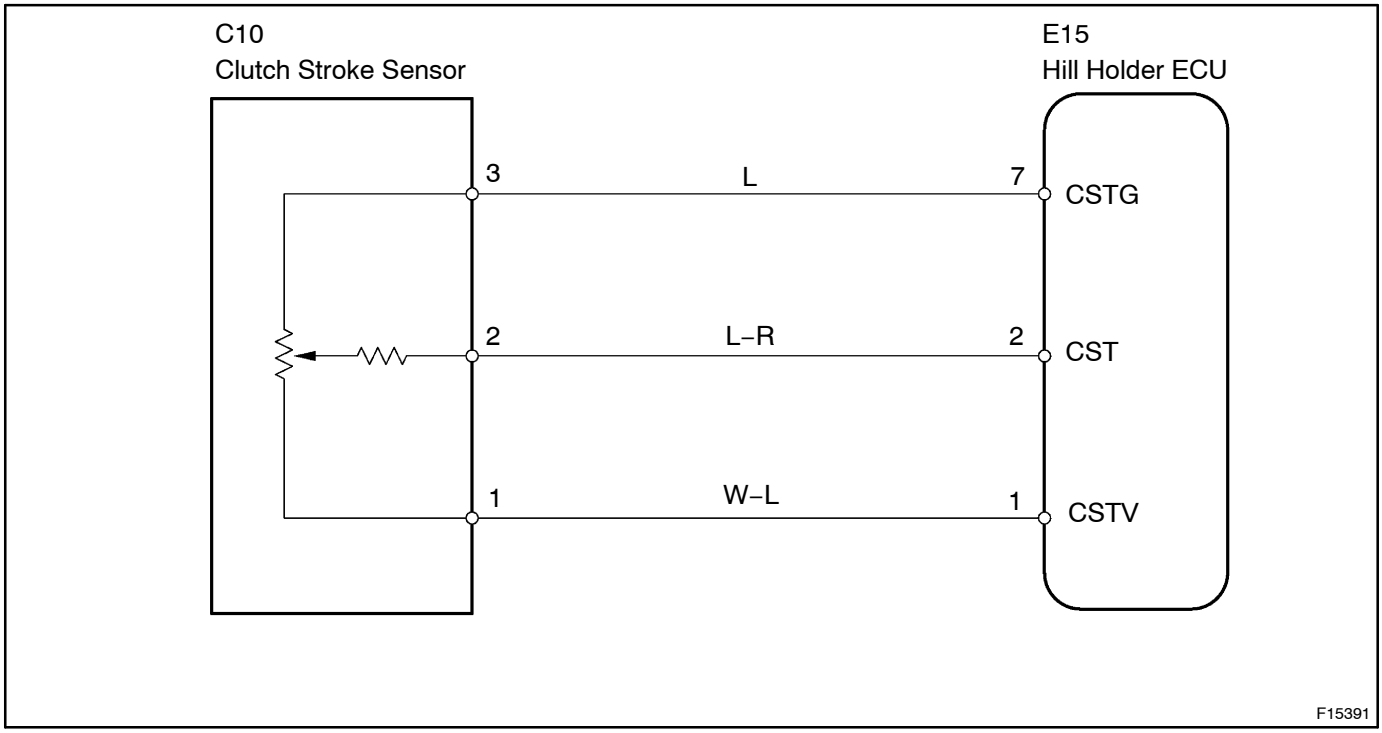
DTC	3	CLUTCH STROKE SENSOR SYSTEM MALFUNCTION

CIRCUIT DESCRIPTION

The clutch stroke sensor detects the depressed volume of the clutch pedal and sends the signal to the hill holder ECU.

DTC No.	DTC Detection Condition	Trouble Area
3	While vehicle is accelerated to 40 km/h from 0 km/h, deference between min. voltage and max. voltage of output signals from clutch stroke sensor becomes 2 V or less continuously 5 times.	• Clutch stroke sensor • Hill holder ECU

WIRING DIAGRAM



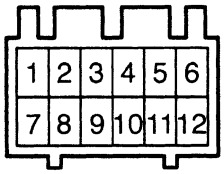
INSPECTION PROCEDURE

1	ADJUST CLUTCH STROKE SENSOR (See page 05–270)

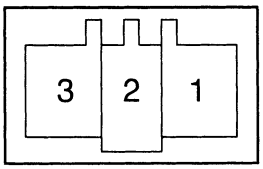
2	CHECK WIRE HARNESS (HILL HOLDER ECU ⇔ CLUTCH STROKE SENSOR)

Wire Harness Side

E15
Hill Holder ECU



C10
Clutch Stroke Sensor



F15691
F15692
F15712

(a) Disconnect the E15 ECU connector.
(b) Disconnect the C10 sensor connector.
(c) Check the continuity between the wire harness side connectors.

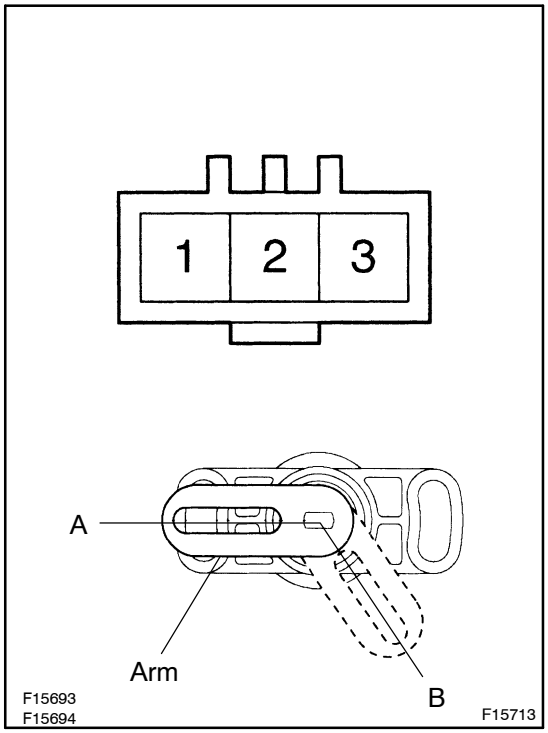
Standard:

Symbols (Terminal No.)	Specified Condition
CSTV (E15–1) ⇔ – (C10–3)	Continuity
CST (E15–2) ⇔ – (C10–2)	Continuity
CSTG (E15–7) ⇔ – (C10–1)	Continuity

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

OK

3	INSPECT CLUTCH STROKE SENSOR (See page 05–270)



(a) Check the sensor continuity.

Standard:

Terminal No.	Sensor Position	Specified Condition
1 ⇔ 3	Constant	1.6 – 2.4 kΩ
2 ⇔ 3	Position A	0.32 – 0.48 kΩ
2 ⇔ 3	Position B	1.92 – 2.88 kΩ
2 ⇔ 3	Arm is moved into position B from A	Charging

NG → **REPLACE CLUTCH STROKE SENSOR**

OK

CHECK AND REPLACE HILL HOLDER ECU