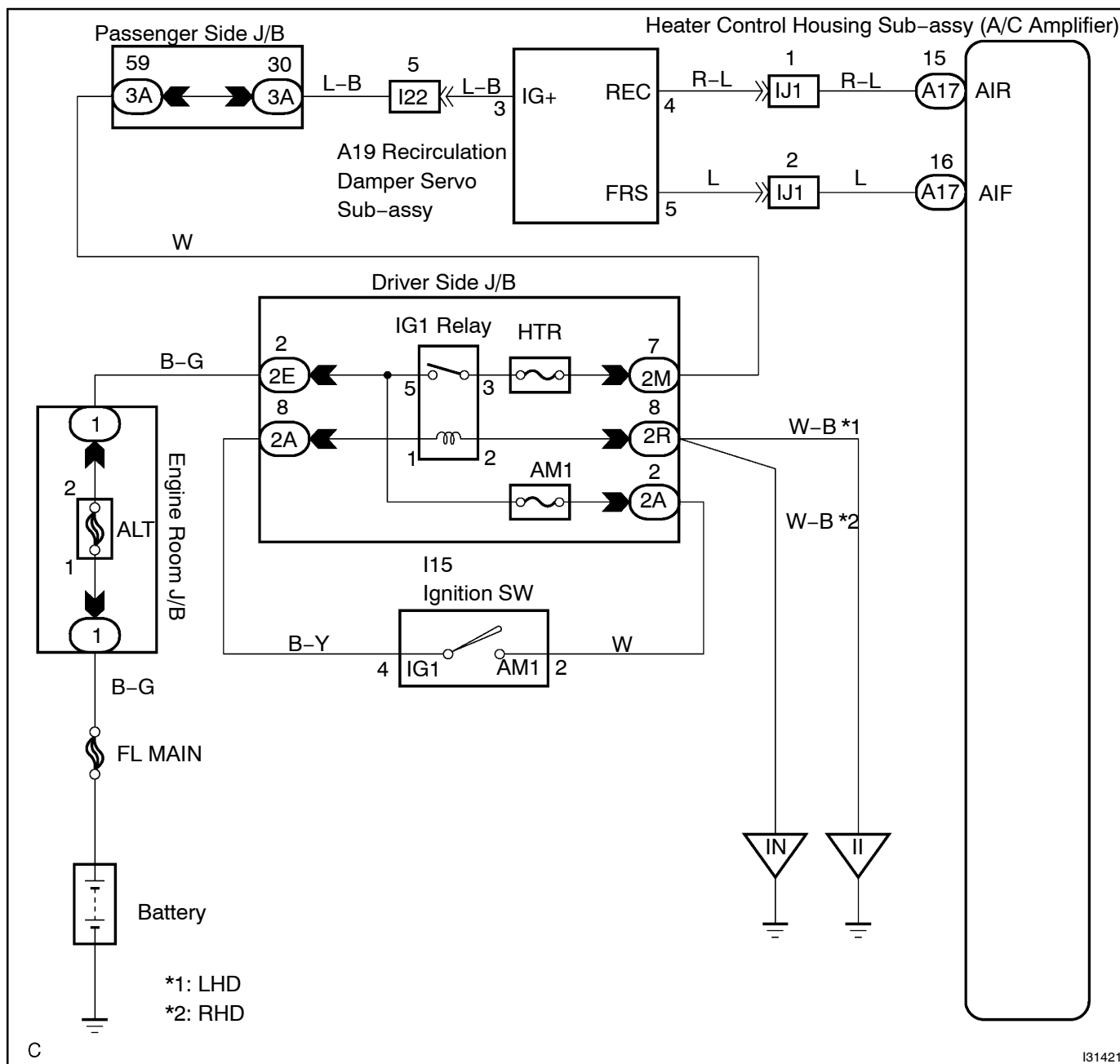


## RECIRCULATION DAMPER SERVOMOTOR CIRCUIT

### CIRCUIT DESCRIPTION

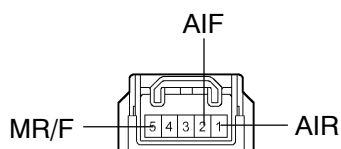
The recirculation damper servo sub-assy is controlled by the A/C amplifier assy and move the recirculation damper servo sub-assy to the desired position.

