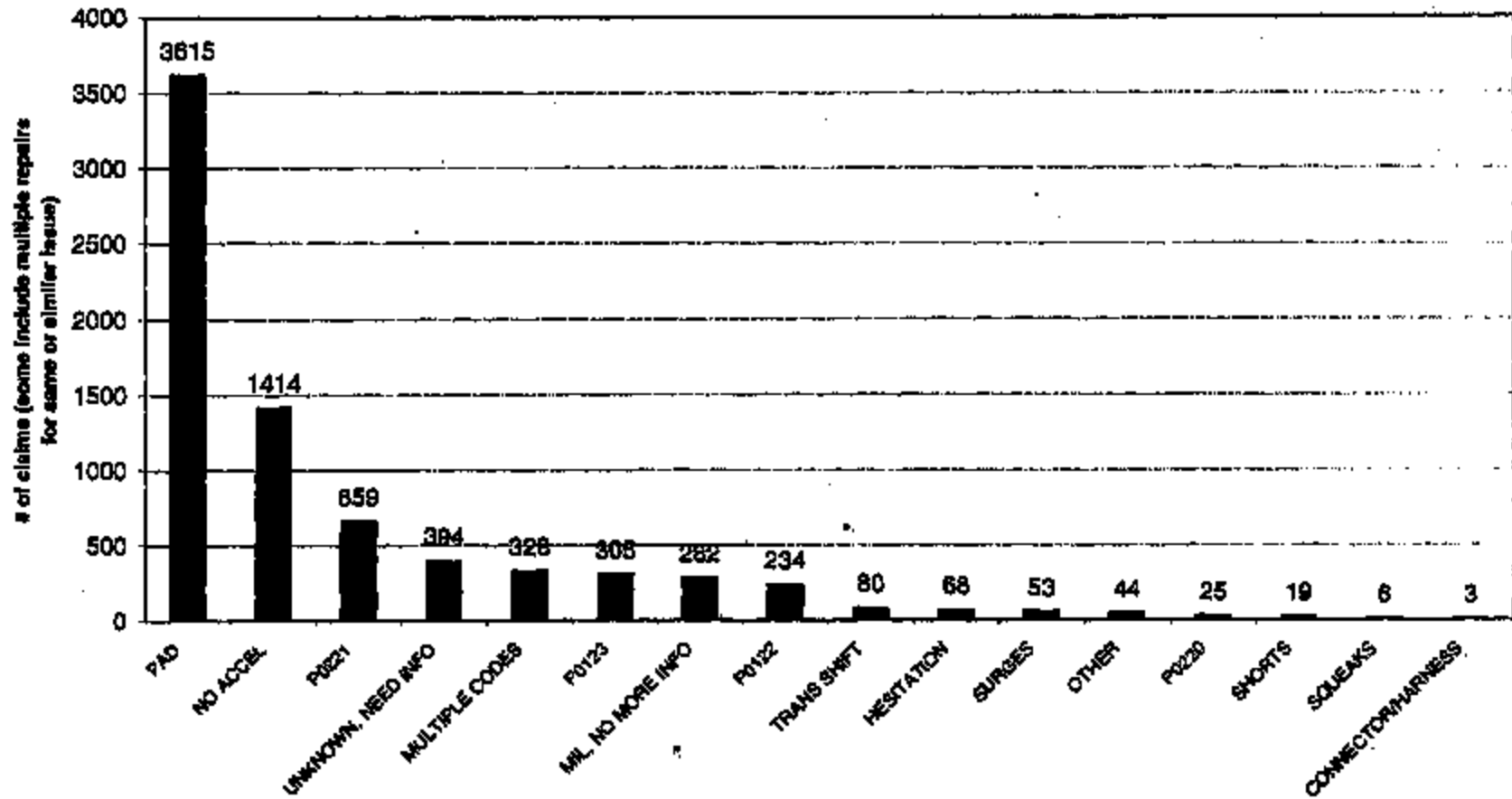
2003 MY Pedal Claim Quick Analysis (total claims = 103)



2002 MY Pedal Claims Quick Analysis (total claims = 1676)



2001 MY Pedal Claims Quick Analysis (total claims = 7529)



PLANT_CD	LAB_COST	PRODM_DT	WRTT_START_DT	PART_NUM_CALL_FREE	PART_NUM_CALL_BASK	PART_NUM_CALL_BRF	PLANT_DT	TRM_YEAR	PLM_REF	VAL_OF	INTL_COST	TOT_COST_BRODR	LAB_HRS	OUR_CD	PLANT_PROD_CD	TECH_TXT	TRM_TXT
1FTN02172	144.84	10-Aug-90	10-Aug-90				10-Aug-90	0	800007	18	78.84	261.79	2.2	1		SA W/DRIPED COOLANT - TEST ONLY DUE TO LOW V/CX UNIT	
1FTN02173	50.97	7-Sep-90	7-Sep-90				7-Sep-90	24	800177	47768	548.86	1788.43	8.7	1		TYPER TEST 42 DAY 28 CUSTOMER STAFF VEHICLE LOSS (CR)	
1FTN02174	284.51	1-Oct-90	14-Sep-90				1-Oct-90	4	791484	2084	79.85	188.13	1.5	1		APPROXIMATE ROAD TEST VEH HAD NO ACCIDENTS FROM BE	
1FTN02175	33.28	1-Oct-90	21-Sep-90				1-Oct-90	11	800000	18211	78.85	547.27	4.1	1		TEST W/DRIPED COOLANT - PERFORMANCE DUG STRIP (CR)	
1FTN02176	67.87	1-Oct-90	21-Sep-90				1-Oct-90	12	800000	35917	81.81	61.83	0.8	1		VEHICLE CONDITION WAS EXCELLENT THAT ROLLOVER TO R/S H/D 2012. IN	
1FTN02177	44.3	1-Oct-90	24-Sep-90				1-Oct-90	22	800000	35917	81.81	184.88	1	1		THROUGH POSITION SENSOR. FUEL CONSUMPTION PERFORMANCE IN	
1FTN02178	235.94	2-Oct-90	30-Sep-90				2-Oct-90	14	614724	30824	78.78	518.87	5.5	1		OK. MOST PERFORMANCE CONCERNS AT 72 TESTED COOLANT TEST IN	
1FTN02179	67.07	2-Oct-90	18-Oct-90				2-Oct-90	23	1053891	28221	81.81	178.48	1.3	1		LA. ROAD TEST NO POWER WHEN TAKING OFF FROM STOP (CR)	
1FTN02180	69.4	3-Oct-90	25-Sep-90				3-Oct-90	17	1053891	83904	81.81	151.83	1	1		LA. ROAD TEST NO POWER WHEN TAKING OFF FROM STOP (CR)	
1FTN02181	69.4	3-Oct-90	25-Sep-90				3-Oct-90	24	8277282	17824	81.81	171.82	1.3	1		LA. ROAD TEST NO POWER WHEN TAKING OFF FROM STOP (CR)	
1FTN02182	74.38	1-Oct-90	8-Aug-90				1-Oct-90	7	8002488	28923	78.85	185.11	1.3	1		LA. ROAD TEST NO POWER WHEN TAKING OFF FROM STOP (CR)	
1FTN02183	180.94	1-Oct-90	7-Aug-90				1-Oct-90	17	1053891	27872	81.81	398.2	3	1		LA. ROAD TEST NO POWER WHEN TAKING OFF FROM STOP (CR)	
1FTN02184	170.77	4-Oct-90	20-Sep-90				4-Oct-90	28	1053891	42606	87.46	188.48	1.9	1		LA. ROAD TEST NO POWER WHEN TAKING OFF FROM STOP (CR)	
1FTN02185	187.4	4-Oct-90	20-Sep-90				4-Oct-90	21	1053891	31105	87.46	288.08	3	1		LA. ROAD TEST NO POWER WHEN TAKING OFF FROM STOP (CR)	
1FTN02186	288.18	4-Oct-90	20-Sep-90				4-Oct-90	21	800103	24185	87.46	309.26	4.3	1		LA. ROAD TEST NO POWER WHEN TAKING OFF FROM STOP (CR)	
1FTN02187	91.7	4-Oct-90	18-Oct-90				4-Oct-90	28	1053891	17827	81.81	156.08	0.8	1		LA. ROAD TEST NO POWER WHEN TAKING OFF FROM STOP (CR)	
1FTN02188	43.84	4-Oct-90	18-Oct-90				4-Oct-90	28	800103	34819	87.46	134.06	0.8	1		LA. ROAD TEST NO POWER WHEN TAKING OFF FROM STOP (CR)	
1FTN02189	288.26	4-Oct-90	18-Oct-90				4-Oct-90	13	800103	27125	118.20	419.74	4.7	1		LA. ROAD TEST NO POWER WHEN TAKING OFF FROM STOP (CR)	
1FTN02190	80.83	4-Oct-90	17-Oct-90				4-Oct-90	18	787424	10538	103.44	701.44	6.4	1		LA. ROAD TEST NO POWER WHEN TAKING OFF FROM STOP (CR)	
1FTN02191	71.5	4-Oct-90	18-Oct-90				4-Oct-90	28	800103	10538	87.46	131.24	1	1		LA. ROAD TEST NO POWER WHEN TAKING OFF FROM STOP (CR)	
1FTN02192	87.72	3-Oct-90	4-Oct-90				3-Oct-90	11	488103	7359	78.85	137.98	1.1	1		LA. ROAD TEST NO POWER WHEN TAKING OFF FROM STOP (CR)	
1FTN02193	273.90	3-Oct-90	31-Oct-90				3-Oct-90	22	1051078	18501	165.56	438.54	3.8	1		MO. ROAD TEST NO POWER WHEN TAKING OFF FROM STOP (CR)	
1FTN02194	48.74	3-Oct-90	31-Oct-90				3-Oct-90	14	800103	10538	78.85	518.8	0.9	1		TX. ROAD TEST NO POWER WHEN TAKING OFF FROM STOP (CR)	
1FTN02195	289.4	3-Oct-90	17-Oct-90				3-Oct-90	29	1014424	3881	87.46	358.12	2.8	1		TX. ROAD TEST NO POWER WHEN TAKING OFF FROM STOP (CR)	
1FTN02196	68.42	3-Oct-90	27-Oct-90				3-Oct-90	19	788338	38020	107.87	208.06	1.4	1		MI. ROAD TEST NO POWER WHEN TAKING OFF FROM STOP (CR)	
1FTN02197	64.41	3-Oct-90	18-Oct-90				3-Oct-90	23	1047841	10538	87.46	188.45	1.8	1		LA. ROAD TEST NO POWER WHEN TAKING OFF FROM STOP (CR)	
1FTN02198	88.86	3-Oct-90	25-Sep-90				3-Oct-90	18	708888	24001	87.46	146.8	1	1		AZ. ROAD TEST NO POWER WHEN TAKING OFF FROM STOP (CR)	
1FTN02199	288.7	3-Oct-90	22-Oct-90				3-Oct-90	18	1051078	18781	111.13	474.82	3.7	1		UT. ROAD TEST NO POWER WHEN TAKING OFF FROM STOP (CR)	
1FTN02200	63.8	1-Nov-90	14-Nov-90				1-Nov-90	17	788338	38428	107.87	148.77	1.1	1		TX. DIAG ENGINE LIGHT ON TEST COOLANT TEST IN FRONT OF VEH	
1FTN02201	132.78	6-Oct-90	24-Sep-90				6-Oct-90	3	800103	31771	78.85	211.65	2.2	1		IN. SHUT ENGINE LIGHT ON TEST COOLANT TEST IN FRONT OF VEH	
1FTN02202	288.78	7-Oct-90	7-Nov-90				7-Oct-90	17	488103	18844	78.85	388.48	4.8	1		TX. RUN PERFORMANCE TEST AT 72 TESTED COOLANT TEST IN FR	
1FTN02203	81	4-Oct-90	31-Oct-90				4-Oct-90	21	1119888	28428	87.46	172.83	1.4	1		MI. RUN PERFORMANCE TEST AT 72 TESTED COOLANT TEST IN FR	
1FTN02204	78.87	4-Oct-90	18-Oct-90				4-Oct-90	28	1119888	69848	87.46	184.96	1	1		MI. RUN PERFORMANCE TEST AT 72 TESTED COOLANT TEST IN FR	
1FTN02205	78.4	4-Oct-90	28-Oct-90				4-Oct-90	28	1119888	10538	87.46	188.45	1.8	1		TX. ROAD TEST VEHICULAR LIGHTS ON TEST COOLANT TEST IN FR	
1FTN02206	288.7	4-Oct-90	28-Oct-90				4-Oct-90	27	1119888	10538	87.46	188.45	2.2	1		TX. ROAD TEST VEHICULAR LIGHTS ON TEST COOLANT TEST IN FR	
1FTN02207	48.58	10-Oct-90	28-Nov-90				10-Oct-90	18	811878	28001	87.46	158.48	0.8	1		TX. ROAD TEST VEHICULAR LIGHTS ON TEST COOLANT TEST IN FR	
1FTN02208	288.14	10-Oct-90	28-Nov-90				10-Oct-90	21	1001078	8443	87.46	378.78	4.2	1		TX. ROAD TEST VEHICULAR LIGHTS ON TEST COOLANT TEST IN FR	
1FTN02209	288.14	10-Oct-90	28-Nov-90				10-Oct-90	27	1248848	78133	87.46	308.18	3	1		TX. ROAD TEST VEHICULAR LIGHTS ON TEST COOLANT TEST IN FR	
1FTN02210	80	10-Oct-90	30-Oct-90				10-Oct-90	21	1248848	10538	87.46	188.45	1	1		TX. ROAD TEST VEHICULAR LIGHTS ON TEST COOLANT TEST IN FR	
1FTN02211	122.86	11-Oct-90	28-Oct-90				11-Oct-90	20	105788	18844	87.46	258.78	3	1		TX. ROAD TEST VEHICULAR LIGHTS ON TEST COOLANT TEST IN FR	
1FTN02212	177.06	11-Oct-90	28-Oct-90				11-Oct-90	20	105788	18844	87.46	258.78	3	1		TX. ROAD TEST VEHICULAR LIGHTS ON TEST COOLANT TEST IN FR	
1FTN02213	58.82	11-Oct-90	15-Oct-90				11-Oct-90	22	1051078	18501	87.46	157.74	1.2	1		TX. ROAD TEST VEHICULAR LIGHTS ON TEST COOLANT TEST IN FR	
1FTN02214	193.8	12-Oct-90	14-Nov-90				12-Oct-90	29	1119888	84174	87.46	358.12	2.2	1		CA. ROAD TEST VEHICULAR LIGHTS ON TEST COOLANT TEST IN FR	
1FTN02215	77.31	12-Oct-90	13-Nov-90				12-Oct-90	21	105788	38788	87.46	188.45	1.3	1		CA. ROAD TEST VEHICULAR LIGHTS ON TEST COOLANT TEST IN FR	
1FTN02216	121.31	12-Oct-90	24-Nov-90				12-Oct-90	1	1248848	2880	78.85	210.47	3	1		CA. ROAD TEST VEHICULAR LIGHTS ON TEST COOLANT TEST IN FR	
1FTN02217	121.31	12-Oct-90	24-Nov-90				12-Oct-90	24	1051078	8443	87.46	378.78	1.9	1		CA. ROAD TEST VEHICULAR LIGHTS ON TEST COOLANT TEST IN FR	
1FTN02218	88.34	12-Oct-90	21-Nov-90				12-Oct-90	1	2201078	8443	78.85	188.45	1.4	1		VA. CHECK ENGINE LIGHTS ON TEST COOLANT TEST IN FR	
1FTN02219	28.71	12-Oct-90	21-Nov-90				12-Oct-90	12	1119888	10538	87.46	188.45	1.4	1		VA. ROAD TEST VEHICULAR LIGHTS ON TEST COOLANT TEST IN FR	
1FTN02220	188.41	12-Oct-90	21-Nov-90				12-Oct-90	1	1119888	10538	78.85	207.27	2.2	1		VA. ROAD TEST VEHICULAR LIGHTS ON TEST COOLANT TEST IN FR	
1FTN02221	77.8	12-Oct-90	21-Nov-90				12-Oct-90	12	614724	6880	87.46	144.82	1.1	1		NY. ROAD TEST VEHICULAR LIGHTS ON TEST COOLANT TEST IN FR	

