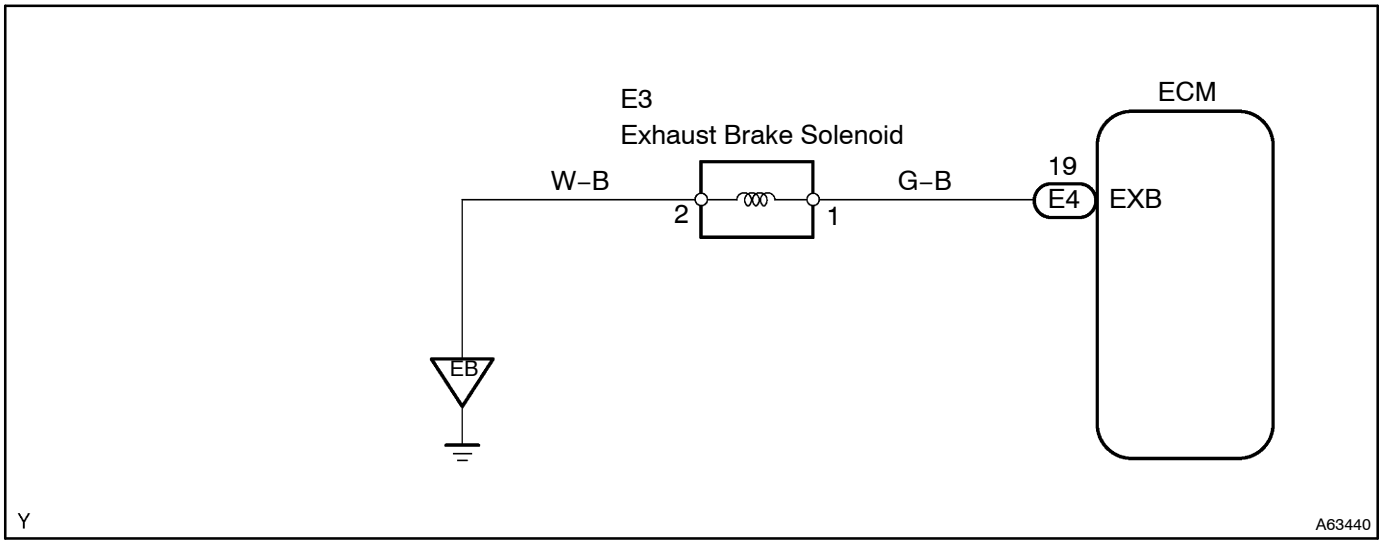
| DTC | 28 | SOLENOID FOR EXHAUST BRAKE CIRCUIT MALUNCTION |
|---|---|---|

## CIRCUIT DESCRIPTION

The exhaust brake solenoid operates the exhaust brake valve. When this solenoid is ON, the exhaust brake valve is closed, and when this solenoid is OFF, the exhaust brake valve is open.

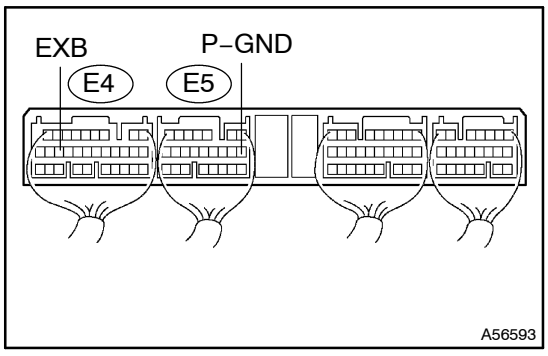
| DTC No. | DTC Detection Condition | Trouble Area |
|---|---|---|
| 28 | Solenoid for exhaust brake circuit malfunction | • Exhaust brake solenoid circuit<br>• Exhaust brake solenoid<br>• Exhaust brake system<br>• ECM |

## WIRING DIAGRAM




## INSPECTION PROCEDURE

| 1 | CHECK ECM (VOLTAGE) |
|---|---|




(a) Turn the ignition switch ON.
(b) Turn the exhaust brake switch ON.
(c) Shift the shift lever into any position other than the neutral position.
(d) Release the clutch pedal and accelerator pedal.

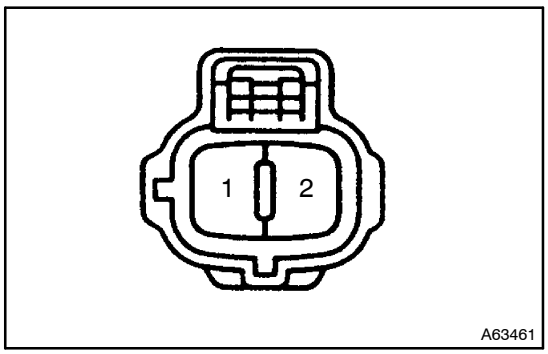
**Standard:**

| Symbols (Terminal No.) | Voltage |
|---|---|
| EXB (E4–19) ⇔ P–GND (E5–8) | 19 V or more |

**OK** → **REPLACE ECM**

**NG**

| 2 | CHECK EXHAUST BRAKE SOLENOID |
|---|---|




(a) Disconnect the E3 exhaust brake solenoid connector.
(b) Measure the resistance between the terminals of the exhaust brake solenoid.
**Standard: 53 ± 5 Ω**

**OK** → **CHECK AND REPLACE WIRE HARNESS FROM EXHAUST BRAKE SOLENOID TO ECM**

**NG**

**REPLACE EXHAUST BRAKE SOLENOID**