

Mack 2008-2017

PeopleNet Connected Gateway™ Install

Cable Variations

THE DIAGNOSTIC PORT FOR NEW MACKS DEPENDS ON THE ENGINE.

9-Pin Diagnostic

All pre-2013 vehicles plus 2013+ vehicles with Cummins engine.



PCG 9-Pin L-016-0631

16-Pin Diagnostic

All 2013+ vehicles with Mack engine.



PCG 16-Pin L-016-0662

Install Steps – 9-Pin



- 1) Connect and mount the display.
- 2) Connect and mount the PCG.
- 3) Connect the display blue barrel and 2-pin power to the PCG Main Cable. Non-Trimble displays will not require the blue barrel.
- 4) Connect the PCG Main Cable to the vehicle (On-Dash Install) or Y-Cable (In-Dash 9-Pin Install Only).
- 5) Connect the Y-Cable to the vehicle (In-Dash 9-Pin Install).

Install Steps – 16-Pin



- 1) Connect and mount the display.
- 2) Connect and mount the PCG.
- 3) Connect the display blue barrel and 2-pin power to the PCG Main Cable. Non-Trimble displays will not require the blue barrel.
- 4) Connect the PCG Main Cable to the vehicle.
- 5) If an in-dash Y connection is desired, order part L-016-0683. or, if not available, there are several retail options. [Follow this link for the preferred option](#), or Google “OBDII Y Connector.”

Install Overview



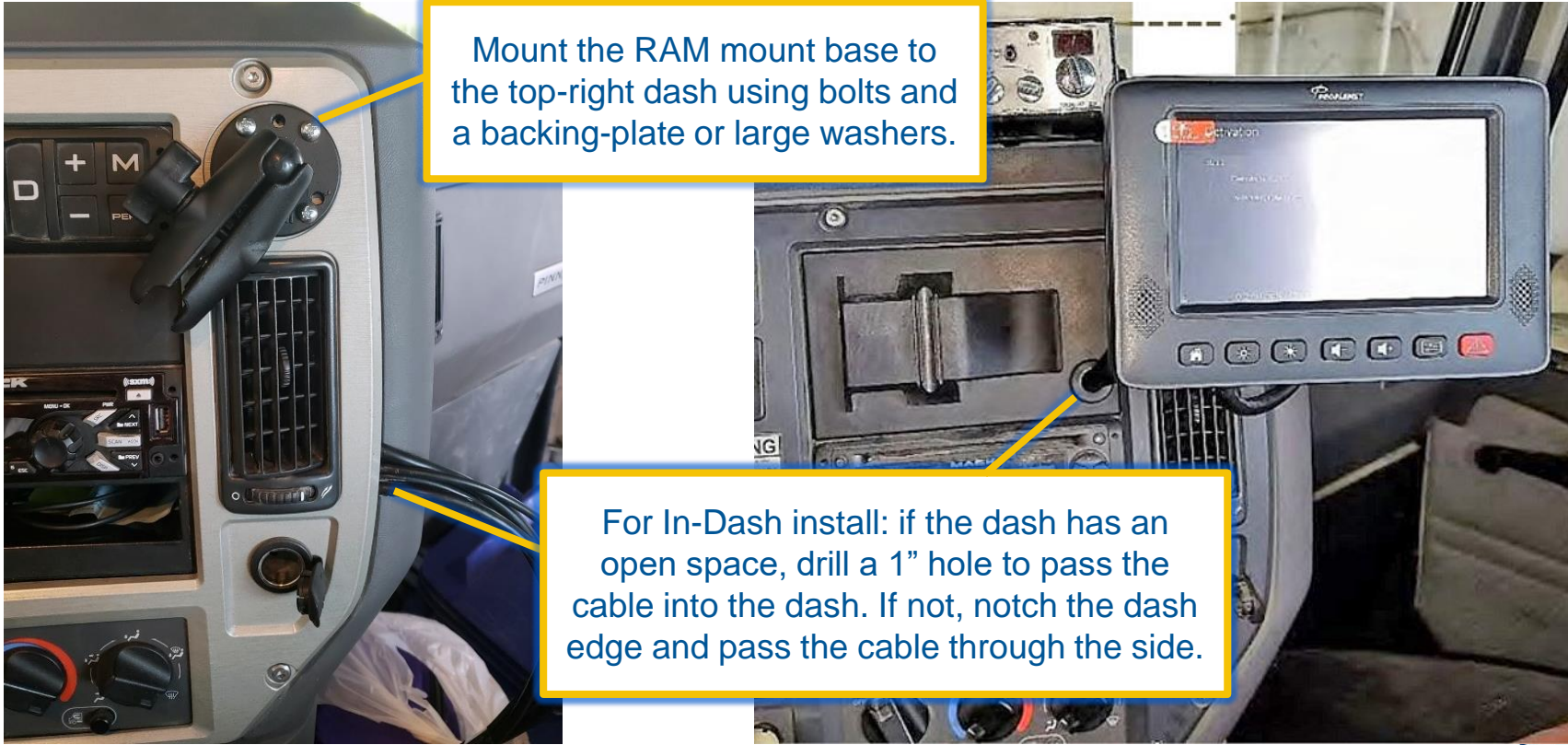
On-Dash Installation Steps

- 1) Connect the PCG Main Cable to the vehicle diagnostic port.
- 2) Route the PCG cable up the side of the dash, making sure it is clear of the door.
- 3) Clean a spot on top of the dash using an alcohol swab and a paper towel, then attach the PCG using the tape provided.
- 4) Mount the display-See below for options and steps.
- 5) Route the display cable to the connectors on the PCG cable, then connect both the 2-pin power and blue barrel connections.
- 6) Bundle the cables so they cannot interfere with the safe operation of the vehicle.
- 7) Turn the vehicle key ON to boot the system, then follow the PCG Activation steps.

