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### 2. MATERIAL INFORMATION

### A. Material - Price and Availability

Boeing can supply the kits shown in Paragraph 2.C., Parts Necessary for Each Airplane. Operators are encouraged to share schedule requirements with Boeing for incorporation of the service bulletin. The kits are subject to the terms and conditions of the Boeing standard purchase order acknowledgment. Prices are in United States Dollars. Terms: Net 30 days.

Reference this service bulletin and submit your purchase order by one of these methods:

- 1. Order on-line via ATA Spec 2000 or The Boeing PART Page
- 2. Fax to (206) 662-7145

Group 1:

REFER TO THE BOEING PART PAGE ON MYBOEINGFLEET.COM OR CONTACT FIRST RESPONDER AT FR@BOEING.COM FOR THE LATEST REORDER LEAD TIME (ROLT) AND PRICE INFORMATION

Kit Number	Name	Date	QTY	ROLT as of the Revision 1 date of this Service Bul- letin (Calendar Days)	Unit Price as of the Revision 1 date of this Service Bulletin (US Dollars)
65C38809-2	Top Kit -	Sept 20, 2016	1	353	\$5,561.00
	Grounding Bracket, Boost	Mar 02, 2017	75		
	Pump Wiring	Mar 09, 2017	43		

Group 2:
REFER TO THE BOEING PART PAGE ON MYBOEINGFLEET.COM OR CONTACT FIRST RESPONDER
AT FR@BOEING.COM FOR THE LATEST REORDER LEAD TIME (ROLT) AND PRICE INFORMATION

Kit Number	Name	Date	QTY	ROLT as of the Revision 1 date of this Service Bul- letin (Calendar Days)	Unit Price as of the Revision 1 date of this Service Bulletin (US Dollars)
65C38809-1	Top Kit -	Sept 20, 2016	1	353	\$5,525.00
	Grounding Bracket, Boost	Mar 02, 2017	90		
	Pump Wiring	Mar 09, 2017	90		
		Mar 16, 2017	108		

### Group 3:

Boeing endorses the FAA rules related to Limit of Validity (LOV) and recommends immediate and permanent removal from service of any airplanes upon reaching the LOV, whether or not it is operated under FAA jurisdiction. As such, Boeing no longer provides maintenance instructions for airplanes that have accumulated flight cycles beyond the LOV. Airplanes in Group 3 (line numbers 1-291) have accumulated flight cycles beyond the LOV of the maintenance program. 14 CFR 121.1115 and 129.115 prohibit operation of an airplane beyond its LOV.

Original Issue: December 23, 2014

Revision 1: March 14, 2017

The parts that follow are only necessary for the replacement of the existing fuel tank conduit(s).

Group 1:

<u>REFER TO THE BOEING PART PAGE ON MYBOEINGFLEET.COM OR CONTACT FIRST RESPONDER</u>

<u>AT FR@BOEING.COM FOR THE LATEST REORDER LEAD TIME (ROLT) AND PRICE INFORMATION</u>

Kit Number	Name	ROLT as of the original issue date of this Service Bulletin (Calendar Days)	Unit Price as of the original issue date of this Service Bulletin (US Dollars)
65-46509-157	TUBE ASSY	-	\$992.00
65-46509-158	TUBE ASSY	-	\$1,034.00
65-46509-163	TUBE ASSY	-	\$933.00
65-46509-164	TUBE ASSY	-	\$986.00
65-46509-165	TUBE ASSY	-	\$855.00
65-46509-166	CONDUIT ASSY	-	\$955.00

Group 2:

<u>REFER TO THE BOEING PART PAGE ON MYBOEINGFLEET.COM OR CONTACT FIRST RESPONDER</u>

<u>AT FR@BOEING.COM FOR THE LATEST REORDER LEAD TIME (ROLT) AND PRICE INFORMATION</u>

Kit Number	Name	ROLT as of the original issue date of this Service Bulletin (Calendar Days)	Unit Price as of the original issue date of this Service Bulletin (US Dollars)
65C26901-38	TUBE ASSY-ELECTRICAL CONDUIT, BOOST PUMP	-	\$1,066.00
65C26901-47	TUBE ASSY-ELECTRICAL CONDUIT, BOOST PUMP	-	\$800.00
65C26901-48	TUBE ASSY-ELECTRICAL CONDUIT, BOOST PUMP	-	\$1,457.00
65C26901-49	TUBE ASSY-ELECTRICAL CONDUIT, BOOST PUMP	-	\$563.00
65C26901-88	TUBE ASSY-ELECTRICAL CONDUIT, BOOST PUMP	-	\$835.00
65C26901-91	TUBE ASSY	-	\$875.00
65C26901-135	TUBE ASSY	-	\$646.00

