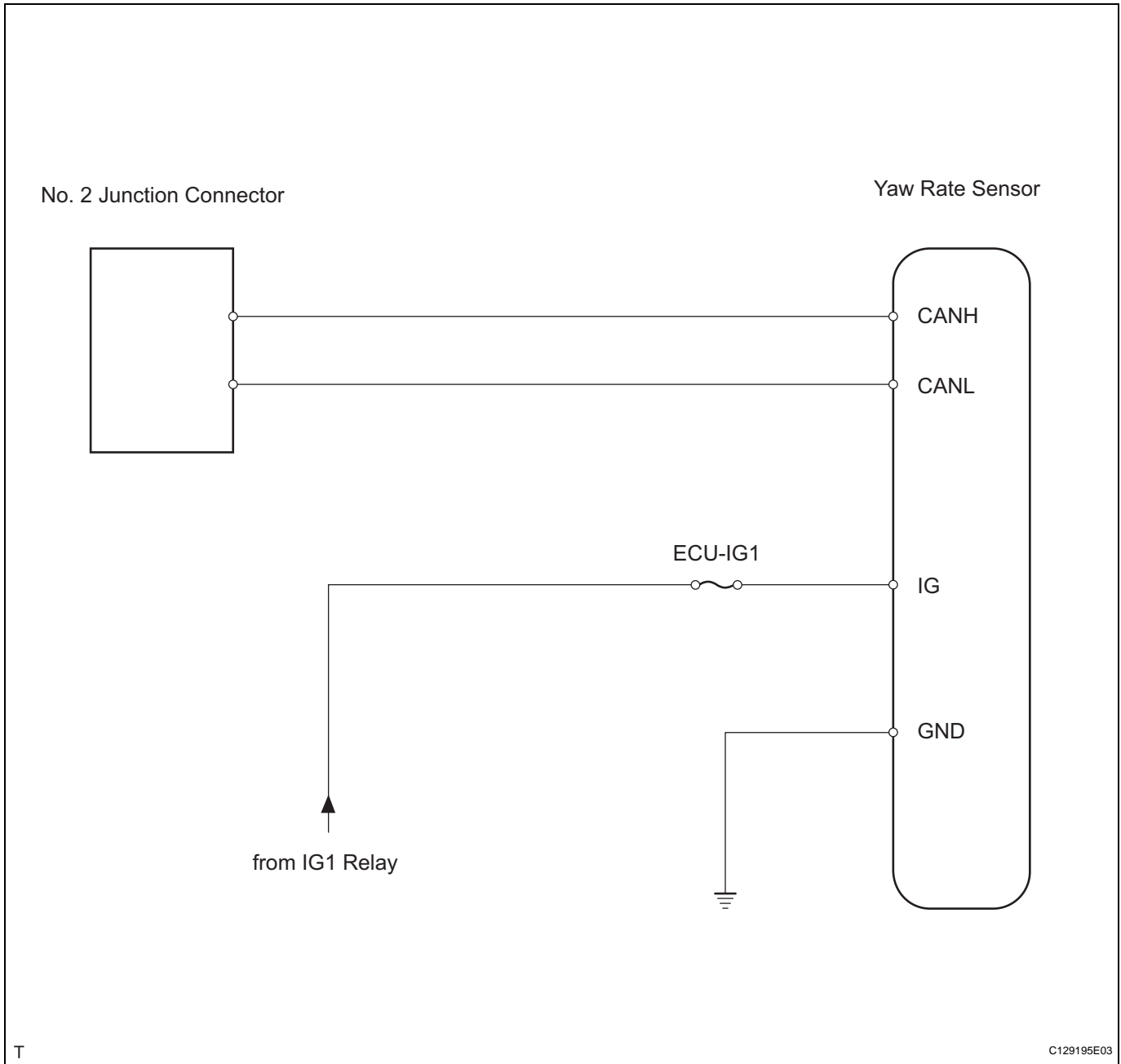


Yaw Rate Sensor Communication Stop Mode

DESCRIPTION

Detection Item	Symptom	Trouble Area
YAW RATE SENSOR COMMUNICATION STOP MODE	<ul style="list-style-type: none"> • YAW / DECELERAT is not displayed on "BUS CHECK" screen of intelligent tester • Applies to "YAW RATE SENSOR COMMUNICATION STOP MODE" in "DTC COMBINATION TABLE" 	<ul style="list-style-type: none"> • Power source or inside yaw rate sensor • Yaw rate sensor branch wire and connector • Yaw rate sensor