LINE_CO	LINE_COST	VERSION_DT	ACTIVITY_START_DT	PART_MOM_CAND_PRES	PART_MOM_CAND_BAS	PART_MOM_CAND_REL	TYPE_DT	TITLE_WORD	CLM_KEY	EMPL_ID	INITIAL_COST	TOT_COST_GROSS	LINE_JOB	LINE_ITEM_CD	ST_PRES_CD	TECH_TYPT	TECH_TYPT
1	102.24	7-1-91	11-1-91				CA			1	102.24	102.24	1.0		00	NON	
2	115.75	7-1-91	11-1-91				CA			2	115.75	115.75	1.0		00	NON	
3	191.75	7-1-91	11-1-91				CA			3	191.75	191.75	1.0		00	NON	
4	87.48	7-1-91	11-1-91				CA			4	87.48	87.48	1.0		00	NON	
5	118.28	7-1-91	11-1-91				CA			5	118.28	118.28	1.0		00	NON	
6	119.53	10-1-91	11-1-91				CA			6	119.53	119.53	1.0		00	NON	
7	189.79	10-1-91	11-1-91				CA			7	189.79	189.79	1.0		00	NON	
8	79.40	10-1-91	11-1-91				CA			8	79.40	79.40	1.0		00	NON	
9	287.97	10-1-91	11-1-91				CA			9	287.97	287.97	1.0		00	NON	
10	292.14	10-1-91	11-1-91				CA			10	292.14	292.14	1.0		00	NON	
11	107.6	10-1-91	11-1-91				CA			11	107.6	107.6	1.0		00	NON	
12	71.8	10-1-91	11-1-91				CA			12	71.8	71.8	1.0		00	NON	
13	349.17	10-1-91	11-1-91				CA			13	349.17	349.17	1.0		00	NON	
14	49.38	10-1-91	11-1-91				CA			14	49.38	49.38	1.0		00	NON	
15	807.42	10-1-91	11-1-91				CA			15	807.42	807.42	1.0		00	NON	
16	37.48	10-1-91	11-1-91				CA			16	37.48	37.48	1.0		00	NON	
17	174.74	10-1-91	11-1-91				CA			17	174.74	174.74	1.0		00	NON	
18	72.01	10-1-91	11-1-91				CA			18	72.01	72.01	1.0		00	NON	
19	47.21	10-1-91	11-1-91				CA			19	47.21	47.21	1.0		00	NON	
20	64.8	10-1-91	11-1-91				CA			20	64.8	64.8	1.0		00	NON	
21	71.22	10-1-91	11-1-91				CA			21	71.22	71.22	1.0		00	NON	
22	168.88	10-1-91	11-1-91				CA			22	168.88	168.88	1.0		00	NON	
23	21.86	10-1-91	11-1-91				CA			23	21.86	21.86	1.0		00	NON	
24	64	10-1-91	11-1-91				CA			24	64	64	1.0		00	NON	
25	243.35	10-1-91	11-1-91				CA			25	243.35	243.35	1.0		00	NON	
26	72.47	10-1-91	11-1-91				CA			26	72.47	72.47	1.0		00	NON	
27	121.28	10-1-91	11-1-91				CA			27	121.28	121.28	1.0		00	NON	
28	163.91	10-1-91	11-1-91				CA			28	163.91	163.91	1.0		00	NON	
29	278.2	10-1-91	11-1-91				CA			29	278.2	278.2	1.0		00	NON	
30	195.58	10-1-91	11-1-91				CA			30	195.58	195.58	1.0		00	NON	
31	248.28	10-1-91	11-1-91				CA			31	248.28	248.28	1.0		00	NON	
32	38.56	10-1-91	11-1-91				CA			32	38.56	38.56	1.0		00	NON	
33	181.26	10-1-91	11-1-91				CA			33	181.26	181.26	1.0		00	NON	
34	188.44	10-1-91	11-1-91				CA			34	188.44	188.44	1.0		00	NON	
35	60.28	10-1-91	11-1-91				CA			35	60.28	60.28	1.0		00	NON	
36	91.17	10-1-91	11-1-91				CA			36	91.17	91.17	1.0		00	NON	
37	81.31	10-1-91	11-1-91				CA			37	81.31	81.31	1.0		00	NON	
38	161.28	10-1-91	11-1-91				CA			38	161.28	161.28	1.0		00	NON	
39	41.39	10-1-91	11-1-91				CA			39	41.39	41.39	1.0		00	NON	
40	81.56	10-1-91	11-1-91				CA			40	81.56	81.56	1.0		00	NON	
41	84.15	10-1-91	11-1-91				CA			41	84.15	84.15	1.0		00	NON	
42	39.18	10-1-91	11-1-91				CA			42	39.18	39.18	1.0		00	NON	
43	167.75	10-1-91	11-1-91				CA			43	167.75	167.75	1.0		00	NON	
44	31.25	10-1-91	11-1-91				CA			44	31.25	31.25	1.0		00	NON	
45	49.8	10-1-91	11-1-91				CA			45	49.8	49.8	1.0		00	NON	
46	42.56	10-1-91	11-1-91				CA			46	42.56	42.56	1.0		00	NON	
47	248.74	10-1-91	11-1-91				CA			47	248.74	248.74	1.0		00	NON	
48	22.48	10-1-91	11-1-91				CA			48	22.48	22.48	1.0		00	NON	

WEEK	UNIT_COST	WEEKEND	WEEKEND_START	WEEKEND_END	WEEKEND_COST	WEEKEND_UNITS	WEEKEND_PRICE	WEEKEND_COST_PER_UNIT	WEEKEND_COST_PER_SQ_FT	WEEKEND_COST_PER_SQ_YD	WEEKEND_COST_PER_SQ_FT	WEEKEND_COST_PER_SQ_YD	WEEKEND_COST_PER_SQ_FT	WEEKEND_COST_PER_SQ_YD	WEEKEND_COST_PER_SQ_FT	WEEKEND_COST_PER_SQ_YD	WEEKEND_COST_PER_SQ_FT	WEEKEND_COST_PER_SQ_YD
10/21	11.57	11/21	11/21	11/21	11.57	11.57	11.57	11.57	11.57	11.57	11.57	11.57	11.57	11.57	11.57	11.57	11.57	11.57
10/22	11.57	11/22	11/22	11/22	11.57	11.57	11.57	11.57	11.57	11.57	11.57	11.57	11.57	11.57	11.57	11.57	11.57	11.57
10/23	11.57	11/23	11/23	11/23	11.57	11.57	11.57	11.57	11.57	11.57	11.57	11.57	11.57	11.57	11.57	11.57	11.57	11.57
10/24	11.57	11/24	11/24	11/24	11.57	11.57	11.57	11.57	11.57	11.57	11.57	11.57	11.57	11.57	11.57	11.57	11.57	11.57
10/25	11.57	11/25	11/25	11/25	11.57	11.57	11.57	11.57	11.57	11.57	11.57	11.57	11.57	11.57	11.57	11.57	11.57	11.57
10/26	11.57	11/26	11/26	11/26	11.57	11.57	11.57	11.57	11.57	11.57	11.57	11.57	11.57	11.57	11.57	11.57	11.57	11.57
10/27	11.57	11/27	11/27	11/27	11.57	11.57	11.57	11.57	11.57	11.57	11.57	11.57	11.57	11.57	11.57	11.57	11.57	11.57
10/28	11.57	11/28	11/28	11/28	11.57	11.57	11.57	11.57	11.57	11.57	11.57	11.57	11.57	11.57	11.57	11.57	11.57	11.57
10/29	11.57	11/29	11/29	11/29	11.57	11.57	11.57	11.57	11.57	11.57	11.57	11.57	11.57	11.57	11.57	11.57	11.57	11.57
10/30	11.57	11/30	11/30	11/30	11.57	11.57	11.57	11.57	11.57	11.57	11.57	11.57	11.57	11.57	11.57	11.57	11.57	11.57
10/31	11.57	11/31	11/31	11/31	11.57	11.57	11.57	11.57	11.57	11.57	11.57	11.57	11.57	11.57	11.57	11.57	11.57	11.57

