

WINNEBAGO		Noncompliance Turn Lights			
Classification		Parts Kit Required			
Recall 189 – Remedy B		Part #	RC796526789	Description	Non-Compliant Lights, Remedy B
Condition					
Some Winnebago vehicles have front turn signal lamps that do not meet the luminous lens area requirements, resulting in non-compliance with Federal Motor Vehicle Safety Standard FMVSS No. 108, regarding lamps and reflective devices. The smaller lens may hinder visibility for other drivers, thereby increasing the risk of a collision.					
Correction					
Forza Models: Install oval turn signals in the bottom corners of the Forza front panel. Horizon Models: Remove the existing fog lights and install the oval turn signals in their place.					
WGO Model Year	Revision	Make	Model	Model Code(s) (Floorplan)	WGO Built/Manufacturing Dates
2018	2	Winnebago	Forza	WKL34T, WKL36G, WKL38F, WKL38W, WKL38D, WKL36H	9/13/2017 - 7/14/2022
2019	1, 2				
2020	1, 2				
2021	1				
2022	1, 2				
2018	2	Winnebago	Horizon	WKP40A, WKP40J, WKP42Q	8/18/2017 – 7/24/2019
2019	1, 2				
2020	1				
Disclaimer: Read the entire instructions carefully before starting the procedure. If you have any questions, please contact the Winnebago Industries Technical Service Department by calling 1-866-653-4329 or by email: techservice@wgo.net . This document is confidential and is intended for dealer use only.					

Parts/Kit Image Reference

Part/s Required – RC796526789 Non-Compliant Lights, Remedy B

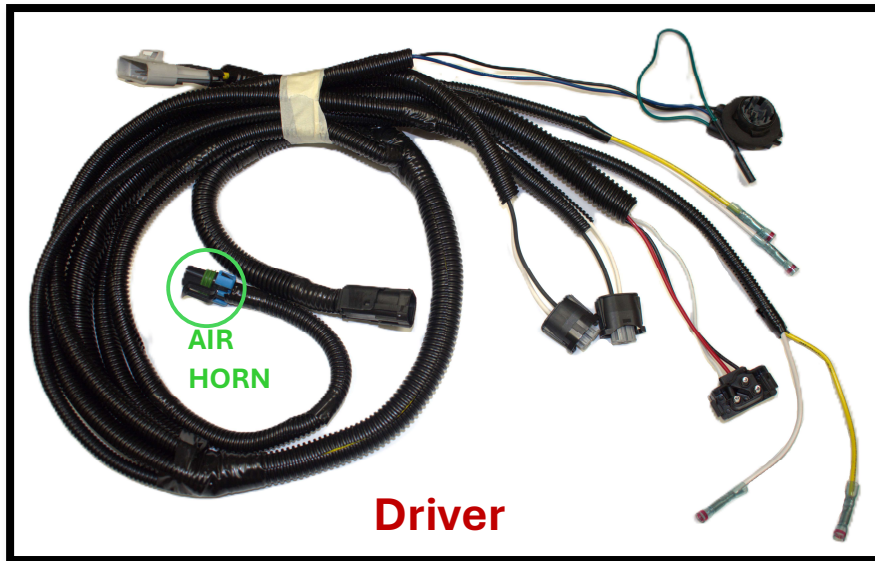
Kit Contains:

1. Wire Harness LH (Driver) (354552-01-000) (1)
2. Wire Harness RH (Passenger)(354551-01-000) (1)
3. Drill Guide Left (Driver) (361594-01-01B) (1)
4. Drill Guide Right (Passenger) (361595-01-01B) (1)
5. Mounting Bracket LH (Driver)(354591-01-02B) (1)
6. Mounting Bracket RH (354589-01-02B) (1)
7. Turn Signal Lamps (335785-01-000) (2)
8. Close Cell Foam (154585-02-01A) (12 Inches)
9. 14" Zip Ties (008343-02-000) (12)
10. Bracket Mounting Screws – G11-10-10B (8)

