



AIRCRAFT MAINTENANCE MANUAL

LH WINDSCREEN - REMOVAL/INSTALLATION

EFFECTIVITY: AIRCRAFT WITH WINDSCREEN

1. General

- A. This section gives the procedures to remove/install the windscreens 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 |



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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 windscreens assembly.
- (2) The windscreens 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-ATT-D-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 windscreens.

J. Removal (Figure 401)

SUBTASK 020-004-A

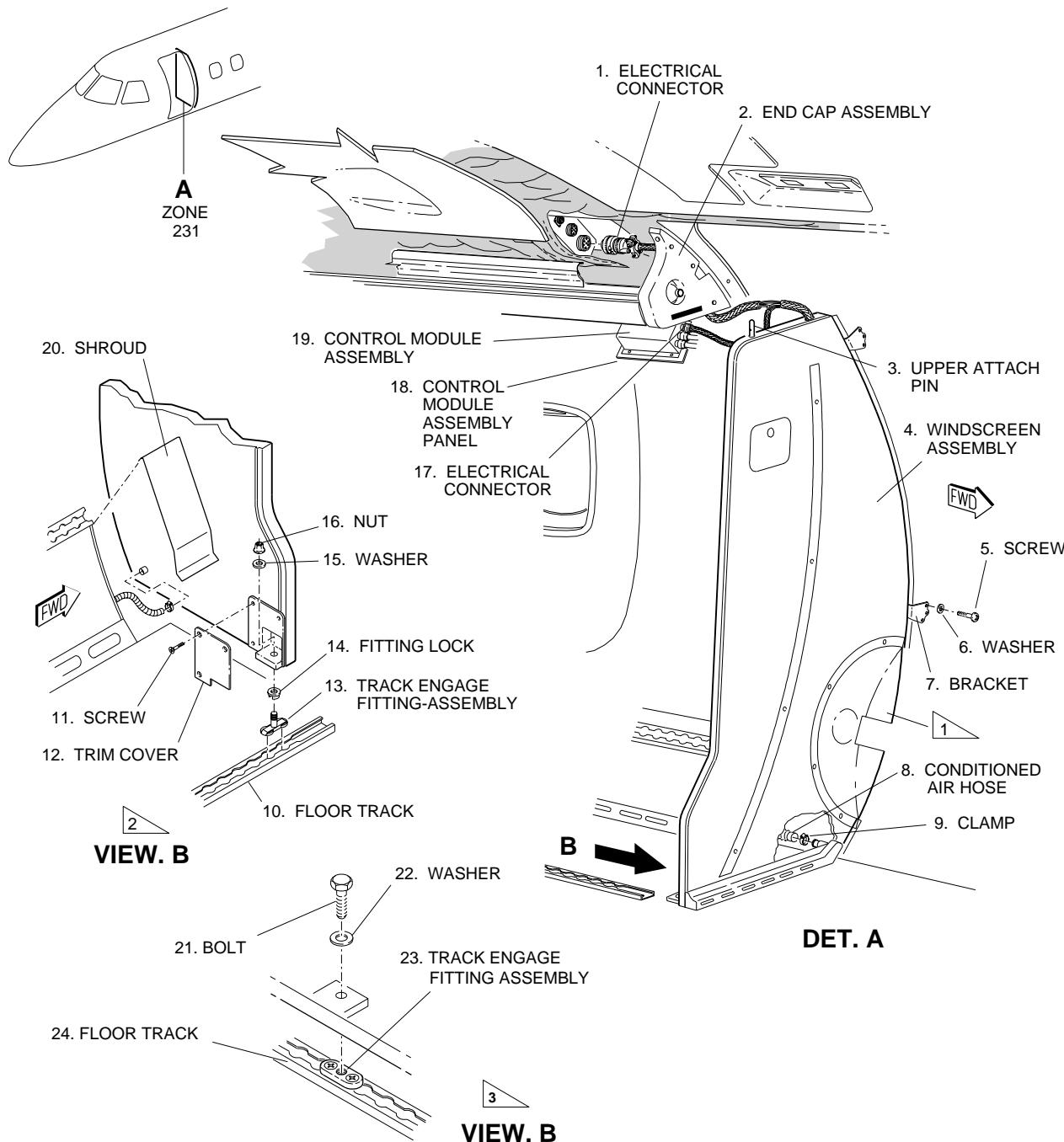
- (1) Remove the shroud (20).
- (2) Loosen the clamp (9) and remove the conditioned air hose (8) from the windscreens (4).
- (3) Remove the screws (5) and washers (6) that attach the brackets (7).
- (4) Lower the upper attach pin (3) and lightly move the upper portion of the windscreens (4) forward to 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 windscreens (4) to the track engage fitting assembly (13).
 - (b) Lift and turn the fitting lock (14) by approximately 90 degrees.
 - (c) Move the windscreens (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 windscreens (4).

EFFECTIVITY: AIRCRAFT WITH WINDSCREEN

Windscreen - Removal/Installation

Figure 401

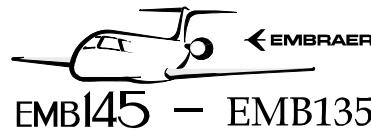


1 ALL, EXCEPT FOR A/C WITH SIDE-HINGED MAIN DOOR AND POST-MOD SB 145-52-0005

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

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

145AMM250060.MCE B



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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 them 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](#)).



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- (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).