ITEM_NO	ITEM_DESC	QTY	UNIT	PRICE	AMOUNT	TAXES	TOTAL	REF	PLANT	PART	DESCRIPTION	QUANTITY	UNIT	PRICE	AMOUNT	TAXES	TOTAL
1

EMPL_ID	EMPL_CO	EMPL_COST	EMPL_DT	EMPL_START_DT	PART_MIN_COUS_PRES	PART_MIN_COUS_DATE	PART_MIN_COUS_PRES	EMPL_DT	TELE_MSD	TELE_MSD	WAGE	WAGE	TOTL_COST_GROSS	EMPL_JOB	EMPL_CD	EMPL_JOB_CD	TECH_DUTY	TECH_DUTY
10195		111.28	20-Apr-01	11-Apr-01	10302			11-Apr-01	1	1822144	1822	111.28	111.28	111.28	221	221	REPLACE ACCEL...	REPLACE ACCEL...
10196		272.21	27-Mar-01	28-Mar-01	10302			27-Mar-01	2	8661032	8661	272.21	272.21	272.21	221	221	17 ACCELERATION...	17 ACCELERATION...
10197		162.44	21-Mar-01	1-Mar-01	10302			21-Mar-01	2	12693227	12693	162.44	162.44	162.44	221	221	CONTROL SYSTEM...	CONTROL SYSTEM...
10198		38.36	20-Apr-01	20-Apr-01	10302			20-Apr-01	10	11722222	11722	38.36	38.36	38.36	221	221	CONTROL SYSTEM...	CONTROL SYSTEM...
10199		62.66	20-Apr-01	20-Apr-01	10302			20-Apr-01	2	21377776	21378	62.66	62.66	62.66	221	221	CONTROL SYSTEM...	CONTROL SYSTEM...
10200		39.48	20-Apr-01	20-Apr-01	10302			20-Apr-01	10	11722222	11722	39.48	39.48	39.48	221	221	CONTROL SYSTEM...	CONTROL SYSTEM...
10201		268.17	20-Apr-01	20-Apr-01	10302			20-Apr-01	4	67277750	67278	268.17	268.17	268.17	221	221	CONTROL SYSTEM...	CONTROL SYSTEM...
10202		228.01	20-Apr-01	20-Apr-01	10302			20-Apr-01	1	51722222	51723	228.01	228.01	228.01	221	221	CONTROL SYSTEM...	CONTROL SYSTEM...
10203		273.58	20-Apr-01	11-Apr-01	10302			20-Apr-01	4	69777771	69778	273.58	273.58	273.58	221	221	CONTROL SYSTEM...	CONTROL SYSTEM...
10204		218.22	20-Apr-01	11-Apr-01	10302			20-Apr-01	4	69777771	69778	218.22	218.22	218.22	221	221	CONTROL SYSTEM...	CONTROL SYSTEM...
10205		181.87	20-Apr-01	10-Apr-01	10302			20-Apr-01	3	13777774	13778	181.87	181.87	181.87	221	221	CONTROL SYSTEM...	CONTROL SYSTEM...
10206		24.06	20-Apr-01	20-Apr-01	10302			20-Apr-01	10	11722222	11722	24.06	24.06	24.06	221	221	CONTROL SYSTEM...	CONTROL SYSTEM...
10207		80.19	20-Apr-01	20-Apr-01	10302			20-Apr-01	2	36622221	36623	80.19	80.19	80.19	221	221	CONTROL SYSTEM...	CONTROL SYSTEM...
10208		78	20-Apr-01	20-Apr-01	10302			20-Apr-01	14	16177770	16178	78	78	78	221	221	CONTROL SYSTEM...	CONTROL SYSTEM...
10209		72.64	20-Apr-01	20-Apr-01	10302			20-Apr-01	19	41222222	41223	72.64	72.64	72.64	221	221	CONTROL SYSTEM...	CONTROL SYSTEM...
10210		81.41	20-Apr-01	20-Apr-01	10302			20-Apr-01	2	37222221	37223	81.41	81.41	81.41	221	221	CONTROL SYSTEM...	CONTROL SYSTEM...
10211		90.88	20-Apr-01	11-Apr-01	10302			20-Apr-01	3	36122222	36123	90.88	90.88	90.88	221	221	CONTROL SYSTEM...	CONTROL SYSTEM...
10212		88.71	20-Apr-01	10-Apr-01	10302			20-Apr-01	2	36222221	36223	88.71	88.71	88.71	221	221	CONTROL SYSTEM...	CONTROL SYSTEM...
10213		78.21	20-Apr-01	10-Apr-01	10302			20-Apr-01	2	35122221	35123	78.21	78.21	78.21	221	221	CONTROL SYSTEM...	CONTROL SYSTEM...
10214		121.88	20-Apr-01	20-Apr-01	10302			20-Apr-01	11	12622222	12623	121.88	121.88	121.88	221	221	CONTROL SYSTEM...	CONTROL SYSTEM...
10215		121.88	20-Apr-01	20-Apr-01	10302			20-Apr-01	11	12622222	12623	121.88	121.88	121.88	221	221	CONTROL SYSTEM...	CONTROL SYSTEM...
10216		132.78	20-Apr-01	20-Apr-01	10302			20-Apr-01	1	13622221	13623	132.78	132.78	132.78	221	221	CONTROL SYSTEM...	CONTROL SYSTEM...
10217		288.27	20-Apr-01	20-Apr-01	10302			20-Apr-01	2	47122222	47123	288.27	288.27	288.27	221	221	CONTROL SYSTEM...	CONTROL SYSTEM...
10218		15.88	20-Apr-01	20-Apr-01	10302			20-Apr-01	8	18222221	18223	15.88	15.88	15.88	221	221	CONTROL SYSTEM...	CONTROL SYSTEM...
10219		318.01	20-Apr-01	20-Apr-01	10302			20-Apr-01	8	18222221	18223	318.01	318.01	318.01	221	221	CONTROL SYSTEM...	CONTROL SYSTEM...
10220		78.21	20-Apr-01	20-Apr-01	10302			20-Apr-01	3	37222221	37223	78.21	78.21	78.21	221	221	CONTROL SYSTEM...	CONTROL SYSTEM...
10221		111.28	20-Apr-01	20-Apr-01	10302			20-Apr-01	2	22222221	22223	111.28	111.28	111.28	221	221	CONTROL SYSTEM...	CONTROL SYSTEM...
10222		88.71	20-Apr-01	10-Apr-01	10302			20-Apr-01	2	22222221	22223	88.71	88.71	88.71	221	221	CONTROL SYSTEM...	CONTROL SYSTEM...
10223		358.8	20-Apr-01	10-Apr-01	10302			20-Apr-01	1	14422222	14423	358.8	358.8	358.8	221	221	CONTROL SYSTEM...	CONTROL SYSTEM...
10224		118.88	20-Apr-01	20-Apr-01	10302			20-Apr-01	8	14122222	14123	118.88	118.88	118.88	221	221	CONTROL SYSTEM...	CONTROL SYSTEM...
10225		810.88	20-Apr-01	20-Apr-01	10302			20-Apr-01	3	46722221	46723	810.88	810.88	810.88	221	221	CONTROL SYSTEM...	CONTROL SYSTEM...
10226		33	20-Apr-01	20-Apr-01	10302			20-Apr-01	8	13222221	13223	33	33	33	221	221	CONTROL SYSTEM...	CONTROL SYSTEM...
10227		81.2	20-Apr-01	20-Apr-01	10302			20-Apr-01	20	12822222	12823	81.2	81.2	81.2	221	221	CONTROL SYSTEM...	CONTROL SYSTEM...
10228		78.21	20-Apr-01	20-Apr-01	10302			20-Apr-01	7	47822221	47823	78.21	78.21	78.21	221	221	CONTROL SYSTEM...	CONTROL SYSTEM...
10229		888.21	20-Apr-01	10-Apr-01	10302			20-Apr-01	1	17622222	17623	888.21	888.21	888.21	221	221	CONTROL SYSTEM...	CONTROL SYSTEM...
10230		108.88	20-Apr-01	10-Apr-01	10302			20-Apr-01	18	19622222	19623	108.88	108.88	108.88	221	221	CONTROL SYSTEM...	CONTROL SYSTEM...
10231		24.06	20-Apr-01	20-Apr-01	10302			20-Apr-01	1	18222221	18223	24.06	24.06	24.06	221	221	CONTROL SYSTEM...	CONTROL SYSTEM...
10232		111.28	20-Apr-01	20-Apr-01	10302			20-Apr-01	1	19222221	19223	111.28	111.28	111.28	221	221	CONTROL SYSTEM...	CONTROL SYSTEM...
10233		144.8	20-Apr-01	20-Apr-01	10302			20-Apr-01	12	19822222	19823	144.8	144.8	144.8	221	221	CONTROL SYSTEM...	CONTROL SYSTEM...
10234		228.01	20-Apr-01	20-Apr-01	10302			20-Apr-01	8	27222222	27223	228.01	228.01	228.01	221	221	CONTROL SYSTEM...	CONTROL SYSTEM...
10235		148.88	20-Apr-01	20-Apr-01	10302			20-Apr-01	12	19822222	19823	148.88	148.88	148.88	221	221	CONTROL SYSTEM...	CONTROL SYSTEM...
10236		47.84	20-Apr-01	20-Apr-01	10302			20-Apr-01	1	52122221	52123	47.84	47.84	47.84	221	221	CONTROL SYSTEM...	CONTROL SYSTEM...
10237		302.88	20-Apr-01	20-Apr-01	10302			20-Apr-01	1	44222221	44223	302.88	302.88	302.88	221	221	CONTROL SYSTEM...	CONTROL SYSTEM...
10238		48.2	20-Apr-01	16-Apr-01	10302			20-Apr-01	13	60222221	60223	48.2	48.2	48.2	221	221	CONTROL SYSTEM...	CONTROL SYSTEM...
10239		88.88	20-Apr-01	20-Apr-01	10302			20-Apr-01	19	28222222	28223	88.88	88.88	88.88	221	221	CONTROL SYSTEM...	CONTROL SYSTEM...
10240		28.8	20-Apr-01	20-Apr-01	10302			20-Apr-01	4	32722221	32723	28.8	28.8	28.8	221	221	CONTROL SYSTEM...	CONTROL SYSTEM...
10241		228.01	20-Apr-01	20-Apr-01	10302			20-Apr-01	3	44222221	44223	228.01	228.01	228.01	221	221	CONTROL SYSTEM...	CONTROL SYSTEM...
10242		48.2	20-Apr-01	18-Apr-01	10302			20-Apr-01	8	20822222	20823	48.2	48.2	48.2	221	221	CONTROL SYSTEM...	CONTROL SYSTEM...
10243		72.64	20-Apr-01	20-Apr-01	10302			20-Apr-01	10	10122222	10123	72.64	72.64	72.64	221	221	CONTROL SYSTEM...	CONTROL SYSTEM...
10244		218	20-Apr-01	20-Apr-01	10302			20-Apr-01	1	45022221	45023	218	218	218	221	221	CONTROL SYSTEM...	CONTROL SYSTEM...
10245		88.88	20-Apr-01	14-Apr-01	10302			20-Apr-01	6	87022221	87023	88.88	88.88	88.88	221	221	CONTROL SYSTEM...	CONTROL SYSTEM...
10246		111.28	20-Apr-01	20-Apr-01	10302			20-Apr-01	10	10722222	10723	111.28	111.28	111.28	221	221	CONTROL SYSTEM...	CONTROL SYSTEM...
10247		88.88	20-Apr-01	20-Apr-01	10302			20-Apr-01	8	22822221	22823	88.88	88.88	88.88	221	221	CONTROL SYSTEM...	CONTROL SYSTEM...

