

# SAFETY RECALL

**Mack Trucks Inc.**  
Greensboro, NC USA



| Date    | Number | Release | Page  |
|---------|--------|---------|-------|
| 09.2024 | SC0448 | 01      | 1(19) |

## **Mack GR, GU Turn Signal Visibility GR, GU**

### **RECALL INFORMATION**

(September 2024)

Mack Trucks has determined that on certain 2015 to 2023 model year GR and GU trucks, the turn signal visibility may not alert other drivers to a turning vehicle, increasing the risk of a crash.

To ensure that these vehicles meet Mack's stringent quality requirements, follow the instructions outlined below to add additional indicator lamps to the front nameplate of the truck.

### **VEHICLES AFFECTED**

Certain Mack GR and GU vehicles manufactured between September 1<sup>st</sup>, 2014, and September 22<sup>nd</sup>, 2022.

### **VEHICLE QUANTITY**

There are 32,698 vehicles affected by this recall. (27,418 US, 5,280 CAN)

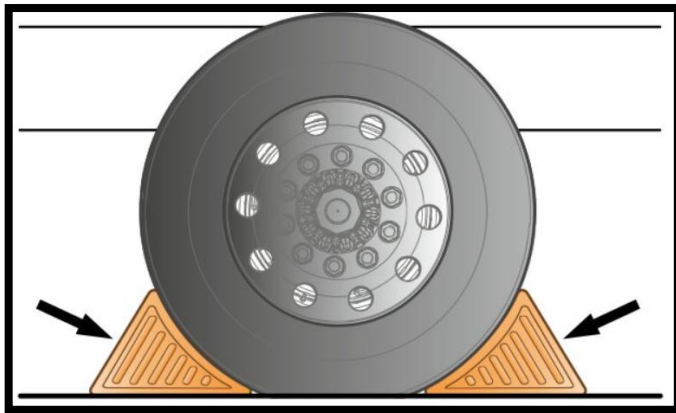
Parts will be ordered through normal ordering process. **There are multiple harness options depending on year, axle position, and frame length.** Please verify new harness using VIN before ordering. Only order what is required for the truck application. There are two versions of trucks that will need two harnesses.

| Part Number | Part Description                                  | Quantity    |
|-------------|---------------------------------------------------|-------------|
| 24229625    | Harness (2018+ Axle Forward/Verify with VIN)      | 2           |
| 24229627    | Harness (2018+ Axle Back/ Verify with VIN)        | 2           |
| 24685091    | Harness (2014-2017 Axle Forward/ Verify with VIN) | 1           |
| 24685099    | Harness (2014-2017 Axle Forward/ Verify with VIN) | 1           |
| 24685112    | Harness (2014-2017 Axle Back/ Verify with VIN)    | 1           |
| 24685117    | Harness (2014-2017 Axle Back/ Verify with VIN)    | 1           |
| 24685322    | Install Kit                                       | 1           |
| 24721397    | Winterfront, W/O Snowplow                         | If equipped |
| 24721398    | Winterfront, W/ Snowplow                          | If equipped |
| 24721399    | Winterfront, Extreme Cold                         | If equipped |

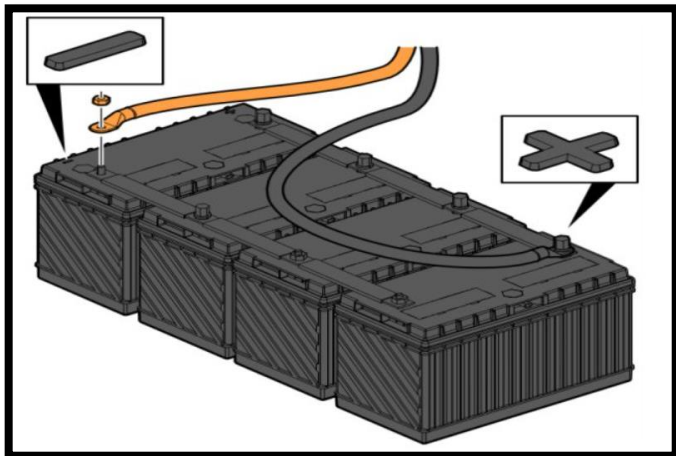
### Repair Instructions

#### For 2018+ (2018-2022) Vehicles

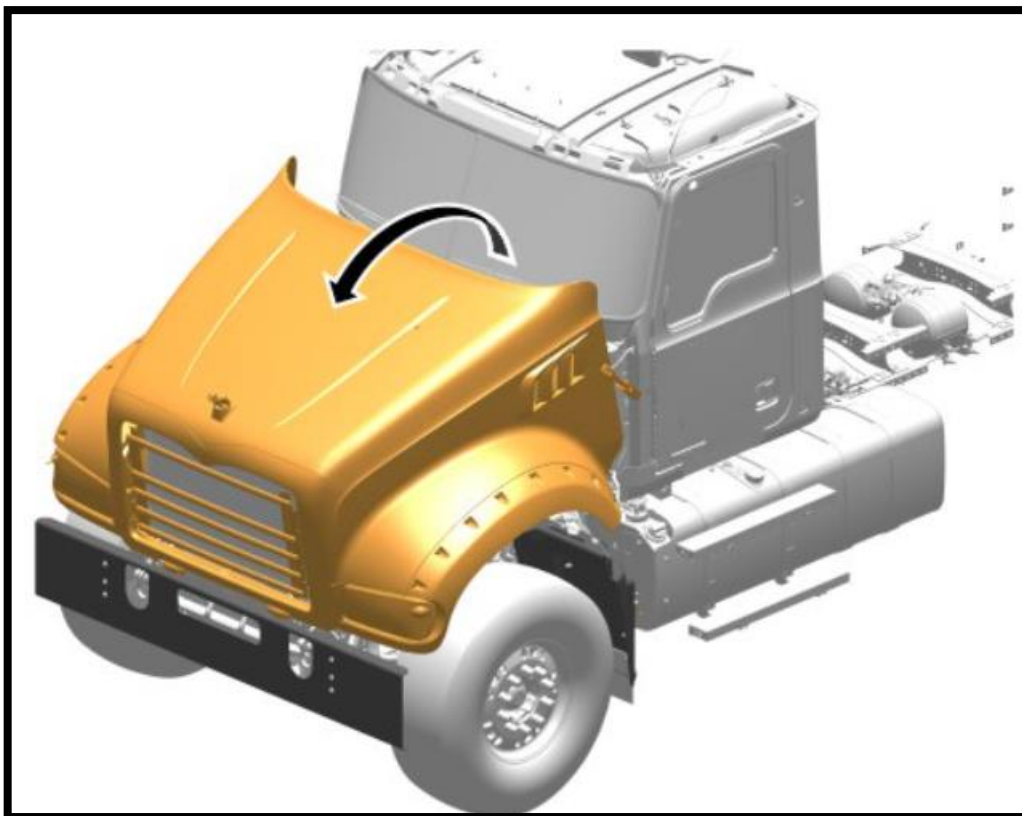
1. Park the vehicle on level surface.
2. Apply the parking brake.
3. Place the gear level in neutral.
4. Install the wheel chocks.



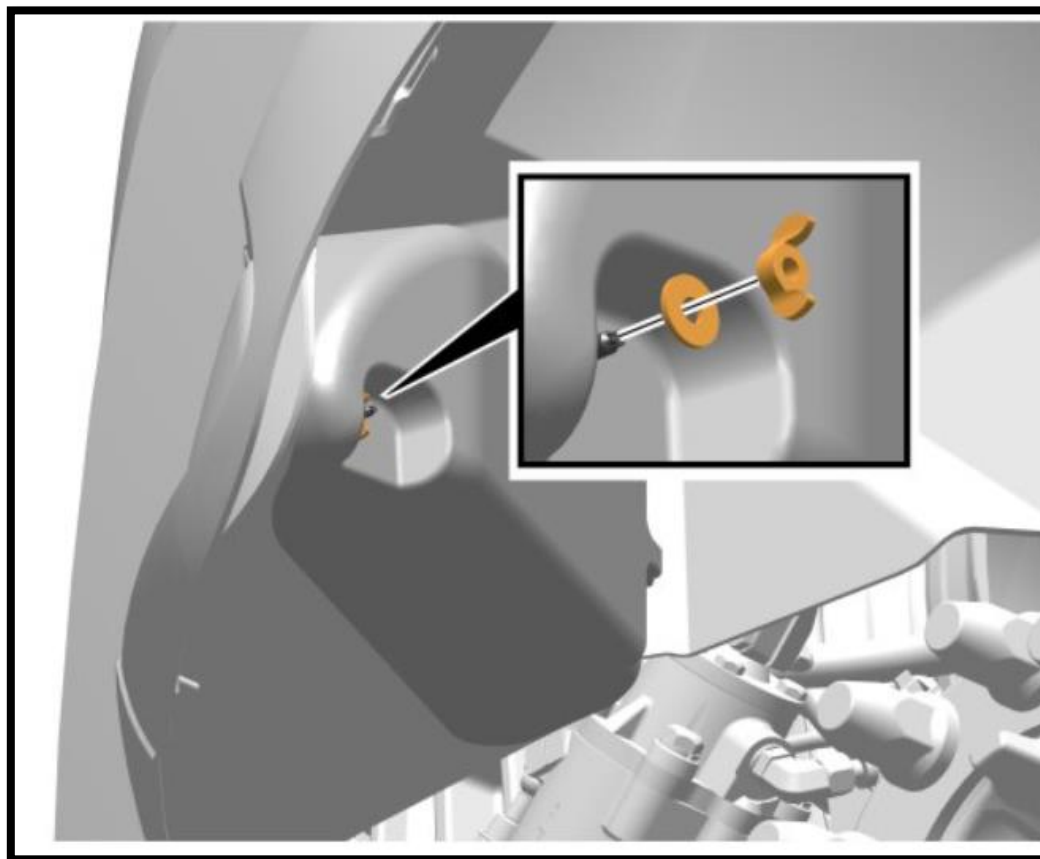
5. Disconnect the cable from the negative terminal.