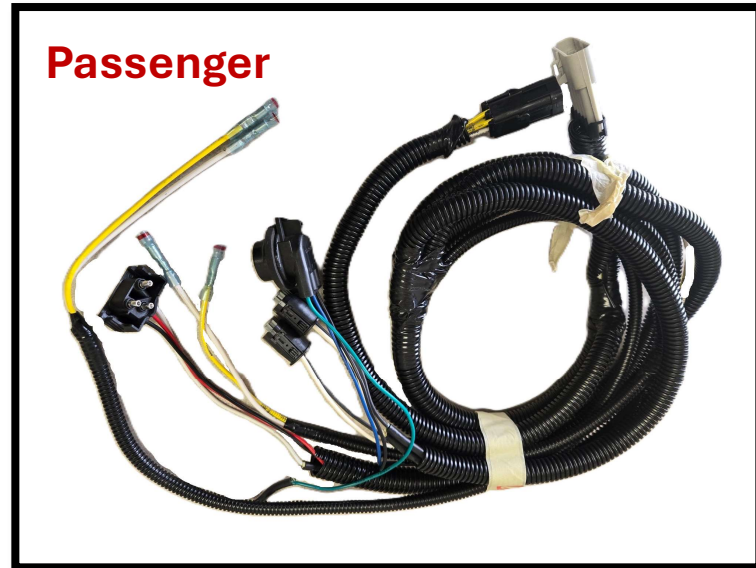
Shop Supplies

1. Flashlight
2. Flathead Screwdriver
3. 7/16" Wrench
4. Hand Chisel
5. 9 mm Socket
6. Socket Wrench
7. Masking Tape
8. Wire Stripper/Cutter
9. Wire Crimper
10. Shop Scissors
11. #2 Philips Bit
12. Impact Driver
13. Drill for 35 mm Hole Saw Bit
14. 35 mm Hole Saw Bit
15. ½" Drill Bit
16. Pen/Marker or Marking Tool

Part/s Required



1.



2.

3.



4.



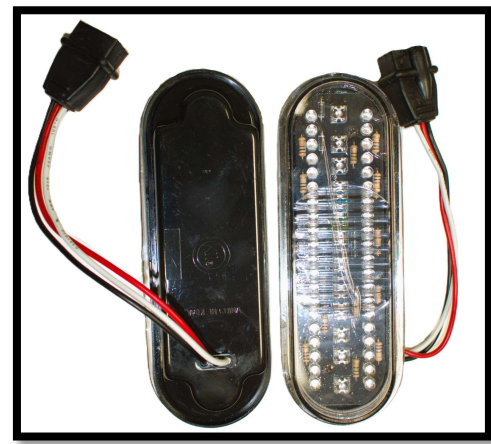
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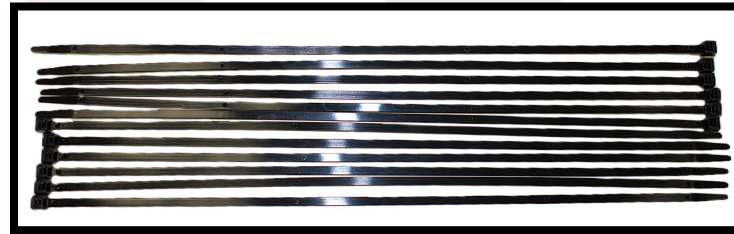
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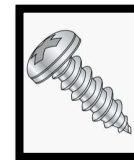
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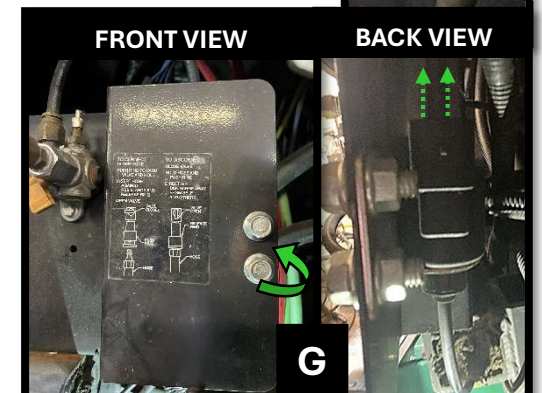
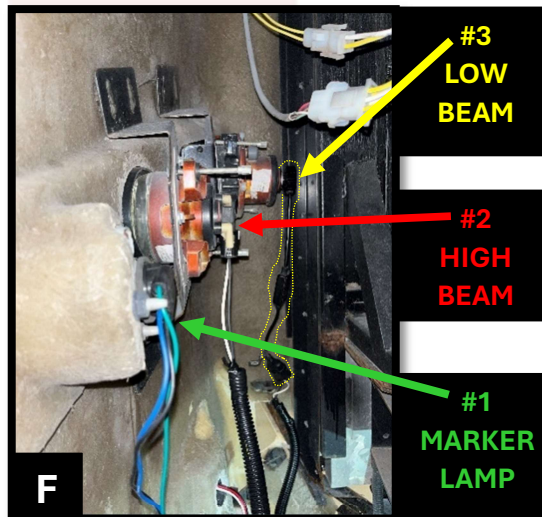
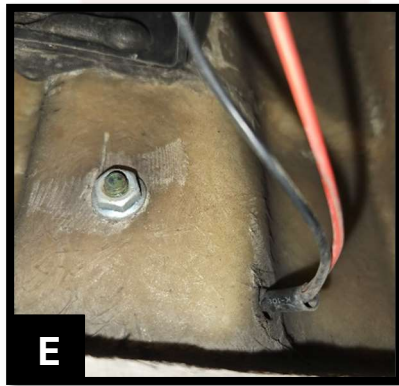
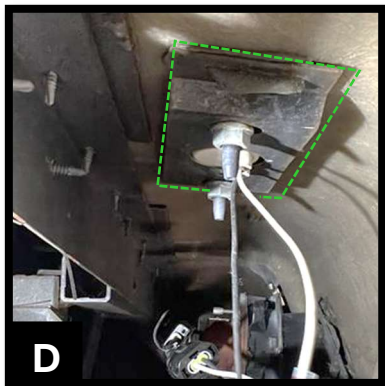
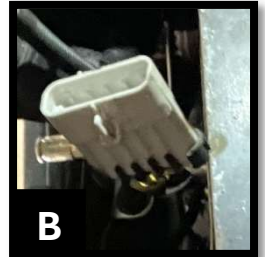
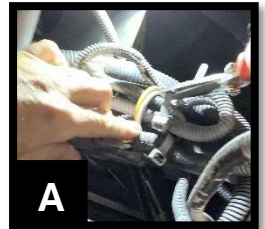


