

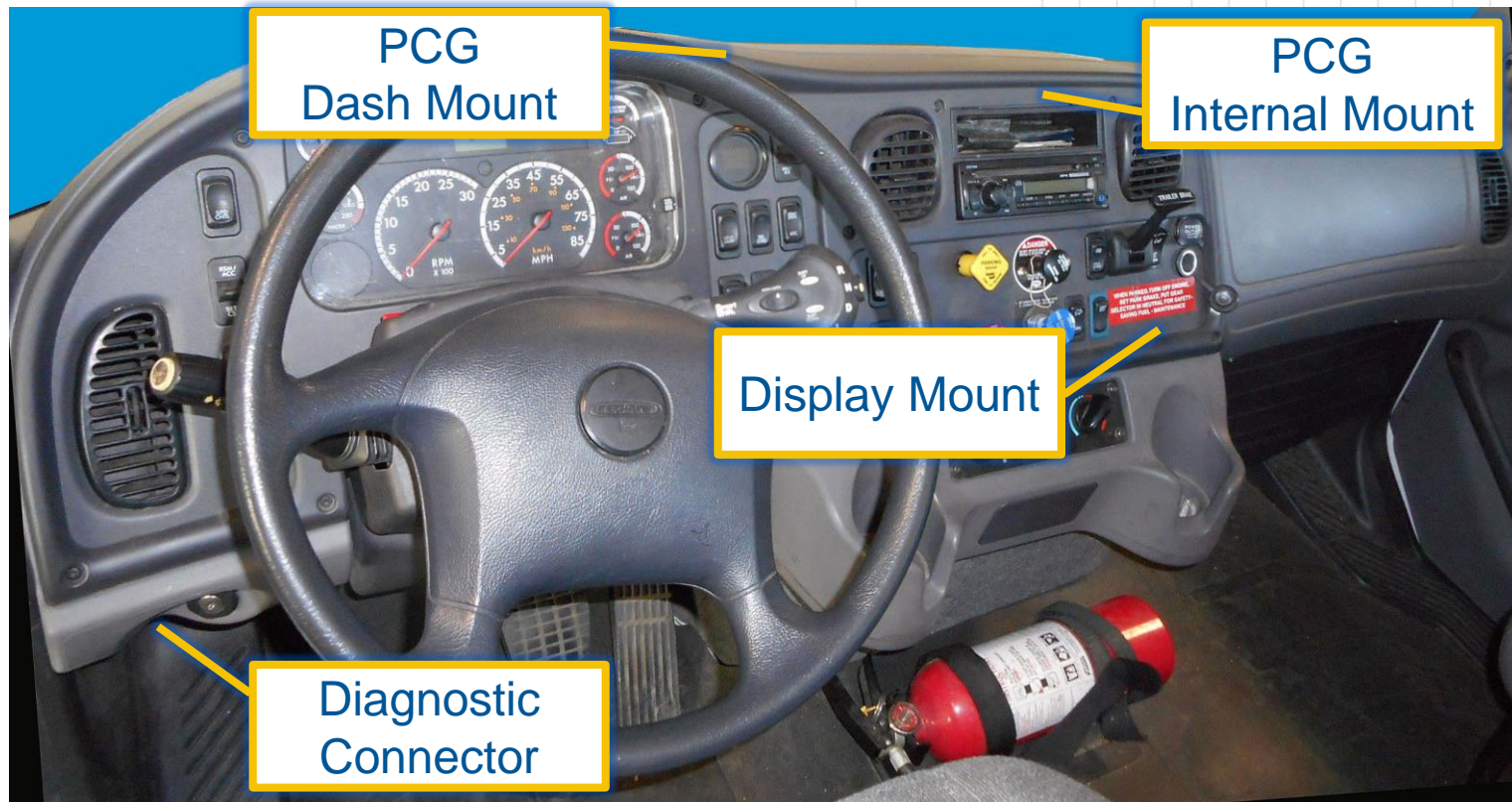
# Freightliner M2/114SD PeopleNet Connected Gateway™ Install

# Install Steps



- 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 Install).
- 5) Connect the Y-Cable to the vehicle (In-Dash Install).