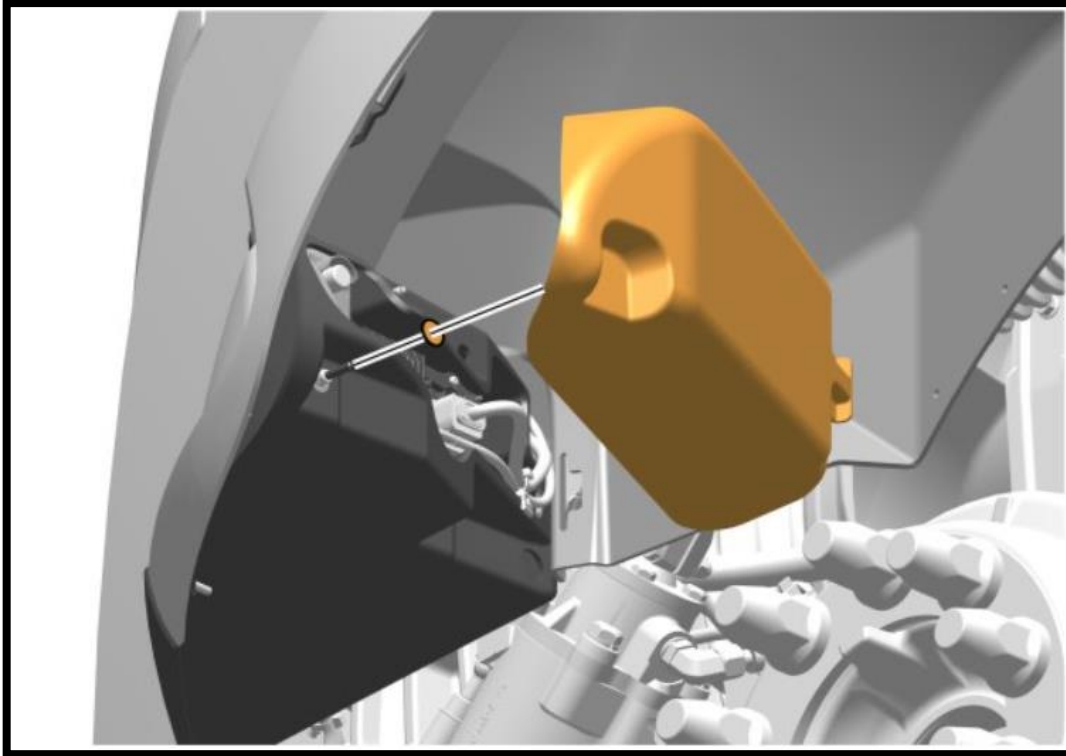
6. Unlatch and raise the hood.



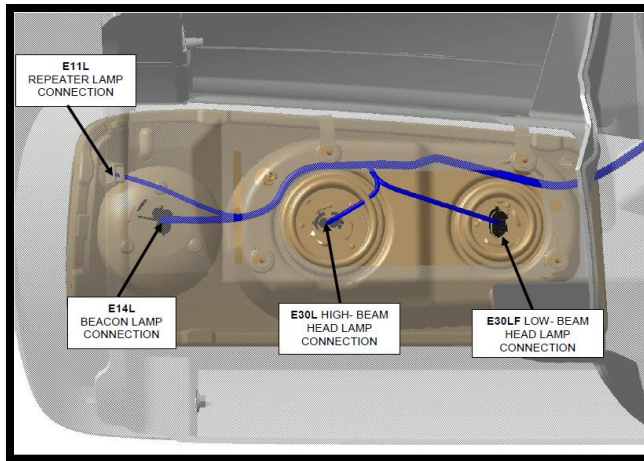
7. Remove the washer.



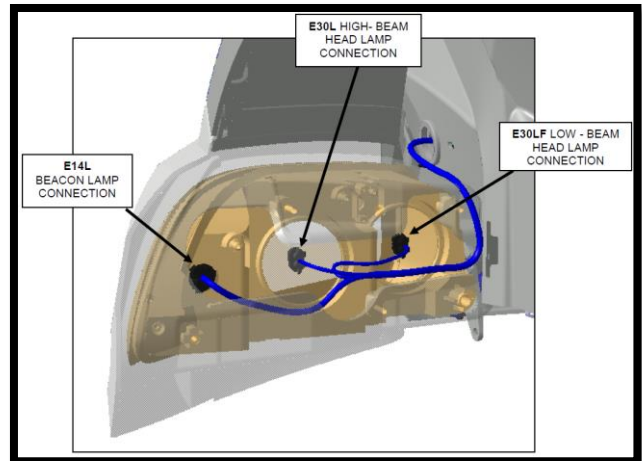
8. Remove the headlamp cover.



9. Disconnect all connectors to bulbs. Axle Forward trucks will have 4 connections and Axle Back trucks will have 3 connections.