Steps & Procedures

CRITICAL: Ensure the vehicle is off and all chassis power is off before beginning to repair the vehicle. This repair requires undercarriage access to the front end of the vehicle.

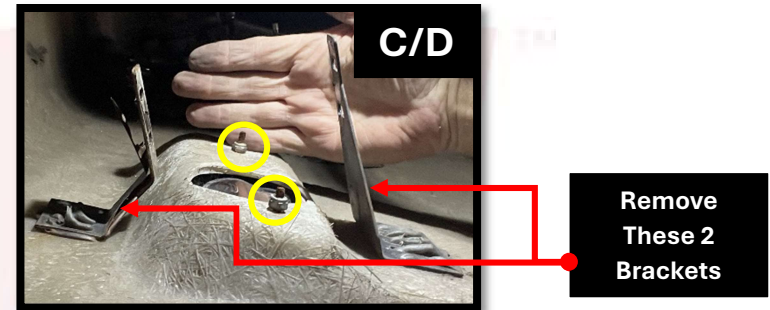
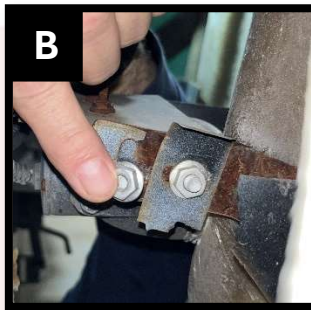
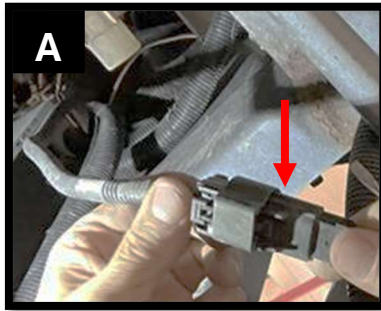
Step 1 – Remove the Old Wire-Headlamp Assembly for the Passenger Side of the Vehicle

- A. Use a pair of shop scissors to cut off wire ties that secure the Main front end light harness.
- B. Find and disconnect the existing Wire-Headlamp Assembly Harness' (354551-01-000) main connector from the chassis connector.
- C. Find and disconnect the 4-Pin IP Main connector that stems from the Main Wire-Headlamp Assembly Harness.
- D. Cut the wire connections of the side marker lamp but ensure to leave at least 6 – 7 inches of wires from the actual side marker lens for reconnection later in the process.
- E. Cut the wire connections of the LED Light Strip but ensure to leave at least 6 – 7 inches of wires (Black and Red Wires) from the LED Light Strip for reconnection later in the process.
- F. Carefully unplug the 3 pigtails from within the 3 lenses found in the bezel (#1, #2 and #3). Ensure to keep the pigtail of the Low Beam as it will be installed later in the process. (remove the bulbs from the pig tails and place them in a safe surface for reinstalment later in the process)
- G. (Driver's Side Harness Only) Unplug the air horn connector by pulling the connector up from the Electronic Valve connection point found in the front hood compartment.



