

NISSAN P1701: TRANSMISSION CONTROL MODULE (POWER SUPPLY)

OVERVIEW

Severity	:	Medium
DIY Difficulty Level	:	Intermediate
Repair Cost	:	\$75-\$200
Can I Still Drive?	:	Yes (Short-term only)

What Does The Nissan P1701 Code Mean?

When the power supply to the TCM is cut OFF, for example because the battery is removed, and the self-diagnosis memory function stops, malfunction is detected.

NOTE: Since "P1701 TCM-POWER SUPPLY" will be indicated when replacing TCM, perform diagnosis after erasing "SELF-DIAG RESULTS" This is not an OBD-II self-diagnostic item. Diagnostic trouble code "P1701 TCM-POWER SUPPLY" is detected when TCM does not receive the voltage signal from the battery power supply. This is not a malfunction message. (Whenever shutting OFF a power supply to the TCM, this message appears on the screen.)

What Are The Potential Causes Of The Nissan P1701 Code?

Harness or connectors (Battery or ignition switch and TCM circuit is open or shorted.)

Reference Sources

[Nissan P1701](#), DTCDECODE.