

Idle Control System

M/T Clutch Switch Signal (D15Z3 engine)

This signals the ECM when the M/T clutch is engaged.

Inspection of M/T clutch switch signal.

Connect the test harness between the ECM and connectors (page 11-17).

Turn the ignition switch ON.

Measure voltage between B7 (+) terminal and A26 (-) terminal.

Is there approx. 5 V?

YES

Depress the clutch pedal.

Measure voltage between B7 (+) terminal and A26 (-) terminal.

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NO

Turn the ignition switch OFF.

Disconnect the 2P connector from the M/T clutch switch.

Turn the ignition switch ON.

Measure voltage between B7 (+) terminal and A26 (-) terminal.

Is there approx. 5 V?

YES

Replace the M/T clutch switch.

NO

Turn the ignition switch OFF.

Disconnect "B" connector from main wire harness only, not the ECM.

Turn the ignition switch ON.

Is there approx. 5 V?

YES

Repair short in PNK/BLK wire between ECM (B7) and the M/T clutch switch.

NO

Substitute a known-good ECM and recheck. If prescribed voltage is now available, replace the original ECM.



