

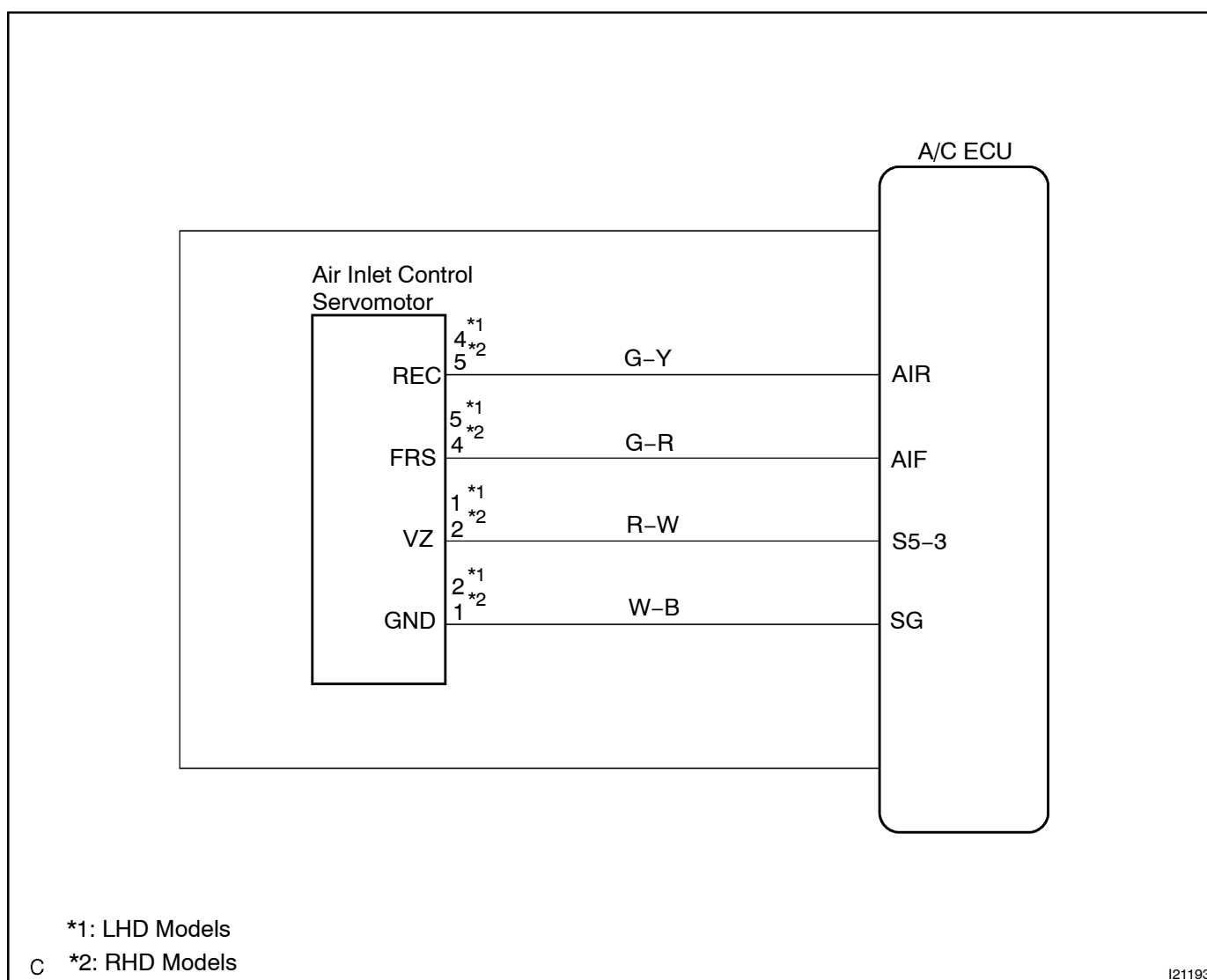
DTC	B1442/42	Air Inlet Damper Control Servomotor Circuit
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CIRCUIT DESCRIPTION

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

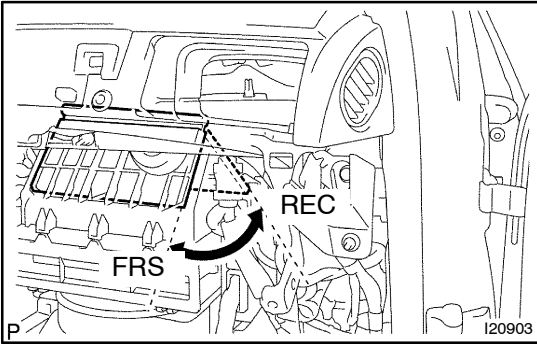
DTC No.	Detection item	Trouble Area
B1442/42	Air inlet damper position sensor value does not change even if A/C ECU operated air inlet damper control servomotor.	<ul style="list-style-type: none"> • Air inlet damper position sensor. • Harness or connector between air inlet damper control servomotor assembly 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 -	FRS
2	F/R
3	REC
4 -	FRS

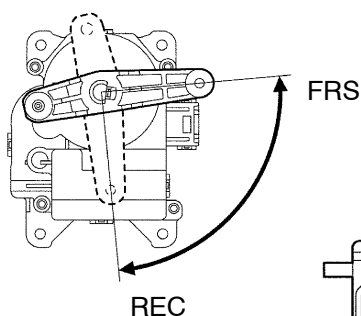
OK

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

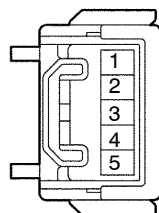
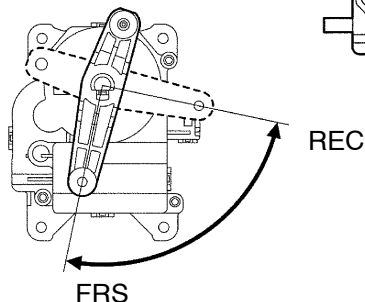
NG

2 Check air inlet damper control servomotor.

LHD:



RHD:



PREPARATION:

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

CHECK:

Connect positive (+) lead to terminal 4 (5) and negative (-) lead to terminal 3 (4).

(): RHD models

OK:

The lever moves smoothly to REC position.

CHECK:

Connect positive (+) lead to terminal 3 (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.