# Install Overview



# On-Dash Installation Steps

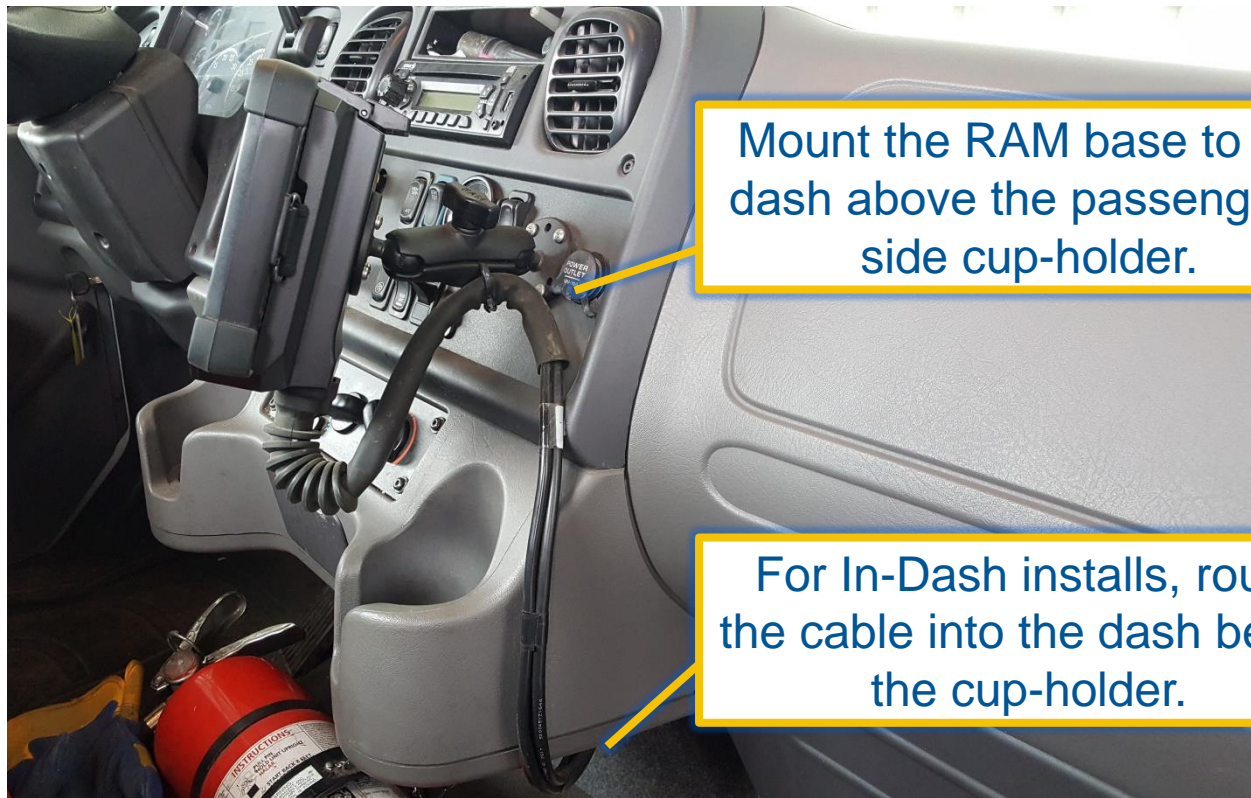
- 1) Connect the PCG Main Cable to the vehicle diagnostic port.
- 2) Route the PCG cable up the side of the dash, making sure it is clear of the door and will not interfere with safe vehicle operation.
- 3) Clean a spot on top of the dash using an alcohol swab and a paper towel, then attach the PCG using 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.



# Pre-2018 Display Mount



Mount the RAM base to the dash above the passenger's side cup-holder.

For In-Dash installs, route the cable into the dash below the cup-holder.

