

#### NOTE

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

#### Kit Contents

- 1-Installation guide
- 1-HD-100
- 1-Power Cable DTY20685
- 1-Device Cable DTY20683

#### Tools Required

- 1- roll electrical tape
- 1- wire cutter/stripper
- 1- Crimpers
- 1- #2 Phillips head
- 1-# 12 Torques driver

## **2013-2014 Mack-Truck HD 100 “Hydra Cable Installation Guide**

**To install TND: First, Insure ignition is in the off position, remove fuse relay panel cover in top center of the dash.**

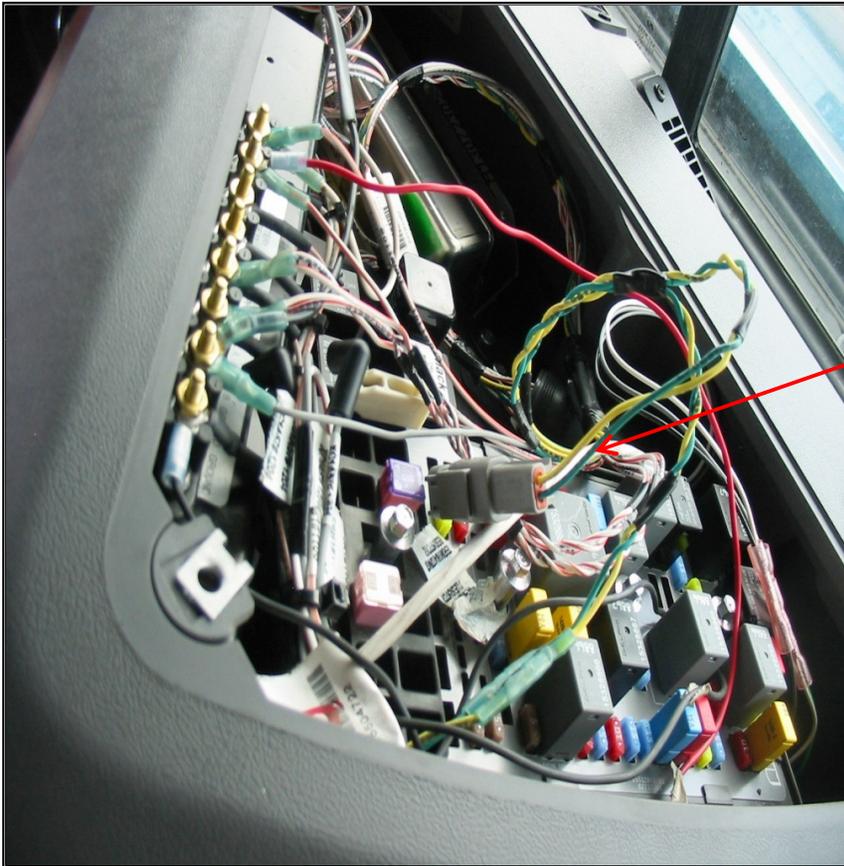
1. Install HD 100 in desired location, route power cable truck connectors into fuse relay panel.
2. Each threaded lug in the fuse relay panel is clearly marked i.e. power, ground, ignition and J1587. Connect each wire to its corresponding threaded lug.
3. J1939 connection is separate from threaded lugs, the J1939 Terminating Resistor will normally be found behind, or along side of the threaded lug connector block.
4. Install the “**DTY20685, J1939 “Y” cable**” at terminating resistor; identify wires (1) green, (1) yellow and tagged J1939.
5. Ensure truck key is in the “off position”, remove terminating resistor from truck wiring (hold down on locking clip and remove resistor).
6. Insert resistor in “Y” cable female connector.
7. Insert “Y” cable Male connector where terminating resistor was removed from truck wiring.
8. Connect DTY20683 Device cable to DTY20685 Hydra cable route cable to HD-100.
9. After all connections have been completed, turn ignition to “on position “insure HD 100 powers-up, then insure J1939 JBus and J1708 are active.
10. Start truck, do a complete functionality test of HD 100. Replace fuse relay cover.

NOTE

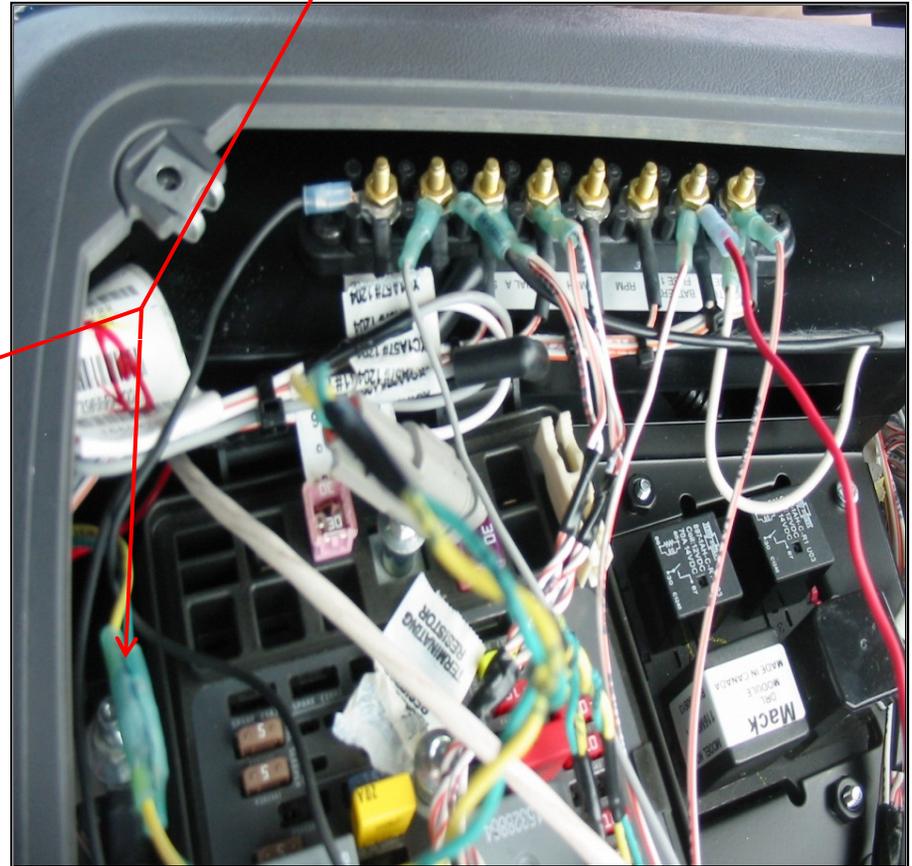
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**NOTE: This photo does not show the correct Mack J1939 connector, it is in fact a Volvo connector but, regardless the Green and Yellow wires are in fact the J1939.**



