

LH WINDSCREEN - REMOVAL/INSTALLATION

EFFECTIVITY: AIRCRAFT WITH WINDSCREEN

1. General

- A. This section gives the procedures to remove/install the windscreen assembly.
- B. The procedures in this section are given in the sequence below. The tasks identified with (◆) are part of the Scheduled Maintenance Requirements Document (SMRD).

TASK NUMBER	DESCRIPTION	EFFECTIVITY
25-27-04-000-801-A	WINDSCREEN - REMOVAL	AIRCRAFT WITH WINDSCREEN
25-27-04-400-801-A	WINDSCREEN - INSTALLATION	AIRCRAFT WITH WINDSCREEN

TASK 25-27-04-000-801-A

EFFECTIVITY: AIRCRAFT WITH WINDSCREEN

2. WINDSCREEN - REMOVAL

A. General

- (1) This task gives the procedure to remove the windscreen assembly.
- (2) The windscreen assembly is installed in the passenger cabin, at zone 231.

B. References

REFERENCE	DESIGNATION
AMM TASK 25-22-04-000-801-A/400	-
AMM TASK 25-27-05-000-801-A/400	-
S.B.145-25-0131	-

C. Zones and Accesses

Not Applicable

D. Tools and Equipment

Not Applicable

E. Auxiliary Items

Not Applicable

F. Consumable Materials

Not Applicable

G. Expandable Parts

Not Applicable

H. Persons Recommended

QTY	FUNCTION	PLACE
1	Does the task	Passenger cabin

I. Preparation

SUBTASK 841-004-A

- (1) Make sure that the aircraft is safe for maintenance.
- (2) On the air conditioning/pneumatic control panel, installed on the overhead panel, make sure that the PASS CABIN rotary switch is not set to the ATTD position and attach a DO-NOT-SET-TO-ATTD-POSITION tag to it.
- (3) On the overhead panel, set the EMERG LT switch to OFF position and attach a DO-NOT-MOVE-FROM-OFF tag to it.
- (4) On the circuit breaker panel, open the EMERG circuit breaker and attach a DO-NOT-CLOSE tag to it (Location Tip: ESSENTIAL DC BUS 2/LIGHTS/EMERG).

- (5) Remove the main door curtain (AMM TASK 25-27-05-000-801-A/400).
- (6) Remove the forward cabin ceiling panel (AMM TASK 25-22-04-000-801-A/400).
- (7) Remove the sealant from the forward portion of the windscreen.

J. Removal ([Figure 401](#))

SUBTASK 020-004-A

- (1) Remove the shroud (20).
- (2) Loosen the clamp (9) and remove the conditioned air hose (8) from the windscreen (4).
- (3) Remove the screws (5) and washers (6) that attach the brackets (7).
- (4) Lower the upper attach pin (3) and lightly move the upper portion of the windscreen (4) forward to remove the upper attach pin (3) from the end cap assembly (2) hole.
- (5) Open the control module assembly panel (18).
- (6) Disconnect the electrical connector (17) from the control module assembly (19).
- (7) Disconnect the electrical connector (1).
- (8) Close the control module assembly panel (18).
- (9) Remove the screws (11) that attach the trim cover (12) and remove it.
- (10) For aircraft PRE-MOD. [S.B.145-25-0131](#), do the steps below:

