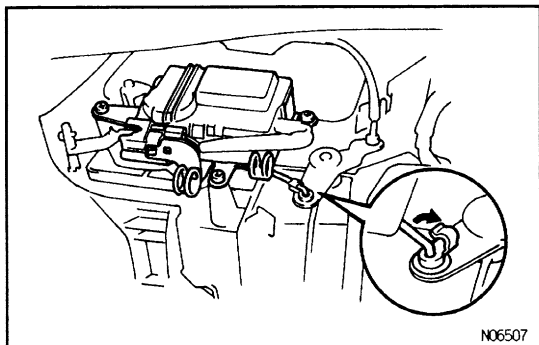


AIR MIX SERVOMOTOR

AIR MIX SERVOMOTOR REMOVAL

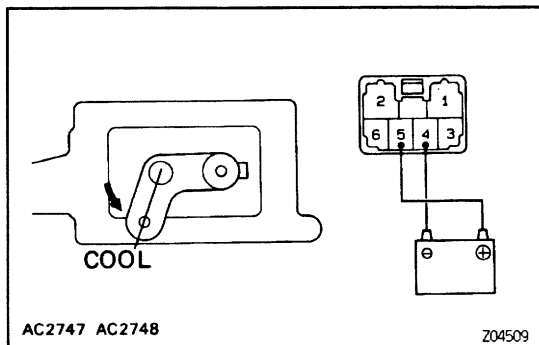
AC09F-04

1. DISCONNECT NEGATIVE CABLE FROM BATTERY
2. REMOVE INSTRUMENT PANEL



3. REMOVE AIR MIX SERVOMOTOR

- (a) Disconnect the air mix servomotor connector.
- (b) Disconnect the link as shown.
- (c) Remove the three screws and the air mix servomotor.
- (d) Remove the link from the air mix servomotor.

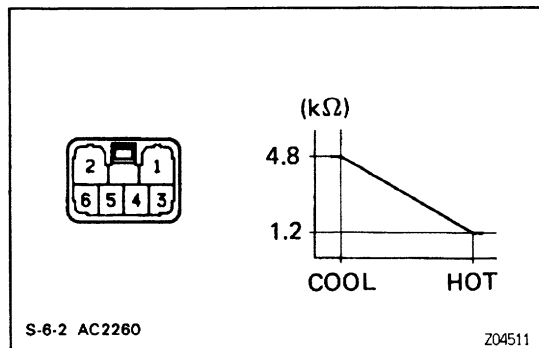
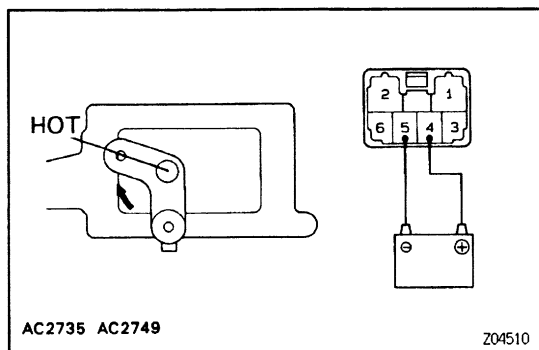


AIR MIX SERVOMOTOR INSPECTION

AC0M7-01

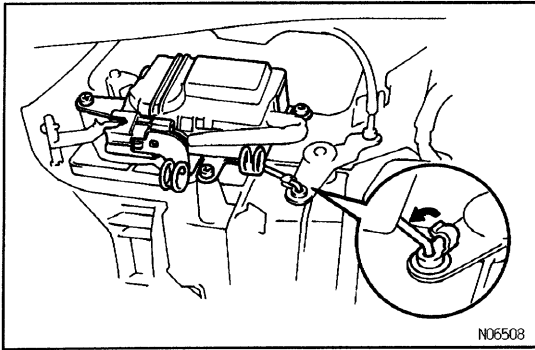
1. INSPECT SERVOMOTOR OPERATION

- (a) Connect the positive (+) lead from the battery to terminal 5 and the negative (-) lead to terminal 4, check that the arm rotates to the "COOL" side smoothly.
If operation is not as specified, replace the servomotor.
- (b) Reverse the polarity, check that the arm rotates to the "HOT" side smoothly.
If operation is not as specified, replace the servomotor.



2. INSPECT POSITION SENSOR RESISTANCE

- (a) Measure the resistance between terminals 1 and 3.
Resistance: Approx. 6 kΩ
- (b) Set the arm to COOL position.
- (c) Check that the resistance between terminals 2 and 3 decreases from approx. 4.8 kΩ to 1.2 kΩ, when the arm is rotated from COOL to HOT position.
If operation is not as specified, replace the servomotor.



AIR MIX SERVOMOTOR INSTALLATION

1. INSTALL AIR MIX SERVOMOTOR

- (a) Install the link to the air mix servomotor.
- (b) Install the air mix servomotor with the three screws.
- (c) Connect the link.
- (d) Connect the air mix servomotor connector.

2. INSTALL INSTRUMENT PANEL

3. CONNECT NEGATIVE CABLE TO BATTERY