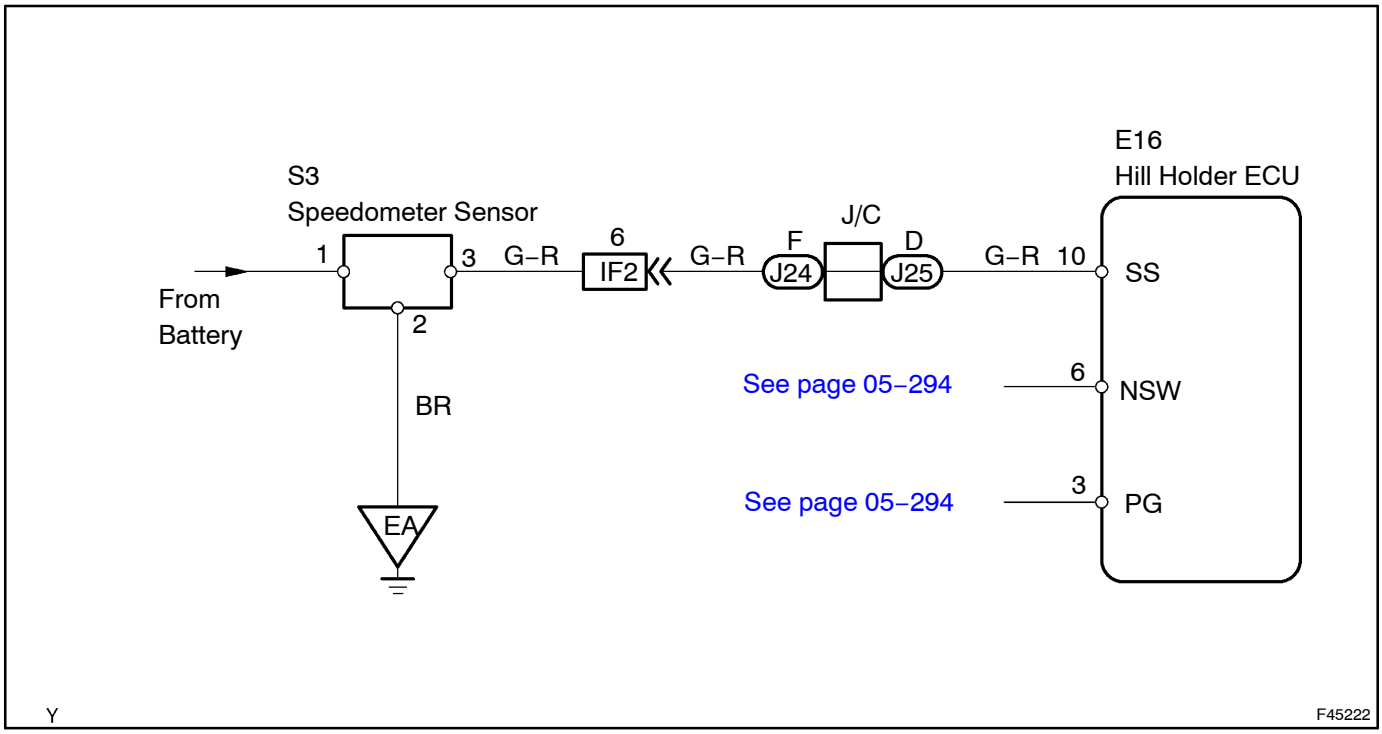
DTC	4	VEHICLE SPEED SENSOR MALFUNCTION (SPEEDOMETER SENSOR)

CIRCUIT DESCRIPTION

The speedometer sensor detects vehicle speed and sends the signal to the hill holder ECU.

DTC No.	DTC Detection Condition	Trouble Area
4	While deceleration sensor changes with gear shifted and clutch connected, no vehicle speed pulse occurs for 20 sec.	• Speedometer sensor • Hill holder ECU

WIRING DIAGRAM



INSPECTION PROCEDURE

1	CHECK SPEEDOMETER (OPERATION)

(a) Check that the speedometer is working properly.

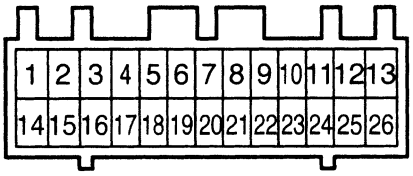
NG → REPLACE SPEEDOMETER SENSOR

OK

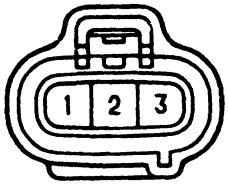
2 CHECK WIRE HARNESS (HILL HOLDER ECU ⇔ SPEEDOMETER SENSOR)

Wire Harness Side

E16
Hill Holder ECU



S3
Speedometer Sensor



F15695
F15696

F15714

(a) Disconnect the E16 ECU connector.
(b) Disconnect the S3 sensor connector.
(c) Check the continuity between the wire harness side connectors.

Standard:

Symbols (Terminal No.)	Specified Condition
SS (E16–10) ⇔ – (S3–3)	Continuity

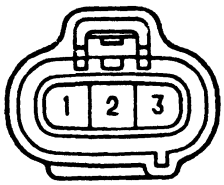
NG → **REPAIR OR REPLACE HARNESS AND CONNECTOR**

OK

3 CHECK SPEEDOMETER SENSOR (POWER SOURCE)

Wire Harness Side

S3
Speedometer Sensor



F15696

(a) Disconnect the S3 sensor connector.
(b) Check the voltage of the wire harness side connector.

Standard:

Terminal No.	Condition	Specified Condition
S3–1 ⇔ S3–2	Ignition switch ON	20 – 28 V

NG → **REPAIR OR REPLACE HARNESS AND CONNECTOR**

OK

REPAIR OR REPLACE HILL HOLDER ECU