

## Note

It is the responsibility of the installer to ensure that the harnesses are protected from all sharp edges and sharp bends.

## Components

- 1- Installation Guide
- 1- TND
- 1- Installation Kit
- 1- Power Cable DTY20746
- 1- Device Cable DTY20682

## Tools Required

- 1- roll electrical tape
- 1- wire cutter/stripper
- 1- Crimpers
- 1- ¼" and 3/16" driver
- 1- #2 Phillips head
- 1- # 12 Torques driver

# 2009/2012 Freightliner "Cascadia" TND "Hydra Cable" Installation Guide

1. Ensure vehicle ignition is in the off position. Remove glove box to access the "fuse relay panel ". Remove the (4) screws behind glove box door, remove plastic cover exposing fuse relay panel. Also, remove the dog house, lower center dash panel.
2. Find a suitable mounting location on truck dash for TND.
3. Cable routing; on most trucks there is usually a "dummy" or "blank" rocker switch on the dash ,this is an ideal location for routing power cable .
4. Route DTY20746 power and ground wires to power source in fuse relay panel connect power and ground as shown in "Figures 1-4".
5. Route J1939 wires to "Terminating Resistor" which is located below dash panel passenger side shown in "Figure 5"
6. Remove terminating resistor and re-install on "Y" cable DTY20746 reconnect mating connector end into truck side connector.
7. Route J1708 wires to connector block below dash panel, adjacent to J1939 Terminating Resistor, shown in "Figure 5".
8. Connect device cable DTY 0782 to DTY20746 Hydra cable, route cable to TND location
9. Initiate power at display and test functionality.

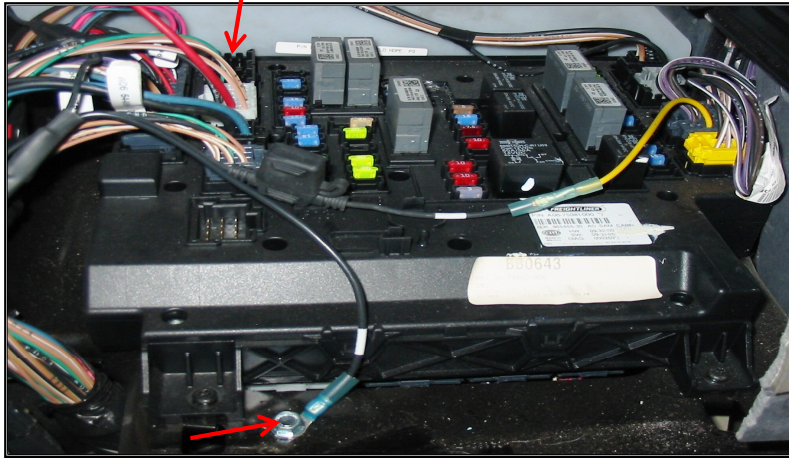
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## Connecting Power and Ground

Figure 2 & 3 show ignition connector block. Both the Battery and the ignition blocks instructions apply

Battery "Power"



