

DTC P0336 CRANKSHAFT POSITION SENSOR A CIRCUIT RANGE/PERFORMANCE

COMPONENT LOCATION E2E0DA28

Refer to DTC P0335.

GENERAL DESCRIPTION E24F2BE1

Refer to DTC P0335.

DTC DESCRIPTION EDB389AC

The ECM sets DTC P0336 when the crankshaft signal is missing while camshaft signal is detected.

DTC DETECTING CONDITION EA729EEF

Item	Detecting Condition	Possible Cause
DTC Strategy	<ul style="list-style-type: none"> Plausibility check 	<ul style="list-style-type: none"> Open or short in signal, ground or power supply circuit Contact resistance in connectors Damage to the connecting flange/flywheel Misadjust crankshaft and camshaft pulley position Faulty CKP sensor
Enable Conditions	<ul style="list-style-type: none"> Engine running First active edge detected 	
Threshold Value	<ul style="list-style-type: none"> No first edge detection after reference gap during 3 CAM shaft edge counter detected 	
Diagnostic Time	<ul style="list-style-type: none"> 3 rev. 	

SCHEMATIC DIAGRAM ED485217

Refer to DTC P0335.

SIGNAL WAVEFORM AND DATA E7B2B669

Refer to DTC P0335.

MONITOR DTC STATUS ECD5C028

Refer to DTC P0335.

TERMINAL AND CONNECTOR INSPECTION E4A0714C

- Many malfunctions in the electrical system are caused by poor harness(es) and terminals. Faults can also be caused by interference from other electrical systems, and mechanical or chemical damage.
- Thoroughly check connectors for looseness, poor connection, bending, corrosion, contamination, deterioration, or damage.

3. Has a problem been found?

YES

▶ Repair as necessary and go to "Verification of Vehicle Repair" procedure

NO

▶ Go to "Component Inspection" procedure

COMPONENT INSPECTION EA81E59B

Refer to DTC P0335.

VERIFICATION OF VEHICLE REPAIR E3FBCA1C

Refer to DTC P0335.