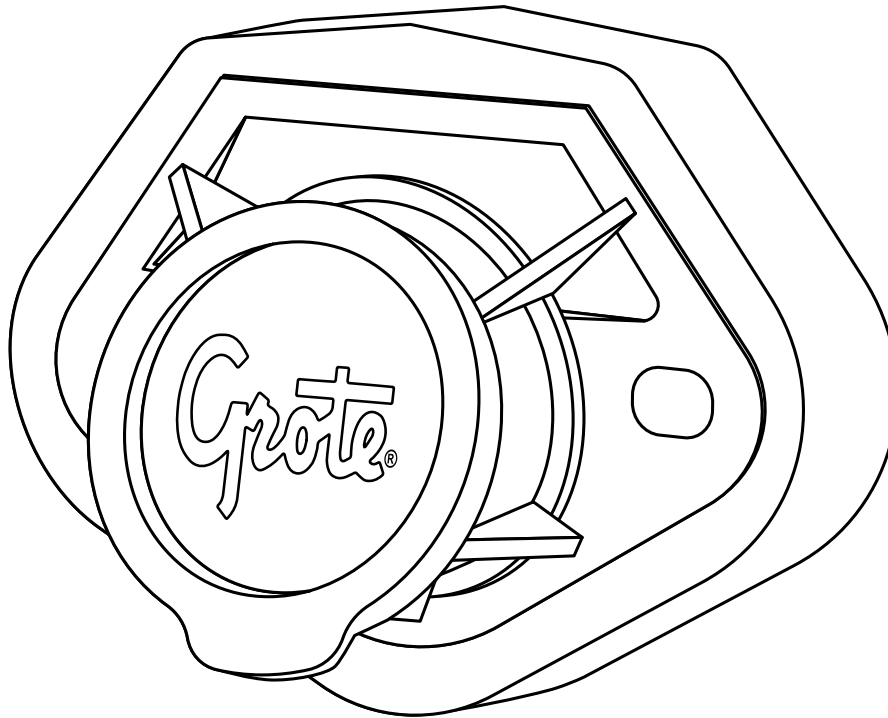


# GROTE GUARDIAN<sup>®</sup>

## G7 INSTALLATION

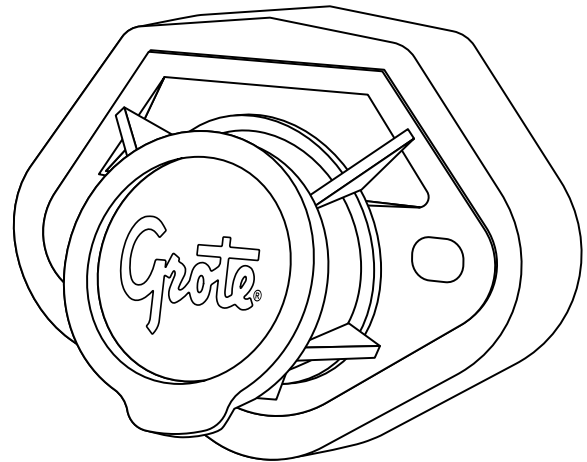


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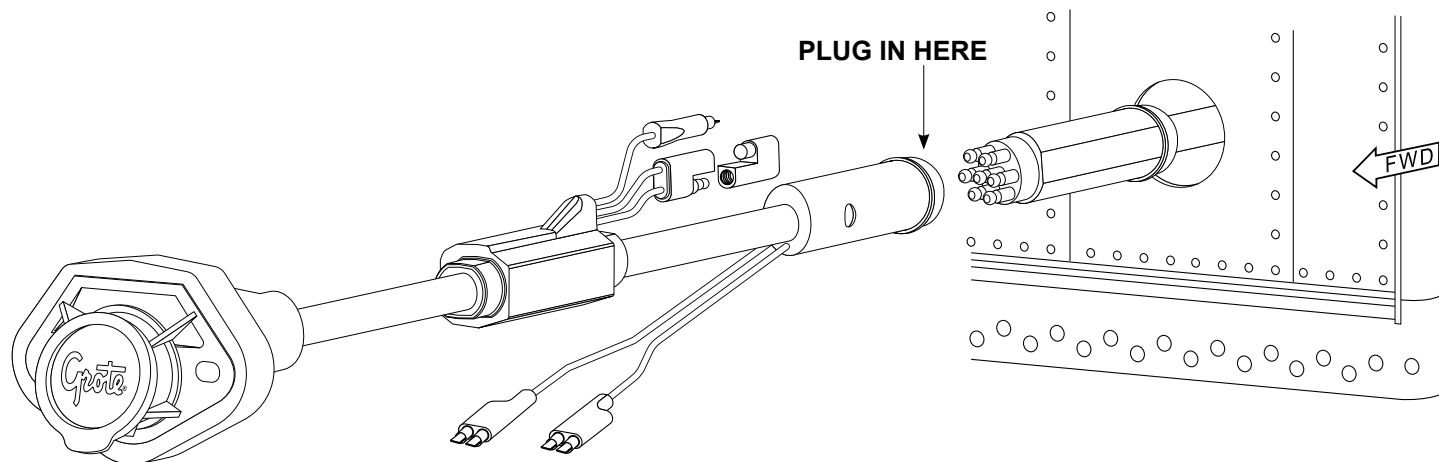
The **Grote Guardian** provides fleet operators with real-time status of their trailer lighting system for both LED and Incandescent lamps, wirelessly monitoring and providing you with real-time alerts, notifications and reports for better fleet control. The results? The ideal combination of increased safety and uptime with decreased maintenance and CSA costs.

