

The purpose of this document is to aid in the installation of the N2MB WOT Box while using the installation instructions provided by N2MB. The information in this document is accurate to the best of my knowledge for a 2004 Corvette. I have not verified that it is accurate for 1999-2003. I have never installed a N2MB so use this information at your own risk. **The information contained in this document is not accurate for the 1997 or 1998 Corvette and should not be used for those years.**

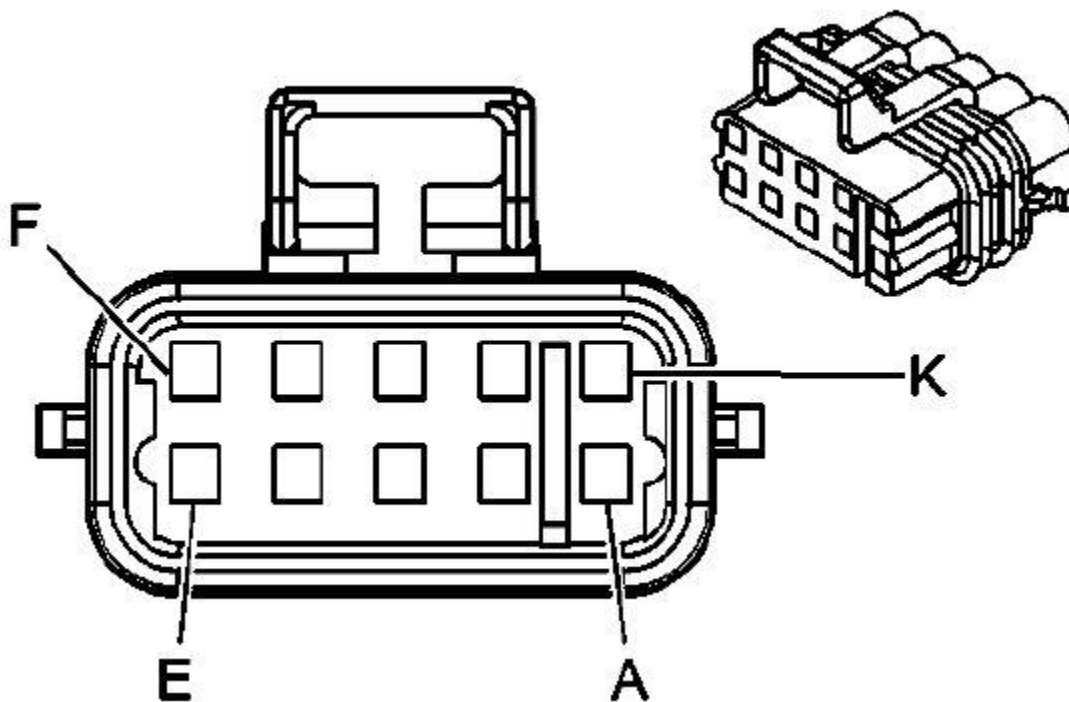
Important:

If the installation instructions don't tell you to disconnect the battery prior to doing the installation, you should.

Note: Any solder connections under the hood should use adhesive lined shrink tubing for a truly waterproof connection. Sold at marine supply stores.

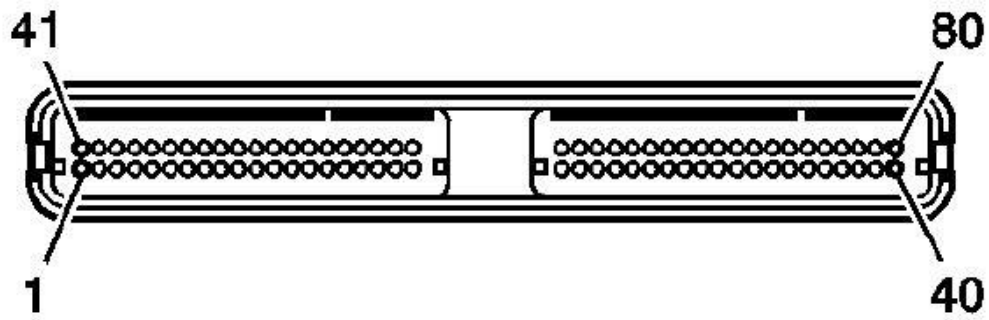
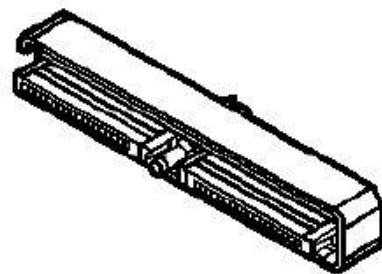
Accelerator Pedal Position Switch Connector End View