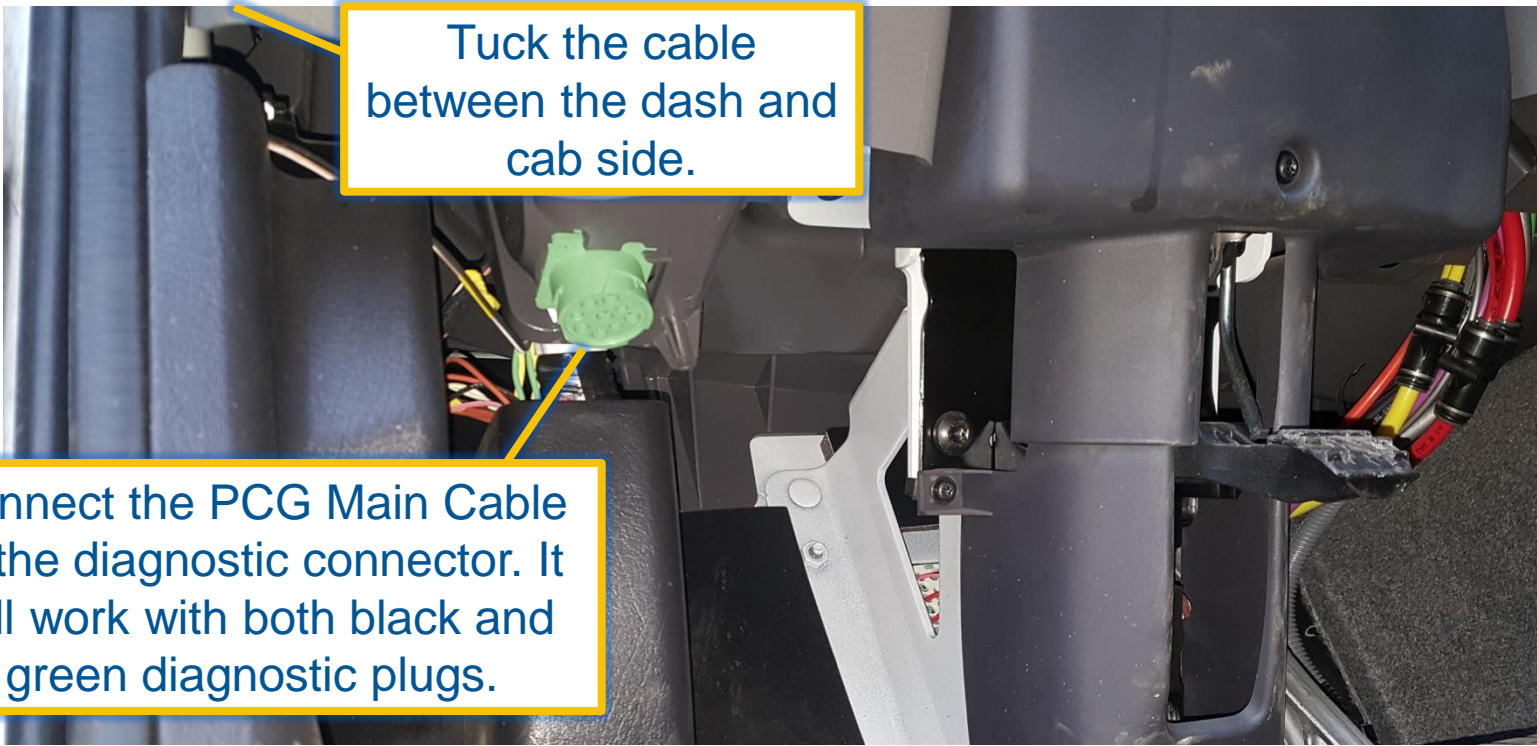
# 2018+ Display Mount



Mount the RAM base to the passenger's side of the center dash using bolts and a backing plate or large washers.

For In-Dash installs, route the cable into the dash below the cup-holder.

