

- CMP22 sensor incorrectly installed
- Damaged CMP22 sensor

Diagnostic Aids: Harness routing, harness alterations, incorrect shielding, or electrical interference from other systems may have an intermittent impact on the CMP signal.

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

DIAGNOSTIC TROUBLE CODE (DTC) CHARTS AND DESCRIPTIONS > P0391 - CAMSHAFT POSITION SENSOR B CIRCUIT RANGE/PERFORMANCE (BANK 2) - DTC CHART

P0391 - CAMSHAFT POSITION SENSOR B CIRCUIT RANGE/PERFORMANCE (BANK 2) - DTC CHART

Description: This DTC sets when the CMP22 circuit has a noisy signal. For additional camshaft position (CMP) sensor location information, refer to ENGINE CONTROL COMPONENTS .

Possible Causes:

- Radio frequency interference or electromagnetic interference
- Damaged camshaft phaser and sprocket
- Damaged camshaft position bank 2 sensor 2 (CMP) shielding

Diagnostic Aids: Harness routing, harness alterations, incorrect shielding, or electrical interference from other systems may have an intermittent impact on the CMP signal.

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

DIAGNOSTIC TROUBLE CODE (DTC) CHARTS AND DESCRIPTIONS > P0394 - CAMSHAFT POSITION SENSOR B CIRCUIT INTERMITTENT (BANK 2) - DTC CHART

P0394 - CAMSHAFT POSITION SENSOR B CIRCUIT INTERMITTENT (BANK 2) - DTC CHART

Description: This DTC sets when the CMP22 circuit signal is intermittent. For additional camshaft position (CMP) sensor location information, refer to ENGINE CONTROL COMPONENTS .

Possible Causes:

- Intermittent open circuit
- Intermittent short circuit