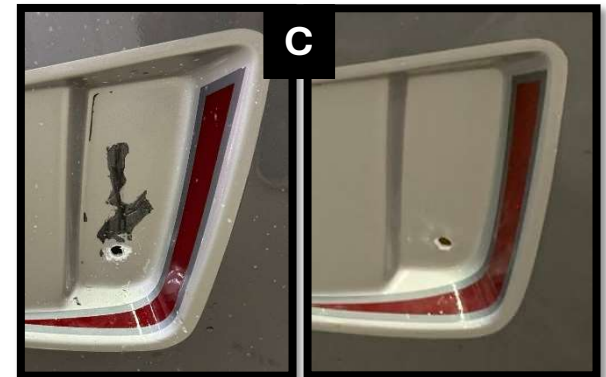
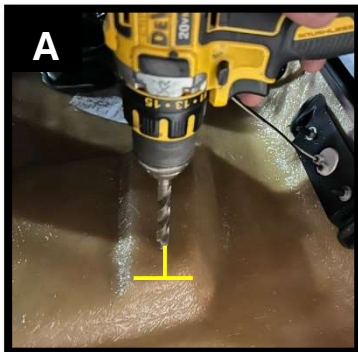
Step 2A - (Horizon Only) Remove the Fog Light Assembly on the Passenger Side of the Vehicle

- A. Find and disconnect the Fog-light Connector from the main harness.
- B. Use a 7/16" Wrench to remove the 4 nuts on the 4 bolts from the bracket that secures the fog light to remove the Fog light.
- C. There will be 2 side arm brackets that helped secure the fog light assembly. These 2 brackets are adhered to the fiberglass. Carefully use a hand chisel or flat head screwdriver to pry them off without damaging the integrity of the fiberglass.
- D. Once the entire fog light assembly is removed, use a 9 mm Socket and Wrench to remove the 2 nuts that secure the fog light bezel into the fiberglass.
- E. Properly dispose of the bezel and fog light assembly; these will not be reinstalled.



Step 2B - (Forza Only) Remove the Lower Pocket Graphic Inserts on the Passenger Side of the Vehicle

- A. From within the fiberglass front cap, drill a ½" hole through the fiberglass in the center of the pocket, 1" from the bottom.
- B. From the back side of the cap, insert the flat blade screwdriver through the ½" hole, lightly tap on the screwdriver with the hammer to release the graphic insert.
- C. On the front side of the cap, remove any excess adhesive tape residue from the pocket. The pocket needs to be clean for the drill fixtures to sit flush to the fiberglass.



