

# TO 1C-17A-2-56JG-10-1

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## TECHNICAL MANUAL

### JOB GUIDE ORGANIZATIONAL MAINTENANCE

## WINDOWS FLIGHT COMPARTMENT (56-10-00 THROUGH 56-12-11)

### USAF SERIES **C-17A** AIRCRAFT

MCDONNELL DOUGLAS CORPORATION  
MILITARY TRANSPORT AIRCRAFT  
F33657-81-C-2108  
FA8526-12-D-0001

THIS MANUAL SUPERSEDES TO 1C-17A-2-56JG-10-1 DATED 1 AUGUST 2021.

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**1 DECEMBER 2021**

# TO 1C-17A-2-56JG-10-1

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**T-2**

**1 DECEMBER 2021**

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**Dates of issue for original and changed pages are:**

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TOTAL NUMBER OF PAGES IN THIS PUBLICATION IS 238 CONSISTING OF THE FOLLOWING:

Page No.	* Change No.	Page No.	* Change No.
Title thru T-2 . . . . .	0	2-96 blank . . . . .	0
A. . . . .	0	2-97 thru 2-121 . . . . .	0
B blank . . . . .	0	2-122 blank . . . . .	0
i . . . . .	0	2-123 thru 2-124. . . . .	0
ii blank . . . . .	0	2-125 blank . . . . .	0
iii thru v . . . . .	0	2-126 thru 2-139. . . . .	0
vi blank . . . . .	0	2-140 blank . . . . .	0
1-1. . . . .	0	2-141 thru 2-144. . . . .	0
1-2 blank . . . . .	0	2-145 blank . . . . .	0
2-1 thru 2-21. . . . .	0	2-146 thru 2-150. . . . .	0
2-22 blank . . . . .	0	2-151 blank . . . . .	0
2-23 thru 2-26 . . . . .	0	2-152 thru 2-163. . . . .	0
2-27 blank . . . . .	0	2-164 blank . . . . .	0
2-28 thru 2-53 . . . . .	0	2-165 thru 2-166. . . . .	0
2-54 blank . . . . .	0	2-167 blank . . . . .	0
2-55 thru 2-56 . . . . .	0	2-168 thru 2-180. . . . .	0
2-57 blank . . . . .	0	2-181 blank . . . . .	0
2-58 thru 2-61 . . . . .	0	2-182 thru 2-185. . . . .	0
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2-63 thru 2-66 . . . . .	0	2-187 thru 2-194. . . . .	0
2-67 blank . . . . .	0	2-195 blank . . . . .	0
2-68 thru 2-70 . . . . .	0	2-196 thru 2-218. . . . .	0
2-71 blank . . . . .	0	2-219 blank . . . . .	0
2-72 thru 2-79 . . . . .	0	2-220 thru 2-225. . . . .	0
2-80 blank . . . . .	0	2-226 blank . . . . .	0
2-81 thru 2-82 . . . . .	0		
2-83 blank . . . . .	0		
2-84 thru 2-92 . . . . .	0		
2-93 blank . . . . .	0		
2-94 thru 2-95 . . . . .	0		

\*Zero in this column indicates an original page.



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# INTRODUCTION

## **SCOPE.**

This manual contains maintenance procedures for the removal, installation, repair, and adjustment of flight compartment window components.

## **MODEL(S) COVERED.**

All

## **ABBREVIATIONS.**

The following is a list of non-standard abbreviations used throughout this manual.

EPC                                      Electrical Power Center

PLCS                                      Places

## **ELECTROSTATIC DISCHARGE SENSITIVE.**

When **\*\*ESD\*\*** appears between a paragraph title and the paragraph number, the entire paragraph and all subparagraphs shall be considered Electrostatic Discharge (ESD) sensitive. When **\*\*ESD\*\*** appears between a step number and the step text, the step shall be considered ESD sensitive. Reference DoD-STD-1686, TO 00-25-234, and DoD HDBK-263.

## **CHANGE REQUEST.**

Recommendations for routine changes to this Technical Order (TO) will be on AFTO Form 22, Technical Manual (TM) Change Recommendation and Reply, in accordance with TO 00-5-1. Completed forms will be forwarded through the Command Control Point (CCP) to Boeing Airlift and Tanker, C-17 Technical Publications group mailbox at [c17-techpubspcrs@boeing.com](mailto:c17-techpubspcrs@boeing.com). Information copies will be sent to AFLCMC/WLMC TOMA, Robins AFB, GA.

Urgent AFTO Form 22s will be routed through the CCP to AFLCMC/WLMC TOMA, Robins AFB, GA. Emergency AFTO Form 22s will be transmitted by immediate message, e-mail, or fax to AFLCMC/WLMC TOMA. Information copies will be sent to HQ AMC/A4M, Scott AFB, IL and AFLCMC/WLMC TOMA, Robins AFB, GA.

**C-17 TO INFORMATION.**

General C-17 TO/eTO and TO Manager information can be found in the Enhanced Technical Information Management System (ETIMS). C-17 TO supplement and finalized AFTO Form 22 information can be found on the C-17 TO System Application Site at: <https://asw.robins.af.mil/afto22/AFTO22>



## LIST OF TIME COMPLIANCE TECHNICAL ORDERS (TCTO).

This list of TCTO's contains all current TCTO's that affect the technical content of text or illustrations found in this manual.

TCTO NUMBER	TITLE	TCTO DATE	APPLICABILITY
1C-17A-2355G	Installation of Electronic Flight Bag Ball Mount, Part No. RAM-202U, C-17A Aircraft	03 JUL 19	<div><div>BJ</div> → <div>GP</div><div>GT</div><div>GV</div> → <div>HA</div><div>HC</div> → <div>HL</div><div>HP</div> → <div>HU</div><div>HW</div> <div>HY</div><div>JA</div> → <div>JT</div><div>KA</div> → <div>KC</div><div>KG</div> → <div>KK</div><div>KQ</div> → <div>KR</div><div>KT</div> → <div>KU</div><div>KW</div><div>LB</div> → <div>LG</div><div>LJ</div> → <div>LZ</div><div>MA</div> <div>MB</div><div>ME</div> → <div>MM</div></div>



## SECTION 1

### GENERAL INFORMATION (56-10-00)

#### **1-1. GENERAL INFORMATION.**

1-2. This section provides general information that is essential for ensuring complete and safe maintenance procedures contained throughout this manual.

1-3. All adhesive sealants, sealants, and compounds used in this manual are listed with a primary part number and/or primary specification number. Any suitable substitutes and/or interchangeable adhesive sealants, sealants, and compounds may be used unless otherwise specified. Suitable substitutes and/or interchangeable adhesive sealants, sealants, and compounds are listed in the system peculiar corrosion control manual (Refer to TO 1C-17A-23, Chapter 1, Section III).



## SECTION 2

# WINDSHIELD PANEL ASSEMBLY (56-11-10)

### MASTER INPUT CONDITIONS:

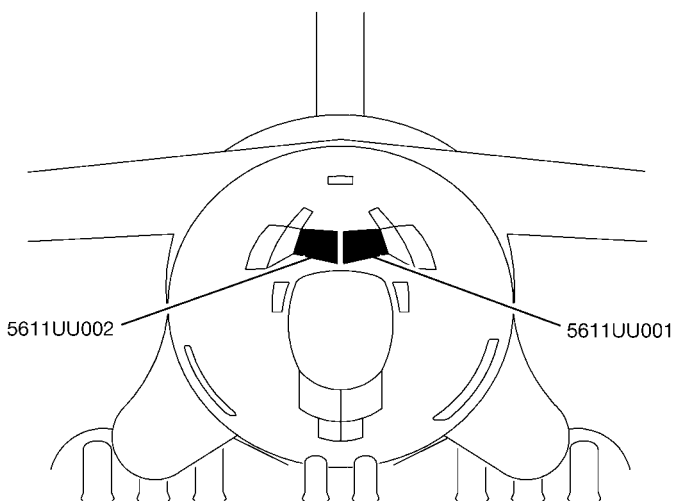
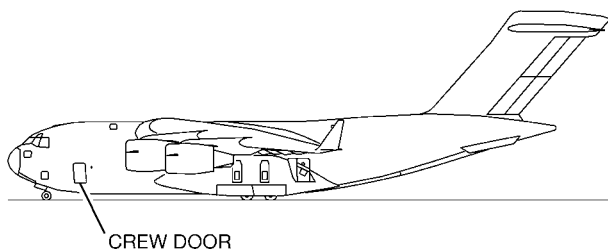
#### Reference designators:

5611UU001	Pilot Windshield Panel Assembly
5611UU002	Copilot Windshield Panel Assembly

#### Applicable functions:

- 2 Removal.
- 3 Installation.
- 4 Repair.

Access data:



ICN-88277-G5611001-002-01

WINDSHIELD PANEL ASSEMBLY REMOVAL  
(56-11-10-2)

FUNCTIONAL INPUT CONDITIONS:

Applicability:	Task
All	All

Additional information:

This procedure consists of the following tasks:

- 2-1. Preparation for 5611UU001.
- 2-2. Preparation for 5611UU002.
- 2-3. Removal.

NOTE	Task
------	------

This is a typical removal task for all windshield panel assemblies.	All
---	-----

Additional data:	Task
TO 1C-17A-2-30JG-40-1	2-3

Personnel recommended:	Task
One	2-1, 2-2
Two	2-3
Person (A) performs task.	
Person (B) assists person (A).	

Safety conditions:	Task
NA	--

Support equipment:

<u>Nomenclature</u>	<u>PN</u>	<u>Specification</u>	<u>Qty</u>	<u>Task</u>
Adapter Assembly, Hoist	17G110031-1	--	--	--
Adapter	17G111031-507	--	3	2-3
Adapter Set, Hoisting, Window	17G110665-1	--	--	--
Adapter	17G111031-507	--	3	2-3
Platform, Maintenance	22594	--	1	2-3
Sling, Multiple Leg	17G110012-1	--	1	2-3
Trailer, Platform	--	MIL-T-17479	1	2-3

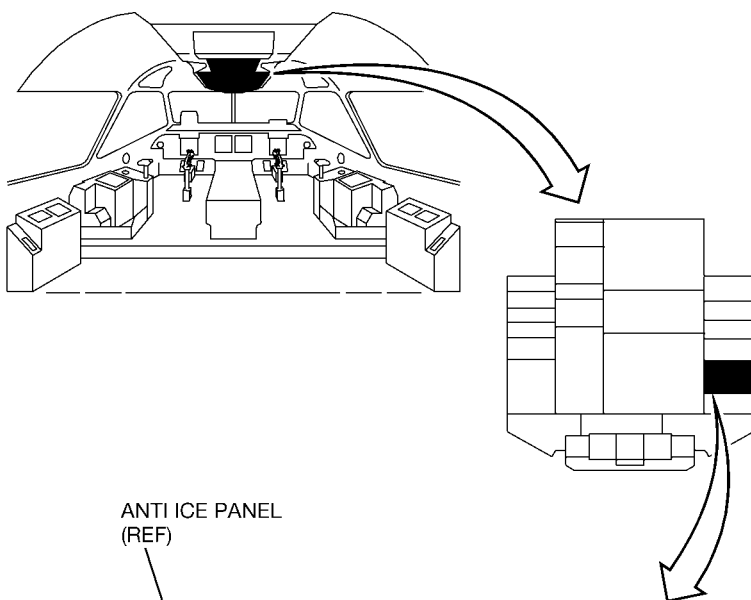


**Supplies:**

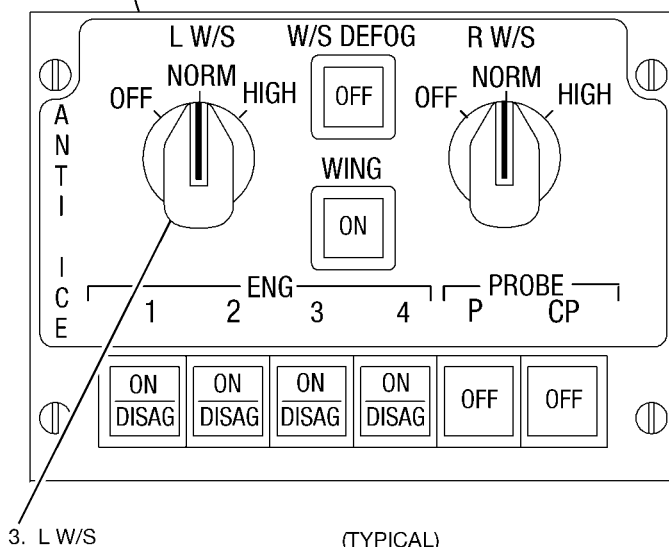
<u>Nomenclature</u>	<u>PN</u>	<u>Specification</u>	<u>Qty</u>	<u>Task</u>
Tag, Warning	--	--	7	2-1, 2-2

## **2-1. PREPARATION FOR 5611UU001.**

1. Review "Section 1 (General Information)" of this TO for system general warnings, cautions, and notes.
2. Review task "Functional Input Conditions" page for task specific safety conditions.
3. Ensure **L W/S** switch on **ANTI ICE** panel is **OFF** and attach warning tag.



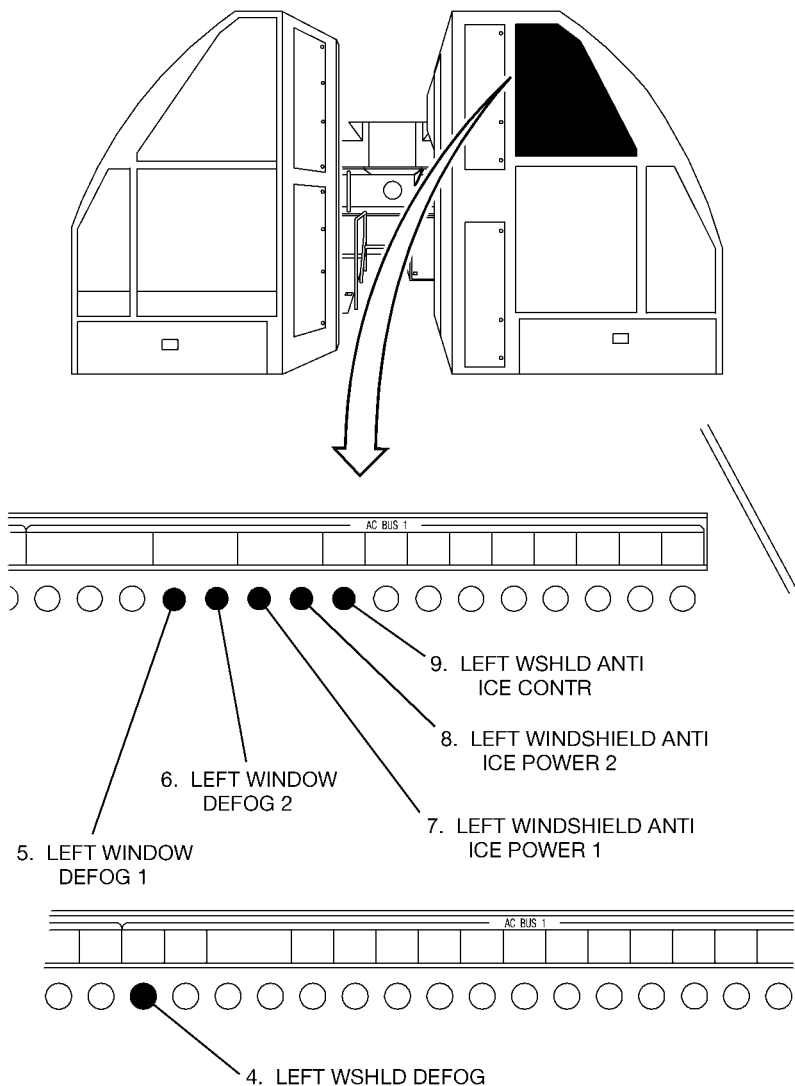
ANTI ICE PANEL  
(REF)



ICN-88277-G5611002-004-01

## TO 1C-17A-2-56JG-10-1

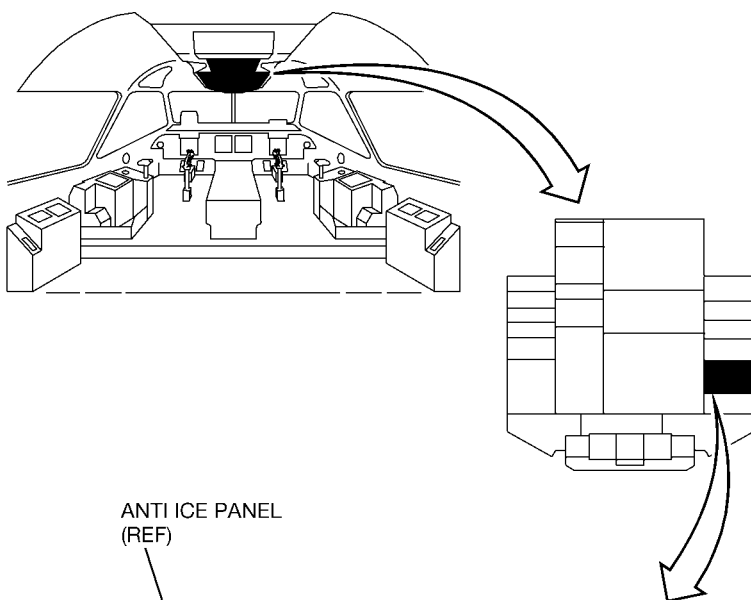
4. Open **LEFT WSHLD DEFOG** circuit breaker on Electrical Power Center (EPC), row **J**, column **48**, and attach warning tag.
5. Open **LEFT WINDOW DEFOG 1** circuit breaker on EPC, row **H**, column **51**, and attach warning tag.
6. Open **LEFT WINDOW DEFOG 2** circuit breaker on EPC, row **H**, column **52**, and attach warning tag.
7. Open **LEFT WINDSHIELD ANTI ICE POWER 1** circuit breaker on EPC, row **H**, column **53**, and attach warning tag.
8. Open **LEFT WINDSHIELD ANTI ICE POWER 2** circuit breaker on EPC, row **H**, column **54**, and attach warning tag.
9. Open **LEFT WSHLD ANTI ICE CONTR** circuit breaker on EPC, row **H**, column **55**, and attach warning tag.



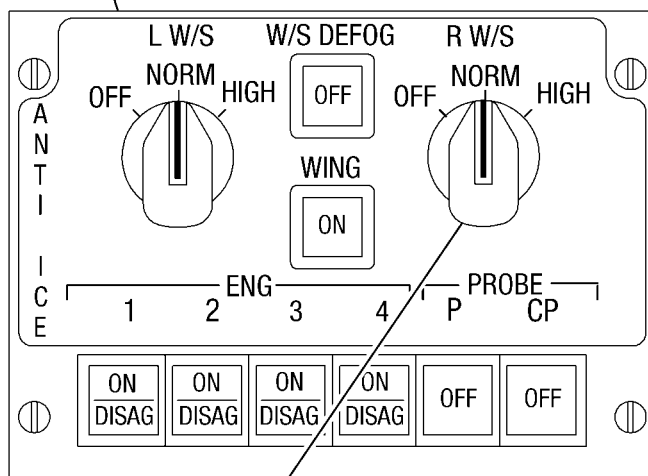
ICN-88277-G5611016-002-01

## **2-2. PREPARATION FOR 5611UU002.**

1. Review "Section 1 (General Information)" of this TO for system general warnings, cautions, and notes.
2. Review task "Functional Input Conditions" page for task specific safety conditions.
3. Ensure **R W/S** switch on **ANTI ICE** panel is **OFF** and attach warning tag.



ANTI ICE PANEL  
(REF)



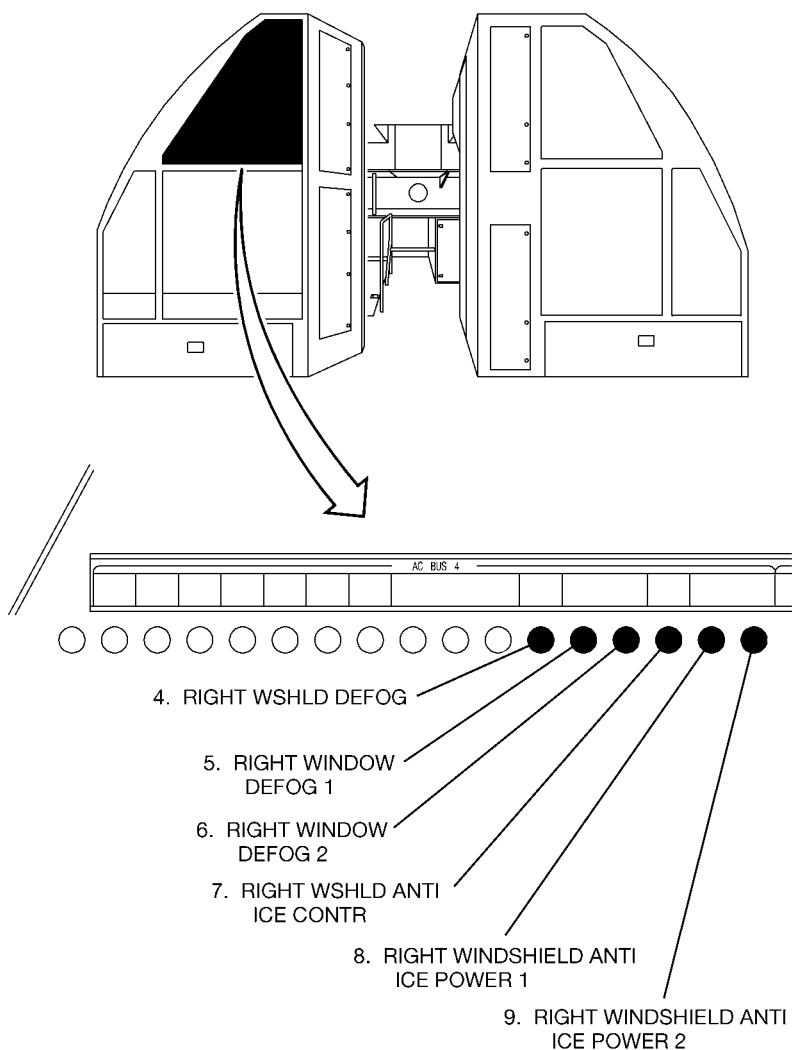
3. R W/S (TYPICAL)

ICN-88277-G5611003-004-01

## TO 1C-17A-2-56JG-10-1

4. Open **RIGHT WSHLD DEFOG** circuit breaker on Electrical Power Center (EPC), row **H**, column **26**, and attach warning tag.
5. Open **RIGHT WINDOW DEFOG 1** circuit breaker on EPC, row **H**, column **27**, and attach warning tag.
6. Open **RIGHT WINDOW DEFOG 2** circuit breaker on EPC, row **H**, column **28**, and attach warning tag.
7. Open **RIGHT WSHLD ANTI ICE CONTR** circuit breaker on EPC, row **H**, column **29**, and attach warning tag.
8. Open **RIGHT WINDSHIELD ANTI ICE POWER 1** circuit breaker on EPC, row **H**, column **30**, and attach warning tag.
9. Open **RIGHT WINDSHIELD ANTI ICE POWER 2** circuit breaker on EPC, row **H**, column **31**, and attach warning tag.

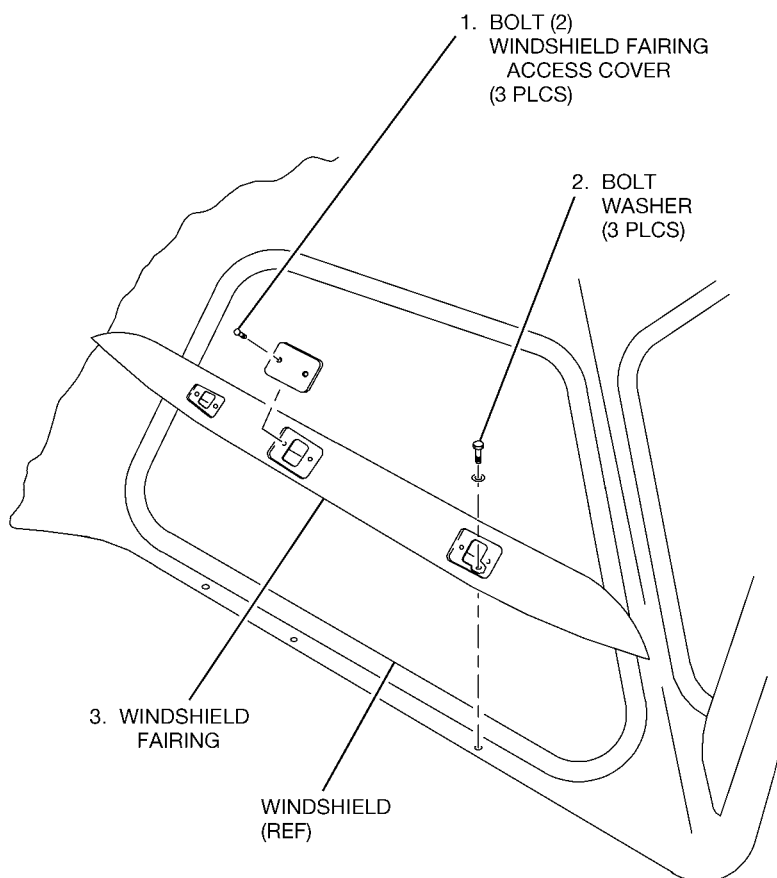




ICN-88277-G5611017-002-01

## **2-3. REMOVAL.**

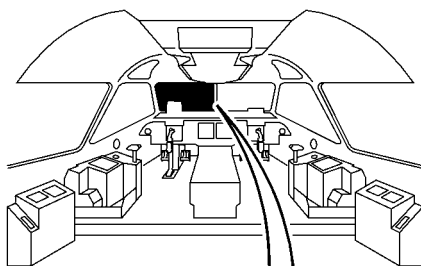
1. (A) Remove bolts and windshield fairing access covers.
2. (A) Remove bolts and washers.
3. (A) Remove windshield fairing.



(TYPICAL)

ICN-88277-G5613038-003-01

4. Deleted.
5. (A) Identify and remove caps, screws, lockwashers, washers, and terminal junction blocks.
6. (A) Identify and remove caps, screws, lockwashers, washers, surge arrester, and terminal junction block.
7. (A) Identify and remove caps, screws, lockwashers, washers, surge arrester, and terminal junction block.



WINDSHIELD  
PANEL  
ASSEMBLY  
(REF)

5. CAP (3)  
SCREW (3)  
LOCKWASHER (3)  
WASHER (3)  
TERMINAL  
JUNCTION BLOCK  
(2 PLCS)

6. CAP (3)  
SCREW (3)  
LOCKWASHER (3)  
SURGE ARRESTER  
WASHER (3)  
TERMINAL  
JUNCTION BLOCK

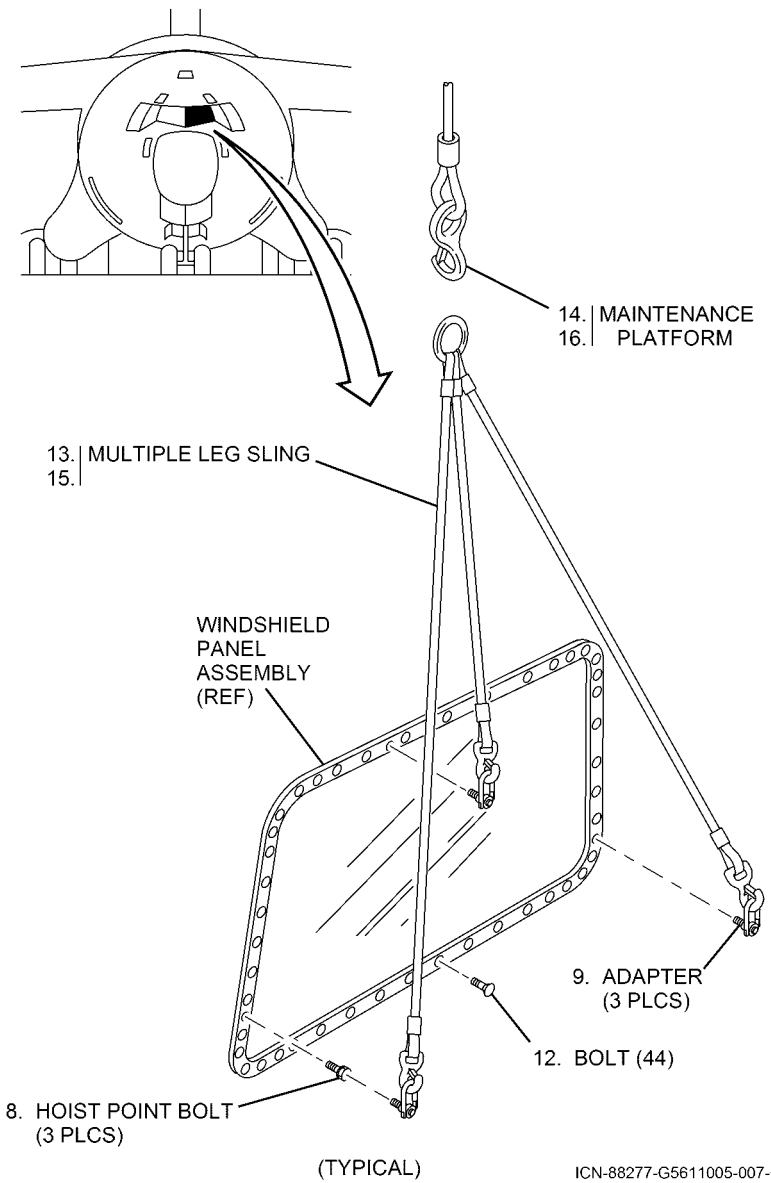
7. CAP (2)  
SCREW (2)  
LOCKWASHER (2)  
SURGE ARRESTER  
WASHER (2)  
TERMINAL  
JUNCTION BLOCK

(TYPICAL)

ICN-88277-G5611004-010-01

## **TO 1C-17A-2-56JG-10-1**

8. (A) Remove hoist point bolts.
9. (A) Attach adapters to windshield panel assembly hoist points.
10. Remove windshield wiper arm assembly (30-43-11).
11. Remove wiper lift block assembly (30-43-13).
12. (A,B) Remove bolts from windshield.
13. (A) Attach multiple leg sling to maintenance platform.
14. (A,B) Position maintenance platform.
15. (A,B) Attach sling to adapters.
16. (A,B) Operate maintenance platform and remove slack from sling.

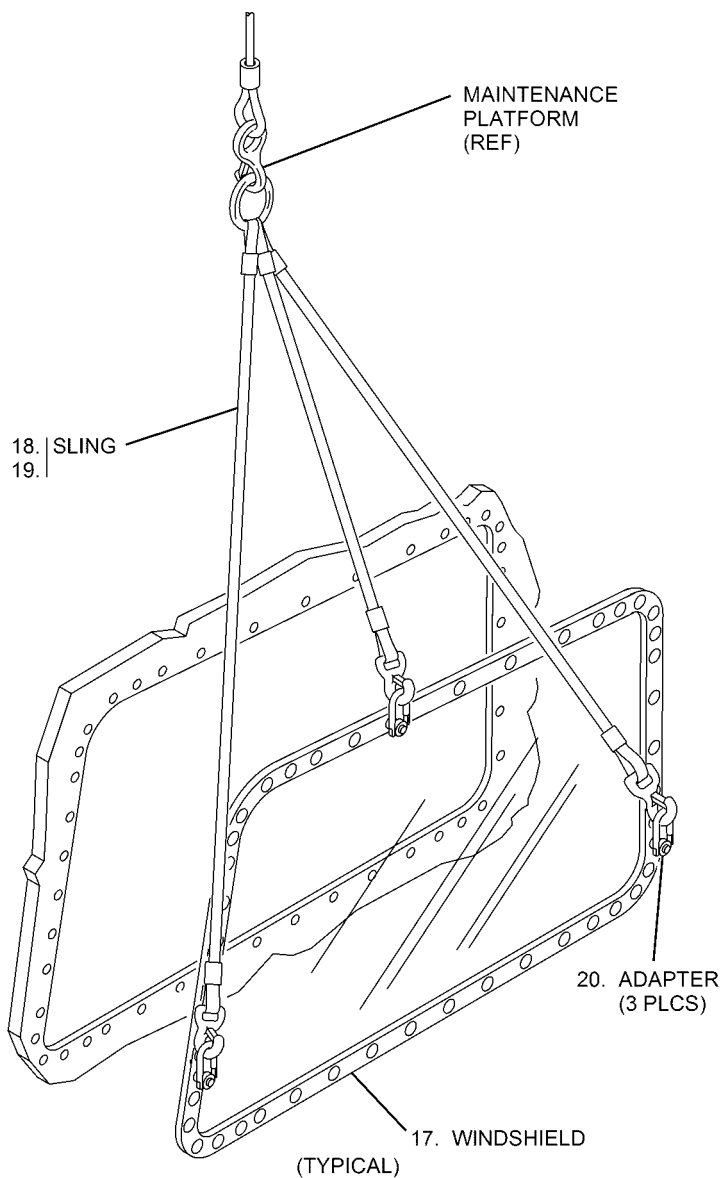


**NOTE**

Windshield panel assembly weighs approximately 135 pounds.

17. (A,B) Remove windshield and secure on platform trailer.
18. (A,B) Relieve tension and remove sling from adapters.
19. (A) Remove sling from maintenance platform.
20. (A) Remove adapters from windshield.





ICN-88277-G5611006-006-01



WINDSHIELD PANEL ASSEMBLY  
INSTALLATION  
(56-11-10-3)

FUNCTIONAL INPUT CONDITIONS:

Applicability:	Task
All	All

Additional information:

This procedure consists of the following tasks:

- 3-1. Preparation.
- 3-2. Installation.
- 3-3. Follow-on maintenance for 5611UU001.
- 3-4. Follow-on maintenance for 5611UU002.

NOTE

Task

This is a typical installation task for all windshield panel assemblies.

All

Additional data:

Task

TO 1C-17A-23	3-2, 3-3, 3-4
TO 1C-17A-2-30JG-00-1	3-3, 3-4
TO 1C-17A-2-30JG-40-1	3-3, 3-4

Personnel recommended:

Task

One	3-3, 3-4
-----	-------------

	Task
Two	3-1, 3-2
Person (A) performs task.	
Person (B) assists person (A).	

Safety conditions:

	Task
NA	--

## Support equipment:

<u>Nomenclature</u>	<u>PN</u>	<u>Specification</u>	<u>Qty</u>	<u>Task</u>
Adapter Assembly, Hoist	17G110031-1	--	--	--
Adapter	17G111031-507	--	3	3-1
Adapter Set, Hoisting, Window	17G110665-1	--	--	--
Adapter	17G111031-507	--	3	3-1
Platform, Maintenance	22594	--	1	3-1, 3-2
Sling, Multiple Leg	17G110012-1	--	1	3-1, 3-2
Wrench, Torque	--	(0-10 in-lb)	1	3-2
Wrench, Torque	--	(0-120 in-lb)	1	3-2

**Supplies:**

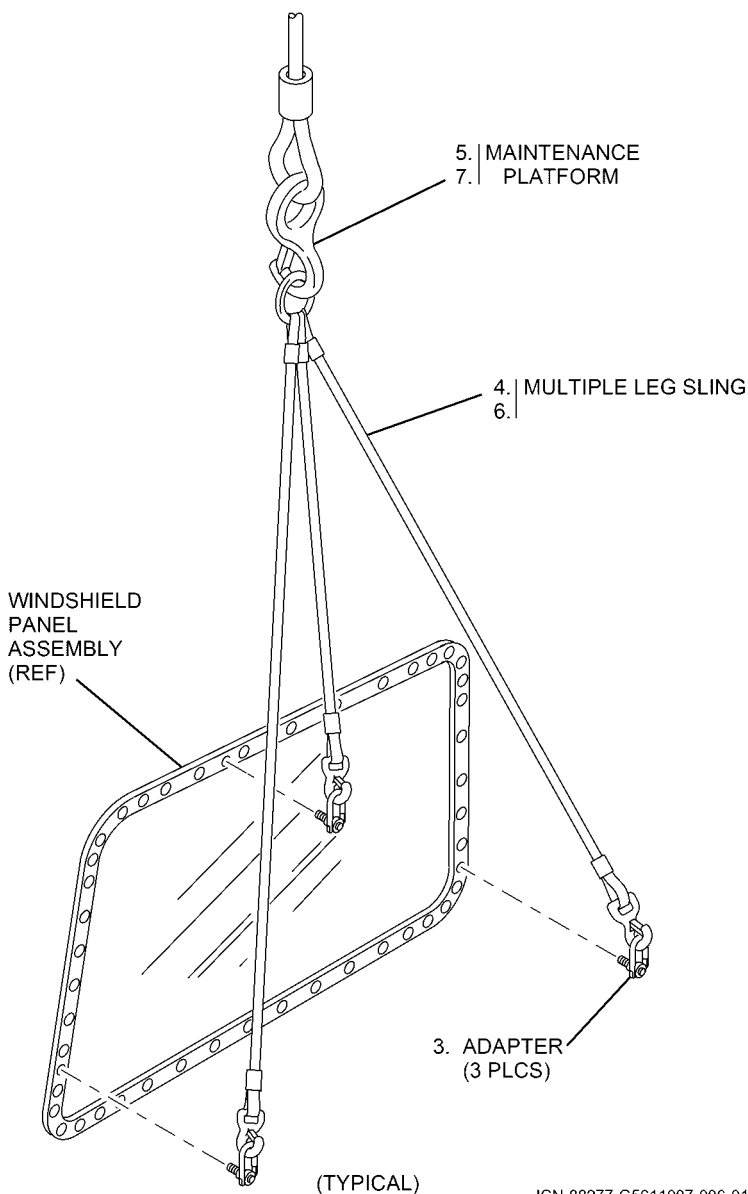
<b><u>Nomenclature</u></b>	<b><u>PN</u></b>	<b><u>Specification</u></b>	<b><u>Qty</u></b>	<b><u>Task</u></b>
Bolt	NAS1580V4T42	--	2	3-2
Compound, Jointing, Corrosion Inhibitive, Fuel Resistant, One-Part Non-Curing (Primary)	CA-1000	Commercial	AR	3-2
Compound, Corrosion Preventive Cor-Ban 27L (Alternate)	Cor-Ban 27L	--	AR	3-2
Sealant	--	AMS 3265	AR	3-2
Sealant	--	AMS-S-8802	AR	3-3, 3-4



### **3-1. PREPARATION.**

1. Review "Section 1 (General Information)" of this TO for system general warnings, cautions, and notes.
2. Review task "Functional Input Conditions" page for task specific safety conditions.
3. (A) Attach adapters to windshield panel assembly.
4. (A) Attach multiple leg sling to maintenance platform.
5. (A,B) Position maintenance platform over windshield.
6. (A,B) Attach sling to adapters.
7. (A) Operate maintenance platform and remove slack from sling.





