DTC	C0278/11	Open in ABS Solenoid Relay Circuit
DTC	C0279/12	Short to B+ in ABS Solenoid Relay Circuit

DESCRIPTION

The solenoid relay supplies power to the ABS solenoid and TRAC solenoid.

After the ignition switch is turned on, the vehicle speed has reached 4 mph (6 km/h) and the solenoid is determined to be normal by the initial check self- diagnosis, the relay switches on. If any open or short circuits are detected, the relay switches off.

These DTCs may be set if the voltage supply to the solenoid relay (+BS) falls below the DTC detection threshold due to the battery or generator outputs being insufficient.

DTC No.	DTC Detecting Condition	Trouble Areas
C0278/11	 When either of following conditions detected: 1. Both of following conditions continue for at least 0.2 seconds. (a) IG voltage between 9.5 V and 17 V. (b) Relay contact open when relay ON 2. Both of following conditions continue for at least 0.2 seconds. (a) IG voltage 9.5 V or less when relay ON. (b) Relay contact remains open. 	 ABS SOL fuse +BS terminal circuit Master cylinder solenoid (skid control ECU)
C0279/12	 Following condition continues for at least 0.2 seconds. Relay contact closed immediately after turning IG switch to ON when relay OFF. 	 ABS SOL fuse +BS terminal circuit Master cylinder solenoid (skid control ECU)

WIRING DIAGRAM



BC

INSPECTION PROCEDURE

NOTICE:

When replacing the master cylinder solenoid, perform zero point calibration (See page BC-24).



