



## Peterbilt 567 Wiring Harness Installation

**Date:** 5.5.2024

**Subject:** Peterbilt 567 Wiring Harness Installation

**Models:** 567



Cummins Clean Fuel Technologies

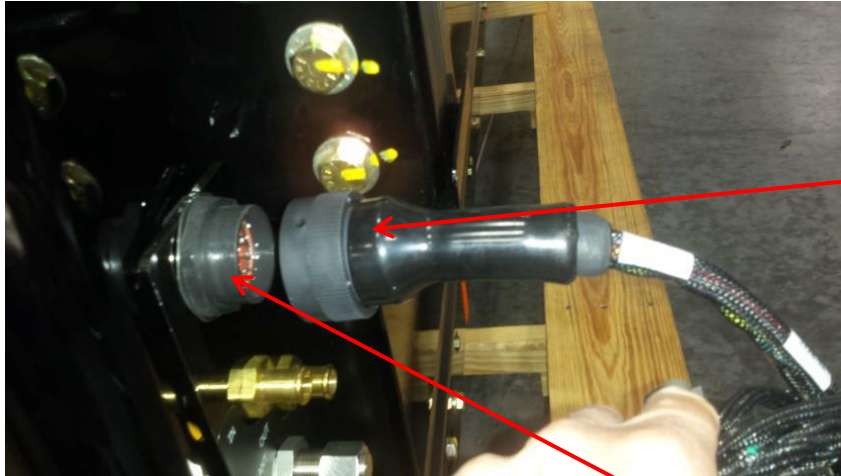
1051 Republic Drive, Suite 200

Roanoke, TX 76262

Phone: 817-767-6020

**Wiring Harness Installation:**

On the CCFT Chassis Interface Harness, MP92-1634, connect the P4 23 pin cannon plug to the 23-pin connector on either the Fuel Management Module or the system, depending on which one you have.



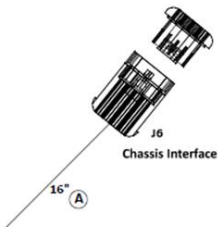
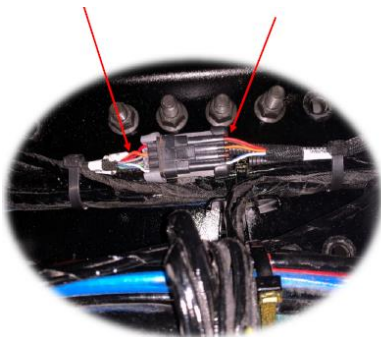
23 Pin Connector

23 Pin Bulkhead Connector on System or Fuel Management Module (FMM)

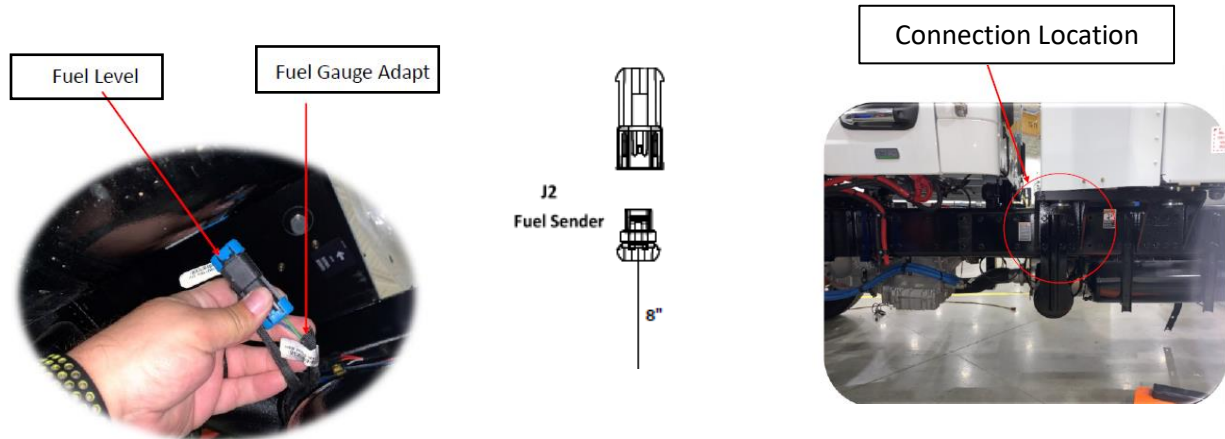
Route the CCFT Chassis Interface Harness towards the front of the truck. While running the harness you will see connector J6 which is the chassis interface for power, ground, fuel level, and fuel door open/closed on the main display. This will connect to the Chassis 8 Pin fuel module connection.