## 3-2. INSTALLATION.

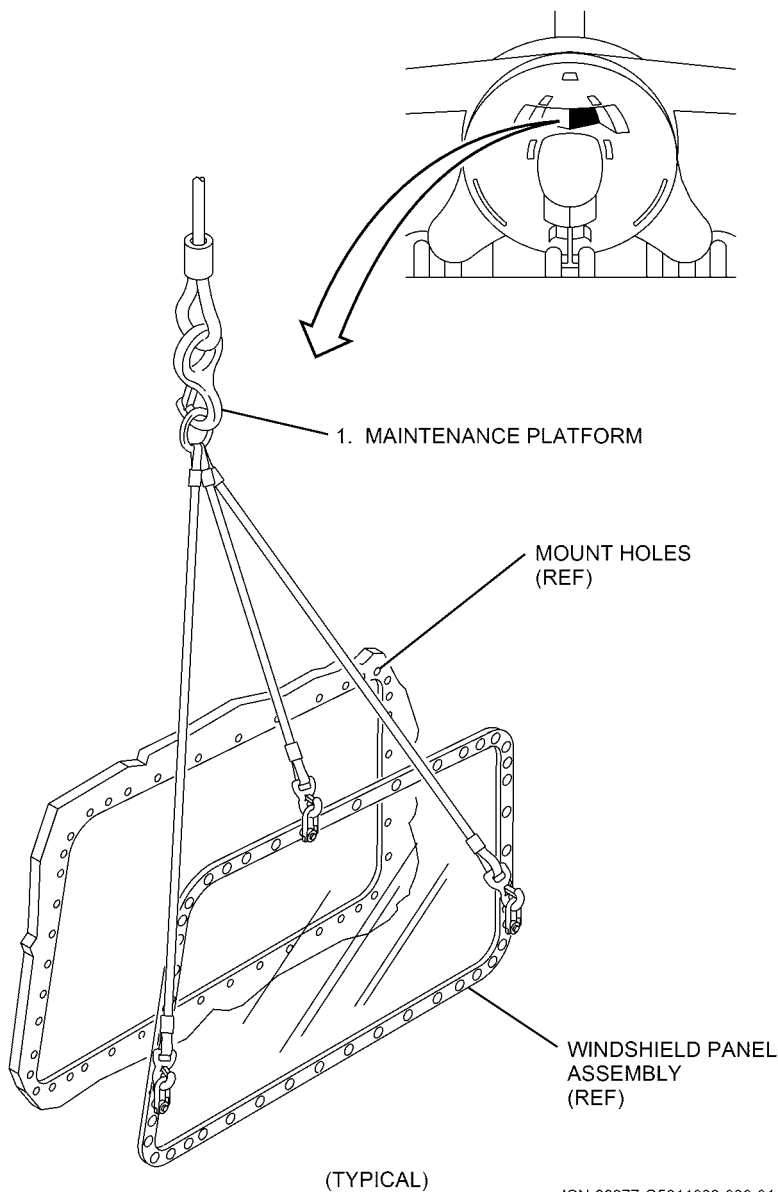
### **WARNING**

Ensure all personnel are clear of the windshield panel assembly and aircraft during installation. Failure to comply may cause injury to personnel and damage to aircraft.

### **NOTE**

Windshield panel assembly weighs approximately 135 pounds.

1. (A,B) Operate maintenance platform and align windshield panel assembly with mount holes.



ICN-88277-G5611008-006-01

2. Perform wet fastener installation using jointing compound (TO 1C-17A-23, Chapter 1, Section III).

**NOTE**

Bolts (PN NAS1580V4T42) shall be used as temporary attachments for index numbers 5 and 17. Bolts will be removed in follow on maintenance during windshield wiper lift block assembly installation.

3. (A,B) Install bolts by position index number; torque to **25 in-lb.**

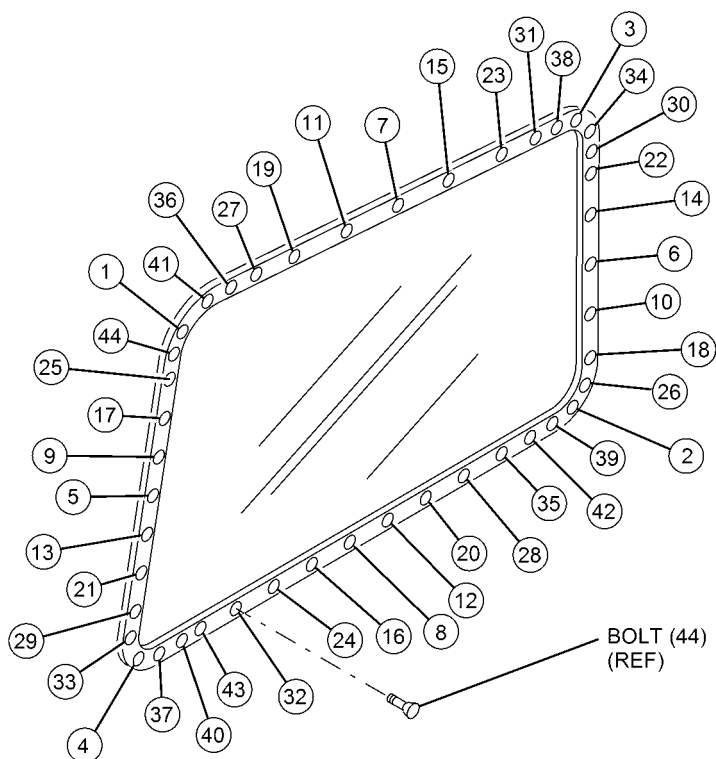


Re-torquing of bolts is prohibited once final torque has been applied and sealant has cured. Failure to comply may cause crazing or crack transparencies.

**NOTE**

Final torquing of bolts must be complete prior to completion of sealant cure time (TO 1C-17A-23, Chapter 1, Section III).

4. (A) Torque bolts by position index number; torque **35 in-lb.**
5. (A) Torque bolts by position index number; torque **45-50 in-lb.**
6. (A) Torque bolts by position index number to final torque; torque **45-50 in-lb.**



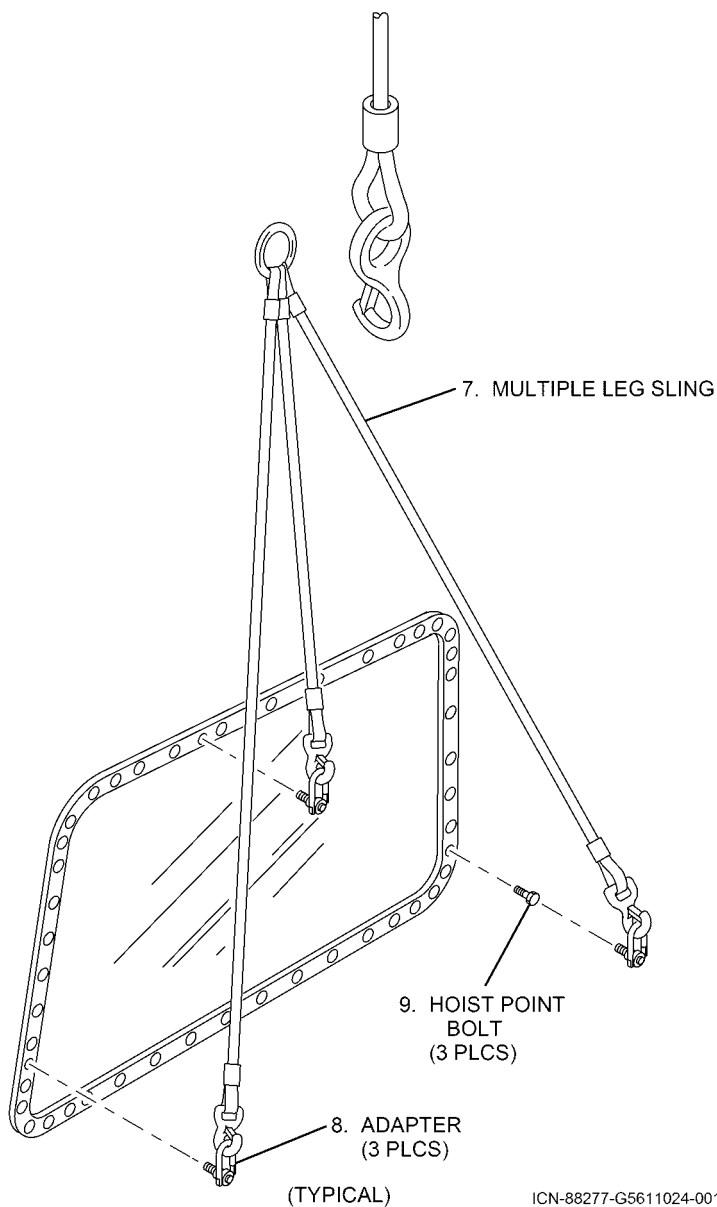
3. 4. 5. 6.	POSITION INDEX NO.	POSITION INDEX NO.	POSITION INDEX NO.	POSITION INDEX NO.
	1	12	23	34
	2	13	24	35
	3	14	25	36
	4	15	26	37
	5	16	27	38
	6	17	28	39
	7	18	29	40
	8	19	30	41
	9	20	31	42
	10	21	32	43
	11	22	33	44

(TYPICAL)

ICN-88277-G5611023-001-01

## TO 1C-17A-2-56JG-10-1

7. (A,B) Relieve tension and remove multiple leg sling.
8. (A) Remove adapters.
9. (A) Install hoist point bolts and torque **30-40 in-lb.**



ICN-88277-G5611024-001-01

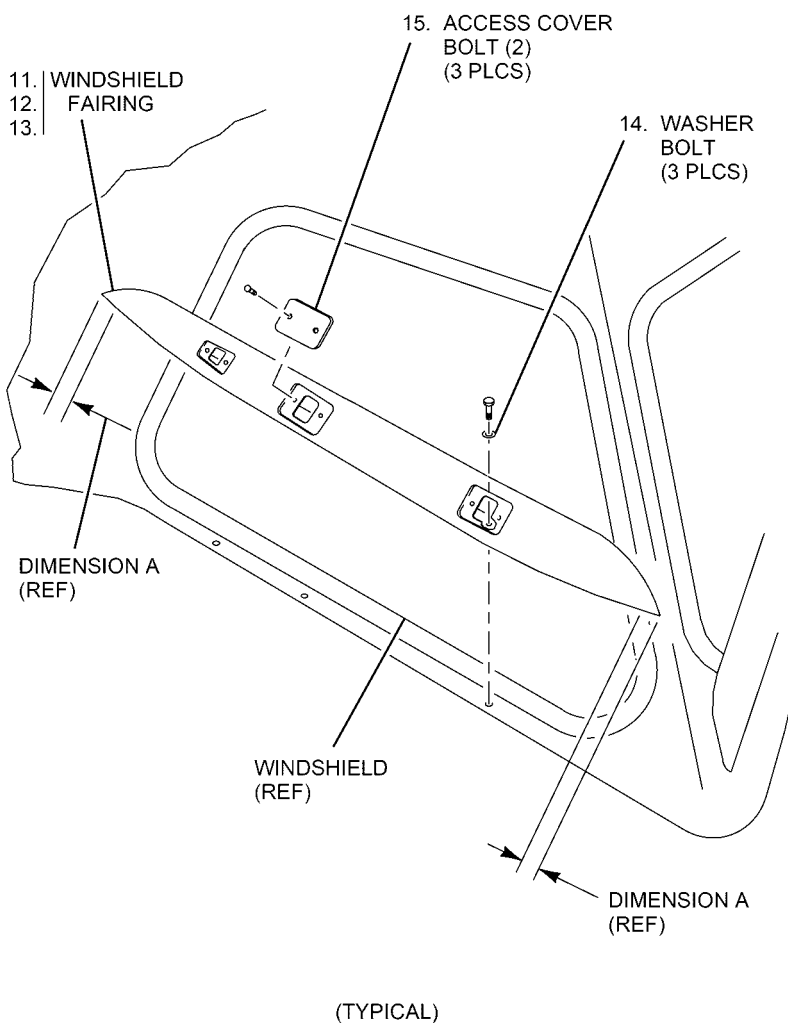
10. Perform butt gap sealing (TO 1C-17A-23, Chapter 1, Section III).
11. Perform form in place sealing between upper portion of windshield fairing and windshield (TO 1C-17A-23, Chapter 1, Section III).
12. Perform separable faying surface sealing on lower portion of fairing (TO 1C-17A-23, Chapter 1, Section III).
  - No sealant shall be applied to dimension A; dimension A shall be 0.250 inches.
13. (A) Position fairing.

**NOTE**

**FOR ENROUTE STATIONS ONLY**, it is permissible to cover area with one layer of adhesive backed aluminum tape (speed tape) centered over the seam prior to flight when aircraft ground time does not allow adequate sealant cure.

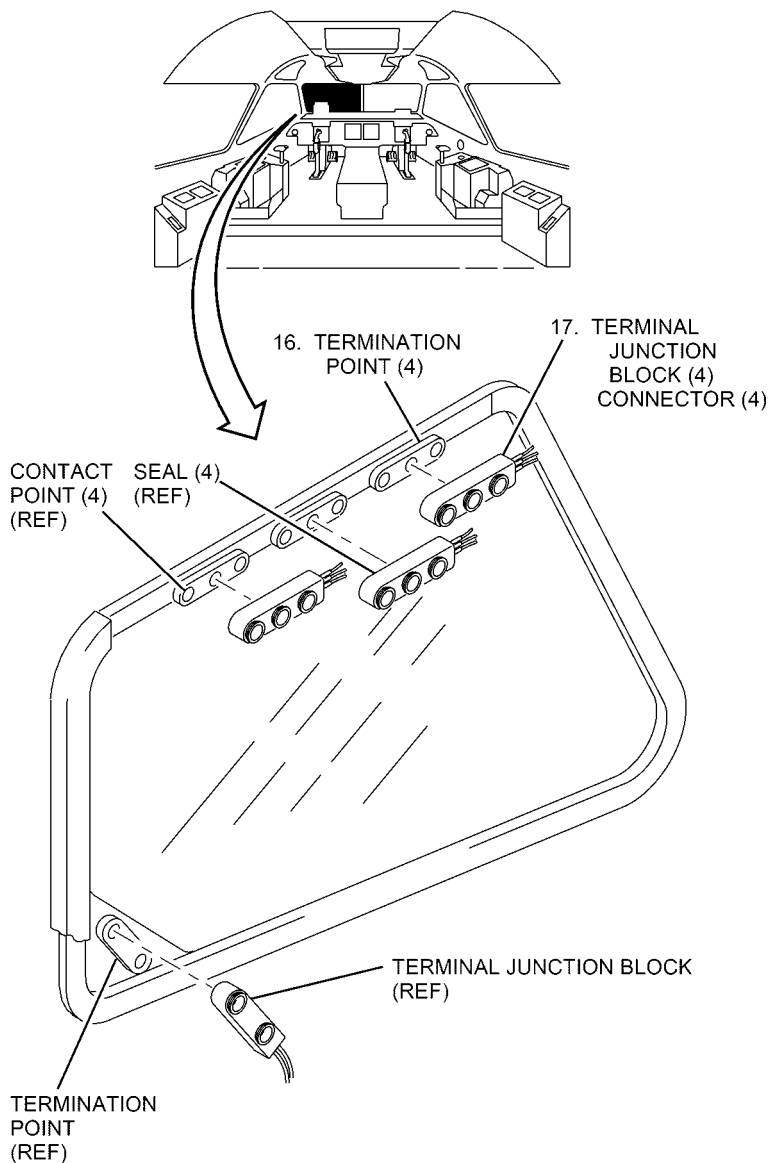
14. (A) Install washers and bolts.
15. (A) Position access covers; install bolts.





ICN-88277-G5611025-002-01

16. (A) Lightly abrade window termination points (brass inserts) with 180-320 grit fine/medium grade abrasive paper.
17. (A) Inspect terminal junction block connectors, ensure seals and contact points are free of defects.



ICN-88277-G5611026-002-01

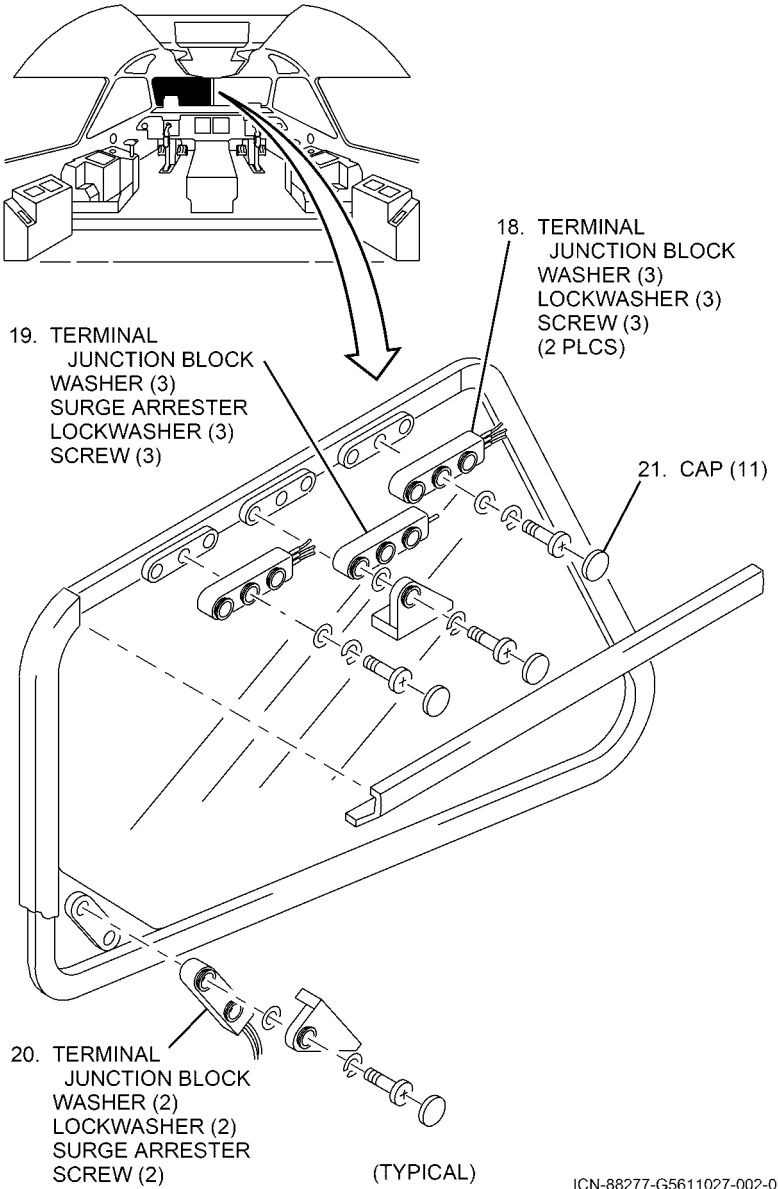
## TO 1C-17A-2-56JG-10-1

18. (A) Install terminal junction blocks, washers, lockwashers, screws, as identified; torque **8-10 in-lb**.
19. (A) Install terminal junction block, washers, lockwashers, surge arrester, and screws, as identified; torque **8-10 in-lb**.
20. (A) Install terminal junction block, washers, surge arrester, lockwashers, and screws as identified; torque **8-10 in-lb**.

### NOTE

- Caps that are installed on terminal junction block shall be seated into second groove and edge of cap is flush with terminal junction block.
- Caps that are installed on surge arrester shall be seated into first groove.
- When a high voltage cap is missing, damaged, or cannot be secured, due to mating lip damage on the terminal block, repair per TO 1C-17A-3-6, 56-10-00.

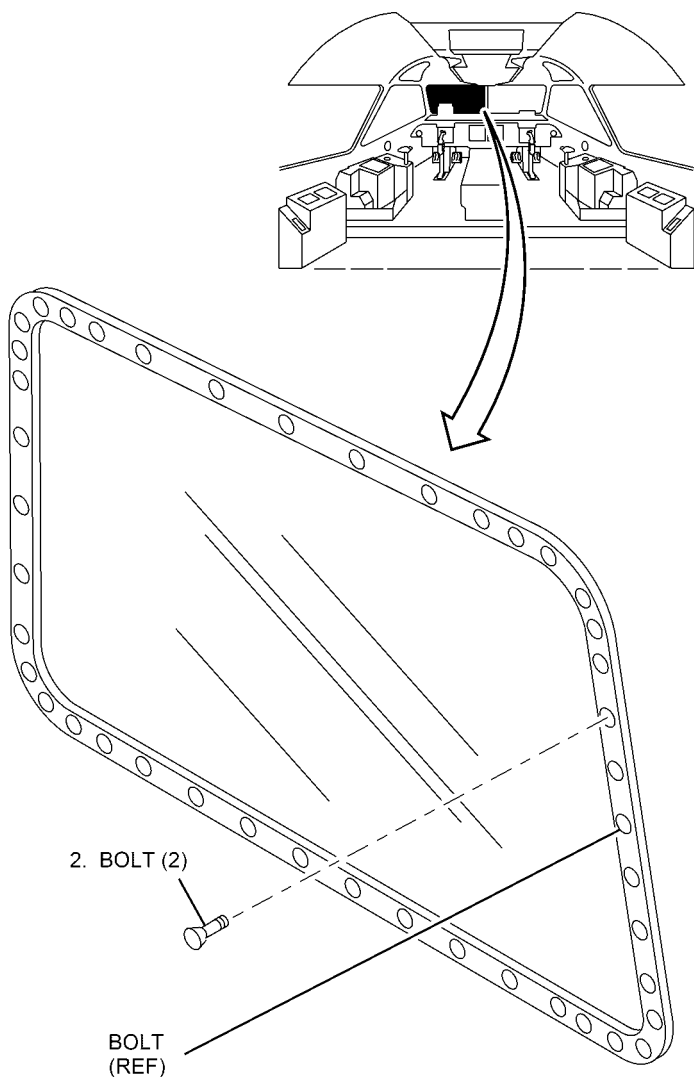
21. (A) Install caps.



ICN-88277-G5611027-002-01

### **3-3. FOLLOW-ON MAINTENANCE FOR 5611UU001.**

- 1. Deleted.
2. Remove bolts.
3. Install windshield wiper lift block assembly (30-43-13).
4. Install windshield wiper arm assembly (30-43-11).

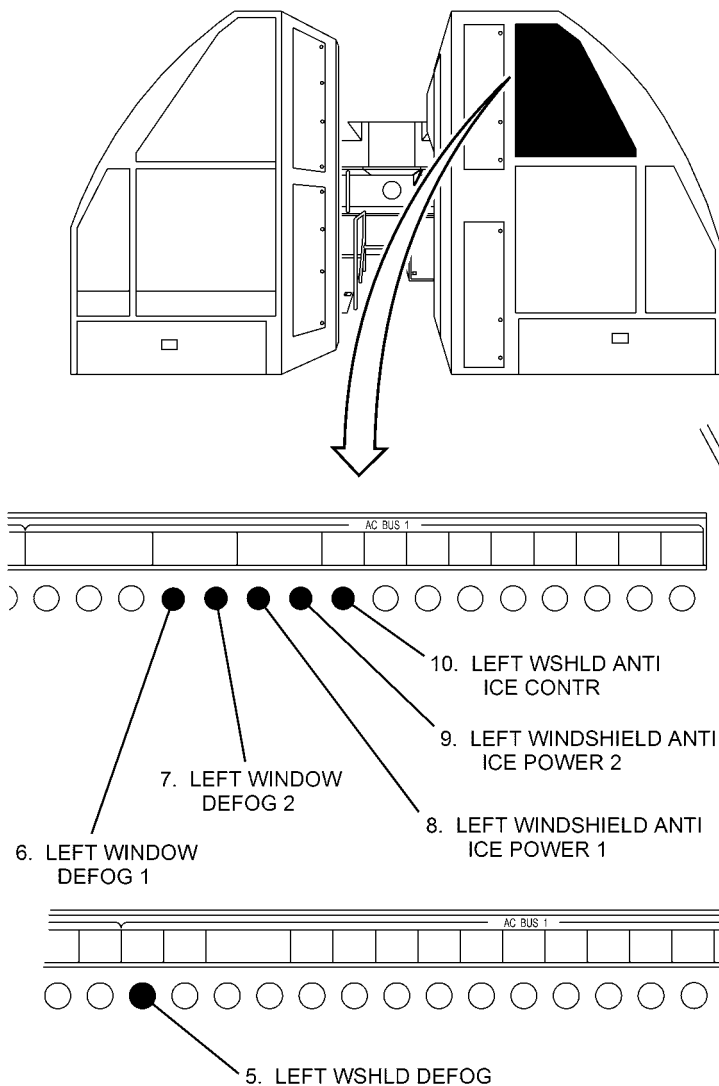


ICN-88277-G5611021-003-01

## TO 1C-17A-2-56JG-10-1

5. Remove warning tag and close **LEFT WSHLD DEFOG** circuit breaker on Electrical Power Center (EPC), row **J**, column **48**.
6. Remove warning tag and close **LEFT WINDOW DEFOG 1** circuit breaker on EPC, row **H**, column **51**.
7. Remove warning tag and close **LEFT WINDOW DEFOG 2** circuit breaker on EPC, row **H**, column **52**.
8. Remove warning tag and close **LEFT WINDSHIELD ANTI ICE POWER 1** circuit breaker on EPC, row **H**, column **53**.
9. Remove warning tag and close **LEFT WINDSHIELD ANTI ICE POWER 2** circuit breaker on EPC, row **H**, column **54**.
10. Remove warning tag and close **LEFT WSHLD ANTI ICE CONTR** circuit breaker on EPC, row **H**, column **55**.

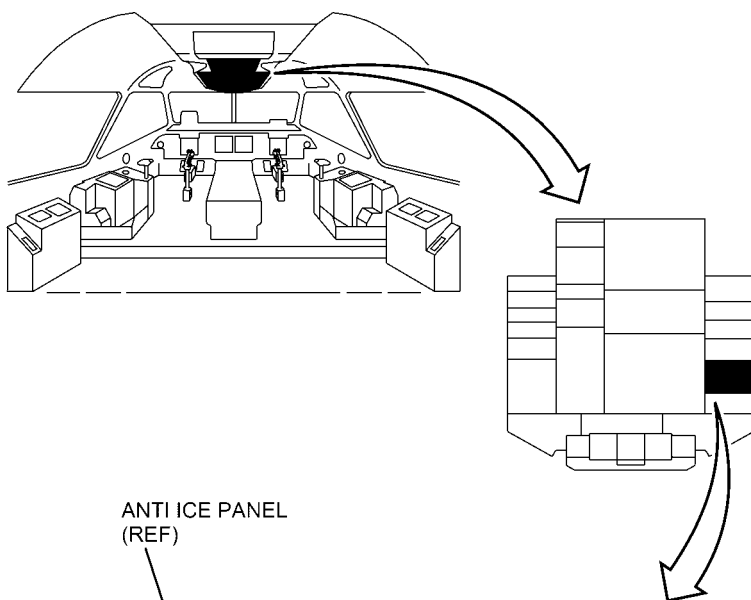




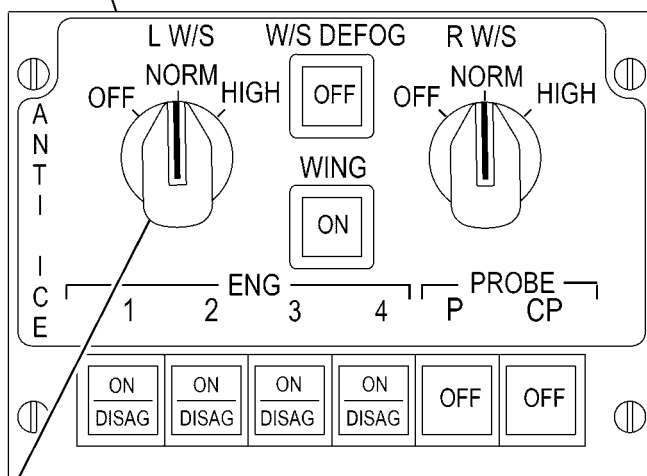
ICN-88277-G5611018-003-01

## **TO 1C-17A-2-56JG-10-1**

11. Remove warning tag from **L W/S** switch on **ANTI ICE** panel.
12. Perform ice and rain protection system operational checkout (30-00-01, task 01-2).



ANTI ICE PANEL  
(REF)



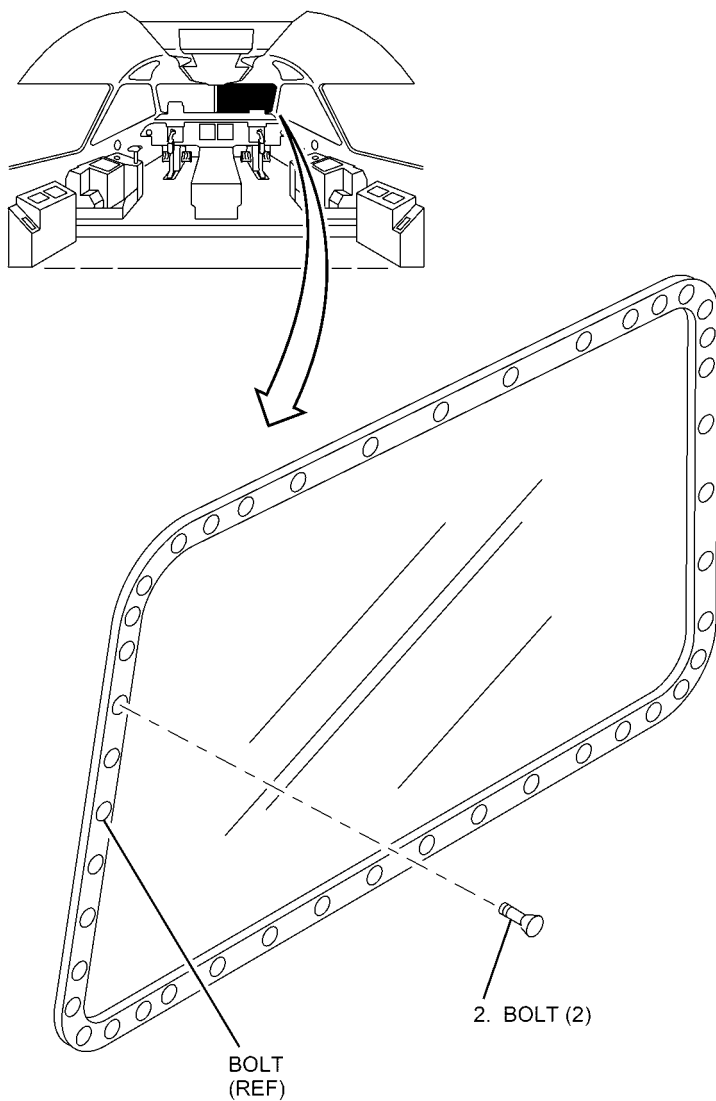
11. L W/S

(TYPICAL)

ICN-88277-G5611012-007-01

### **3-4. FOLLOW-ON MAINTENANCE FOR 5611UU002.**

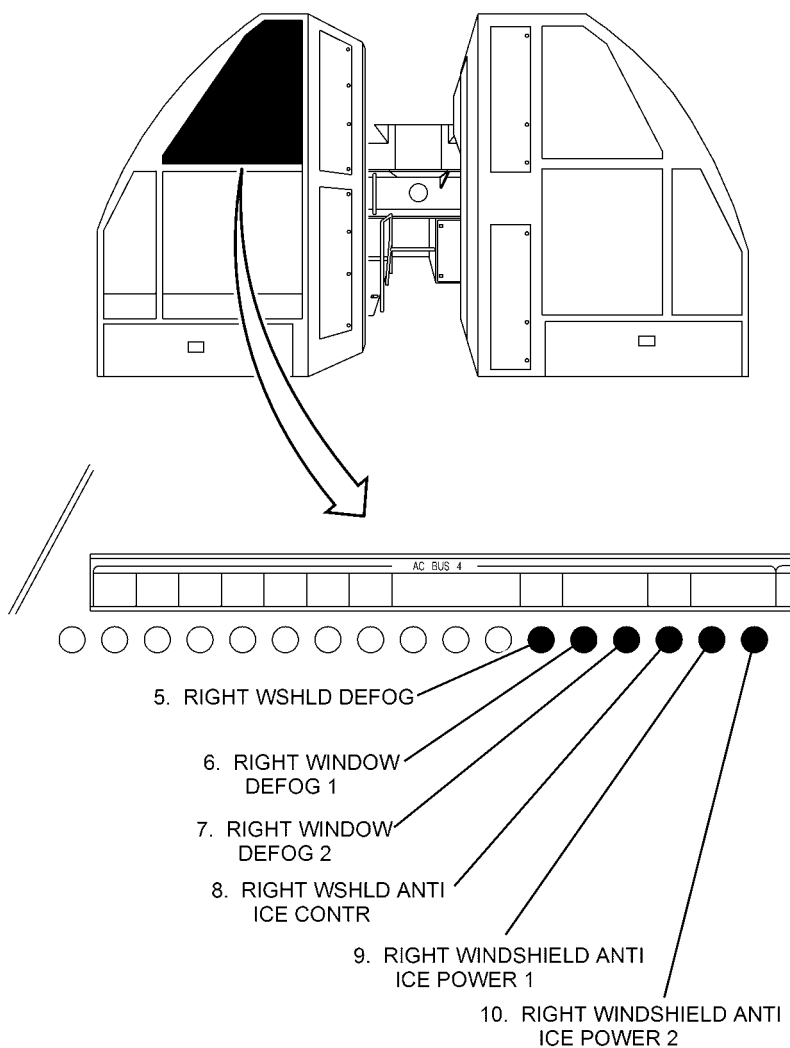
- 1. Deleted.
2. Remove bolts.
3. Install windshield wiper lift block assembly (30-43-13).
4. Install windshield wiper arm assembly (30-43-11).



ICN-88277-G5611022-003-01

## TO 1C-17A-2-56JG-10-1

5. Remove warning tag and close **RIGHT WSHLD DEFOG** circuit breaker on Electrical Power Center (EPC), row **H**, column **26**.
6. Remove warning tag and close **RIGHT WINDOW DEFOG 1** circuit breaker on EPC, row **H**, column **27**.
7. Remove warning tag and close **RIGHT WINDOW DEFOG 2** circuit breaker on EPC, row **H**, column **28**.
8. Remove warning tag and close **RIGHT WSHLD ANTI ICE CONTR** circuit breaker on EPC, row **H**, column **29**.
9. Remove warning tag and close **RIGHT WINDSHIELD ANTI ICE POWER 1** circuit breaker on EPC, row **H**, column **30**.
10. Remove warning tag and close **RIGHT WINDSHIELD ANTI ICE POWER 2** circuit breaker on EPC, row **H**, column **31**.

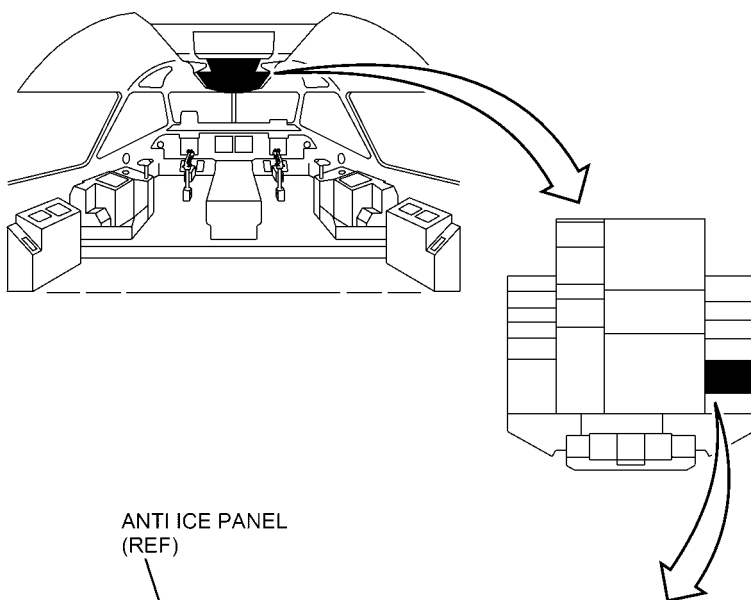


ICN-88277-G5611019-003-01

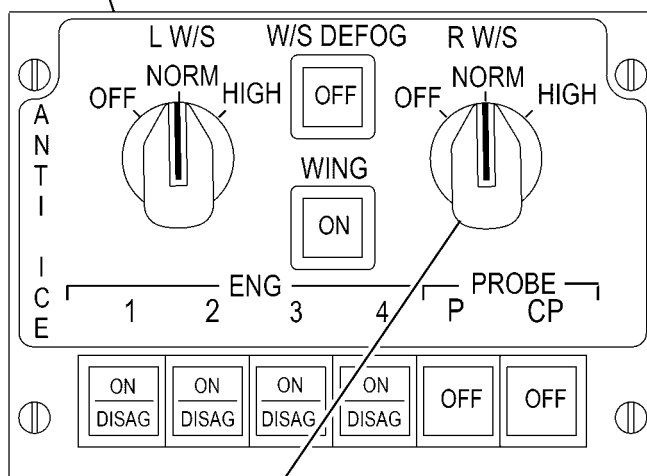
## **TO 1C-17A-2-56JG-10-1**

11. Remove warning tag from **R W/S** switch on **ANTI ICE** panel.
12. Perform ice and rain protection system operational checkout (30-00-01, task 01-2).





ANTI ICE PANEL  
(REF)



11. R W/S (TYPICAL)

ICN-88277-G5611013-007-01



# WINDSHIELD PANEL ASSEMBLY REPAIR (56-11-10-4)

## FUNCTIONAL INPUT CONDITIONS:

Applicability:	Task
All	All

## Additional information:

This procedure consists of the following tasks:

- 4-1. Repair windshield panel assembly 5611UU001 by replacing seals.
- 4-2. Repair windshield panel assembly 5611UU002 by replacing seals.

Additional data:	Task
TO 1C-17A-23	All

Personnel recommended:	Task
One	All

Safety conditions:	Task
NA	--

Support equipment:

<u>Nomenclature</u>	<u>PN</u>	<u>Specification</u>	<u>Qty</u>	<u>Task</u>
NA	--	--	--	--

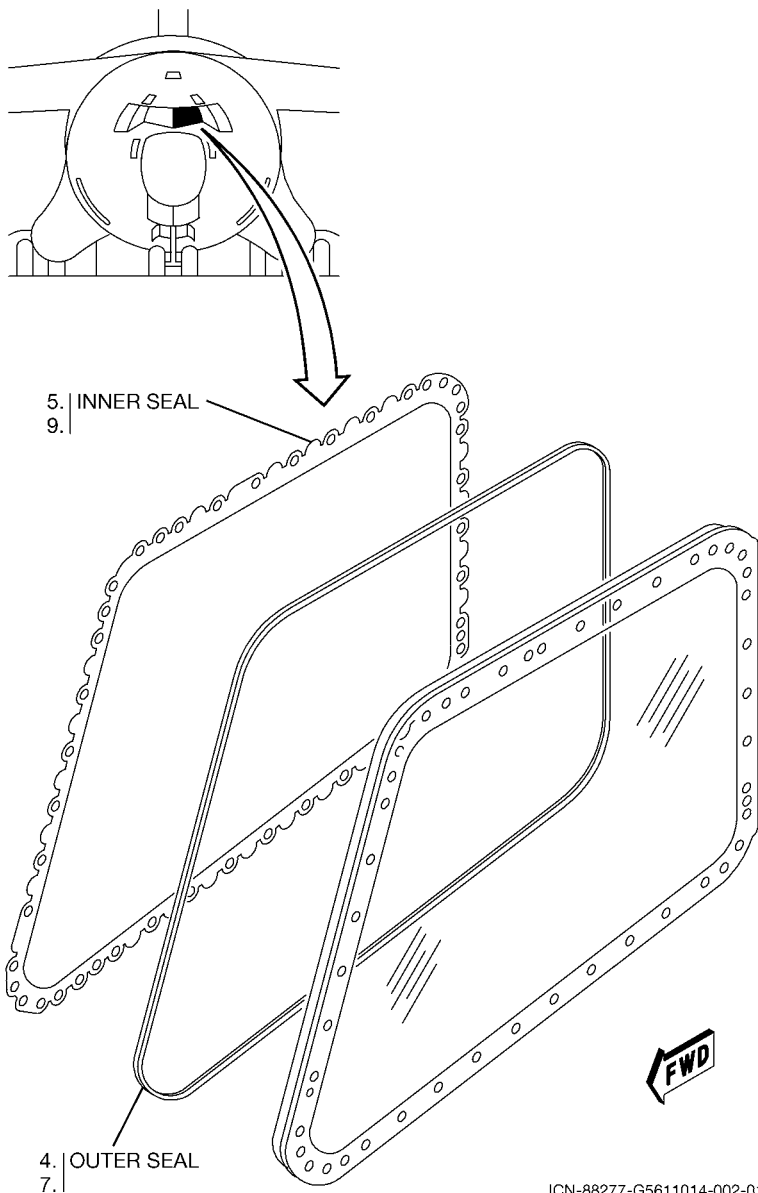
Supplies:

<u>Nomenclature</u>	<u>PN</u>	<u>Specification</u>	<u>Qty</u>	<u>Task</u>
Sealant	--	AMS 3265	AR	All
Seal, Outer	ABA7165-1	--	1	All
Seal, Inner	ABA7166-501	--	1	4-1
Seal, Inner	ABA7166-502	--	1	4-2



## **4-1. REPAIR WINDSHIELD PANEL ASSEMBLY 5611UU001 BY REPLACING SEALS.**

1. Review "Section 1 (General Information)" of this TO for system general warnings, cautions, and notes.
2. Review task "Functional Input Conditions" page for task specific safety conditions.
3. Remove windshield panel assembly (tasks 2-1 and 2-3).
4. Remove outer seal.
5. Remove inner seal.
6. Perform faying surface sealing (TO 1C-17A-23, Chapter 1, Section III).
7. Position outer seal (PN ABA7165-1).
8. Perform faying surface sealing (TO 1C-17A-23, Chapter 1, Section III).
9. Position inner seal (PN ABA7166-501).
10. Install windshield panel assembly (tasks 3-1, 3-2, and 3-3).

