

- UO2SHTR11 circuit open
- UO2SHTR11 circuit short to voltage
- VPWR circuit open
- Incorrect connections
- Damaged or corroded terminals
- Exhaust temperature significantly higher than expected
- Damaged universal HO2S11

**Diagnostic Aids:** Inspect the connectors for signs of damage, water intrusion or corrosion.

| Application | Key On Engine Off        | Key On Engine Running | Continuous Memory |
|-------------|--------------------------|-----------------------|-------------------|
| All         | GO to Pinpoint Test DZ . |                       |                   |

## DIAGNOSTIC TROUBLE CODE (DTC) CHARTS AND DESCRIPTIONS > P0034 - TURBOCHARGER/SUPERCHARGER BYPASS VALVE A CONTROL CIRCUIT LOW - DTC CHART

P0034 - TURBOCHARGER/SUPERCHARGER BYPASS VALVE A CONTROL CIRCUIT LOW - DTC CHART

**Description:** This DTC sets when the PCM detects a short to ground in the TCBY circuit.

### Possible Causes:

- Damaged turbocharger bypass (TCBY) valve
- TCBY circuit short to ground
- Damaged harness connector
- Damaged harness

**Diagnostic Aids:** Check the harness for intermittent concerns, incorrect connections, routing, alterations and damage due to contact with other components.  
This DTC only sets when the valve is commanded closed.

| Application | Key On Engine Off        | Key On Engine Running | Continuous Memory |
|-------------|--------------------------|-----------------------|-------------------|
| All         | GO to Pinpoint Test HN . |                       |                   |

## DIAGNOSTIC TROUBLE CODE (DTC) CHARTS AND DESCRIPTIONS > P0035 - TURBOCHARGER/SUPERCHARGER BYPASS VALVE A CONTROL CIRCUIT HIGH - DTC CHART