PLANT_CD	REP_COST	PROVIN_IT	UNITY_STANT_BI	PART_NUM_CAUSE_PRE	PART_NUM_CAUSE_BAS	PART_NUM_CAUSE_BIF	MTY_IT	TH_PROD	CLM_KEY	LINE	WBRL_COST	TOT_COST_GROSS	WBR_JMS	MBL_CD	BT_PRES_CD	TRNS_PRT	TCSH_PRT
PT00001	168.87									11	10370440	27.71	81.64	151.17	23	27	REPAIR: TEST FUEL INJECTOR WAS NOT WORKING PROPERLY.
PT00010	61.43									11	10370440	27.71	81.64	151.17	23	27	REPAIR: TEST FUEL INJECTOR WAS NOT WORKING PROPERLY.
PT00011	182.12									11	10370440	27.71	81.64	151.17	23	27	REPAIR: TEST FUEL INJECTOR WAS NOT WORKING PROPERLY.
PT00012	179.02									11	10370440	27.71	81.64	151.17	23	27	REPAIR: TEST FUEL INJECTOR WAS NOT WORKING PROPERLY.
PT00013	179.02									11	10370440	27.71	81.64	151.17	23	27	REPAIR: TEST FUEL INJECTOR WAS NOT WORKING PROPERLY.
PT00014	179.02									11	10370440	27.71	81.64	151.17	23	27	REPAIR: TEST FUEL INJECTOR WAS NOT WORKING PROPERLY.
PT00015	179.02									11	10370440	27.71	81.64	151.17	23	27	REPAIR: TEST FUEL INJECTOR WAS NOT WORKING PROPERLY.
PT00016	179.02									11	10370440	27.71	81.64	151.17	23	27	REPAIR: TEST FUEL INJECTOR WAS NOT WORKING PROPERLY.
PT00017	179.02									11	10370440	27.71	81.64	151.17	23	27	REPAIR: TEST FUEL INJECTOR WAS NOT WORKING PROPERLY.
PT00018	179.02									11	10370440	27.71	81.64	151.17	23	27	REPAIR: TEST FUEL INJECTOR WAS NOT WORKING PROPERLY.
PT00019	179.02									11	10370440	27.71	81.64	151.17	23	27	REPAIR: TEST FUEL INJECTOR WAS NOT WORKING PROPERLY.
PT00020	179.02									11	10370440	27.71	81.64	151.17	23	27	REPAIR: TEST FUEL INJECTOR WAS NOT WORKING PROPERLY.
PT00021	179.02									11	10370440	27.71	81.64	151.17	23	27	REPAIR: TEST FUEL INJECTOR WAS NOT WORKING PROPERLY.
PT00022	179.02									11	10370440	27.71	81.64	151.17	23	27	REPAIR: TEST FUEL INJECTOR WAS NOT WORKING PROPERLY.
PT00023	179.02									11	10370440	27.71	81.64	151.17	23	27	REPAIR: TEST FUEL INJECTOR WAS NOT WORKING PROPERLY.
PT00024	179.02									11	10370440	27.71	81.64	151.17	23	27	REPAIR: TEST FUEL INJECTOR WAS NOT WORKING PROPERLY.
PT00025	179.02									11	10370440	27.71	81.64	151.17	23	27	REPAIR: TEST FUEL INJECTOR WAS NOT WORKING PROPERLY.
PT00026	179.02									11	10370440	27.71	81.64	151.17	23	27	REPAIR: TEST FUEL INJECTOR WAS NOT WORKING PROPERLY.
PT00027	179.02									11	10370440	27.71	81.64	151.17	23	27	REPAIR: TEST FUEL INJECTOR WAS NOT WORKING PROPERLY.
PT00028	179.02									11	10370440	27.71	81.64	151.17	23	27	REPAIR: TEST FUEL INJECTOR WAS NOT WORKING PROPERLY.
PT00029	179.02									11	10370440	27.71	81.64	151.17	23	27	REPAIR: TEST FUEL INJECTOR WAS NOT WORKING PROPERLY.
PT00030	179.02									11	10370440	27.71	81.64	151.17	23	27	REPAIR: TEST FUEL INJECTOR WAS NOT WORKING PROPERLY.
PT00031	179.02									11	10370440	27.71	81.64	151.17	23	27	REPAIR: TEST FUEL INJECTOR WAS NOT WORKING PROPERLY.
PT00032	179.02									11	10370440	27.71	81.64	151.17	23	27	REPAIR: TEST FUEL INJECTOR WAS NOT WORKING PROPERLY.
PT00033	179.02									11	10370440	27.71	81.64	151.17	23	27	REPAIR: TEST FUEL INJECTOR WAS NOT WORKING PROPERLY.
PT00034	179.02									11	10370440	27.71	81.64	151.17	23	27	REPAIR: TEST FUEL INJECTOR WAS NOT WORKING PROPERLY.
PT00035	179.02									11	10370440	27.71	81.64	151.17	23	27	REPAIR: TEST FUEL INJECTOR WAS NOT WORKING PROPERLY.
PT00036	179.02									11	10370440	27.71	81.64	151.17	23	27	REPAIR: TEST FUEL INJECTOR WAS NOT WORKING PROPERLY.
PT00037	179.02									11	10370440	27.71	81.64	151.17	23	27	REPAIR: TEST FUEL INJECTOR WAS NOT WORKING PROPERLY.
PT00038	179.02									11	10370440	27.71	81.64	151.17	23	27	REPAIR: TEST FUEL INJECTOR WAS NOT WORKING PROPERLY.
PT00039	179.02									11	10370440	27.71	81.64	151.17	23	27	REPAIR: TEST FUEL INJECTOR WAS NOT WORKING PROPERLY.
PT00040	179.02									11	10370440	27.71	81.64	151.17	23	27	REPAIR: TEST FUEL INJECTOR WAS NOT WORKING PROPERLY.

LINE_CD	LINE_COST	QUANTITY	UNIT_START_LFT	START_NAME CAUSE_PSE	START_NAME CAUSE_MAS	START NAME CAUSE_BUT	INVT_LFT	NO_MEO	CLM_KEY	INVT_LFT	INTR_COST	TOT_COST_ORIG	LINE_PSE	LINE_CD	TECH_TXT1	TECH_TXT2
1FTW00114	39.78	1	1	1	1	1	1	1	1	1	35.5	155.2	1	1	REPLACE GAS PEDAL ASBY	
1FTW00115	102.18	1	1	1	1	1	1	1	1	1	117.25	183.74	1	1	4 YEAR TO REPLACE DELAY AND SENSOR	
1FTW00116	11.88	1	1	1	1	1	1	1	1	1	107.25	183.74	1	1	REPLACE ACCELERATION PEDAL	
1FTW00117	35.88	1	1	1	1	1	1	1	1	1	117.25	183.74	1	1	ACCELERATION PEDAL ASSEMBLY ADJUSTABLE REPLAC	
1FTW00118	24.78	1	1	1	1	1	1	1	1	1	117.25	183.74	1	1		
1FTW00119	37.52	1	1	1	1	1	1	1	1	1	117.25	183.74	1	1		
1FTW00120	21.15	1	1	1	1	1	1	1	1	1	117.25	183.74	1	1		
1FTW00121	28.88	1	1	1	1	1	1	1	1	1	117.25	183.74	1	1		
1FTW00122	41	1	1	1	1	1	1	1	1	1	117.25	183.74	1	1		
1FTW00123	78.28	1	1	1	1	1	1	1	1	1	117.25	183.74	1	1		
1FTW00124	17.28	1	1	1	1	1	1	1	1	1	117.25	183.74	1	1		
1FTW00125	21.88	1	1	1	1	1	1	1	1	1	117.25	183.74	1	1		
1FTW00126	24.58	1	1	1	1	1	1	1	1	1	117.25	183.74	1	1		
1FTW00127	25.13	1	1	1	1	1	1	1	1	1	117.25	183.74	1	1		
1FTW00128	78.28	1	1	1	1	1	1	1	1	1	117.25	183.74	1	1		
1FTW00129	18.88	1	1	1	1	1	1	1	1	1	117.25	183.74	1	1		
1FTW00130	24.18	1	1	1	1	1	1	1	1	1	117.25	183.74	1	1		
1FTW00131	27.27	1	1	1	1	1	1	1	1	1	117.25	183.74	1	1		
1FTW00132	27.27	1	1	1	1	1	1	1	1	1	117.25	183.74	1	1		
1FTW00133	27.27	1	1	1	1	1	1	1	1	1	117.25	183.74	1	1		
1FTW00134	27.27	1	1	1	1	1	1	1	1	1	117.25	183.74	1	1		
1FTW00135	27.27	1	1	1	1	1	1	1	1	1	117.25	183.74	1	1		
1FTW00136	27.27	1	1	1	1	1	1	1	1	1	117.25	183.74	1	1		
1FTW00137	27.27	1	1	1	1	1	1	1	1	1	117.25	183.74	1	1		
1FTW00138	27.27	1	1	1	1	1	1	1	1	1	117.25	183.74	1	1		
1FTW00139	27.27	1	1	1	1	1	1	1	1	1	117.25	183.74	1	1		
1FTW00140	27.27	1	1	1	1	1	1	1	1	1	117.25	183.74	1	1		
1FTW00141	27.27	1	1	1	1	1	1	1	1	1	117.25	183.74	1	1		
1FTW00142	27.27	1	1	1	1	1	1	1	1	1	117.25	183.74	1	1		
1FTW00143	27.27	1	1	1	1	1	1	1	1	1	117.25	183.74	1	1		
1FTW00144	27.27	1	1	1	1	1	1	1	1	1	117.25	183.74	1	1		
1FTW00145	27.27	1	1	1	1	1	1	1	1	1	117.25	183.74	1	1		
1FTW00146	27.27	1	1	1	1	1	1	1	1	1	117.25	183.74	1	1		
1FTW00147	27.27	1	1	1	1	1	1	1	1	1	117.25	183.74	1	1		
1FTW00148	27.27	1	1	1	1	1	1	1	1	1	117.25	183.74	1	1		
1FTW00149	27.27	1	1	1	1	1	1	1	1	1	117.25	183.74	1	1		
1FTW00150	27.27	1	1	1	1	1	1	1	1	1	117.25	183.74	1	1		
1FTW00151	27.27	1	1	1	1	1	1	1	1	1	117.25	183.74	1	1		
1FTW00152	27.27	1	1	1	1	1	1	1	1	1	117.25	183.74	1	1		
1FTW00153	27.27	1	1	1	1	1	1	1	1	1	117.25	183.74	1	1		
1FTW00154	27.27	1	1	1	1	1	1	1	1	1	117.25	183.74	1	1		
1FTW00155	27.27	1	1	1	1	1	1	1	1	1	117.25	183.74	1	1		
1FTW00156	27.27	1	1	1	1	1	1	1	1	1	117.25	183.74	1	1		
1FTW00157	27.27	1	1	1	1	1	1	1	1	1	117.25	183.74	1	1		
1FTW00158	27.27	1	1	1	1	1	1	1	1	1	117.25	183.74	1	1		
1FTW00159	27.27	1	1	1	1	1	1	1	1	1	117.25	183.74	1	1		
1FTW00160	27.27	1	1	1	1	1	1	1	1	1	117.25	183.74	1	1		

