Three horizontal orange lines of varying lengths, stacked vertically, located to the left of the title text.

# Kenworth T680-T880-W990 December 2018+ PeopleNet Connected Gateway™ Install

A decorative graphic on the right side of the slide. It features a dashed white line curving upwards from the bottom right towards the top right. Below this line are three yellow right-pointing triangles stacked vertically.



# Build Date



- This document covers Kenworth T680-880-990 vehicles built in or after December of 2018.
- Vehicles built November 2018 or before will require the 9-Pin PCG cable. Refer to the relevant document at <https://mobility.trimble.com/installations/> 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.

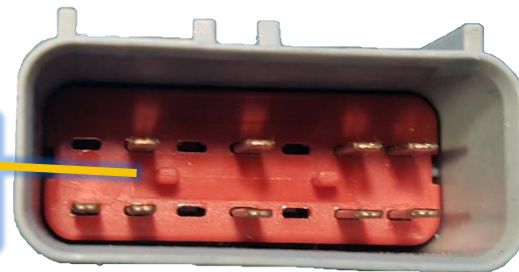
NOTE: The cable may require a re-pin as shown below.

# RP1226 Cable Re-pin

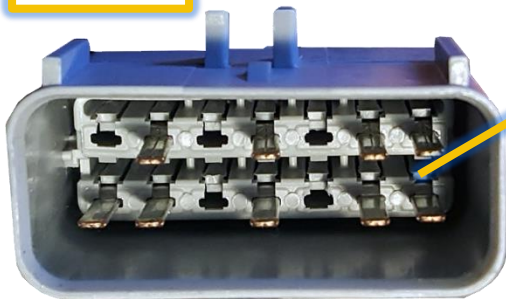
Peterbilt and Kenworth use pin 1 for power, rather than the more standard pin 14. Follow these steps to re-pin the Trimble RP1226 connector.



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



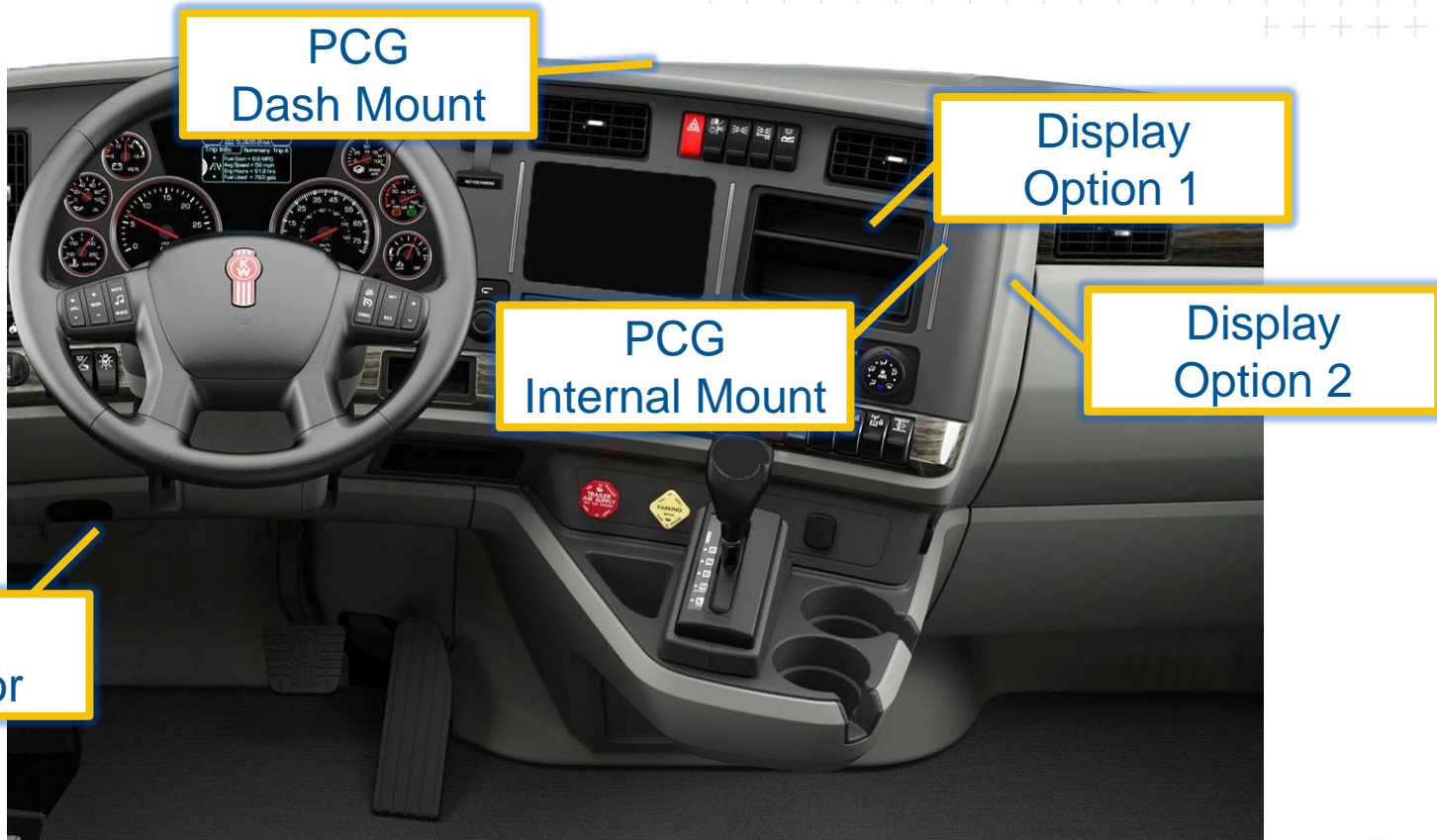
**2** Use a small pick or screwdriver to release the lock on the power pin (brown wire), then gently pull the pin out from the back.