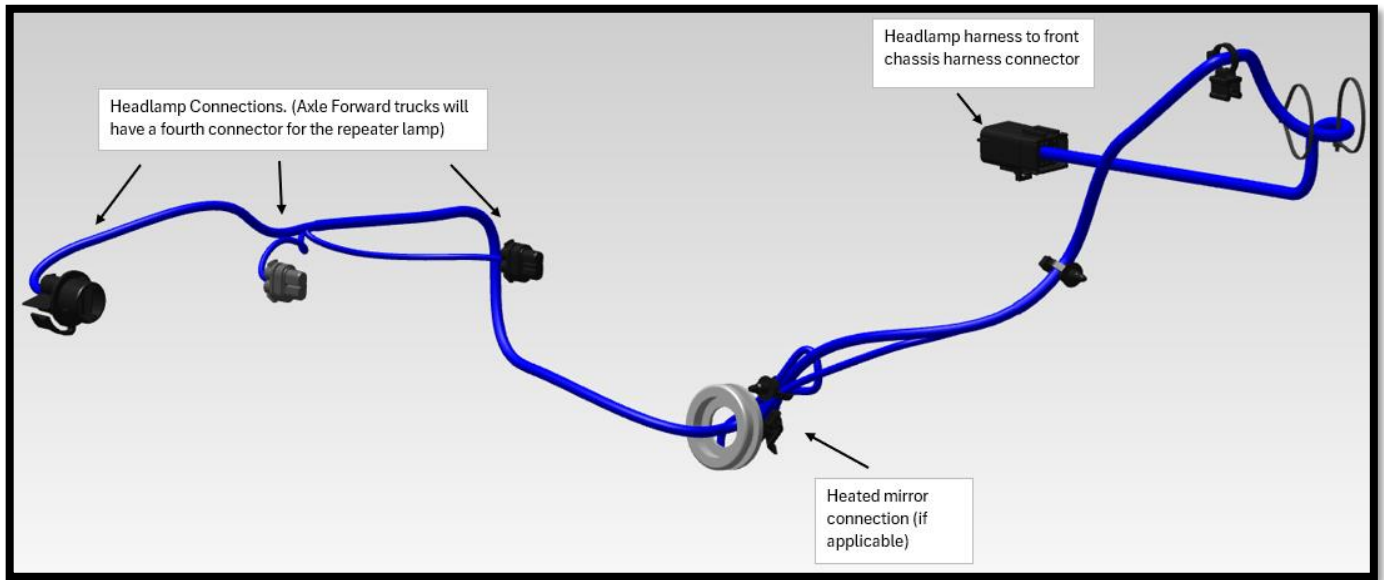


-Axle Forward 4 connections

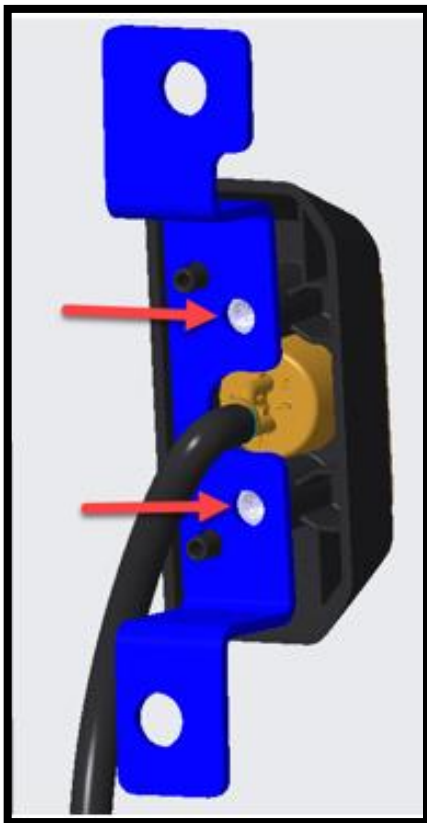


-Axle Back 3 connections

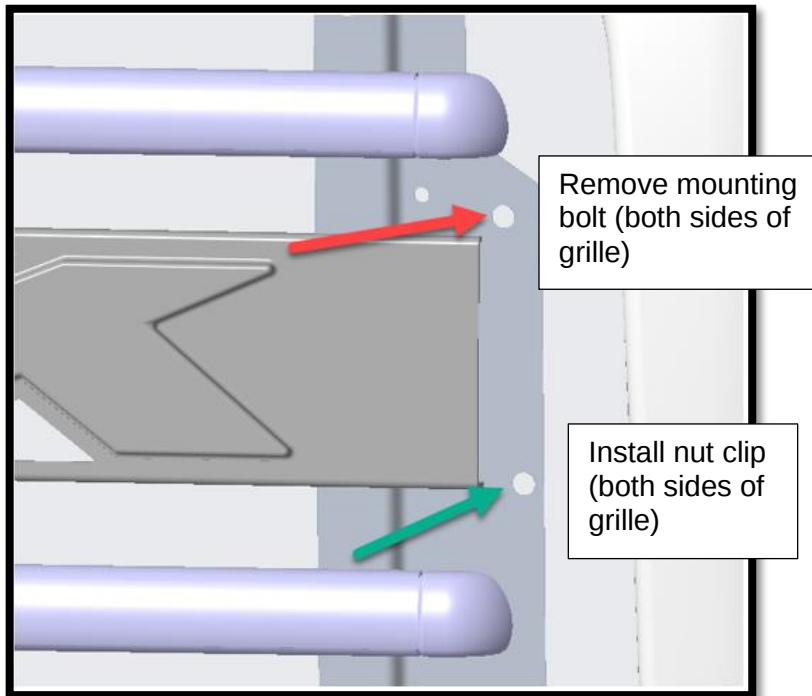
10. Disconnect connections between the front harness and the headlamp harness on both sides including the heated mirror connection.



11. Remove both headlamp harnesses by removing the grommets and feeding the connections through the open hole. You will have to snip all zip ties holding the harnesses in place.
12. Once the harness is removed, install the new supplied harness and grommet. The new harness will connect and route in the exact locations as the original harness but will have an extra connection for the new turn signal indicator.
13. Pre-assemble the two supplemental turn signal indicators with their brackets.



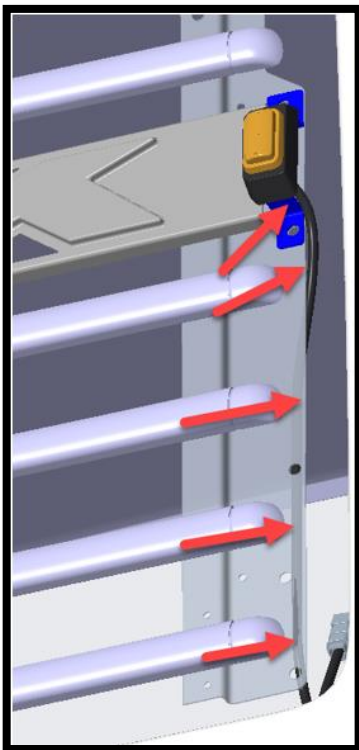
14. Remove the top mounting bolt in the grille on both the left- and right-hand side. Add a nut clip on the hole below on both left- and right-hand side.



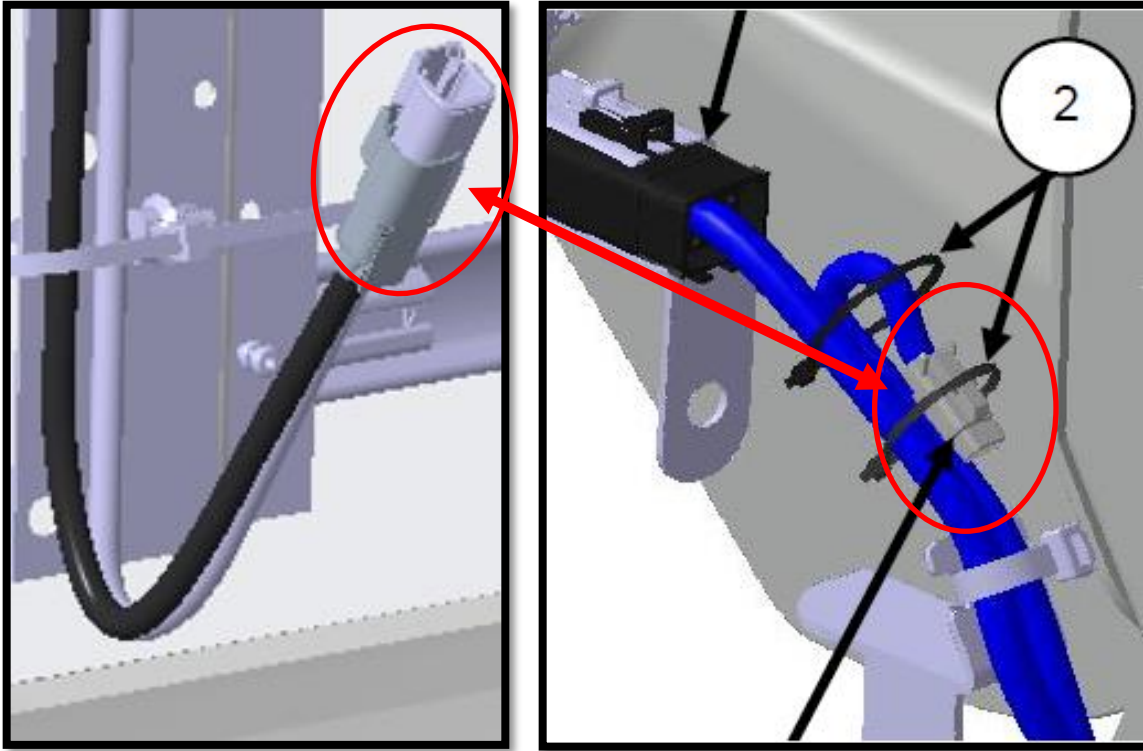
15. Mount supplemental turn signal indicator using supplied bolts. Torque to  $3.5 \pm 0.5$  Nm.

| Tightening Torque |  |
|-------------------|--|
| $3.5 \pm 0.5$ Nm  |  |

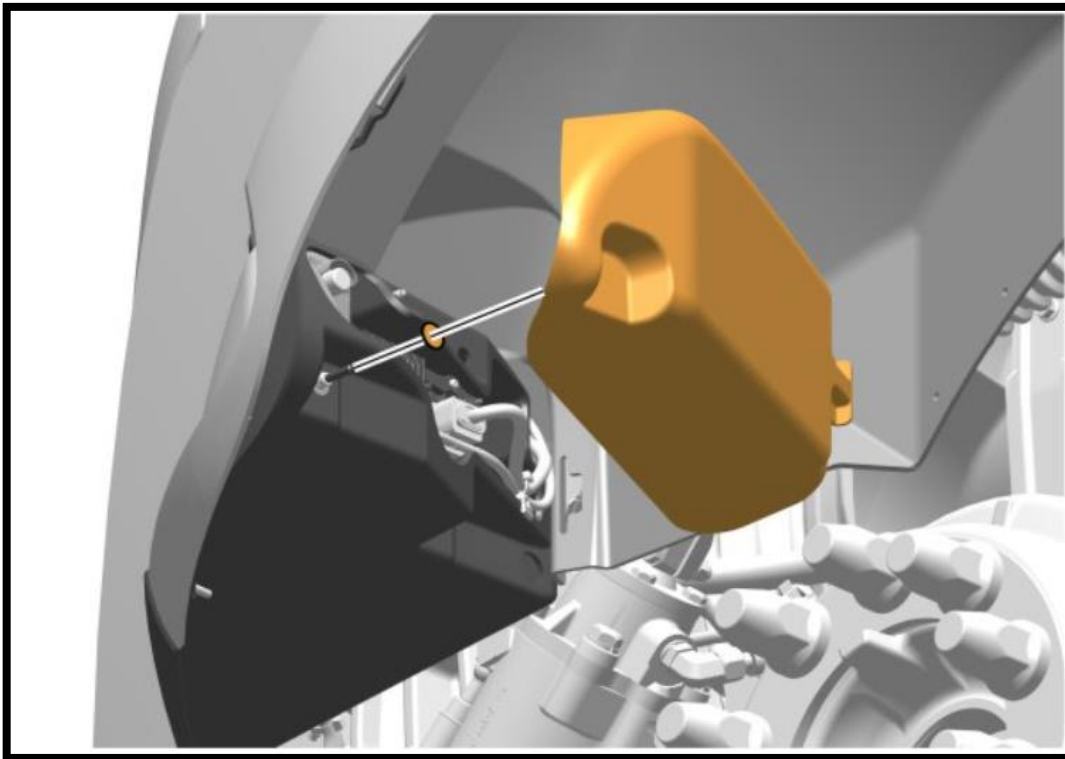
16. Add 5 edge clipping ties included with the install kit on both sides of the grille to route the harness of the turn signal.



