

2006-2018 Mack Vehicles Installation Guide [for HRN-CK10A2 and HRN-CM24Y1 harnesses]

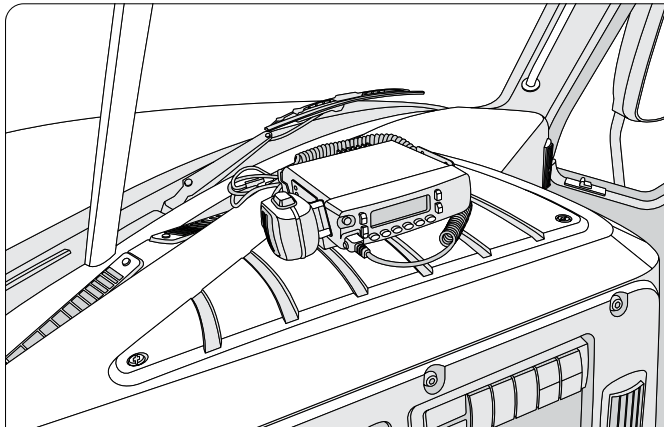
Introduction

This installation guide provides information on how to install the HRN-CK10A2 and HRN-CM24Y1 harnesses in 2006 to 2018 Mack vehicle models with fuse box using terminal bus bar.

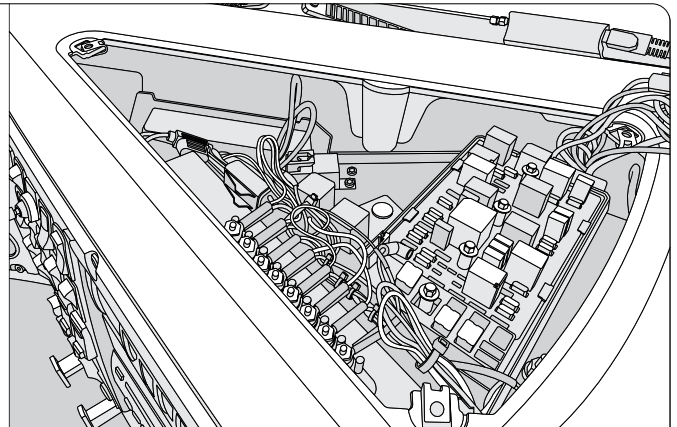
How to Install

2006-2018 Mack Vehicles

To install the HRN-CK10A2 and HRN-CM24Y1 harnesses in 2006 to 2018 Mack vehicle models, follow the steps below:

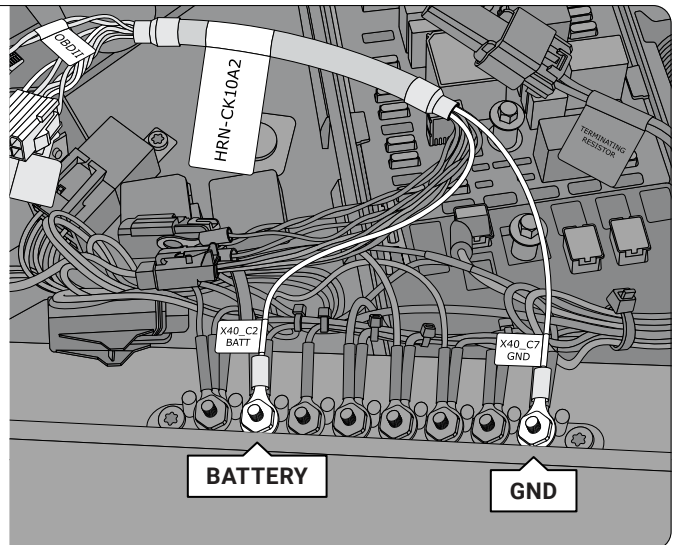


Step 1: Locate and remove the fuse box panel.



Step 2 : Connect the red wire from the HRN-CK10A2 harness (labeled **BATT**) into the second pin (labeled **Battery** on the bus bar).

Step 3: Connect the black wire from the HRN-CK10A2 harness (labeled **GND**) into the eighth pin (labeled **Ground** on the bus bar).

