



2014-2018 SIERRA XB LED HEADLIGHTS INSTALL GUIDE

WARNING: By reading this document, you agree it is only to be used as an educational guide. Morimoto Lighting nor its dealers make guarantees on any finished results, nor are they to be held responsible for any damage, misuse, or personal injuries. If you are unable to clearly understand and adapt the information below, professional installation is recommended.

PACKAGE CONTENTS



2X HEADLIGHT ASSEMBLIES



1 X FUSE TAP / DRL HARNESS



2 X HARNESS ADAPTERS

IMPORTANT: If your vehicle is equipped with anything but OEM turn signals (full assemblies, LED bulbs, or otherwise) in the tail lights or elsewhere: You may experience a hyper flash and/or problem with the sequential signal setting on these headlights. This is not a defect in the headlight, and caused by un-matched impedance with your original vehicle settings.

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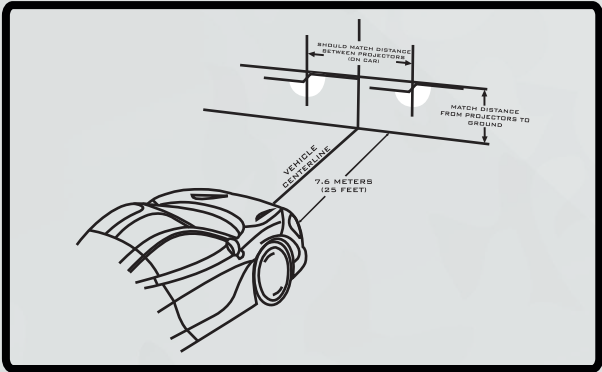
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PAGE 40 HEADLIGHT AIMING



2015-2019 SIERRA HD



REQUIRED TOOLS

- RACHET
- 7MM SOCKET
- 10MM SOCKET
- 16MM SOCKET
- 18MM SOCKET
- T20 TORX BIT
- FLAT HEAD SCREWDRIVER OR TRIM REMOVAL TOOL
- PHILIPS HEAD SCREWDRIVER
- NEEDLE NOSE PLIERS

INSTALLATION PROCESS

1. Remove the twelve (12) plastic clips holding on the grille cover. Remove the grill cover and set aside.



2. Remove the four (4) 10mm bolts holding on the top of the grille.



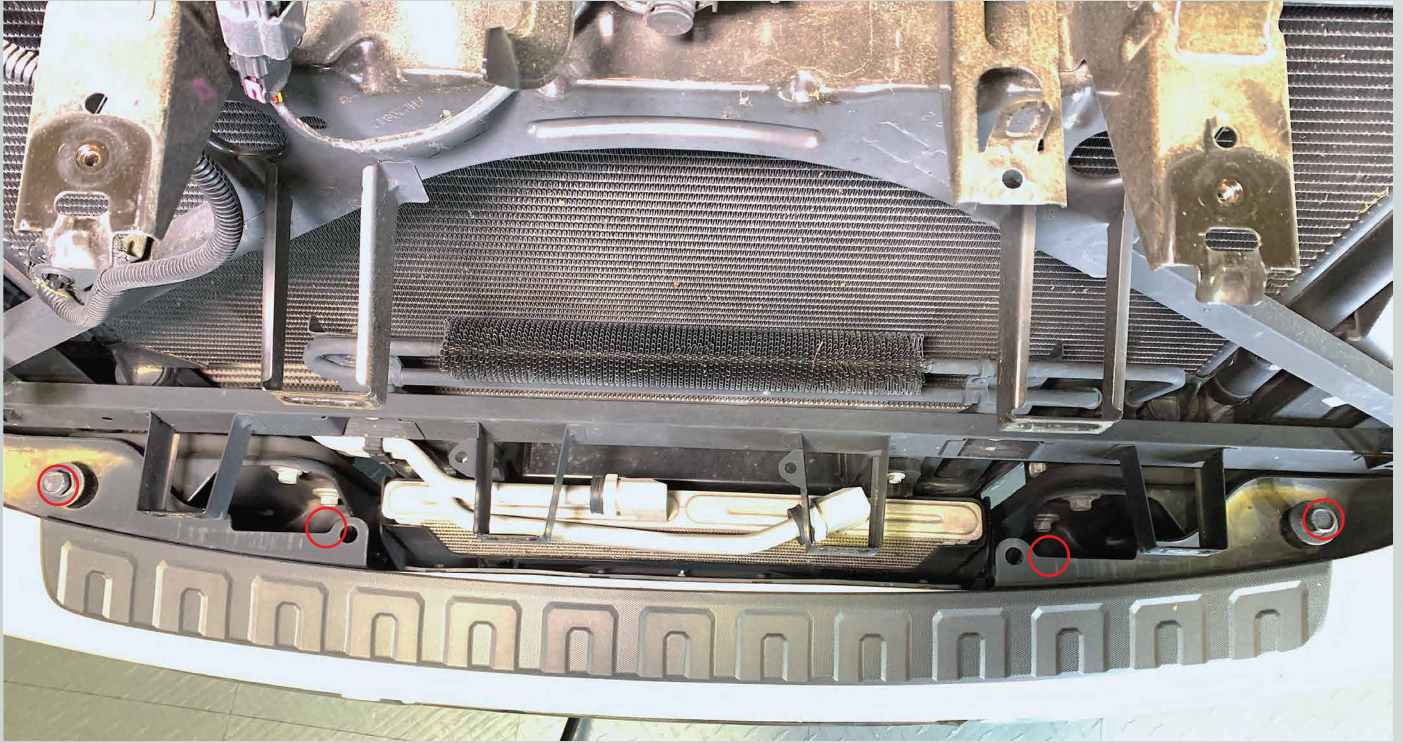
3. Pry up under these four (4) tabs with a flat head screwdriver to release the top of the grille.