Chassis 8 PIN Fuel Module Connection

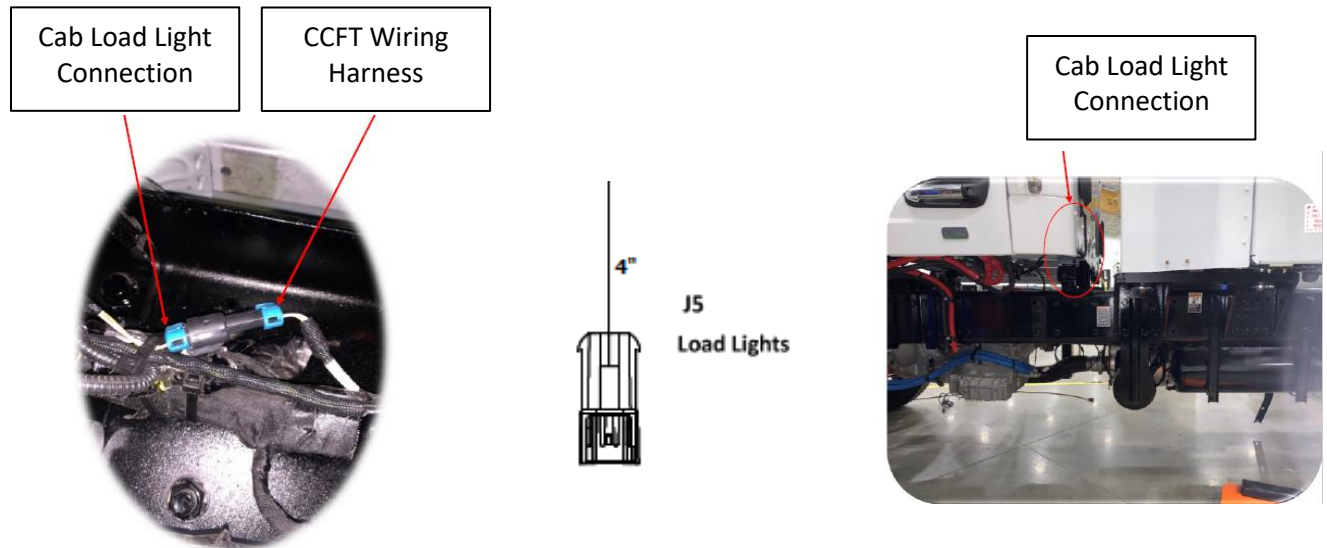
Connection Location



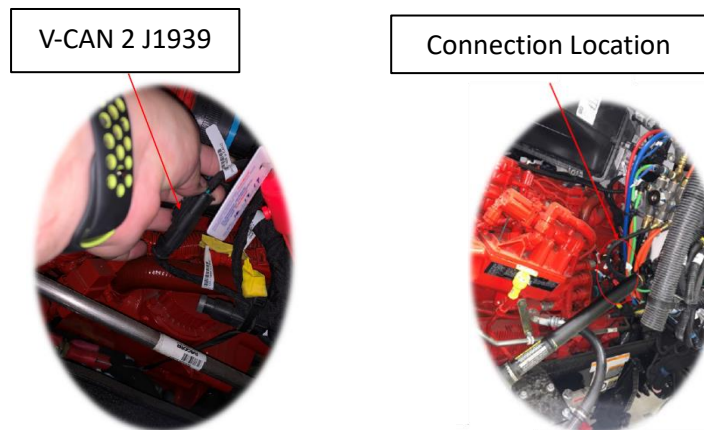
Connect the Fuel Level and the Fuel Gauge Adapt on the chassis wiring harness are connected. (This puts the fuel level input at the 8 PIN connector.)