Step 3 – Mark the New Holes Using the Drill Guide Provided

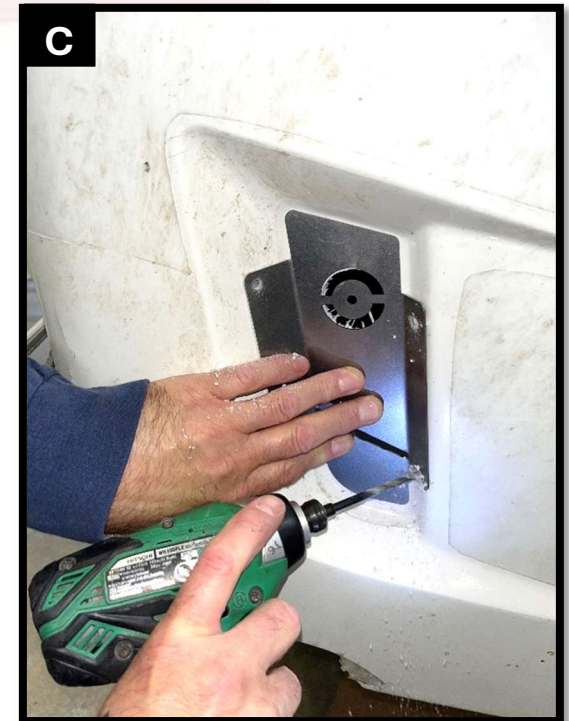
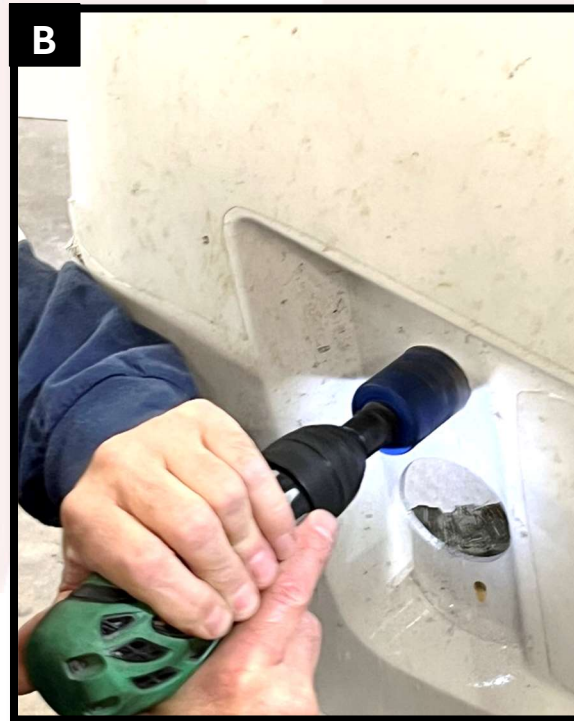
A. Use the Drill Guide Right (Passenger) (361595-01-01B) and a marker to mark the locations of where you will be needing to drill to create the holes for the new lens. (1 Hole saw hole and the 4 screw holes)

- (For Horizon's Only) You could also use the upper preexisting hole from the removed bezel from step 2A as the reference point before drilling out the 4 holes on the guide's flanges.

NOTE: Ensure the 5 marked location points align with the drill guide before drilling.

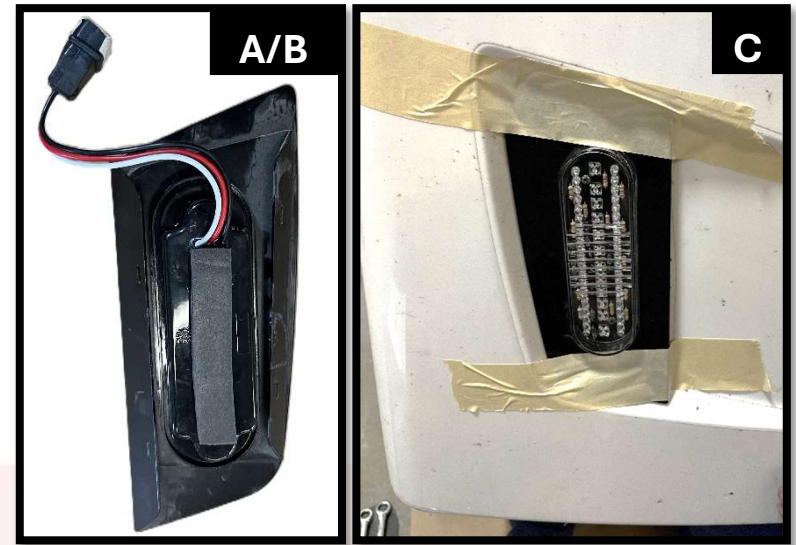
B. Use a 35 mm whole saw bit for the circular cutout, using the center whole of the guide as a reference point of where to drill.