## Group 3:

Boeing endorses the FAA rules related to Limit of Validity (LOV) and recommends immediate and permanent removal from service of any airplanes upon reaching the LOV, whether or not it is operated under FAA jurisdiction. As such, Boeing no longer provides maintenance instructions for airplanes that have accumulated flight cycles beyond the LOV. Airplanes in Group 3 (line numbers 1-291) have accumulated flight cycles beyond the LOV of the maintenance program. 14 CFR 121.1115 and 129.115 prohibit operation of an airplane beyond its LOV.

Original Issue: December 23, 2014

Revision 1: March 14, 2017 Export (PROPR

Operators are encouraged to complete the survey provided in APPENDIX B of this service bulletin to help Boeing predict the quantity and timing of the Boeing Supplied Kits/Parts.

## **B.** Industry Support Information

Boeing warranty remedies are not available for the configuration changes given in this service bulletin.

## C. Parts Necessary for Each Airplane

### 1. Kits/Parts

To get the kits/parts shown below, refer to Paragraph 2.A., Material - Price and Availability.

**NOTE:** One top kit and the items shown in Paragraph 2.C.2., Parts and Materials Supplied by the Operator, are necessary for each airplane.

## Group 1-2:

Kit 65C38809					
New Part Number	Q	ty	Name	Existing Part	Notes
	-1	-2		Number	
65C38809-1	-		TOP KIT - GROUNDING BRACKET, BOOST PUMP WIRING. 737-300/- 400/-500		
65C38809-2		-	TOP KIT - GROUNDING BRACKET, BOOST PUMP WIRING. 737-100/- 200		
61-74492-1	1	1	WIRE KIT - FINAL BOOST PUMP WIRING - WITH CENTER TANKS		
65C38810-1	1		KIT INSTL - GROUNDING BRACKET, BOOST PUMP WIRING		
65C38810-2		1	KIT INSTL - GROUNDING BRACKET, BOOST PUMP WIRING		

# Group 1-2:

Kit 65C38809											
New Part Number	Q	ty	Name	Existing Part	Notes						
	-1	-2	-	Number							
65C38811-1	1	1	KIT-INSTL, CON- DUIT TERMINAL SHIELD								

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Kit 61-74492									
New Part Number			Q	ty			Name	Existing Part Number	Notes
	-1	-131	-131W	-132	-132W	-133			
61-74492-1	-					•	WIRE KIT - FINAL BOOST PUMP WIRING - WITH CENTER TANKS		
61-74492-131		-					ASSY - W512		
61-74492-131W			-				WIRE LIST		
61-74492-132				-			ASSY - W514		
61-74492-132W					-		WIRE LIST		
61-74492-133						-	ASSY - W516		
322320		2		2		2	TERMINAL		
61-74492-131	1						ASSY - W512		
61-74492-131A		1					ASSY - W512 - PARTIAL PREFAB OF WIRING		
61-74492-132	1						ASSY - W514		
61-74492-132A				1			ASSY - W514 - PARTIAL PREFAB OF WIRING		
61-74492-133	1						ASSY - W516		
61-74492-133A						1	ASSY - W516 - PARTIAL PREFAB OF WIRING		
61-74492-134	1						ASSY - W520		
61-74492-231	1						Assy - W512 SUP- PLEMENTAL		

