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Model Year: 2010	Model: Corolla	Doc ID: RM00000274U00JX
Title: POWER ASSIST SYSTEMS: POWER STEERING SYSTEM (for 2AZ-FE): DIAGNOSTIC TROUBLE CODE CHART (2010 Corolla)		

DIAGNOSTIC TROUBLE CODE CHART

HINT:

If a trouble code is displayed during the DTC check, inspect the trouble areas listed for that code. For details of the code, refer to the "See page" below.

Power Steering System

DTC CODE	DETECTION ITEM	TROUBLE AREA	RETURN-TO-NORMAL CONDITION	P/S WARNING LIGHT	SEE PAGE
C1511	Torque Sensor Circuit Malfunction	1. Steering column assembly (torque sensor) 2. Power steering ECU	Ignition switch on (IG) again	○	INFO
C1512	Torque Sensor Circuit Malfunction	1. Steering column assembly (torque sensor) 2. Power steering ECU	Ignition switch on (IG) again	○	INFO
C1513	Torque Sensor Circuit Malfunction	1. Steering column assembly (torque sensor) 2. Power steering ECU	Ignition switch on (IG) again	○	INFO
C1514	Torque Sensor Power Supply Abnormal	1. Steering column assembly (torque sensor) 2. Power steering ECU	Ignition switch on (IG) again	○	INFO
C1515	Torque Sensor Zero Point Adjustment Undone	-	Zero point calibration occurs	○	INFO
C1516	Torque Sensor Zero Point Adjustment Incomplete	-	Clear DTC	○	INFO
C1517	Torque Hold Abnormal	1. Steering column assembly (torque sensor) 2. Power steering	Ignition switch on (IG) again	○	INFO

DTC CODE	DETECTION ITEM	TROUBLE AREA	RETURN-TO-NORMAL CONDITION	P/S WARNING LIGHT	SEE PAGE
		ECU			
C1521	Motor Circuit Malfunction	Power steering ECU	Ignition switch on (IG) again	○	INFO
C1522	Motor Circuit Malfunction	1. Steering column assembly 2. Power steering ECU	Ignition switch on (IG) again	○	INFO
C1523	Motor Circuit Malfunction	1. Steering column assembly 2. Power steering ECU	Ignition switch on (IG) again	○	INFO
C1524	Motor Circuit Malfunction	1. Steering column assembly 2. Power steering ECU	Ignition switch on (IG) again	○	INFO
C1525	Rotation Angle Sensor Initialization Undone	-	Rotation angle sensor calibration occurs	○	INFO
C1526	Rotation Angle Sensor Initialization Incomplete	-	Clear DTC	○	INFO
C1528	Motor Rotation Angle Sensor Malfunction	1. Steering column assembly 2. Power steering ECU	Ignition switch on (IG) again	○	INFO
C1531	ECU Malfunction	Power steering ECU	Ignition switch on (IG) again	○	INFO
C1532	ECU Malfunction	Power steering ECU	Ignition switch on (IG) again	○	INFO
C1533	ECU Malfunction	Power steering ECU	After normal judgment	X	INFO
C1534	ECU Malfunction	Power steering ECU	After normal judgment	X	INFO
C1541	Vehicle Speed Signal Malfunction	1. Speed sensor circuit 2. Skid control ECU 3. CAN communication system 4. Power steering ECU	Ignition switch on (IG) again	○	INFO

DTC CODE	DETECTION ITEM	TROUBLE AREA	RETURN-TO-NORMAL CONDITION	P/S WARNING LIGHT	SEE PAGE
C1551	IG Power Supply Voltage Malfunction	1. ECU-IG No. 1 fuse 2. IG power source circuit 3. Power steering ECU	Ignition switch on (IG) again or after normal confirmation	○	INFO
C1552	PIG Power Supply Voltage Malfunction	1. PIG power source circuit 2. Power steering ECU	Ignition switch on (IG) again or after normal confirmation	○	INFO
C1554	Power Supply Relay Failure	Power steering ECU	Ignition switch on (IG) again	○	INFO
C1555	Motor Relay Welding Failure	Power steering ECU	Ignition switch on (IG) again	○	INFO
C1581	Assist Map Number Un-Writing	Power steering ECU	Assist map write or ignition switch on (IG) again	○	INFO
U0100	Lost Communication with ECM / PCM "A"	1. CAN communication system 2. ECM	Ignition switch on (IG) again or after normal confirmation	X	INFO
U0129	Lost Communication with Brake System Control Module	1. CAN communication system 2. Skid control ECU	Ignition switch on (IG) again or after normal confirmation	○	INFO

HINT:

- : Warning light comes on
- X: Warning light turns off (normal reset)