In-Dash Installation Steps

- 1) Connect the PCG Main Cable to the Y cable and connect the Y cable to vehicle, leaving the Y-cable male as the new vehicle diagnostic.
- 2) Route the PCG cable through the dash to the mount location shown below.
- 3) Clean the PCG mounting space using an alcohol swab and a paper towel, then attach the PCG using the tape provided, making sure the logo is facing the sky.
- 4) Mount the display-See below for options and steps.
- 5) Route the display cable to the connectors on the PCG cable, then connect both the 2-pin power and blue barrel connections.
- 6) Bundle the cables so they cannot interfere with the safe operation of the vehicle.
- 7) Turn the vehicle key ON to boot the system, then follow the PCG Activation steps.

Display Mount



Mount the RAM mount base to the top-right dash using bolts and a backing-plate or large washers.

For In-Dash install: if the dash has an open space, drill a 1" hole to pass the cable into the dash. If not, notch the dash edge and pass the cable through the side.

PCG Install – On-Dash

Tuck the cable between the dash and cab side.

Clean the top of the dash forward of the fuse panel cover using alcohol and a clean paper towel.

Mount the PCG using the tape provided, then bundle and secure the cables.

Connect the PCG Main Cable to the diagnostic connector. For 9-pin, this will work whether the diagnostic is black or green.

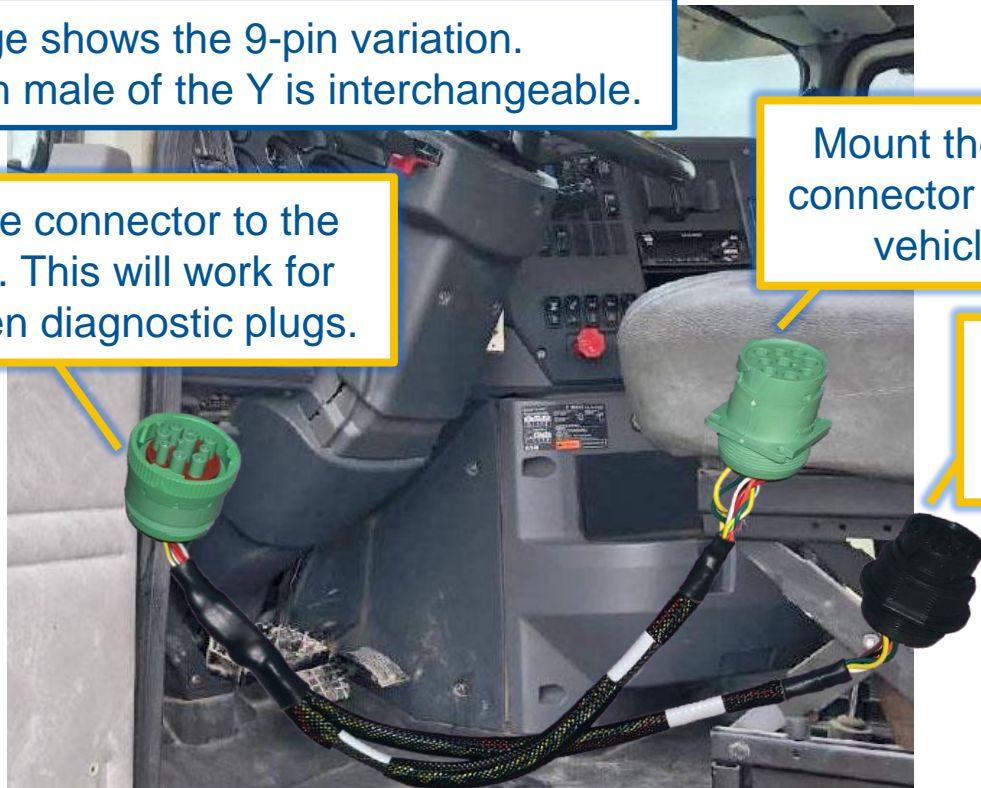
Diagnostic Connection – In-Dash

This image shows the 9-pin variation.
For 16-pin, each male of the Y is interchangeable.

Connect the vehicle connector to the green Y connector. This will work for both black and green diagnostic plugs.

Mount the green male connector in place of the vehicle original.

Connect the PCG Main Cable to the black Y connector.



PCG Mount – In-Dash

Mount the PCG inside the dash just below the change-holder but above all vehicle wiring and secured with plastic ties.