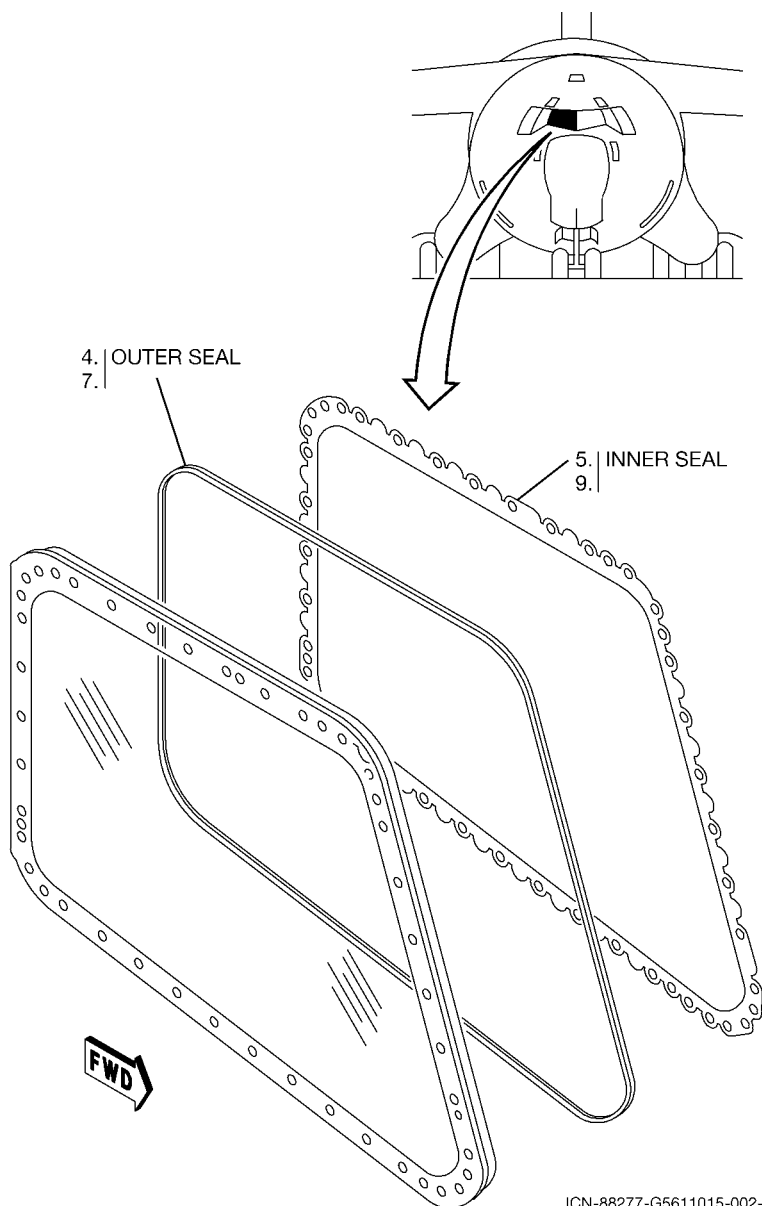


ICN-88277-G5611014-002-01

## **4-2. REPAIR WINDSHIELD PANEL ASSEMBLY 5611UU002 BY REPLACING SEALS.**

1. Review "Section 1 (General Information)" of this TO for system general warnings, cautions, and notes.
2. Review task "Functional Input Conditions" page for task specific safety conditions.
3. Remove windshield panel assembly (tasks 2-2 and 2-3).
4. Remove outer seal.
5. Remove inner seal.
6. Perform faying surface sealing (TO 1C-17A-23, Chapter 1, Section III).
7. Position outer seal (PN ABA7165-1).
8. Perform faying surface sealing (TO 1C-17A-23, Chapter 1, Section III).
9. Position inner seal (PN ABA7166-502).
10. Install windshield panel assembly (tasks 3-1, 3-2, and 3-4).





ICN-88277-G5611015-002-01



# **SLIDING CLEARVIEW WINDOW PANEL ASSEMBLY (56-12-10)**

## **MASTER INPUT CONDITIONS:**

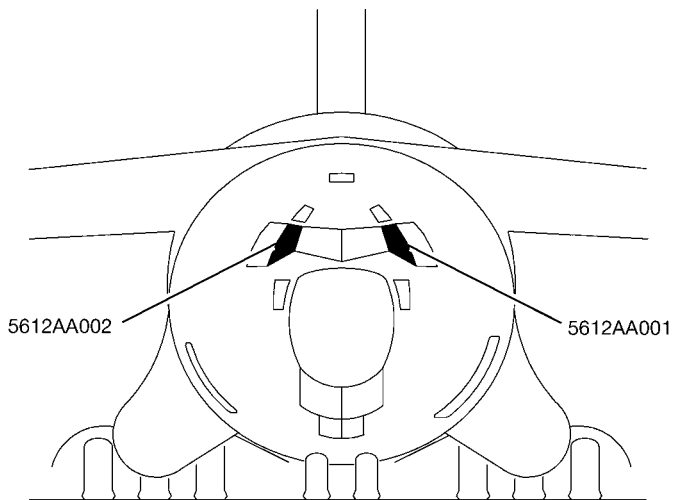
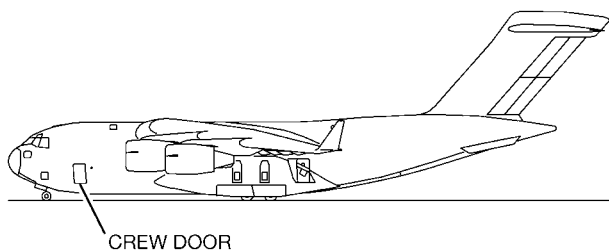
### **Reference designators:**

5612AA001	Pilot Sliding Clearview Window Panel Assembly
5612AA002	Copilot Sliding Clearview Window Panel Assembly

### **Applicable functions:**

- 2 Removal.
- 3 Installation.
- 4 Repair.
- 5 Adjustment.

Access data:



ICN-88277-G5612001-003-01

**SLIDING CLEARVIEW WINDOW PANEL  
ASSEMBLY REMOVAL  
(56-12-10-2)**

**FUNCTIONAL INPUT CONDITIONS:**

<b>Applicability:</b>	<b>Task</b>
All	All

**Additional information:**

This procedure consists of the following tasks:

- 2-1. Preparation.
- 2-2. Removal.

**NOTE**

<b>Task</b>
All
This is a typical removal task for all sliding clearview window panel assemblies.

<b>Additional data:</b>	<b>Task</b>
TO 1C-17A-2-25JG-10-3	2-2

<b>Personnel recommended:</b>	<b>Task</b>
One	2-1
Two	2-2
Person (A) performs task.	
Person (B) assists person (A).	

<b>Safety conditions:</b>	<b>Task</b>
NA	--

Support equipment:

<u>Nomenclature</u>	<u>PN</u>	<u>Specification</u>	<u>Qty</u>	<u>Task</u>
Installing/Removal Tool I09M	M81969/14-03	--	1	2-2
Installing/Removal Tool I58M	M81969/14-10	--	1	2-2

Supplies:

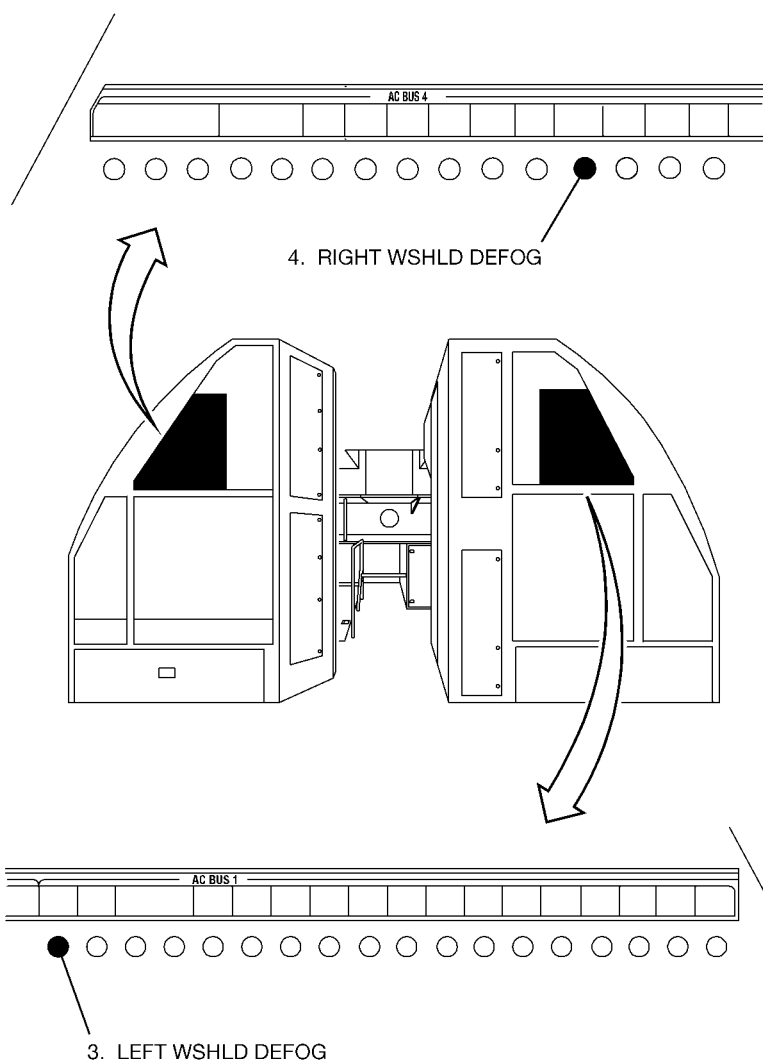
<u>Nomenclature</u>	<u>PN</u>	<u>Specification</u>	<u>Qty</u>	<u>Task</u>
Tag, Warning	--	--	2	2-1



## **2-1. PREPARATION.**

1. Review "Section 1 (General Information)" of this TO for system general warnings, cautions, and notes.
2. Review task "Functional Input Conditions" page for task specific safety conditions.
3. Open **LEFT WSHLD DEFOG** circuit breaker on Electrical Power Center (EPC), row **J**, column **48**, and attach warning tag.
4. Open **RIGHT WSHLD DEFOG** circuit breaker on EPC, row **H**, column **26**, and attach warning tag.





2-2. REMOVAL.

- 1. Remove cockpit liner (25-15-10).

WINDOW REF DES	LINER REF DES
5612AA001	2515UU035
5612AA002	2515UU036



TO 1C-17A-2-56JG-10-1

2. **AA** → **CJ** (A) Remove fasteners and terminal cover from terminal board.

WINDOW REF DES	TERMINAL BOARD REF DES
5612AA001	3932TB368
5612AA002	3932TB357

2. **CK** → (A) Disconnect electrical connectors as follows:

WINDOW REF DES	CONNECTOR REF DES	RECEPTACLE REF DES
5612AA001	3912PP286	3912JE286
5612AA001	3912PP343	3912JE343
5612AA002	3912PP269	3912JE269
5612AA002	3912PP282	3912JE282

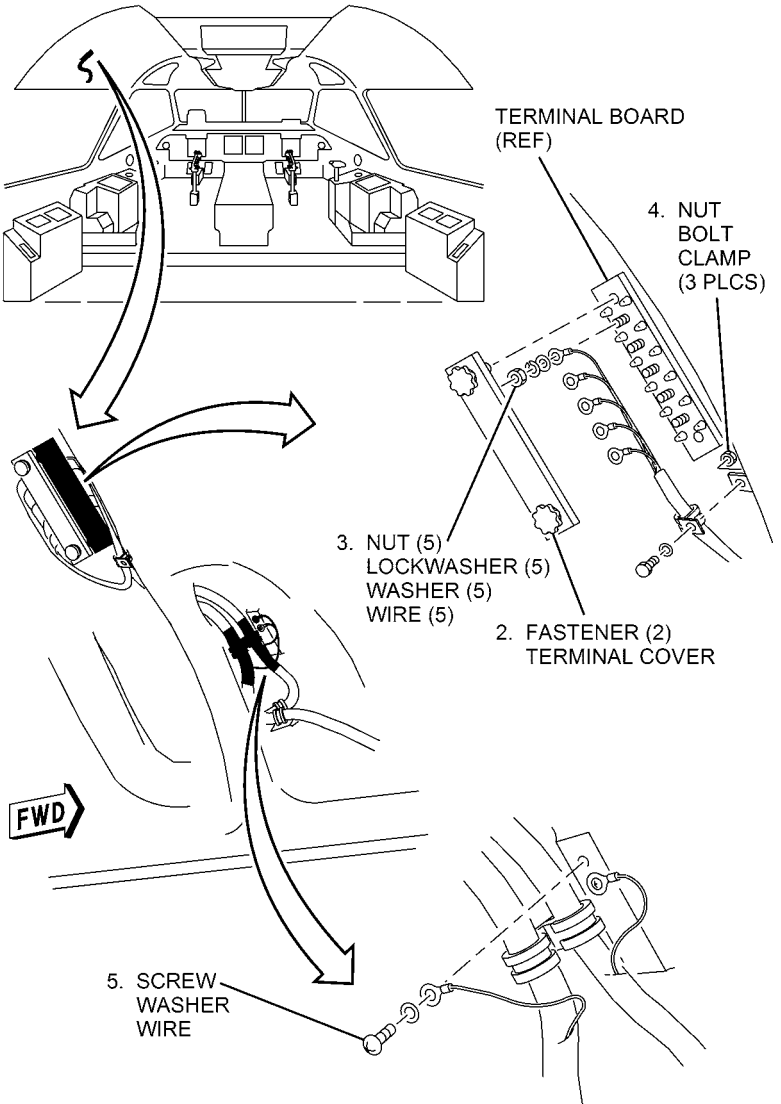
3. **AA** → **CJ** (A) Identify and remove nuts, lockwashers, washers, and wires from terminal board.
3. **CK** → (A) Identify and remove electrical contact and wire from electrical connector using installing/removal tool (PN M81969/14-03).

WINDOW REF DES	CONNECTOR REF DES
5612AA001	3912PP343
5612AA002	3912PP269

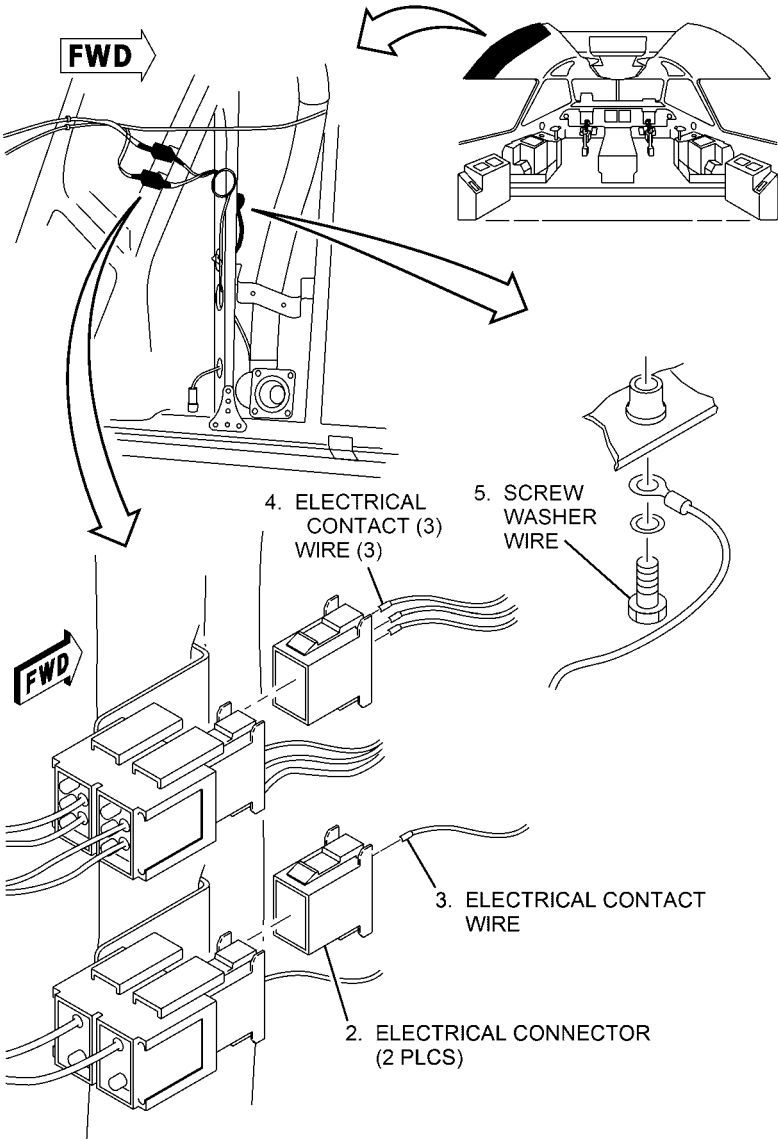
4. **AA** → **CJ** (A) Remove nuts, bolts, and clamps.
4. **CK** → -(A) Identify and remove electrical contacts and wires from electrical connector using installing/removal tool (PN M81969/14-10).

WINDOW REF DES	CONNECTOR REF DES
5612AA001	3912PP286
5612AA002	3912PP282

5. (A) Remove screw, washer, and wire.

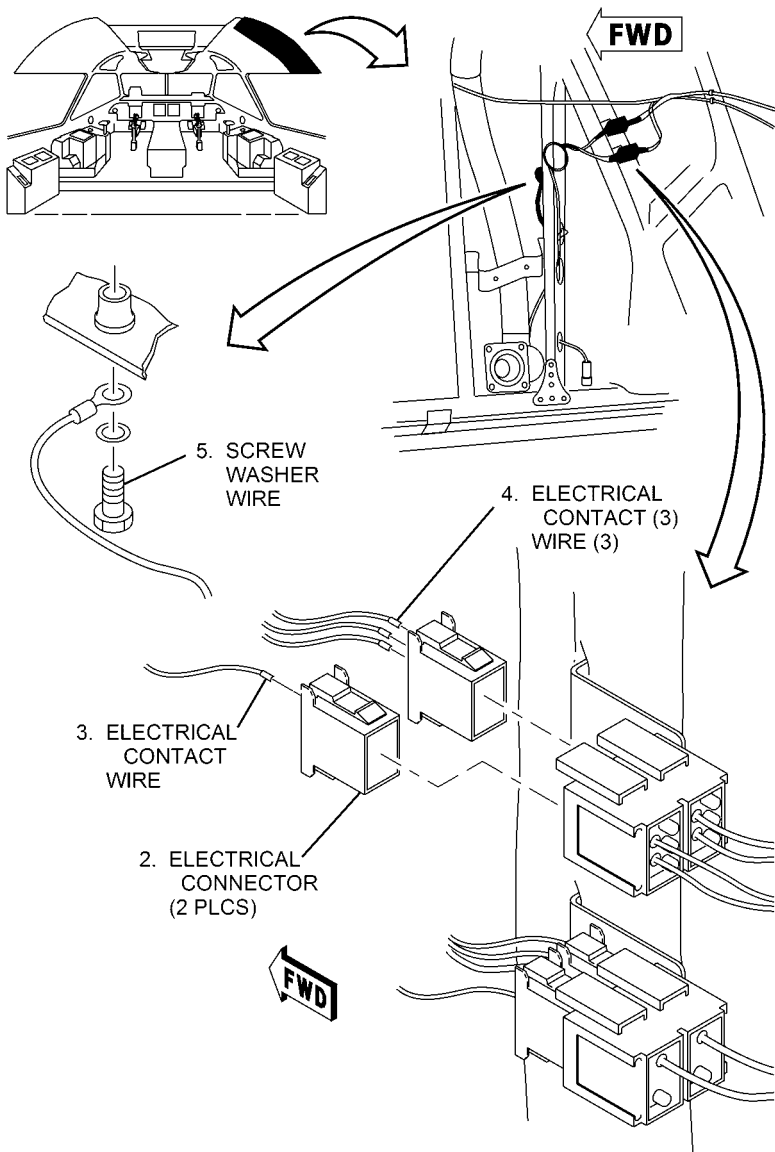


ICN-88277-G5612145-001-01



CK → 5212AA001

ICN-88277-G5612146-001-01



CK → 5212AA002

ICN-88277-G5612147-001-01

## TO 1C-17A-2-56JG-10-1

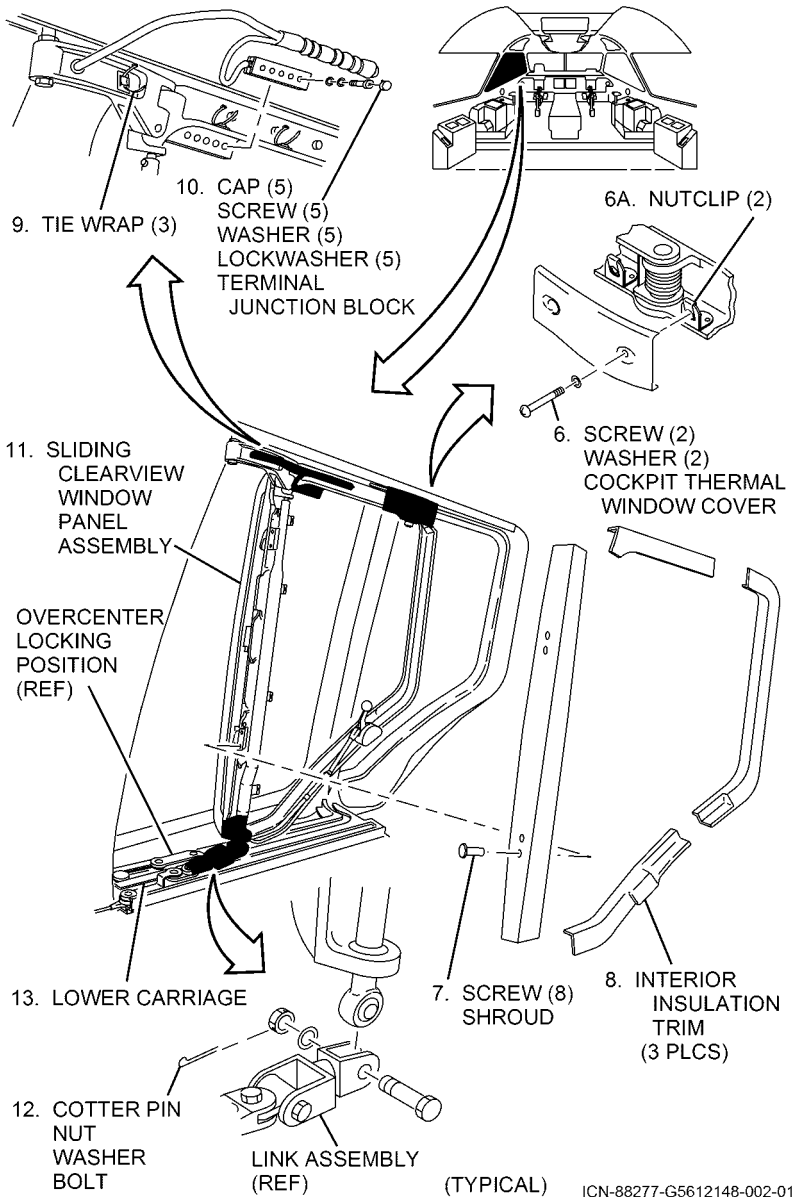
6. (A) Remove screws, washers, and cockpit thermal window cover.
- 6A. (A) Remove nutclips from brackets, if required.
7. (A) Remove screws and shroud.

### NOTE

Interior insulation trim is attached with velcro tape.

8. (A) Remove interior insulation trim from sliding clearview window panel assembly.
9. (A) Remove tie wraps.
10. (A) Identify and remove caps, screws, washers, lockwashers, and terminal junction block.
11. (A) Position sliding clearview window panel assembly so link assembly on lower track is inboard of overcenter locking position.
12. (A) Remove cotter pin, nut, washer, and bolt.
13. (A) Move lower carriage to full aft position.





ICN-88277-G5612148-002-01

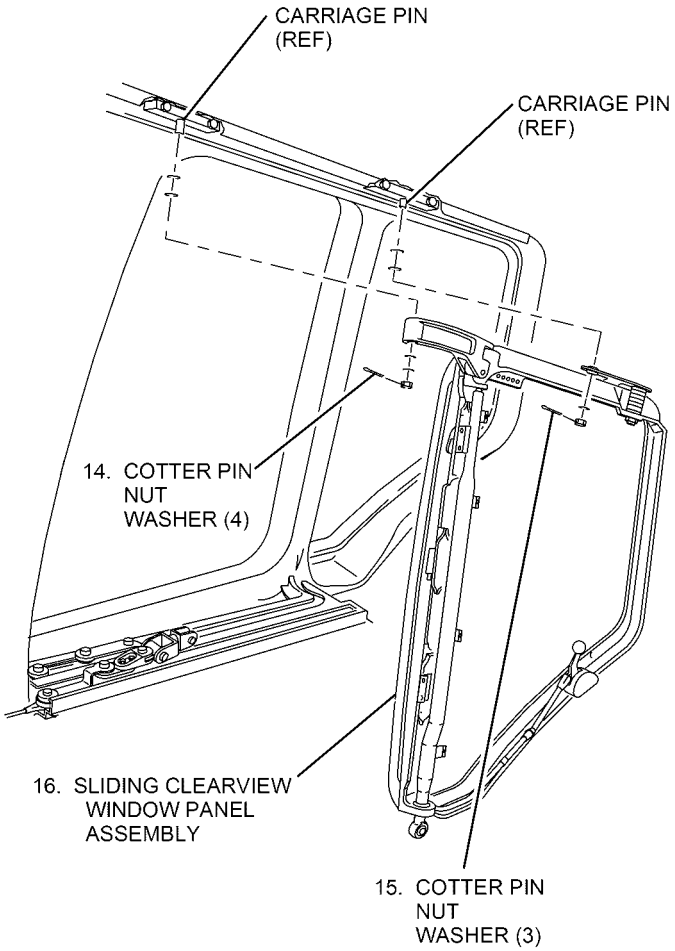
## **TO 1C-17A-2-56JG-10-1**

14. (A,B) Remove cotter pin, nut, and washers from carriage pin.
15. (A,B) Support sliding clearview window panel assembly and remove cotter pin, nut, and washers from carriage pin.

### **NOTE**

Repair task 4-6 shall be performed only when the replacement sliding clearview window panel assembly is new from supply.

16. (A,B) Remove sliding clearview window panel assembly.



(TYPICAL)

ICN-88277-G5612149-001-01



**SLIDING CLEARVIEW WINDOW PANEL  
ASSEMBLY INSTALLATION  
(56-12-10-3)**

**FUNCTIONAL INPUT CONDITIONS:**

<b>Applicability:</b>	<b>Task</b>
All	All

**Additional information:**

This procedure consists of the following tasks:

- 3-1. Installation.
- 3-2. Follow-on maintenance.

<b>NOTE</b>	<b>Task</b>
This is a typical installation task for all sliding clearview window panel assemblies.	All

<b>Additional data:</b>	<b>Task</b>
TO 1C-17A-23	3-1
TO 1C-17A-2-25JG-10-3	3-1
TO 1C-17A-2-30JG-00-1	3-2

<b>Personnel recommended:</b>	<b>Task</b>
One	3-2
Two	3-1
Person (A) performs task.	
Person (B) assists person (A).	

<b>Safety conditions:</b>	<b>Task</b>
NA	--

Support equipment:

<u>Nomenclature</u>	<u>PN</u>	<u>Specification</u>	<u>Qty</u>	<u>Task</u>
Installing/Removal Tool I09M	M81969/14-03	--	1	3-1
Installing/Removal Tool I58M	M81969/14-10	--	1	3-1

Supplies:

<u>Nomenclature</u>	<u>PN</u>	<u>Specification</u>	<u>Qty</u>	<u>Task</u>
Oil, Film	LPS-2	MIL-PRF-81309 TYPE II	AR	3-1
Pin, Cotter	MS24665-153	--	1	3-1
Pin, Cotter	MS24665-155	--	1	3-1
Pin, Cotter	MS24665-304	--	1	3-1
Wrap, Tie	PLT1M	--	1	3-1



## **3-1. INSTALLATION.**

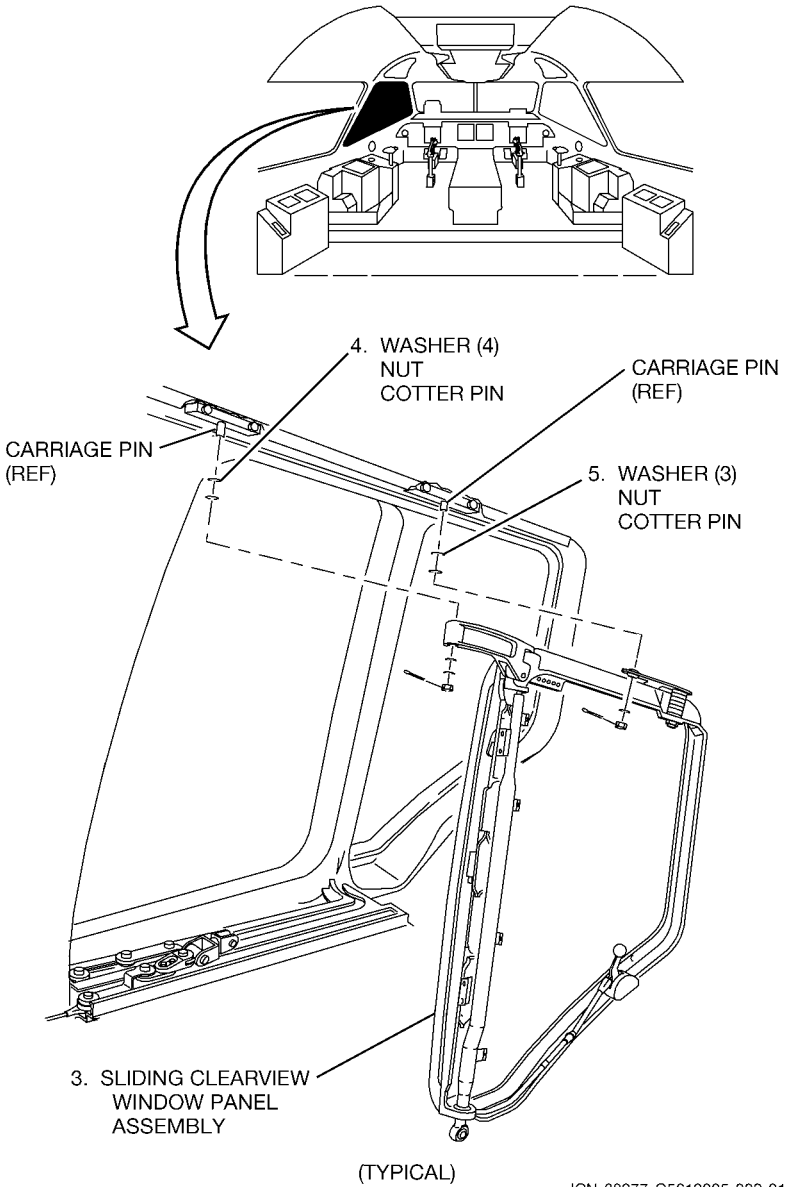
1. Review "Section 1 (General Information)" of this TO for system general warnings, cautions, and notes.
2. Review task "Functional Input Conditions" page for task specific safety conditions.

### **NOTE**

When the sliding clearview window panel assembly is new from supply the thermal cover brackets will need to be transferred from the old window using repair task 4-6.

3. (A,B) Position sliding clearview window panel assembly parallel to normal closed position.
4. (A,B) Support window and install washers, nut, and cotter pin (PN MS24665-304) on carriage pin.
5. (A,B) Install washers, nut, and cotter pin (PN MS24665-153) on carriage pin.





ICN-88277-G5612005-003-01

## **TO 1C-17A-2-56JG-10-1**

6. (A) Align window with drive carriage and position clevis over torque tube end fitting.
7. (A) Install bolt, washer, nut, and cotter pin (PN MS24665-155).

### **NOTE**

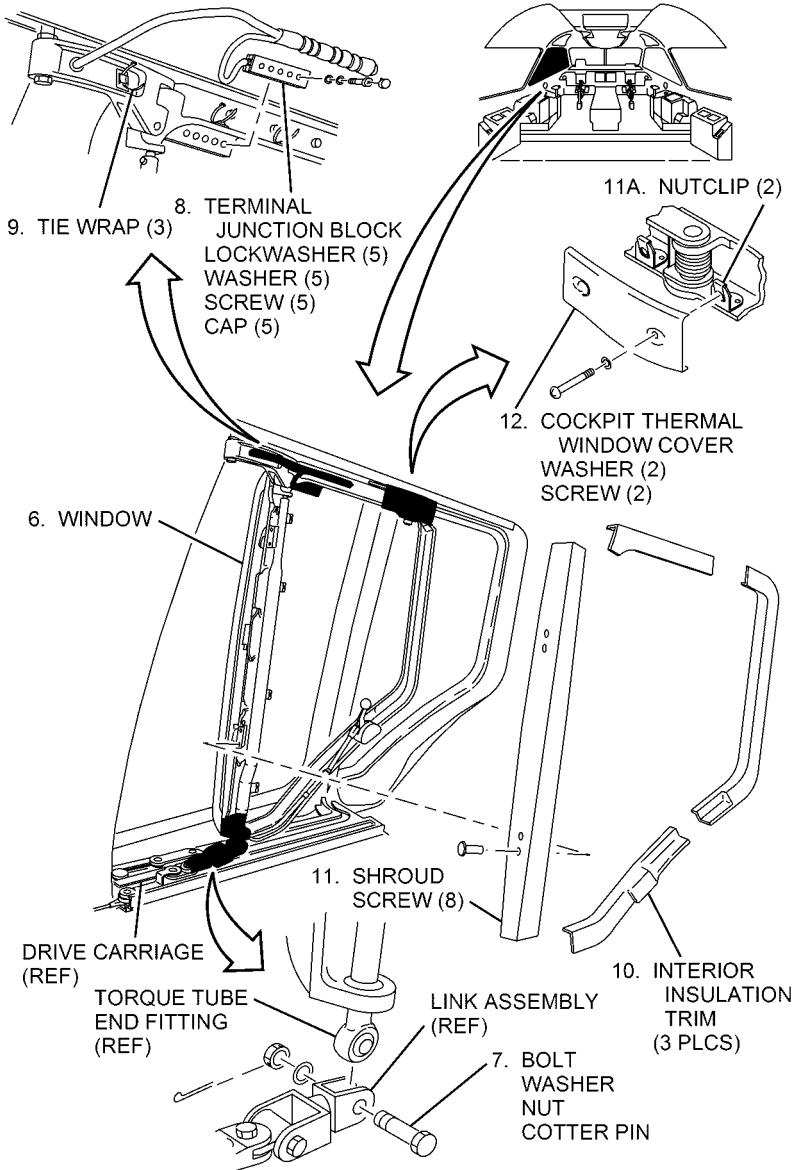
When high voltage cap is missing, damaged, or cannot be secured, due to mating lip damage on the terminal block, repair per TO 1C-17A-3-6, 56-10-00.

8. (A) Install terminal junction block, lockwashers, washers, screws, and caps, as identified.
9. (A) Install tie wraps.

### **NOTE**

Interior insulation trim is attached with velcro tape.

10. (A) Install interior insulation trim.
11. (A) Install shroud and screws.
- 11A. (A) Install nutclips on brackets, if required.
12. (A) Position cockpit thermal window cover and install washers and screws.
13. Apply corrosion preventive compound (TO 1C-17A-23, Chapter 1, Section II).



ICN-88277-G5612152-002-01

## TO 1C-17A-2-56JG-10-1

14.  $\langle \text{AA} \rangle \rightarrow \langle \text{CJ} \rangle$  (A) Install wires, washers, lockwashers, and nuts on terminal board as identified.

WINDOW REF DES	TERMINAL BOARD REF DES
5612AA001	3932TB368
5612AA002	3932TB357

14.  $\langle \text{CK} \rangle \rightarrow$  (A) Install electrical contact and wire in electrical connector using installing/removal tool (PN M81969/14-03) as identified.

WINDOW REF DES	CONNECTOR REF DES
5612AA001	3912PP343
5612AA002	3912PP269

15.  $\langle \text{AA} \rangle \rightarrow \langle \text{CJ} \rangle$  (A) Install clamps, bolts, and nuts on wire bundle.

15.  $\langle \text{CK} \rangle \rightarrow$  (A) Install electrical contacts and wires in electrical connector using installing/removal tool (PN M81969/14-10) as identified.