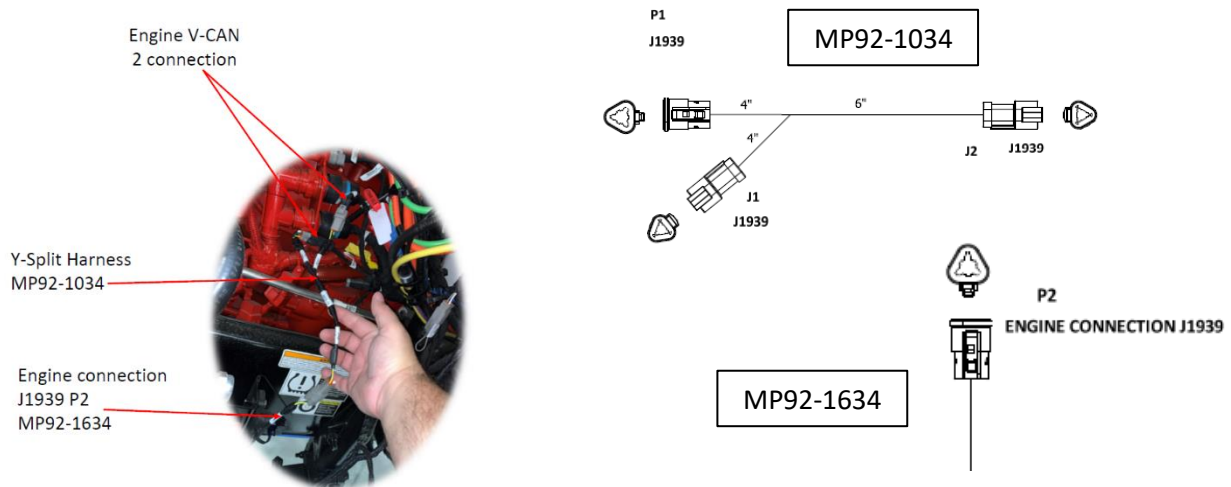
Connect Load Light if equipped, for Load lights connect chassis Load Light connection to the CCFT wiring harness J5.



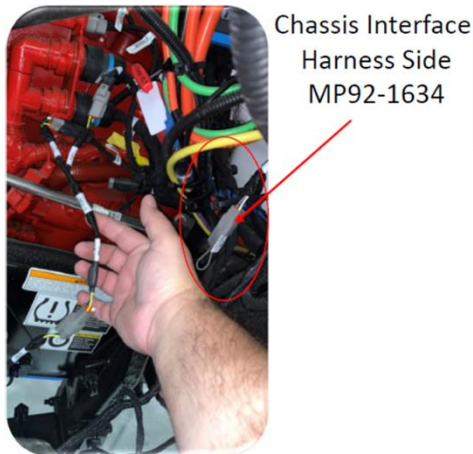
Route the CCFT Chassis Interface Harness towards the front of the truck. Locate the V-CAN 2 J1939 connector.



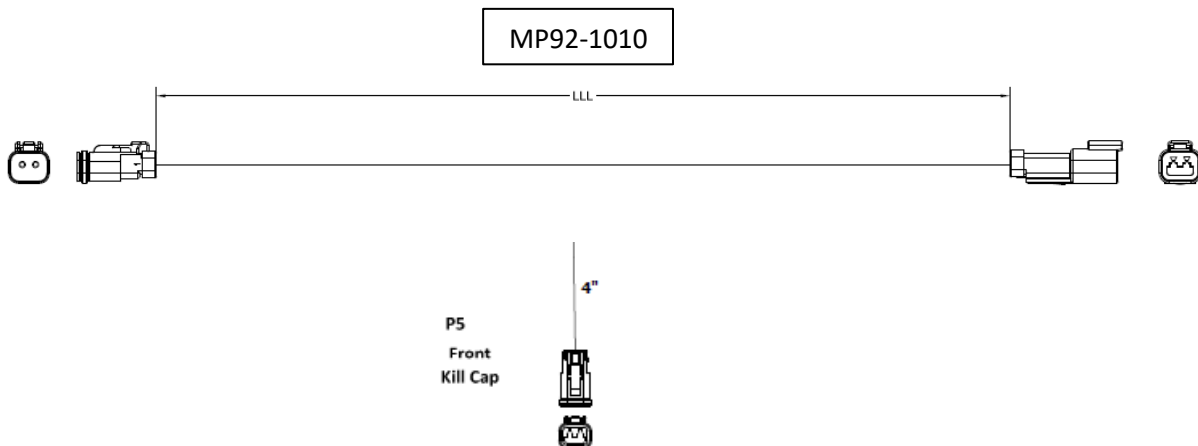
Locate the V-CAN 2 connection. Use MP92 1034 wiring harness and connect P1 and J1 from MP92-1034 wiring harness to the engine V-CAN 2 connection, and J2 will connect to MP92-1634 P2.



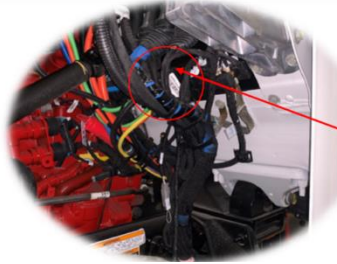
If equipped with a Bumper Fill, route the Bumper Fill Harness MP92-1010. On the CCFT Chassis Interface Harness use connector P5 Front Kill Cap which will be used for the bumper fill. Remove the J4 plug from the chassis harness and connect the MP92-1010 harness.



Bumper fill side



Route the rest of the CCFT Chassis Interface Harness into the cab on the left-hand side of the cab through the firewall. But you will want to remove the kick panels from underneath the steering wheel on the driver side in the cab. J3, P1, and J1 will be the connections on the chassis interface harness that will run inside the cab.