LINE_COST	PRODM_DT	INVTY_START_DT	PART_NUM_CAUS_PRC	PART_NUM_CAUS_BAK	PART_NUM_CAUS_MIF	PRF_DT	THE_NEED	PLM_KEY	BLAZE	CNTROL_COST	NET_COST_AMOUNT	LINE_PLS	PLAN_CD	ST_PROD_CD	TECH_TXT1	TECH_TXT2
370	0	16				15										
81.22	0	16				15										
84.0	0	16				15										
82.1	0	16				15										
42.3	0	16				15										
338.84	10	8				3										
98.64	10	21				3										
24.24	10	23				3										
207.14	10	12				3										
186.18	10	12				3										
89.48	10	16				3										
43.2	10	23				3										
238.71	10	29				4										
462.47	10	24				6										
241.28	10	28				6										
148.3	10	3				17										
88.41	10	3				1										
71.83	10	28				1										
142.8	10	4				21										
86.8	10	28				1										
51.86	10	11				3										
110.87	10	12				3										
27.24	10	15				2										
118.8	10	21				2										
482.4	10	12				2										
74.08	10	27				2										
102.1	10	15				3										
48.4	10	12				3										
26.23	10	18				11										
15.31	10	10				4										
87.20	10	10				1										
8.75	10	12				1										
183.11	10	15				10										
137.28	10	12				10										
18.28	10	12				6										
131.24	10	28				18										
71.8	10	1				16										
81.47	10	2				3										
281.38	10	24				3										
37.28	10	23				14										
122.11	10	2				1										
221.1	10	23				17										
184.88	10	18				1										
244.8	10	21				1										
124.14	10	23				8										
128.7	10	28				15										
81.28	10	11				10										
118.8	10	18				6										
22.28	10	23				14										
244.8	10	24				6										
33.8	10	2				11										
183.11	10	2				8										

WORK CD	LAB_COST	PROG_CD	WKLTY_START_DT	PAGE_MAIN_CAUS_PRC	PART_MAIN_CAUS_PRC	PAGE_MAIN_CAUS_PRC	WKLTY_DT	REQ_WHO	DUM_KEY	WLF	MTRL_COST	TOT_COST_ORDRS	LBR_WHS	PUR_CD	ST_NBY_CD	TECH_INTS	TECH_INT2
1PTW21F01	48.26	13-08-01	21-08-01	1	1	1	21-08-01	0	0	0	43.98	140.86	0.0	0	ENG LIFE	REPAIR DIAG BYE 1.8. BURNING WINDSHIELD TIGHTEN ACCEL PEDAL	
1PTW21F01	48.26	13-08-01	21-08-01	1	1	1	21-08-01	0	0	0	43.98	140.86	0.0	0	ENG LIFE	REPAIR DIAG BYE 1.8. BURNING WINDSHIELD TIGHTEN ACCEL PEDAL	
1PTW21F01	104.47	13-08-01	21-08-01	1	1	1	21-08-01	0	0	0	100.19	309.38	0.0	0	ENG LIFE	REPAIR DIAG BYE 1.8. BURNING WINDSHIELD TIGHTEN ACCEL PEDAL	
1PTW21F01	18.26	13-08-01	21-08-01	1	1	1	21-08-01	0	0	0	17.78	177.87	0.0	0	ENG LIFE	REPAIR DIAG BYE 1.8. BURNING WINDSHIELD TIGHTEN ACCEL PEDAL	
1PTW21F01	33.27	13-08-01	21-08-01	1	1	1	21-08-01	0	0	0	32.79	165.23	0.0	0	ENG LIFE	REPAIR DIAG BYE 1.8. BURNING WINDSHIELD TIGHTEN ACCEL PEDAL	
1PTW21F01	119.03	13-08-01	21-08-01	1	1	1	21-08-01	0	0	0	117.55	357.48	1.7	0	ENG LIFE	REPAIR DIAG BYE 1.8. BURNING WINDSHIELD TIGHTEN ACCEL PEDAL	
1PTW21F01	48.26	13-08-01	21-08-01	1	1	1	21-08-01	0	0	0	47.78	146.74	1.3	0	ENG LIFE	REPAIR DIAG BYE 1.8. BURNING WINDSHIELD TIGHTEN ACCEL PEDAL	
1PTW21F01	74.53	13-08-01	21-08-01	1	1	1	21-08-01	0	0	0	73.83	157.78	1.3	0	ENG LIFE	REPAIR DIAG BYE 1.8. BURNING WINDSHIELD TIGHTEN ACCEL PEDAL	
1PTW21F01	118.81	13-08-01	21-08-01	1	1	1	21-08-01	0	0	0	117.96	181.87	1.3	0	ENG LIFE	REPAIR DIAG BYE 1.8. BURNING WINDSHIELD TIGHTEN ACCEL PEDAL	
1PTW21F01	64.72	13-08-01	21-08-01	1	1	1	21-08-01	0	0	0	64.02	152.34	1.1	0	ENG LIFE	REPAIR DIAG BYE 1.8. BURNING WINDSHIELD TIGHTEN ACCEL PEDAL	
1PTW21F01	61.62	13-08-01	21-08-01	1	1	1	21-08-01	0	0	0	60.92	145.48	1.3	0	ENG LIFE	REPAIR DIAG BYE 1.8. BURNING WINDSHIELD TIGHTEN ACCEL PEDAL	
1PTW21F01	163.49	13-08-01	21-08-01	1	1	1	21-08-01	0	0	0	162.79	344.11	2.3	0	ENG LIFE	REPAIR DIAG BYE 1.8. BURNING WINDSHIELD TIGHTEN ACCEL PEDAL	
1PTW21F01	187.2	13-08-01	21-08-01	1	1	1	21-08-01	0	0	0	186.50	378.04	2.3	0	ENG LIFE	REPAIR DIAG BYE 1.8. BURNING WINDSHIELD TIGHTEN ACCEL PEDAL	
1PTW21F01	58	13-08-01	21-08-01	1	1	1	21-08-01	0	0	0	57.30	134.88	1.7	0	ENG LIFE	REPAIR DIAG BYE 1.8. BURNING WINDSHIELD TIGHTEN ACCEL PEDAL	
1PTW21F01	302.4	13-08-01	21-08-01	1	1	1	21-08-01	0	0	0	298.98	341.58	4.3	0	ENG LIFE	REPAIR DIAG BYE 1.8. BURNING WINDSHIELD TIGHTEN ACCEL PEDAL	
1PTW21F01	116.05	13-08-01	21-08-01	1	1	1	21-08-01	0	0	0	115.35	164.82	1.3	0	ENG LIFE	REPAIR DIAG BYE 1.8. BURNING WINDSHIELD TIGHTEN ACCEL PEDAL	
1PTW21F01	27.55	13-08-01	21-08-01	1	1	1	21-08-01	0	0	0	27.06	117.0	0.4	0	ENG LIFE	REPAIR DIAG BYE 1.8. BURNING WINDSHIELD TIGHTEN ACCEL PEDAL	
1PTW21F01	61.11	13-08-01	21-08-01	1	1	1	21-08-01	0	0	0	60.41	144.0	1.3	0	ENG LIFE	REPAIR DIAG BYE 1.8. BURNING WINDSHIELD TIGHTEN ACCEL PEDAL	
1PTW21F01	65.55	13-08-01	21-08-01	1	1	1	21-08-01	0	0	0	64.85	151.04	0.7	0	ENG LIFE	REPAIR DIAG BYE 1.8. BURNING WINDSHIELD TIGHTEN ACCEL PEDAL	
1PTW21F01	106	13-08-01	21-08-01	1	1	1	21-08-01	0	0	0	105.30	188.0	1.3	0	ENG LIFE	REPAIR DIAG BYE 1.8. BURNING WINDSHIELD TIGHTEN ACCEL PEDAL	
1PTW21F01	62.18	13-08-01	21-08-01	1	1	1	21-08-01	0	0	0	61.48	160	2.3	0	ENG LIFE	REPAIR DIAG BYE 1.8. BURNING WINDSHIELD TIGHTEN ACCEL PEDAL	
1PTW21F01	39.26	13-08-01	21-08-01	1	1	1	21-08-01	0	0	0	38.56	114.38	0.7	0	ENG LIFE	REPAIR DIAG BYE 1.8. BURNING WINDSHIELD TIGHTEN ACCEL PEDAL	
1PTW21F01	197	13-08-01	21-08-01	1	1	1	21-08-01	0	0	0	196.30	237.64	2	0	ENG LIFE	REPAIR DIAG BYE 1.8. BURNING WINDSHIELD TIGHTEN ACCEL PEDAL	
1PTW21F01	78.01	13-08-01	21-08-01	1	1	1	21-08-01	0	0	0	77.31	134.49	1	0	ENG LIFE	REPAIR DIAG BYE 1.8. BURNING WINDSHIELD TIGHTEN ACCEL PEDAL	
1PTW21F01	27.24	13-08-01	21-08-01	1	1	1	21-08-01	0	0	0	26.54	130.66	0.4	0	ENG LIFE	REPAIR DIAG BYE 1.8. BURNING WINDSHIELD TIGHTEN ACCEL PEDAL	
1PTW21F01	193.28	13-08-01	21-08-01	1	1	1	21-08-01	0	0	0	192.58	303.9	1.7	0	ENG LIFE	REPAIR DIAG BYE 1.8. BURNING WINDSHIELD TIGHTEN ACCEL PEDAL	
1PTW21F01	41.35	13-08-01	21-08-01	1	1	1	21-08-01	0	0	0	40.65	144.85	1.1	0	ENG LIFE	REPAIR DIAG BYE 1.8. BURNING WINDSHIELD TIGHTEN ACCEL PEDAL	
1PTW21F01	117.04	13-08-01	21-08-01	1	1	1	21-08-01	0	0	0	116.34	168.5	1.1	0	ENG LIFE	REPAIR DIAG BYE 1.8. BURNING WINDSHIELD TIGHTEN ACCEL PEDAL	
1PTW21F01	47.57	13-08-01	21-08-01	1	1	1	21-08-01	0	0	0	46.87	138.53	0.6	0	ENG LIFE	REPAIR DIAG BYE 1.8. BURNING WINDSHIELD TIGHTEN ACCEL PEDAL	
1PTW21F01	281.87	13-08-01	21-08-01	1	1	1	21-08-01	0	0	0	281.17	351.85	4.1	0	ENG LIFE	REPAIR DIAG BYE 1.8. BURNING WINDSHIELD TIGHTEN ACCEL PEDAL	
1PTW21F01	289.89	13-08-01	21-08-01	1	1	1	21-08-01	0	0	0	289.19	360.0	3.3	0	ENG LIFE	REPAIR DIAG BYE 1.8. BURNING WINDSHIELD TIGHTEN ACCEL PEDAL	
1PTW21F01	108.4	13-08-01	21-08-01	1	1	1	21-08-01	0	0	0	107.70	181.08	2	0	ENG LIFE	REPAIR DIAG BYE 1.8. BURNING WINDSHIELD TIGHTEN ACCEL PEDAL	
1PTW21F01	47.7	13-08-01	21-08-01	1	1	1	21-08-01	0	0	0	47.00	133.33	0.3	0	ENG LIFE	REPAIR DIAG BYE 1.8. BURNING WINDSHIELD TIGHTEN ACCEL PEDAL	
1PTW21F01	128.21	13-08-01	21-08-01	1	1	1	21-08-01	0	0	0	127.51	248.57	1.1	0	ENG LIFE	REPAIR DIAG BYE 1.8. BURNING WINDSHIELD TIGHTEN ACCEL PEDAL	
1PTW21F01	38.48	13-08-01	21-08-01	1	1	1	21-08-01	0	0	0	37.78	114.35	0.1	0	ENG LIFE	REPAIR DIAG BYE 1.8. BURNING WINDSHIELD TIGHTEN ACCEL PEDAL	
1PTW21F01	131.48	13-08-01	21-08-01	1	1	1	21-08-01	0	0	0	130.78	210.54	1.0	0	ENG LIFE	REPAIR DIAG BYE 1.8. BURNING WINDSHIELD TIGHTEN ACCEL PEDAL	
1PTW21F01	79.21	13-08-01	21-08-01	1	1	1	21-08-01	0	0	0	78.51	187.94	0.9	0	ENG LIFE	REPAIR DIAG BYE 1.8. BURNING WINDSHIELD TIGHTEN ACCEL PEDAL	
1PTW21F01	64.16	13-08-01	21-08-01	1	1	1	21-08-01	0	0	0	63.46	164.78	1	0	ENG LIFE	REPAIR DIAG BYE 1.8. BURNING WINDSHIELD TIGHTEN ACCEL PEDAL	
1PTW21F01	64.86	13-08-01	21-08-01	1	1	1	21-08-01	0	0	0	64.16	147.41	1.3	0	ENG LIFE	REPAIR DIAG BYE 1.8. BURNING WINDSHIELD TIGHTEN ACCEL PEDAL	
1PTW21F01	257.72	13-08-01	21-08-01	1	1	1	21-08-01	0	0	0	257.02	308.31	3.3	0	ENG LIFE	REPAIR DIAG BYE 1.8. BURNING WINDSHIELD TIGHTEN ACCEL PEDAL	
1PTW21F01	84.17	13-08-01	21-08-01	1	1	1	21-08-01	0	0	0	83.47	181.33	2.3	0	ENG LIFE	REPAIR DIAG BYE 1.8. BURNING WINDSHIELD TIGHTEN ACCEL PEDAL	
1PTW21F01	81.87	13-08-01	21-08-01	1	1	1	21-08-01	0	0	0	81.17	148.73	1.1	0	ENG LIFE	REPAIR DIAG BYE 1.8. BURNING WINDSHIELD TIGHTEN ACCEL PEDAL	
1PTW21F01	81.54	13-08-01	21-08-01	1	1	1	21-08-01	0	0	0	80.84	204.88	1.3	0	ENG LIFE	REPAIR DIAG BYE 1.8. BURNING WINDSHIELD TIGHTEN ACCEL PEDAL	
1PTW21F01	104.22	13-08-01	21-08-01	1	1	1	21-08-01	0	0	0	103.52	188.68	2.1	0	ENG LIFE	REPAIR DIAG BYE 1.8. BURNING WINDSHIELD TIGHTEN ACCEL PEDAL	
1PTW21F01	124.01	13-08-01	21-08-01	1	1	1	21-08-01	0	0	0	123.31	206.47	1.3	0	ENG LIFE	REPAIR DIAG BYE 1.8. BURNING WINDSHIELD TIGHTEN ACCEL PEDAL	
1PTW21F01	105.81	13-08-01	21-08-01	1	1	1	21-08-01	0	0	0	105.11	227.58	2.2	0	ENG LIFE	REPAIR DIAG BYE 1.8. BURNING WINDSHIELD TIGHTEN ACCEL PEDAL	
1PTW21F01	281.88	13-08-01	21-08-01	1	1	1	21-08-01	0	0	0	281.18	331.81	4.3	0	ENG LIFE	REPAIR DIAG BYE 1.8. BURNING WINDSHIELD TIGHTEN ACCEL PEDAL	
1PTW21F01	43.81	13-08-01	21-08-01	1	1	1	21-08-01	0	0	0	43.11	139.2	1.1	0	ENG LIFE	REPAIR DIAG BYE 1.8. BURNING WINDSHIELD TIGHTEN ACCEL PEDAL	
1PTW21F01	81.27	13-08-01	21-08-01	1	1	1	21-08-01	0	0	0	80.57	149.89	1.1	0	ENG LIFE	REPAIR DIAG BYE 1.8. BURNING WINDSHIELD TIGHTEN ACCEL PEDAL	
1PTW21F01	31.57	13-08-01	21-08-01	1	1	1	21-08-01	0	0	0	30.87	111.47	0.6	0	ENG LIFE	REPAIR DIAG BYE 1.8. BURNING WINDSHIELD TIGHTEN ACCEL PEDAL	
1PTW21F01	49.13	13-08-01	21-08-01	1	1	1	21-08-01	0	0	0	48.43	135.88	1	0	ENG LIFE	REPAIR DIAG BYE 1.8. BURNING WINDSHIELD TIGHTEN ACCEL PEDAL	
1PTW21F01	161.79	13-08-01	21-08-01	1	1	1	21-08-01	0	0	0	161.09	173.61	1.7	0	ENG LIFE	REPAIR DIAG BYE 1.8. BURNING WINDSHIELD TIGHTEN ACCEL PEDAL	