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Kit 61-74492									
New Part Number			Q	ty		ı	Name	Existing Part Number	Notes
	-1	-131	-131W	-132	-132W	-133		Number	
61-74492-232	1						Assy - W514 SUP- PLEMENTAL		
61-74492-233	1						Assy - W516 SUP- PLEMENTAL		
61-74492-234	1						Assy - W520 SUP- PLEMENTAL		
61-74492-2001	1						LACING TAPE - WHITE		
61-74492-2002	1						THERMOFIT SLEEVE, TFE-2X, SIZE 8		
61-74492-2004	1						THERMOFIT SLEEVE, INNER DIA 0.093 IN.		
61-74492-2005	1						THERMOFIT SLEEVE, INNER DIA 0.375 IN.		
61-74492-2006	1						THERMOFIT SLEEVE, INNER DIA 0.5 IN.		
61-74492-2007	1						THERMOFIT SLEEVE, INNER DIA 0.25 IN.		
61-74492-2008	1						SHIELD BRAID, INNER DIA. 0.125 IN.		
61-74492-2009	1						SHIELD BRAID, INNER DIA. 0.25 IN.		
61-74492-2010	1						LACING TAPE - WHITE		
61-74492-2011	1						THERMOFIT SLEEVE - TFE-4X - 0.25 IN. I.D.		
61-74492-2012	1						THERMOFIT SLEEVE - TFE-4X - 0.375 IN. I.D.		

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Kit 61-74492									
New Part Number		I	I	ty	ı	I	Name	Existing Part Number	Notes
	-1	-131	-131W	-132	-132W	-133			
61-74492-2013	1	-					THERMOFIT SLEEVE - TFE-2X - SIZE 8		
61-74492-2015	1						THERMOFIT SLEEVE - YEL- LOW - 0.375 IN. I.D.		
61-74492-2016	1						THERMOFIT SLEEVE - TFE-2X - SIZE 10		
61-74492-2017	1						THERMOFIT SLEEVE - TFE-2X - SIZE 10		
61-74492-10101		1					SPLICE I.D. SLEEVE - SP792		
61-74492-10102		1					SPLICE I.D. SLEEVE - SP794		
61-74492-10103		1					SPLICE I.D. SLEEVE - SP796		
61-74492-10104		1					WIRE I.D. SLEEVE - W0512- 405R,6B,7Y,8G-18		
61-74492-10201				1			SPLICE I.D. SLEEVE - SP878		
61-74492-10202				1			SPLICE I.D. SLEEVE - SP880		
61-74492-10203				1			SPLICE I.D. SLEEVE - SP882		
61-74492-10204				1			WIRE I.D. SLEEVE - W0514- 405R,6B,7Y,8G-18		
61-74492-10301	-					1	SPLICE I.D. SLEEVE - SP884		
61-74492-10302						1	SPLICE I.D. SLEEVE - SP886		
61-74492-10303						1	SPLICE I.D. SLEEVE - SP888		