**Figure 1**



**Figure 2**

NOTE

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This photo below is a TPC cable, the only difference is the power connector

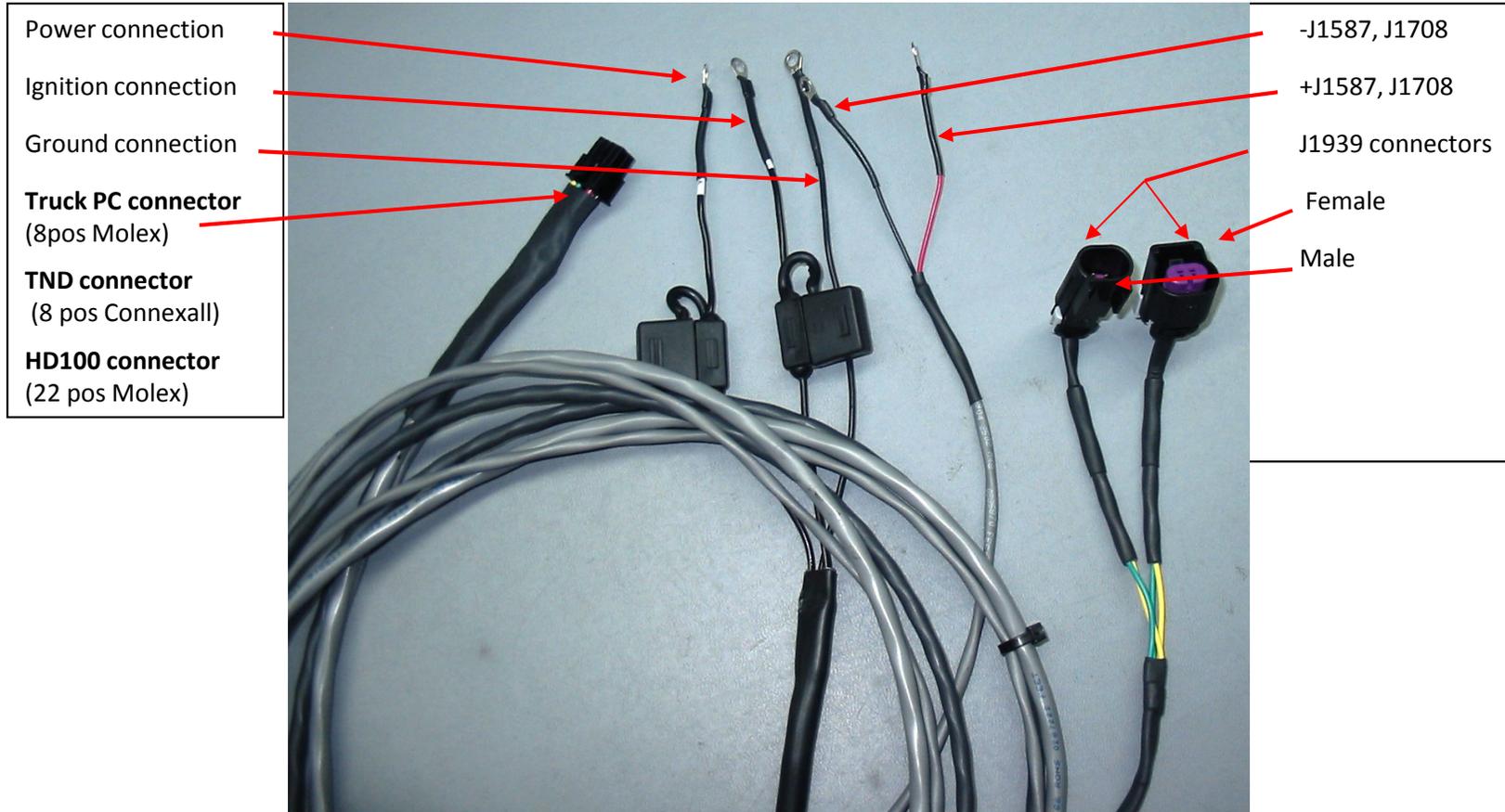


Figure 3