Installing the **Grote G7 Nose Box** will allow your trailer to communicate with the Grote Guardian.

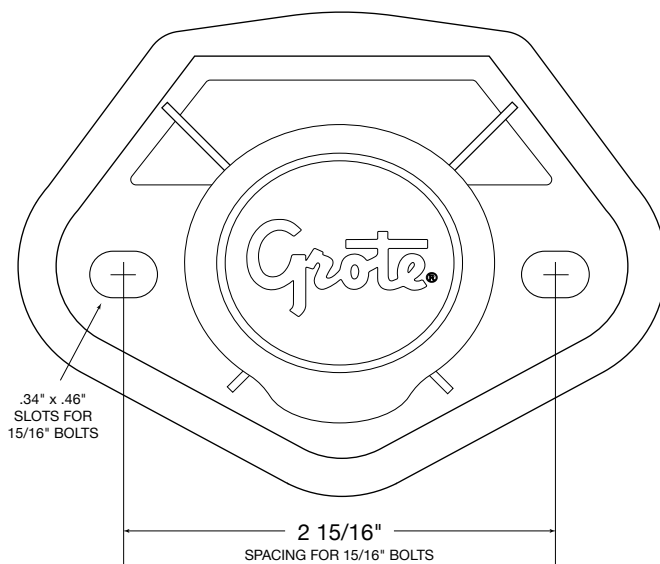


## G7 NOSE BOX INSTALLATION

- 1) Determine the best location for the nose box mounting plate on the front of your trailer. Clean any dust and grime from all mounting surfaces. Pull main harness through and plug into 7pin female part of the Guardian harness.



- 2) If retrofitting your trailer with Guardian, confirm there is no corrosion on the 7 way male pins and that are pins are in place. Clean terminals on plug. If creating a new hole, see illustration for mounting hole size.

