

DIAGNOSTIC TROUBLE CODE (DTC) CHARTS AND DESCRIPTIONS > P0336 - CRANKSHAFT POSITION SENSOR A CIRCUIT RANGE/PERFORMANCE - DTC CHART

P0336 - CRANKSHAFT POSITION SENSOR A CIRCUIT RANGE/PERFORMANCE - DTC CHART

Description: This DTC sets when the input signal from the crankshaft position (CKP) sensor is erratic.

Possible Causes:

- CKP circuit noise
- Damaged CKP sensor connection
- Damaged CKP sensor
- Damaged crankshaft pulse wheel teeth

Diagnostic Aids: An inactive CKP signal causes a no start condition. Monitor the RPM PID while cranking the engine. A value of 0 RPM indicates a CKP concern.

Application	Key On Engine Off	Key On Engine Running	Continuous Memory
All	GO to Pinpoint Test JD .		

DIAGNOSTIC TROUBLE CODE (DTC) CHARTS AND DESCRIPTIONS > P0339 - CRANKSHAFT POSITION SENSOR A CIRCUIT INTERMITTENT - DTC CHART

P0339 - CRANKSHAFT POSITION SENSOR A CIRCUIT INTERMITTENT - DTC CHART

Description: This DTC sets when several erratic profile ignition pickup (PIP) pulses have occurred in the crankshaft position (CKP) sensor signal within a calibrated time period when the camshaft speed exceeds the equivalent speed of engine idle or the starter motor is engaged.

Possible Causes:

- CKP+ circuit intermittent open (VR type)
- CKP- circuit intermittent open (VR type)
- CKP circuit intermittent open (Hall effect type)
- VREF circuit intermittent open (Hall effect type)
- SIGRTN circuit intermittent open (Hall effect type)
- CKP+ circuit intermittent short to voltage (VR type)
- CKP- circuit intermittent short to voltage (VR type)
- CKP circuit intermittent short to voltage (Hall effect type)
- VREF circuit intermittent short to voltage (Hall effect type)