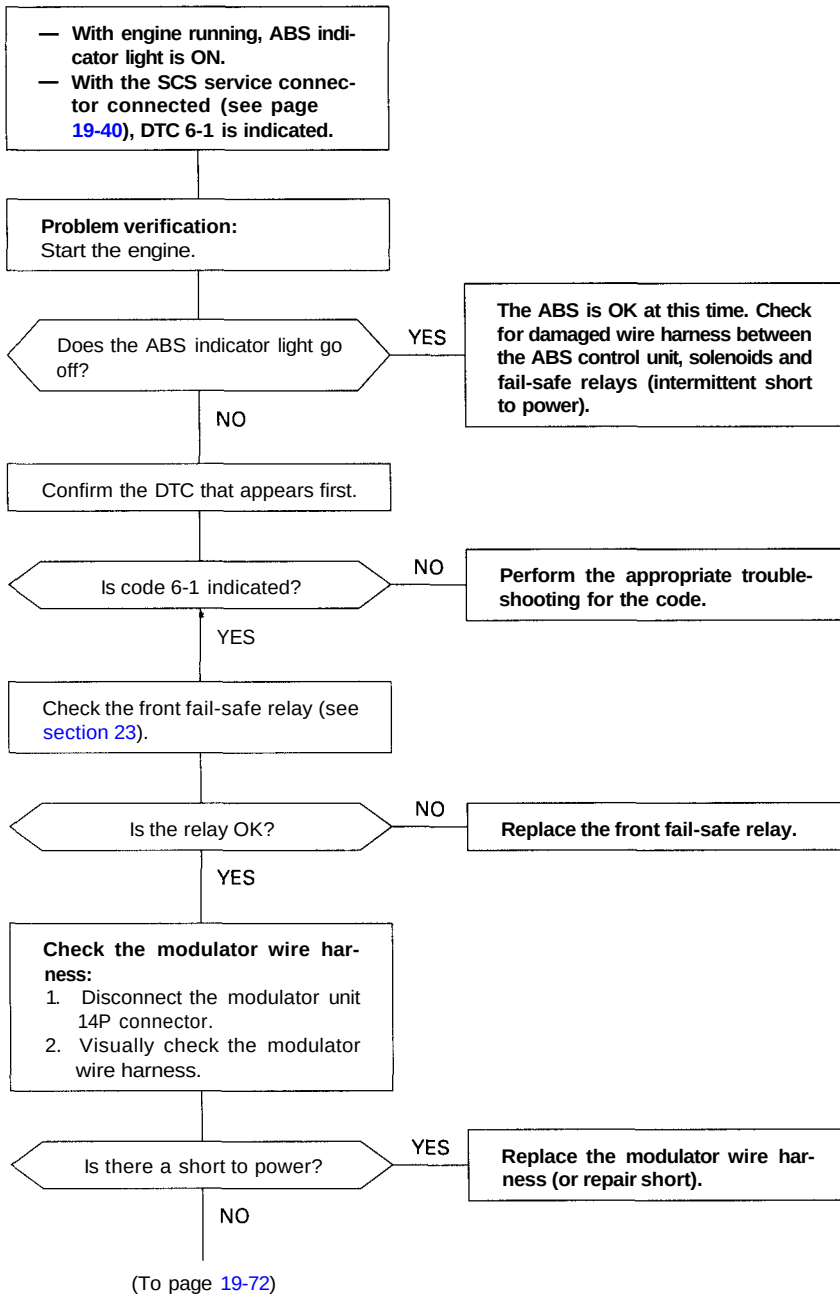


DTC 6-1: Front Fail-safe Relay

The ABS control unit monitors the voltage from the battery for the six solenoids during the initial diagnosis when the fail-safe relays are OFF. The ABS control unit keeps the ABS indicator light on if it detects battery voltage at the front solenoid circuits.

Possible causes:

- Front fail-safe relay stuck ON
- Short to power in the solenoid drive circuits between the front fail-safe relay and ABS control unit



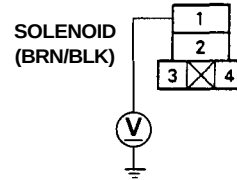
(cont'd)

Troubleshooting

DTC 6-1: Front Fail-safe Relay (cont'd)

(From page 19-71)

FRONT FAIL-SAFE RELAY CONNECTOR



Terminal side of female terminals

Check for a short to power in the SOLENOID circuit:

1. Start the engine.
2. Measure the voltage between the front fail-safe relay connector No. 1 terminal and body ground.

NOTE: The fail-safe relays are OFF when the ABS indicator light is kept on.

