

position (CMP) sensor location information, refer to ENGINE CONTROL COMPONENTS .

Possible Causes:

- Intermittent open circuit
- Intermittent short circuit
- Damaged CMP sensor shielding
- Incorrect harness connections
- Corrosion
- Damaged camshaft position bank 1 sensor 1 (CMP11)

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 > P0345 - CAMSHAFT POSITION SENSOR A CIRCUIT (BANK 2) - DTC CHART

P0345 - CAMSHAFT POSITION SENSOR A CIRCUIT (BANK 2) - DTC CHART

Description: This DTC sets when the CMP21 circuit signal cannot be detected. For additional camshaft position (CMP) sensor location information, refer to ENGINE CONTROL COMPONENTS .

Possible Causes:

- CMP21 circuit open
- CMP21 circuit short to ground
- CMP21 circuit short to voltage
- SIGRTN circuit open
- VRSRTN circuit open
- CMP21 circuit shorted to other CMP circuits (2 or more CMP sensor systems)
- Damaged CMP sensor shielding
- Camshaft position bank 2 sensor 1 (CMP21) incorrectly installed
- Damaged CMP21 sensor

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