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61-74492-10304	New Part Number			Q	ty			Name	Existing Part Number	Notes
BACC47CP2S		-1	-131	-131W	-132	-132W	-133			
BACS13S165B . 2 . 2 . 2 SLEEVE	61-74492-10304	•		-	•		1	- W0516-		
BACS13S175B . 2 . 2 . 2 SLEEVE   BACS13S187B . 2 . 2 . 2 SLEEVE   BACS13S232C . 2 . 2 SLEEVE   BACS13S261C . 2 . 2 . 2 SLEEVE   BACS13S275C . 2 . 2 . 2 SLEEVE   BACS13S287C . 2 . 2 . 2 SLEEVE   BACT12AC3 . 2 . 2 . 2 SLEEVE   BACT63D1 . 10 . 10 SLEEVE, HEAT SHRINK  BACT63D2 . 10 . 10 SLEEVE, HEAT SHRINK  BMS13-48T10C01G020	BACC47CP2S		5		5		5			
BACS13S187B . 2 . 2 . 2 SLEEVE	BACS13S165B		2		2		2	SLEEVE		
BACS13S232C	BACS13S175B		2		2		2	SLEEVE		
BACS13S261C . 2 . 2 . 2 SLEEVE (b)  BACS13S275C . 2 . 2 . 2 SLEEVE  BACS13S287C . 2 . 2 . 2 SLEEVE  BACT12AC3 . 2 . 2 . 2 TERMINAL, LUG  BACT63D1 . 10 . 10 . 10 SLEEVE, HEAT SHRINK  BACT63D2 . 10 . 10 . 10 SLEEVE, HEAT SHRINK  BMS13-48T10C01G020	BACS13S187B		2		2		2	SLEEVE		
BACS13S275C . 2 . 2 . 2 SLEEVE  BACS13S287C . 2 . 2 . 2 SLEEVE  BACT12AC3 . 2 . 2 . 2 TERMINAL, LUG  BACT63D1 . 10 . 10 . 10 SLEEVE, HEAT SHRINK  BACT63D2 . 10 . 10 . 10 SLEEVE, HEAT SHRINK  BMS13-48T10C01G020 . 1 . 1 . 1 . WIRE	BACS13S232C		2		2		2	SLEEVE		
BACS13S287C       .       2       .       2       .       2       SLEEVE         BACT12AC3       .       2       .       2       .       2       TERMINAL, LUG         BACT63D1       .       <	BACS13S261C		2		2		2	SLEEVE		(b)
BACT12AC3 . 2 . 2 . 2 TERMINAL, LUG  BACT63D1 . 10 . 10 . 10 SLEEVE, HEAT SHRINK  BACT63D2 . 10 . 10 . 10 SLEEVE, HEAT SHRINK  BMS13- 48T10C01G020 . 1 . 1 . 1 . WIRE	BACS13S275C		2		2		2	SLEEVE		
BACT63D1 . 10 . 10 . 10 SLEEVE, HEAT SHRINK  BACT63D2 . 10 . 10 . 10 SLEEVE, HEAT SHRINK  BMS13- 48T10C01G020 . 1 . 1 . 1 . WIRE	BACS13S287C		2		2		2	SLEEVE		
BACT63D2 . 10 . 10 . 10 SLEEVE, HEAT SHRINK  BMS13- 48T10C01G020 1 . 1 . WIRE	BACT12AC3		2		2		2	TERMINAL, LUG		
BMS13 1 . 1 . WIRE	BACT63D1		10		10		10			
48T10C01G020	BACT63D2		10		10		10			
D-436-37 . 4 . 4 . 4 SPLICE (a)	BMS13- 48T10C01G020			1		1		WIRE		
	D-436-37		4		4		4	SPLICE		(a)

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Kit 61-74492									
New Part Number			Q	ty			Name	Existing Part	Notes
	-133W	-134	-134VV	-231W	-232W	-233W		Number	
61-74492-133W	-						WIRE LIST		
61-74492-134		-					ASSY - W520		
61-74492-134W			-				WIRE LIST		
61-74492-231W				-			WIRE LIST		
61-74492-232W					-		WIRE LIST		

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Kit 61-74492									
New Part Number			Q	ty			Name	Existing Part	Notes
	-133W	-134	-134VV	-231W	-232W	-233W		Number	
61-74492-233W						-	WIRE LIST		
322320		2					TERMINAL		
61-74492-134A		1					ASSY - W520 - PARTIAL PREFAB OF WIRING		
61-74492-10401		1					SPLICE I.D. SLEEVE - SP804		
61-74492-10402		1					SPLICE I.D. SLEEVE - SP806		
61-74492-10403		1					SPLICE I.D. SLEEVE - SP808		
61-74492-10404		1					WIRE I.D. SLEEVE - W0520- 405R,6B,7Y,8G-18		
BACC47CP2S		5					CONTACT, SOCK- ET, SIZE 16		
BACS13S165B		2					SLEEVE		
BACS13S175B		2		-			SLEEVE		
BACS13S187B		2					SLEEVE		
BACS13S232C		2					SLEEVE		
BACS13S261C		2					SLEEVE		(b)
BACS13S275C		2					SLEEVE		
BACS13S287C		2					SLEEVE		
BACT12AC3		2		-			TERMINAL, LUG		
BACT63D1		10					SLEEVE, HEAT SHRINK		
BACT63D2		10					SLEEVE, HEAT SHRINK		
BMS13- 48T10C01G018				1	1	1	WIRE		
BMS13- 48T10C01G020	1		1				WIRE		
BMS13- 60T10C01G018				1	1	1	Wire		

# ALL

Kit 61-74492											
New Part Number			Q	ty			Name	Existing Part Number	Notes		
	-133VV	-134	-134VV	-231W	-232W	-233W					
D-436-37		4	-				SPLICE		(a)		
(a) There are more	There are more parts than are necessary.										
(b) Optional part n	Optional part number BACS13S281C.										