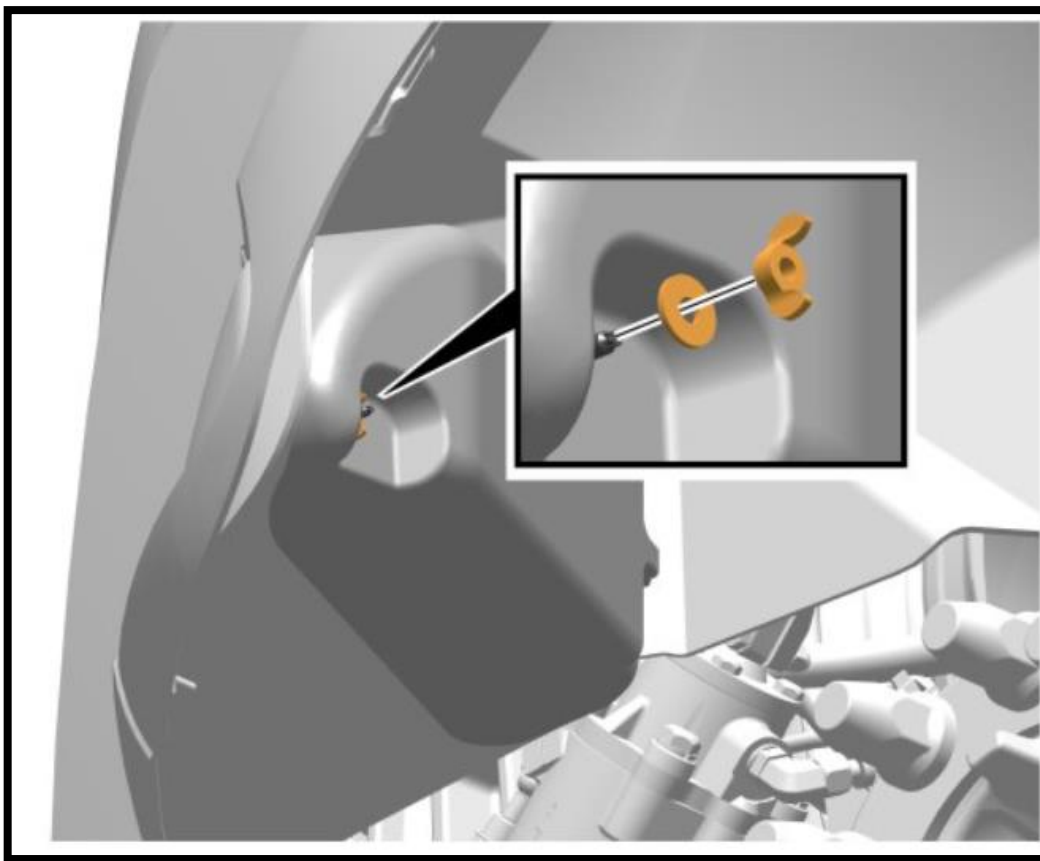
17. Connect turn signal indicator harness to the new connector on the headlamp harness on both the left-hand and right-hand side.



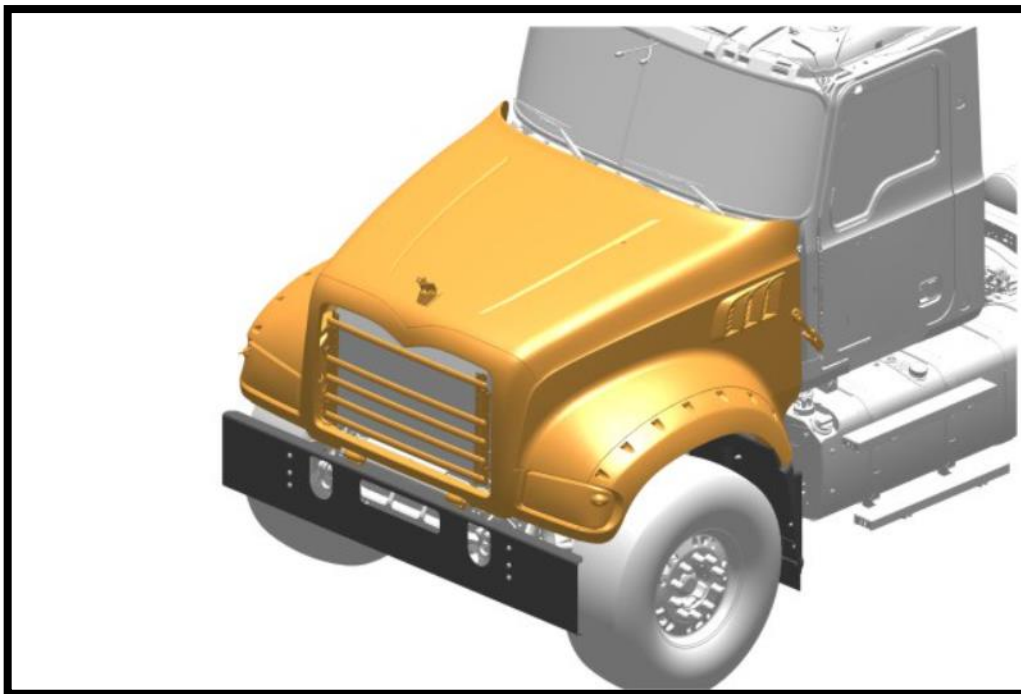
18. Reinstall headlamp cover.



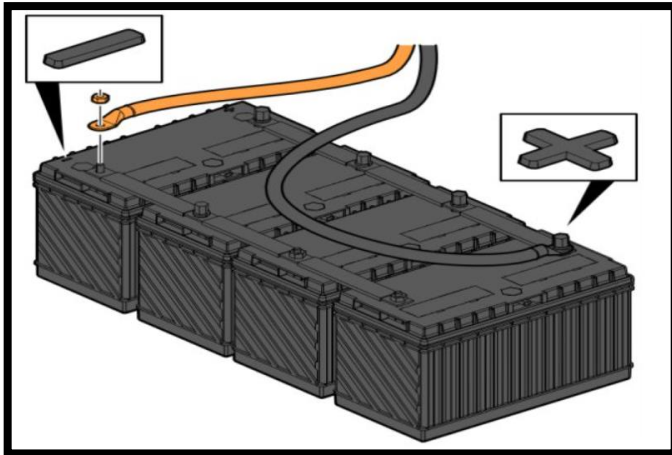
19. Reinstall the washer.



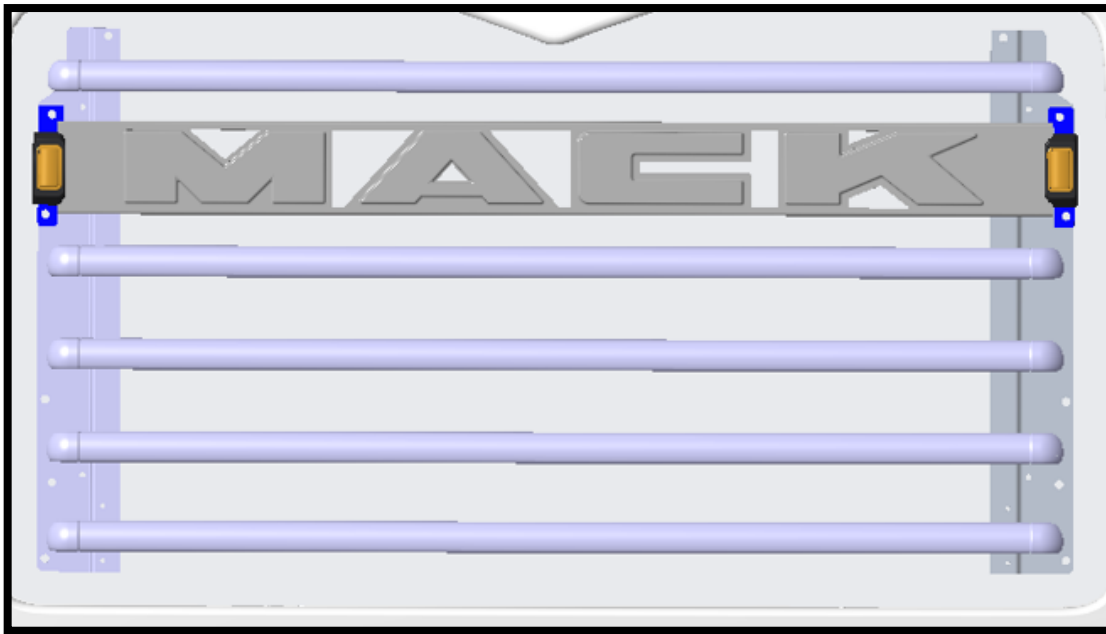
20. Lower and latch the hood.