Pin	Wire Color	Circuit No.	Function
K	DK GRN	1163	APP Sensor 3 Signal



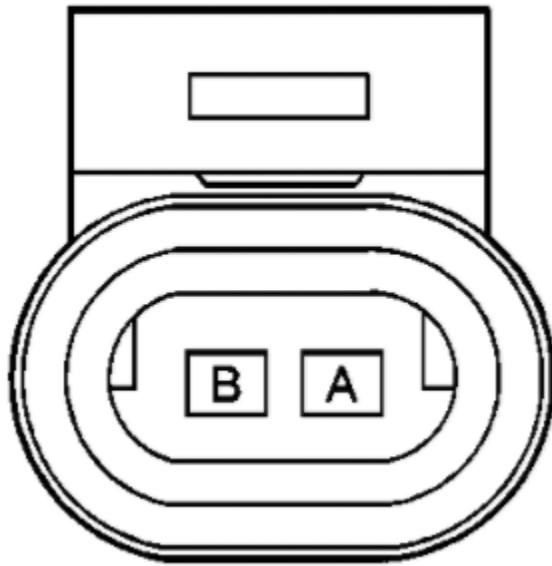
PCM Connector C1 End View This connector is Blue for 1999-2004 (For Reference Only.
You will be making the connection at the **Clutch Pedal Position Switch**)

Pin	Wire Color	Circuit No.	Function
35	GRY	48	CPP Switch Signal



Clutch Pedal Position Switch Connector

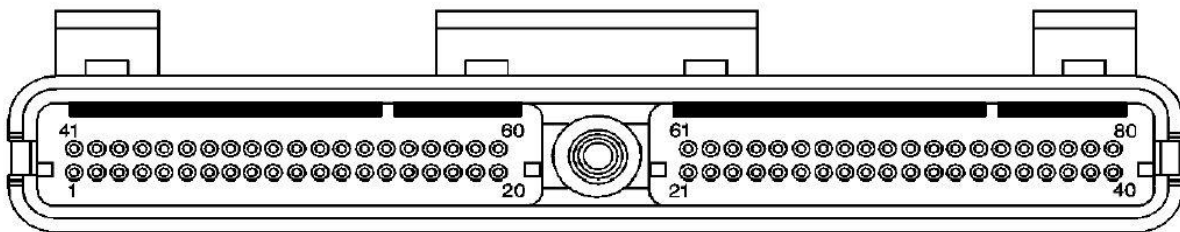
I could not find a connector end view of the Clutch Pedal Position Switch, but it should look like this. To add to the confusion when you look up Clutch Pedal Position Switch Repair in the manual, it shows the Clutch Start Switch and refers to it as the Clutch Pedal Position Switch with Clutch Start in parenthesis. The switch you're looking for is mounted up under the dash and is actuated when the Clutch pedal is at the top of its travel.



Pin	Wire Color	Circuit No.	Function
A	GRY	48	CPP Switch Signal
B	PINK	339	Power Dist., Under Hood Electrical Center , Fuse 19

PCM Connector C2 PCM Connector C2 This connector is Green on a 2004. 1999-2003 it is Red. The N2MB instructions incorrectly state that 1999-2004 are Red

Pin	Wire Color	Circuit No.	Function
26	PPL	2121	IC 1 Control (Ignition Coil #1 Control Circuit)



When you bring the wires through the into the engine compartment leave them long enough to form a drip loop so that if water was to run down the wires it will not follow the wire into the cab. As recommended in the installation document, seal the hole up.