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Kit 61-74492										
New Part Number	Qty	Name	<b>Existing Part</b>	Notes						
	-234W	_	Number							
61-74492-234W	-	WIRE LIST								
BMS13- 48T10C01G018	1	WIRE								
BMS13- 60T10C01G018	1	Wire								

# Group 1-2:

Kit 65C38810									
New Part Number	Q	ty	Name	Existing Part	Notes				
	-1	-2		Number					
65C38810-1	-		KIT INSTL - GROUNDING BRACKET, BOOST PUMP WIRING						
65C38810-2		-	KIT INSTL - GROUNDING BRACKET, BOOST PUMP WIRING						
21A00355-1 (04999A025017 optional)	1	1	INSTALLATION ADAPTER FOR LINER ASSEMBLY						
23A03595-1	2	2	CONVOLUTED LINER						
23A03595-3	2	2	CONVOLUTED LINER						

**Group 1-2:** 

New Part Number	Q	ty	Name	<b>Existing Part</b>	Notes
	-1 -2			Number	
65C38706-2	2 2		KIT - ELECTRICAL BRACKET, NITRO- GEN GENERA- TION SYSTEM		
65C38810-3	1	1	TAPE, ID		
65C38810-4	1	1	TAPE, ID		
65C38810-5	1	1	TAPE, ID		
65C38810-6	1	1	TAPE, ID		
65C38810-7	1	1	TAPE, ID		
65C38810-8	1	1	TAPE, ID		
65C38810-9	2	2	TAPE		
BACC10GU104	4	4	CLAMP, WIRE BUNDLE		
BACC10GU114	4	4	CLAMP, WIRE BUNDLE		
BACN10YR3CD	2	2	NUT		
BACR15BB6D4C	6	6	RIVET, UNIVER- SAL HD		(a)
BACS12HN3-7	2	2	BOLT		(a)
BACS12HN3-8	4	4	BOLT		(a)
BACS12HN3-9	8	8	BOLT		(a)
BACS18AY3	8	8	SPACER		
BACS18AY5	8	8	SPACER		
BACS45A13	12	12	SEAL		
NAS1149D0316H	6	6	WASHER		

<sup>(</sup>a) If grip length shown is not available at Boeing, fasteners supplied in kits may be one grip length longer than indicated. Also, if any fasteners part numbers listed are not available or have been superseded, substitute fasteners may be supplied in kits.

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Kit 65C38811										
New Part Number	Qty	Name	Existing Part	Notes						
	-1		Number							
65C38811-1	-	KIT-INSTL, CON- DUIT TERMINAL SHIELD								
6-84527-1	4	BOLT-SHOULDER		(a) (b)						
BACB30LM4-10	4	BOLT		(a)						
NAS1149D0416H 8		WASHER, FLAT		(c)						
(a) If grip length shown is not available at Boeing, fasteners supplied in kits may be one grip length longer than indicated. Also, if any fasteners part numbers listed are not available or have been superseded, substitute fasteners may be supplied in kits.										
(b) There are more	) There are more parts than necessary.									
(c) Optional part n	Optional part number NAS1149D0463H.									

Group 1: The parts that follow are only necessary for the replacement of the existing fuel tank conduit(s).

Kit 65-46509										
New Part Number			Q <sup>-</sup>	ΓY			Name	<b>Existing Part</b>	Notes	
	-157	-158	-163	-164	-165	-166		Number		
65-46509-157	-						TUBE ASSY		(a) (b) (c)	
65-46509-158		-					TUBE ASSY		(a) (b)	
65-46509-163			-				TUBE ASSY		(a) (b)	
65-46509-164				-			TUBE ASSY		(a) (b)	
65-46509-165					-		TUBE ASSY		(a) (b) (c)	
65-46509-166						-	CONDUIT ASSY		(a) (b)	
BACN10CS08D		2	2	2			COUPLING, NUT			
BACN10CS8D	2			-	2	2	COUPLING, NUT			
BACS13BX08HP	2	2	2	2	2	2	SLEEVE, FLARELESS			
MR576N		1	1	1			WW-T-700/6 6061 T6 TUBING			

Group 1:

The parts that follow are only necessary for the replacement of the existing fuel tank conduit(s).