21. Reconnect the cable to the negative terminal



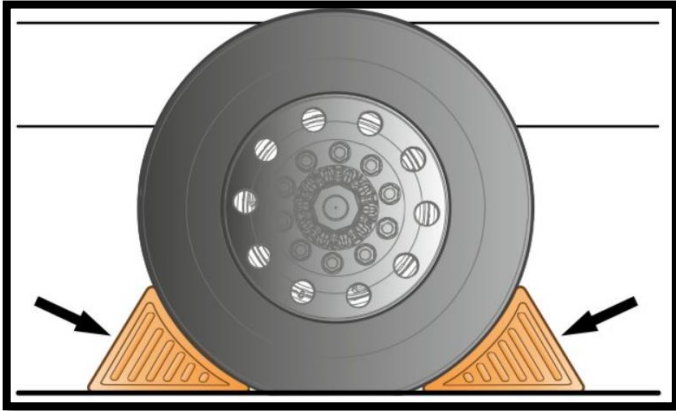
22. Check for proper function of all lights and turn signals. New indicators should operate in sync with headlamp turn signals. Install is complete.



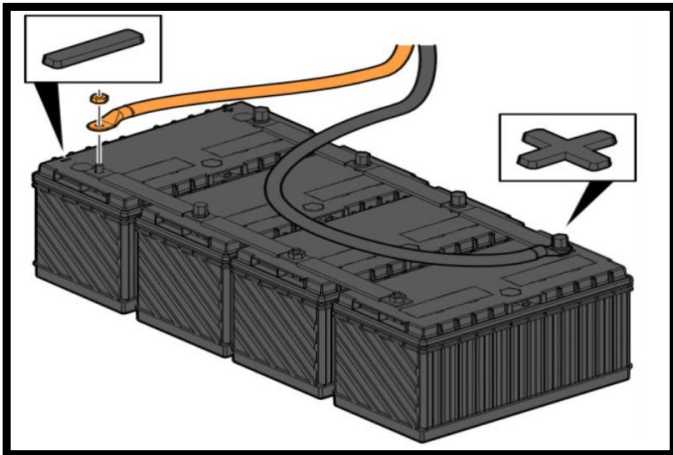
23. Return truck to service.

**Repair Instructions****For 2014-2017 Vehicles**

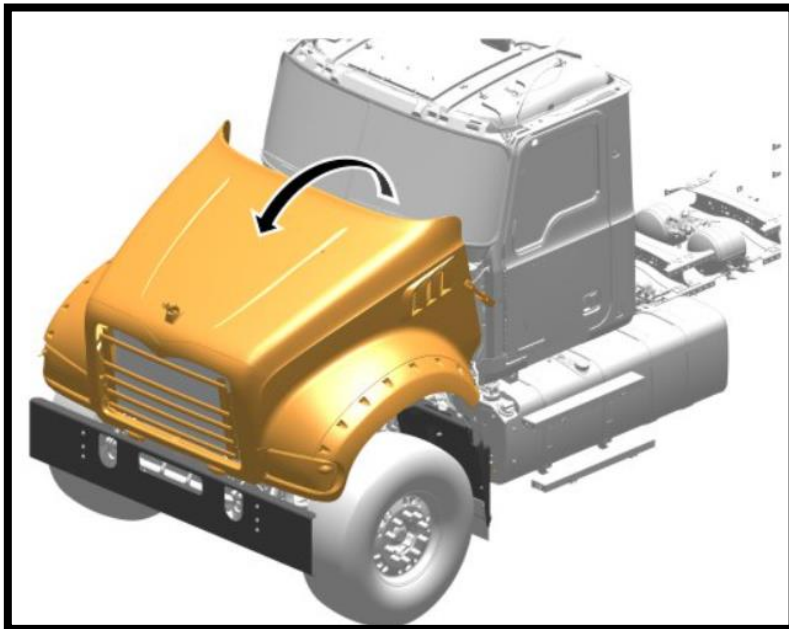
1. Park the vehicle on level surface.
2. Apply the parking brake.
3. Place the gear level in neutral.
4. Install the wheel chocks.



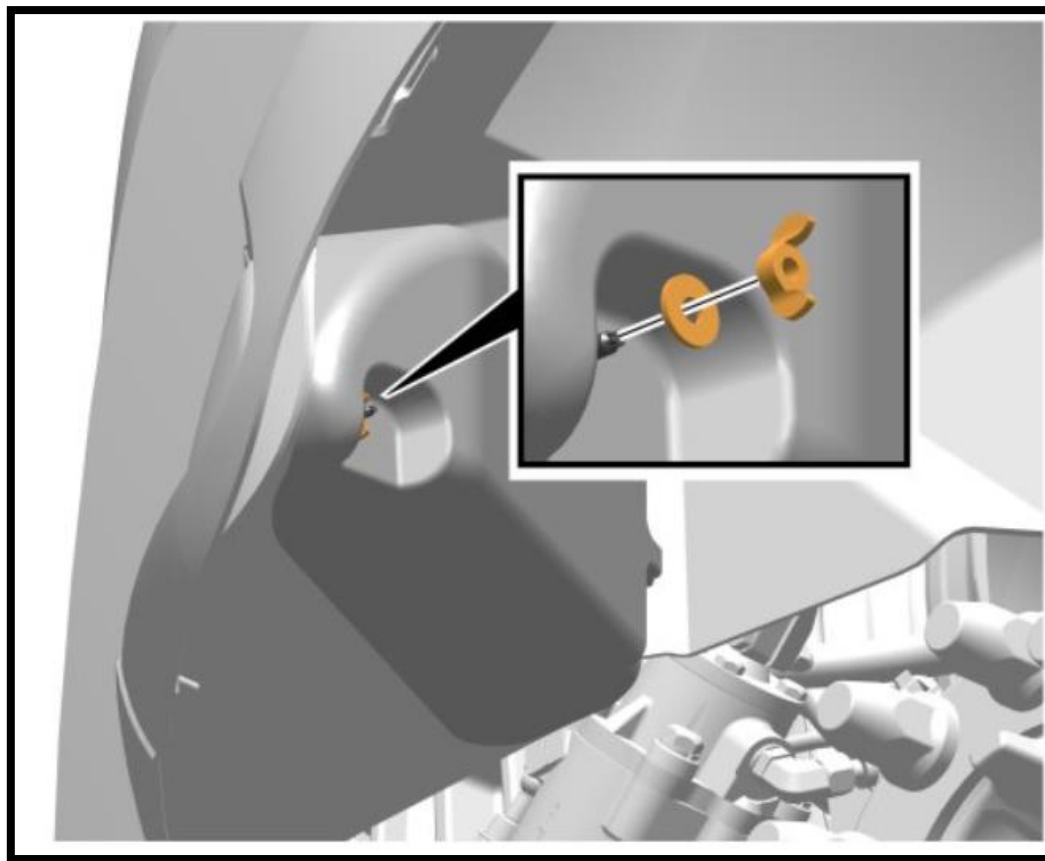
5. Disconnect the cable from the negative terminal.



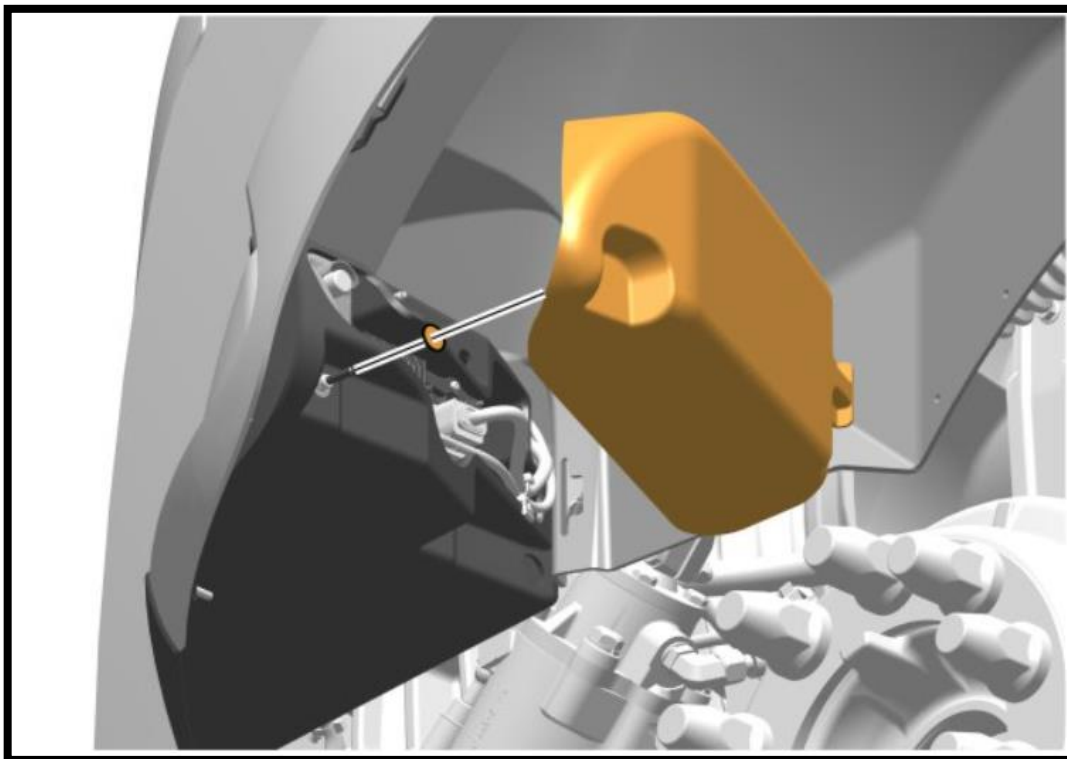
6. Unlatch and raise the hood.