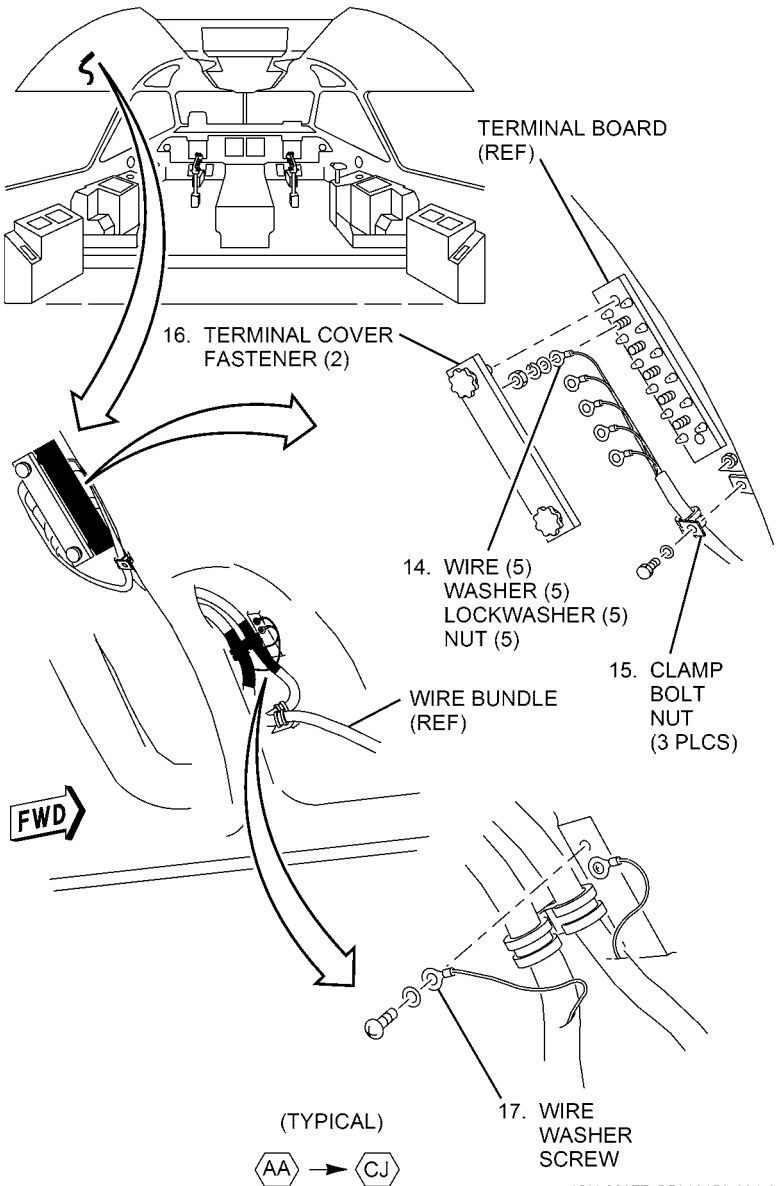
WINDOW REF DES	CONNECTOR REF DES
5612AA001	3912PP286
5612AA002	3912PP282

16.  $\langle \text{AA} \rangle \rightarrow \langle \text{CJ} \rangle$  (A) Install terminal cover and tighten fasteners.

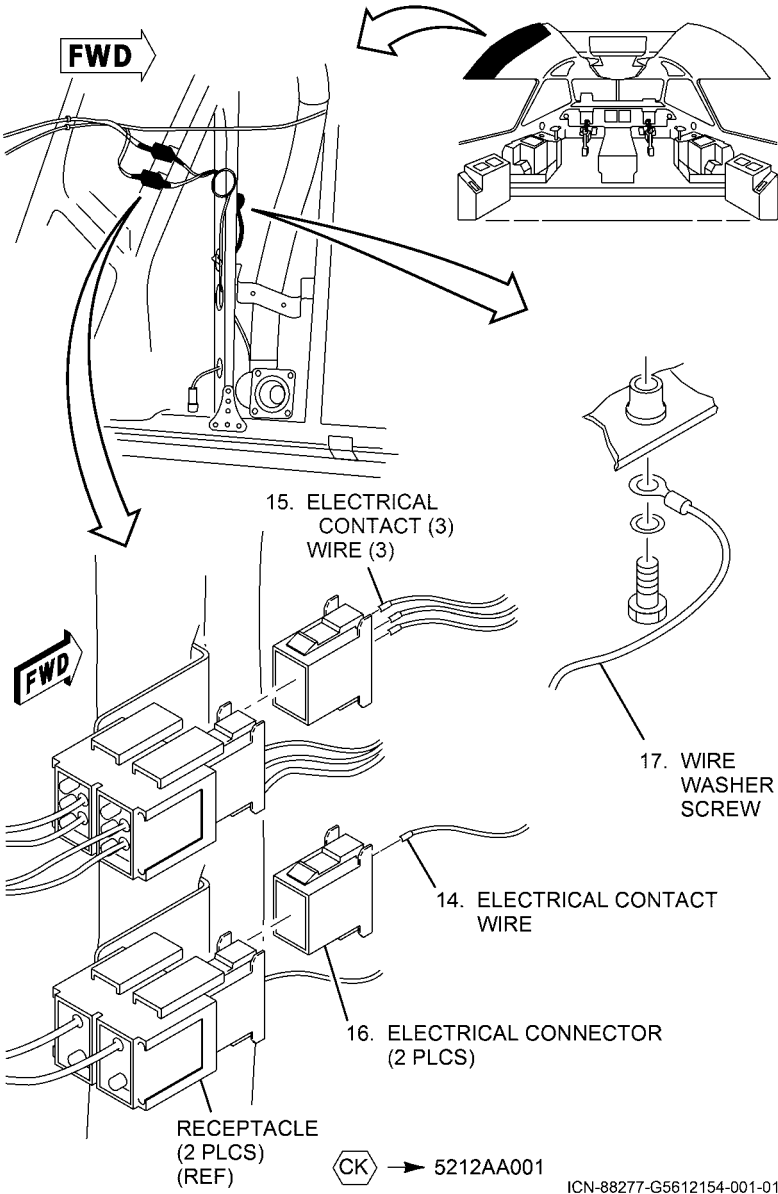
16.  $\langle \text{CK} \rangle \rightarrow$  (A) Install electrical connectors to receptacles as follows:

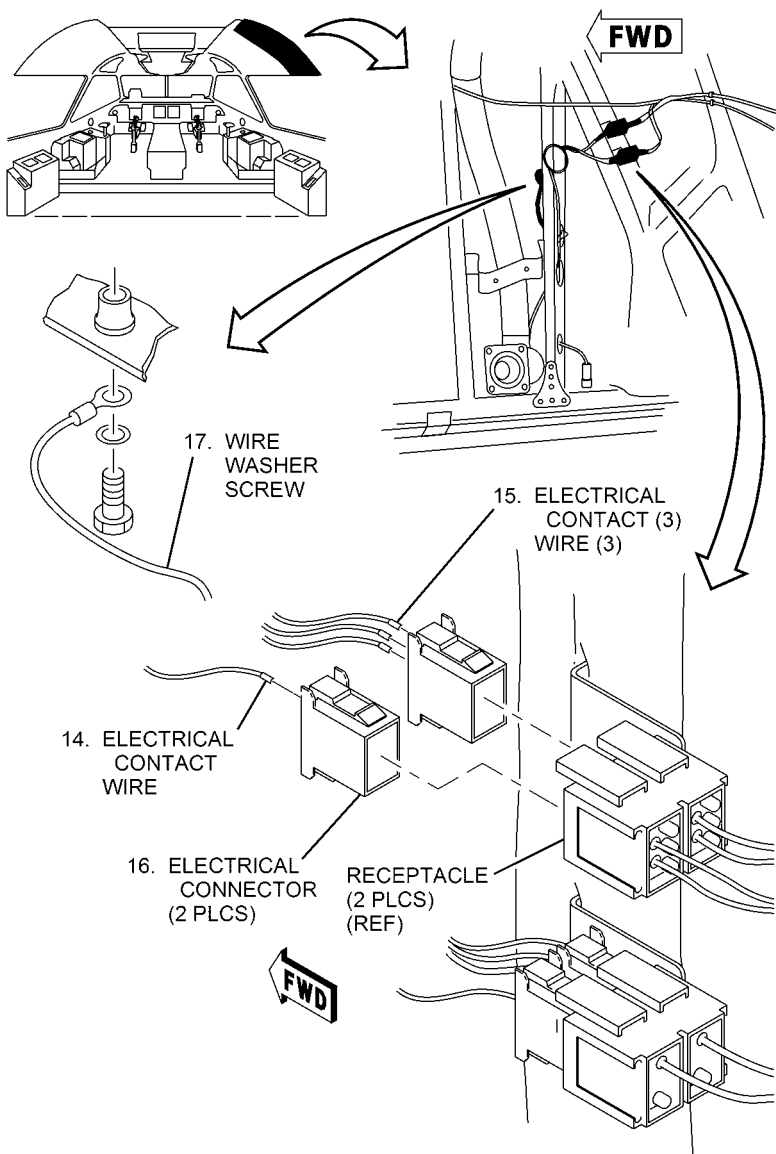
WINDOW REF DES	CONNECTOR REF DES	RECEPTACLE REF DES
5612AA001	3912PP286	3912JE286
5612AA001	3912PP343	3912JE343
5612AA002	3912PP269	3912JE269
5612AA002	3912PP282	3912JE282

17. (A) Install wire, washer, and screw.



ICN-88277-G5612153-001-01





CK → 5212AA002

ICN-88277-G5612155-001-01

**TO 1C-17A-2-56JG-10-1**

18. Install cockpit liner (25-15-10).

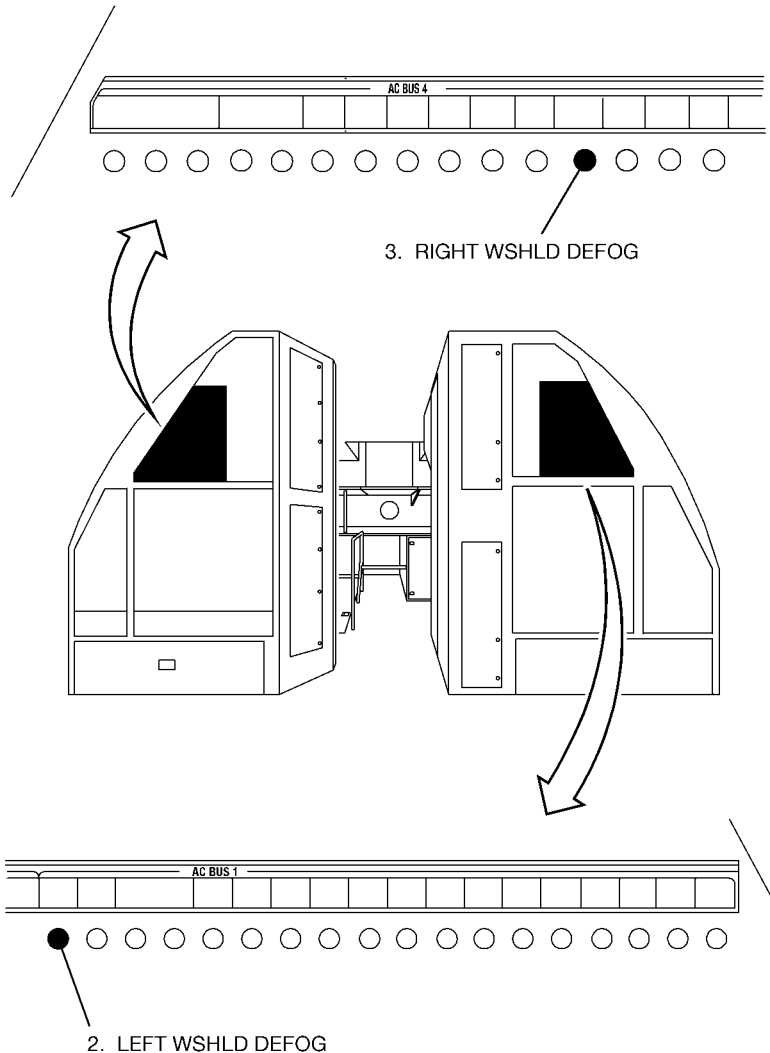
WINDOW REF DES	LINER REF DES
5612AA001	2515UU035
5612AA002	2515UU036





## **3-2. FOLLOW-ON MAINTENANCE.**

1. Perform alignment/adjustment of sliding clearview window, (task 5-2).
2. Remove warning tag and close **LEFT WSHLD DEFOG** circuit breaker on Electrical Power Center (EPC), row **J**, column **48**.
3. Remove warning tag and close **RIGHT WSHLD DEFOG** circuit breaker on EPC, row **H**, column **26**.
4. Perform ice and rain protection system operational checkout (30-00-01, task 01-2).





**SLIDING CLEARVIEW WINDOW PANEL  
ASSEMBLY REPAIR  
(56-12-10-4)**

**FUNCTIONAL INPUT CONDITIONS:**

**Applicability:**

All

**Task**

All

**Additional information:**

This procedure consists of the following tasks:

- 4-1. Repair sliding clearview window panel assembly by replacing latch.
- 4-2. Repair sliding clearview window panel assembly by replacing upper carriage.
- 4-3. Repair sliding clearview window panel assembly by replacing window panel and outer seal.
- 4-4. Repair sliding clearview window panel assembly by replacing lock lever.
- 4-5. Repair sliding clearview window panel assembly by replacing inner seal.
- 4-6. Repair sliding clearview window panel assembly by replacing the cockpit thermal window brackets from window frame.

**NOTE**

These are typical repair tasks for all sliding clearview window panel assemblies.

**Task**

All

**Additional data:**

TO 1C-17A-23

**Task**

4-3,  
4-4

**Personnel recommended:**

One

**Task**

All

Safety conditions:

NA

Task

--

**Support equipment:**

<u>Nomenclature</u>	<u>PN</u>	<u>Specification</u>	<u>Qty</u>	<u>Task</u>
Kit, Universal Puller	CG2545AB	--	1	4-4
Wrench, Hex L Key	17M1A0101-1	--	1	4-3

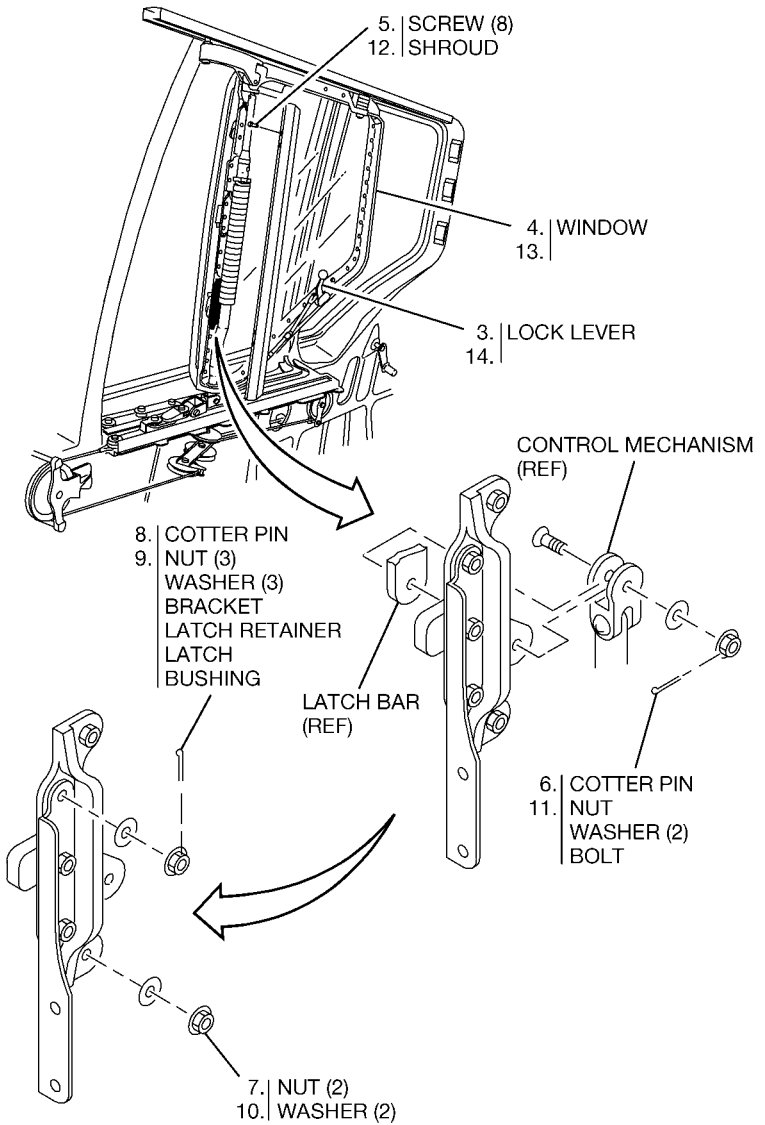
**Supplies:**

<u>Nomenclature</u>	<u>PN</u>	<u>Specification</u>	<u>Qty</u>	<u>Task</u>
Petrolatum	14P1	--	AR	4-3
Rivet (Primary)	3D0272AD3	--	AR	4-6
Rivet (Alternate)	MS20470AD3	--	AR	4-6
Sealant	--	MIL-A-46146	AR	4-3
Sealant	--	AMS 3265	AR	4-3, 4-4

## **4-1. REPAIR SLIDING CLEARVIEW WINDOW PANEL ASSEMBLY BY REPLACING LATCH.**

1. Review "Section 1 (General Information)" of this TO for system general warnings, cautions, and notes.
2. Review task "Functional Input Conditions" page for task specific safety conditions.
3. Move lock lever to unlock sliding clearview window panel assembly.
4. Open window.
5. Remove screws and shroud.
6. Remove cotter pin, nut, washers, and bolt from latch bar and control mechanism.
7. Remove nuts and washers.
8. Remove cotter pin, nuts, washers, bracket, latch retainer, latch, and bushing.
9. Position bushing, latch, latch retainer, bracket, and install washers, nuts, and cotter pin.
10. Install washers and nuts.
11. Position latch bar, control mechanism, and latch; install washers, nut, and cotter pin.
12. Position shroud and install screws.
13. Close window.
14. Move lock lever to lock window.

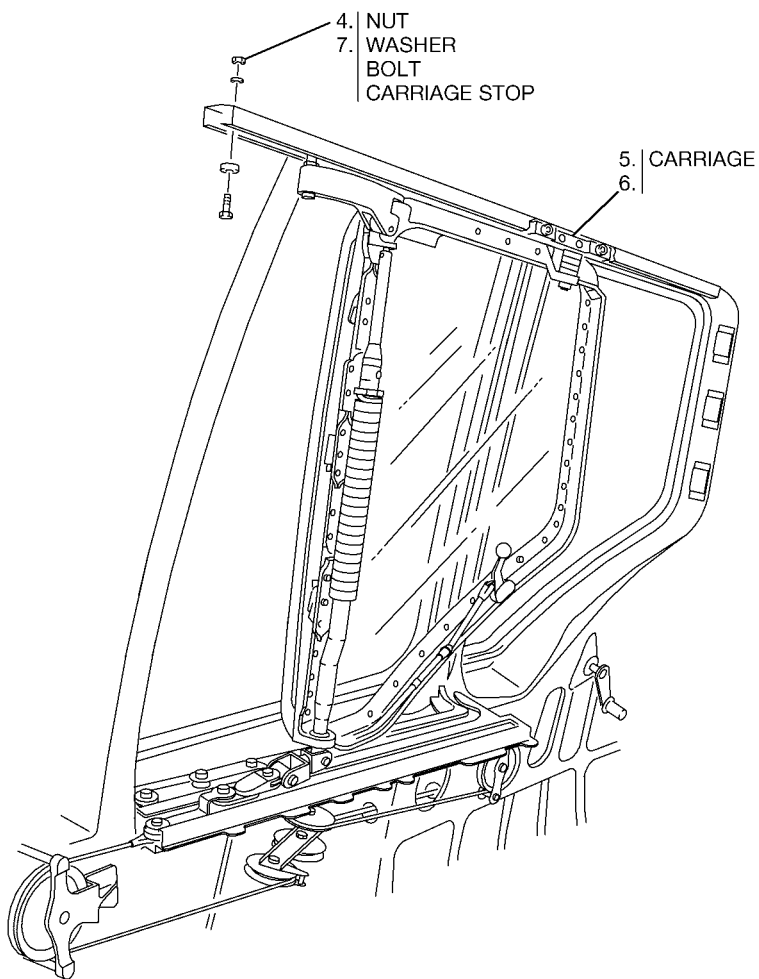




ICN-88277-G5612008-002-01

## **4-2. REPAIR SLIDING CLEARVIEW WINDOW PANEL ASSEMBLY BY REPLACING UPPER CARRIAGE.**

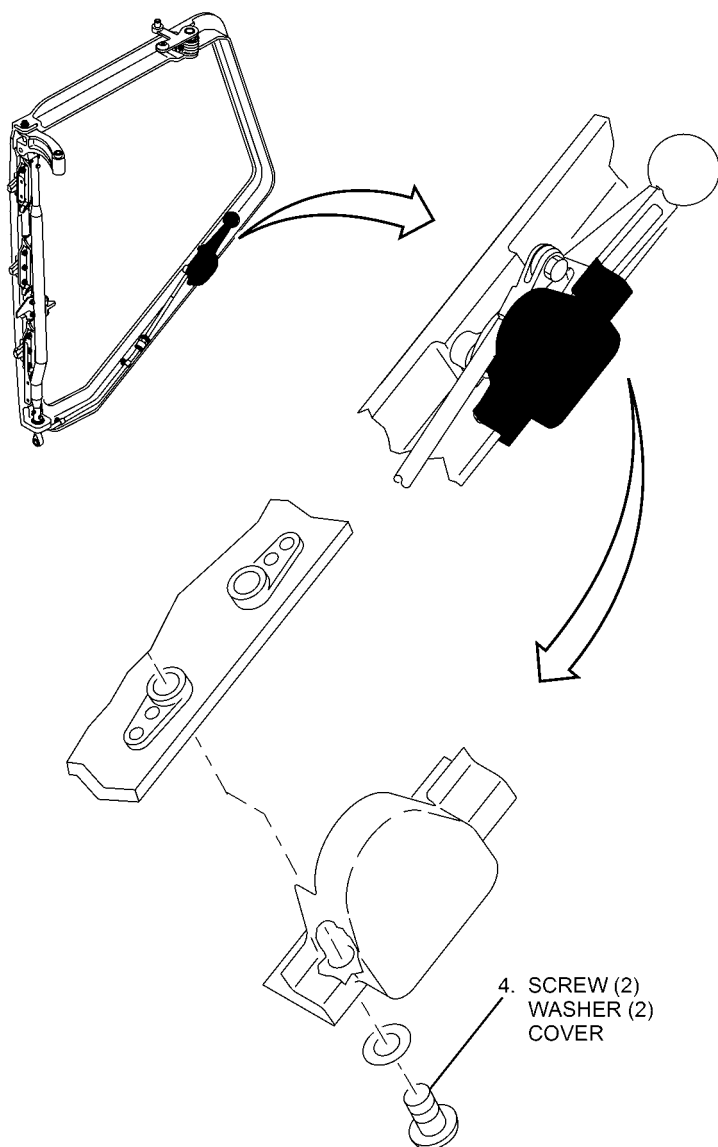
1. Review "Section 1 (General Information)" of this TO for system general warnings, cautions, and notes.
2. Review task "Functional Input Conditions" page for task specific safety conditions.
3. Remove sliding clearview window panel assembly (task 2-2).
4. Remove nut, washer, bolt, and carriage stop.
5. Slide carriage aft and remove.
6. Position carriage in track and slide forward.
7. Install carriage stop, bolt, washer, and nut.
8. Install sliding clearview window (task 3-1).



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**4-3. REPAIR SLIDING CLEARVIEW WINDOW  
PANEL ASSEMBLY BY REPLACING WINDOW  
PANEL AND OUTER SEAL.**

1. Review "Section 1 (General Information)" of this TO for system general warnings, cautions, and notes.
2. Review task "Functional Input Conditions" page for task specific safety conditions.
3. Remove sliding clearview window panel assembly (tasks 2-1 and 2-2).
4. Remove screws, washers, and cover.



ICN-88277-G5612071-005-01

**NOTE**

Lock lever may need to be repositioned to gain access to nuts, washers, and pins.

5. Identify and remove nuts, washers, and pins.
6. Remove outer retainer and outer seal.
7. Remove window panel.

**NOTE**

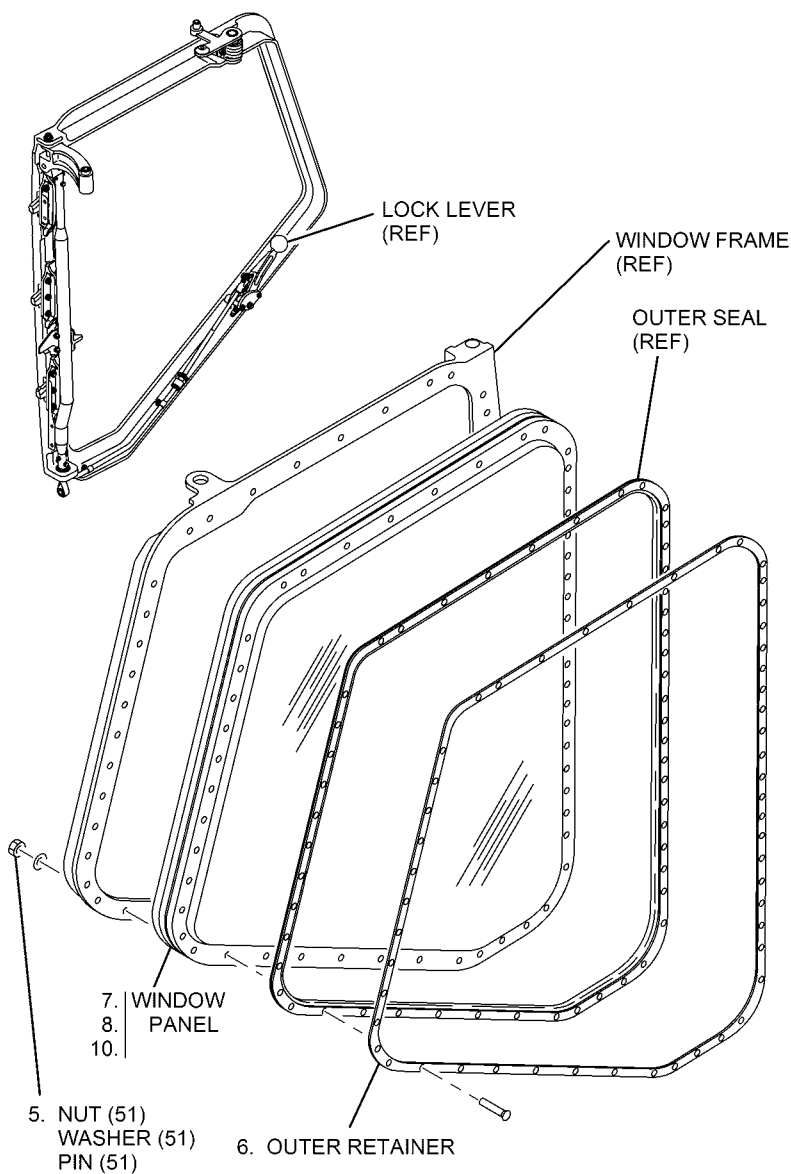
Petrolatum 14P1 shall be applied to window panel only.

8. Apply a coat of petrolatum using 14P1 to the faying surface of window panel.

**NOTE**

Separable faying surface sealant shall be applied to window panel only.

9. Perform separable faying surface sealing using AMS 3265 (TO 1C-17A-23, Chapter 1, Section III).
10. Position window panel, outer seal, and outer retainer.



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**NOTE**

- Install and tighten pins to remove end play only. Faying surface sealant shall be applied to window frame only. Do not deform outer seal.
- Verify self locking is engaged on all nuts.

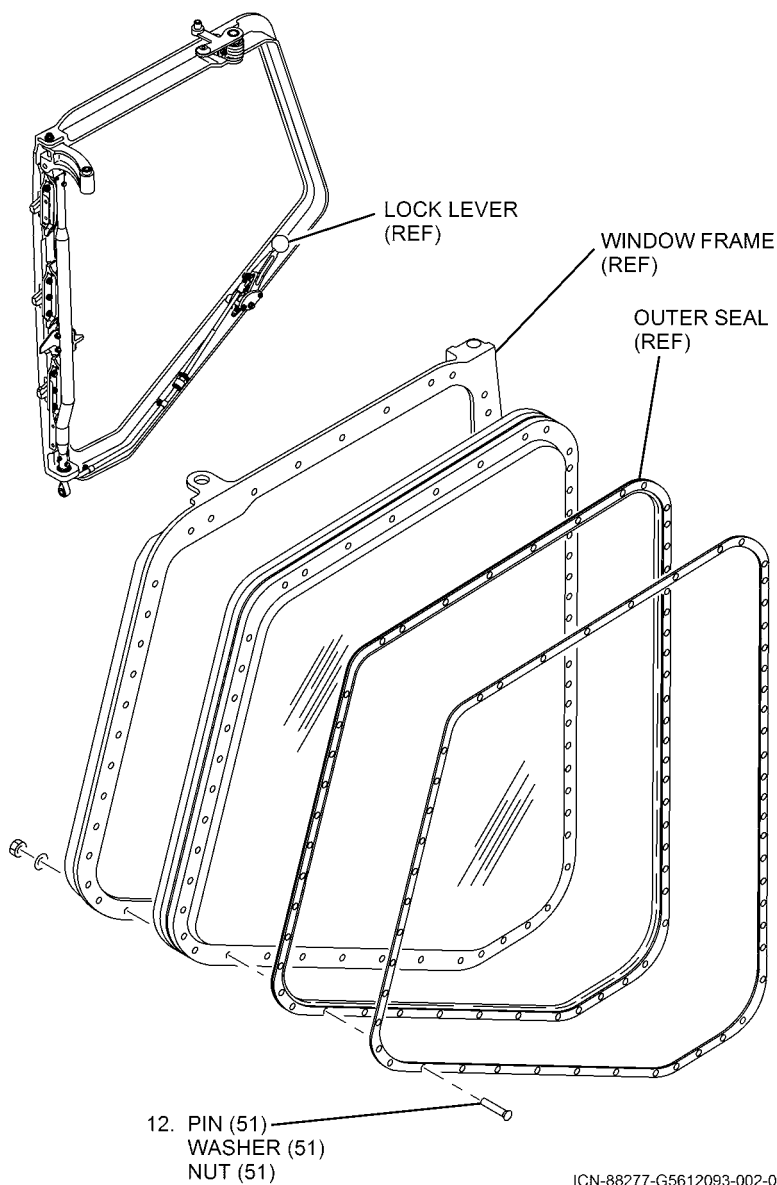
11. Perform wet fastener installation using MIL-A-46146 (TO 1C-17A-23, Chapter 1, Section III).

**NOTE**

Lock lever may need to be repositioned to gain access to nuts, washers, and pins.

12. Install pins, washers, and nuts as identified.

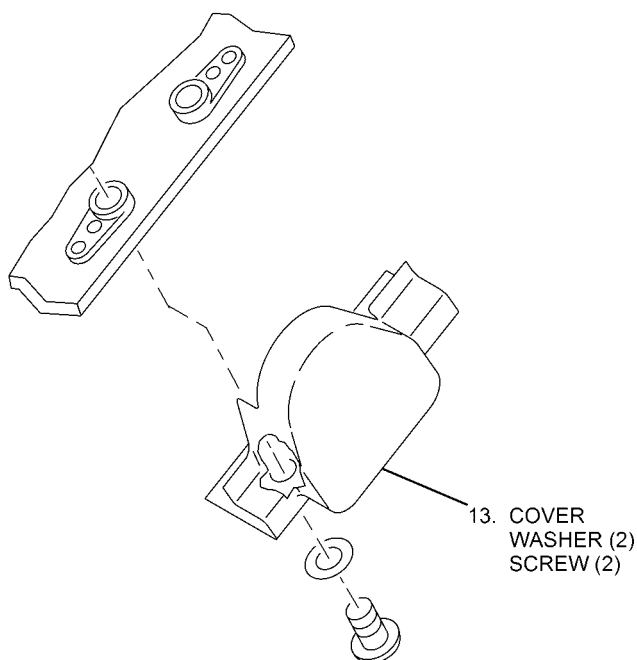




ICN-88277-G5612093-002-01

## **TO 1C-17A-2-56JG-10-1**

13. Position cover: install washers and screws.
14. Install sliding clearview window panel assembly (task 3-1 and 3-2).



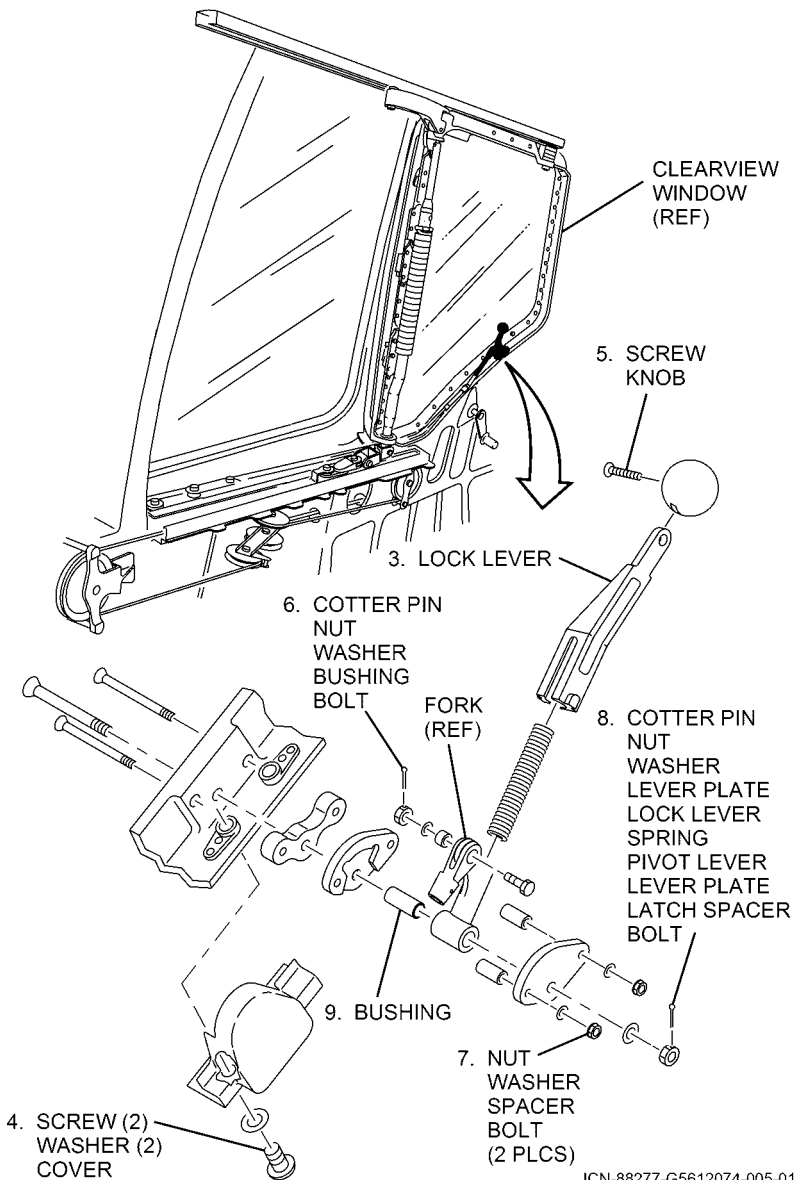
#### **4-4. REPAIR SLIDING CLEARVIEW WINDOW PANEL ASSEMBLY BY REPLACING LOCK LEVER.**

1. Review "Section 1 (General Information)" of this TO for system general warnings, cautions, and notes.
2. Review task "Functional Input Conditions" page for task specific safety conditions.
3. Move lock lever to unlock position and open clearview window.
4. Remove screws, washers, and cover.
5. Remove screw and knob.
6. Remove cotter pin, nut, washer, bushing and bolt from fork.
7. Remove nuts, washers, spacers, and bolts.



Push down on lock lever to prevent spring from ejecting out while removing lock lever. Failure to comply may cause damage to equipment.

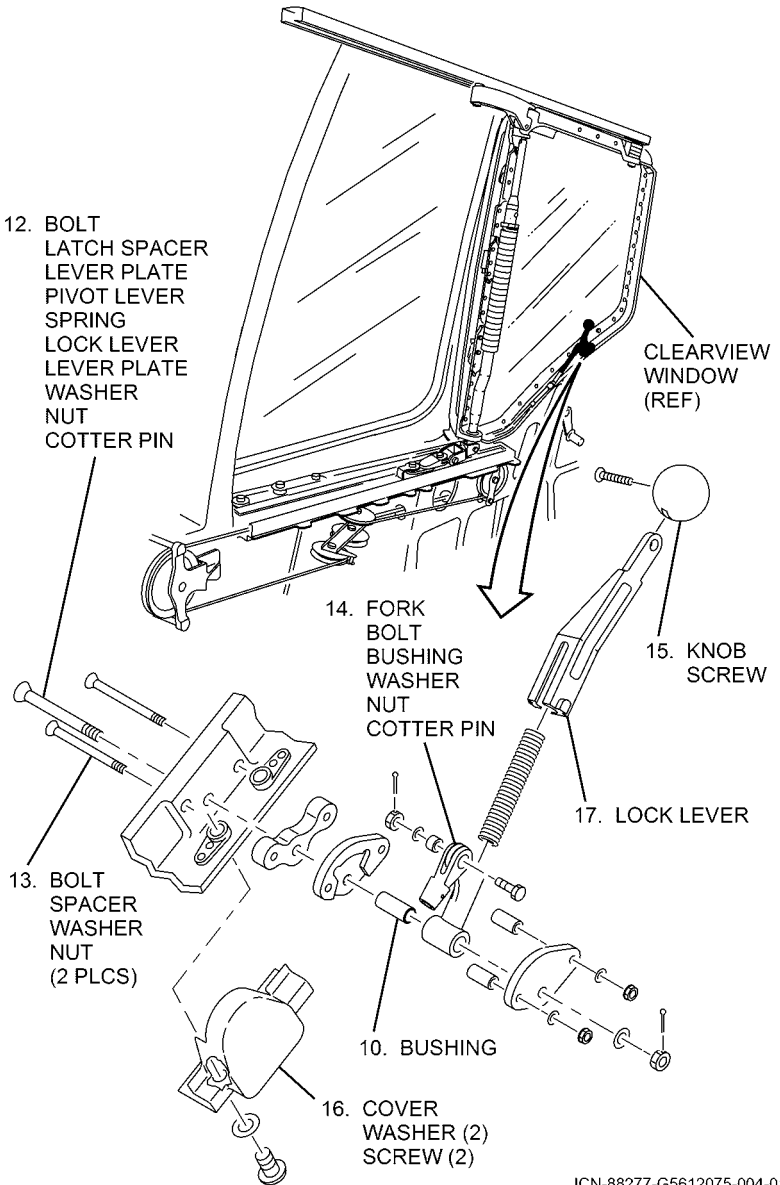
8. Remove cotter pin, nut, washer, lever plate, lock lever, spring, pivot lever, lever plate, latch spacer, and bolt.
9. Remove bushing from pivot lever using universal puller kit (PN CG2545AB).



ICN-88277-G5612074-005-01

## **TO 1C-17A-2-56JG-10-1**

10. Position bushing and press into pivot lever.
11. Perform wet fastener installation (TO 1C-17A-23, Chapter 1, Section III).
12. Install bolt, latch spacer, lever plate, pivot lever, spring, lock lever, lever plate, washer, nut, and cotter pin.
13. Install bolts, spacers, washers, and nuts.
14. Position fork and install bolt, bushing, washer, nut, and cotter pin.
15. Position knob and install screw.
16. Position cover: install washers and screws.
17. Close clearview window and move lock lever to lock position.