Kit 65-46509										
New Part Number			Q <sup>-</sup>	ГΥ			Name	Existing Part Number	Notes	
	-157	-158	-163	-164	-165	-166				
(b) This part is not used for Production.										
(c) Use seamless aluminum tubing WW-T-700/6 6061-T6 to assemble the identified Tube Assembly.										

Group 2: The parts that follow are only necessary for the replacement of the existing fuel tank conduit(s).

New Part Number			Q.	ΓY			Name	<b>Existing Part</b>	Notes
	-38	-47	-48	-49	-88	-91		Number	
65C26901-38	-						TUBE ASSY-ELECTRI- CAL CONDUIT, BOOST PUMP		(a) (b)
65C26901-47		-					TUBE ASSY-ELECTRI- CAL CONDUIT, BOOST PUMP		(a) (b)
65C26901-48			-				TUBE ASSY-ELECTRI- CAL CONDUIT, BOOST PUMP		(a) (b)
65C26901-49				-			TUBE ASSY-ELECTRI- CAL CONDUIT, BOOST PUMP		(a) (b)
65C26901-88					-		TUBE ASSY-ELECTRI- CAL CONDUIT, BOOST PUMP		(a) (b)
65C26901-91						-	TUBE ASSY-		(a) (b)
BACN10CS08D	2	2	2	2	2	2	COUPLING, NUT		
BACS13BX08HP	2	2	2	2	2	2	SLEEVE, FLARELESS		
MR674X	1	1	1	1	1		ALUMINUM ALLOY TUBING; SEE RM PL FOR COMPLETE DE- SCRIPTION		

- (a) Discard the existing part.
- (b) This part is not used for Production.
- (c) Use seamless aluminum tubing WW-T-700/6 6061-T6 to assemble the identified Tube Assembly.

2. Parts and Materials Supplied by the Operator

Part Number / Specification	QTY	Name	Notes						
BAC5719, TYPE II, CLASS A	1 PT	CHEMICAL CONVERSION COATING							
BMS5-37	24 Ounces	SEALANT	(a)						
BMS5-45, CLASS B	24 Ounces	SEALANT	(a)						
BMS5-95	24 Ounces	SEALANT	(a)						
BMS 10-11, TYPE I	24 Ounces	PRIMER	(a)						
BMS15-5	12 Ounces	ABSORBENT WIPERS FOR PRO- CESS CLEANING	(a)						
DOW CORNING MOLYKOTE 33	24 Ounces	BEARING GREASE, LIGHT OR MEDI- UM							
LOCTITE 222	12 Ounces	THREAD LOCKING COMPOUND							
MS20995NC20	10 Feet	LOCKWIRE							
SCOTCH 63	1 Roll	ADHESIVE TAPE, WIDTH 0.5 IN							
WW-T-700/6 6061-T6	100 inches	SEAMLESS ALUMINUM TUBING	(b) (c)						
-	1 Roll	PAPER TAPE	Used as mold for vapor seal and pressure seal.						
-	4	PULL WIRE, #16 OR #18 GAGE	Length 120 inches.						
BMS13-54, Type III, Class 1, Finish C	1 Roll	Lacing Tape - White	(a)						
BACT12AC8	4	TERMINAL, LUG							
D-436-59	8	SPLICE - SEALING SLEEVE	(a) (d)						
(a) See the Qualified Products List at the end of the Boeing Material Specification (BMS) for supplier data.									

- (b) Use 0.5 inch outer diameter X 0.028 inch wall thickness with finish MIL-C-5541, Class 3.
- (c) Use to assemble Tube Assembly part number 65-46509-157, 65-46509-165, 65-46509-166, 65C26901-91, or 65C26901-135.
- (d) There are more parts than are necessary.
  - 3. Parts Modified and Reidentified

None.

4. Parts Removed and Not Replaced

None.

### **BOEING SERVICE BULLETIN 737-28A1273**

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D. Parts Necessary to Change Spares

None.

E. Special Tooling - Price and Availability

None.

F. Special Tooling Necessary to do this Service Bulletin

No special tools or equipment are necessary to do the change in this service bulletin. But, maintenance and overhaul tools in the manuals given in Paragraph 1.J., References, can be necessary. Examine operator tool supply to make sure all necessary tools are available.