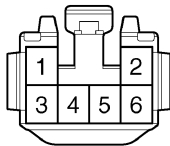


INSPECTION

NOTICE:

- When jacking or lifting up vehicles which have air suspension and running the engine, connect terminals Ts and CG of DLC3 before starting the inspection (See page SA-1).
- When replacing PPS ECU, be careful not to also replace tilt and telescopic ECU.

Wire harness side:



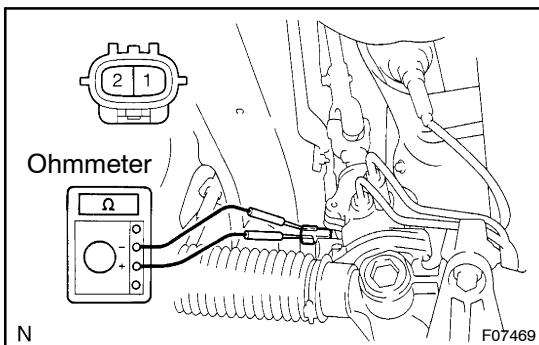
F03098

1. **INSPECT ECU-IG FUSE (Instrument panel J/B)**
(See page BE-14)
2. **INSPECT PPS ECU CIRCUIT**
 - (a) Disconnect the PPS ECU connector.
 - (b) Inspect the connector on wire harness side, as shown in the illustration.

Tester connection	Condition	Specified condition
4 - Body ground	Ignition switch ON	Battery voltage
6 - Body ground	Ignition switch ON	Continuity
*5 - 6	Ignition switch ON. Spin the rear wheel on one side when jacking or lifting UP.	0 → ∞ → 0 → ∞ →

If the circuit is not as specified, check and replace the wire harness.

*If the circuit is not as specified, inspect the speed sensor.

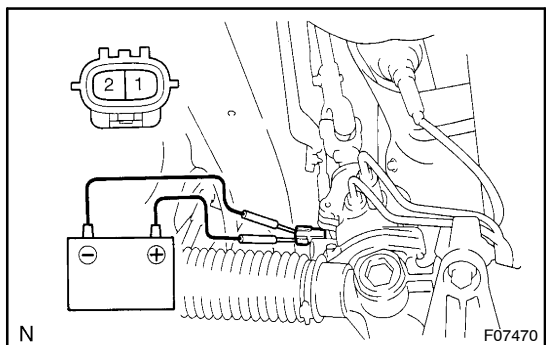


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3. **INSPECT PPS SOLENOID VALVE**
 - (a) Disconnect the PPS solenoid connector.
 - (b) Measure the resistance between the terminals of the solenoid 1 and 2.

Resistance: 6 - 11 Ω

If it is not as specified, replace the pressure control valve with the solenoid valve.

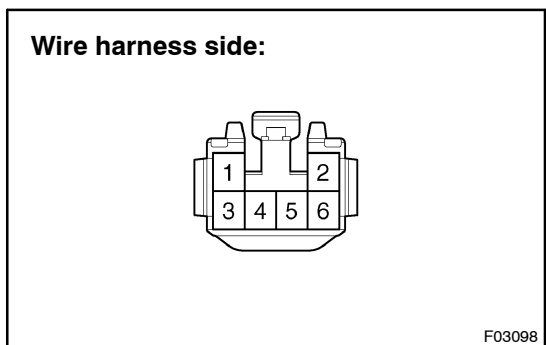


- (c) Check the PPS solenoid operation.
 - (1) Connect the battery positive terminal to the solenoid terminal 1.
 - (2) Connect the battery negative terminal to the solenoid terminal 2.
 - (3) Check that the solenoid makes a "click" sound.

If it is faulty, replace the pressure control valve with the solenoid valve.

NOTICE:

- Do not apply voltage for more than 30 seconds to avoid burning out the solenoid.
 - If repeating this step, wait until the solenoid cools down enough that it can be touched by hand.
- (d) Connect the PPS solenoid connector.

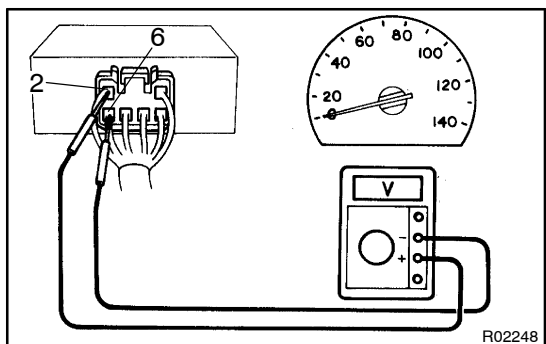


- (e) Inspect the PPS solenoid valve circuit.
 - (1) Disconnect the PPS ECU connector.
 - (2) Check continuity between the terminals of the connector on wire harness side, as shown in the illustration.

Tester connection	Specified condition
1 - 6	No continuity
2 - 6	No continuity

If it is not as specified, repair or replace wire harness or connector.

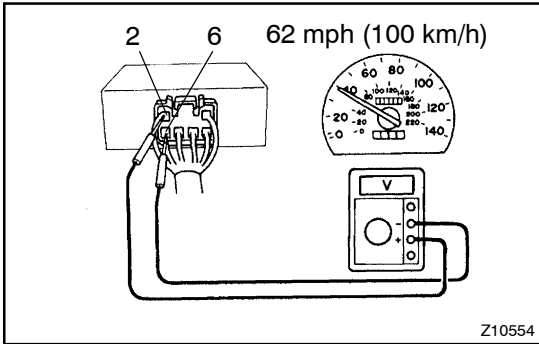
- (3) Connect the PPS ECU connector.



4. INSPECT PPS ECU

- (a) Jack up the vehicle and support it on stands.
- (b) Start the engine.
- (c) Measure the voltage of ECU.
 - (1) Using a voltmeter, measure the voltage between ECU terminals 2 and 6 while the engine is idling.

Standard voltage: 0.33 - 0.43 V



- (2) Place the transmission in gear and while running at about 62 mph (100 km/h), measure the voltage between ECU terminals 2 and 6.

Standard voltage: 0.16 – 0.30 V

If no voltage, try another ECU for CENTURY.

- (d) Lower the vehicle.