WIRING DIAGRAM



INSPECTION PROCEDURE

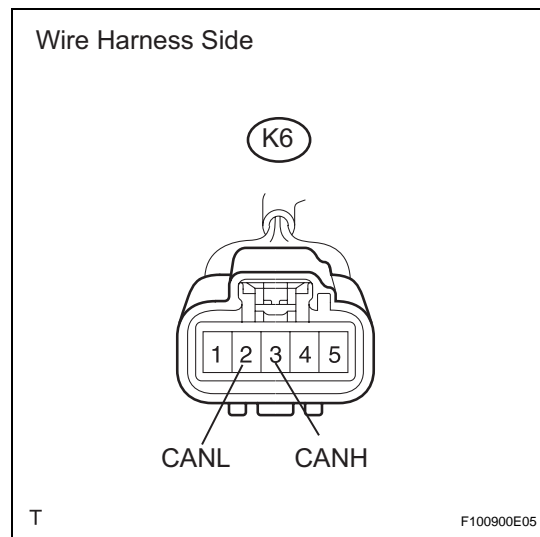
NOTICE:

- Turn the ignition switch OFF before measuring the resistances of the main wire and the branch wire.
- After the ignition switch is turned OFF, check that the key reminder warning system and light reminder warning system are not in operation.
- Before measuring the resistance, leave the vehicle for at least 1 minute and do not operate the ignition switch, any switches or doors. If doors need to be opened in order to check connectors, open the doors and leave them open.

HINT:

Operating the ignition switch, any switches or any doors triggers related ECU and sensor communication with the CAN, which causes resistance variation.

1 CHECK CAN BUS LINE FOR DISCONNECTION (YAW RATE SENSOR BRANCH WIRE)



- (a) Disconnect the K6 yaw rate sensor connector.
- (b) Measure the resistance of the wire harness side connector.

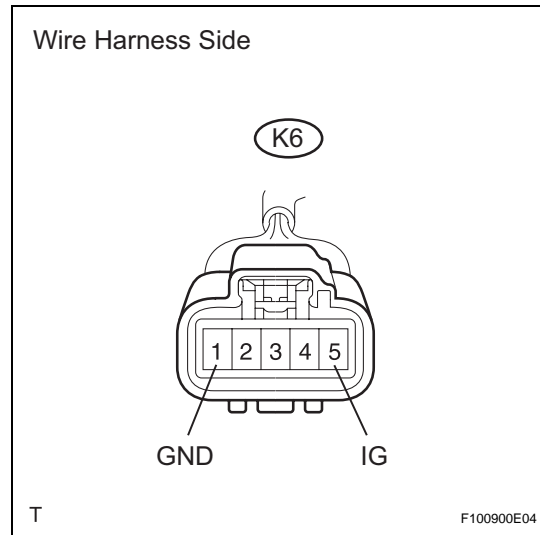
Standard resistance

Tester Connection	Condition	Specified Condition
K6-3 (CANH) - K6-2 (CANL)	Ignition switch OFF	54 to 69 Ω

NG REPAIR OR REPLACE CAN BRANCH WIRE CONNECTED TO YAW RATE SENSOR (CANH, CANL)

OK

2 CHECK WIRE HARNESS (YAW RATE SENSOR - BATTERY AND BODY GROUND)



- (a) Disconnect the K6 yaw rate sensor connector.
- (b) Measure the resistance of the wire harness side connector.

Standard resistance

Tester Connection	Specified Condition
K6-1 (GND) - Body ground	Below 1 Ω

- (c) Measure the voltage of the wire harness side connector.
- Standard voltage**

Tester Connection	Condition	Specified Condition
K6-5 (IG) - Body ground	Ignition switch ON	10 to 14 V

NG REPAIR OR REPLACE HARNESS AND CONNECTOR

CA

OK

REPLACE YAW RATE SENSOR

CA