Here is a useful link to the PCM pin outs for various year Corvette PCMs.

http://corvetteforum.shelor.net/Corvette_PCM_Pinouts/Default.asp

Under Hood Electrical Center Connector C1

Fuse 22 is injector and ignition coil circuit 1, and Fuse 18 is injector and ignition coil circuit 2. You will want to remove those fuses so you can check to verify that you have located Connector C1- A6 and C1-E2. Using a DMM set to Ohms, check continuity from the fuse sockets to C1-A6 and C1-E2 . When you are certain you have the correct two wires you can cut them at a point that will give you enough room to make your splices to the red and black* wires on the N2MB. Remember that both wires coming from the fuses connect to the red wire and both wires going to the injector and coil circuits connect to the black wire. Refer to the Under Hood Electrical Center Component Location and Fuse Block Top View pages for more information.

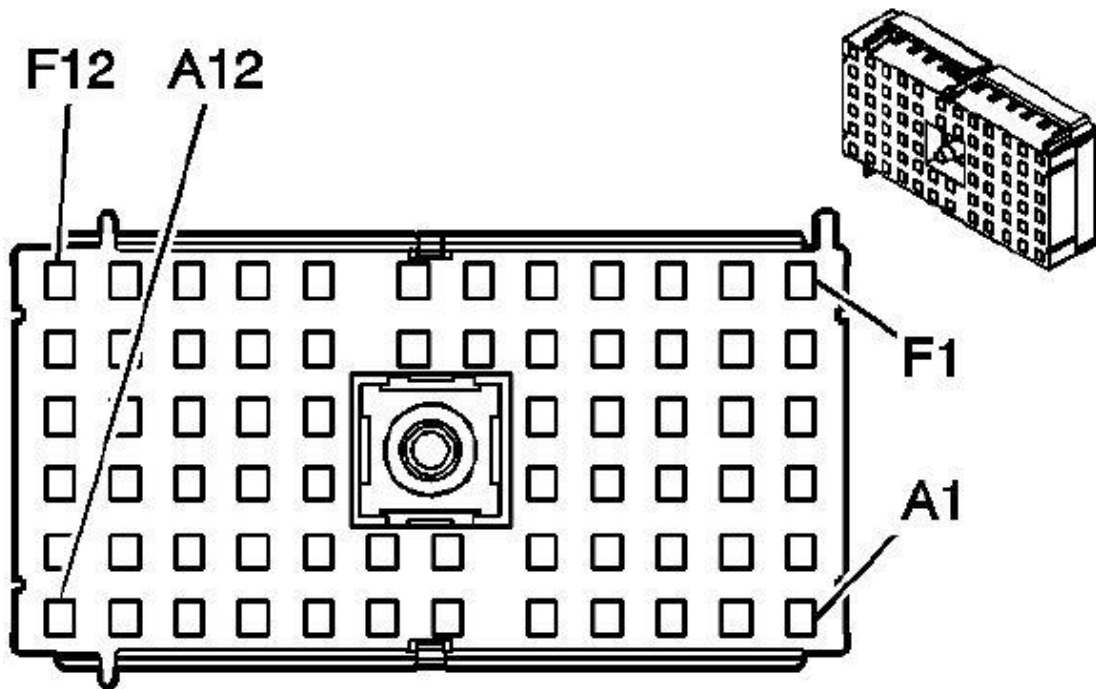
***If your N2MB has an orange wire instead of a 16AWG red and black paired wire read below:**

“WOT Box Installation Instructions
HARNESS REVISION AS OF 3/24/14

If your harness is equipped with an ORANGE wire it will replace the 16 gauge BLACK wire of the RED / BLACK paired wires in the instructions below. Whenever the BLACK of the RED / BLACK pair is mentioned, use the ORANGE wire. The instructions will be updated to reflect this change shortly.”

Under Hood Electrical Center Connector C1 (continued)

Pin	Wire Color	Circuit No.	Function
A6	PNK	639	Ignition 1 Voltage
E2	PNK	839	Ignition 1 Voltage



Under Hood Electrical Center Component Location

Fuse 18 Injector and Coil Circuit #2

Fuse 22 Injector and Coil Circuit #1