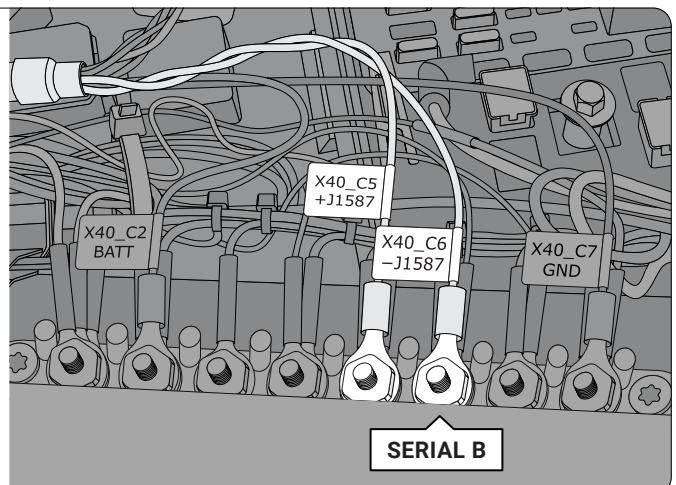


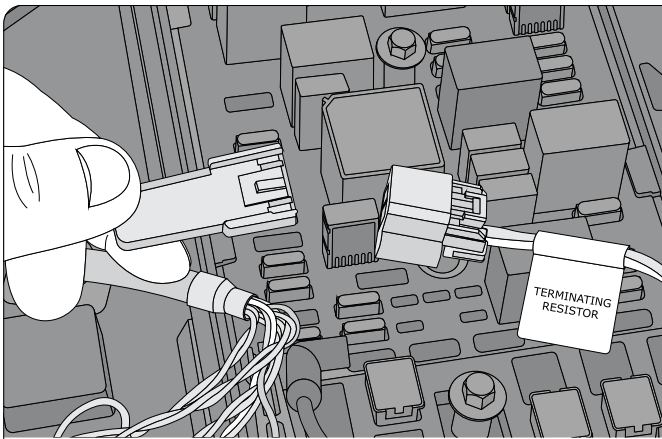
! 2008-2018 Mack vehicle models, skip to Step 4B.

Step 4A : Connect the brown wire from the HRN-CK1A2 harness (labeled **+J1587**) to the fifth pin (labeled **serial A** on the bus bar).

Step 5A : Connect the green wire from the HRN-CK10A2 harness (labeled **-J1587**) to the sixth pin (labeled **serial B** on the bus bar).

Skip to Step 6A.

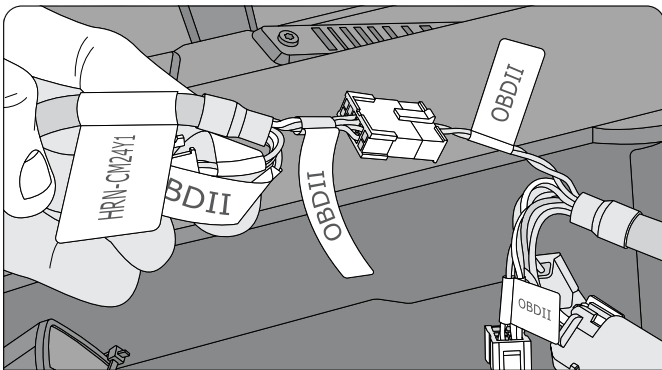
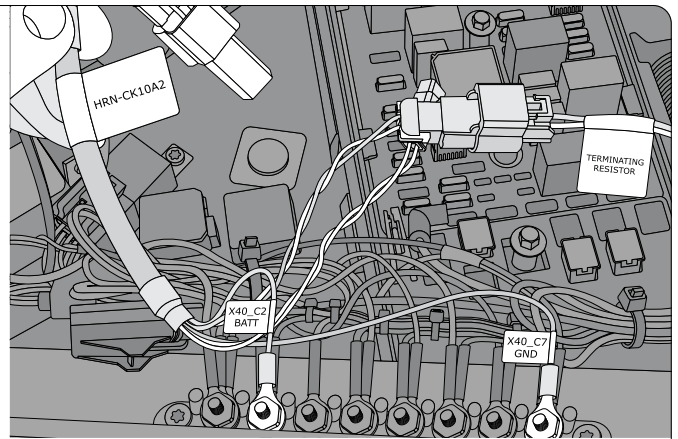




Step 4B: Locate the 2-pin J1939 connector in the fuse box and remove the EOL resistor.