# Diagnostic Connection – On-Dash



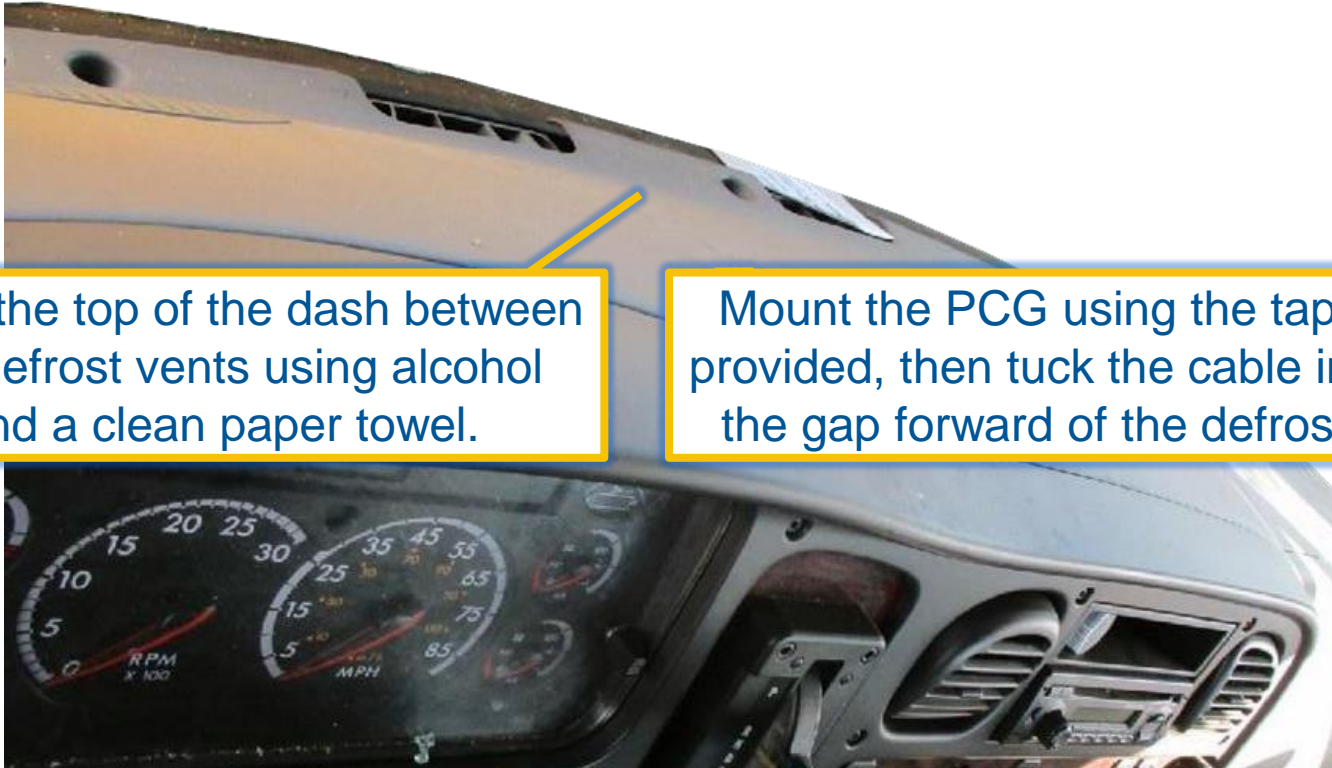
Tuck the cable between the dash and cab side.

The image shows the interior of a vehicle's dashboard area. A green diagnostic connector is visible, and a cable is being inserted into it. The area is cluttered with various wires and components. A yellow line points from the text box to the green connector.

Connect the PCG Main Cable to the diagnostic connector. It will work with both black and green diagnostic plugs.



