Trimble

Peterbilt 567-579 December 2018+ PeopleNet Connected Gateway™ Install

Build Date

- This document covers Peterbilt 567-579 vehicles built in or after <u>December of 2018</u>.

- Vehicles built November 2018 or before will require the 9-Pin PCG cable. Refer to the relevant document at <u>https://mobility.trimble.com/installations/</u> for details.

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 RP1226 Main Cable to the vehicle's RP1226 connector.

   NOTE: The cable may require a re-pin as shown below.

1

2

3

4

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Install Overview

PCG Dash Mount

PCG Internal Mount
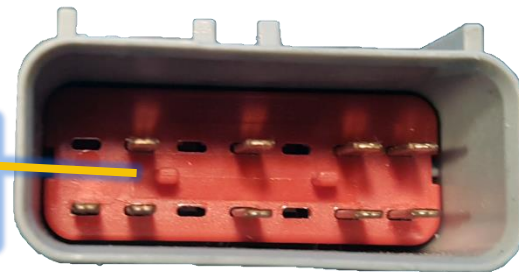
Display

RP1226 Connector

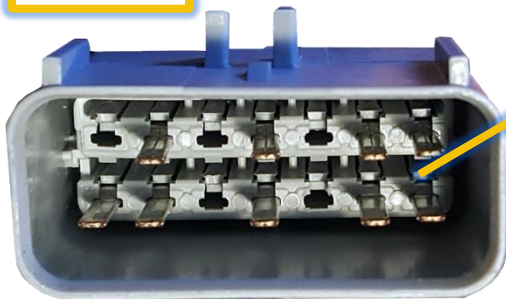Trimble.

RP1226 Cable Re-pin

Peterbilt and Kenworth use pin 1 for power, rather than the more standard pin 14. Follow these steps to re-pin the Trimble RP1226 connector.

1 Use needle-nose pliers to remove the red pin cover.

Pin 1

Pin 14

2 Use a small pick or screwdriver to release the lock on the power pin (brown wire), then gently pull the pin out from the back.

3 Insert the power pin into the #1 position, making sure the lock engages, then replace the red pin cover.

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Display Mount

Mount the RAM base to the passenger's side dash using bolts and a backing plate or large washers. If a longer swivel are is preferred, RAM mount 101U-D is recommended. This is available through RAM Mounts.

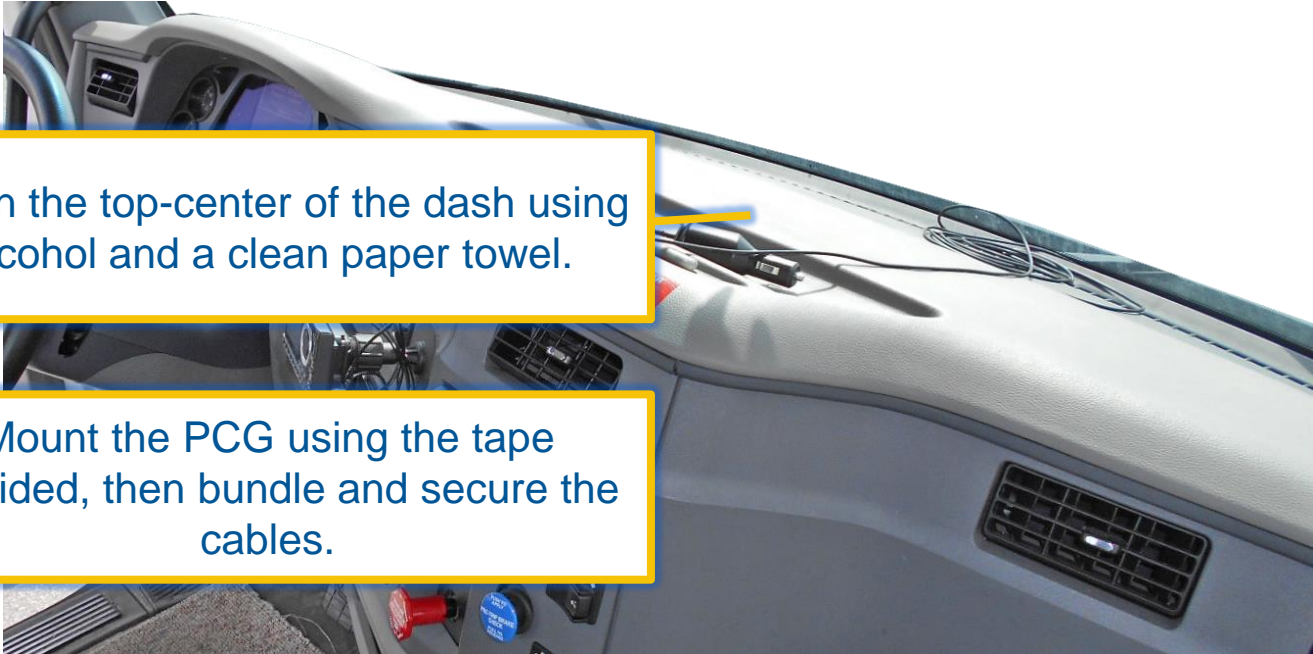For in-dash installs, route the cable just above the passenger's base panel.

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RP1226 Connection

Connect the PCG Main Cable to the RP1226 connector above the fuse panel, making sure the brown lead matches the vehicle red lead.

For On-Dash install, tuck the cable between the dash and cab side.

For In-Dash install, route the cable up and across behind the gauge cluster.

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PCG Mount – On-Dash

Clean the top-center of the dash using alcohol and a clean paper towel.

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

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PCG Mount – In-Dash

Mount the PCG inside the center dash above all vehicle wiring and secured with plastic ties.