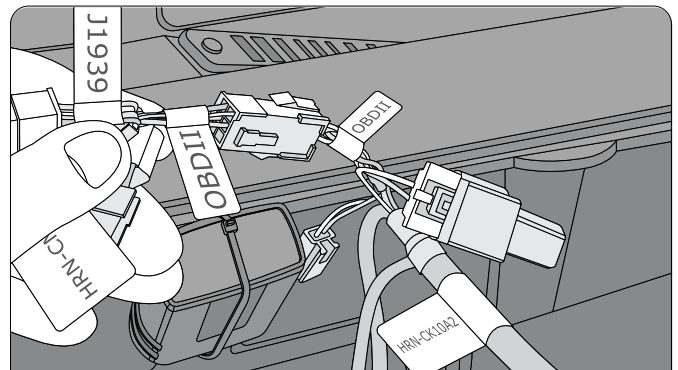
Step 5B: Plug the EOL resistor into the HRN-CK10A2 harness and plug the other end of the HRN-CK10A2 harness into the truck side from where the EOL was originally removed.

Skip to Step 6B.



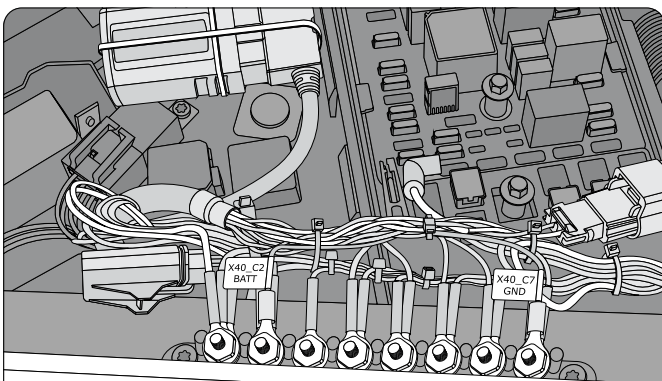
Step 6A : Connect the OBD II-labelled 12-pin black Molex connector from the HRN-CK10A2 harness to the OBD II-labelled 12-pin black Molex connector from the HRN-CM24Y1 harness.

Note: Only use when using the J1587 serial connections on the bus bar.



Step 6B: Connect the OBD II-labelled 6-pin black Molex connector from the HRN-CK10A2 harness to the OBD II-labelled 6-pin black Molex connector from the HRN-CM24Y1 harness.

NOTE: Only use when using the J1939 serial connections on the bus bar.



Step 7: Plug in the GO device, and use zip ties to secure the device and harnesses.

Step 8: Navigate to installmygps.com to verify that the device is communicating. In the space provided, enter your name, the company name, and the GO device serial number – found at the bottom of the device. Click **Log Install**.

After you click **Log Install**, the web page displays the current communication status of the device – in **GREEN** or **RED** text. If the device is communicating, the status is displayed in **GREEN** text. If the device is not communicating, the status is displayed in **RED** text.

***NOTE:** if the device is not communicating, please verify the GO device is installed correctly and try again.

2019-2021 Mack Vehicles Installation Guide [for HRN-CE10A2 harnesses]

Introduction

This installation guide provides information on how to install the HRN-CE10A2 and HRN-CM24Y1 harnesses in 2019 to 2021 Mack vehicle models.

Requirements

The following tools and materials are required to perform the installation:

- Two (2) spade terminals (length 15.5mm x width 2.95mm x thickness 0.8mm),
- Crimping pliers, and
- Torx T-25.