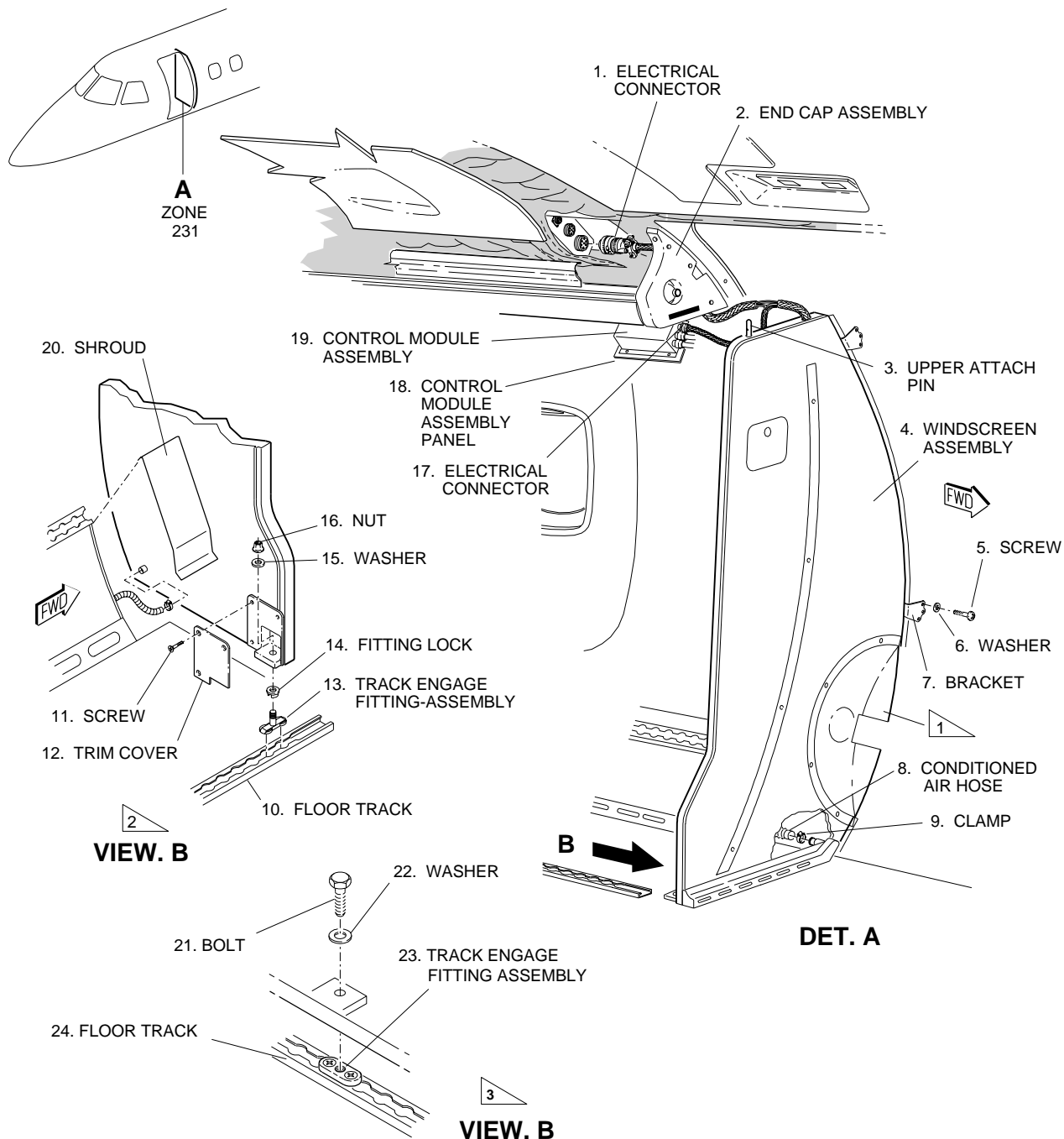
NOTE: For aircraft PRE-MOD. [S.B.145-25-0131](#), you must not remove the nut (16) from the track engage fitting assembly (13).

 - (a) Loosen the nut (16) and washer (15) that attach the windscreen (4) to the track engage fitting assembly (13).
 - (b) Lift and turn the fitting lock (14) by approximately 90 degrees.
 - (c) Move the windscreen (4) forward to a position where the track engage fitting assembly (13) coincides with the larger openings of the floor track (10) slot.
- (11) For aircraft POST-MOD. [S.B.145-25-0131](#), remove the bolts (21) and washers (22) that attach the track engage fitting assemblies (23) to the floor track (24).
- (12) Remove the windscreen (4).

EFFECTIVITY: AIRCRAFT WITH WINDSCREEN

Windscreen - Removal/Installation

Figure 401



1 ALL, EXCEPT FOR A/C WITH SIDE-HINGED MAIN DOOR AND POST-MOD SB 145-52-0005

2 PRE-MOD. S.B. 145-25-0131

3 POST-MOD. S.B. 145-25-0131

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TASK 25-27-04-400-801-A

EFFECTIVITY: AIRCRAFT WITH WINDSCREEN

3. WINDSCREEN - INSTALLATION

A. General

- (1) This task gives the procedure to install the windscreen assembly.
- (2) The windscreen assembly is installed in the passenger cabin, at zone 231.

