

DIAGNOSTIC TROUBLE CODE (DTC) CHARTS AND DESCRIPTIONS > P2089 - A CAMSHAFT POSITION ACTUATOR CONTROL CIRCUIT HIGH BANK 1 - DTC CHART

P2089 - A CAMSHAFT POSITION ACTUATOR CONTROL CIRCUIT HIGH BANK 1 - DTC CHART

Description: This DTC sets when a high voltage on the VCT11 circuit exceeds a calibrated limit for a calibrated amount of time.

Possible Causes:

- VCT11 circuit open
- VCT11 circuit short to voltage
- VPWR circuit open
- Damaged variable camshaft timing bank 1 solenoid 1 (VCT11)

Diagnostic Aids:

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

DIAGNOSTIC TROUBLE CODE (DTC) CHARTS AND DESCRIPTIONS > P2090 - B CAMSHAFT POSITION ACTUATOR CONTROL CIRCUIT LOW BANK 1 - DTC CHART

P2090 - B CAMSHAFT POSITION ACTUATOR CONTROL CIRCUIT LOW BANK 1 - DTC CHART

Description: This DTC sets when a low voltage on the VCT12 circuit exceeds a calibrated limit for a calibrated amount of time.

Possible Causes:

- VCT12 circuit open
- VCT12 circuit short to ground
- VPWR circuit open
- Damaged variable camshaft timing bank 1 solenoid 2 (VCT12)

Diagnostic Aids:

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