DTC

12

Actuator Magnetic Clutch Circuit

CIRCUIT DESCRIPTION

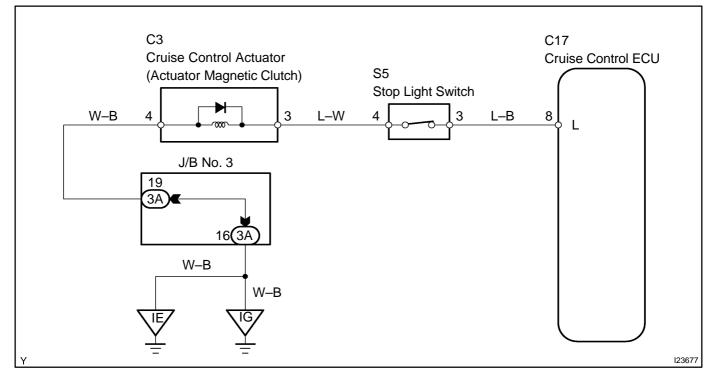
This circuit turns on the magnetic clutch inside the actuator during cruise control operation, according to the signal from the ECU. If a malfunction has occured in the actuator or speed sensor, etc. during cruise control operation, the rotor shaft between the motor and control plate is released.

When the brake pedal is depressed, the stop light switch turns on, supplying electrical power to the stop light. Power supply to the magnetic clutch is mechanically cut and the magnetic clutch is turned off.

When driving downhill, if the vehicle speed has exceeded the set speed by 8 km/h (5 mph), the ECU turns the safety magnet clutch off. If the vehicle speed later drops to within 5 km/h (3 mph), cruise control at the set speed is resumed.

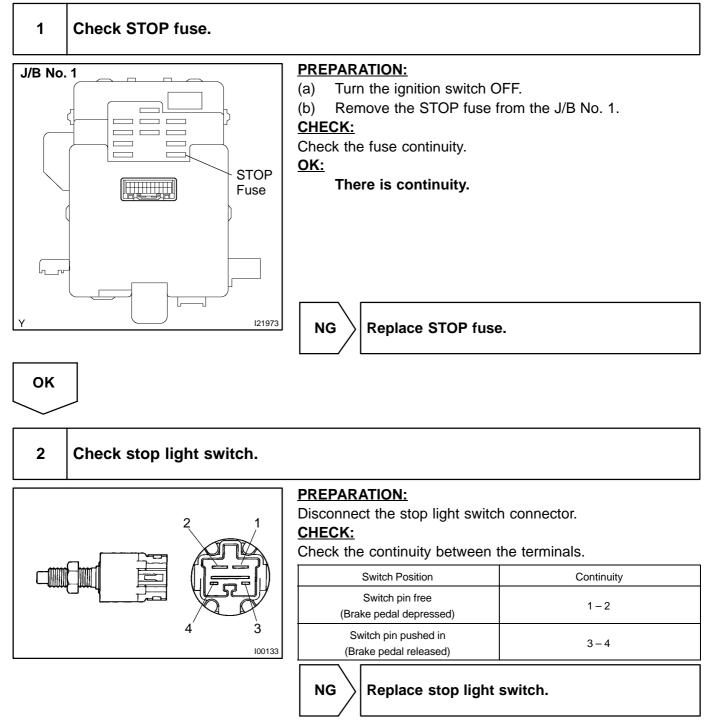
DTC No.	DTC Detection Condition	Trouble Area
12	 Short in actuator magnetic clutch circuit Open (0.8 sec.) in actuator magnetic clutch circuit 	 STOP Fuse Stop light switch Actuator magnetic clutch Harness or connector between cruise control ECU and actuator magnetic clutch, and actuator magnetic clutch and body ground Cruise control ECU

WIRING DIAGRAM



DI8ZF-03

INSPECTION PROCEDURE



ок