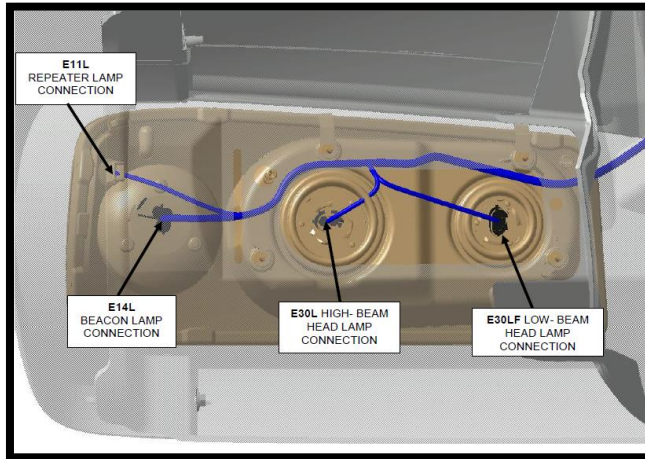
7. Remove the washer.



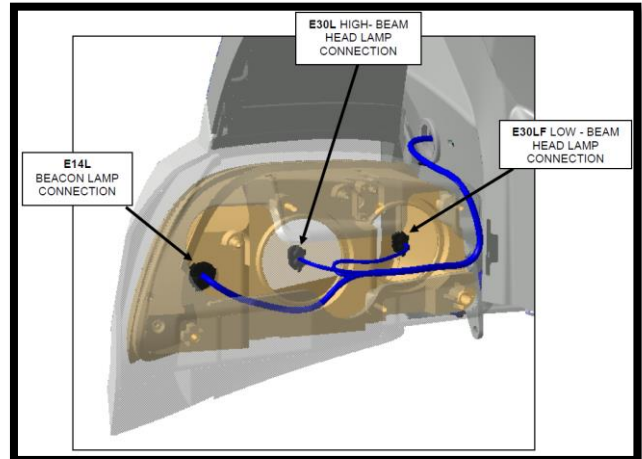
8. Remove the headlamp covers on both sides.



9. Disconnect all connectors to bulbs. Axle Forward trucks will have 4 connections and Axle Back trucks will have 3 connections.

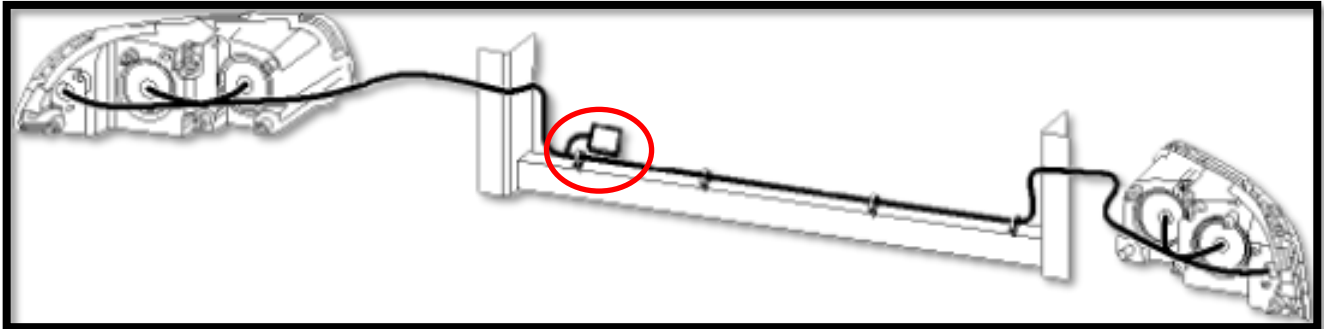


-Axle Forward 4 connections

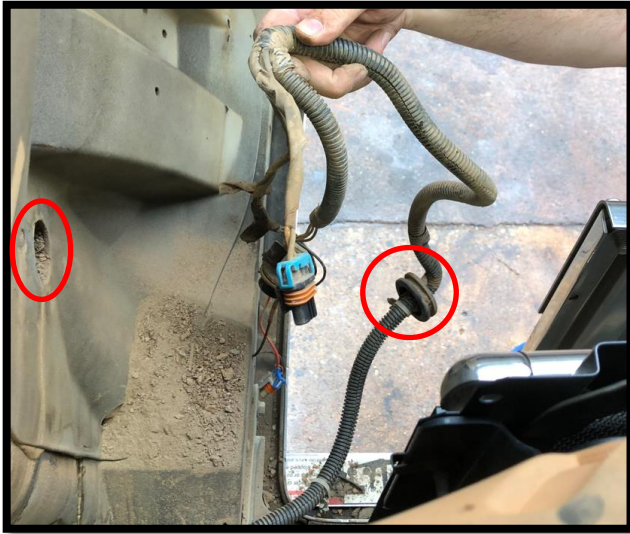


-Axle Back 3 connections

10. Disconnect connection between the front harness and the headlamp harness located along the bottom of the grille on the driver side.



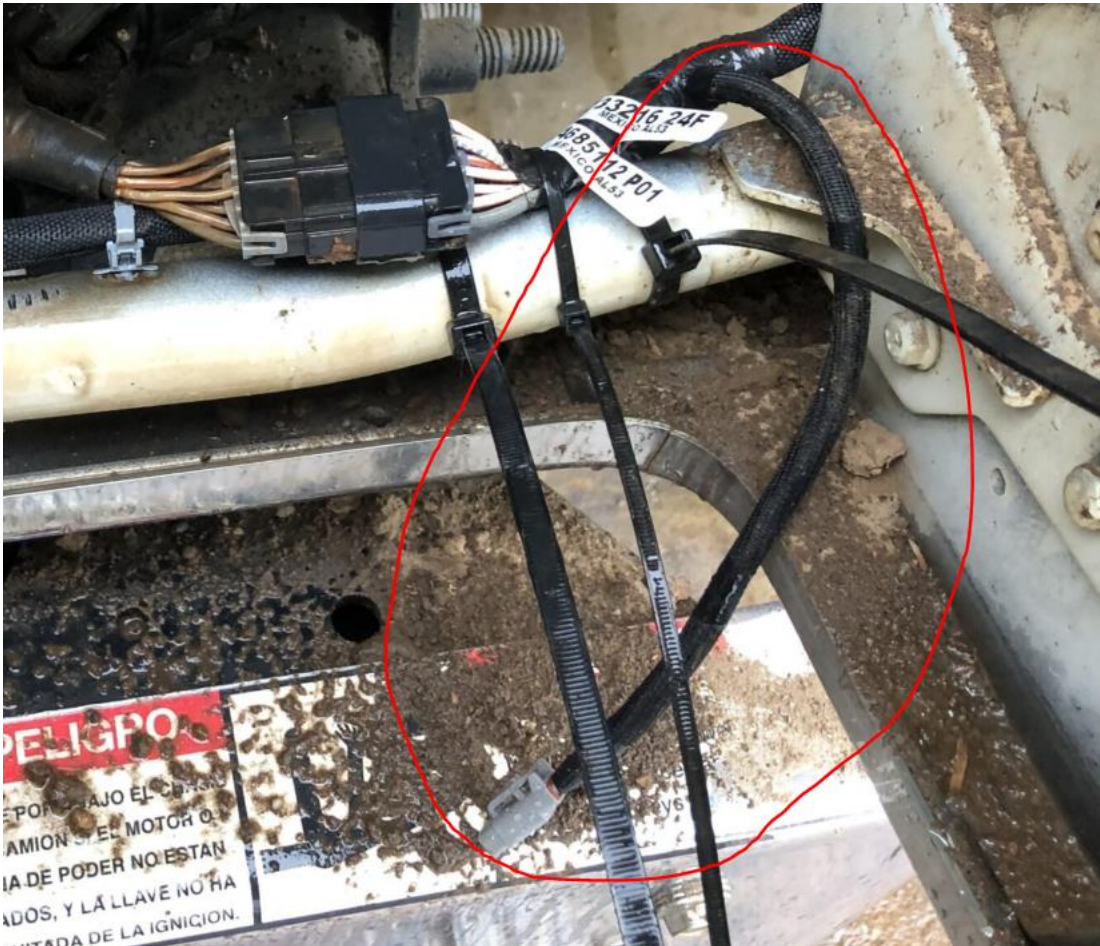
11. Remove both driver side and passenger side sections of the headlamp harness by removing the grommet and feeding the connections through the open hole.