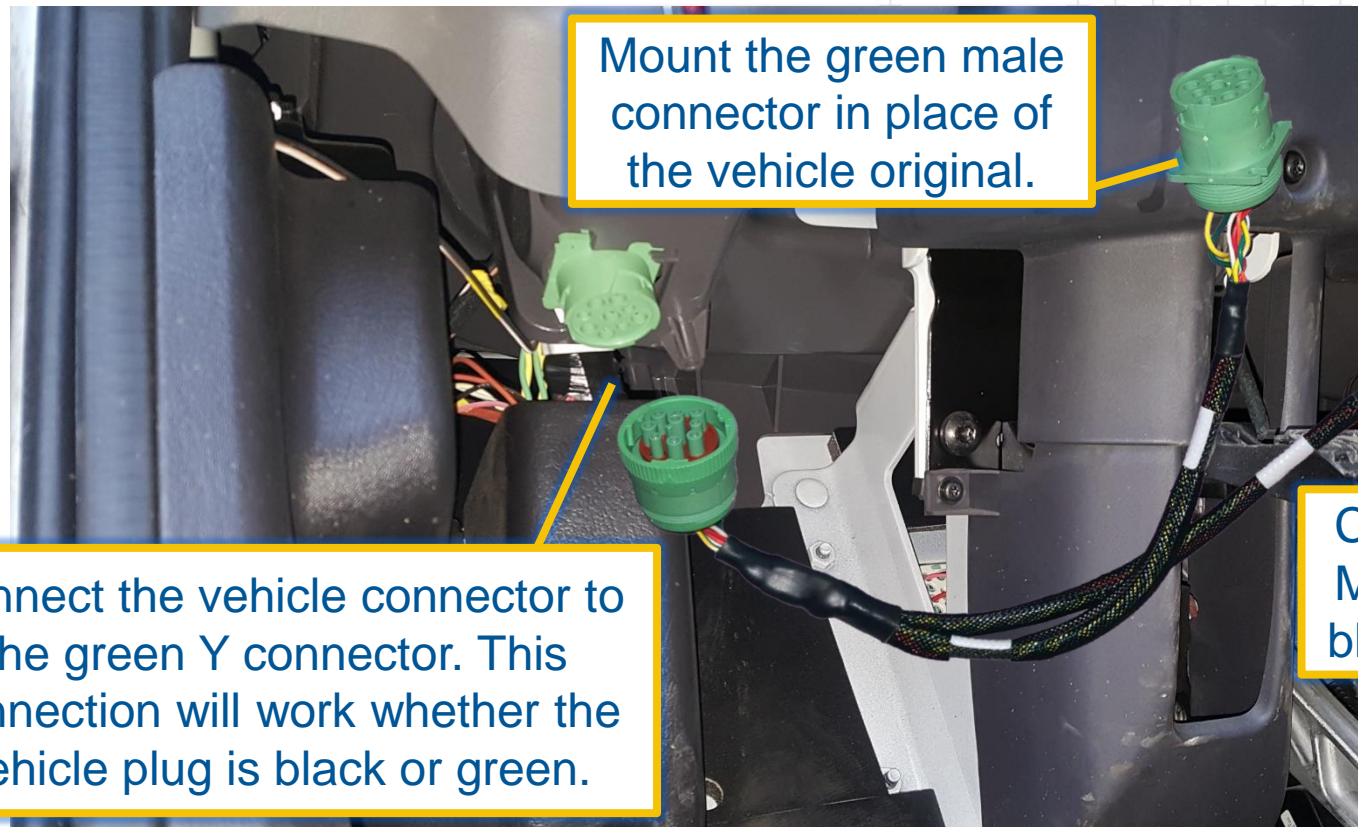
# PCG Mount – On-Dash



Clean the top of the dash between the defrost vents using alcohol and a clean paper towel.

Mount the PCG using the tape provided, then tuck the cable into the gap forward of the defrost.

# Diagnostic Connection – In-Dash



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

Connect the vehicle connector to the green Y connector. This connection will work whether the vehicle plug is black or green.

Connect the PCG Main Cable to the black Y connector.

# PCG Mount – In-Dash

Mount the PCG just below the dash top in the space above and between the air vents.