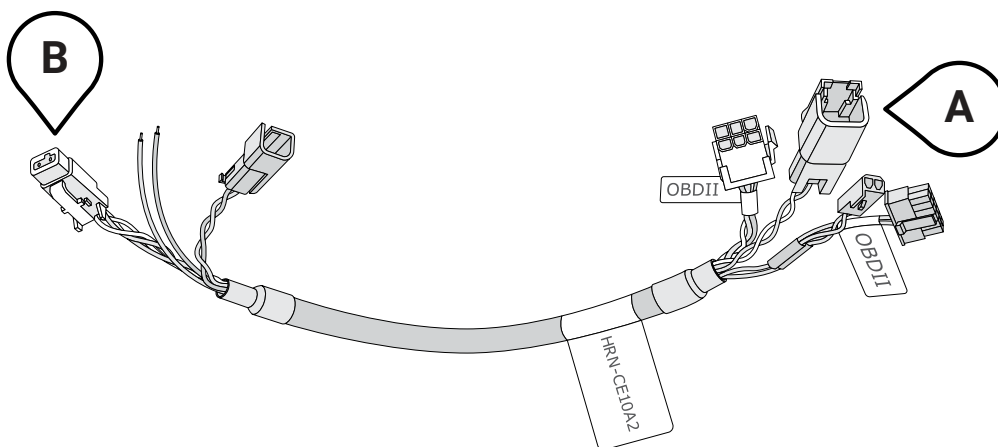
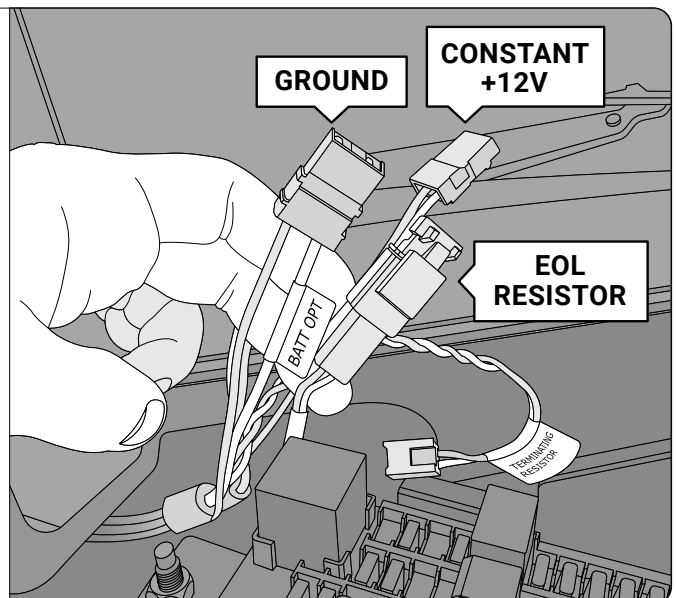
How to Install

To install the HRN-CE10A2 in 2019 to 2021 Mack vehicle models, follow the steps below:

Step 1 : Remove the Fuse Distribution Center panel.

Step 2: Identify and locate the 2-pin black connector (labeled **BATT**) OPT. With the key out of ignition, test the connector to ensure it constantly provides 12 volts.

