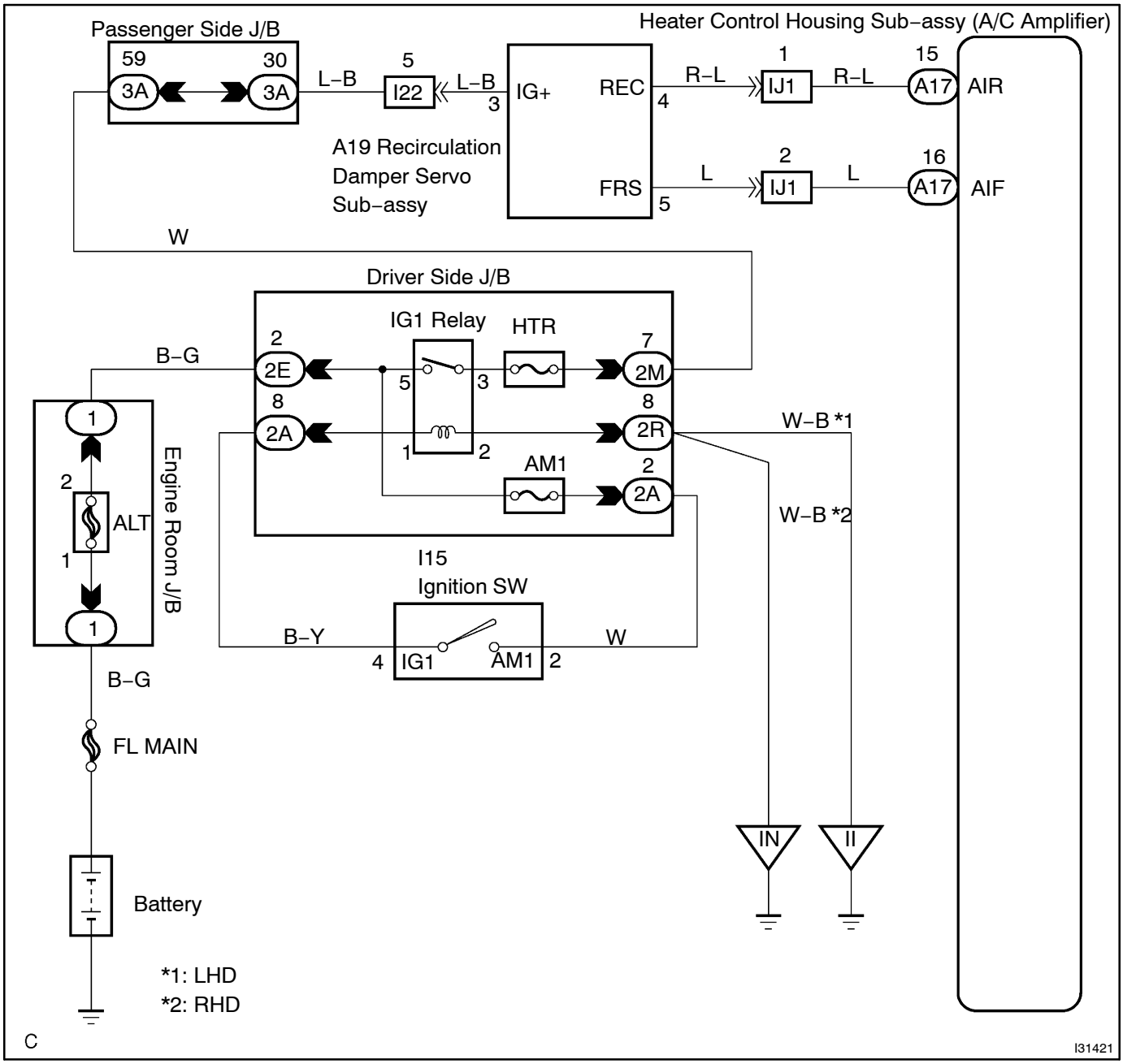
RECIRCULATION DAMPER SERVOMOTOR CIRCUIT

CIRCUIT DESCRIPTION

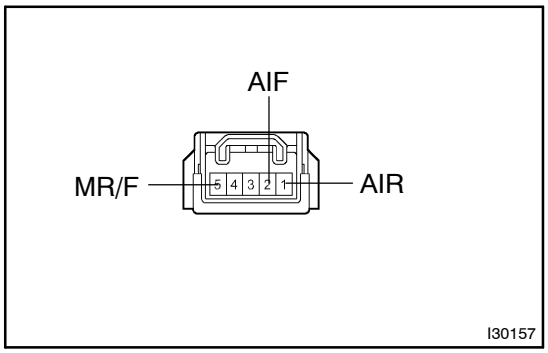
The recirculation damper servo sub–assy is controlled by the A/C amplifier assy and move the recirculation damper servo sub–assy to the desired position.