EMPL_ID	EMPL_CD	EMPL_COST	EMPL_LFT	EMTY_START_DT	PART_NAME_CANS_PYS	PART_NAME_CANS_NAS	PART_NAME_CANS_SBS	EMPL_DT	TO_WKD	CALN_MNY	BLNCE	CENTRA_COST	NOT_COST_AGRDMS	LAB_MRS	BLA_CD	ST_PERS_CD	TECH_PYS	TECH_LFT
117.58																		
109.24																		
111.87																		
125.75																		
131.06																		
50.3																		
155.09																		
85.19																		
31.95																		
74.11																		
98.29																		
224.78																		
202.4																		
125.09																		
125.75																		
121.59																		
24.24																		
174.26																		
52.69																		
56.11																		
72																		
111.99																		
344.24																		
86.9																		
287.72																		
89.74																		
288.77																		
134.72																		
27.89																		
48.8																		
79.59																		
146.87																		
302.57																		
341.75																		
84.3																		
133.98																		
33.8																		
243.38																		
334.8																		
182.4																		
81.23																		
278.19																		
129.19																		
110.4																		
117.88																		
64.82																		
79.29																		
118.84																		
89.29																		
48.72																		
71.4																		
124.41																		

PKT_CD	PKT_COST	PKT_DT	PKT_START_DT	PKT_NUM_CAUSE_PRES	PKT_NUM_CAUSE_BAS	PKT_NUM_CAUSE_BRT	PKT_DT	PKT_WHO	PKT_NET	PKT_LOC	PKT_COST	TOT_COST_AMOUNT	PKT_HRS	PKT_DO	ST_PROJ_CD	TECH_TXT1	TECH_TXT2
11	127.24	8-Oct-00	18-Oct-00	1	1	1	18-Oct-00	10	10000000	74136	127.24	1.0	1	1	MULTIPLE	NO YES CODES FOR ST PROJECTS	
12	41.84	8-Oct-00	27-Oct-00	1	1	1	27-Oct-00	10	10000000	82435	41.84	0.7	1	1	MULTIPLE	NO YES CODES FOR ST PROJECTS	
13	17.4	8-Oct-00	27-Oct-00	1	1	1	27-Oct-00	10	10000000	82435	17.4	0.3	1	1	MULTIPLE	NO YES CODES FOR ST PROJECTS	
14	213.54	8-Oct-00	27-Oct-00	1	1	1	27-Oct-00	10	10000000	82435	213.54	3.9	1	1	MULTIPLE	NO YES CODES FOR ST PROJECTS	
15	87.41	8-Oct-00	27-Oct-00	1	1	1	27-Oct-00	10	10000000	82435	87.41	1.5	1	1	MULTIPLE	NO YES CODES FOR ST PROJECTS	
16	85.84	8-Oct-00	18-Oct-00	1	1	1	18-Oct-00	10	10000000	82435	85.84	1.5	1	1	MULTIPLE	NO YES CODES FOR ST PROJECTS	
17	43.84	18-Oct-00	27-Oct-00	1	1	1	27-Oct-00	10	10000000	82435	43.84	0.8	1	1	MULTIPLE	NO YES CODES FOR ST PROJECTS	
18	359.54	18-Oct-00	17-Nov-00	1	1	1	17-Nov-00	10	11480000	37717	359.54	6.3	1	1	MULTIPLE	NO YES CODES FOR ST PROJECTS	
19	171.24	18-Oct-00	27-Oct-00	1	1	1	27-Oct-00	10	10000000	82435	171.24	3.0	1	1	MULTIPLE	NO YES CODES FOR ST PROJECTS	
20	17.4	18-Oct-00	27-Oct-00	1	1	1	27-Oct-00	10	10000000	82435	17.4	0.3	1	1	MULTIPLE	NO YES CODES FOR ST PROJECTS	
21	132.84	18-Oct-00	27-Oct-00	1	1	1	27-Oct-00	10	10000000	82435	132.84	2.3	1	1	MULTIPLE	NO YES CODES FOR ST PROJECTS	
22	87.41	18-Oct-00	27-Oct-00	1	1	1	27-Oct-00	10	10000000	82435	87.41	1.5	1	1	MULTIPLE	NO YES CODES FOR ST PROJECTS	
23	101.84	11-Oct-00	27-Oct-00	1	1	1	27-Oct-00	10	10000000	82435	101.84	1.8	1	1	MULTIPLE	NO YES CODES FOR ST PROJECTS	
24	84.84	11-Oct-00	27-Oct-00	1	1	1	27-Oct-00	10	10000000	82435	84.84	1.5	1	1	MULTIPLE	NO YES CODES FOR ST PROJECTS	
25	89.14	11-Oct-00	27-Oct-00	1	1	1	27-Oct-00	10	10000000	82435	89.14	1.6	1	1	MULTIPLE	NO YES CODES FOR ST PROJECTS	
26	114.4	11-Oct-00	27-Oct-00	1	1	1	27-Oct-00	10	10000000	82435	114.4	2.0	1	1	MULTIPLE	NO YES CODES FOR ST PROJECTS	
27	89.44	11-Oct-00	27-Oct-00	1	1	1	27-Oct-00	10	10000000	82435	89.44	1.6	1	1	MULTIPLE	NO YES CODES FOR ST PROJECTS	
28	144.84	11-Oct-00	27-Oct-00	1	1	1	27-Oct-00	10	10000000	82435	144.84	2.6	1	1	MULTIPLE	NO YES CODES FOR ST PROJECTS	
29	225.84	11-Oct-00	27-Oct-00	1	1	1	27-Oct-00	10	10000000	82435	225.84	4.0	1	1	MULTIPLE	NO YES CODES FOR ST PROJECTS	
30	314.84	11-Oct-00	27-Oct-00	1	1	1	27-Oct-00	10	10000000	82435	314.84	5.5	1	1	MULTIPLE	NO YES CODES FOR ST PROJECTS	
31	287.41	11-Oct-00	27-Oct-00	1	1	1	27-Oct-00	10	10000000	82435	287.41	5.0	1	1	MULTIPLE	NO YES CODES FOR ST PROJECTS	
32	108.84	12-Oct-00	17-Nov-00	1	1	1	17-Nov-00	10	10000000	82435	108.84	1.9	1	1	MULTIPLE	NO YES CODES FOR ST PROJECTS	
33	79.74	12-Oct-00	17-Nov-00	1	1	1	17-Nov-00	10	10000000	82435	79.74	1.4	1	1	MULTIPLE	NO YES CODES FOR ST PROJECTS	
34	86.84	12-Oct-00	17-Nov-00	1	1	1	17-Nov-00	10	10000000	82435	86.84	1.5	1	1	MULTIPLE	NO YES CODES FOR ST PROJECTS	
35	81.84	12-Oct-00	17-Nov-00	1	1	1	17-Nov-00	10	10000000	82435	81.84	1.4	1	1	MULTIPLE	NO YES CODES FOR ST PROJECTS	
36	281.24	12-Oct-00	17-Nov-00	1	1	1	17-Nov-00	10	10000000	82435	281.24	5.0	1	1	MULTIPLE	NO YES CODES FOR ST PROJECTS	
37	88.84	12-Oct-00	17-Nov-00	1	1	1	17-Nov-00	10	10000000	82435	88.84	1.6	1	1	MULTIPLE	NO YES CODES FOR ST PROJECTS	
38	111	12-Oct-00	17-Nov-00	1	1	1	17-Nov-00	10	10000000	82435	111	2.0	1	1	MULTIPLE	NO YES CODES FOR ST PROJECTS	
39	244.84	12-Oct-00	17-Nov-00	1	1	1	17-Nov-00	10	10000000	82435	244.84	4.3	1	1	MULTIPLE	NO YES CODES FOR ST PROJECTS	
40	122.07	12-Oct-00	17-Nov-00	1	1	1	17-Nov-00	10	10000000	82435	122.07	2.1	1	1	MULTIPLE	NO YES CODES FOR ST PROJECTS	
41	86.74	12-Oct-00	17-Nov-00	1	1	1	17-Nov-00	10	10000000	82435	86.74	1.5	1	1	MULTIPLE	NO YES CODES FOR ST PROJECTS	
42	368.84	12-Oct-00	17-Nov-00	1	1	1	17-Nov-00	10	10000000	82435	368.84	6.4	1	1	MULTIPLE	NO YES CODES FOR ST PROJECTS	
43	126.1	12-Oct-00	17-Nov-00	1	1	1	17-Nov-00	10	10000000	82435	126.1	2.2	1	1	MULTIPLE	NO YES CODES FOR ST PROJECTS	
44	178.84	12-Oct-00	17-Nov-00	1	1	1	17-Nov-00	10	10000000	82435	178.84	3.1	1	1	MULTIPLE	NO YES CODES FOR ST PROJECTS	
45	87.41	14-Oct-00	17-Nov-00	1	1	1	17-Nov-00	10	10000000	82435	87.41	1.5	1	1	MULTIPLE	NO YES CODES FOR ST PROJECTS	
46	87.74	14-Oct-00	17-Nov-00	1	1	1	17-Nov-00	10	10000000	82435	87.74	1.5	1	1	MULTIPLE	NO YES CODES FOR ST PROJECTS	