Ground

Figure 1

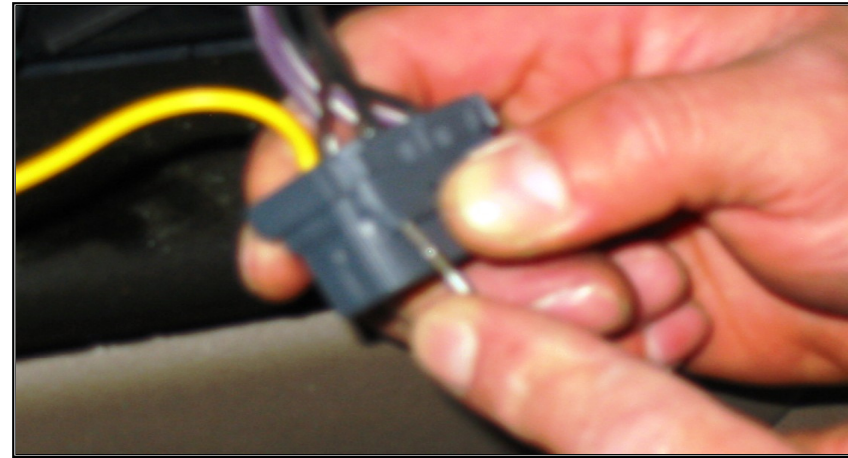


Figure 2

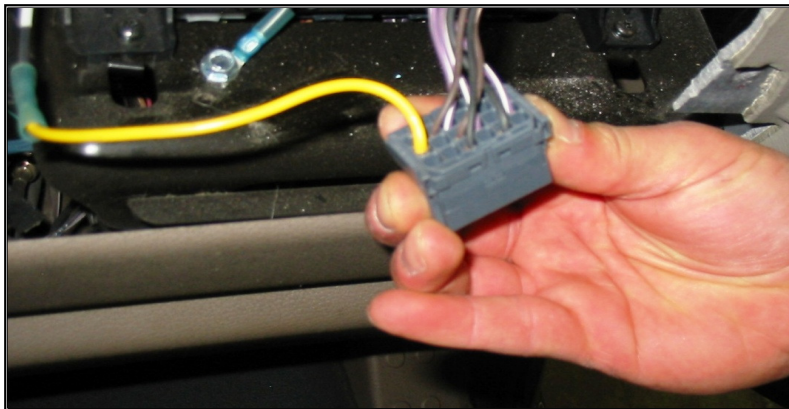


Figure 3



Figure 4

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#### **J1708/J1587 and J1939 connection points**

With the access panel below the dash in between the seats removed, the J1708/J1587 and J1939 wiring and connection points are available.

J1708/J1587 connection block

J1939 connector and Terminating Resistor

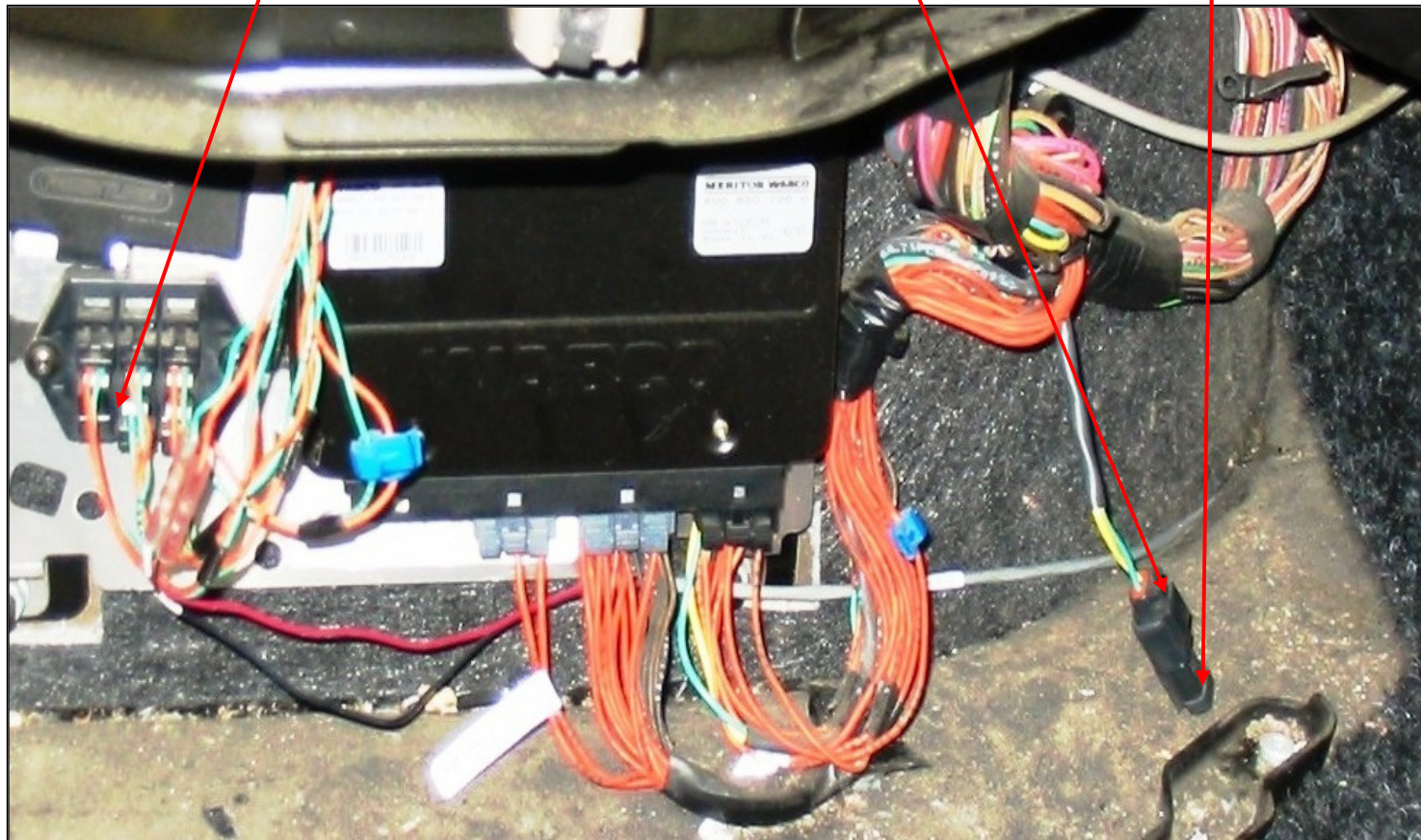


Figure 5