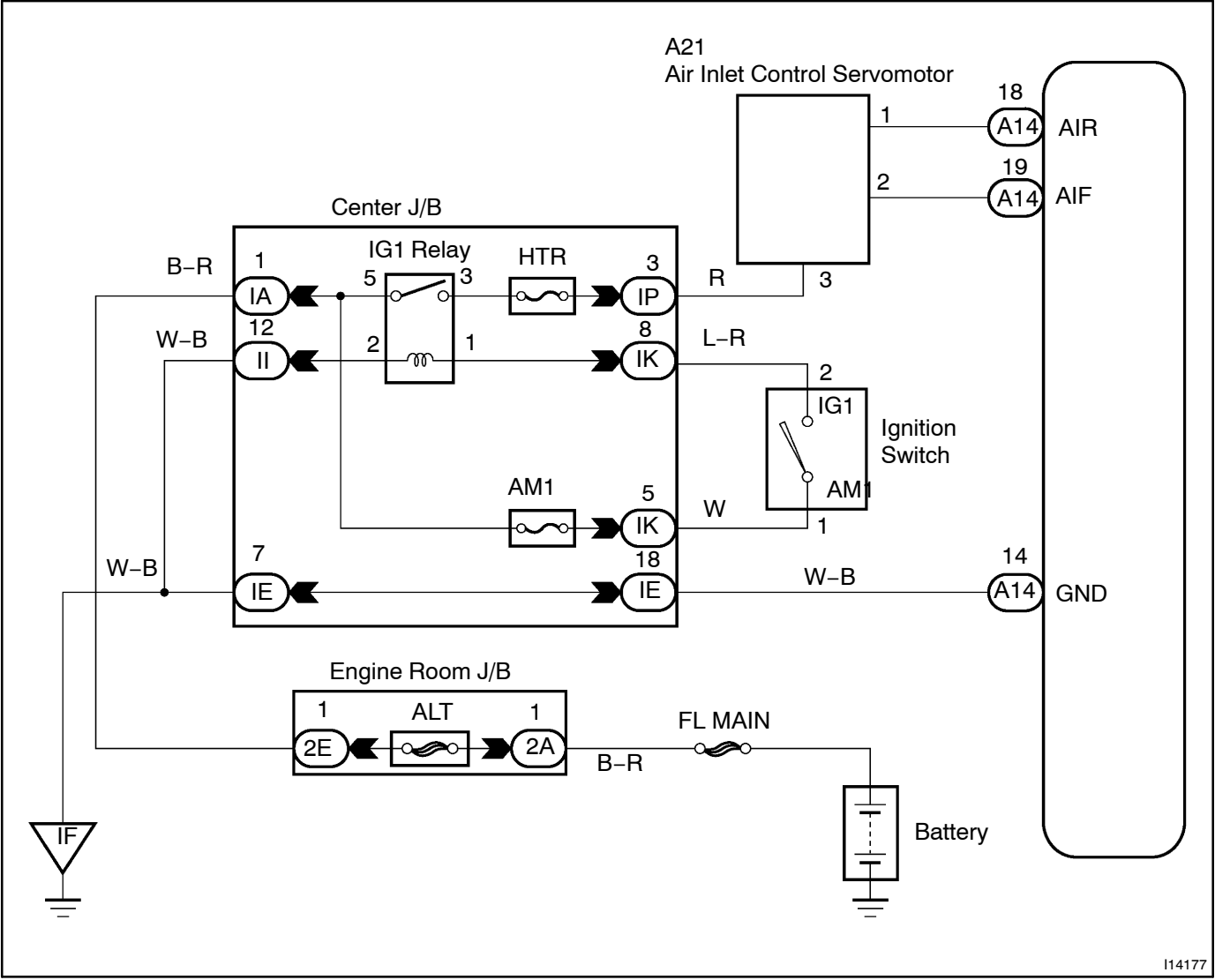


Air Inlet Control Servomotor Circuit

CIRCUIT DESCRIPTION

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

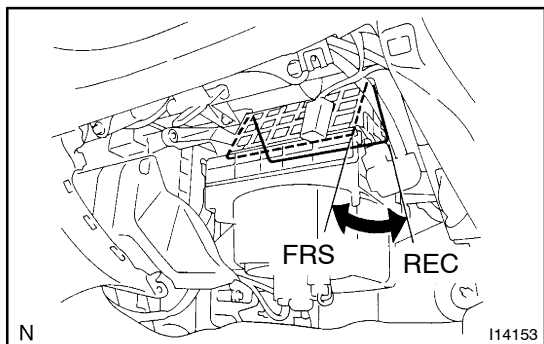
WIRING DIAGRAM



I14177

INSPECTION PROCEDURE

1 Actuator check.

**PREPARATION:**

- (a) Remove glove compartment to see and check the air inlet damper operation.
- (b) Set to the actuator check mode ([See page DI-425](#)).
- (c) Press the DEF switch and change it to step operation.

CHECK:

Press the DEF switch and check the operation air inlet damper.

OK:

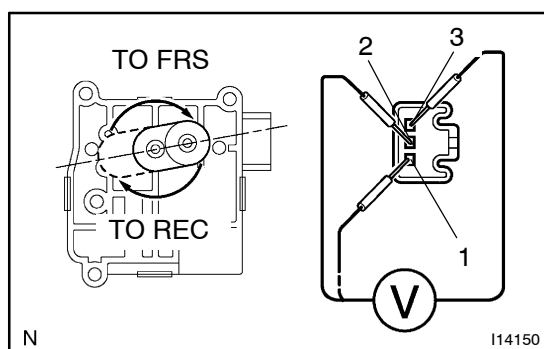
Display Code	Air Inlet Damper
0 - 2	FRS
3 - 9	REC

OK

Proceed to next circuit inspection shown on problem symptoms table ([See page DI-432](#)).

NG

2 Check air inlet control servomotor.

**PREPARATION:**

Remove air inlet control servomotor ([See page AC-33](#)).

CHECK:

Connect positive (+) lead from the battery to terminal 3 and negative (-) lead to terminal 2.

OK:

The lever rotates clockwise and stop on FRS position.

CHECK:

Connect negative (-) lead to terminal 1 and positive (+) lead to terminal 3.

OK:

The lever rotates clockwise and stop on REC position.

NG

Replace air inlet control servomotor.

NG

3

Check harness and connector between A/C control assembly and air inlet control servomotor ([See page IN-30](#)).

NG

Repair or replace harness or connector.

OK

Check and replace A/C control assembly.