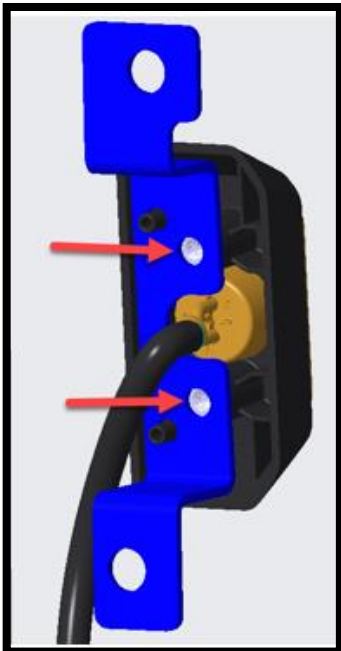
12. Pull all plastic tabs out holding the harness in place along the bottom of the grille and remove the harness.



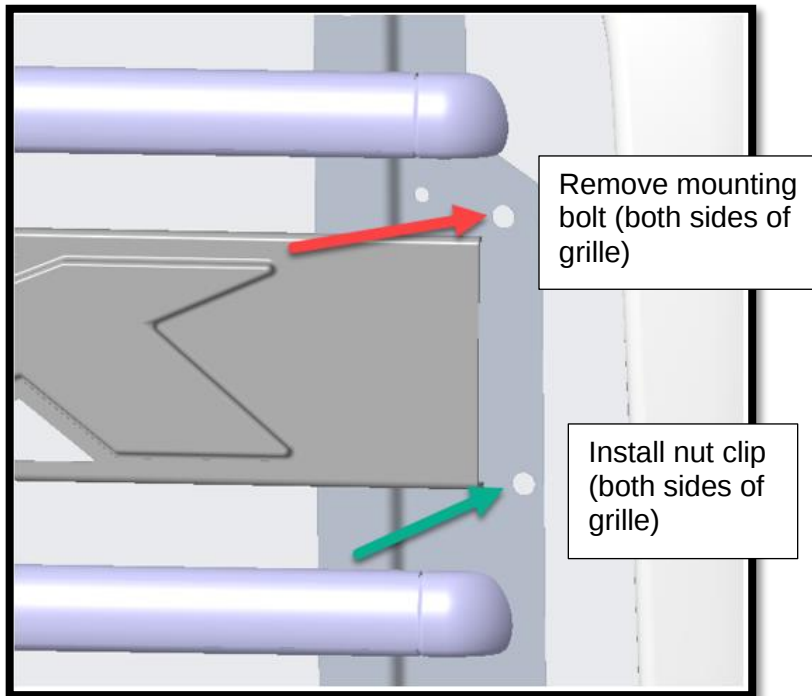
13. Once the harness is removed, install the new supplied harness and grommets. The new harness will connect and route in the exact locations as the original harness but will have an extra connection (see image) on either side for the new turn signal indicator.



14. Pre-assemble the two supplemental turn signal indicators with their brackets.



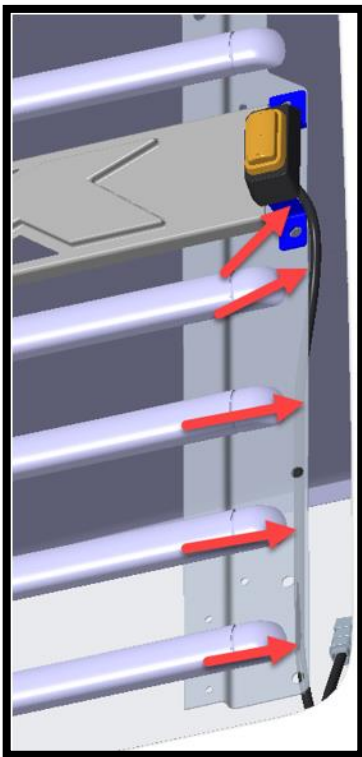
15. Remove the top mounting bolt in the grille on both the left- and right-hand side. Add a nut clip on the hole below on both left- and right-hand side.



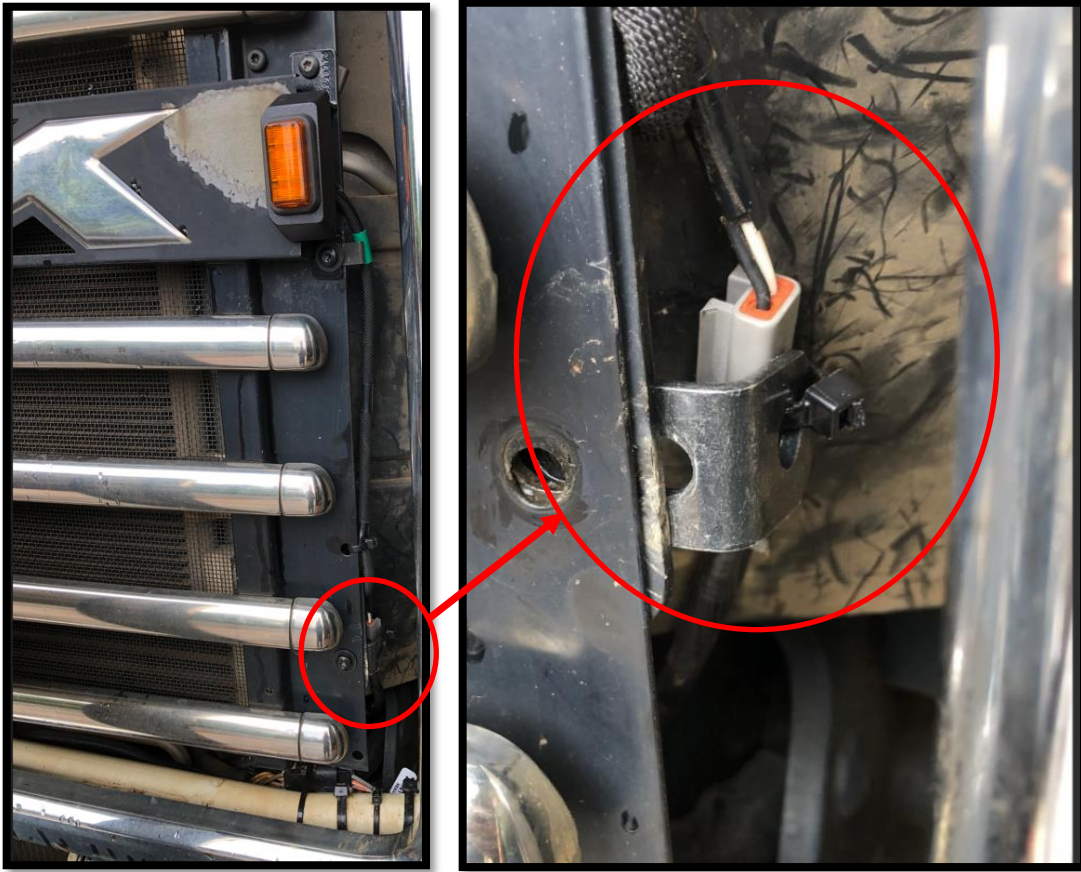
16. Mount turn signal indicator using supplied bolts. Torque to  $3.5 \pm 0.5$  Nm.

| Tightening Torque |  |
|-------------------|--|
| $3.5 \pm 0.5$ Nm  |  |

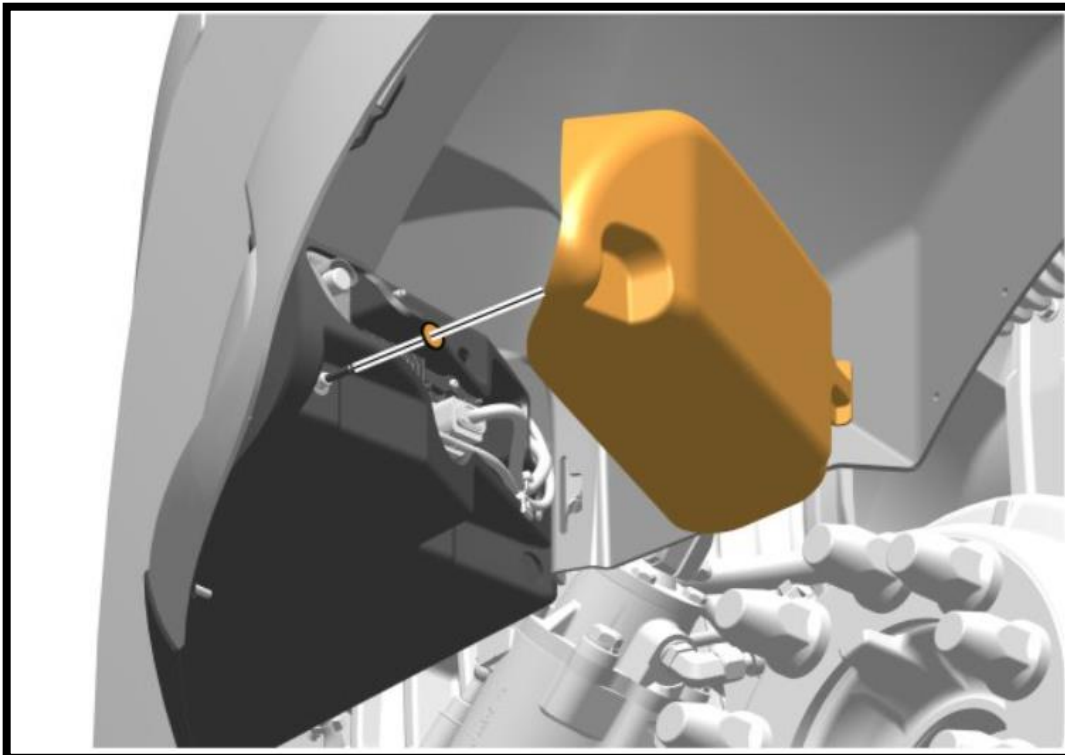
17. Add 5 edge clipping ties included with the install kit on both sides of the grille to route the harness of the turn signal.