C. Use a 3/16" drill bit for the 4 holes found on the guide's flanges.



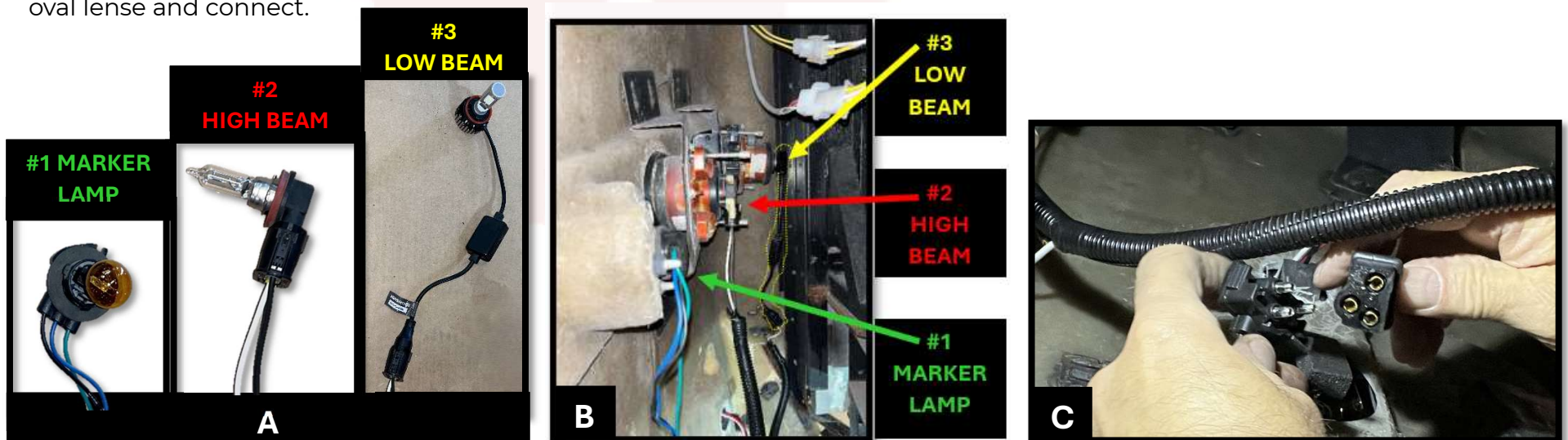
Step 4 – Install the Passenger Side Bracket and Turn Signal Lense

- A. Use 4 inches of the close cell foam from the Kit and Place it behind the turn signal lense provided in the kit. Then install the turn signal lamp inside the bracket.
- B. The 3 -pin wire connector of the lense will go inside the drilled 35 mm hole. Position the Lense assembly into the front cap (Wire Side UP).
- C. Apply pressure to hold the lense assembly into position on the fiberglass cap or use masking tape to secure the lense while you drill in the 4 screws provided in the kit from inside the front cap into the 4 holes you drilled in step 3C.

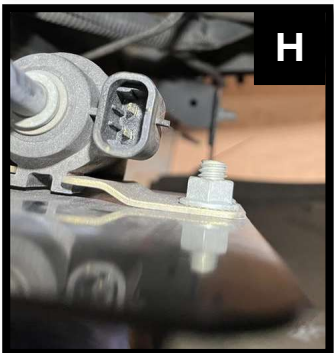
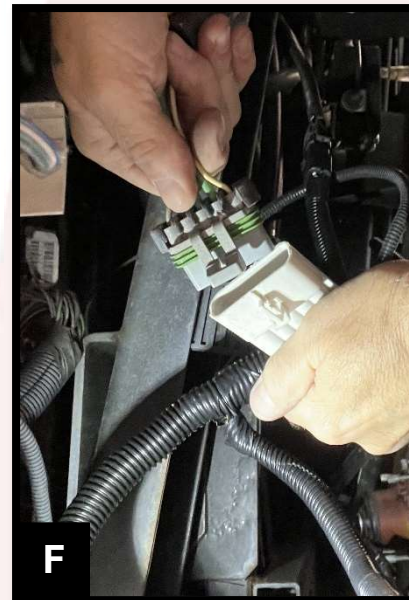
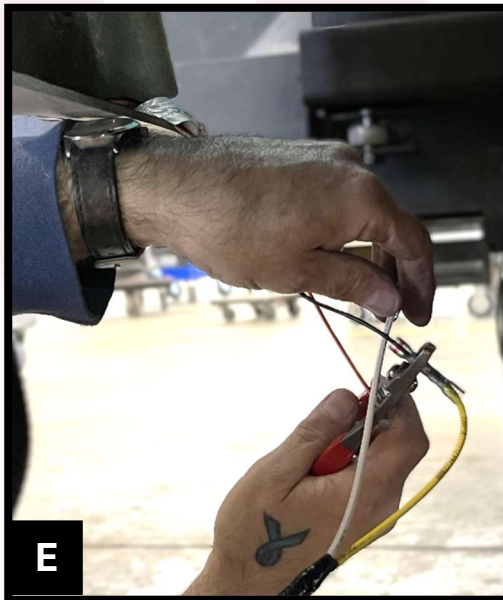


Step 5 – Reinstall the Bulbs Into the Pigtails and Make Harness Connections

- A. Install the 3 light Bulbs you removed earlier, one by one, into the 3 pigtails. Connect the pigtail of the low beam you kept earlier into its New Harness connection.
- B. Drop the plug side end of the harness down through the inside of the front panel while holding the 3 pigtails side of the harness. Carefully lock the pigtails back into the lenses on the back of the bezel.
- C. Find the harness plug that belongs to the new oval lenses' connector with the Red, White and Black Wires stemming from the oval lense and connect.

