

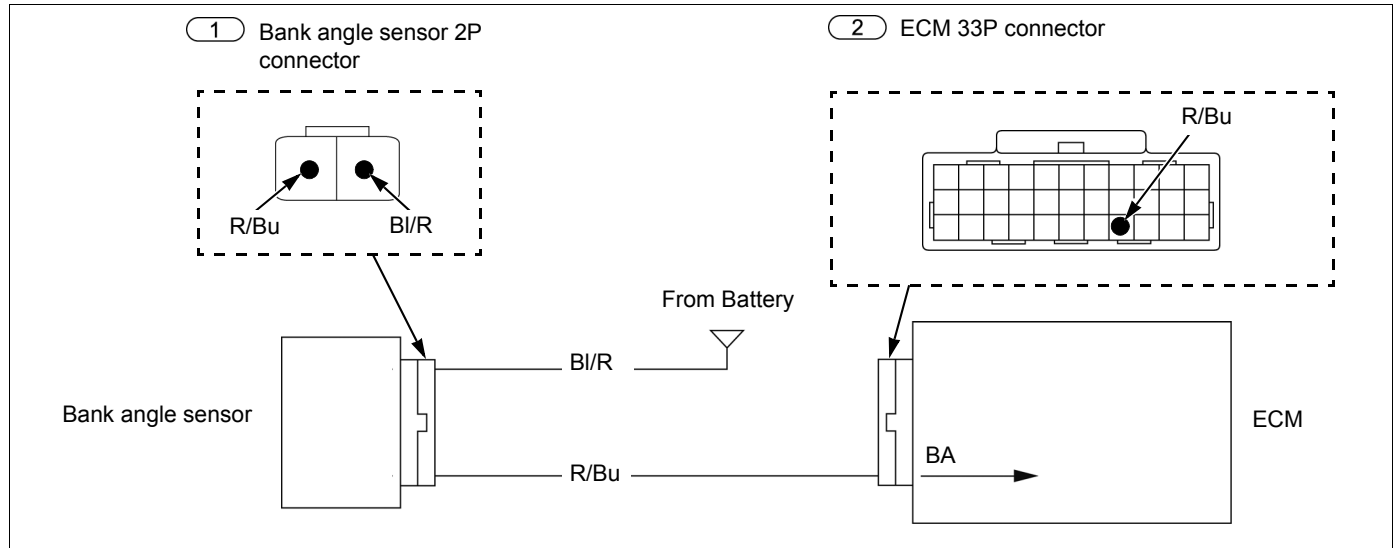


DTC 54-1 (BANK ANGLE SENSOR LOW VOLTAGE)



• Fuel tank shroud →3-6

Bank Angle Sensor Diagram



1. Bank Angle Sensor System Inspection

- Check the bank angle sensor voltage with MCS.
- Is the voltage about 0 V indicated?

No
▶

- Intermittent failure
- Loose or poor contact at the connector

Yes ▼

2. Bank Angle Sensor Power Input Voltage Inspection

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- 1 ⇒ ⇒ 1
- Connection: BI/R (+) – Ground (–)
 - Does the battery voltage exist?

No
▶

- Faulty BI/R wire

Yes ▼

3. Bank Angle Sensor Output Line Inspection

- Check a open or short circuit in R/Bu wire.
- Is there open or short circuit?

Yes
▶

- Faulty R/Bu wire

No ▼

4. Bank Angle Sensor Inspection

- Replace the bank angle sensor with a new one. →4-20
- Erase the DTC's.
- Check the bank angle sensor with MCS.
- If DTC 54-1 is indicated, replace the ECM with a new one →4-19, and recheck.