Is there battery voltage?

YES

Repair short to power in the wire between the front fail-safe relay and modulator unit.

NO

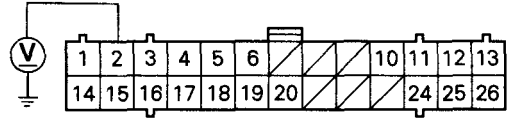
Check for a short to power in the FR-IN circuit:

1. Turn the ignition switch OFF.
2. Disconnect the ABS control unit 26P connector.
3. Start the engine.
4. Measure the voltage between terminal No. 2 and body ground.

NOTE: Check with the modulator unit UP connector disconnected.

ABS CONTROL UNIT 26P CONNECTOR

FR-IN (RED/BLK)



Wire side of female terminals

Is there battery voltage?

YES

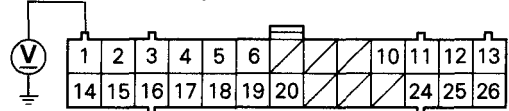
Repair short to power in the wire between the ABS control unit and modulator unit.

NO

Check for a short to power in the FL-IN circuit:

Measure the voltage between the ABS control unit 26P connector terminal No. 1 and body ground.

FL-IN (RED/BLU)



Is there battery voltage?

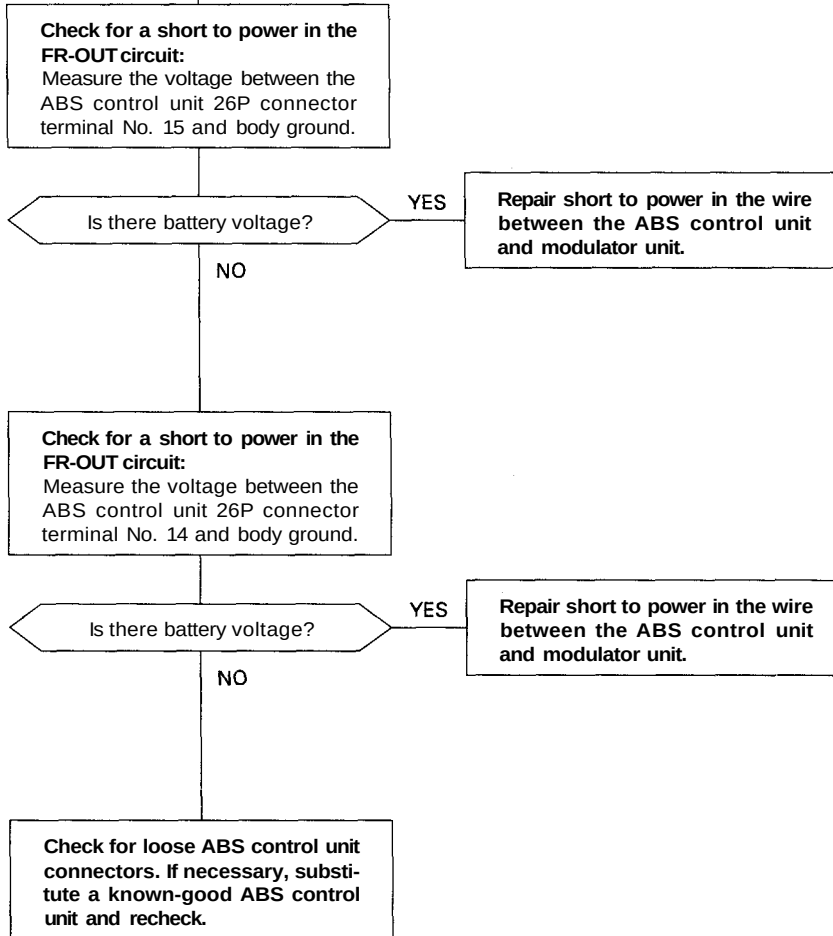
YES

Repair short to power in the wire between the ABS control unit and modulator unit.

NO

(To page 19-73)

(From page 19-72)



ABS CONTROL UNIT 26P CONNECTOR

1	2	3	4	5	6				10	11	12	13
14	15	16	17	18	19	20				24	25	26

FR-OUT (YEL/BLK)



Wire side of female terminals

1	2	3	4	5	6				10	11	12	13
14	15	16	17	18	19	20				24	25	26

FL-OUT (YEL/BLU)