ICN-88277-G5612075-004-01

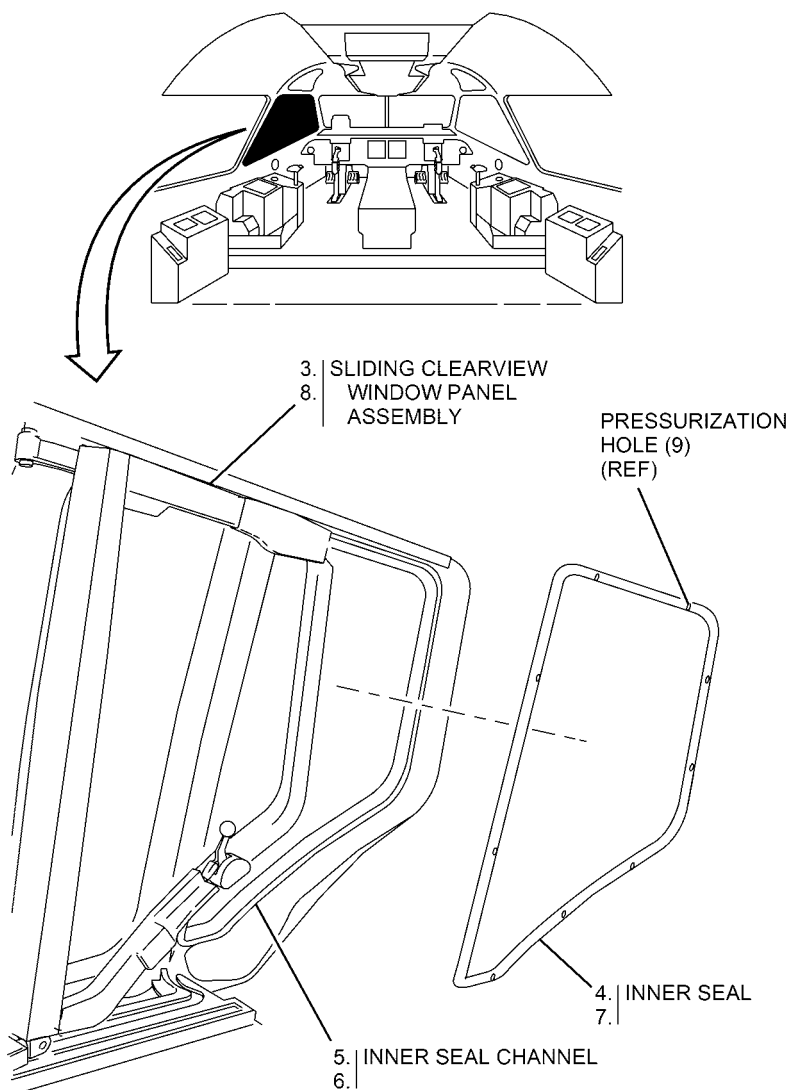
## **4-5. REPAIR SLIDING CLEARVIEW WINDOW PANEL ASSEMBLY BY REPLACING INNER SEAL.**

1. Review "Section 1 (General Information)" of this TO for system general warnings, cautions, and notes.
2. Review task "Functional Input Conditions" page for task specific safety conditions.
3. Unlock and open sliding clearview window panel assembly.
4. Remove inner seal from seal channel.
5. Clean inner seal channel by removing all traces of silicone sealant residue.
6. Visually inspect seal channel for damage.

### **NOTE**

- Install corners of seal first followed by straight sections of seal into channel at approximately 6 inch intervals, seal can be pulled lightly to obtain proper positioning.
  - Pressurization holes on seal shall oriented inboard.
7. Using a flat, rounded tool that will not cut or mar the seal, install outer lip of inner seal into channel first, followed by inner lip.
  8. Close and lock sliding clearview window panel assembly.



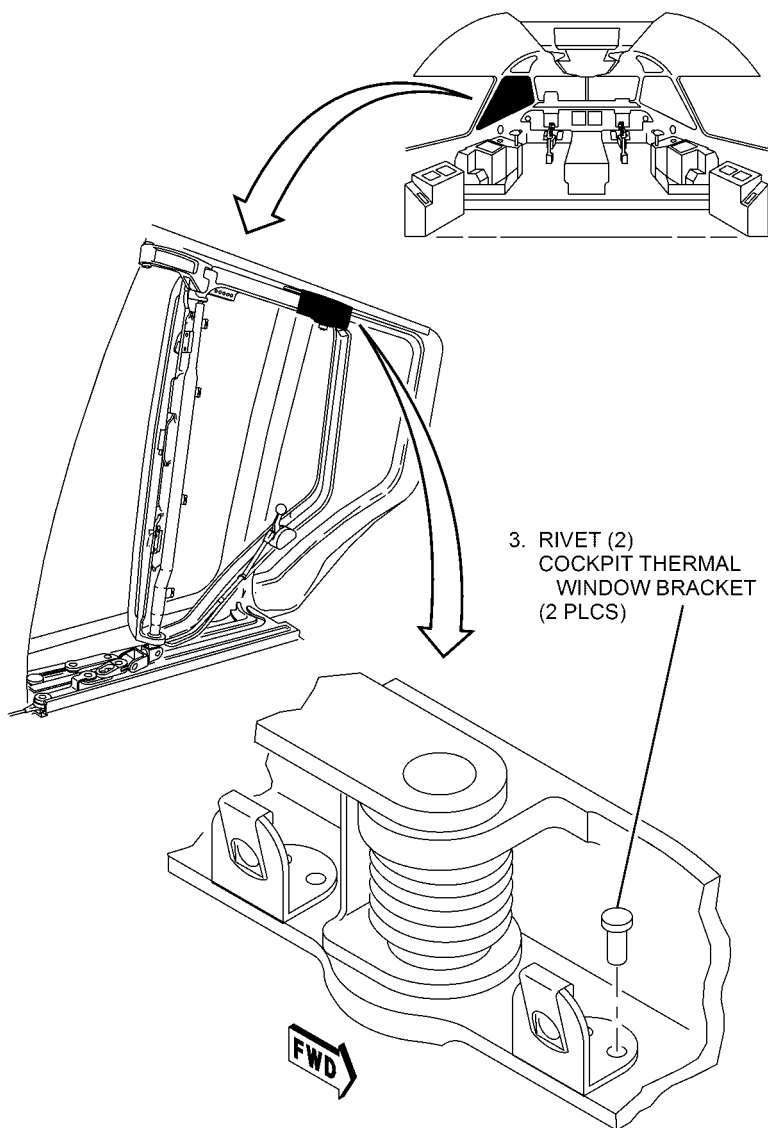


(TYPICAL)

ICN-88277-G5612085-005-01

**4-6. REPAIR SLIDING CLEARVIEW WINDOW  
PANEL ASSEMBLY BY REPLACING THE  
COCKPIT THERMAL WINDOW BRACKETS  
FROM WINDOW FRAME.**

1. Review "Section 1 (General Information)" of this TO for system general warnings, cautions, and notes.
2. Review task "Functional Input Conditions" page for task specific safety conditions.
3. Remove rivets and cockpit thermal window brackets from window frame.



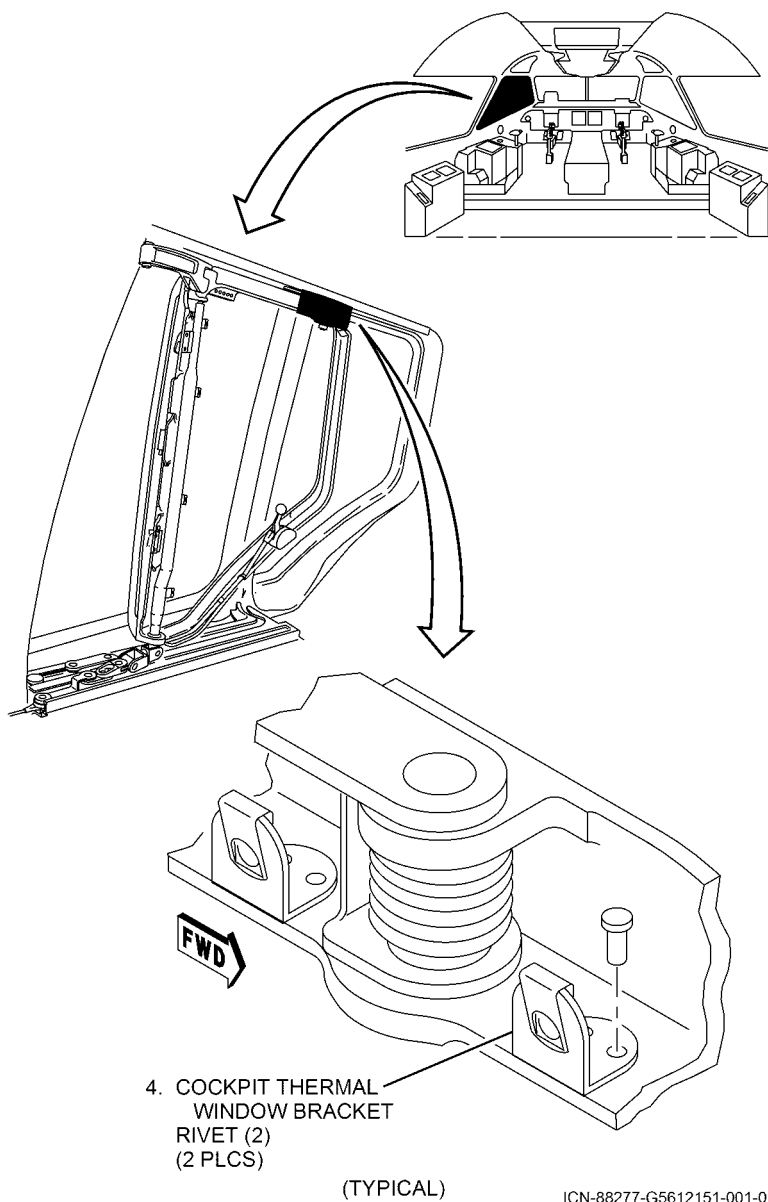
(TYPICAL)

ICN-88277-G5612150-001-01

**NOTE**

When the sliding clearview window panel assembly is new from supply, predrilled rivet holes will be required prior to installation of the cockpit thermal window bracket.

4. Position cockpit thermal window brackets into window frame and install rivets.



ICN-88277-G5612151-001-01



**SLIDING CLEARVIEW WINDOW PANEL  
ASSEMBLY ADJUSTMENT  
(56-12-10-5)**

**FUNCTIONAL INPUT CONDITIONS:**

<b>Applicability:</b>	<b>Task</b>
All	All

**Additional information:**

This procedure consists of the following tasks:

- 5-1. Adjustment of sliding clearview window lock lever.
- 5-2. Alignment/adjustment of sliding clearview window.

**NOTE**

<b>Task</b>
All
These are typical adjustments for all sliding clearview window panel assemblies.

<b>Additional data:</b>	<b>Task</b>
NA	--

<b>Personnel recommended:</b>	<b>Task</b>
One	5-1
Two	5-2
Person (A) performs task.	
Person (B) assists person (A).	

<b>Safety conditions:</b>	<b>Task</b>
NA	--

56-12-10-5  
2-124/(2-125 blank)

Support equipment:

Nomenclature

PN

Specification

Qty

Task

Gauge, Feeler

467

--

1

5-2

Supplies:

Nomenclature

PN

Specification

Qty

Task

NA

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--

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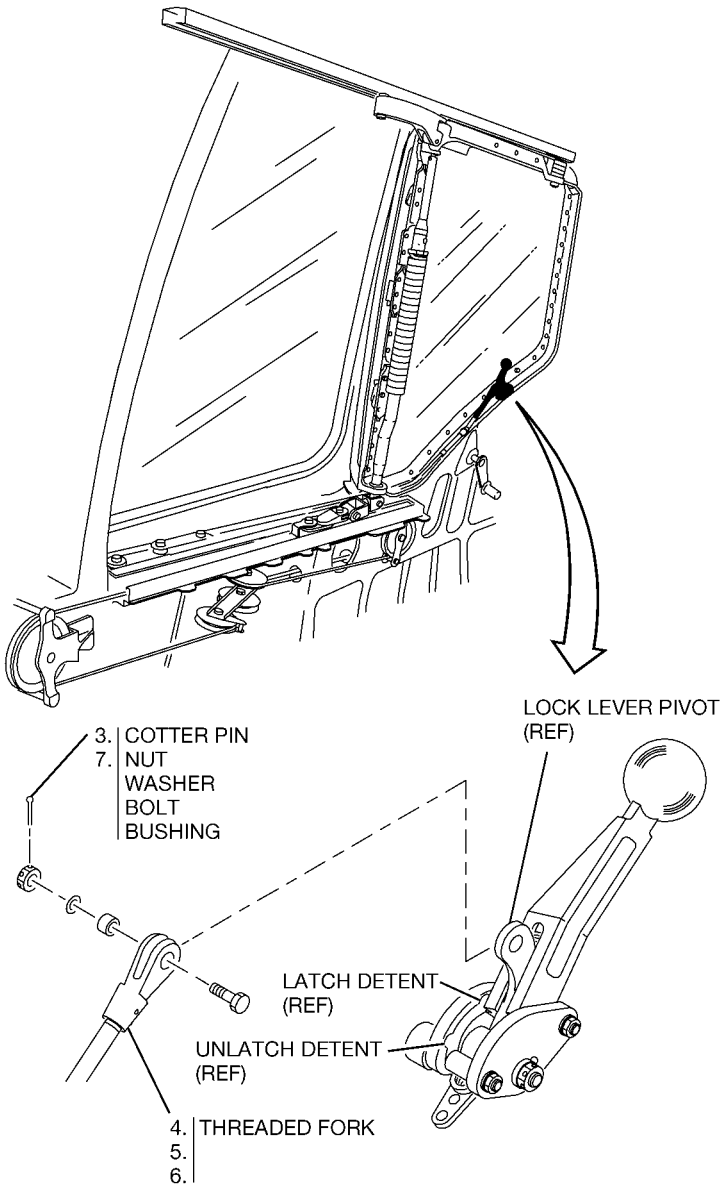
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## **5-1. ADJUSTMENT OF SLIDING CLEARVIEW WINDOW LOCK LEVER.**

1. Review "Section 1 (General Information)" of this TO for system general warnings, cautions, and notes.
2. Review task "Functional Input Conditions" page for task specific safety conditions.
3. Remove cotter pin, nut, washer, bolt, and bushing.
4. Remove threaded fork from lock lever pivot.
5. Rotate threaded fork to attain correct length for lever to reach unlatch and latch detents.
6. Position threaded fork on lock lever pivot.
7. Install bushing, bolt, washer, nut, and cotter pin.



ICN-88277-G5610039-002-01

## 5-2. ALIGNMENT/ADJUSTMENT OF SLIDING CLEARVIEW WINDOW.



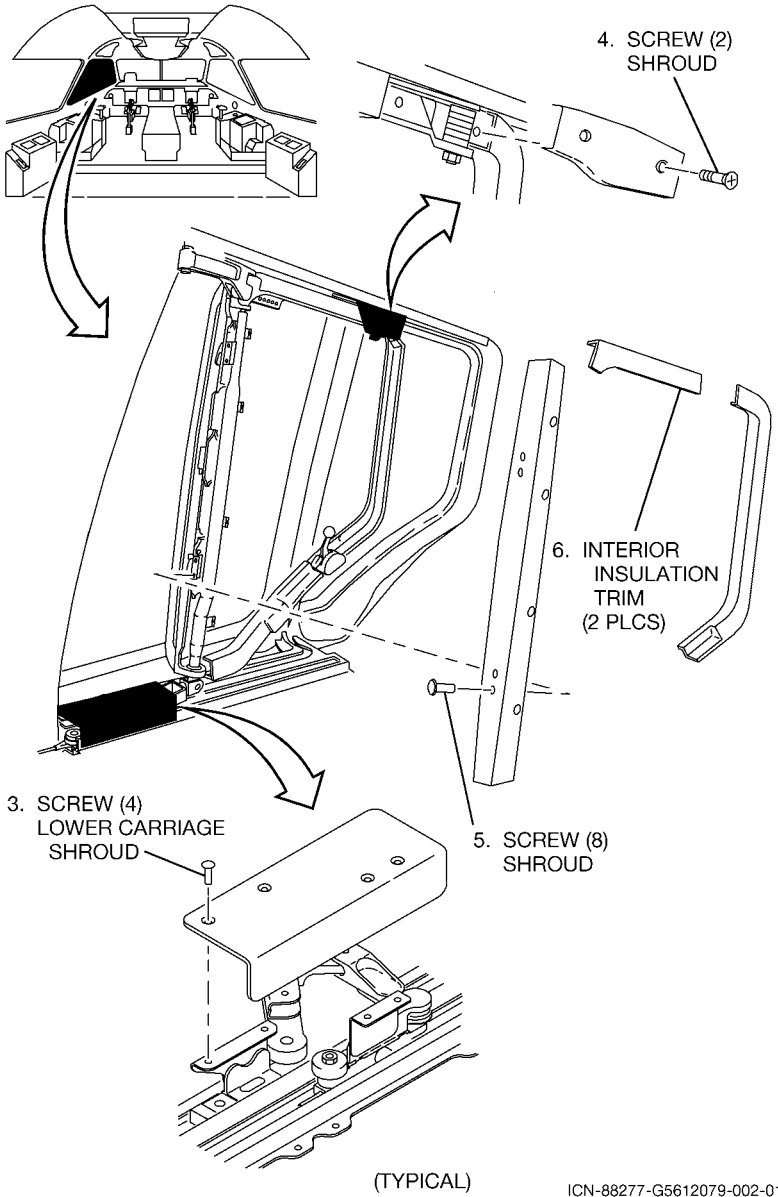
Avoid possible damage to acrylic material while working with tools around sliding clearview window. Failure to comply may cause damage to aircraft.

1. Review "Section 1 (General Information)" of this TO for system general warnings, cautions, and notes.
2. Review task "Functional Input Conditions" page for task specific safety conditions.
3. (A) Remove screws and lower carriage shroud.
4. (A) Remove screws and shroud.
5. (A) Remove screws and shroud.

### NOTE

Interior insulation trim is attached with velcro tape.

6. (A) Remove interior insulation trim.



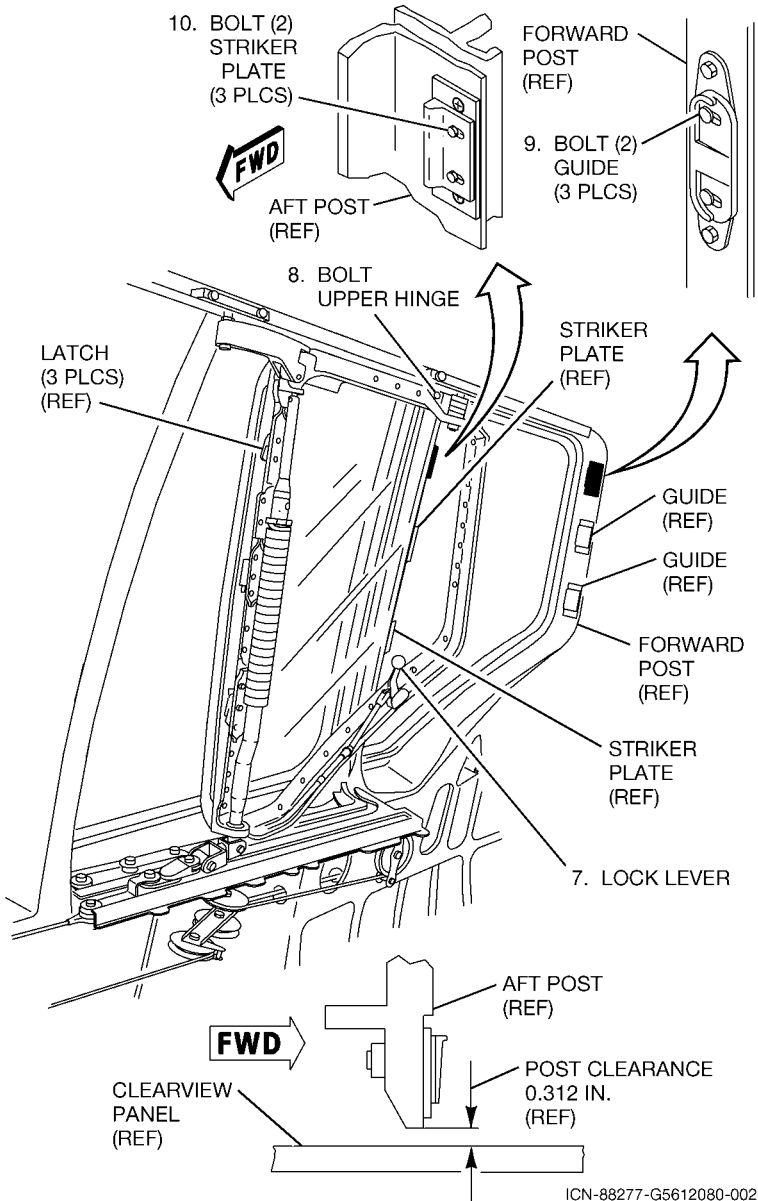
ICN-88277-G5612079-002-01

7. (A,B) Move lock lever to open position and crank window slowly to full open and closed position. Measure the window position.

**NOTE**

Tightening the bolt clockwise will reduce the clearance between the window and aft post and increase forward edge clearance. Loosening counter clockwise the bolt will increase aft post guide clearance.

8. (A) Tighten or loosen bolt on the upper hinge to clear both the forward post guides and the aft window post during the open/close operation.
  - Clearance between clearview panel and aft post shall be a minimum of 0.312 inches continuously.
9. (A) On the forward post loosen bolts on each guide, and position the guide so that three serrations from full inboard are exposed. This is an initial rig point.
10. (A) On aft post loosen bolts on each striker plate and move inboard on the serrated plates and tighten bolts. This is an initial rig point.



## TO 1C-17A-2-56JG-10-1

11. (A) Remove nut, washer, bushing, and bolt from clevis.
12. (A) Adjust window to achieve equal amount of exposed weather seal at and upper and lower window edge by relocating the existing washers between both the upper forward carriage and the hinge fitting and between the upper aft carriage and the bell crank.
13. (A) Install bolt, bushing, washer, and nut.

### NOTE

To achieve washer adjustment repeat steps 11 and 12 as required.

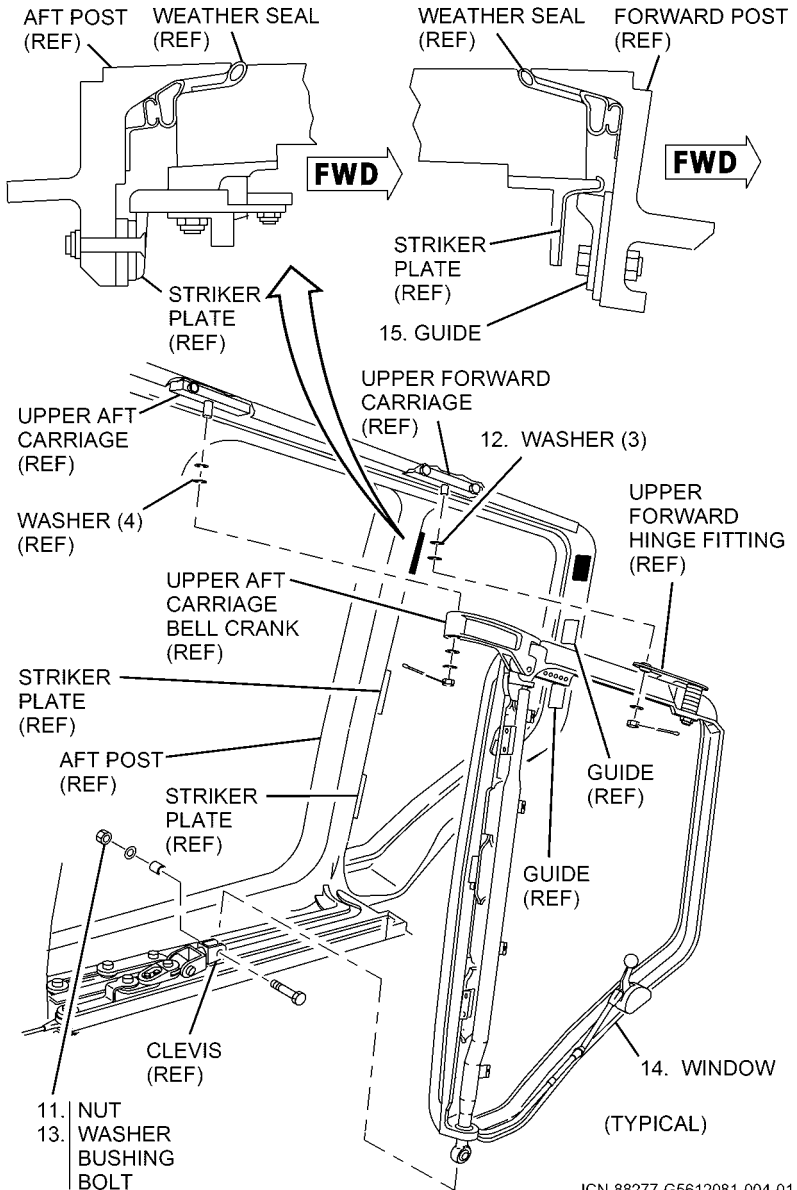
14. (A) Measure window alignment.

### NOTE

Moving the forward guides inboard will allow the window to move forward. Moving the guides outboard will arrest the window forward movement sooner. Using feeler gauge stops have maximum gap of 0.020 inch.

15. (A,B) Adjust the forward post guides to achieve equal amount of exposed weather seal at the outside forward and aft locations.





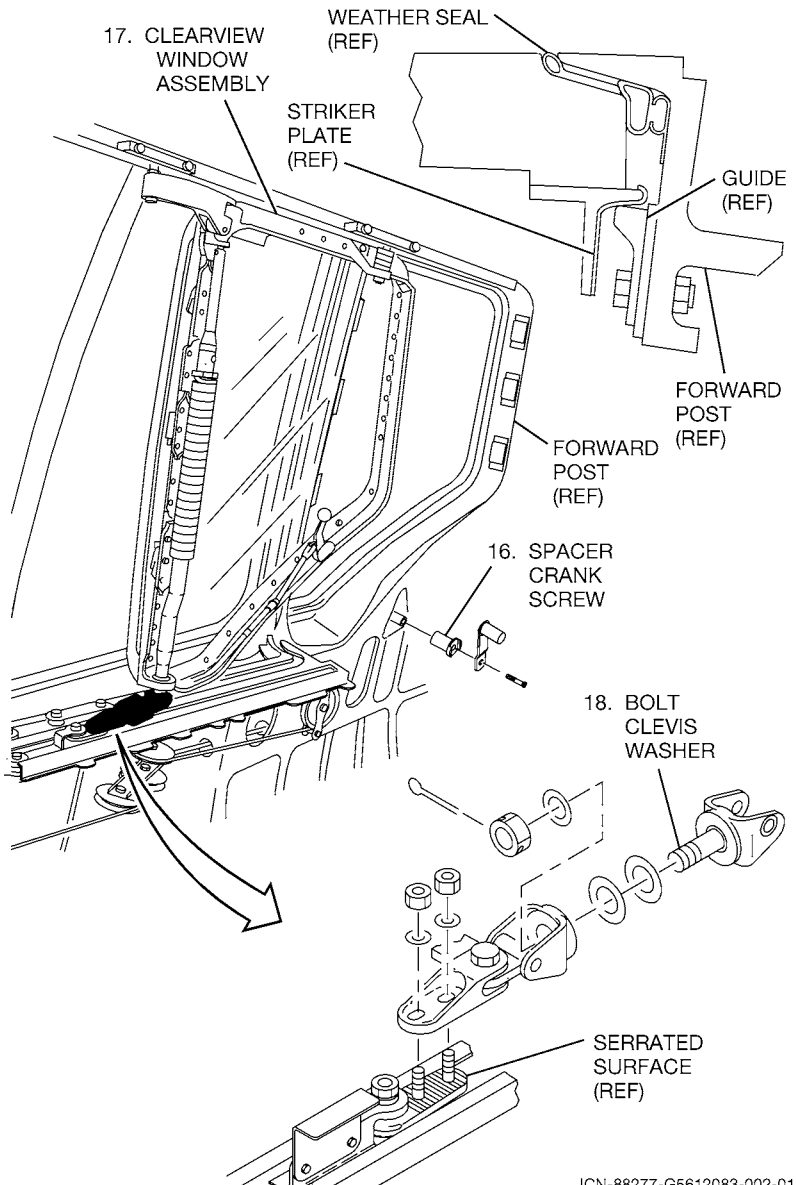
ICN-88277-G5612081-004-01

16. (A) Install spacer, crank, and screw.
17. (A) Crank clearview window assembly slowly closed, watch continuously for possible interference problems.
  - The striker plates on the window should now engage the guides on the forward post.
  - With the window closed but not latched, the window is centered in the opening.

**NOTE**

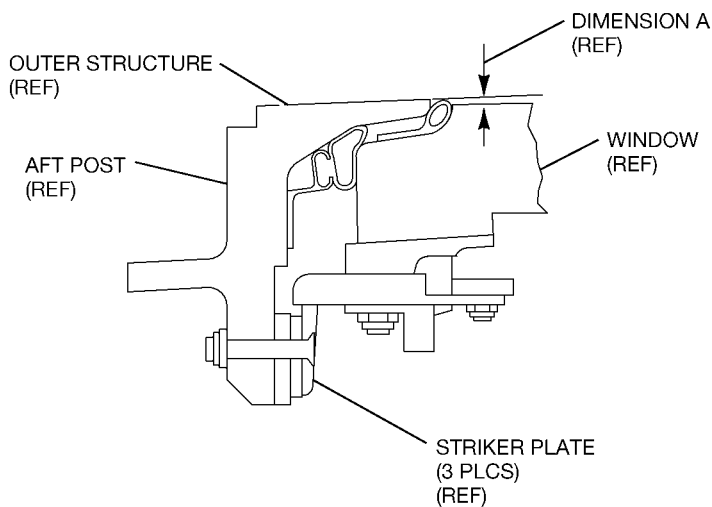
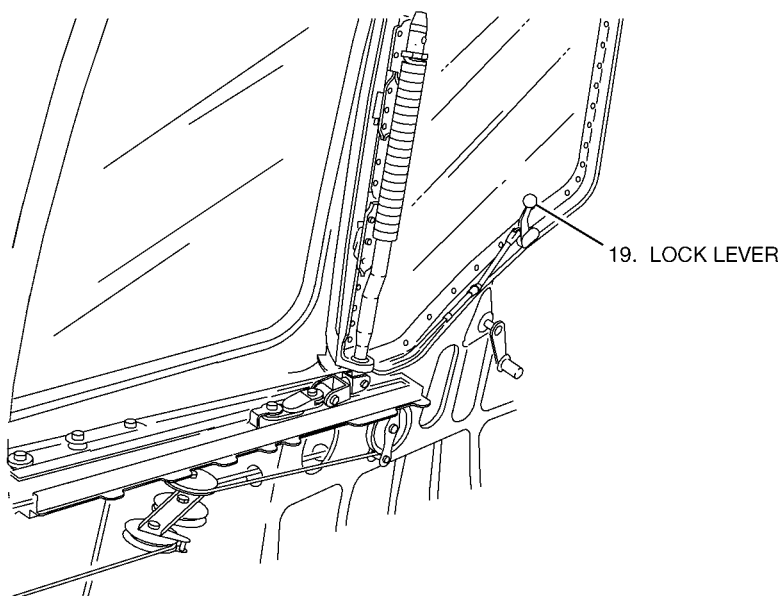
Excessive outboard pressure applied at the lower drive carriage may induce window twist causing poor seal contract. Insufficient outboard pressure applied at the lower drive carriage may restrain the window and cause poor seal contact.

18. (A) Adjust serrated surface, loosen bolt and reposition clevis, washers and adjust forward post if required, tighten bolt.
  - Equal amount of exposed weather seal at outside forward and aft is present.



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19. (A) Depress lock lever and rotate handle forward to latch window, adjust striker plates on aft post to obtain exterior dimension A.
  - Dimension A shall be 0.0-0.210 inch between window and outer structure.

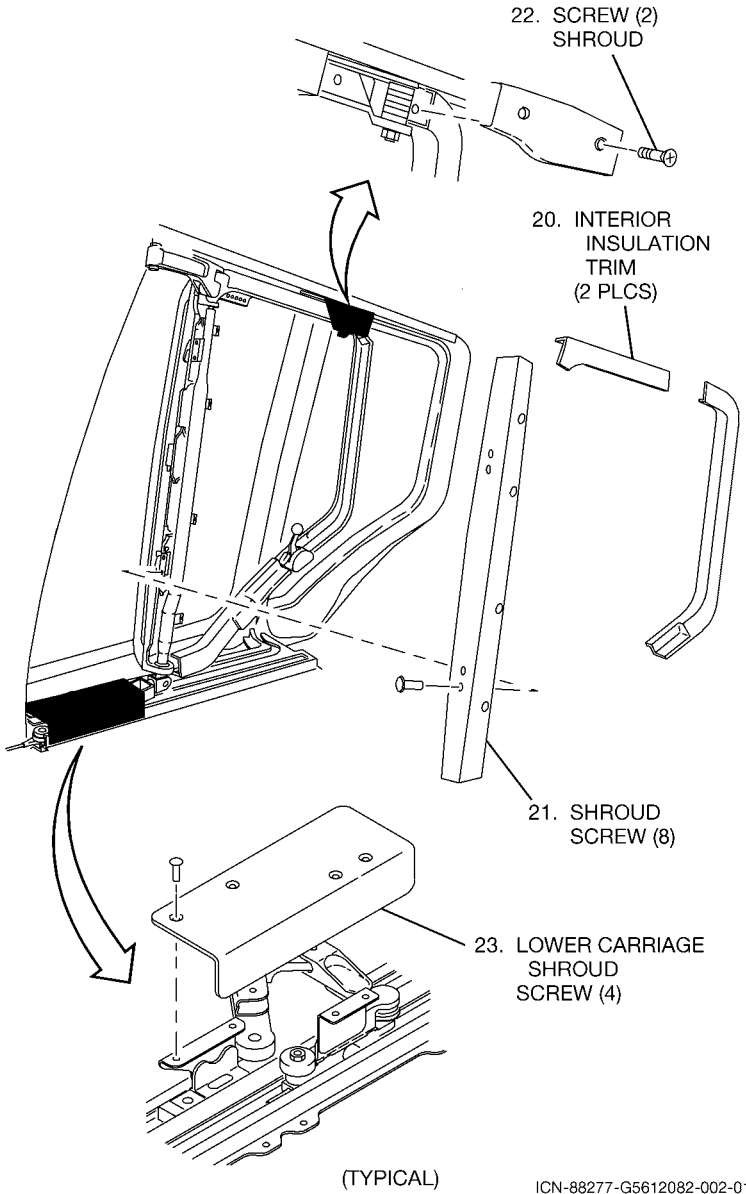


ICN-88277-G5612084-002-01

**NOTE**

Interior insulation trim is attached with velcro tape.

20. (A) Install interior insulation trim.
21. (A) Position shroud and install screw.
22. (A) Position shroud and install screw.
23. (A) Install lower carriage shroud and screws.



ICN-88277-G5612082-002-01





# **SLIDING CLEARVIEW WINDOW DRIVE ASSEMBLY (56-12-11)**

## **MASTER INPUT CONDITIONS:**

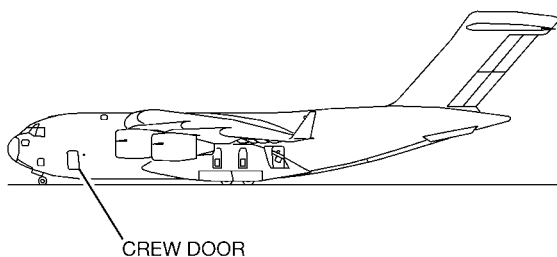
### **Reference designators:**

5612AA003	Pilot Sliding Clearview Window Drive Assembly
5612AA004	Copilot Sliding Clearview Window Drive Assembly

### **Applicable functions:**

- 2 Removal.
- 3 Installation.
- 4 Repair.

Access data:



COCKPIT LINING  
ASSEMBLY  
(213EZM)

COCKPIT LINING  
ASSEMBLY  
(214EZM)

5612AA003

5612AA004

COCKPIT LINING  
ASSEMBLY  
(213FZM)

COCKPIT LINING  
ASSEMBLY  
(214FZM)

ICN-88277-G5612010-002-01

# SLIDING CLEARVIEW WINDOW DRIVE ASSEMBLY REMOVAL (56-12-11-2)

## FUNCTIONAL INPUT CONDITIONS:

### Applicability:

#### Task

⟨BJ⟩ → ⟨GP⟩ ⟨GT⟩ ⟨GV⟩ → ⟨HA⟩ ⟨HC⟩ → ⟨HL⟩

2-1

⟨HP⟩ → ⟨HU⟩ ⟨HW⟩ ⟨HY⟩ ⟨JA⟩ → ⟨JT⟩ ⟨KA⟩ → ⟨KC⟩

⟨KG⟩ → ⟨KK⟩ ⟨KQ⟩ ⟨KR⟩ ⟨KT⟩ ⟨KU⟩ ⟨KW⟩ ⟨LB⟩ → ⟨LG⟩

⟨LJ⟩ → ⟨MB⟩ ⟨ME⟩ → ⟨MM⟩ BEFORE 2355

All

2-2

### Additional information:

This procedure consists of the following tasks:

2-1. Preparation.

2-2. Removal.

### NOTE

#### Task

This is a typical removal task for all sliding clearview window drive assemblies.

All

### Additional data:

#### Task

TO 1C-17A-2-33JG-10-3

2-2

### Personnel recommended:

#### Task

One

All

### Safety conditions:

#### Task

NA

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Support equipment:

<u>Nomenclature</u>	<u>PN</u>	<u>Specification</u>	<u>Qty</u>	<u>Task</u>
NA	--	--	--	--

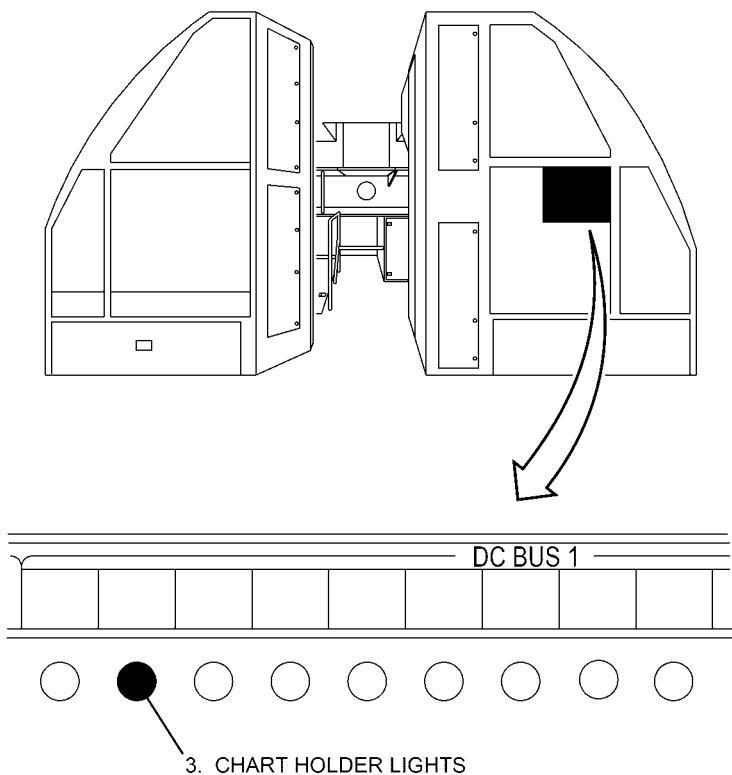
Supplies:

<u>Nomenclature</u>	<u>PN</u>	<u>Specification</u>	<u>Qty</u>	<u>Task</u>
Tag, Warning	--	--	1	2-1



## 2-1. PREPARATION.

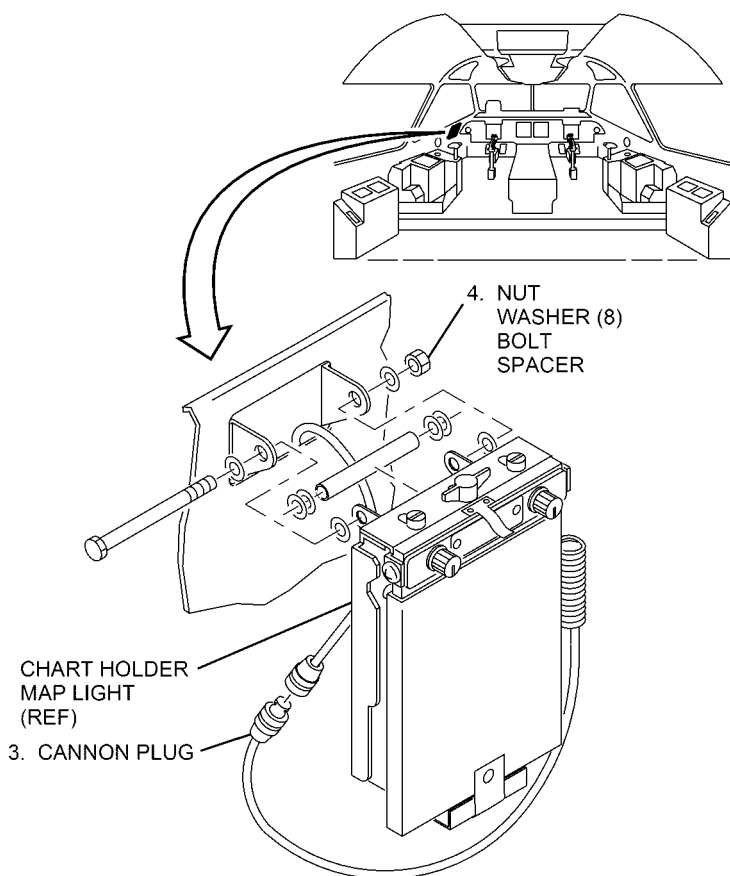
1. Review "Section 1 (General Information)" of this TO for system general warnings, cautions, and notes.
2. Review task "Functional Input Conditions" page for task specific safety conditions.
3. Open **CHART HOLDER LIGHTS** circuit breaker on Electrical Power Center (EPC), row **M**, column **54**, and attach warning tag.