Location of where The harness goes Through.

Here is where It goes through The firewall. You Will need to Remove the Rubber plug



Remove this Panel first.

Remove this Panel second.

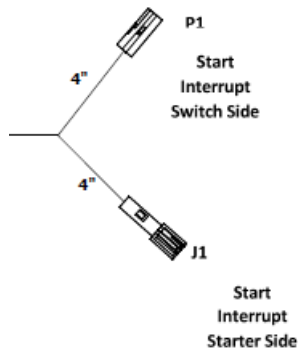


Here is where It comes in On the inside Of the cab.

Remove the key panel to expose the wires to connect the start interrupt connection. Connect the P1 and J1 to the start signal connection.



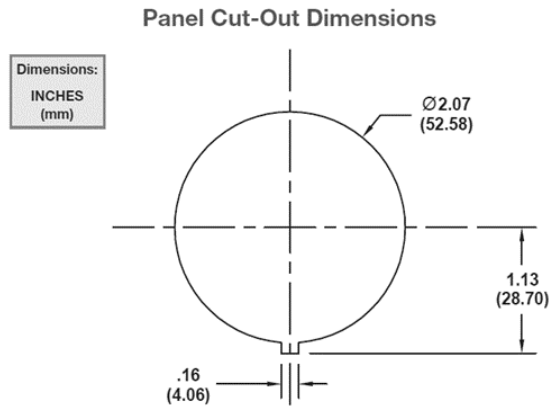
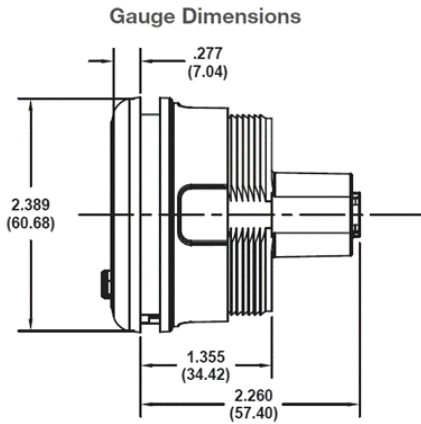
Remove this Panel.



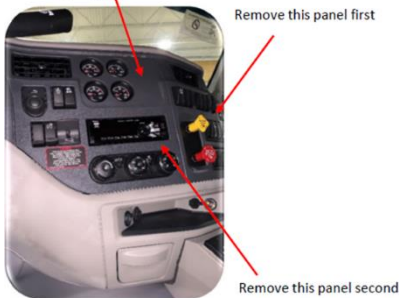
Locate the start Signal connection.



Route MP92-1634 J3 (Digital Gauge J1939) up to the gauge cluster to install the CCFT digital fuel gauge. Drill a hole at the size of 2-1/8" and install the CCFT digital momentum fuel gauge next to the other gauges that are factory installed.



Here is the panel before the gauge install.



Here is the panel after where the gauge will go.

Use Wiring Harness MP92-1031 P1 to connect to MP92-1634 CCFT Chassis Interface Harness J3.

MP92-1031  
P2 Fuel Gauge connection

Digital Gauge connection  
For MP92-1031 P2 connector



P1 J1939 SIGNAL

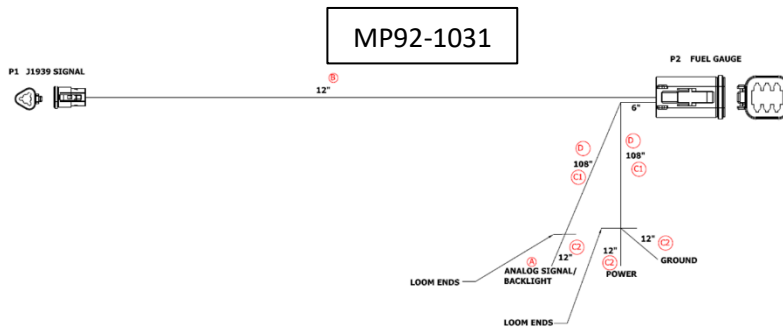


J3

DIGITAL GAUGE J1939



Connect the CCFT digital fuel gauge power, ground, and backlight behind the panel using the MP92-1031 wiring harness.



MP10-1624 QTY X 3  
You will use these on the Splice blocks below. They are in The Digital Gauge kit.



Behind this panel is the Splice blocks



Here is where the Splice blocks are exposed



Ground Splice Block



Switch Power Splice Block



Backlight Splice Block



Verify a 10 AMP fuse installed in the engine compartment fuse box B1.



Verify a 10 AMP fuse installed in the cab fuse box B6.

