

Troubleshooting

Front and Rear Fail-safe Relays

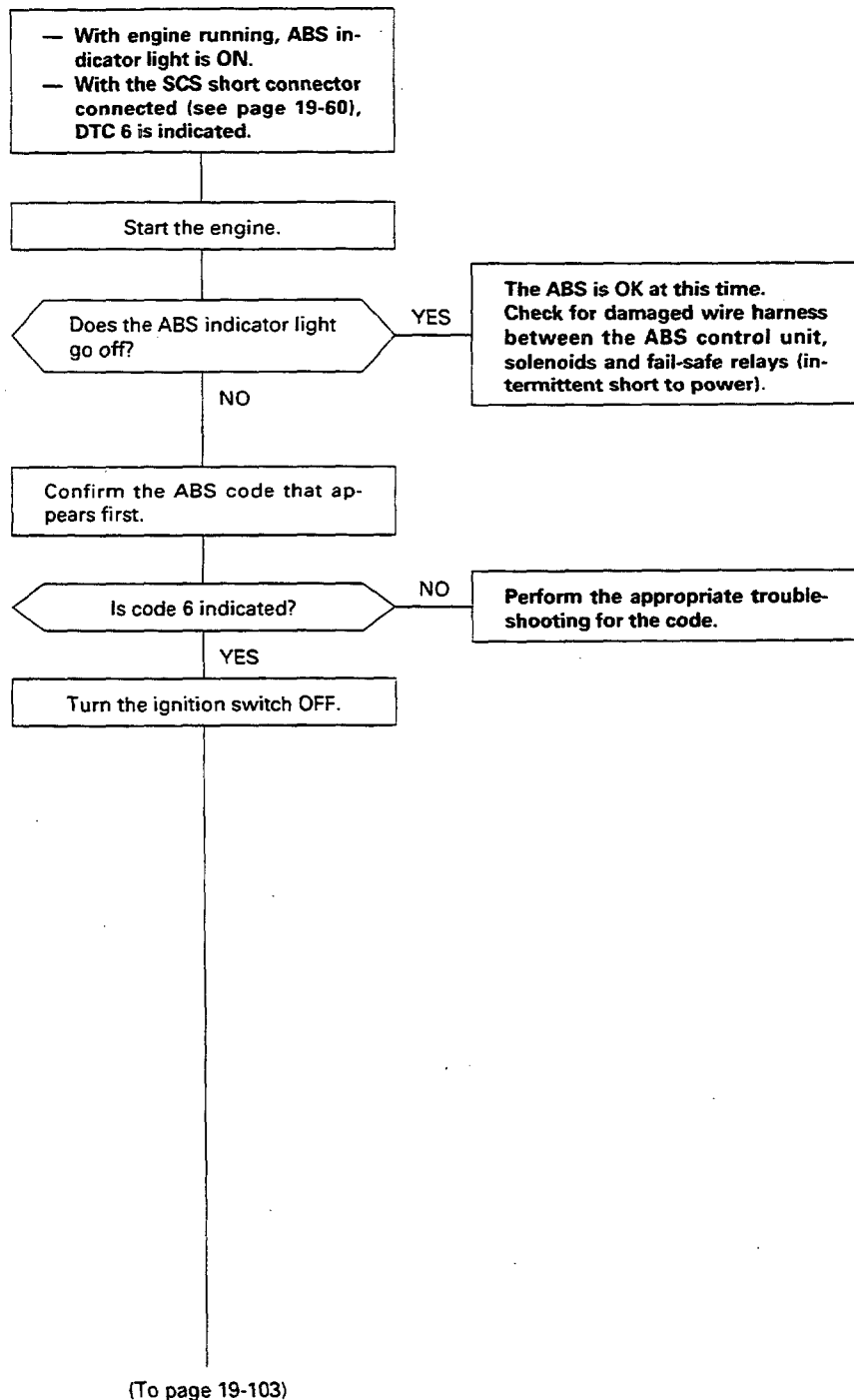
Diagnostic Trouble Code (DTC) 6: Front and Rear Fail-safe Relays Diagnosis

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 and rear solenoid circuits.

Possible causes:

- Short to power in the relay drive circuits between the fail-safe relays and ABS control unit
- Faulty relay drive transistor (ON) in the ABS control unit



(From page 19-102)

Disconnect the ABS control unit 22P connector.

Start the engine.

Measure the voltage between the ABS control unit 22P connector No. 1 (YEL/GRN) terminal and body ground.

Is there battery voltage?

YES

Repair short to power in the YEL/GRN wire between ABS control unit, and front and rear fail-safe relays.

NO

Turn the ignition switch OFF.

Connect the ABS control unit 22P connector.

Turn the ignition switch ON.

Measure the voltage between the ABS control unit 22P connector No. 1 (YEL/GRN) terminal and body ground.

Is there battery voltage?

YES

Replace the ABS control unit. (Faulty fail-safe relay drive transistor)

NO

Perform the troubleshooting for DTC 6-1 (see page 19-104) and DTC 6-4 (see page 19-107).