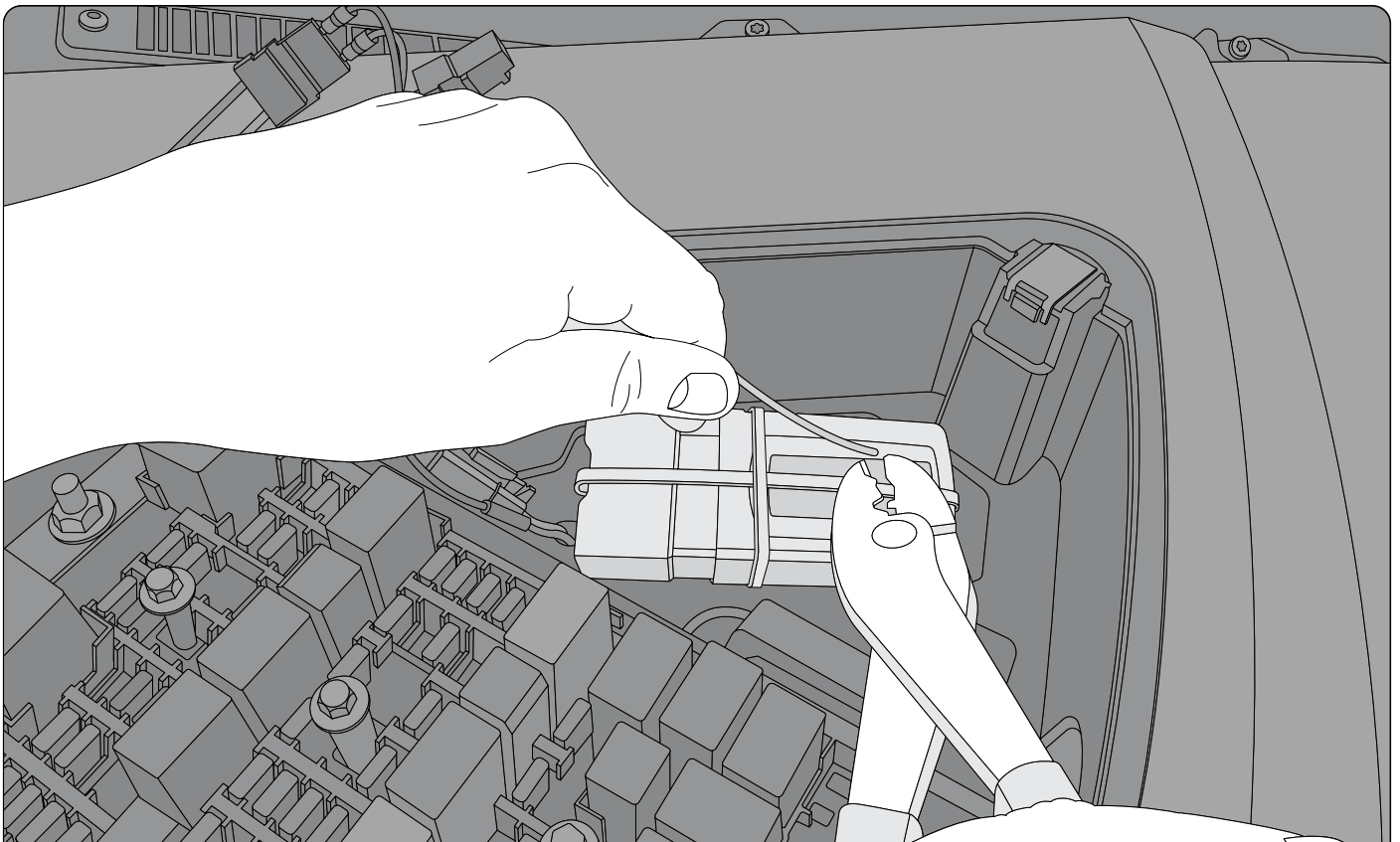
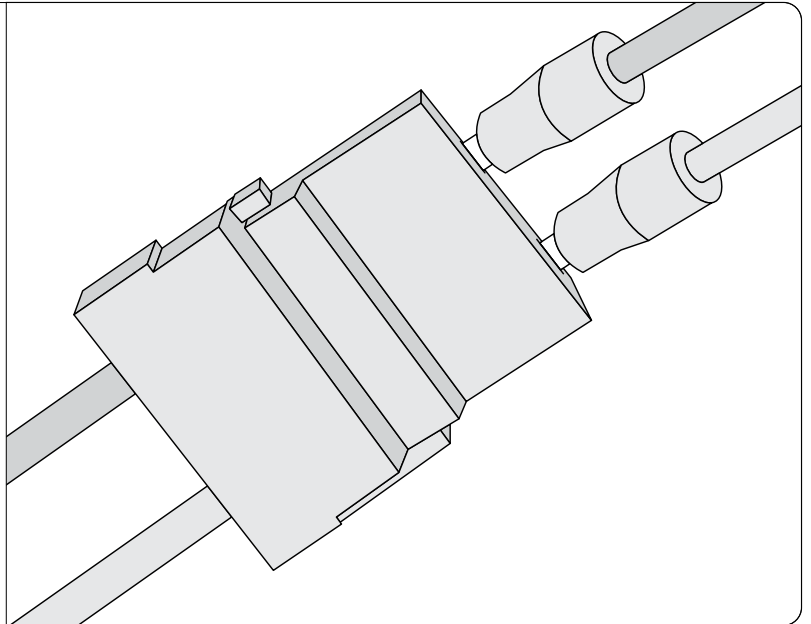
Step 3: Identify and locate the OEM gray 2-pin Deutsch connector (DTM04) with the EOL resistor.



Step 4 : Remove and insert the EOL resistor into the gray Y connector on the HRN-CE10A2 harness (labeled **A** in the image).

Step 5 : Insert the Y connector (labeled **B** in the image) into the receptacle from where the EOL resistor was removed.

Step 6: Insert the black ground spade wire into the receptacle that aligns with the gray OEM wire then insert the red constant spade wire into the receptacle that aligns with the white/orange OEM wire.



Step 7: Use zip-ties to secure the GO device and harnesses.

Step 8: Navigate to installmygps.com to verify that the device is communicating. In the space provided, enter your name, the company name, and the GO device serial number – found at the bottom of the device. Click **Log Install**.

After you click **Log Install**, the web page displays the current communication status of the device – in **GREEN** or **RED** text. If the device is communicating, the status is displayed in **GREEN** text. If the device is not communicating, the status is displayed in **RED** text.

***NOTE:** if the device is not communicating, please verify the GO device is installed correctly and try again.