### WIRING DIAGRAM



## INSPECTION PROCEDURE

### 1 INSPECT RECIRCULATION DAMPER SERVO SUB-ASSY

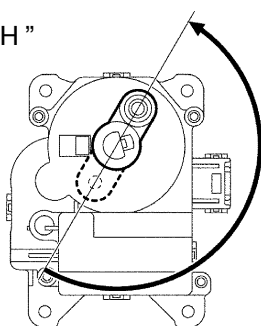


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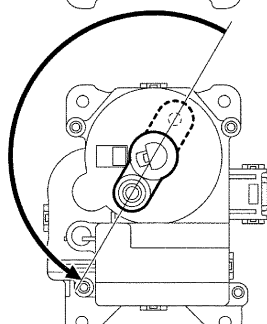
- (a) Remove the recirculation damper servo sub-assy.
- (b) Connect the positive (+) lead to from the battery to terminal 5 and negative (-) lead to terminal 2, then check that the lever turns to "FRESH" side smoothly.
- (c) Connect the positive (+) lead to from the battery to terminal 1 and negative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

**LHD:**

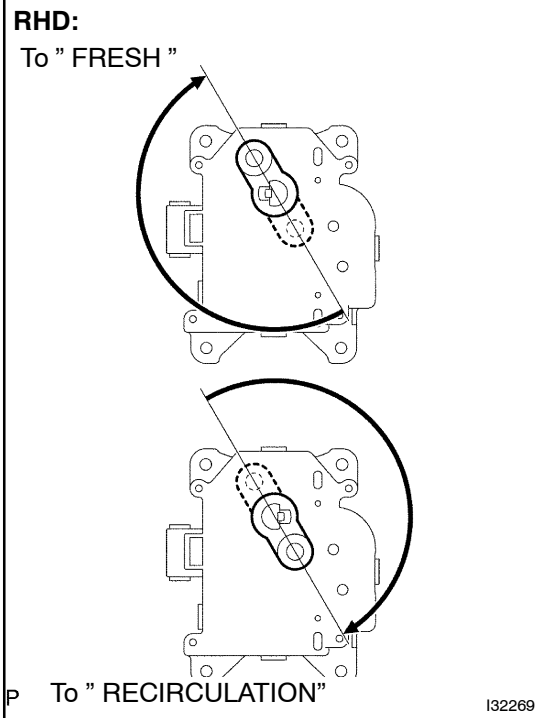
To " FRESH "



P To " RECIRCULATION "



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NG

**REPLACE RECIRCULATION DAMPER SERVO  
SUB-ASSY**

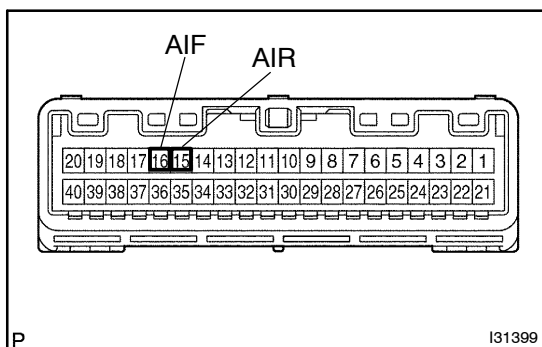
OK

**2****CHECK HARNESS AND CONNECTOR(BETWEEN RECIRCULATION DAMPER  
SERVO AND HEATER CONTROL HOUSING SUB-ASSY)**

NG

**REPAIR OR REPLACE HARNESS OR  
CONNECTOR**

OK

**3 INSPECT HEATER CONTROL HOUSING SUB-ASSY(AIF, AIR)**

- (a) Remove A/C amplifier with connectors still connected.
- (b) Measure voltage between terminal AIF of A/C amplifier and body ground when recirculation switch is operated, as shown in the chart.

**Voltage:**

Recirculation switch	Voltage (V)
FRESH	Below 1.0
RECIRCULATION	10 - 14

- (c) Measure voltage between terminal AIR of A/C amplifier and body ground when recirculation switch is operated, as shown in the chart.

**Voltage:**

Recirculation switch	Voltage (V)
FRESH	10 - 14
RECIRCULATION	Below 1.0

**NG****CHECK AND REPLACE HEATER CONTROL HOUSING SUB-ASSY****OK****PROCEED TO NEXT CIRCUIT INSPECTION SHOWN ON PROBLEM SYMPTOM TABLE**