WIRING DIAGRAM

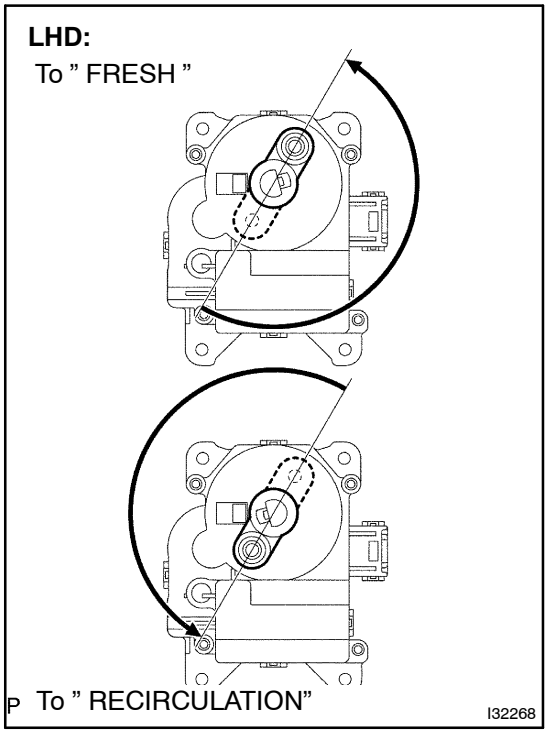


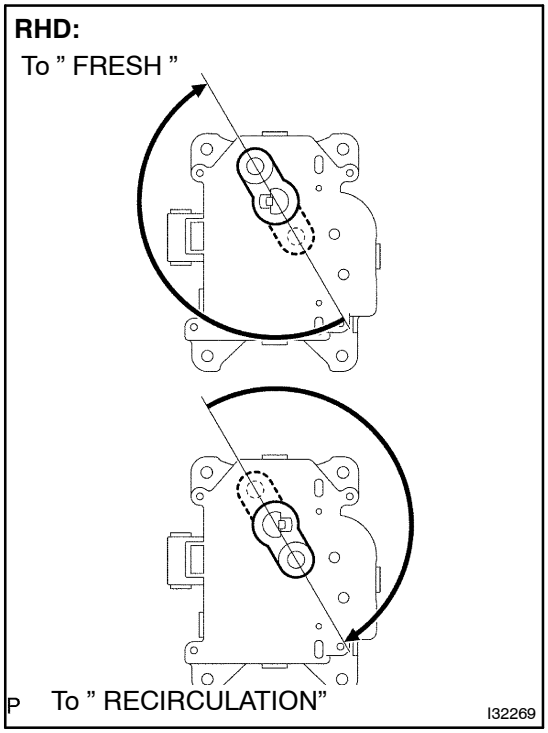
INSPECTION PROCEDURE

1	INSPECT RECIRCULATION DAMPER SERVO SUB–ASSY



(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.





NG	**REPLACE RECIRCULATION DAMPER SERVO SUB–ASSY**

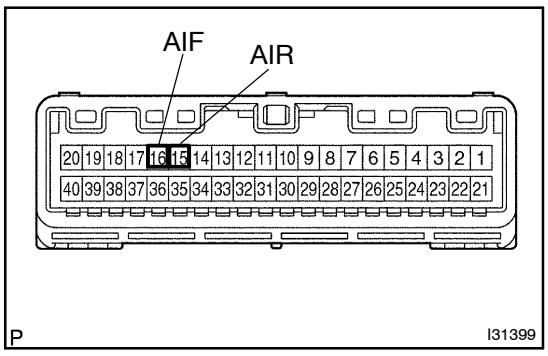
OK

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