

- SIGRTN circuit intermittent short to voltage (Hall effect type)
- CKP+ circuit intermittent short to ground (VR type)
- CKP- circuit intermittent short to ground (VR type)
- CKP circuit intermittent short to ground (Hall effect type)
- VREF circuit intermittent short to ground (Hall effect type)
- SIGRTN circuit intermittent short to ground (Hall effect type)
- CKP sensor incorrectly installed
- Damaged CKP sensor
- Incorrect, damaged or corroded connections
- Arcing secondary ignition components (coil, wires and plugs)
- Arcing relays or other high current devices (cooling fan or starter motor)
- On board 2 way radio transceiver
- Radio frequency interference or electromagnetic interference from an external source
- Improperly grounded high power aftermarket equipment

Diagnostic Aids:

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

DIAGNOSTIC TROUBLE CODE (DTC) CHARTS AND DESCRIPTIONS > P0340 - CAMSHAFT POSITION SENSOR A CIRCUIT (BANK 1 OR SINGLE SENSOR) - DTC CHART

P0340 - CAMSHAFT POSITION SENSOR A CIRCUIT (BANK 1 OR SINGLE SENSOR) - DTC CHART

Description: This DTC sets when the CMP11 circuit signal cannot be detected. For additional camshaft position (CMP) sensor location information, refer to ENGINE CONTROL COMPONENTS .

Possible Causes:

- CMP11 circuit open
- CMP11 circuit short to ground
- CMP11 circuit short to voltage
- SIGRTN circuit open
- VRSRTN circuit open