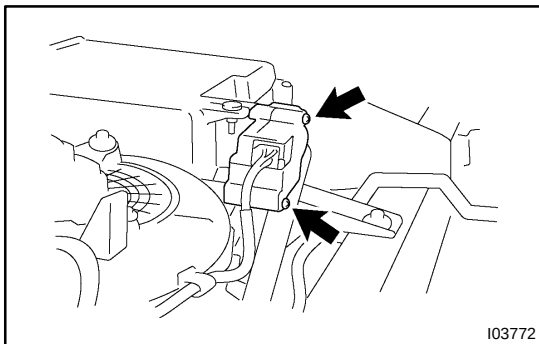


AIR MIX SERVOMOTOR (for Rear Heater)

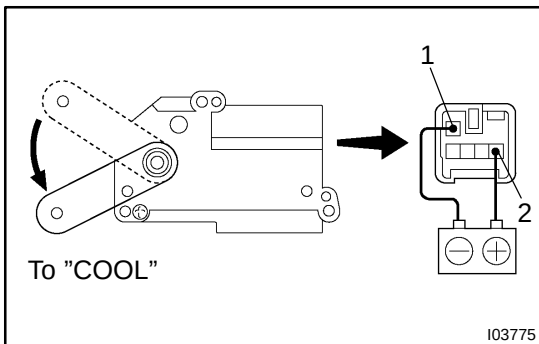
AC21F-02

INSPECTION

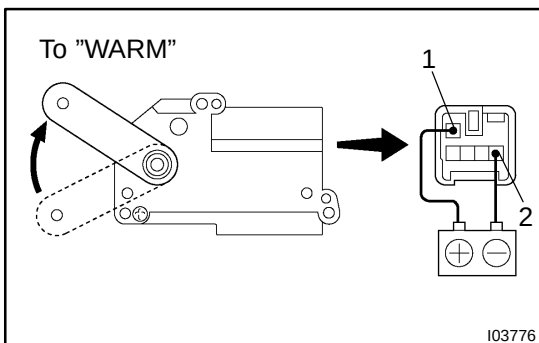
1. REMOVE FRONT SEATS
2. REMOVE FRONT DOOR SCUFF PLATES
3. REMOVE COWL SIDE TRIMS
4. REMOVE REAR DOOR SCUFF PLATES
5. REMOVE LOWER CENTER PILLAR GARNISHES
(See page [BO-108](#))



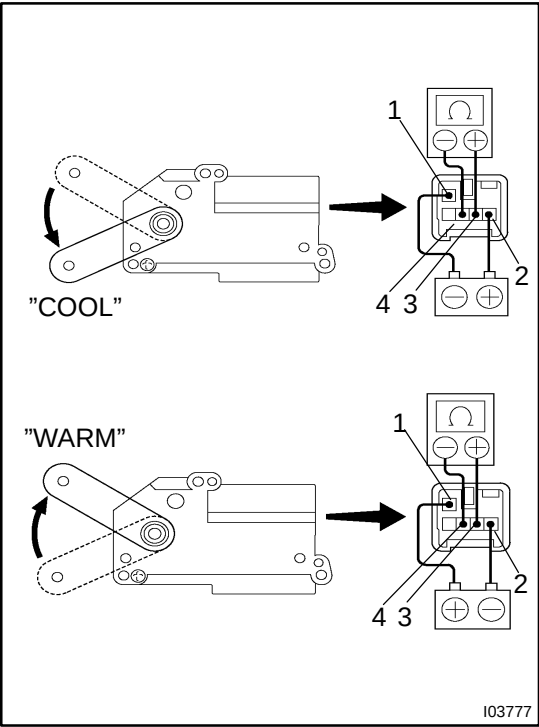
6. REMOVE AIR MIX SERVOMOTOR
 - (a) Slide the floor carpet backward.
 - (b) Disconnect the connector.
 - (c) Remove the 2 screws and servomotor.



7. Manual A/C:
INSPECT SERVOMOTOR OPERATION
 - (a) Connect the positive (+) lead from the battery to terminal 2 and negative (-) lead to terminal 1, then check that the arm turns to "COOL" side smoothly.
If operation is not as specified, replace the servomotor.



- (b) Connect the positive (+) lead from the battery to terminal 1 and negative (-) lead to terminal 2, then check that the arm turns to "WARM" side smoothly.
If operation is not as specified, replace the servomotor.



8. Manual A/C:
INSPECT POSITION SENSOR RESISTANCE

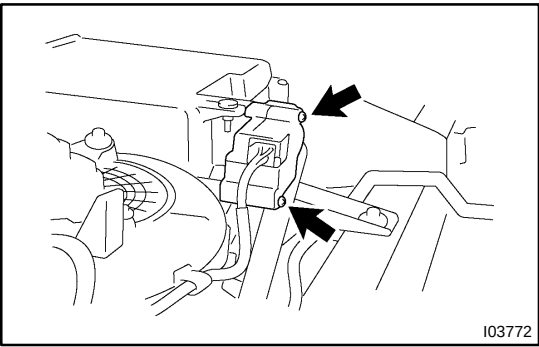
Measure resistance between terminals at each servomotor arm position as shown in the illustration.

Tester connection	Condition	Specified condition
4 - 5	Constant	Approx. 6.0 kΩ
3 - 4	Lever at "COOL" position	Approx. 4.8 kΩ
3 - 4	Lever at "WARM" position	Approx. 1.2 kΩ

If resistance is not as specified, replace the servomotor.

9. Auto A/C:
INSPECT REAR AIR MIX DAMPER POSITION SENSOR CIRCUIT (See page [DI-733](#))

10. Auto A/C:
INSPECT REAR AIR MIX SERVOMOTOR CIRCUIT (See page [DI-742](#))



- 11. INSTALL AIR MIX SERVOMOTOR**
- (a) Install the servomotor with the 2 screws.
 - (b) Connect the connector.
 - (c) Slide the floor carpet forward.

- 12. INSTALL LOWER CENTER PILLAR GARNISHES**
- 13. INSTALL REAR DOOR SCUFF PLATES**
- 14. INSTALL COWL SIDE TRIMS**
- 15. INSTALL FRONT DOOR SCUFF PLATES**
- 16. INSTALL FRONT SEAT (See page [BO-113](#))**