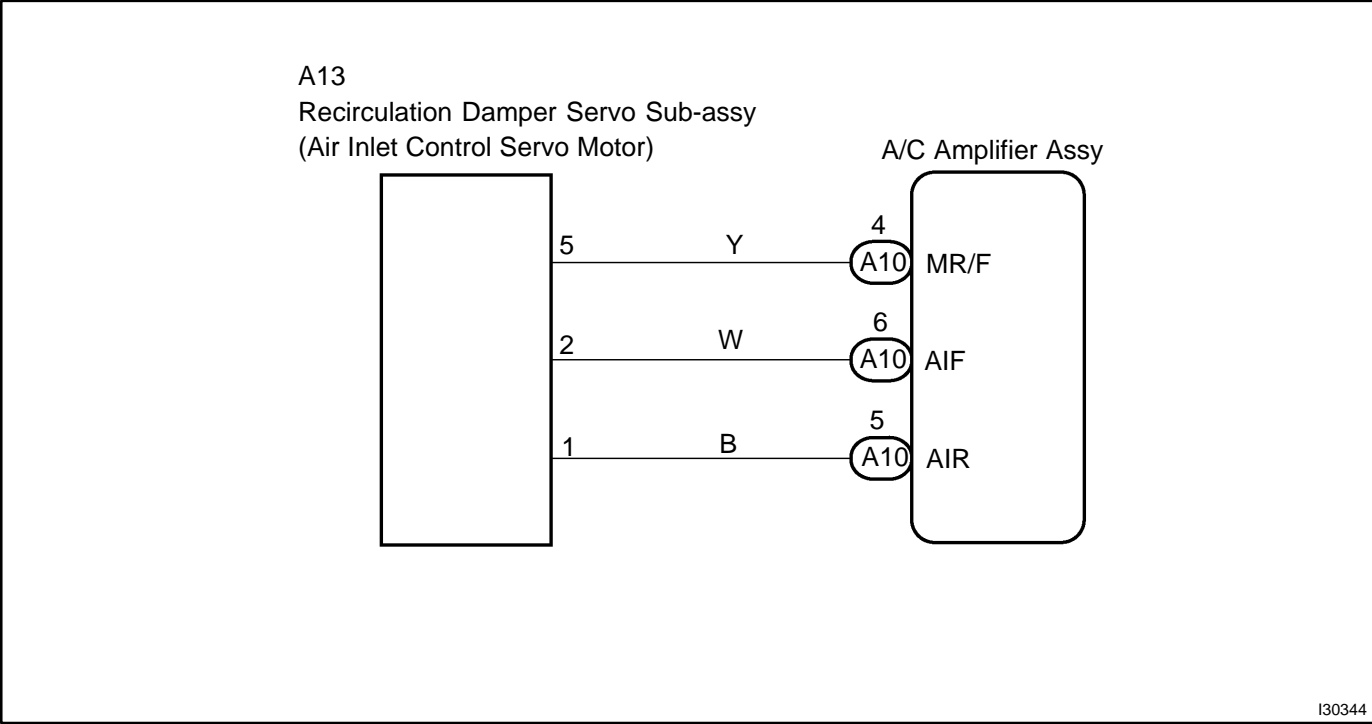


RECIRCULATION DAMPER SERVOMOTOR CIRCUIT

CIRCUIT DESCRIPTION

The A/C amplifier assy controls the recirculation damper servo sub-assy and moves it to the desired position.

WIRING DIAGRAM



INSPECTION PROCEDURE

1 PERFORM ACTUATOR CHECK

- (a) Remove the glove box to see and check the recirculation damper servo sub-assy operation.
- (b) Set to the actuator check mode (see page 05-1 117).
- (c) Press the DEF switch and change it to step operation.
- (d) Press the DEF switch in order and check the operation of recirculation damper servo sub-assy.

Display code	Recirculation damper position
0	FRESH
1	FRESH
2	FRESH
3	FRESH
4	RECIRCULATION
5	RECIRCULATION
6	RECIRCULATION
7	RECIRCULATION
8	RECIRCULATION
9	RECIRCULATION

OK:

Recirculation damper position changes in accordance with each display code.

Result:

NG	A
OK (Checking from the PROBLEM SYMPTOMS TABLE)	B
OK (Checking from the DTC)	C

B

PROCEED TO NEXT CIRCUIT INSPECTION SHOWN IN PROBLEM SYMPTOMS TABLE (SEE PAGE 05-1 129)

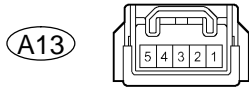
C

REPLACE AIRCONDITIONER AMPLIFIER ASSY

A

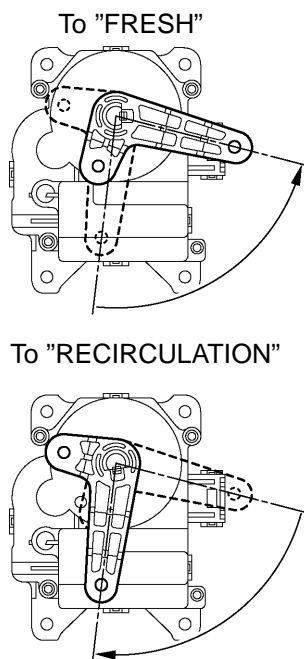
2 INSPECT RECIRCULATION DAMPER SERVO SUB-ASSY(AIR INLET CONTROL SERVO MOTOR)

Recirculation Damper Servo Sub-assy Connector Wire Harness View:



I30157

- Remove the recirculation damper servo sub-assy.
- Connect the positive (+) lead to from the battery to terminal 5 and negative (-) lead to terminal 2, then check that the lever turns to "FRESH" side smoothly.
- Connect the positive (+) lead to from the battery to terminal 1 and negative (-) lead to terminal 5, then check that the lever turns to "RECIRCULATION" side smoothly.



N

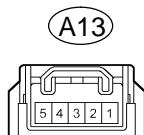
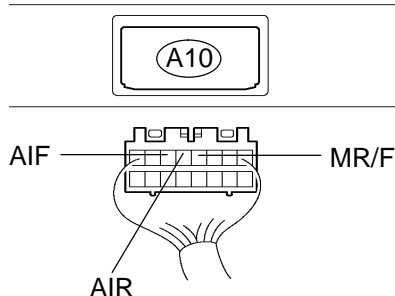
I30336

NG

**REPLACE RECIRCULATION DAMPER SERVO
SUB-ASSY(AIR INLET CONTROL SERVO
MOTOR)**

OK

3

CHECK HARNESS AND CONNECTOR(RECIRCULATION DAMPER SERVO SUB-ASSY (AIR INLET CONTROL SERVO MOTOR) - A/C AMPLIFIER ASSY)**Recirculation Damper Servo Sub-assy Wire Harness View:****A/C Amplifier Connector Wire Harness View:**

I41014

- (a) Measure the resistance according to the value(s) in the table below.

Standard:

Tester connection	Condition	Specified condition
A10-4 (MR/F) - A13-5	Always	Below 1 Ω
A10-6 (AIF) - A13-2	Always	Below 1 Ω
A10-5 (AIR) - A13-1	Always	Below 1 Ω
A10-4 (MR/F) - Body ground	Always	10 k Ω or higher
A10-6 (AIF) - Body ground	Always	10 k Ω or higher
A10-5 (AIR) - Body ground	Always	10 k Ω or higher

NG**REPAIR OR REPLACE HARNESS OR CONNECTOR****OK****REPLACE AIRCONDITIONER AMPLIFIER ASSY**