47	484.84	18-Oct-00	27-Oct-00	1	1	1	27-Oct-00	10	10000000	82435	484.84	8.4	1	1	MULTIPLE	NO YES CODES FOR ST PROJECTS	
48	81	18-Oct-00	27-Oct-00	1	1	1	27-Oct-00	10	10000000	82435	81	1.4	1	1	MULTIPLE	NO YES CODES FOR ST PROJECTS	
49	101.84	18-Oct-00	27-Oct-00	1	1	1	27-Oct-00	10	10000000	82435	101.84	1.8	1	1	MULTIPLE	NO YES CODES FOR ST PROJECTS	
50	114.81	18-Oct-00	27-Oct-00	1	1	1	27-Oct-00	10	10000000	82435	114.81	2.0	1	1	MULTIPLE	NO YES CODES FOR ST PROJECTS	
51	117.4	18-Oct-00	27-Oct-00	1	1	1	27-Oct-00	10	10000000	82435	117.4	2.1	1	1	MULTIPLE	NO YES CODES FOR ST PROJECTS	
52	81.84	17-Oct-00	27-Oct-00	1	1	1	27-Oct-00	10	10000000	82435	81.84	1.4	1	1	MULTIPLE	NO YES CODES FOR ST PROJECTS	
53	288.44	17-Oct-00	27-Oct-00	1	1	1	27-Oct-00	10	10000000	82435	288.44	5.1	1	1	MULTIPLE	NO YES CODES FOR ST PROJECTS	
54	18.84	17-Oct-00	27-Oct-00	1	1	1	27-Oct-00	10	10000000	82435	18.84	0.3	1	1	MULTIPLE	NO YES CODES FOR ST PROJECTS	
55	112.14	17-Oct-00	27-Oct-00	1	1	1	27-Oct-00	10	10000000	82435	112.14	2.0	1	1	MULTIPLE	NO YES CODES FOR ST PROJECTS	
56	188.44	17-Oct-00	27-Oct-00	1	1	1	27-Oct-00	10	10000000	82435	188.44	3.3	1	1	MULTIPLE	NO YES CODES FOR ST PROJECTS	
57	110.44	17-Oct-00	27-Oct-00	1	1	1	27-Oct-00	10	10000000	82435	110.44	2.0	1	1	MULTIPLE	NO YES CODES FOR ST PROJECTS	
58	88.4	17-Oct-00	27-Oct-00	1	1	1	27-Oct-00	10	10000000	82435	88.4	1.6	1	1	MULTIPLE	NO YES CODES FOR ST PROJECTS	
59	117.14	17-Oct-00	27-Oct-00	1	1	1	27-Oct-00	10	10000000	82435	117.14	2.1	1	1	MULTIPLE	NO YES CODES FOR ST PROJECTS	
60	78.04	17-Oct-00	27-Oct-00	1	1	1	27-Oct-00	10	10000000	82435	78.04	1.4	1	1	MULTIPLE	NO YES CODES FOR ST PROJECTS	

ITEM_CD	UNIT_COST	QUANTITY	START_DT	PART_NAME_COST_FREE	PART_NAME_COST_BAG	PART_NAME_COST_BUL	PLANT_CD	THE_MERD	PLANT_MERD	PLANT_COST	TOTL_COST_COSTS	LINE_AMT	LINE_CD	PLANT_CD	TECH_TXT1	TECH_TXT2
0100000001	1.00	1	1980-01-01	...	...	...	01	...	...	...	...	...	...	01	...	...
0100000002	2.00	1	1980-01-01	...	...	...	01	...	...	...	...	...	...	01	...	...
0100000003	3.00	1	1980-01-01	...	...	...	01	...	...	...	...	...	...	01	...	...
0100000004	4.00	1	1980-01-01	...	...	...	01	...	...	...	...	...	...	01	...	...
0100000005	5.00	1	1980-01-01	...	...	...	01	...	...	...	...	...	...	01	...	...
0100000006	6.00	1	1980-01-01	...	...	...	01	...	...	...	...	...	...	01	...	...
0100000007	7.00	1	1980-01-01	...	...	...	01	...	...	...	...	...	...	01	...	...
0100000008	8.00	1	1980-01-01	...	...	...	01	...	...	...	...	...	...	01	...	...
0100000009	9.00	1	1980-01-01	...	...	...	01	...	...	...	...	...	...	01	...	...
0100000010	10.00	1	1980-01-01	...	...	...	01	...	...	...	...	...	...	01	...	...
0100000011	11.00	1	1980-01-01	...	...	...	01	...	...	...	...	...	...	01	...	...
0100000012	12.00	1	1980-01-01	...	...	...	01	...	...	...	...	...	...	01	...	...
0100000013	13.00	1	1980-01-01	...	...	...	01	...	...	...	...	...	...	01	...	...
0100000014	14.00	1	1980-01-01	...	...	...	01	...	...	...	...	...	...	01	...	...
0100000015	15.00	1	1980-01-01	...	...	...	01	...	...	...	...	...	...	01	...	...
0100000016	16.00	1	1980-01-01	...	...	...	01	...	...	...	...	...	...	01	...	...
0100000017	17.00	1	1980-01-01	...	...	...	01	...	...	...	...	...	...	01	...	...
0100000018	18.00	1	1980-01-01	...	...	...	01	...	...	...	...	...	...	01	...	...
0100000019	19.00	1	1980-01-01	...	...	...	01	...	...	...	...	...	...	01	...	...
0100000020	20.00	1	1980-01-01	...	...	...	01	...	...	...	...	...	...	01	...	...
0100000021	21.00	1	1980-01-01	...	...	...	01	...	...	...	...	...	...	01	...	...
0100000022	22.00	1	1980-01-01	...	...	...	01	...	...	...	...	...	...	01	...	...
0100000023	23.00	1	1980-01-01	...	...	...	01	...	...	...	...	...	...	01	...	...
0100000024	24.00	1	1980-01-01	...	...	...	01	...	...	...	...	...	...	01	...	...
0100000025	25.00	1	1980-01-01	...	...	...	01	...	...	...	...	...	...	01	...	...
0100000026	26.00	1	1980-01-01	...	...	...	01	...	...	...	...	...	...	01	...	...
0100000027	27.00	1	1980-01-01	...	...	...	01	...	...	...	...	...	...	01	...	...
0100000028	28.00	1	1980-01-01	...	...	...	01	...	...	...	...	...	...	01	...	...
0100000029	29.00	1	1980-01-01	...	...	...	01	...	...	...	...	...	...	01	...	...
0100000030	30.00	1	1980-01-01	...	...	...	01	...	...	...	...	...	...	01	...	...
0100000031	31.00	1	1980-01-01	...	...	...	01	...	...	...	...	...	...	01	...	...
0100000032	32.00	1	1980-01-01	...	...	...	01	...	...	...	...	...	...	01	...	...
0100000033	33.00	1	1980-01-01	...	...	...	01	...	...	...	...	...	...	01	...	...
0100000034	34.00	1	1980-01-01	...	...	...	01	...	...	...	...	...	...	01	...	...
0100000035	35.00	1	1980-01-01	...	...	...	01	...	...	...	...	...	...	01	...	...
0100000036	36.00	1	1980-01-01	...	...	...	01	...	...	...	...	...	...	01	...	...
0100000037	37.00	1	1980-01-01	...	...	...	01	...	...	...	...	...	...	01	...	...
0100000038	38.00	1	1980-01-01	...	...	...	01	...	...	...	...	...	...	01	...	...
0100000039	39.00	1	1980-01-01	...	...	...	01	...	...	...	...	...	...	01	...	...
0100000040	40.00	1	1980-01-01	...	...	...	01	...	...	...	...	...	...	01	...	...
0100000041	41.00	1	1980-01-01	...	...	...	01	...	...	...	...	...	...	01	...	...
0100000042	42.00	1	1980-01-01	...	...	...	01	...	...	...	...	...	...	01	...	...
0100000043	43.00	1	1980-01-01	...	...	...	01	...	...	...	...	...	...	01	...	...
0100000044	44.00	1	1980-01-01	...	...	...	01	...	...	...	...	...	...	01	...	...
0100000045	45.00	1	1980-01-01	...	...	...	01	...	...	...	...	...	...	01	...	...
0100000046	46.00	1	1980-01-01	...	...	...	01	...	...	...	...	...	...	01	...	...
0100000047	47.00	1	1980-01-01	...	...	...	01	...	...	...	...	...	...	01	...	...
0100000048	48.00	1	1980-01-01	...	...	...	01	...	...	...	...	...	...	01	...	...
0100000049	49.00	1	1980-01-01	...	...	...	01	...	...	...	...	...	...	01	...	...
0100000050	50.00	1	1980-01-01	...	...	...	01	...	...	...	...	...	...	01	...	...

