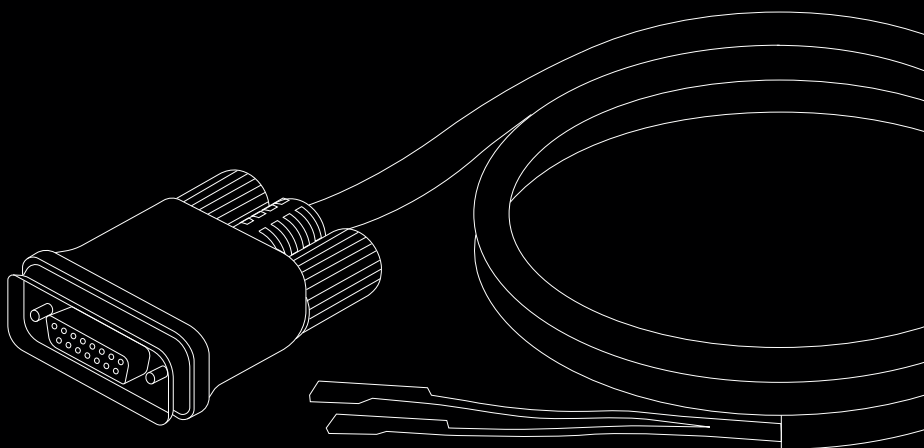


Cable 3043

Vehicle Gateway installation guide for
Freightliner 2017 and later trucks



motive

Tools needed

- Electric drill
- Torx T25 8mm drive bit socket
- 5 labeled cups to keep track of screws/nuts
- Dash bezel
- instrumentation panel
- Top panel
- Passenger dash panel
- Mount plate
- Flashlight (optional).

Instructions

Step 1

Ensure the vehicle is safe to install the Motive Vehicle Gateway:

- The parking brake is engaged.
- The engine is off.
- The main power switch (if available) is turned off.



Step 2

Remove nine T25 screws from the outer dash bezel and place in cup labeled **“Dash Bezel.”**
Remove the outer dash bezel and place outside the cabin.

Step 2 (continued)



Step 3

Remove eight T25 screws from the instrumentation panel. Remove the red **"Trailer Air Supply"** and yellow **"Parking Brake"** knobs (if present). Place the screws and knobs in a cup labeled **"Instrumentation Panel."**



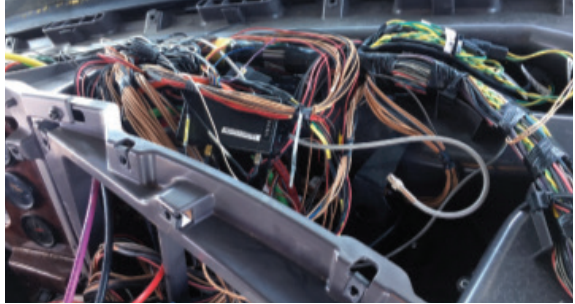
Step 4

Remove two T25 screws from passenger dash panel and place in a cup labeled **"Passenger Dash Panel."** Remove the passenger dash panel and place outside the vehicle. Be careful not to damage the panel detents.



Step 5

Remove nine T25 screws from the top panel and place in a cup labeled “**Top Panel.**” Gently raise the top panel a few inches from its original position.

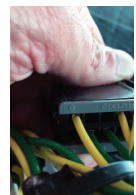
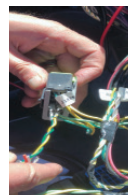


Step 6

Insert the terminated leads of the Motive cable through the top panel.

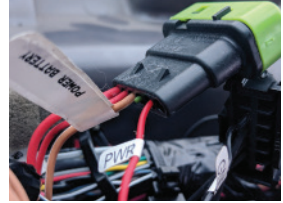
Step 7

Identify a J1939 250K TEM splice pack near the center dashboard (typically splice pack 2/SP2). Remove grey wire grommet in the back of the splice pack. Connect the CAN interface of the cable to the truck's J1939 250K CAN interface. Insert the CAN_H wire and CAN_L wire into the yellow and green section of the TEM splice pack, respectively. Insert the grey wire holder into the back of the splice pack.



Step 8

Connect the black ground wire to the “**GND**” TEM splice pack. Connect the red wire to the “**Power Battery**” TEM splice pack.



Step 9

Take the 15-pin connector end of the cable and place it on top of the dashboard. Secure the wiring and TEM splice packs with zip ties then reattach the panels.

Depending on the vehicle, the panels may need to be modified in order to run the cable to the top of the dashboard. If the panels cannot be modified, then mount the vehicle gateway inside the panel. When mounted inside the panel, ensure the cable is not pinched, as this will damage the cable.

Step 10

Attach the 15-pin connector to the Vehicle Gateway and mount the Vehicle Gateway to the top of the dashboard.

Secure the 15-pin connector onto the Vehicle Gateway using the thumbscrews.



Step 10 (continued)

Use the provided alcohol swabs to clean the mounting area.

Remove the backing from the adhesive strip on the back of the Vehicle Gateway and attach it to the mounting area.

Mount the Vehicle Gateway near the windshield, away from vents and electrical components and at least 12 inches away from any metal components.

Step 11

Once plugged in, the indicator lights will flash momentarily before turning solid red. After approximately one minute, the left-side indicator light will turn green indicating a successful GPS/GNSS connection.



Step 12

Once the driver connects to the Vehicle Gateway using the Motive Driver App available on iOS and Android, the right-side indicator light will turn green indicating a successful Bluetooth connection.

Please refer to the **Motive Driver App Guide** for more details on the Motive mobile platform. For any assistance, please contact Motive support at **855-434-3564** or email **support@gomotive.com**.

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