## 2-2. REMOVAL.

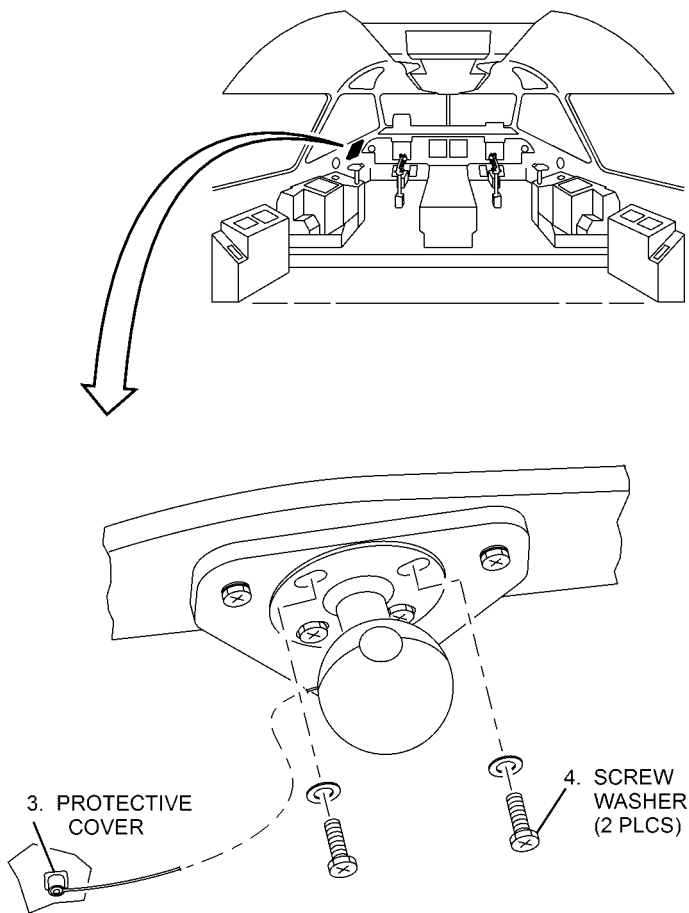
1. Review "Section 1 (General Information)" of this TO for system general warnings, cautions, and notes.
2. Review task "Functional Input Conditions" page for task specific safety conditions.
3.  $\langle \text{AA} \rangle \rightarrow \langle \text{BH} \rangle$  No action required.
3.  $\langle \text{BJ} \rangle \rightarrow \langle \text{GP} \rangle \langle \text{GT} \rangle \langle \text{GV} \rangle \rightarrow \langle \text{HA} \rangle \langle \text{HC} \rangle \rightarrow \langle \text{HL} \rangle \langle \text{HP} \rangle \rightarrow \langle \text{HU} \rangle$   
 $\langle \text{HW} \rangle \langle \text{HY} \rangle \langle \text{JA} \rangle \rightarrow \langle \text{JT} \rangle \langle \text{KA} \rangle \rightarrow \langle \text{KC} \rangle \langle \text{KG} \rangle \rightarrow \langle \text{KK} \rangle \langle \text{KQ} \rangle \langle \text{KR} \rangle$   
 $\langle \text{KT} \rangle \langle \text{KU} \rangle \langle \text{KW} \rangle \langle \text{LB} \rangle \rightarrow \langle \text{LG} \rangle \langle \text{LJ} \rangle \rightarrow \langle \text{MB} \rangle$   
 $\langle \text{ME} \rangle \rightarrow \langle \text{MM} \rangle$  BEFORE  $\boxed{2355}$   $\langle \text{GQ} \rangle \rightarrow \langle \text{GS} \rangle \langle \text{GU} \rangle \langle \text{HB} \rangle \langle \text{HM} \rangle \langle \text{HN} \rangle$   
 $\langle \text{HV} \rangle \langle \text{HX} \rangle \langle \text{HZ} \rangle \langle \text{JU} \rangle \rightarrow \langle \text{JZ} \rangle \langle \text{KD} \rangle \rightarrow \langle \text{KF} \rangle \langle \text{KL} \rangle \rightarrow \langle \text{KP} \rangle \langle \text{KS} \rangle$   
 $\langle \text{KV} \rangle \langle \text{KX} \rangle \rightarrow \langle \text{LA} \rangle \langle \text{LH} \rangle \langle \text{MC} \rangle \langle \text{MD} \rangle$  Disconnect cannon plug from chart holder map light.
3.  $\langle \text{BJ} \rangle \rightarrow \langle \text{GP} \rangle \langle \text{GT} \rangle \langle \text{GV} \rangle \rightarrow \langle \text{HA} \rangle \langle \text{HC} \rangle \rightarrow \langle \text{HL} \rangle \langle \text{HP} \rangle \rightarrow \langle \text{HU} \rangle$   
 $\langle \text{HW} \rangle \langle \text{HY} \rangle \langle \text{JA} \rangle \rightarrow \langle \text{JT} \rangle \langle \text{KA} \rangle \rightarrow \langle \text{KC} \rangle \langle \text{KG} \rangle \rightarrow \langle \text{KK} \rangle \langle \text{KQ} \rangle \langle \text{KR} \rangle$   
 $\langle \text{KT} \rangle \langle \text{KU} \rangle \langle \text{KW} \rangle \langle \text{LB} \rangle \rightarrow \langle \text{LG} \rangle \langle \text{LJ} \rangle \rightarrow \langle \text{MB} \rangle$   
 $\langle \text{ME} \rangle \rightarrow \langle \text{MM} \rangle$  AFTER  $\boxed{2355}$  Remove protective cover.
4.  $\langle \text{AA} \rangle \rightarrow \langle \text{BH} \rangle$  No action required.
4.  $\langle \text{BJ} \rangle \rightarrow \langle \text{GP} \rangle \langle \text{GT} \rangle \langle \text{GV} \rangle \rightarrow \langle \text{HA} \rangle \langle \text{HC} \rangle \rightarrow \langle \text{HL} \rangle \langle \text{HP} \rangle \rightarrow \langle \text{HU} \rangle$   
 $\langle \text{HW} \rangle \langle \text{HY} \rangle \langle \text{JA} \rangle \rightarrow \langle \text{JT} \rangle \langle \text{KA} \rangle \rightarrow \langle \text{KC} \rangle \langle \text{KG} \rangle \rightarrow \langle \text{KK} \rangle \langle \text{KQ} \rangle \langle \text{KR} \rangle$   
 $\langle \text{KT} \rangle \langle \text{KU} \rangle \langle \text{KW} \rangle \langle \text{LB} \rangle \rightarrow \langle \text{LG} \rangle \langle \text{LJ} \rangle \rightarrow \langle \text{MB} \rangle$   
 $\langle \text{ME} \rangle \rightarrow \langle \text{MM} \rangle$  BEFORE  $\boxed{2355}$   $\langle \text{GQ} \rangle \rightarrow \langle \text{GS} \rangle \langle \text{GU} \rangle \langle \text{HB} \rangle \langle \text{HM} \rangle \langle \text{HN} \rangle$   
 $\langle \text{HV} \rangle \langle \text{HX} \rangle \langle \text{HZ} \rangle \langle \text{JU} \rangle \rightarrow \langle \text{JZ} \rangle \langle \text{KD} \rangle \rightarrow \langle \text{KF} \rangle \langle \text{KL} \rangle \rightarrow \langle \text{KP} \rangle \langle \text{KS} \rangle$   
 $\langle \text{KV} \rangle \langle \text{KX} \rangle \rightarrow \langle \text{LA} \rangle \langle \text{LH} \rangle \langle \text{MC} \rangle \langle \text{MD} \rangle$  Identify and remove nut, washers, bolt, and spacer.
4.  $\langle \text{BJ} \rangle \rightarrow \langle \text{GP} \rangle \langle \text{GT} \rangle \langle \text{GV} \rangle \rightarrow \langle \text{HA} \rangle \langle \text{HC} \rangle \rightarrow \langle \text{HL} \rangle \langle \text{HP} \rangle \rightarrow \langle \text{HU} \rangle$   
 $\langle \text{HW} \rangle \langle \text{HY} \rangle \langle \text{JA} \rangle \rightarrow \langle \text{JT} \rangle \langle \text{KA} \rangle \rightarrow \langle \text{KC} \rangle \langle \text{KG} \rangle \rightarrow \langle \text{KK} \rangle \langle \text{KQ} \rangle \langle \text{KR} \rangle$   
 $\langle \text{KT} \rangle \langle \text{KU} \rangle \langle \text{KW} \rangle \langle \text{LB} \rangle \rightarrow \langle \text{LG} \rangle \langle \text{LJ} \rangle \rightarrow \langle \text{MB} \rangle$   
 $\langle \text{ME} \rangle \rightarrow \langle \text{MM} \rangle$  AFTER  $\boxed{2355}$  Remove screws and washers.





BJ	→	GP	GT	GV	→	HA	HC	→	HL	HP	→	HU	HW	HY
JA	→	JT	KA	→	KC	KG	→	KK	KQ	KR	→	KT	KU	KW
LB	→	LG	LJ	→	MB	ME	→	MM	BEFORE	2355				
GQ	→	GS	GU	HB	HM	HN	→	HV	HX	HZ	→	JU	→	JZ
KD	→	KF	KL	→	KP	KS	→	KV	KX	→	LA	LH	MC	MD

ICN-88277-G5612109-001-01



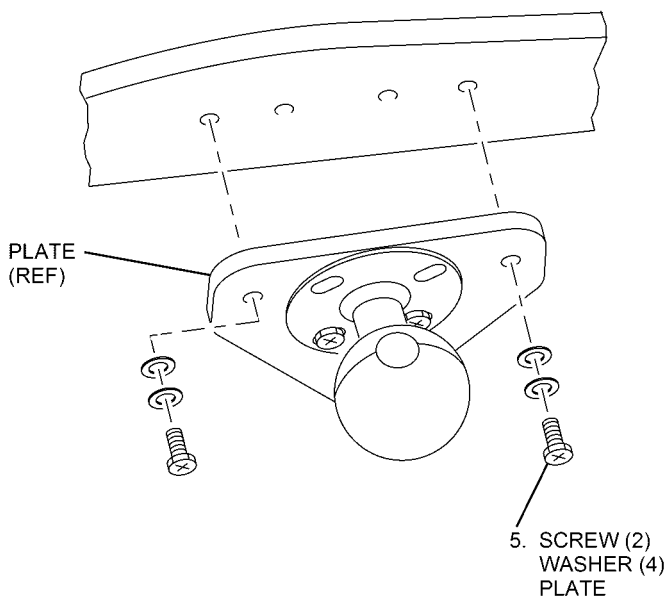
BJ → GP GT GV → HA HC → HL HP → HU HW HY  
JA → JT KA → KC KG → KK KQ KR KT KU KW  
LB → LG LJ → MB ME → MM AFTER 2355

ICN-88277-G5612110-001-01



5.  $\langle \text{BJ} \rangle \rightarrow \langle \text{GP} \rangle \langle \text{GT} \rangle \langle \text{GV} \rangle \rightarrow \langle \text{HA} \rangle \langle \text{HC} \rangle \rightarrow \langle \text{HL} \rangle \langle \text{HP} \rangle \rightarrow \langle \text{HU} \rangle$   
 $\langle \text{HW} \rangle \langle \text{HY} \rangle \langle \text{JA} \rangle \rightarrow \langle \text{JT} \rangle \langle \text{KA} \rangle \rightarrow \langle \text{KC} \rangle \langle \text{KG} \rangle \rightarrow \langle \text{KK} \rangle \langle \text{KQ} \rangle \langle \text{KR} \rangle$   
 $\langle \text{KT} \rangle \langle \text{KU} \rangle \langle \text{KW} \rangle \langle \text{LB} \rangle \rightarrow \langle \text{LG} \rangle \langle \text{LJ} \rangle \rightarrow \langle \text{MB} \rangle$   
 $\langle \text{ME} \rangle \rightarrow \langle \text{MM} \rangle$  BEFORE  $\boxed{2355}$   $\langle \text{AA} \rangle \rightarrow \langle \text{BH} \rangle \langle \text{GQ} \rangle \rightarrow \langle \text{GS} \rangle \langle \text{GU} \rangle$   
 $\langle \text{HB} \rangle \langle \text{HM} \rangle \langle \text{HN} \rangle \langle \text{HV} \rangle \langle \text{HX} \rangle \langle \text{HZ} \rangle \langle \text{JU} \rangle \rightarrow \langle \text{JZ} \rangle \langle \text{KD} \rangle \rightarrow \langle \text{KF} \rangle$   
 $\langle \text{KL} \rangle \rightarrow \langle \text{KP} \rangle \langle \text{KS} \rangle \langle \text{KV} \rangle \langle \text{KX} \rangle \rightarrow \langle \text{LA} \rangle \langle \text{LH} \rangle \langle \text{MC} \rangle \langle \text{MD} \rangle$  No action  
 required.

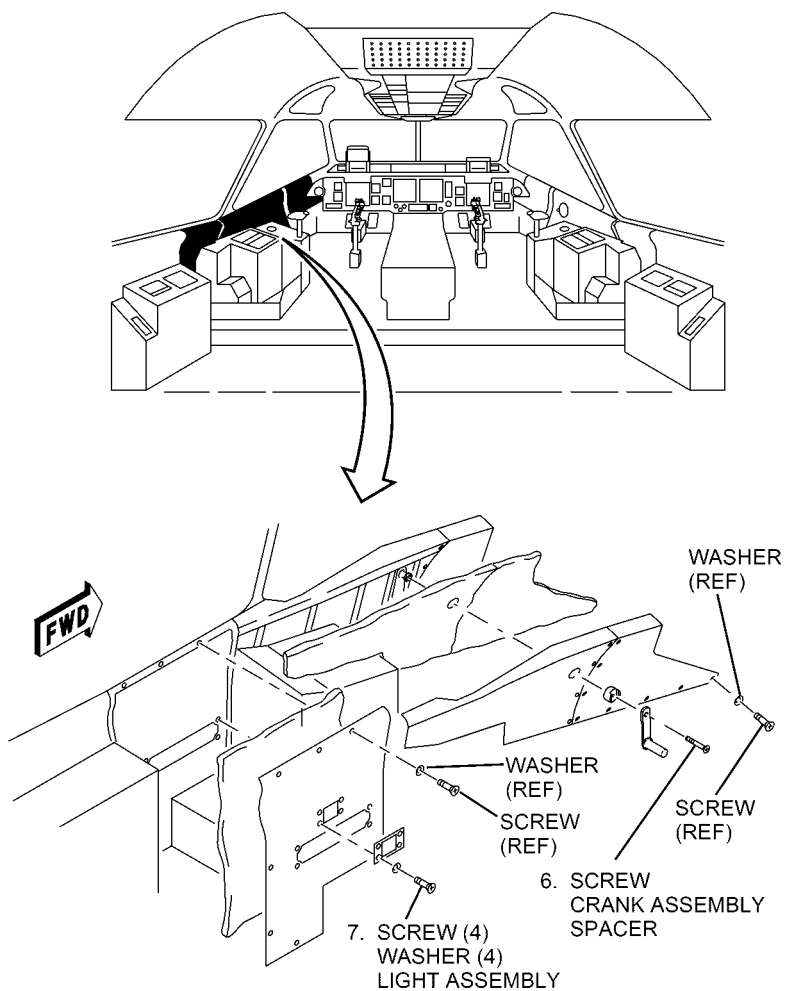
5.  $\langle \text{BJ} \rangle \rightarrow \langle \text{GP} \rangle \langle \text{GT} \rangle \langle \text{GV} \rangle \rightarrow \langle \text{HA} \rangle \langle \text{HC} \rangle \rightarrow \langle \text{HL} \rangle \langle \text{HP} \rangle \rightarrow \langle \text{HU} \rangle$   
 $\langle \text{HW} \rangle \langle \text{HY} \rangle \langle \text{JA} \rangle \rightarrow \langle \text{JT} \rangle \langle \text{KA} \rangle \rightarrow \langle \text{KC} \rangle \langle \text{KG} \rangle \rightarrow \langle \text{KK} \rangle \langle \text{KQ} \rangle \langle \text{KR} \rangle$   
 $\langle \text{KT} \rangle \langle \text{KU} \rangle \langle \text{KW} \rangle \langle \text{LB} \rangle \rightarrow \langle \text{LG} \rangle \langle \text{LJ} \rangle \rightarrow \langle \text{MB} \rangle$   
 $\langle \text{ME} \rangle \rightarrow \langle \text{MM} \rangle$  AFTER  $\boxed{2355}$  Remove screws, washers, and plate.



BJ → GP GT GV → HA HC → HL HP → HU HW HY  
 JA → JT KA → KC KG → KK KQ KR KT KU KW  
 LB → LG LJ → MB ME → MM AFTER 2355

## **TO 1C-17A-2-56JG-10-1**

6. Remove screw, crank assembly, and spacer.
7. Remove screws, washers, and light assembly.



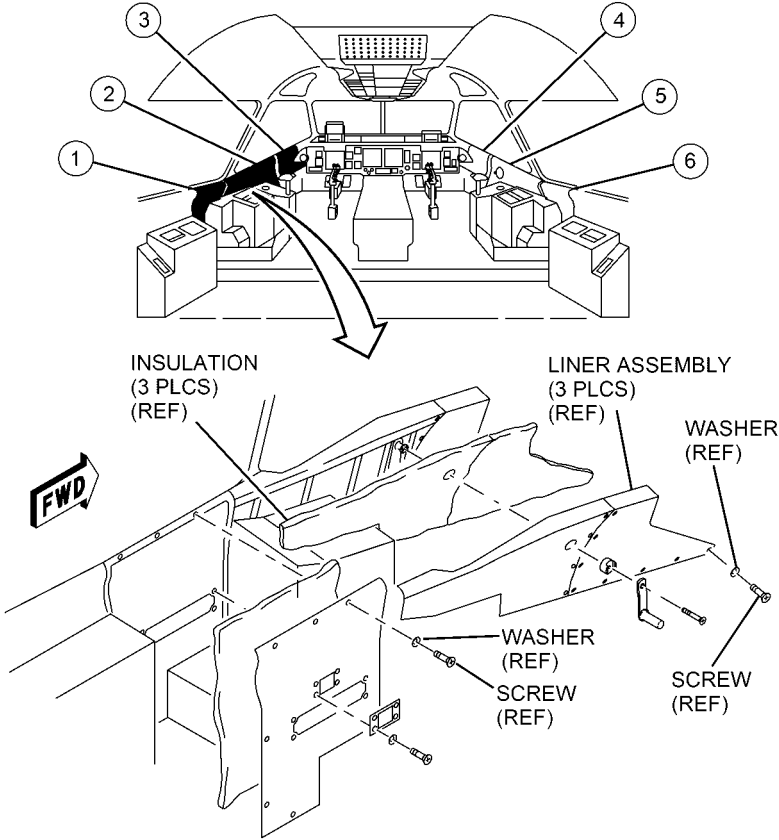
(TYPICAL)

ICN-88277-G5612112-001-01

## TO 1C-17A-2-56JG-10-1

8. Remove thunderstorm instrument panel flood cockpit light (33-12-16).
9.  $\langle \text{AA} \rangle \rightarrow \langle \text{BB} \rangle$  Remove screws, washers, liner assemblies, and insulation.





9. —

DRIVE ASSEMBLY REF DES	INDEX NO.	LINER NO.	SCREW QTY.	WASHER QTY.
5612AA003	1	213FZM	6	6
	2	213EZM	4	4
	3	213MZM	9	9
5612AA004	4	214PZM	9	9
	5	214EZM	4	4
	6	214FZM	6	6

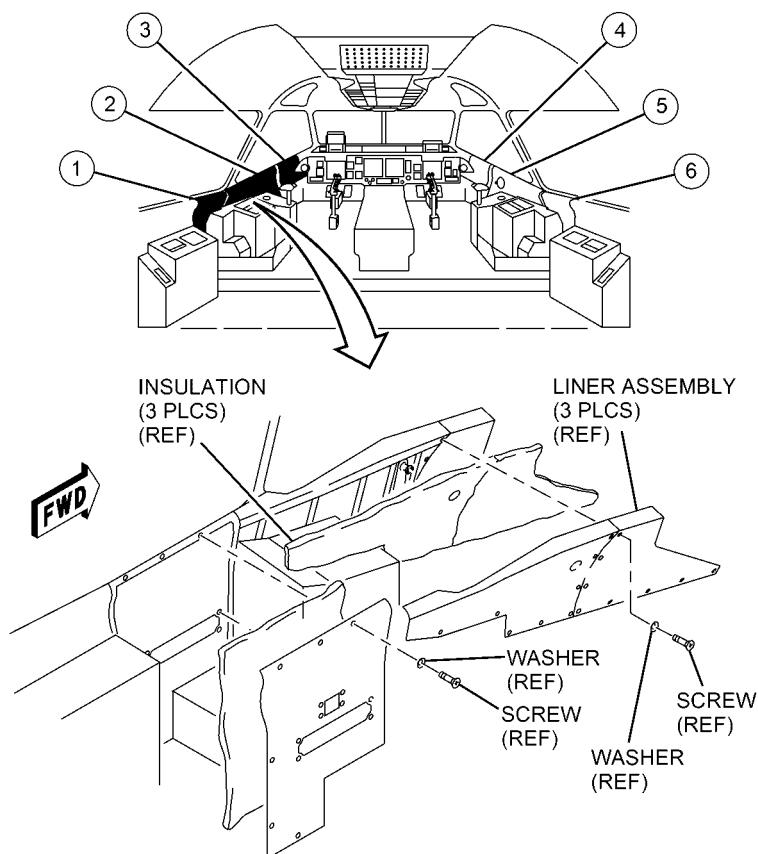


(TYPICAL)

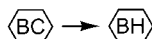
ICN-88277-G5612141-001-01

## TO 1C-17A-2-56JG-10-1

9.  $\langle \text{BC} \rangle \rightarrow \langle \text{BH} \rangle$  Remove screws, washers, liner assemblies, and insulation.



9. — DRIVE ASSEMBLY REF DES	INDEX NO.	LINER NO.	SCREW QTY.	WASHER QTY.
5612AA003	1	213FZM	6	6
	2	213EZM	8	8
	3	213MZM	9	9
5612AA004	4	214PZM	9	9
	5	214EZM	8	8
	6	214FZM	6	6



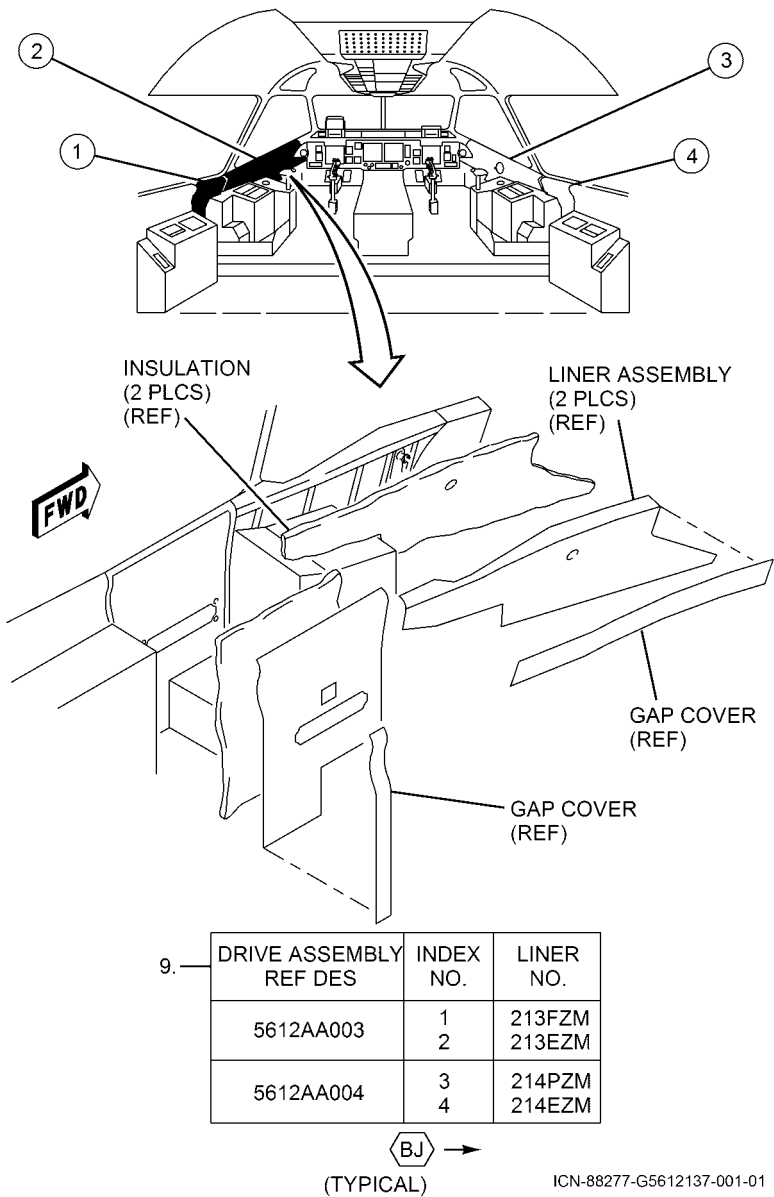
(TYPICAL)

ICN-88277-G5612113-001-01

**NOTE**

⬡BJ⬡ → Gap covers and liner assemblies are attached with velcro tape.

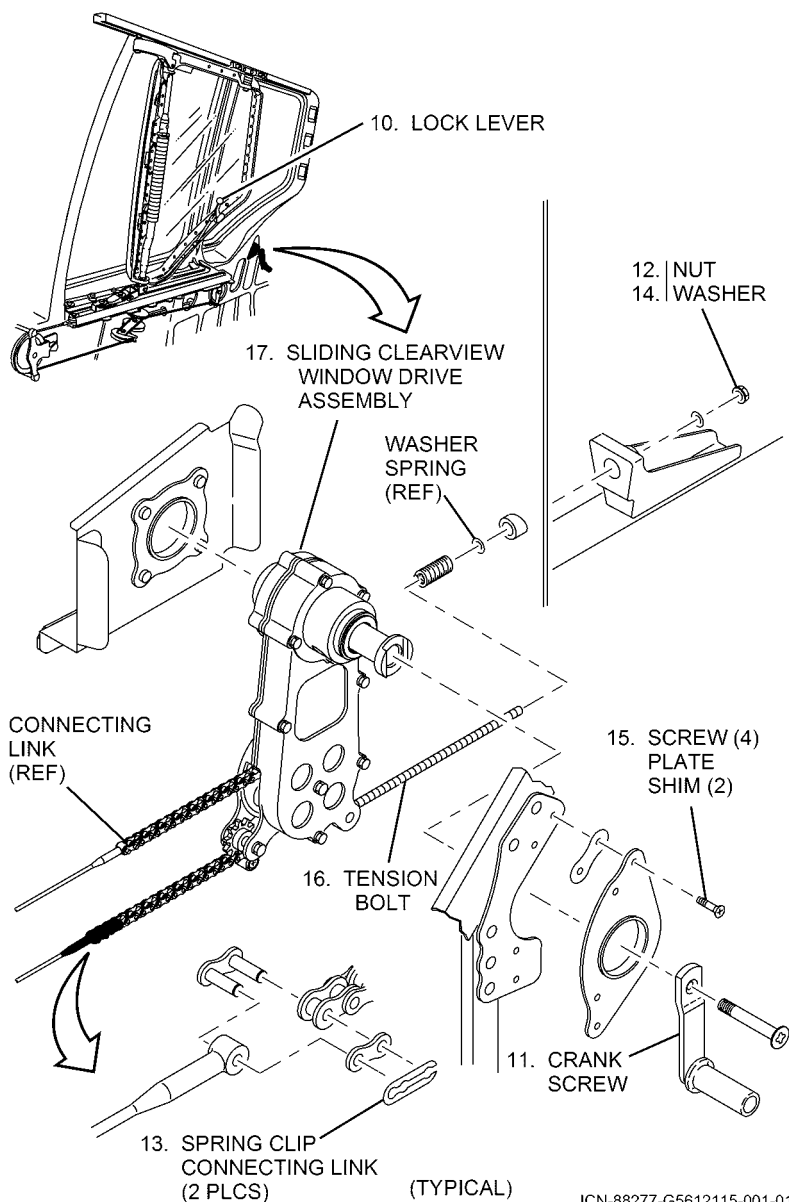
9. ⬡BJ⬡ → Identify and remove gap covers, liner assemblies, and insulation.



ICN-88277-G5612137-001-01

## **TO 1C-17A-2-56JG-10-1**

10. Move lock lever to unlock sliding clearview window panel assembly.
11. Loosely install crank and screw to open window and position connecting links; remove screw and crank.
12. Loosen nut to release tension on cable and chain assembly.
13. Remove spring clips and connecting links.
14. Remove nut and washer from tension bolt.
15. Remove screws, plate, and shims.
16. Remove tension bolt, washer, and spring from drive assembly.
17. Slide sliding clearview window drive assembly forward and out.







# SLIDING CLEARVIEW WINDOW DRIVE ASSEMBLY INSTALLATION (56-12-11-3)

## FUNCTIONAL INPUT CONDITIONS:

### Applicability:

	Task
All	3-1
$\langle \text{BJ} \rangle \rightarrow \langle \text{GP} \rangle \langle \text{GT} \rangle \langle \text{GV} \rangle \rightarrow \langle \text{HA} \rangle \langle \text{HC} \rangle \rightarrow \langle \text{HL} \rangle$ $\langle \text{HP} \rangle \rightarrow \langle \text{HU} \rangle \langle \text{HW} \rangle \langle \text{HY} \rangle \langle \text{JA} \rangle \rightarrow \langle \text{JT} \rangle \langle \text{KA} \rangle \rightarrow \langle \text{KC} \rangle$ $\langle \text{KG} \rangle \rightarrow \langle \text{KK} \rangle \langle \text{KQ} \rangle \langle \text{KR} \rangle \langle \text{KT} \rangle \langle \text{KU} \rangle \langle \text{KW} \rangle \langle \text{LB} \rangle \rightarrow \langle \text{LG} \rangle$ $\langle \text{LJ} \rangle \rightarrow \langle \text{MB} \rangle \langle \text{ME} \rangle \rightarrow \langle \text{MM} \rangle$ BEFORE <span style="border: 1px solid black; padding: 0 2px;">2355</span>	3-2

### Additional information:

This procedure consists of the following tasks:

- 3-1. Installation.
- 3-2. Follow-on maintenance.

### NOTE

This is a typical installation task for all sliding clearview window drive assemblies.

### Additional data:

TO 1C-17A-2-33JG-10-3

### Personnel recommended:

One

### Safety conditions:

NA

Task

All

Task

3-1

Task

All

Task

--

Support equipment:

<u>Nomenclature</u>	<u>PN</u>	<u>Specification</u>	<u>Qty</u>	<u>Task</u>
Tensiometer (Primary)	T5-2004-113-00	--	1	3-1
Tensiometer (Alternate)	ACX-100	--	1	3-1

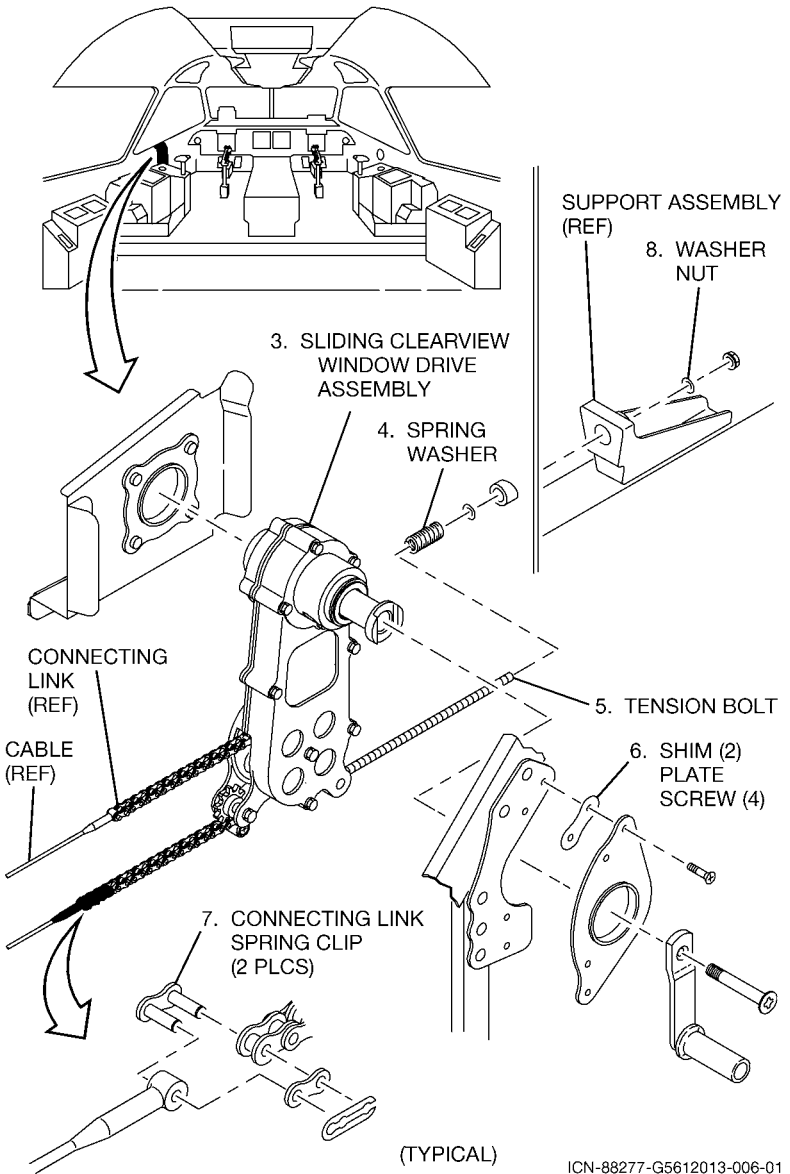
Supplies:

<u>Nomenclature</u>	<u>PN</u>	<u>Specification</u>	<u>Qty</u>	<u>Task</u>
NA	--	--	--	--



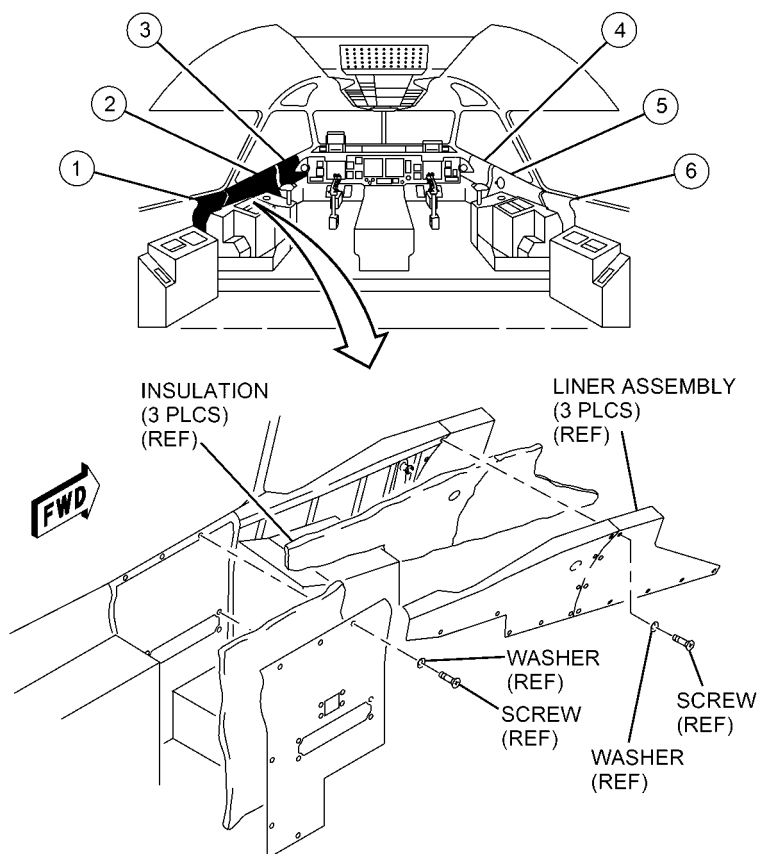
## **3-1. INSTALLATION.**

1. Review "Section 1 (General Information)" of this TO for system general warnings, cautions, and notes.
2. Review task "Functional Input Conditions" page for task specific safety conditions.
3. Position sliding clearview window drive assembly.
4. Install spring and washer on tension bolt.
5. Position tension bolt through support assembly.
6. Install shims, plate, and screws.
7. Install connecting links and spring clips.
8. Install washer and nut; adjust cable tension **15-25 lb.**



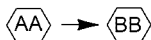
## TO 1C-17A-2-56JG-10-1

9.  $\langle \text{AA} \rangle \rightarrow \langle \text{BB} \rangle$  Install insulation, liner assemblies, washers, and screws.



