

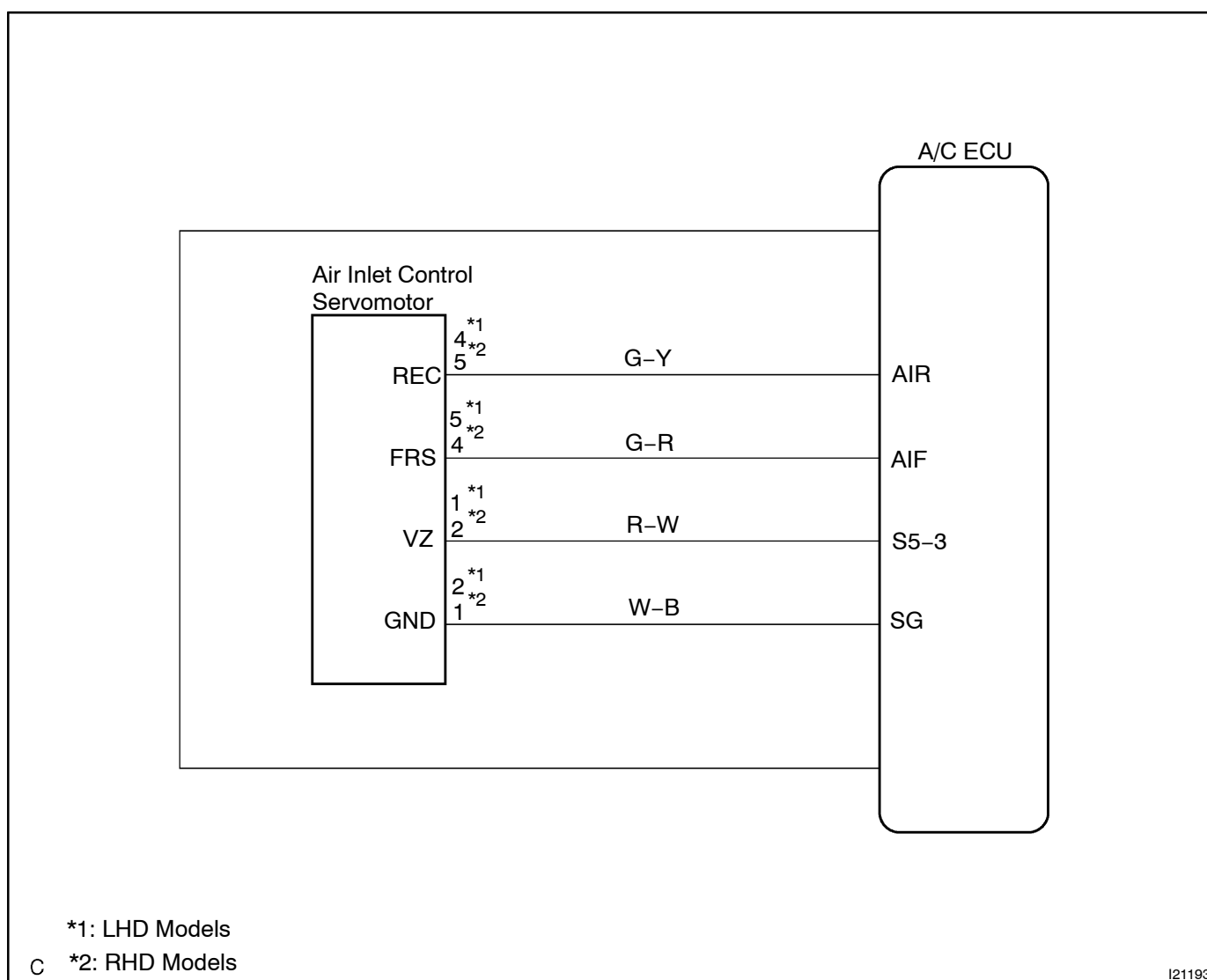
DTC	B1442/42	Air Inlet Damper Control Servomotor Circuit
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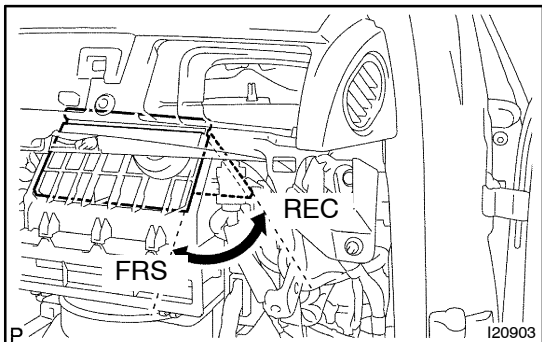
CIRCUIT DESCRIPTION

The air inlet damper control servomotor is controlled by the A/C ECU and moves the air inlet damper to the desired position.

DTC No.	Detection item	Trouble Area
B1442/42	Air inlet damper position sensor value does not change even if A/C ECU operated air inlet damper control servomotor.	• Air inlet damper position sensor. • Harness or connector between air inlet damper control servomotor assembly and A/C ECU. • A/C ECU.

WIRING DIAGRAM



INSPECTION PROCEDURE**1 Actuator check.****PREPARATION:**

- (a) Remove glove box to see and check the air inlet damper operation.
- (b) Set to the actuator check mode ([See page DI-1757](#)).
- (c) Press the driver side UP switch and change it to step operation.

CHECK:

Press the driver side UP switch in order and check the operation of air inlet damper.

OK:

Display Code	Air Inlet Damper
0 - 1	FRS
2	F/R
3	REC
4 - 9	FRS

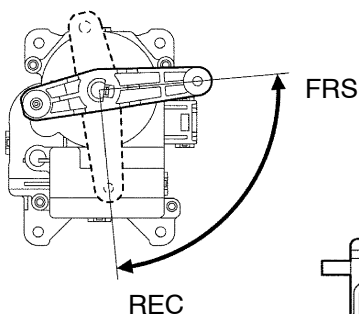
OK

Proceed to next circuit inspection shown on problem symptoms table ([See page DI-1772](#)).

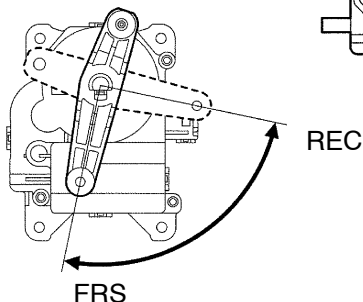
NG

2 Check air inlet damper control servomotor.

LHD:



RHD:



P

I20898

PREPARATION:

Remove air inlet servomotor ([See page AC-44](#)).

CHECK:

Connect positive (+) lead to terminal 4 (5) and negative (–) lead to terminal 5 (4).

(): RHD models

OK:

The lever moves smoothly to REC position.

CHECK:

Connect positive (+) lead to terminal 5 (4) and negative (–) lead to terminal 4 (5).

(): RHD models

OK:

The lever moves smoothly to FRS position.

NG

Replace air inlet damper control servomotor assembly.

OK

3 Check harness and connector between A/C ECU and air inlet damper control servomotor ([See page IN-35](#)).

NG

Repair or replace harness or connector.

OK

Check and replace A/C ECU.