

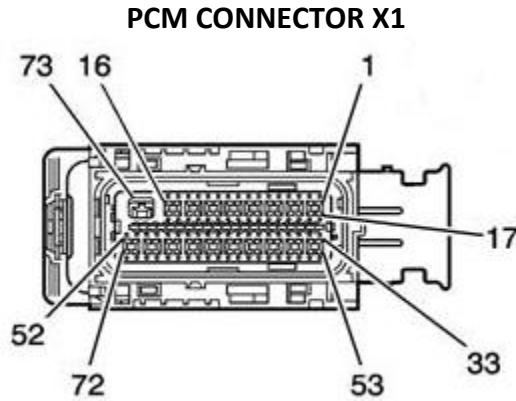
CORTEX EBC

2006-2013 C6 Corvette Specific Instructions

Rev 1.0.0

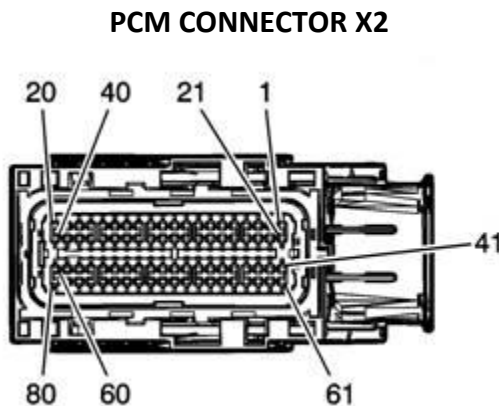
WIRING

The C6 Corvette PCM is in the passenger side wheel well and can be accessed by removing the expansion rivet fasteners from the panel cover in the wheel well. To remove the expansion rivets pry up the center pin with a pair of needle nose pliers or similar tool. The 2006-2013 LS3/LS7 powered C6 Corvette PCM has two large connectors. Power, RPM, vehicle speed, and TPS signals can be accessed at these connectors.



The Cortex EBC wiring harness should be connected to the 73-pin X1 PCM connector as outlined in the following table.

CORTEX EBC SIGNAL	PCM SIGNAL	PCM PIN #	PCM WIRE COLOR
+12V Power	Switched PCM Power	19	Pink
Ground	Connect to Chassis Near EBC	N/A	N/A
Engine Speed (RPM)	Tachometer Output	48	White
Vehicle Speed	VSS Output	57	Dark Green / White



The Cortex EBC wiring harness should be connected to the 80-pin X2 PCM connector as outlined in the following table.

CORTEX EBC SIGNAL	PCM SIGNAL	PCM PIN #	PCM WIRE COLOR
TPS*	TPS Input	65	Dark Green

* Optional for TPS based boost control and output activation.

VEHICLE CONFIGURATION SETTINGS

RPM DETECTION:

- Pulses Per Cycle: 4
- Rotations Per Cycle: 2

SPEED DETECTION:

- Pulses Per Mile: 4,000
- VSS Scaler: None

GEAR DETECTION:

- EVS Ratios: Determine using EVS Ratio displayed by logger while driving in each gear.

GPI CONFIGURATION FOR TPS:

- Mode: TPS
- Min TPS Voltage: Enter GPI Raw displayed by logger when throttle is closed (around 0.0 V).
- Max TPS Voltage: Enter GPI Raw displayed by logger when throttle is open (around 5.0 V).