9. —

DRIVE ASSEMBLY REF DES	INDEX NO.	LINER NO.	SCREW QTY.	WASHER QTY.
5612AA003	1	213FZM	6	6
	2	213EZM	4	4
	3	213MZM	9	9
5612AA004	4	214PZM	9	9
	5	214EZM	4	4
	6	214FZM	6	6



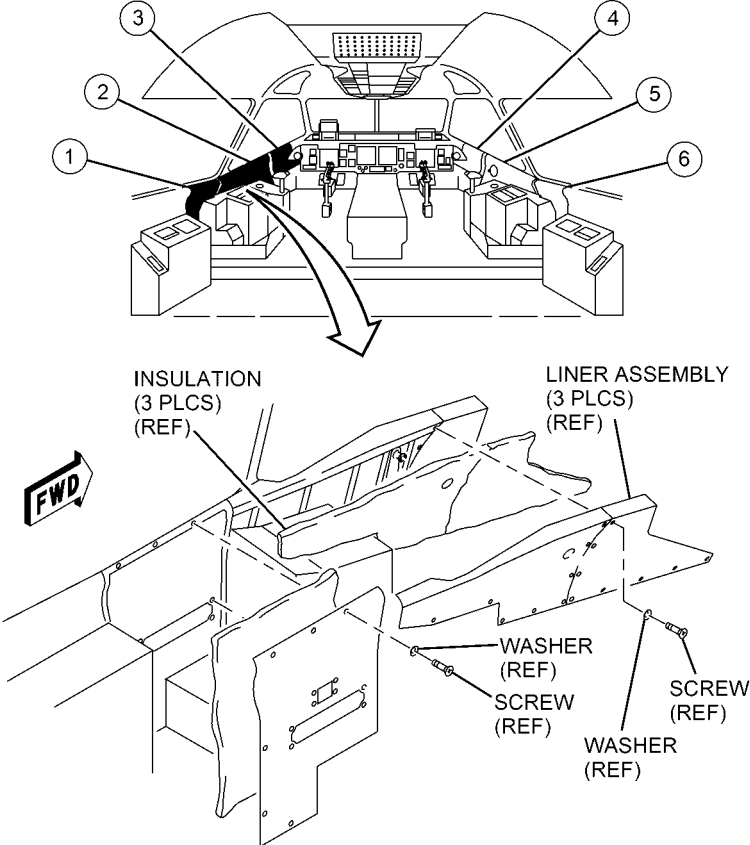
(TYPICAL)

ICN-88277-G5612116-001-01

## TO 1C-17A-2-56JG-10-1

9.  $\langle \overline{BC} \rangle \rightarrow \langle \overline{BH} \rangle$  Position insulation and liner assemblies; install washers, and screws.





9. —

DRIVE ASSEMBLY REF DES	INDEX NO.	LINER NO.	SCREW QTY.	WASHER QTY.
5612AA003	1	213FZM	6	6
	2	213EZM	8	8
	3	213MZM	9	9
5612AA004	4	214PZM	9	9
	5	214EZM	8	8
	6	214FZM	6	6



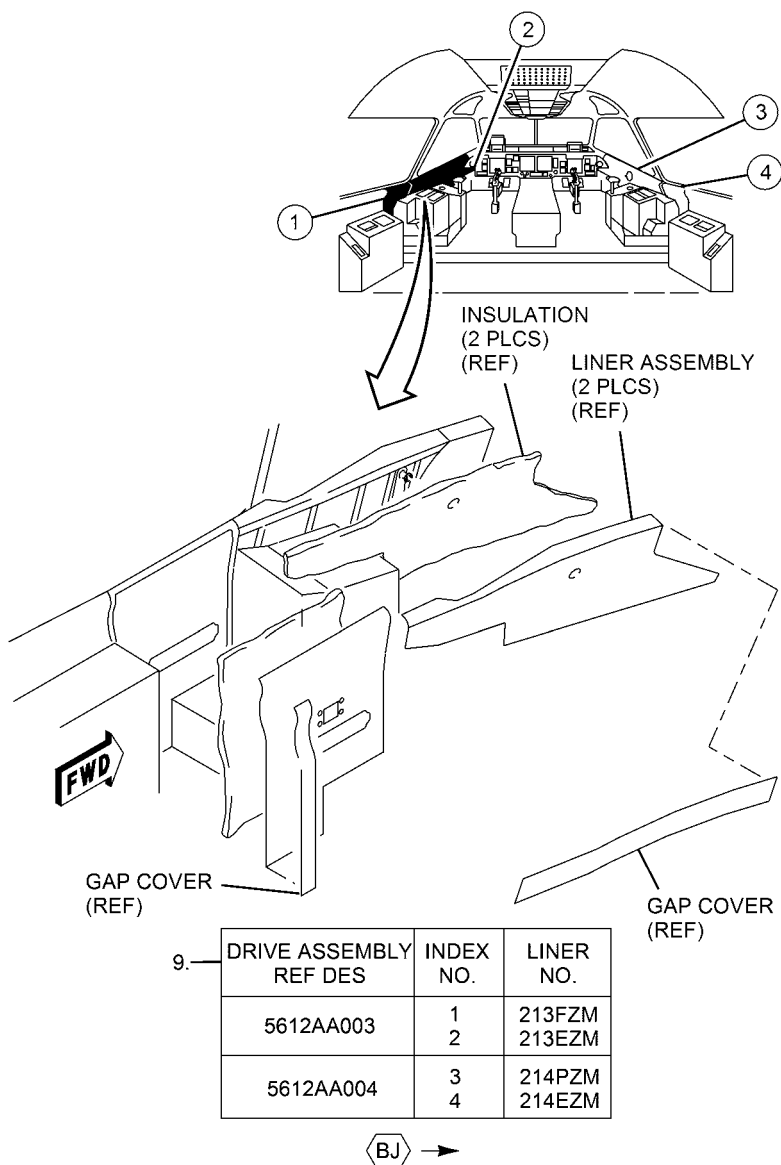
(TYPICAL)

ICN-88277-G5612117-001-01

**NOTE**

⟨BJ⟩ → Gap covers and liner assemblies are attached with velcro tape.

9. ⟨BJ⟩ → Install insulation, liner assemblies, and gap covers as identified.
10. Install thunderstorm instrument panel flood cockpit light (33-12-16).

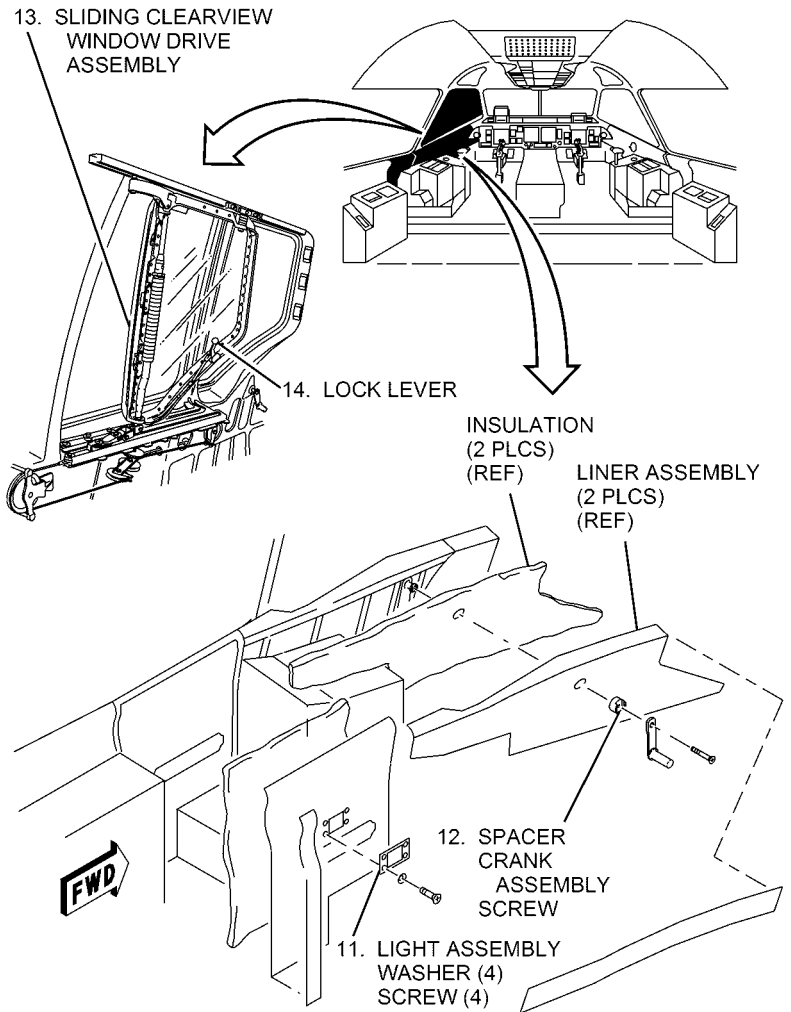


(TYPICAL)

ICN-88277-G5612118-001-01

## **TO 1C-17A-2-56JG-10-1**

11. Install light assembly, washers, and screws.
12. Install spacer, crank assembly, and screw.
13. Close sliding clearview window drive assembly.
14. Move lock lever to lock window.

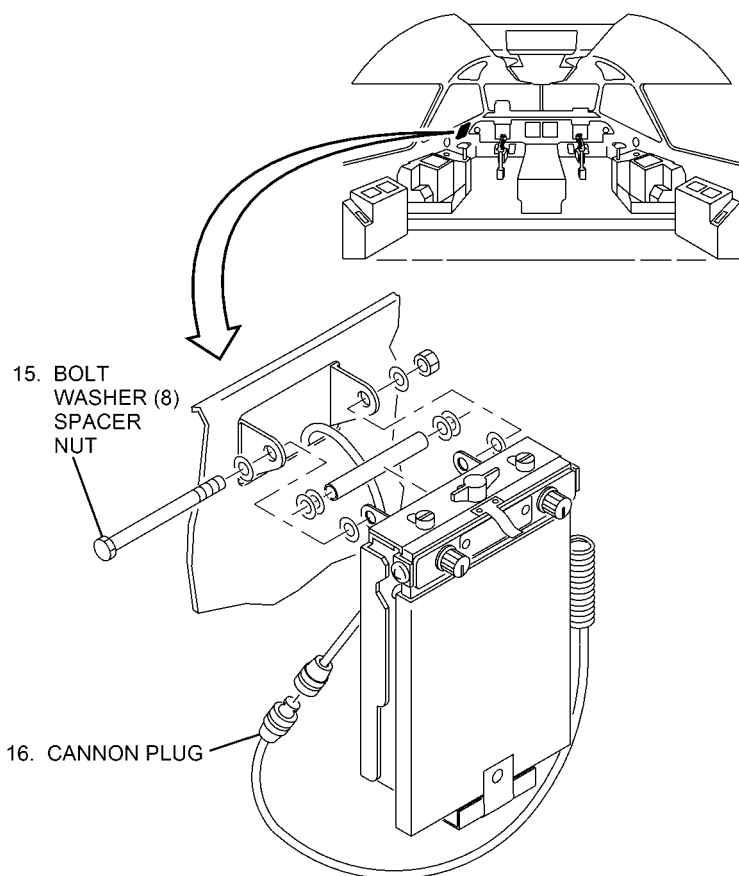


(TYPICAL)

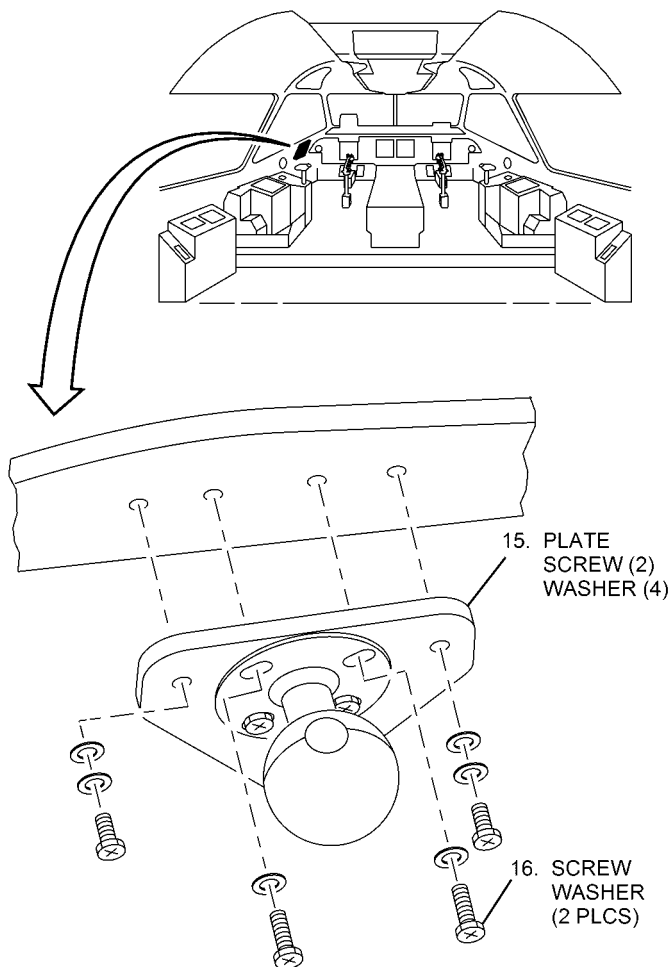
ICN-88277-G5612142-001-01

**TO 1C-17A-2-56JG-10-1**

15. **AA** → **BH** No action required.
15. **BJ** → **GP** **GT** **GV** → **HA** **HC** → **HL** **HP** → **HU**  
**HW** **HY** **JA** → **JT** **KA** → **KC** **KG** → **KK** **KQ** **KR**  
**KT** **KU** **KW** **LB** → **LG** **LJ** → **MB**  
**ME** → **MM** BEFORE **2355** **GQ** → **GS** **GU** **HB** **HM** **HN**  
**HV** **HX** **HZ** **JU** → **JZ** **KD** → **KF** **KL** → **KP** **KS**  
**KV** **KX** → **LA** **LH** **MC** **MD** Install bolt, washers, spacer,  
and nut as identified.
15. **BJ** → **GP** **GT** **GV** → **HA** **HC** → **HL** **HP** → **HU**  
**HW** **HY** **JA** → **JT** **KA** → **KC** **KG** → **KK** **KQ** **KR**  
**KT** **KU** **KW** **LB** → **LG** **LJ** → **MB**  
**ME** → **MM** AFTER **2355** Position plate and install screws and  
washers.
16. **AA** → **BH** No action required.
16. **BJ** → **GP** **GT** **GV** → **HA** **HC** → **HL** **HP** → **HU**  
**HW** **HY** **JA** → **JT** **KA** → **KC** **KG** → **KK** **KQ** **KR**  
**KT** **KU** **KW** **LB** → **LG** **LJ** → **MB**  
**ME** → **MM** BEFORE **2355** **GQ** → **GS** **GU** **HB** **HM** **HN**  
**HV** **HX** **HZ** **JU** → **JZ** **KD** → **KF** **KL** → **KP** **KS**  
**KV** **KX** → **LA** **LH** **MC** **MD** Connect cannon plug.
16. **BJ** → **GP** **GT** **GV** → **HA** **HC** → **HL** **HP** → **HU**  
**HW** **HY** **JA** → **JT** **KA** → **KC** **KG** → **KK** **KQ** **KR**  
**KT** **KU** **KW** **LB** → **LG** **LJ** → **MB**  
**ME** → **MM** AFTER **2355** Install screws and washers.



BJ	→	GP	GT	GV	→	HA	HC	→	HL	HP	→	HU	HW	HY
JA	→	JT	KA	→	KC	KG	→	KK	KQ	KR	→	KT	KU	KW
LB	→	LG	LJ	→	MB	ME	→	MM	BEFORE	2355				
GQ	→	GS	GU	HB	HM	HN	HV	HX	HZ	JU	→	JZ		
KD	→	KF	KL	→	KP	KS	KV	KX	→	LA	LH	MC	MD	



BJ	→	GP	GT	GV	→	HA	HC	→	HL	HP	→	HU	HW	HY
JA	→	JT	KA	→	KC	KG	→	KK	KQ	KR	→	KT	KU	KW
LB	→	LG	LJ	→	MB	ME	→	MM	AFTER	2355				

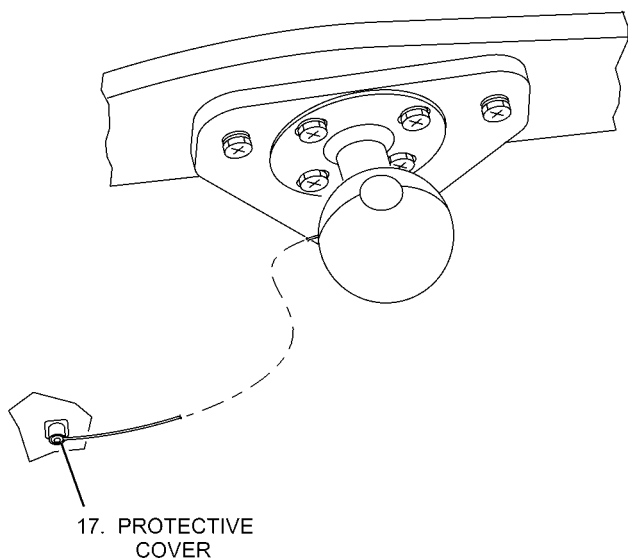




## TO 1C-17A-2-56JG-10-1

17.  $\langle \text{BJ} \rangle \rightarrow \langle \text{GP} \rangle \langle \text{GT} \rangle \langle \text{GV} \rangle \rightarrow \langle \text{HA} \rangle \langle \text{HC} \rangle \rightarrow \langle \text{HL} \rangle \langle \text{HP} \rangle \rightarrow \langle \text{HU} \rangle$   
 $\langle \text{HW} \rangle \langle \text{HY} \rangle \langle \text{JA} \rangle \rightarrow \langle \text{JT} \rangle \langle \text{KA} \rangle \rightarrow \langle \text{KC} \rangle \langle \text{KG} \rangle \rightarrow \langle \text{KK} \rangle \langle \text{KQ} \rangle \langle \text{KR} \rangle$   
 $\langle \text{KT} \rangle \langle \text{KU} \rangle \langle \text{KW} \rangle \langle \text{LB} \rangle \rightarrow \langle \text{LG} \rangle \langle \text{LJ} \rangle \rightarrow \langle \text{MB} \rangle$   
 $\langle \text{ME} \rangle \rightarrow \langle \text{MM} \rangle$  BEFORE [2355]  $\langle \text{AA} \rangle \rightarrow \langle \text{BH} \rangle \langle \text{GQ} \rangle \rightarrow \langle \text{GS} \rangle \langle \text{GU} \rangle$   
 $\langle \text{HB} \rangle \langle \text{HM} \rangle \langle \text{HN} \rangle \langle \text{HV} \rangle \langle \text{HX} \rangle \langle \text{HZ} \rangle \langle \text{JU} \rangle \rightarrow \langle \text{JZ} \rangle \langle \text{KD} \rangle \rightarrow \langle \text{KF} \rangle$   
 $\langle \text{KL} \rangle \rightarrow \langle \text{KP} \rangle \langle \text{KS} \rangle \langle \text{KV} \rangle \langle \text{KX} \rangle \rightarrow \langle \text{LA} \rangle \langle \text{LH} \rangle \langle \text{MC} \rangle \langle \text{MD} \rangle$  No action required.

17.  $\langle \text{BJ} \rangle \rightarrow \langle \text{GP} \rangle \langle \text{GT} \rangle \langle \text{GV} \rangle \rightarrow \langle \text{HA} \rangle \langle \text{HC} \rangle \rightarrow \langle \text{HL} \rangle \langle \text{HP} \rangle \rightarrow \langle \text{HU} \rangle$   
 $\langle \text{HW} \rangle \langle \text{HY} \rangle \langle \text{JA} \rangle \rightarrow \langle \text{JT} \rangle \langle \text{KA} \rangle \rightarrow \langle \text{KC} \rangle \langle \text{KG} \rangle \rightarrow \langle \text{KK} \rangle \langle \text{KQ} \rangle \langle \text{KR} \rangle$   
 $\langle \text{KT} \rangle \langle \text{KU} \rangle \langle \text{KW} \rangle \langle \text{LB} \rangle \rightarrow \langle \text{LG} \rangle \langle \text{LJ} \rangle \rightarrow \langle \text{MB} \rangle$   
 $\langle \text{ME} \rangle \rightarrow \langle \text{MM} \rangle$  AFTER [2355] Install protective cover.

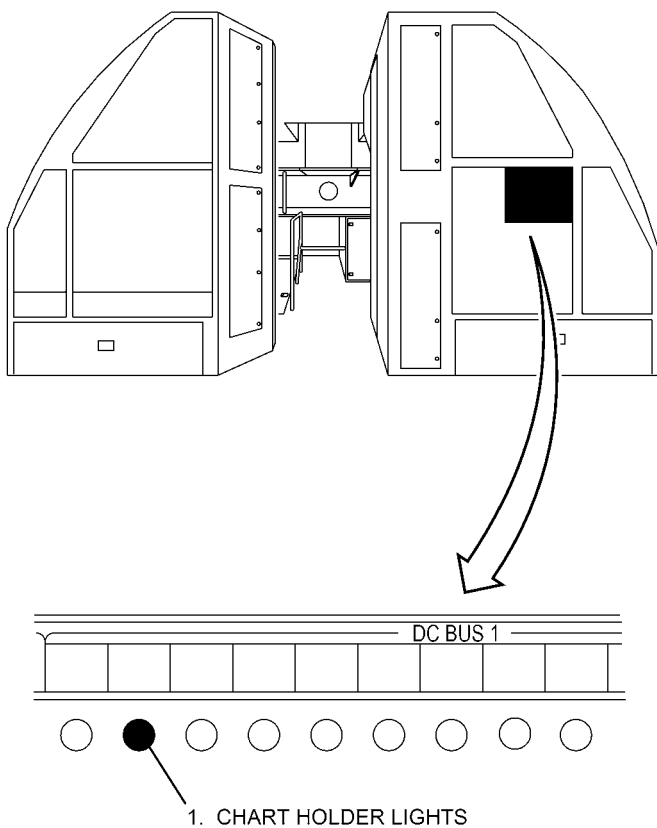


BJ → GP GT GV → HA HC → HL HP → HU HW HY  
 JA → JT KA → KC KG → KK KQ KR KT KU KW  
 LB → LG LJ → MB ME → MM AFTER 2355

ICN-88277-G5612121-001-01

## **3-2. FOLLOW-ON MAINTENANCE.**

1. Remove warning tag and close **CHART HOLDER LIGHTS** circuit breaker on Electrical Power Center (EPC), row **M**, column **54**.



ICN-88277-G5612138-001-01



# SLIDING CLEARVIEW WINDOW DRIVE ASSEMBLY REPAIR (56-12-11-4)

## FUNCTIONAL INPUT CONDITIONS:

### Applicability:

All

Task

All

### Additional information:

This procedure consists of the following task:

- 4-1. Repair sliding clearview window drive assembly by replacing crank mechanism roller chain.

### NOTE

This is a typical repair task for replacing all crank mechanism roller chains.

Task

All

### Additional data:

TO 1C-17A-2-33JG-10-3

Task

All

### Personnel recommended:

One

Task

All

### Safety conditions:

NA

Task

--

Support equipment:

<u>Nomenclature</u>	<u>PN</u>	<u>Specification</u>	<u>Qty</u>	<u>Task</u>
Tensiometer (Primary)	T5-2004-113-00	--	1	All
Tensiometer (Alternate)	102-03108	--	1	All



## Supplies:

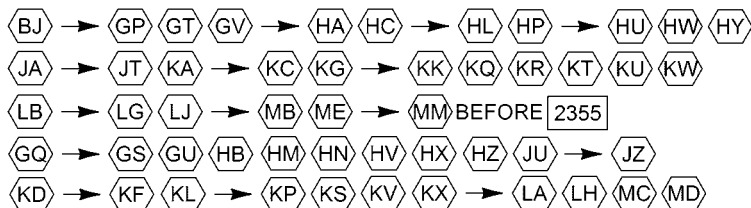
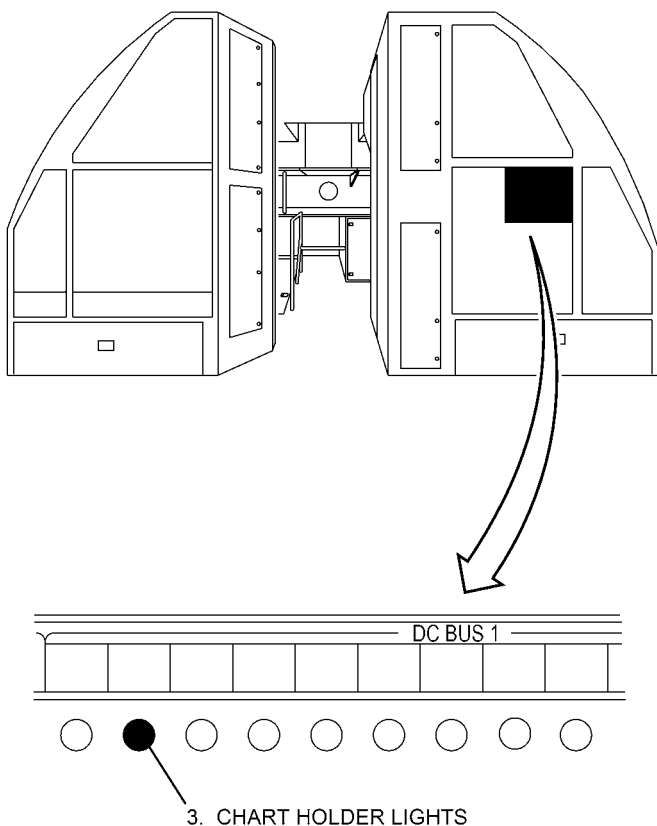
<u>Nomenclature</u>	<u>PN</u>	<u>Specification</u>	<u>Qty</u>	<u>Task</u>
Tag, Warning <BJ> → <GP> <GT> <GV> → <HA> <HC> → <HL> <HP> → <HU> <HW> <HY> <JA> → <JT> <KA> → <KC> <KG> → <KK> <KQ> <KR> <KT> <KU> <KW> <LB> → <LG> <LJ> → <MB> <ME> → <MM> BEFORE 2355 <GQ> → <GS> <GU> <HB> <HM> <HN> <HV> <HX> <HZ> <JU> → <JZ> <KD> → <KF> <KL> → <KP> <KS> <KV> <KX> → <LA> <LH> <MC> <MD>	--	--	1	All

## 4-1. REPAIR SLIDING CLEARVIEW WINDOW DRIVE ASSEMBLY BY REPLACING CRANK MECHANISM ROLLER CHAIN.

1. Review "Section 1 (General Information)" of this TO for system general warnings, cautions, and notes.
2. Review task "Functional Input Conditions" page for task specific safety conditions.
3. 

$\langle \text{BJ} \rangle \rightarrow \langle \text{GP} \rangle \langle \text{GT} \rangle \langle \text{GV} \rangle \rightarrow \langle \text{HA} \rangle \langle \text{HC} \rangle \rightarrow \langle \text{HL} \rangle \langle \text{HP} \rangle \rightarrow \langle \text{HU} \rangle$   
 $\langle \text{HW} \rangle \langle \text{HY} \rangle \langle \text{JA} \rangle \rightarrow \langle \text{JT} \rangle \langle \text{KA} \rangle \rightarrow \langle \text{KC} \rangle \langle \text{KG} \rangle \rightarrow \langle \text{KK} \rangle \langle \text{KQ} \rangle \langle \text{KR} \rangle$   
 $\langle \text{KT} \rangle \langle \text{KU} \rangle \langle \text{KW} \rangle \langle \text{LB} \rangle \rightarrow \langle \text{LG} \rangle \langle \text{LJ} \rangle \rightarrow \langle \text{MB} \rangle$   
 $\langle \text{ME} \rangle \rightarrow \langle \text{MM} \rangle$  BEFORE  $\boxed{2355}$   $\langle \text{GQ} \rangle \rightarrow \langle \text{GS} \rangle \langle \text{GU} \rangle \langle \text{HB} \rangle \langle \text{HM} \rangle \langle \text{HN} \rangle$   
 $\langle \text{HV} \rangle \langle \text{HX} \rangle \langle \text{HZ} \rangle \langle \text{JU} \rangle \rightarrow \langle \text{JZ} \rangle \langle \text{KD} \rangle \rightarrow \langle \text{KF} \rangle \langle \text{KL} \rangle \rightarrow \langle \text{KP} \rangle \langle \text{KS} \rangle$   
 $\langle \text{KV} \rangle \langle \text{KX} \rangle \rightarrow \langle \text{LA} \rangle \langle \text{LH} \rangle \langle \text{MC} \rangle \langle \text{MD} \rangle$  Open **CHART HOLDER LIGHTS** circuit breaker on electrical power center, row **M**, column **54**, and attach warning tag.
3. 

$\langle \text{BJ} \rangle \rightarrow \langle \text{GP} \rangle \langle \text{GT} \rangle \langle \text{GV} \rangle \rightarrow \langle \text{HA} \rangle \langle \text{HC} \rangle \rightarrow \langle \text{HL} \rangle \langle \text{HP} \rangle \rightarrow \langle \text{HU} \rangle$   
 $\langle \text{HW} \rangle \langle \text{HY} \rangle \langle \text{JA} \rangle \rightarrow \langle \text{JT} \rangle \langle \text{KA} \rangle \rightarrow \langle \text{KC} \rangle \langle \text{KG} \rangle \rightarrow \langle \text{KK} \rangle \langle \text{KQ} \rangle \langle \text{KR} \rangle$   
 $\langle \text{KT} \rangle \langle \text{KU} \rangle \langle \text{KW} \rangle \langle \text{LB} \rangle \rightarrow \langle \text{LG} \rangle \langle \text{LJ} \rangle \rightarrow \langle \text{MB} \rangle$   
 $\langle \text{ME} \rangle \rightarrow \langle \text{MM} \rangle$  AFTER  $\boxed{2355}$   $\langle \text{AA} \rangle \rightarrow \langle \text{BH} \rangle$  No action required.



ICN-88277-G5612122-001-01

## TO 1C-17A-2-56JG-10-1

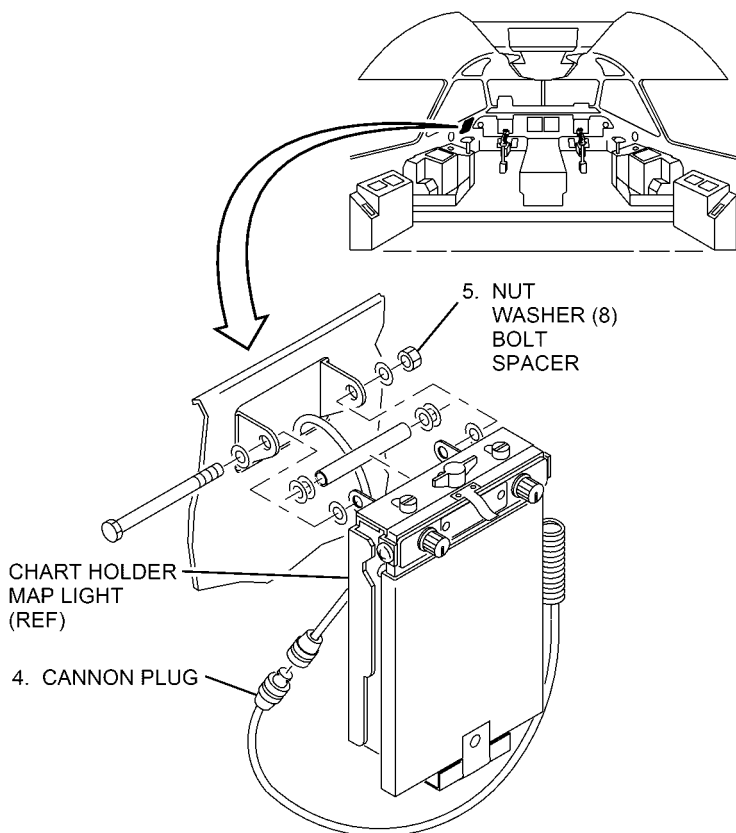
4. **AA** → **BH** No action required.
4. **BJ** → **GP** **GT** **GV** → **HA** **HC** → **HL** **HP** → **HU**  
**HW** **HY** **JA** → **JT** **KA** → **KC** **KG** → **KK** **KQ** **KR**  
**KT** **KU** **KW** **LB** → **LG** **LJ** → **MB**  
**ME** → **MM** BEFORE **2355** **GQ** → **GS** **GU** **HB** **HM** **HN**  
**HV** **HX** **HZ** **JU** → **JZ** **KD** → **KF** **KL** → **KP** **KS**  
**KV** **KX** → **LA** **LH** **MC** **MD** Disconnect cannon plug from chart holder map light.

4. **BJ** → **GP** **GT** **GV** → **HA** **HC** → **HL** **HP** → **HU**  
**HW** **HY** **JA** → **JT** **KA** → **KC** **KG** → **KK** **KQ** **KR**  
**KT** **KU** **KW** **LB** → **LG** **LJ** → **MB**  
**ME** → **MM** AFTER **2355** Remove protective cover.

5. **AA** → **BH** No action required.

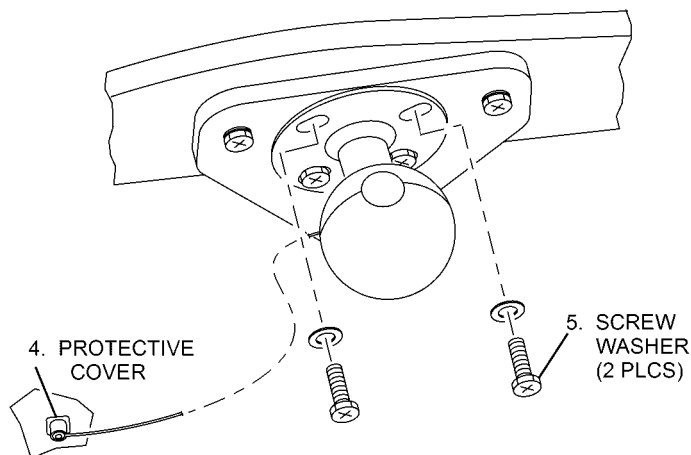
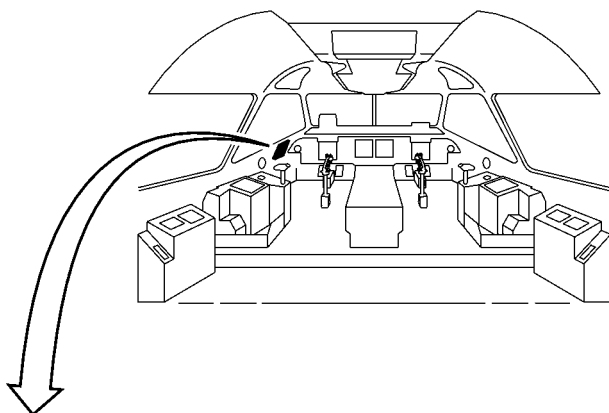
5. **BJ** → **GP** **GT** **GV** → **HA** **HC** → **HL** **HP** → **HU**  
**HW** **HY** **JA** → **JT** **KA** → **KC** **KG** → **KK** **KQ** **KR**  
**KT** **KU** **KW** **LB** → **LG** **LJ** → **MB**  
**ME** → **MM** BEFORE **2355** **GQ** → **GS** **GU** **HB** **HM** **HN**  
**HV** **HX** **HZ** **JU** → **JZ** **KD** → **KF** **KL** → **KP** **KS**  
**KV** **KX** → **LA** **LH** **MC** **MD** Identify and remove nut, washers, bolt, and spacer.

5. **BJ** → **GP** **GT** **GV** → **HA** **HC** → **HL** **HP** → **HU**  
**HW** **HY** **JA** → **JT** **KA** → **KC** **KG** → **KK** **KQ** **KR**  
**KT** **KU** **KW** **LB** → **LG** **LJ** → **MB**  
**ME** → **MM** AFTER **2355** Remove screws and washers.



BJ	→	GP	GT	GV	→	HA	HC	→	HL	HP	→	HU	HW	HY
JA	→	JT	KA	→	KC	KG	→	KK	KQ	KR	→	KT	KU	KW
LB	→	LG	LJ	→	MB	ME	→	MM	BEFORE	2355				
GQ	→	GS	GU	HB	HM	HN	HV	HX	HZ	JU	→	JZ		
KD	→	KF	KL	→	KP	KS	KV	KX	→	LA	LH	MC	MD	

ICN-88277-G5612123-001-01



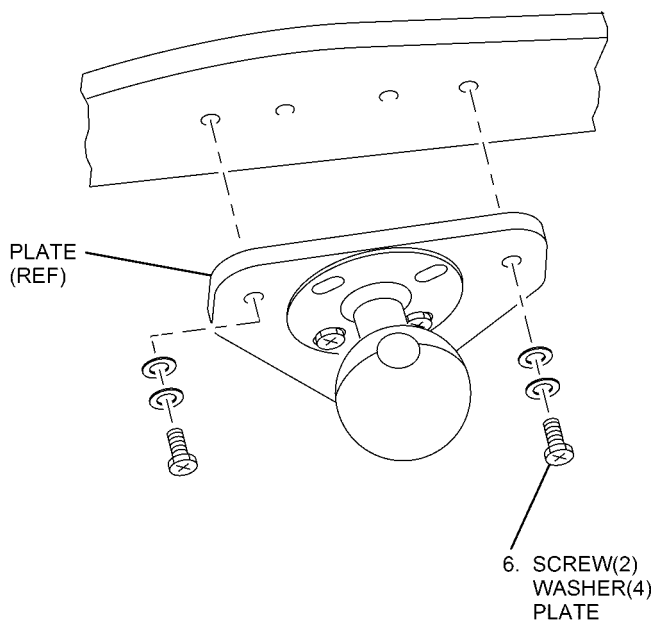
BJ → GP GT GV → HA HC → HL HP → HU HW HY  
 JA → JT KA → KC KG → KK KQ KR KT KU KW  
 LB → LG LJ → MB ME → MM AFTER 2355



6.  $\langle \text{BJ} \rangle \rightarrow \langle \text{GP} \rangle \langle \text{GT} \rangle \langle \text{GV} \rangle \rightarrow \langle \text{HA} \rangle \langle \text{HC} \rangle \rightarrow \langle \text{HL} \rangle \langle \text{HP} \rangle \rightarrow \langle \text{HU} \rangle$   
 $\langle \text{HW} \rangle \langle \text{HY} \rangle \langle \text{JA} \rangle \rightarrow \langle \text{JT} \rangle \langle \text{KA} \rangle \rightarrow \langle \text{KC} \rangle \langle \text{KG} \rangle \rightarrow \langle \text{KK} \rangle \langle \text{KQ} \rangle \langle \text{KR} \rangle$   
 $\langle \text{KT} \rangle \langle \text{KU} \rangle \langle \text{KW} \rangle \langle \text{LB} \rangle \rightarrow \langle \text{LG} \rangle \langle \text{LJ} \rangle \rightarrow \langle \text{MB} \rangle$   
 $\langle \text{ME} \rangle \rightarrow \langle \text{MM} \rangle$  BEFORE  $\boxed{2355}$   $\langle \text{AA} \rangle \rightarrow \langle \text{BH} \rangle \langle \text{GQ} \rangle \rightarrow \langle \text{GS} \rangle \langle \text{GU} \rangle$   
 $\langle \text{HB} \rangle \langle \text{HM} \rangle \langle \text{HN} \rangle \langle \text{HV} \rangle \langle \text{HX} \rangle \langle \text{HZ} \rangle \langle \text{JU} \rangle \rightarrow \langle \text{JZ} \rangle \langle \text{KD} \rangle \rightarrow \langle \text{KF} \rangle$   
 $\langle \text{KL} \rangle \rightarrow \langle \text{KP} \rangle \langle \text{KS} \rangle \langle \text{KV} \rangle \langle \text{KX} \rangle \rightarrow \langle \text{LA} \rangle \langle \text{LH} \rangle \langle \text{MC} \rangle \langle \text{MD} \rangle$  No action  
 required.

