

Kit Contents

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

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

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 the HD 100: 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 inside fuse relay panel.
2. Each threaded lug in the fuse relay panel is clearly marked i.e. power, ground, ignition and J1708. J1708 wire color polarity: Blue+, Grey-. 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” portion of the Hydra 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.

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2013-2014 Mack-Truck HD 100

“Hydra Cable Installation”

This photo show a Mack Fuse Relay panel connection lugs and J1939 connector and Terminating Resistor Green and Yellow wires

Refer to Figure 4 lug connection details

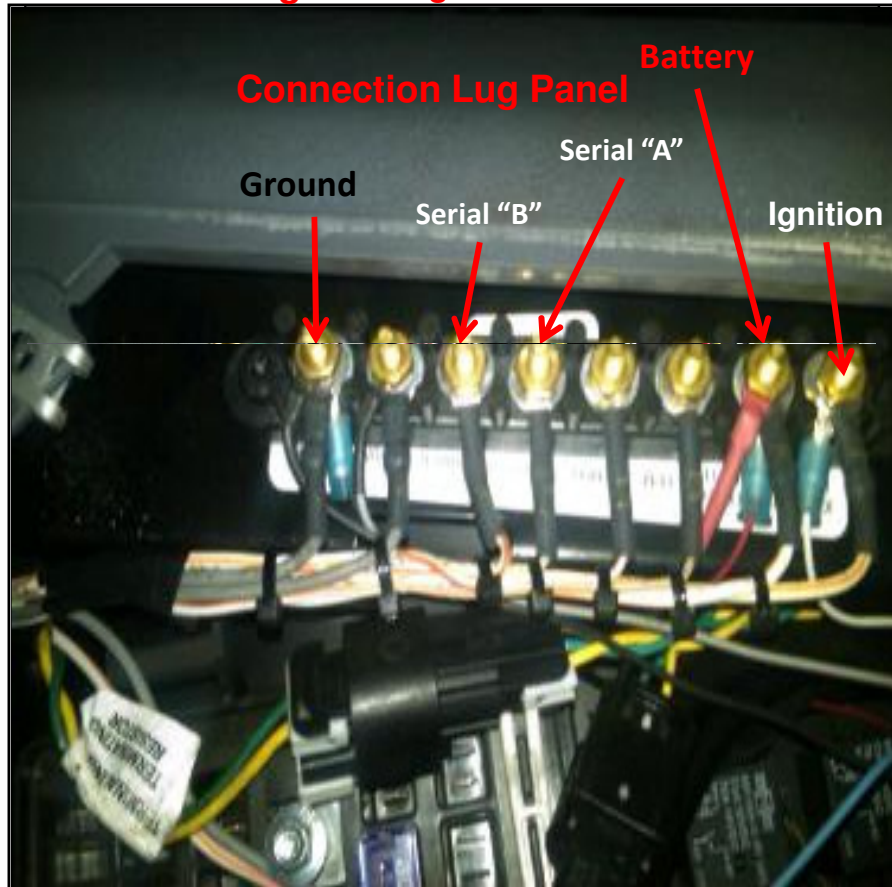


Figure 1

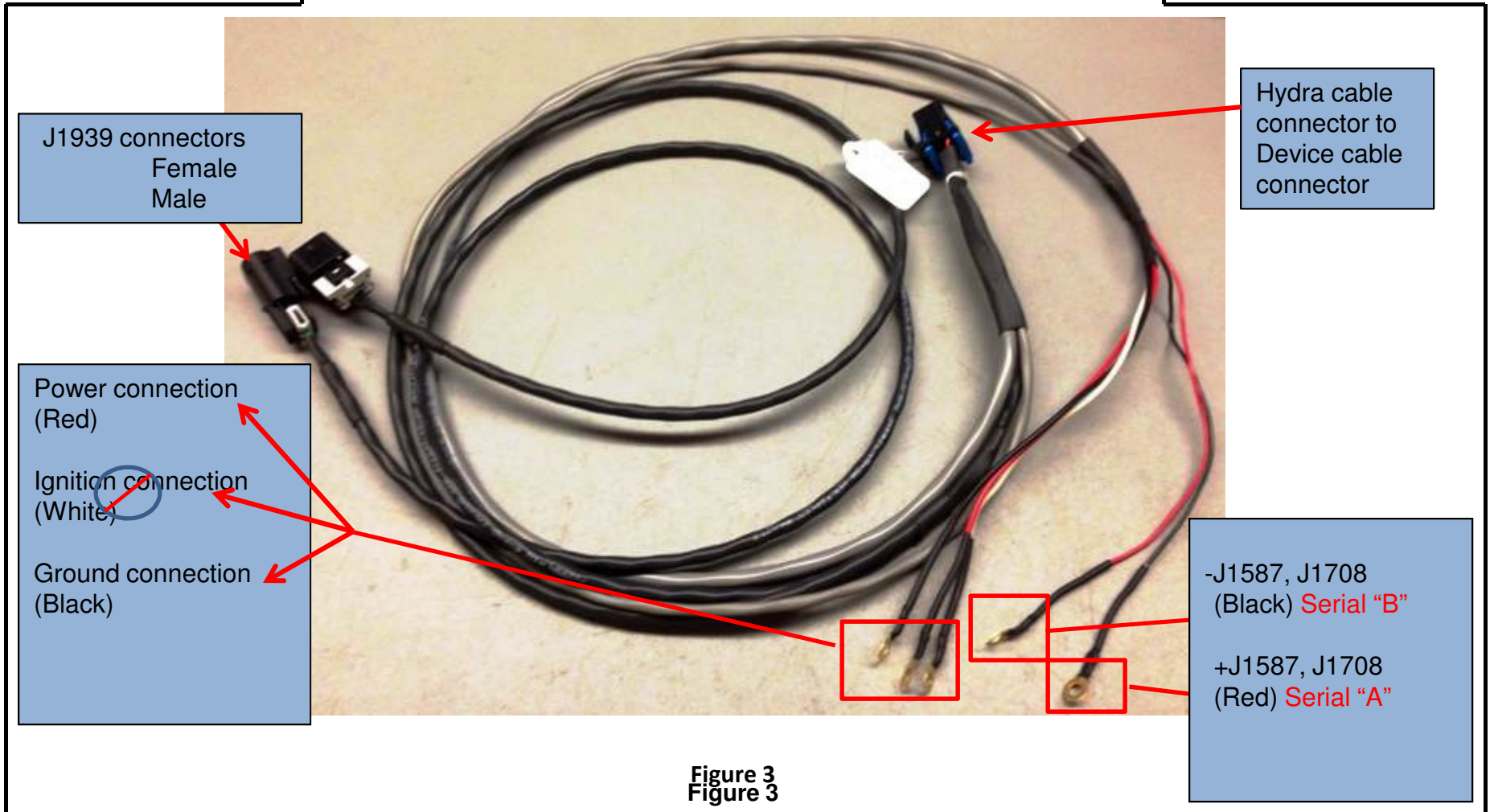


Figure 2

J1939 Terminating Resistor

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Mack Truck Fuse Relay panel Lug Layout

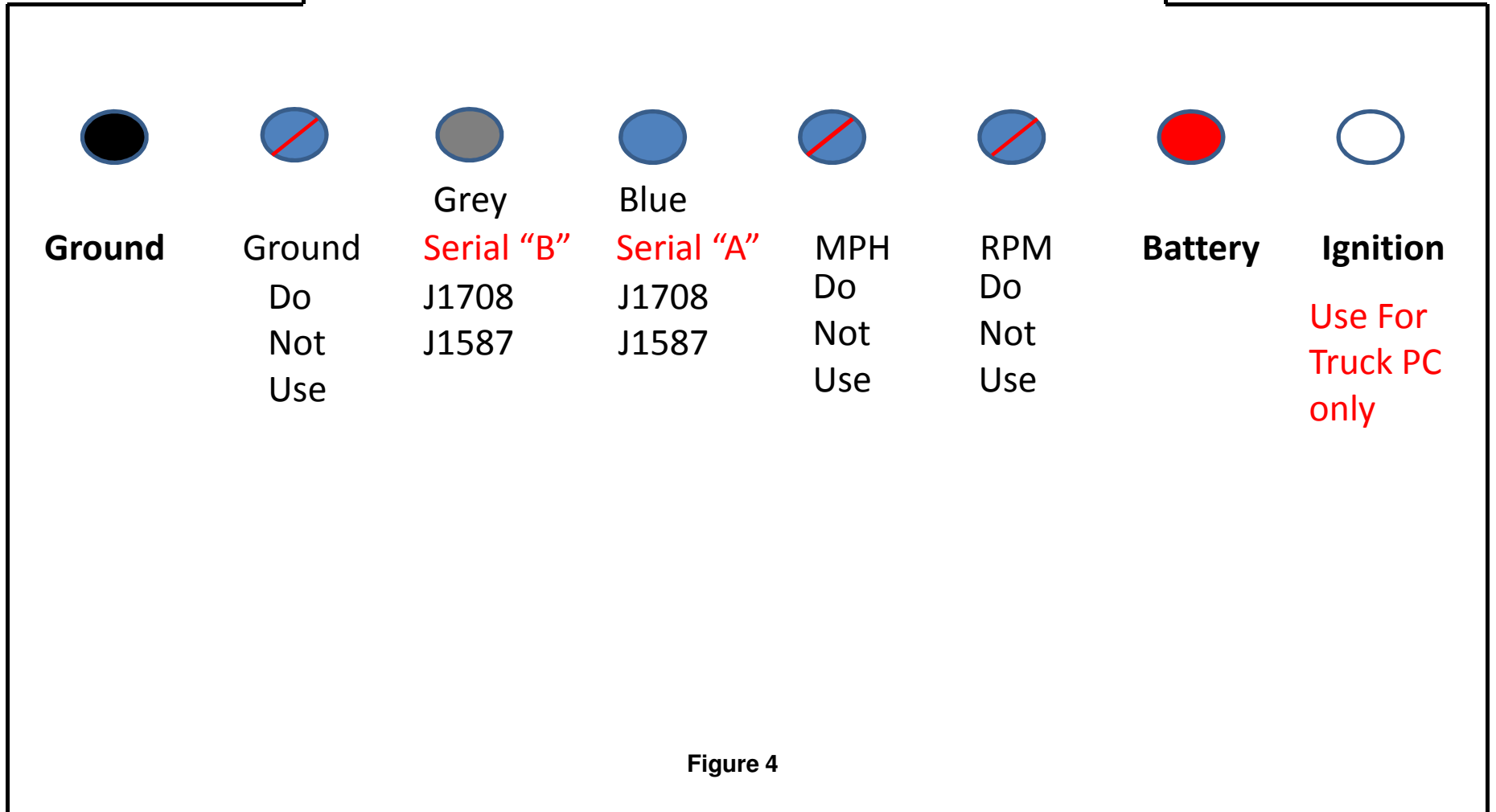


Figure 4