WPN_CD	LNK_COST	WPNDALE_DT	QNTY_START_DT	PART_NUM_CAIH_PIE	PART_NUM_CAIH_BAG	PART_NUM_CAIH_SUP	WPN_DT	TR_NBO	CLM_NCY	LNK_NME	LNK_COST	TOT_COST_GROSS	LNK_WRS	LNK_CD	WPN_PFRM_EP	WPN_DXT	WPN_TXT
1PTW01547	23.64	4-03-00	21-Jun-01				21-Jun-01	1	2364	2364	23.64	23.64					NO ACCN
1PTW01548	207.27	4-03-00	21-Jun-01				21-Jun-01	1	20727	20727	207.27	207.27					NO ACCN
1PTW01549	97.1	4-03-00	21-Jun-01				21-Jun-01	1	9710	9710	97.1	97.1					NO ACCN
1PTW01550	184.11	4-03-00	21-Jun-01				21-Jun-01	1	18411	18411	184.11	184.11					NO ACCN
1PTW01551	39	4-03-00	21-Jun-01				21-Jun-01	1	3900	3900	39	39					NO ACCN
1PTW01552	89.43	4-03-00	21-Jun-01				21-Jun-01	1	8943	8943	89.43	89.43					NO ACCN
1PTW01553	35	4-03-00	21-Jun-01				21-Jun-01	1	3500	3500	35	35					NO ACCN
1PTW01554	13.61	4-03-00	21-Jun-01				21-Jun-01	1	1361	1361	13.61	13.61					NO ACCN
1PTW01555	69.49	4-03-00	21-Jun-01				21-Jun-01	1	6949	6949	69.49	69.49					NO ACCN
1PTW01556	128.64	4-03-00	21-Jun-01				21-Jun-01	1	12864	12864	128.64	128.64					NO ACCN
1PTW01557	286.58	4-03-00	21-Jun-01				21-Jun-01	1	28658	28658	286.58	286.58					NO ACCN
1PTW01558	197.71	4-03-00	21-Jun-01				21-Jun-01	1	19771	19771	197.71	197.71					NO ACCN
1PTW01559	214.34	4-03-00	21-Jun-01				21-Jun-01	1	21434	21434	214.34	214.34					NO ACCN
1PTW01560	118.39	4-03-00	21-Jun-01				21-Jun-01	1	11839	11839	118.39	118.39					NO ACCN
1PTW01561	109	4-03-00	21-Jun-01				21-Jun-01	1	10900	10900	109	109					NO ACCN
1PTW01562	34.81	4-03-00	21-Jun-01				21-Jun-01	1	3481	3481	34.81	34.81					NO ACCN
1PTW01563	69.07	4-03-00	21-Jun-01				21-Jun-01	1	6907	6907	69.07	69.07					NO ACCN
1PTW01564	111.28	4-03-00	21-Jun-01				21-Jun-01	1	11128	11128	111.28	111.28					NO ACCN
1PTW01565	78.81	4-03-00	21-Jun-01				21-Jun-01	1	7881	7881	78.81	78.81					NO ACCN
1PTW01566	49.07	4-03-00	21-Jun-01				21-Jun-01	1	4907	4907	49.07	49.07					NO ACCN
1PTW01567	18.5	4-03-00	21-Jun-01				21-Jun-01	1	1850	1850	18.5	18.5					NO ACCN
1PTW01568	287	4-03-00	21-Jun-01				21-Jun-01	1	28700	28700	287	287					NO ACCN
1PTW01569	86.8	4-03-00	21-Jun-01				21-Jun-01	1	8680	8680	86.8	86.8					NO ACCN
1PTW01570	36.49	4-03-00	21-Jun-01				21-Jun-01	1	3649	3649	36.49	36.49					NO ACCN
1PTW01571	276.3	4-03-00	21-Jun-01				21-Jun-01	1	27630	27630	276.3	276.3					NO ACCN
1PTW01572	888.78	4-03-00	21-Jun-01				21-Jun-01	1	88878	88878	888.78	888.78					NO ACCN
1PTW01573	14.31	4-03-00	21-Jun-01				21-Jun-01	1	1431	1431	14.31	14.31					NO ACCN
1PTW01574	49.31	4-03-00	21-Jun-01				21-Jun-01	1	4931	4931	49.31	49.31					NO ACCN
1PTW01575	114.83	4-03-00	21-Jun-01				21-Jun-01	1	11483	11483	114.83	114.83					NO ACCN
1PTW01576	67.23	4-03-00	21-Jun-01				21-Jun-01	1	6723	6723	67.23	67.23					NO ACCN
1PTW01577	19.49	4-03-00	21-Jun-01				21-Jun-01	1	1949	1949	19.49	19.49					NO ACCN
1PTW01578	43.31	4-03-00	21-Jun-01				21-Jun-01	1	4331	4331	43.31	43.31					NO ACCN
1PTW01579	281.39	4-03-00	21-Jun-01				21-Jun-01	1	28139	28139	281.39	281.39					NO ACCN
1PTW01580	23.49	4-03-00	21-Jun-01				21-Jun-01	1	2349	2349	23.49	23.49					NO ACCN
1PTW01581	388.84	4-03-00	21-Jun-01				21-Jun-01	1	38884	38884	388.84	388.84					NO ACCN
1PTW01582	23.1	4-03-00	21-Jun-01				21-Jun-01	1	2310	2310	23.1	23.1					NO ACCN
1PTW01583	162.81	4-03-00	21-Jun-01				21-Jun-01	1	16281	16281	162.81	162.81					NO ACCN
1PTW01584	21.49	4-03-00	21-Jun-01				21-Jun-01	1	2149	2149	21.49	21.49					NO ACCN
1PTW01585	61.15	4-03-00	21-Jun-01				21-Jun-01	1	6115	6115	61.15	61.15					NO ACCN
1PTW01586	117.2	4-03-00	21-Jun-01				21-Jun-01	1	11720	11720	117.2	117.2					NO ACCN
1PTW01587	78.81	4-03-00	21-Jun-01				21-Jun-01	1	7881	7881	78.81	78.81					NO ACCN
1PTW01588	26	4-03-00	21-Jun-01				21-Jun-01	1	2600	2600	26	26					NO ACCN
1PTW01589	26.4	4-03-00	21-Jun-01				21-Jun-01	1	2640	2640	26.4	26.4					NO ACCN
1PTW01590	117.21	4-03-00	21-Jun-01				21-Jun-01	1	11721	11721	117.21	117.21					NO ACCN
1PTW01591	31.1	4-03-00	21-Jun-01				21-Jun-01	1	3110	3110	31.1	31.1					NO ACCN
1PTW01592	76.1	4-03-00	21-Jun-01				21-Jun-01	1	7610	7610	76.1	76.1					NO ACCN
1PTW01593	123.17	4-03-00	21-Jun-01				21-Jun-01	1	12317	12317	123.17	123.17					NO ACCN
1PTW01594	61.39	4-03-00	21-Jun-01				21-Jun-01	1	6139	6139	61.39	61.39					NO ACCN
1PTW01595	21.11	4-03-00	21-Jun-01				21-Jun-01	1	2111	2111	21.11	21.11					NO ACCN
1PTW01596	73.49	4-03-00	21-Jun-01				21-Jun-01	1	7349	7349	73.49	73.49					NO ACCN
1PTW01597	44.88	4-03-00	21-Jun-01				21-Jun-01	1	4488	4488	44.88	44.88					NO ACCN
1PTW01598	71.69	4-03-00	21-Jun-01				21-Jun-01	1	7169	7169	71.69	71.69					NO ACCN

WK_CD	LN_COST	PRYNGM_DT	WKTY_START_DT	PART_NUM_CAUSE_PRI	PART_NUM_CAUSE_SEC	PART_NUM_CAUSE_THI	APP_DT	TBL_WBO	CLM_JRY	NUM	NTBL_COST	TOTL_COST_GROSS	LN_HCS	LNLS_CD	PRYNGM_CD	TRSH_TXT	TRSH_UNITS
11-01	12.7	11-01-00	11-01-00														
11-02	12.7	11-02-00	11-02-00														
11-03	12.7	11-03-00	11-03-00														
11-04	12.7	11-04-00	11-04-00														
11-05	12.7	11-05-00	11-05-00														
11-06	12.7	11-06-00	11-06-00														
11-07	12.7	11-07-00	11-07-00														
11-08	12.7	11-08-00	11-08-00														
11-09	12.7	11-09-00	11-09-00														
11-10	12.7	11-10-00	11-10-00														
11-11	12.7	11-11-00	11-11-00														
11-12	12.7	11-12-00	11-12-00														
11-13	12.7	11-13-00	11-13-00														
11-14	12.7	11-14-00	11-14-00														
11-15	12.7	11-15-00	11-15-00														
11-16	12.7	11-16-00	11-16-00														
11-17	12.7	11-17-00	11-17-00														
11-18	12.7	11-18-00	11-18-00														
11-19	12.7	11-19-00	11-19-00														
11-20	12.7	11-20-00	11-20-00														
11-21	12.7	11-21-00	11-21-00														
11-22	12.7	11-22-00	11-22-00														
11-23	12.7	11-23-00	11-23-00														
11-24	12.7	11-24-00	11-24-00														
11-25	12.7	11-25-00	11-25-00														
11-26	12.7	11-26-00	11-26-00														
11-27	12.7	11-27-00	11-27-00														
11-28	12.7	11-28-00	11-28-00														
11-29	12.7	11-29-00	11-29-00														
11-30	12.7	11-30-00	11-30-00														
12-01	12.7	12-01-00	12-01-00														
12-02	12.7	12-02-00	12-02-00														
12-03	12.7	12-03-00	12-03-00														
12-04	12.7	12-04-00	12-04-00														
12-05	12.7	12-05-00	12-05-00														
12-06	12.7	12-06-00	12-06-00														
12-07	12.7	12-07-00	12-07-00														
12-08	12.7	12-08-00	12-08-00														
12-09	12.7	12-09-00	12-09-00														
12-10	12.7	12-10-00	12-10-00														
12-11	12.7	12-11-00	12-11-00														
12-12	12.7	12-12-00	12-12-00														
12-13	12.7	12-13-00	12-13-00														
12-14	12.7	12-14-00	12-14-00														
12-15	12.7	12-15-00	12-15-00														
12-16	12.7	12-16-00	12-16-00														
12-17	12.7	12-17-00	12-17-00														
12-18	12.7	12-18-00	12-18-00														
12-19	12.7	12-19-00	12-19-00														
12-20	12.7	12-20-00	12-20-00														
12-21	12.7	12-21-00	12-21-00														
12-22	12.7	12-22-00	12-22-00														
12-23	12.7	12-23-00	12-23-00														
12-24	12.7	12-24-00	12-24-00														
12-25	12.7	12-25-00	12-25-00														
12-26	12.7	12-26-00	12-26-00														
12-27	12.7	12-27-00	12-27-00														
12-28	12.7	12-28-00	12-28-00														
12-29	12.7	12-29-00	12-29-00														
12-30	12.7	12-30-00	12-30-00														
12-31	12.7	12-31-00	12-31-00														

