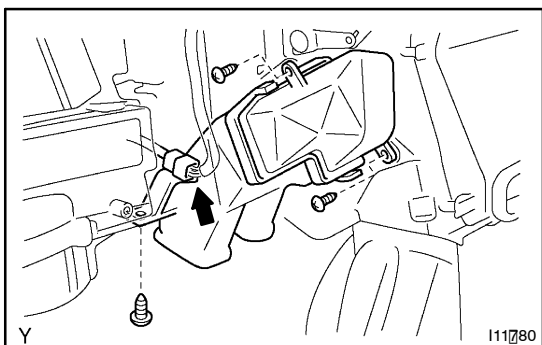


# AIR OUTLET SERVOMOTOR INSPECTION

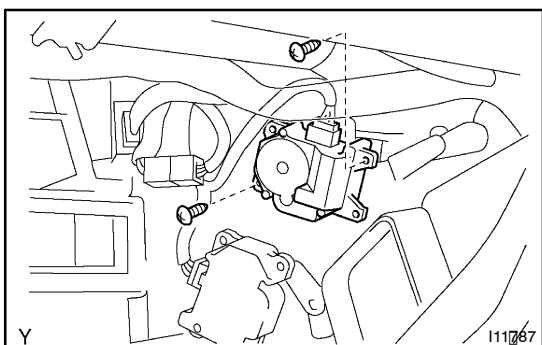
AC25W-01

## 1. REMOVE INSTRUMENT PANEL (See page BO-96)



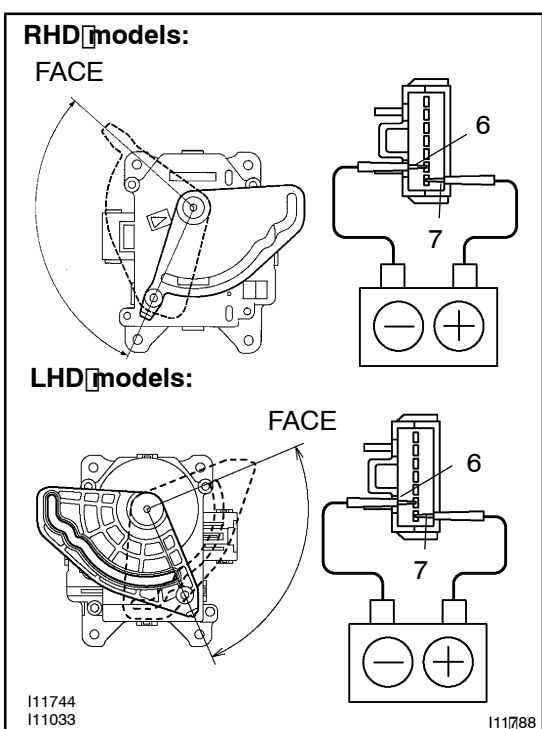
## 2. REMOVE AIR DUCT

- (a) Disconnect the connector clamp.
- (b) Remove the 3 screws and air duct.



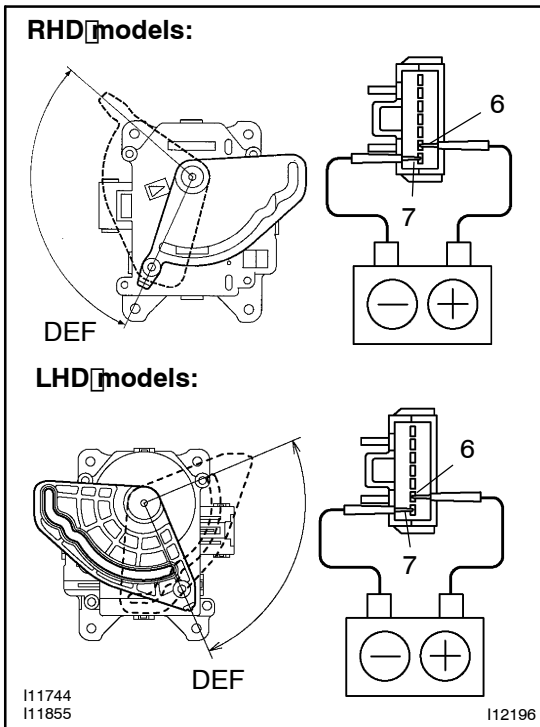
## 3. REMOVE AIR OUTLET SERVOMOTOR

- (a) Disconnect the connector.
- (b) Remove the 2 screws and servomotor.

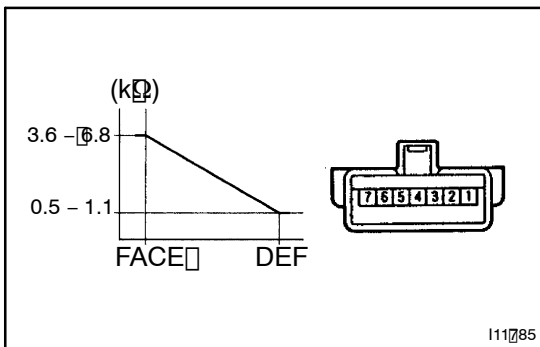


## 4. INSPECT AIR OUTLET SERVOMOTOR OPERATION

- (a) Connect the positive (+) lead from the battery to terminal 7 and negative (-) lead to terminal 6, then check that the arm turns to "FACE" side smoothly.



- (b) Connect the positive (+) lead from the battery to terminal 6 and negative (-) lead to terminal 7, then check that the arm turns to "DEF" side smoothly. If operations are not as specified, replace the servomotor.

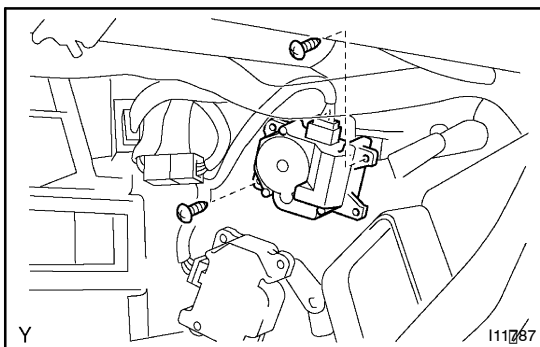


**5. INSPECT POSITION SENSOR RESISTANCE**

Measure resistance between terminals at servomotor arm each position as shown in the chart.

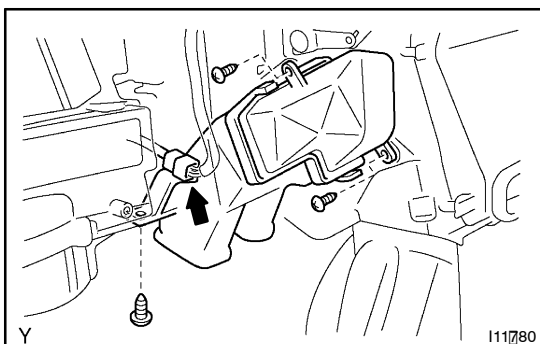
Tester connection	Condition	Specified condition
1 - 3	Constant	4.2 - 7.8 kΩ
3 - 5	FACE	3.6 - 6.8 kΩ
3 - 6	DEF	0.5 - 1.1 kΩ

If resistance is not as specified, replace the servomotor.



**6. INSTALL AIR OUTLET SERVO MOTOR**

- (a) Install the servomotor with the 2 screws.  
(b) Connect the connector.



**7. INSTALL AIR DUCT**

- (a) Install the air duct with the 3 screws.  
(b) Connect the connector clamp.

**8. INSTALL INSTRUMENT PANEL (See page BO-104)**