6.  $\langle \text{BJ} \rangle \rightarrow \langle \text{GP} \rangle \langle \text{GT} \rangle \langle \text{GV} \rangle \rightarrow \langle \text{HA} \rangle \langle \text{HC} \rangle \rightarrow \langle \text{HL} \rangle \langle \text{HP} \rangle \rightarrow \langle \text{HU} \rangle$   
 $\langle \text{HW} \rangle \langle \text{HY} \rangle \langle \text{JA} \rangle \rightarrow \langle \text{JT} \rangle \langle \text{KA} \rangle \rightarrow \langle \text{KC} \rangle \langle \text{KG} \rangle \rightarrow \langle \text{KK} \rangle \langle \text{KQ} \rangle \langle \text{KR} \rangle$   
 $\langle \text{KT} \rangle \langle \text{KU} \rangle \langle \text{KW} \rangle \langle \text{LB} \rangle \rightarrow \langle \text{LG} \rangle \langle \text{LJ} \rangle \rightarrow \langle \text{MB} \rangle$   
 $\langle \text{ME} \rangle \rightarrow \langle \text{MM} \rangle$  AFTER  $\boxed{2355}$  Remove screws, washers, and plate.



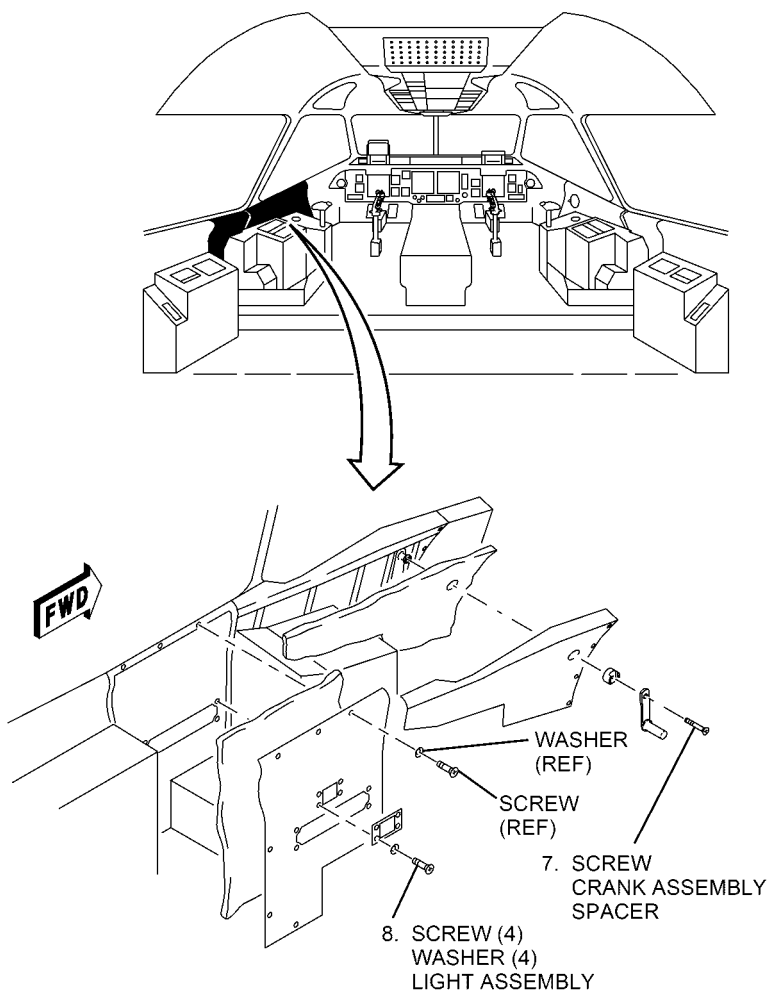


BJ	→	GP	GT	GV	→	HA	HC	→	HL	HP	→	HU	HW	HY
JA	→	JT	KA	→	KC	KG	→	KK	KQ	KR	→	KT	KU	KW
LB	→	LG	LJ	→	MB	ME	→	MM	AFTER 2355					

ICN-88277-G5612106-001-01

## **TO 1C-17A-2-56JG-10-1**

7. Remove screw, crank assembly, and spacer.
8. Remove screws, washers, and light assembly.

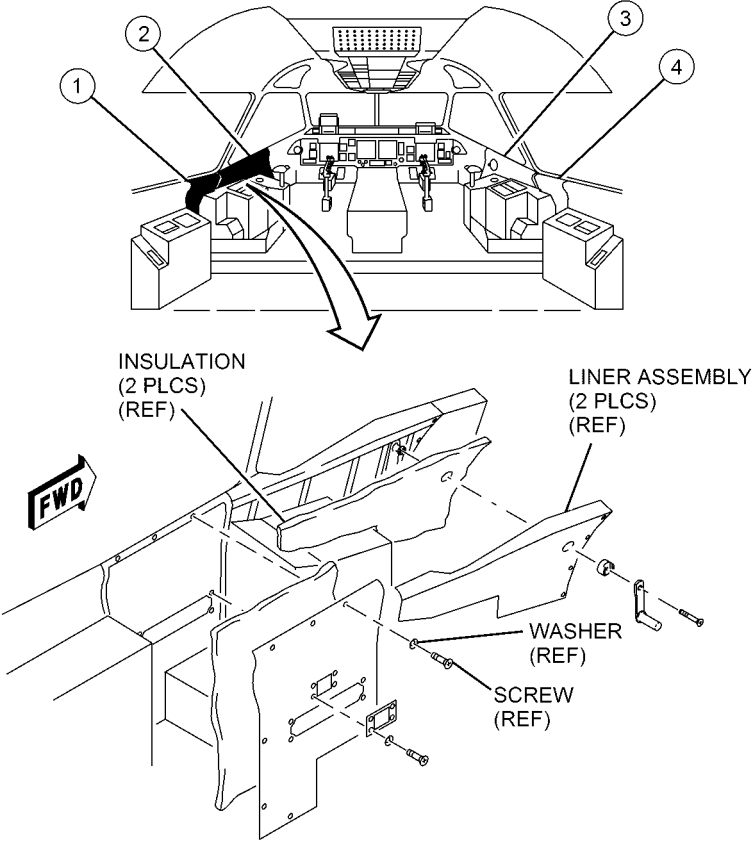


(TYPICAL)

ICN-88277-G5612125-001-01

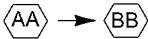
## TO 1C-17A-2-56JG-10-1

9. Remove thunderstorm instrument panel flood cockpit light (33-12-16).
10. AA → BB Remove screws, washers, liner assemblies, and insulation.



10. —

DRIVE ASSEMBLY REF DES	INDEX NO.	LINER NO.	SCREW QTY.	WASHER QTY.
5612AA003	1	213FZM	6	6
	2	213EZM	4	4
5612AA004	3	214EZM	4	4
	4	214FZM	6	6

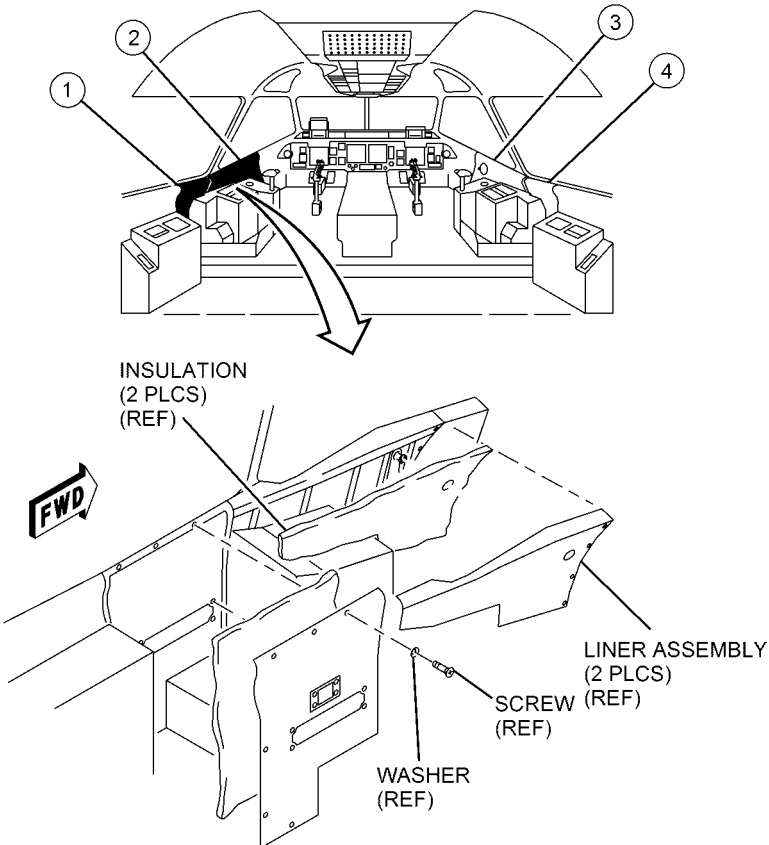


(TYPICAL)

ICN-88277-G5612143-001-01

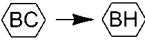
## TO 1C-17A-2-56JG-10-1

10.  $\langle \text{BC} \rangle \rightarrow \langle \text{BH} \rangle$  Remove screws, washers, liner assemblies, and insulation.



10. —

DRIVE ASSEMBLY REF DES	INDEX NO.	LINER NO.	SCREW QTY.	WASHER QTY.
5612AA003	1	213FZM	6	6
	2	213EZM	4	4
5612AA004	3	214EZM	4	4
	4	214FZM	6	6



(TYPICAL)

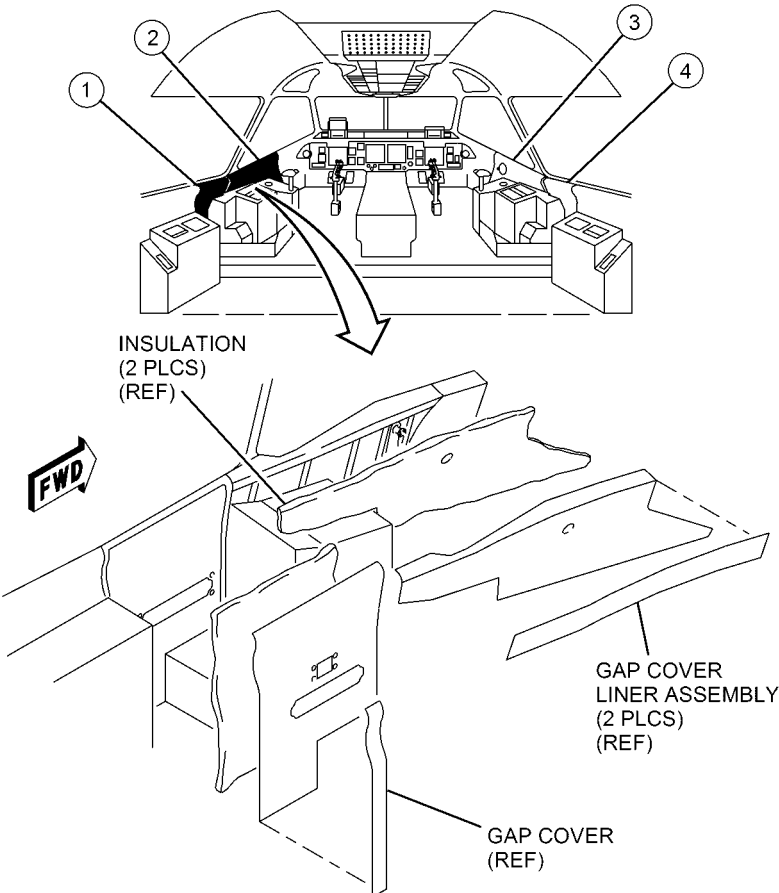
ICN-88277-G5612126-001-01

**NOTE**

⬡BJ⬢ → Gap covers and liner assemblies are attached with velcro tape.


10. ⬡BJ⬢ → (A) Identify and remove gap covers, liner assemblies, and insulation.





10.

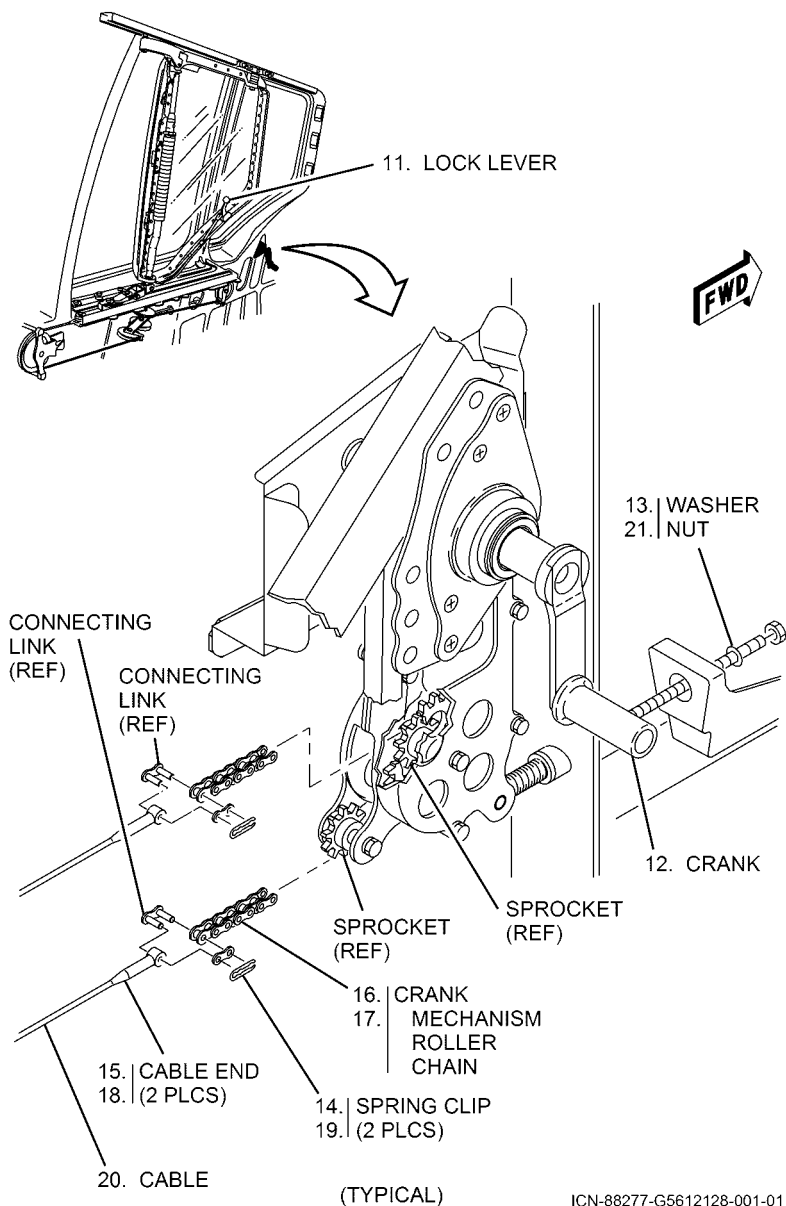
DRIVE ASSEMBLY REF DES	INDEX NO.	LINER NO.
5612AA003	1	213FZM
	2	213EZM
5612AA004	3	214EZM
	4	214FZM

  
(TYPICAL)

ICN-88277-G5612127-001-01

## TO 1C-17A-2-56JG-10-1

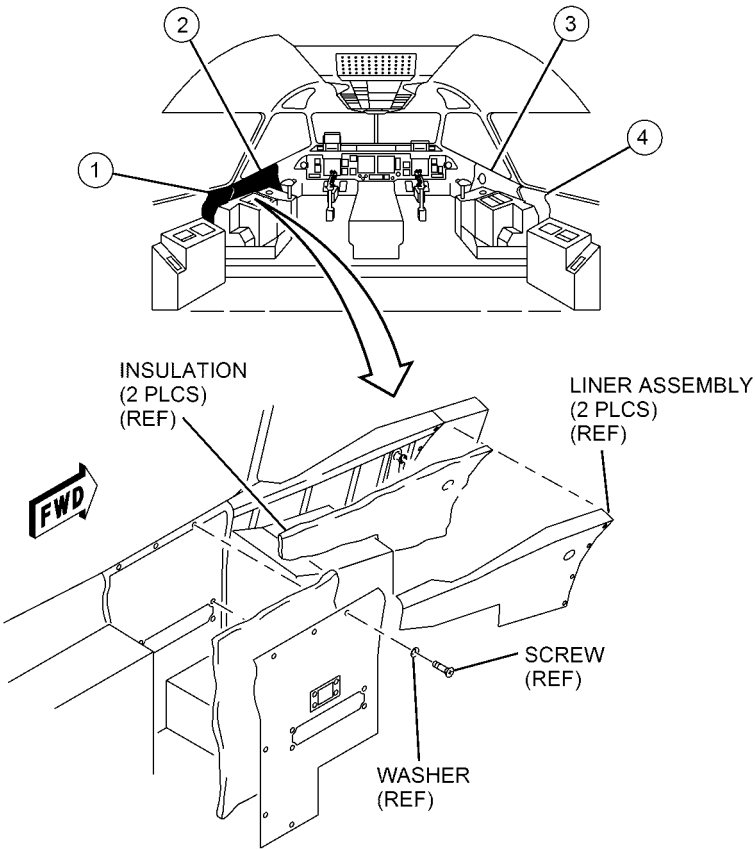
11. Move lock lever to unlock sliding clearview window panel assembly.
12. Loosely install crank, open window until connecting links are aligned, and remove crank.
13. Loosen nut to release tension on cable and chain assembly.
14. Remove spring clips from connecting links.
15. Disconnect cable ends from connecting links.
16. Disconnect crank mechanism roller chain from connecting links and remove.
17. Position chain onto small sprockets and connect to connecting links.
18. Connect cable ends to connecting links.
19. Install spring clips on connecting links.
20. Measure cable tension.
  - Tension shall be **15-25 lb.**
21. Adjust nut to adjust tension.



ICN-88277-G5612128-001-01

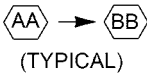
## TO 1C-17A-2-56JG-10-1

22.  $\langle \text{AA} \rangle \rightarrow \langle \text{BB} \rangle$  Install insulation, liner assemblies, washers, and screws.



22. —

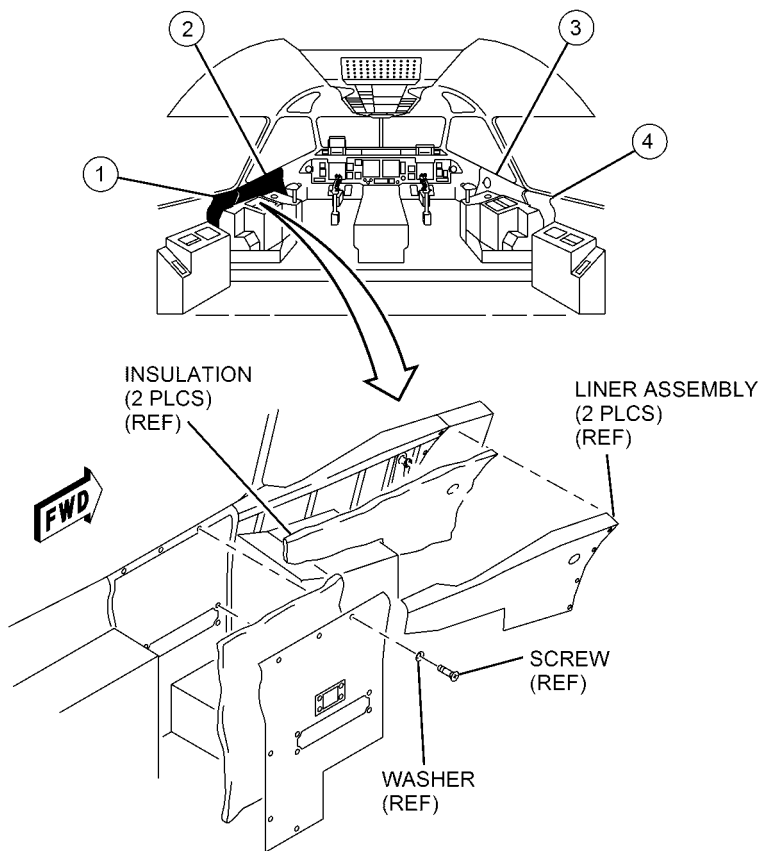
DRIVE ASSEMBLY REF DES	INDEX NO.	LINER NO.	SCREW QTY.	WASHER QTY.
5612AA003	1	213FZM	6	6
	2	213EZM	4	4
5612AA004	3	214EZM	4	4
	4	214FZM	6	6



ICN-88277-G5612129-001-01

## TO 1C-17A-2-56JG-10-1

22.  $\langle \overline{BC} \rangle \rightarrow \langle \overline{BH} \rangle$  Install insulation liner assemblies, washers, and screws.



22.	DRIVE ASSEMBLY REF DES	INDEX NO.	LINER NO.	SCREW QTY.	WASHER QTY.
	5612AA003	1	213FZM	6	6
		2	213EZM	8	8
	5612AA004	3	214EZM	8	8
		4	214FZM	6	6



(TYPICAL)

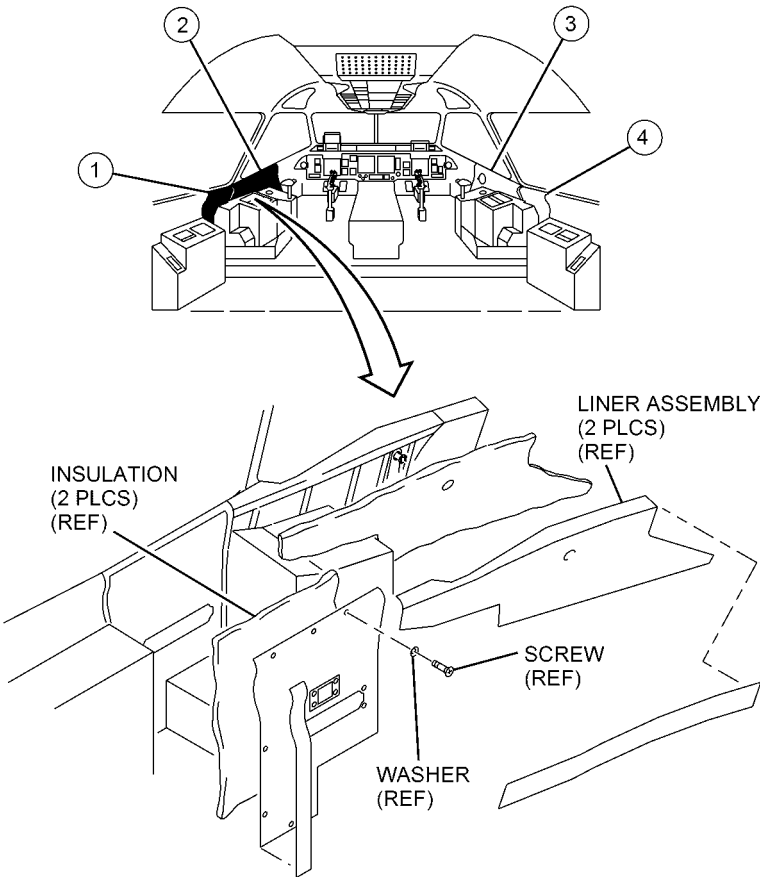
ICN-88277-G5612130-001-01

**NOTE**

⬡BJ⬢ → Gap covers and liner assemblies are attached with velcro tape.

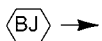
22. ⬡BJ⬢ → Install insulation liner assemblies, washers, and screws.
23. Install thunderstorm instrument panel flood cockpit light (33-12-16).





22. —

DRIVE ASSEMBLY REF DES	INDEX NO.	LINER NO.
5612AA003	1	213FZM
	2	213EZM
5612AA004	3	214EZM
	4	214FZM

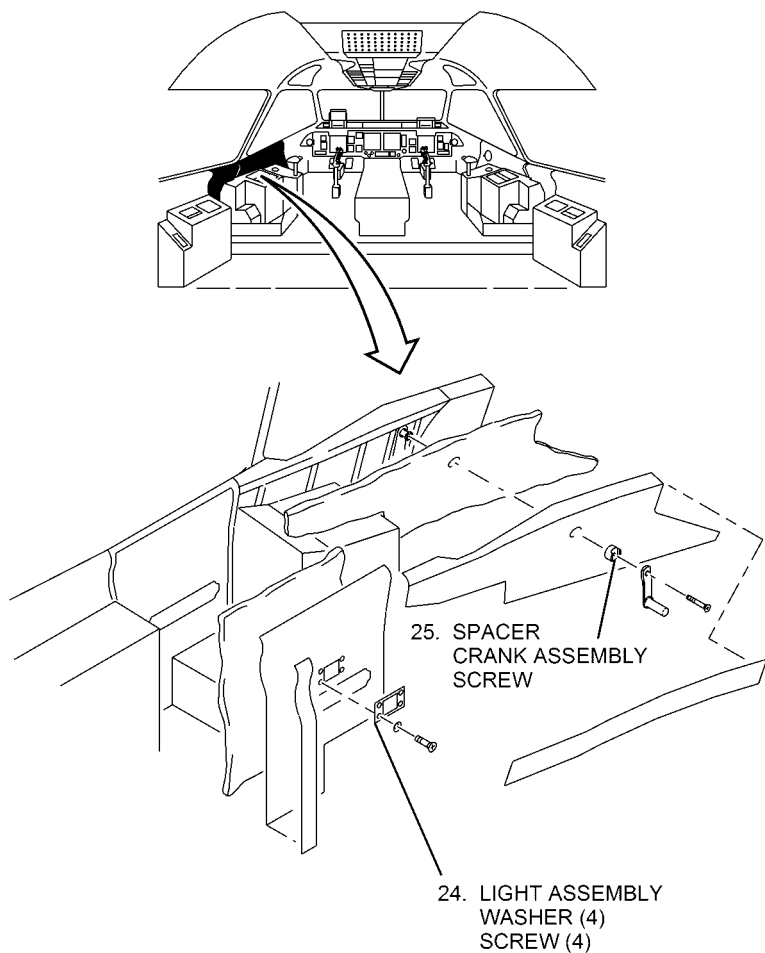


(TYPICAL)

ICN-88277-G5612131-001-01

## **TO 1C-17A-2-56JG-10-1**

24. Install light assembly, washers, and screws.
25. Install spacer, crank assembly, and screw.

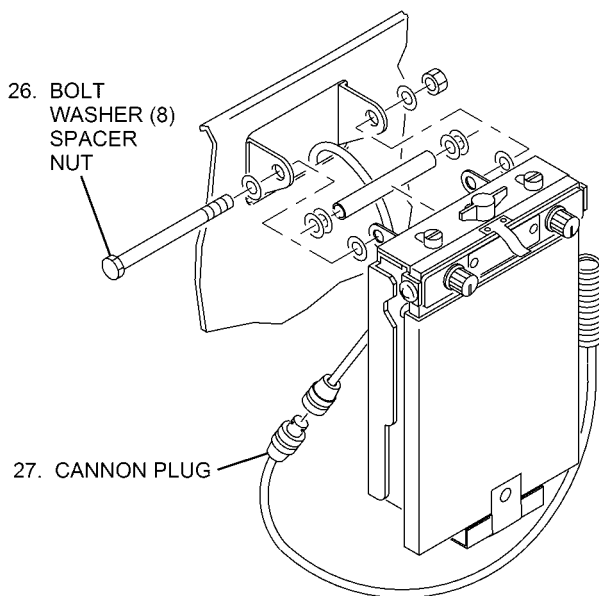


(TYPICAL)

ICN-88277-G5612144-001-01

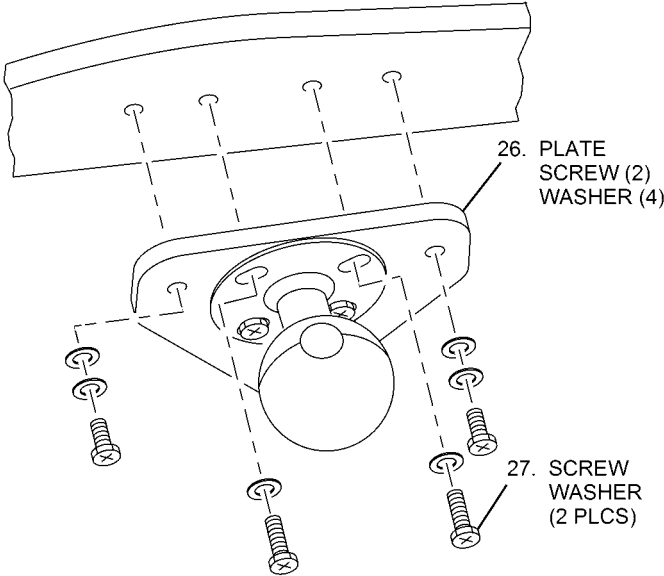
**TO 1C-17A-2-56JG-10-1**

26. **AA** → **BH** No action required.
26. **BJ** → **GP** **GT** **GV** → **HA** **HC** → **HL** **HP** → **HU**  
**HW** **HY** **JA** → **JT** **KA** → **KC** **KG** → **KK** **KQ** **KR**  
**KT** **KU** **KW** **LB** → **LG** **LJ** → **MB**  
**ME** → **MM** BEFORE **2355** **GQ** → **GS** **GU** **HB** **HM** **HN**  
**HV** **HX** **HZ** **JU** → **JZ** **KD** → **KF** **KL** → **KP** **KS**  
**KV** **KX** → **LA** **LH** **MC** **MD** Install bolt, washers, spacer,  
and nut as identified.
26. **BJ** → **GP** **GT** **GV** → **HA** **HC** → **HL** **HP** → **HU**  
**HW** **HY** **JA** → **JT** **KA** → **KC** **KG** → **KK** **KQ** **KR**  
**KT** **KU** **KW** **LB** → **LG** **LJ** → **MB**  
**ME** → **MM** AFTER **2355** Position plate and install screws and  
washers.
27. **AA** → **BH** No action required.
27. **BJ** → **GP** **GT** **GV** → **HA** **HC** → **HL** **HP** → **HU**  
**HW** **HY** **JA** → **JT** **KA** → **KC** **KG** → **KK** **KQ** **KR**  
**KT** **KU** **KW** **LB** → **LG** **LJ** → **MB**  
**ME** → **MM** BEFORE **2355** **GQ** → **GS** **GU** **HB** **HM** **HN**  
**HV** **HX** **HZ** **JU** → **JZ** **KD** → **KF** **KL** → **KP** **KS**  
**KV** **KX** → **LA** **LH** **MC** **MD** Connect cannon plug.
27. **BJ** → **GP** **GT** **GV** → **HA** **HC** → **HL** **HP** → **HU**  
**HW** **HY** **JA** → **JT** **KA** → **KC** **KG** → **KK** **KQ** **KR**  
**KT** **KU** **KW** **LB** → **LG** **LJ** → **MB**  
**ME** → **MM** AFTER **2355** Install screws and washers.



BJ	→	GP	GT	GV	→	HA	HC	→	HL	HP	→	HU	HW	HY
JA	→	JT	KA	→	KC	KG	→	KK	KQ	KR	→	KT	KU	KW
LB	→	LG	LJ	→	MB	ME	→	MM	BEFORE	2355				
GQ	→	GS	GU	HB	HM	HN	HV	HX	HZ	JU	→	JZ		
KD	→	KF	KL	→	KP	KS	KV	KX	→	LA	LH	MC	MD	

ICN-88277-G5612132-001-01



BJ → GP GT GV → HA HC → HL HP → HU HW HY  
JA → JT KA → KC KG → KK KQ KR KT KU KW  
LB → LG LJ → MB ME → MM AFTER 2355

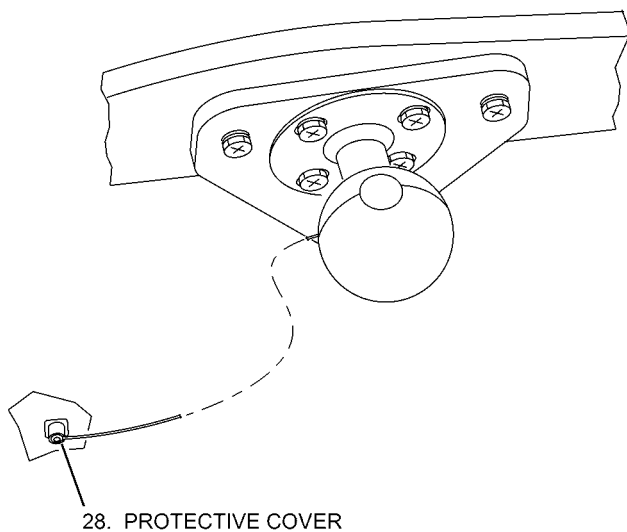


## TO 1C-17A-2-56JG-10-1

28. **BJ** → **GP** **GT** **GV** → **HA** **HC** → **HL** **HP** → **HU**  
**HW** **HY** **JA** → **JT** **KA** → **KC** **KG** → **KK** **KQ** **KR**  
**KT** **KU** **KW** **LB** → **LG** **LJ** → **MB**  
**ME** → **MM** BEFORE 2355 **AA** → **BH** **GQ** → **GS** **GU**  
**HB** **HM** **HN** **HV** **HX** **HZ** **JU** → **JZ** **KD** → **KF**  
**KL** → **KP** **KS** **KV** **KX** → **LA** **LH** **MC** **MD** No action  
required.

28. **BJ** → **GP** **GT** **GV** → **HA** **HC** → **HL** **HP** → **HU**  
**HW** **HY** **JA** → **JT** **KA** → **KC** **KG** → **KK** **KQ** **KR**  
**KT** **KU** **KW** **LB** → **LG** **LJ** → **MB**  
**ME** → **MM** AFTER 2355 Install protective cover.





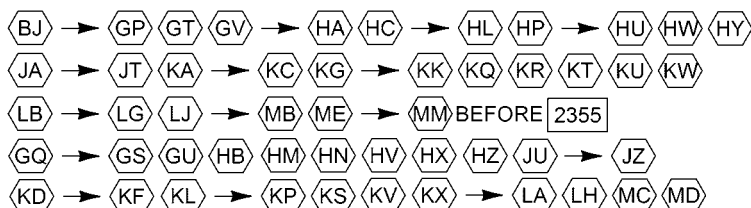
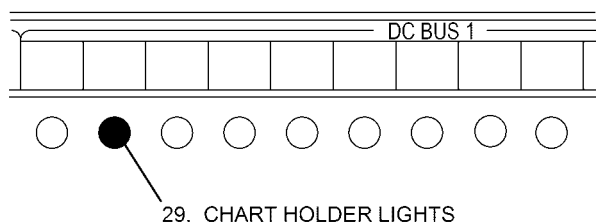
BJ → GP GT GV → HA HC → HL HP → HU HW HY  
 JA → JT KA → KC KG → KK KQ KR KT KU KW  
 LB → LG LJ → MB ME → MM AFTER 2355

ICN-88277-G5612134-001-01

## TO 1C-17A-2-56JG-10-1

29.  $\langle \text{BJ} \rangle \rightarrow \langle \text{GP} \rangle \langle \text{GT} \rangle \langle \text{GV} \rangle \rightarrow \langle \text{HA} \rangle \langle \text{HC} \rangle \rightarrow \langle \text{HL} \rangle \langle \text{HP} \rangle \rightarrow \langle \text{HU} \rangle$   
 $\langle \text{HW} \rangle \langle \text{HY} \rangle \langle \text{JA} \rangle \rightarrow \langle \text{JT} \rangle \langle \text{KA} \rangle \rightarrow \langle \text{KC} \rangle \langle \text{KG} \rangle \rightarrow \langle \text{KK} \rangle \langle \text{KQ} \rangle \langle \text{KR} \rangle$   
 $\langle \text{KT} \rangle \langle \text{KU} \rangle \langle \text{KW} \rangle \langle \text{LB} \rangle \rightarrow \langle \text{LG} \rangle \langle \text{LJ} \rangle \rightarrow \langle \text{MB} \rangle$   
 $\langle \text{ME} \rangle \rightarrow \langle \text{MM} \rangle$  BEFORE  $\boxed{2355}$   $\langle \text{GQ} \rangle \rightarrow \langle \text{GS} \rangle \langle \text{GU} \rangle \langle \text{HB} \rangle \langle \text{HM} \rangle \langle \text{HN} \rangle$   
 $\langle \text{HV} \rangle \langle \text{HX} \rangle \langle \text{HZ} \rangle \langle \text{JU} \rangle \rightarrow \langle \text{JZ} \rangle \langle \text{KD} \rangle \rightarrow \langle \text{KF} \rangle \langle \text{KL} \rangle \rightarrow \langle \text{KP} \rangle \langle \text{KS} \rangle$   
 $\langle \text{KV} \rangle \langle \text{KX} \rangle \rightarrow \langle \text{LA} \rangle \langle \text{LH} \rangle \langle \text{MC} \rangle \langle \text{MD} \rangle$  Remove warning tag and close **CHART HOLDER LIGHTS** circuit breaker on electrical power center, row **M**, column **54**.

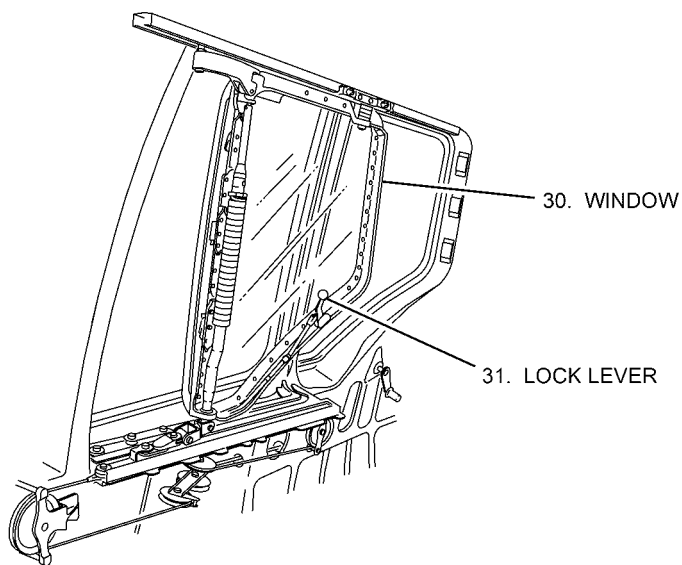
29.  $\langle \text{BJ} \rangle \rightarrow \langle \text{GP} \rangle \langle \text{GT} \rangle \langle \text{GV} \rangle \rightarrow \langle \text{HA} \rangle \langle \text{HC} \rangle \rightarrow \langle \text{HL} \rangle \langle \text{HP} \rangle \rightarrow \langle \text{HU} \rangle$   
 $\langle \text{HW} \rangle \langle \text{HY} \rangle \langle \text{JA} \rangle \rightarrow \langle \text{JT} \rangle \langle \text{KA} \rangle \rightarrow \langle \text{KC} \rangle \langle \text{KG} \rangle \rightarrow \langle \text{KK} \rangle \langle \text{KQ} \rangle \langle \text{KR} \rangle$   
 $\langle \text{KT} \rangle \langle \text{KU} \rangle \langle \text{KW} \rangle \langle \text{LB} \rangle \rightarrow \langle \text{LG} \rangle \langle \text{LJ} \rangle \rightarrow \langle \text{MB} \rangle$   
 $\langle \text{ME} \rangle \rightarrow \langle \text{MM} \rangle$  AFTER  $\boxed{2355}$   $\langle \text{AA} \rangle \rightarrow \langle \text{BH} \rangle$  No action required.



ICN-88277-G5612135-001-01

## **TO 1C-17A-2-56JG-10-1**

30. Close window.
31. Move lock lever to lock window.



ICN-88277-G5612136-001-01