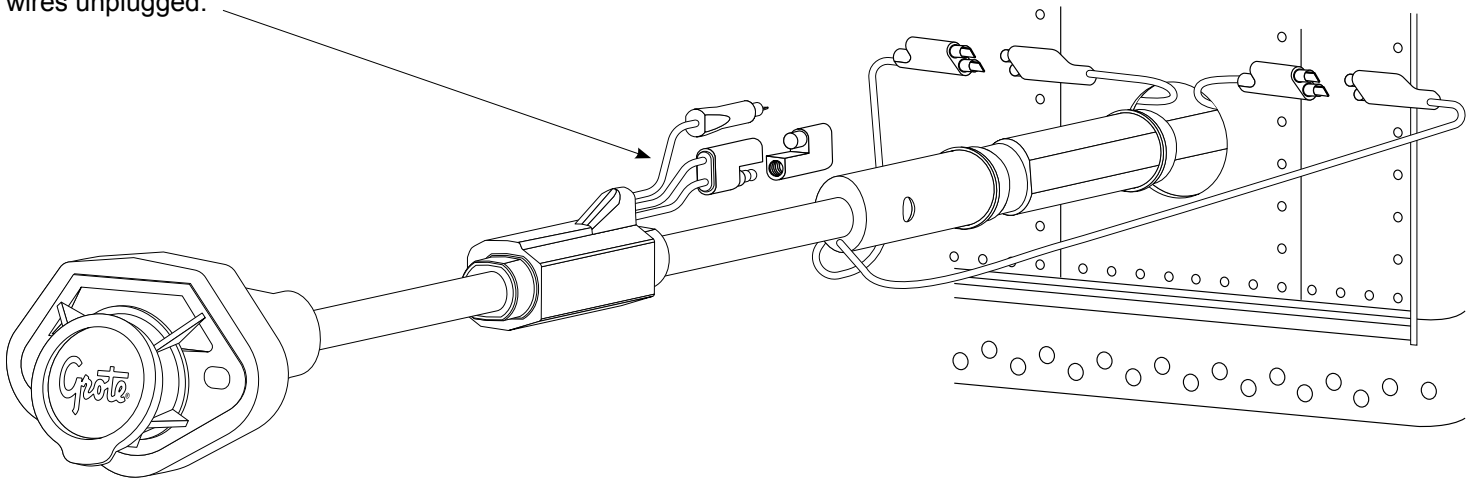


## G7 NOSE BOX INSTALLATION (cont'd)

3) Connect clearance lamp cables to G7 drop cables if needed.

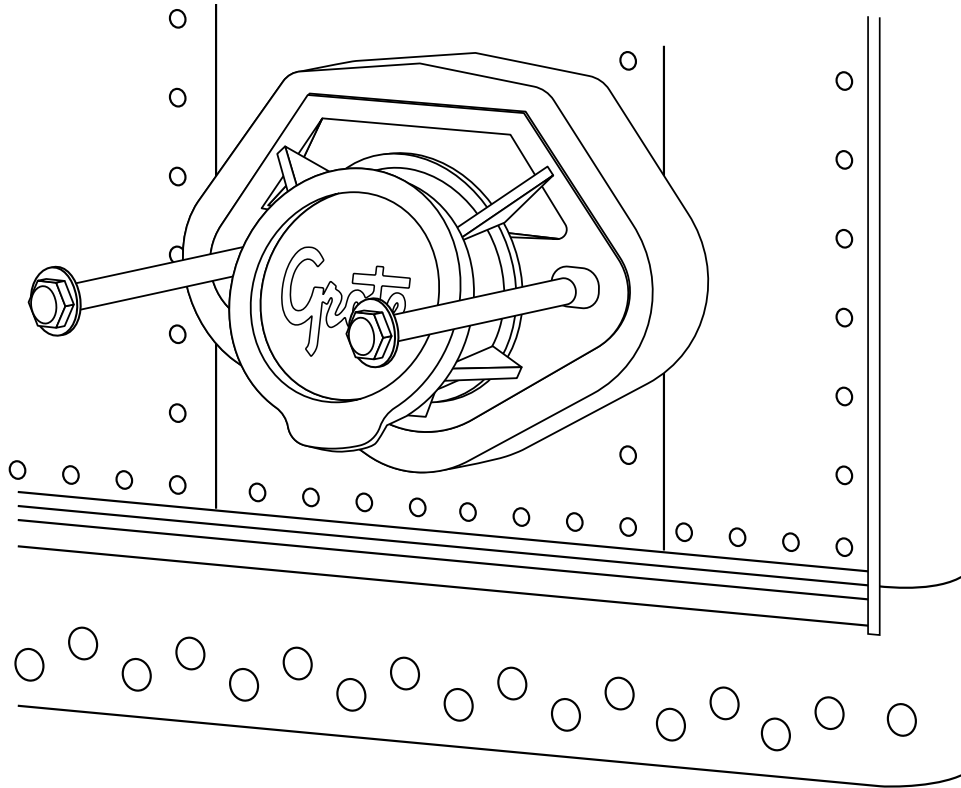
NOTE: Default behaviors of the wired output is J1939 compliant.

These connections are for wired communication to a 3rd party telematics provider. When using Bluetooth communication to the app, leave these wires unplugged.



## G7 NOSE BOX INSTALLATION (cont'd)

- 4) Feed harness and all wires through hole. Mount plug flush to trailer wall or plate with 15/16" bolts.



- 5) Power cycle the Guardian Hex Box device and verify the system is broadcasting properly.



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