B. References

REFERENCE	DESIGNATION
AMM TASK 21-60-00-700-801-A/500	TEMPERATURE CONTROL SYSTEM - OPERATIONAL CHECK
AMM TASK 25-22-04-400-801-A/400	-
AMM TASK 25-27-05-400-801-A/400	-
AMM TASK 33-21-00-700-801-A/500	PASSENGER CABIN LIGHTS - OPERATIONAL TEST
AMM TASK 33-25-00-700-801-A/500	READING AND ATTENDANT CALL LIGHTS (1) - OPERATIONAL TEST
AMM TASK 33-50-00-700-801-A/500	EMERGENCY LIGHTS - OPERATIONAL CHECK
AMM TASK 52-73-00-700-801-A/500	AIRSTAIRS MAIN DOOR WARNING MESSAGE - OPERATIONALLY CHECK
S.B.145-25-0131	-
S.B.145-52-0005	-
SRM 51-20-01	-

C. Zones and Accesses

Not Applicable

D. Tools and Equipment

Not Applicable

E. Auxiliary Items

Not Applicable

F. Consumable Materials

SPECIFICATION (BRAND)	DESCRIPTION	QTY
RTV 780 (black)	Sealant	AR

G. Expandable Parts

Not Applicable

H. Persons Recommended

QTY	FUNCTION	PLACE
1	Does the task	Passenger cabin

I. Installation (Figure 401)

SUBTASK 420-004-A

- (1) Remove the sealant residues (refer to SRM 51-20-01) from the related area.
- (2) Put the windscreen (4) in position to make the electrical connections.
- (3) Open the control module assembly panel (18).
- (4) Connect the electrical connector (17) to the control module assembly (19).
- (5) Connect the electrical connector (1).
- (6) Close the control module assembly panel (18).
- (7) Put the windscreen (4) in the correct position.
- (8) For aircraft PRE-MOD. [S.B.145-25-0131](#), make sure that the track engage fitting assembly (13) is put into the floor track (10) and locked in the correct position.
- (9) For aircraft POST-MOD. [S.B.145-25-0131](#), put the bolts (21) and washers (22) into the track engage fitting assemblies (23) at the floor track (24), but do not tighten then now.
- (10) Lower the upper attach pin (3) and put it into the end cap assembly (2) hole.
- (11) Attach the brackets (7) with the screws (5) and washers (6).
- (12) For aircraft PRE-MOD. [S.B.145-25-0131](#), tighten the nut (16) and washer (15) that attach the windscreen (4) to the track engage fitting assembly (13).
- (13) For aircraft POST-MOD. [S.B.145-25-0131](#), tighten the bolts (21) and washers (22) that attach the floor track (24).
- (14) Install the conditioned air hose (8) to the windscreen (4) and tighten the clamp (9).
- (15) Install the shroud (20).
- (16) Install the trim cover (12) with the screws (11).
- (17) Apply the sealant in the forward portion of the windscreen (4) (refer to SRM 51-20-01).

J. Follow-on

SUBTASK 842-004-A

- (1) On the air conditioning/pneumatic control panel, installed on the overhead panel, remove the DO-NOT-SET-TO-ATTD-POSITION tag from the PASS CABIN rotary switch.
- (2) On the circuit breaker panel, close the EMERG circuit breaker and remove the DO-NOT-CLOSE tag from it (Location Tip: ESSENTIAL DC BUS 2/LIGHTS/EMERG).
- (3) On the overhead panel, set the EMERG LT switch to the ARM position and remove the DO-NOT-MOVE-FROM-OFF tag from it.
- (4) Do an operational test of the emergency lights ([AMM TASK 33-50-00-700-801-A/500](#)).

- (5) Do an operational test of the attendant call and the passenger service units (PSUs) ([AMM TASK 33-25-00-700-801-A/500](#)).
- (6) Do an operational test of the cabin lights ([AMM TASK 33-21-00-700-801-A/500](#)).
- (7) Do an operational test of the cabin temperature control ([AMM TASK 21-60-00-700-801-A/500](#)).
- (8) Do an operational test of the main door internal control panel ([AMM TASK 52-73-00-700-801-A/500](#)) (does not include aircraft with side-hinged main door installed and POST-MOD [S.B.145-52-0005](#)).
- (9) Install the forward cabin ceiling panel (AMM TASK 25-22-04-400-801-A/400).
- (10) Install the main door curtain (AMM TASK 25-27-05-400-801-A/400).

