DTC	C1280/82	Engine Circuit Malfunction
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DESCRIPTION

If a malfunction in the engine control ECU circuit occurs, the 4WD control ECU will output this DTC.

DTC No.	DTC Detection Condition	Trouble Area
	When the following continues for 5 seconds or more: - Communication with engine control ECU is operating normally, but throttle position sensor is malfunctioning.	 Throttle position sensor Throttle position sensor wire harness and connector CAN communication system

INSPECTION PROCEDURE

HINT:

Check the condition of each related circuit connector before troubleshooting (see page IN-37).

1	CHECK FOR DTC		
		 (a) Clear the DTC (see pag (b) Turn the ignition switch ((c) Turn the ignition switch (communication system Result 	OFF. ON and check that can
		Result	Proceed to
		CAN communication system DTC is output	A
		Engine control DTC is output	В

GO TO CAN COMMUNICATION SYSTEM

DTC	C1296/96	ABS Malfunction

DESCRIPTION

If a malfunction in the speed sensor signal circuit yaw rate sensor circuit occurs, the 4WD control ECU will output this DTC.

DTC No.	DTC Detection Condition	Trouble Area
C1296/96	 When either condition below is met: 1. Wheel speed sensor malfunction is received from skid control ECU 2. Deceleration sensor malfunction us received from skid control ECU 	 CAN communication line Skid control ECU Speed sensor 4WD control ECU Yaw rate sensor Wire harness

INSPECTION PROCEDURE

HINT:

Check the condition of each related circuit connector before troubleshooting (see page IN-37).

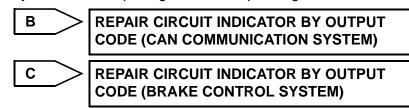
- (a) Clear the DTC (see page TF-16).
- (b) Turn the ignition switch OFF.
- (c) Turn the ignition switch ON again and check that CAN communication system DTC(s) is not output.
- (d) Drive the vehicle, accelerate to a speed of 20 km/h (12 mph) or more, and check if the speed sensor DTC (brake control system DTC) is output (see page BC-57).

Result

Result	Proceed to
Neither CAN communication system DTC nor brake control system DTC is out put	A
CAN communication system DTC is output	В
Brake control system DTC (speed sensor DTC) is output	C

HINT:

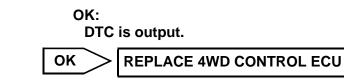
When DTCs indicating a CAN communication system malfunction are output, repair the CAN communication system before repairing each corresponding sensor.



A

2	C	CHECK OPERATION OF 4WD CONTROL ECU	
		 (a) Replace the 4WD control ECU with a normally functioning or new one. 	

(b) Reconfirm DTC.



NG

GO TO BRAKE CONTROL SYSTEM (ANTI-LOCK BRAKE SYSTEM OR VEHICLE STABILITY CONTROL SYSTEM)