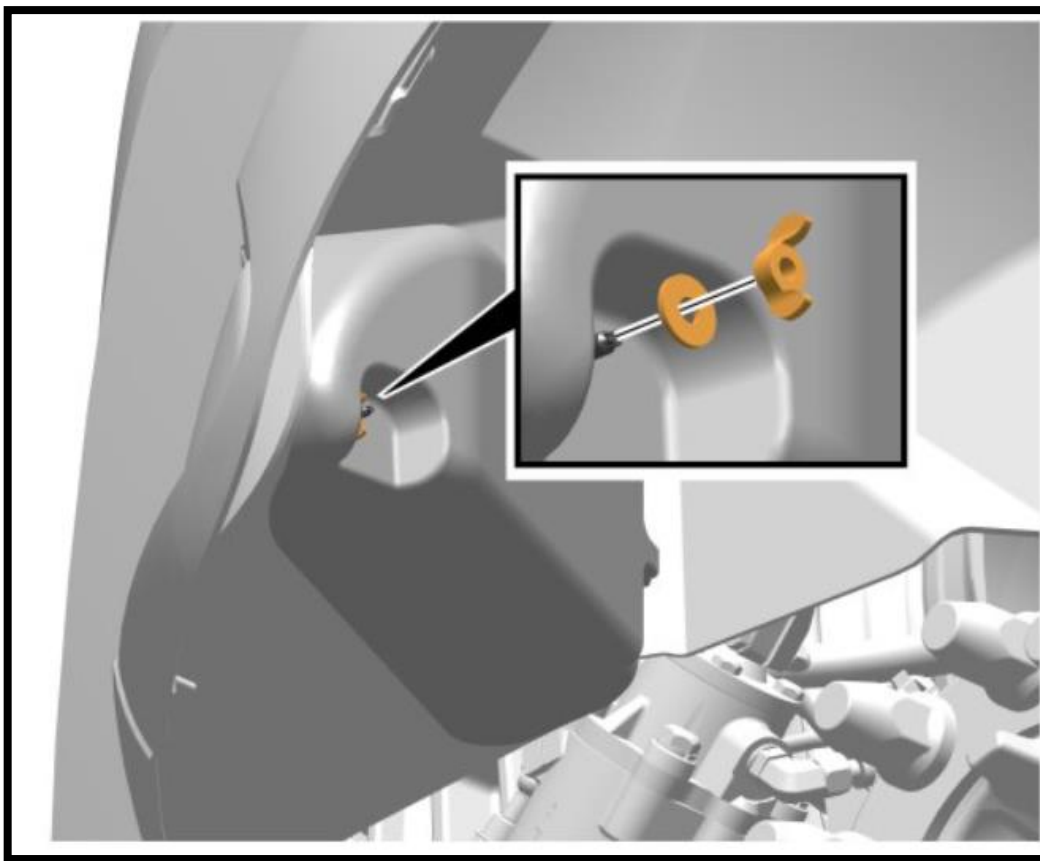
18. Connect turn signal indicator harness to the new connector on the headlamp harness on both the left-hand and right-hand side and zip tie out of the way using supplied bracket.



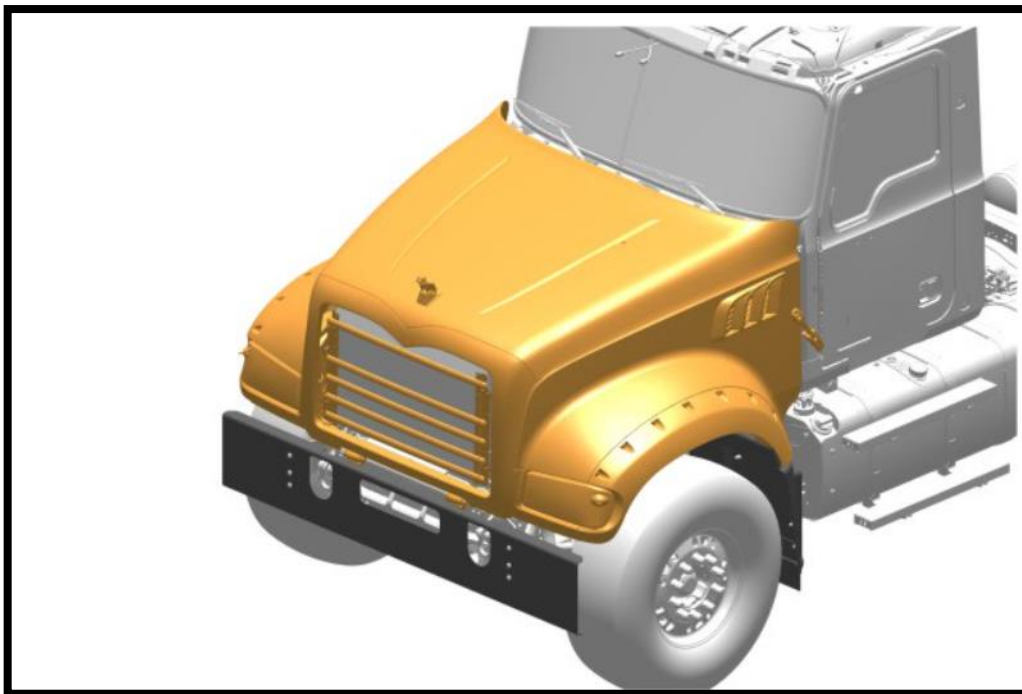
19. Reinstall headlamp covers on both sides.



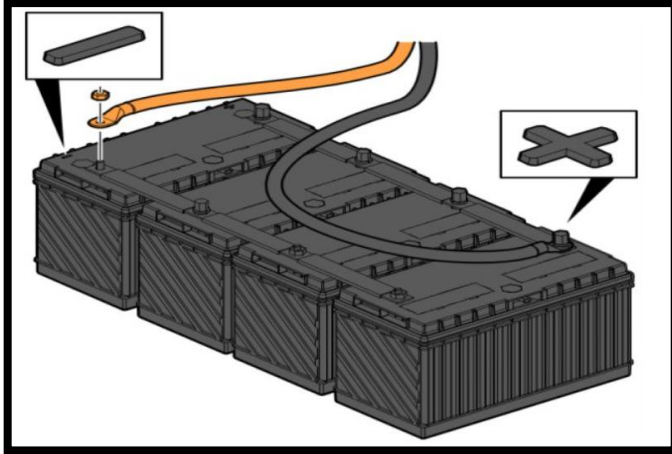
20. Reinstall the washer.



21. Lower and latch the hood.



22. Reconnect the cable to the negative terminal



23. Check for proper function of all lights and turn signals. New indicators should operate in sync with headlamp turn signals. Install is complete.



24. Return truck to service.

**REIMBURSEMENT**

|                                                                                                                             |                             |
|-----------------------------------------------------------------------------------------------------------------------------|-----------------------------|
| This repair is covered by an authorized Safety Recall. Reimbursement is obtained through the normal claim handling process. |                             |
|                                                                                                                             | <b>UCHP Reimbursement</b>   |
| <b>Claim Type</b> (used only when uploading from the Dealer Business System)                                                | 40                          |
| <b>Recall Status</b>                                                                                                        |                             |
| Vehicle repaired per instructions                                                                                           | 1-Modified per instructions |
| <b>Labor Codes</b>                                                                                                          |                             |
| 3730-03-02-01 Cable Harness, Headlamp, Replacement                                                                          | 0.4 hrs.                    |
| 3526-18-02-04 Supplemental Turn Signal, New Install                                                                         | 0.5 hrs.                    |
| <b>Causal Part</b>                                                                                                          | 24685322                    |
| <b>Authorization Number</b>                                                                                                 | C0345                       |

**Note:** Dealers or the designated representatives are to perform Safety Recall on all subject vehicles at no charge to the vehicle owner regardless of mileage, age of vehicle or ownership (original purchaser or subsequent purchasers). Whenever vehicles that are subject to a Safety Recall are brought to your dealership for service, it is strongly recommended that every effort be made to perform the recall correction before the vehicle is released to the owner.