



# Diagnostic Trouble Code (DTC)

## Symptom-to-System Chart

DIAGNOSTIC TROUBLE CODE (DTC)	EPS INDICATOR LIGHT	DISCRIPTION/SYMPOTOM	DIAGNOSTIC PERIOD			AFTER DETECTING FOR SYSTEM	RESET	REFER TO PAGE
			INITIAL DIAGNOSIS	INDIVIDUAL DIAGNOSIS	REGULAR DIAGNOSIS		CLOCK (7.5 A) FUSE	
—	—	EPS indicator light does not come on when ignition switch is turned ON (II)				—		17-27
—	○	EPS indicator light does not go off after engine is started				System OFF		17-29
3	○	A problem with the current sensor offset	○			↑	○	17-36
4	○	A problem with the current sensor offset		○		↑	○	
5	○	A problem with the current sensor fixed		○		↑	○	
6	○	A problem with the current sensor fixed		○		↑	○	
11	○	A problem with the hight voltage or low voltage of the torque sensor (TRQ1 and TRQ2)		○		↑	○	17-31
12	○	A problem with the voltage for torque sensor (TRQ3)		○		↑	○	
13	○	A problem with average of voltage on TRQ1 and TRQ2		○		↑	○	
14	○	A problem with the 2.5 V reference voltage (VREF)		○		↑	○	
21	○	A problem with the circuit for input motor voltage in the EPS control unit	○	○		↑	○	17-36
22	○	A problem with the lower current			○	↑	○	
23	○	A problem with the circuit for check function in the EPS control unit	○	○	○	↑	○	
24	○	The fail safe relay or the power relay is stuck ON	○			↑	○	
25	○	The lower FET is stuck ON	○			↑	○	
26	○	The upper FET is stuck ON	○			↑	○	
31	○	A problem with the voltage for IG1	○	○		↑	○	—
33	○	A problem with average for VSS1 and VSS2			○	System ON	○	17-38
34	○	A problem with the CPU in the EPS control unit	○	○	○	System OFF	○	Replace the EPS control unit

- Initial diagnosis: Performed right after the engine starts until the EPS indicator light goes off.
- Regular diagnosis: Continuously performed (under some conditions) after the EPS indicator light goes off until the engine stops.
- Individual part/system diagnosis: Diagnoses a specific part/system under its operating conditions.
- CPU: Central Processing Unit.