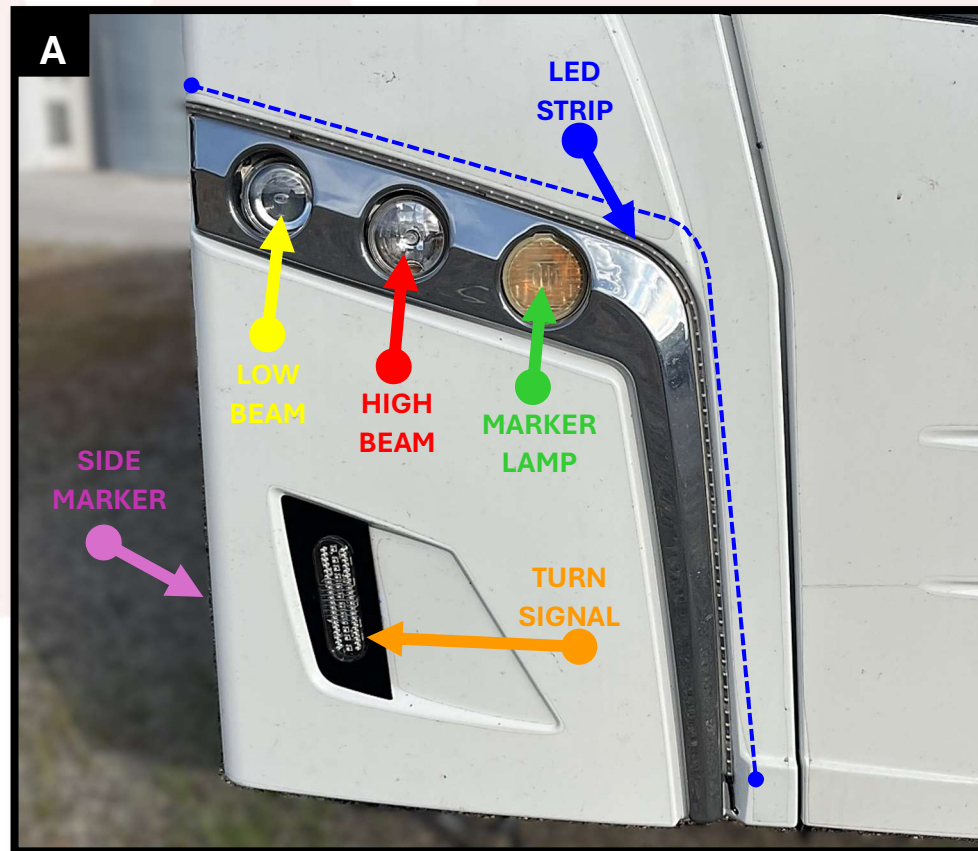


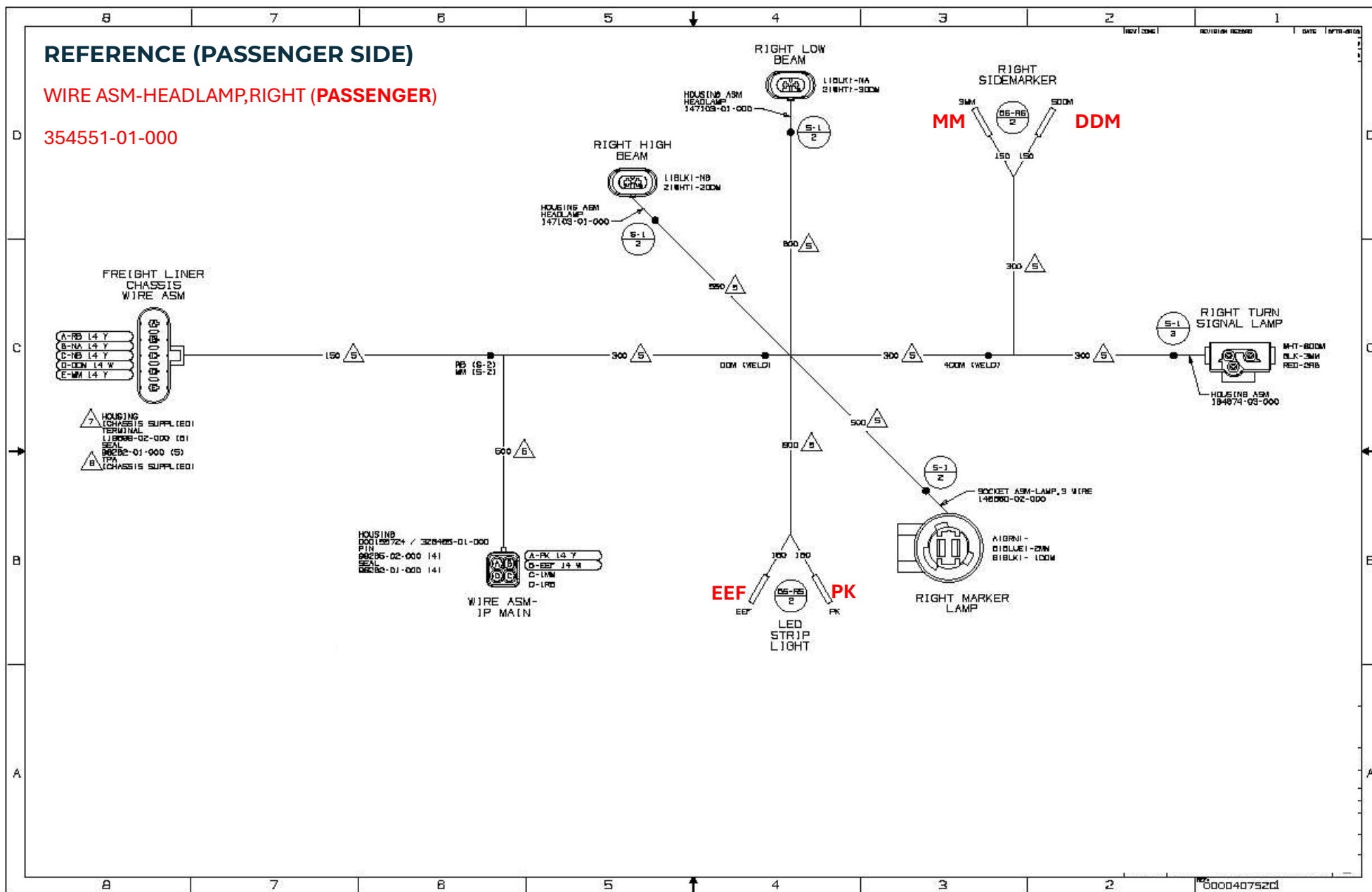
- D. Strip the Side Marker Lense wires you cut down to 6 – 7 inches in Step 1 D. Connect the Yellow wire (MM) and White wire (DDM) to the side marker lense wires using the wire crimpers. (Yellow Wire to Black Wire and White Wire to White Wire)
- E. Strip the LED Light Strip wires you cut down to 6 – 7 inches in Step 1 E. Connect the Yellow wire (PK) and White wire (EEF) to the LED light strip wires using the wire crimpers. (Yellow Wire to Black Wire and White Wire to Red Wire)
- F. Plug the new Main Harness Connector back into the Chassis connection point, where the old main harness was unplugged from.
- G. Connect the new IP Main connector that stems from the new Main Wire-Headlamp Assembly Harness.
- H. (Driver's Side New Harness Only) Plug in the new air horn connector by pushing it back into the connection point found in the front hood compartment.



Step 7 – Verify Functionality of the New Wire-Headlamp Assembly

- A. Turn the vehicle on to test the new wire-headlamp assembly before securing the wiring. Verify that the Radio/Dashboard, and all Head Lamp Assembly Lights (3 Bezel Lights, Oval Turn Signal Light, Side Marker Light, and the LED Strip Light) turn **ON** and function as intended. Once verified, secure all wires using the provided wire ties.
- B. Once you've confirmed functionality of the passenger side, repeat the process for the Driver's Side Harness. The Driver's Side Harness includes the Air Horn. Once you repeat the driver's side rework, verify its functionality including the air horn.
- C. Once both Passenger and Driver's Side wire headlamp assembly works as intended, secure all wires using the provided wire ties.
- D. Once securing all the wires and making sure none are dragging, the rework is now complete!





REFERENCE (DRIVER SIDE)

WIRE ASM-HEADLAMP,LEFT (DRIVER)

354552-01-000