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



# Install Overview



RP1226  
Connector

PCG  
Dash Mount

PCG  
Internal Mount

Display  
Option 1

Display  
Option 2

# Display Option 1

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

For in-dash installs, drill a 1" hole in the panel and route the cables in.

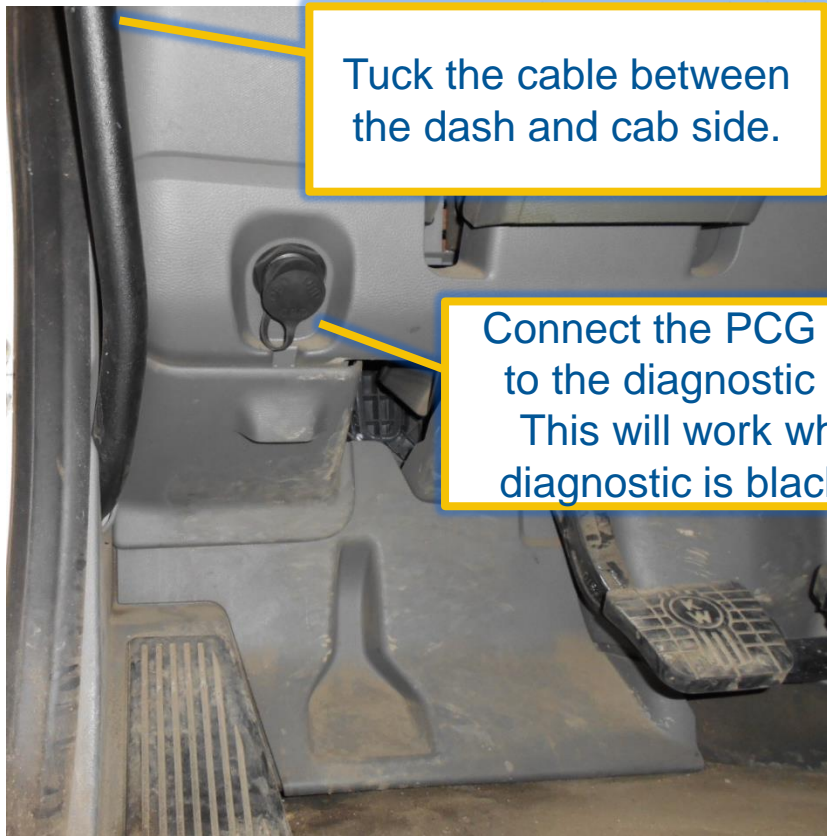


## Display Option 2



Mount the RAM base to the passenger's side of the dash using bolts and a backing plate or large washers. Be sure to leave enough room for the glove-box to open.

# Diagnostic Connection – On-Dash



# RP1226 Connection

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

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

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

# PCG Mount – On-Dash

Clean the top of the dash inside the center dash groove.

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

# PCG Mount – In-Dash



Install the PCG forward and right through the right-center dash panel, above all vehicle cables. Secure with plastic ties making sure the logo faces up.