4. Pry the grille forward in these spots to release the sides. Then pry the bottom to remove the grille off the truck.



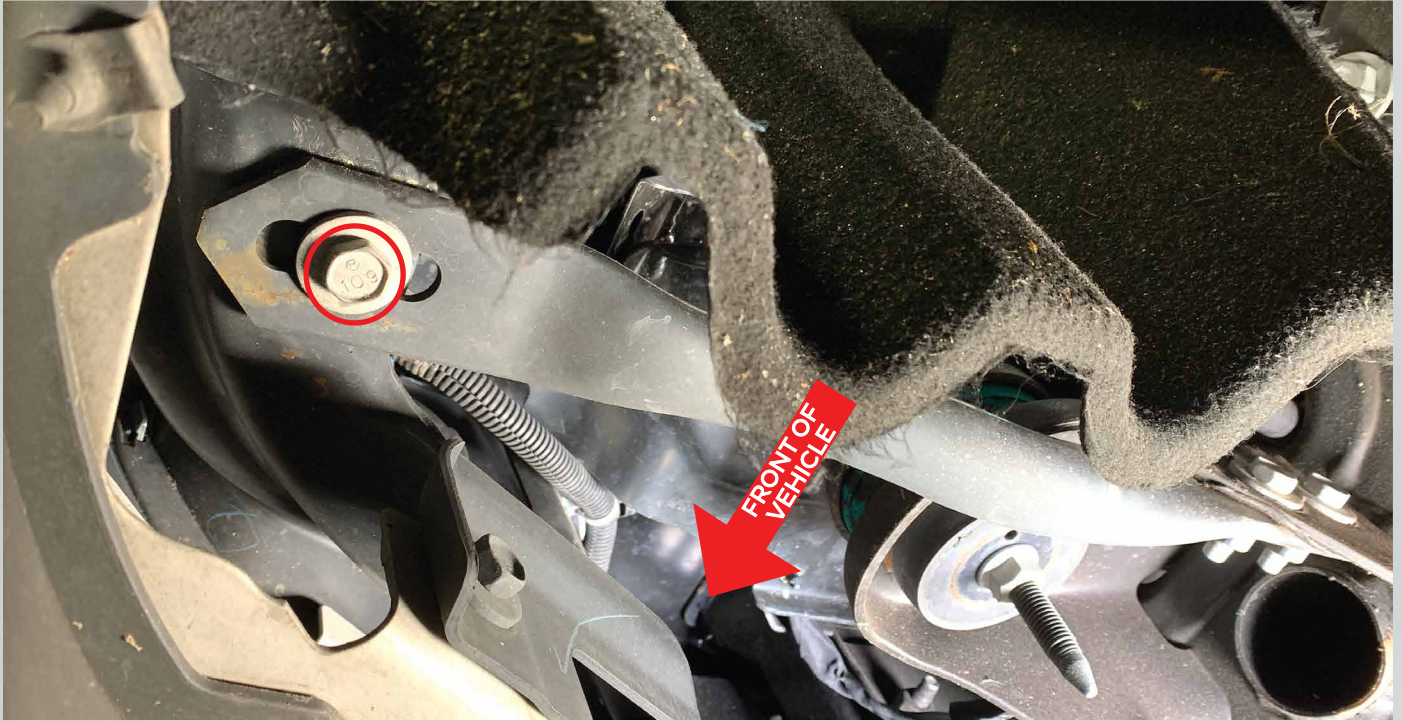
5. To remove the bumper, start by removing these four (4) 18mm bolts.



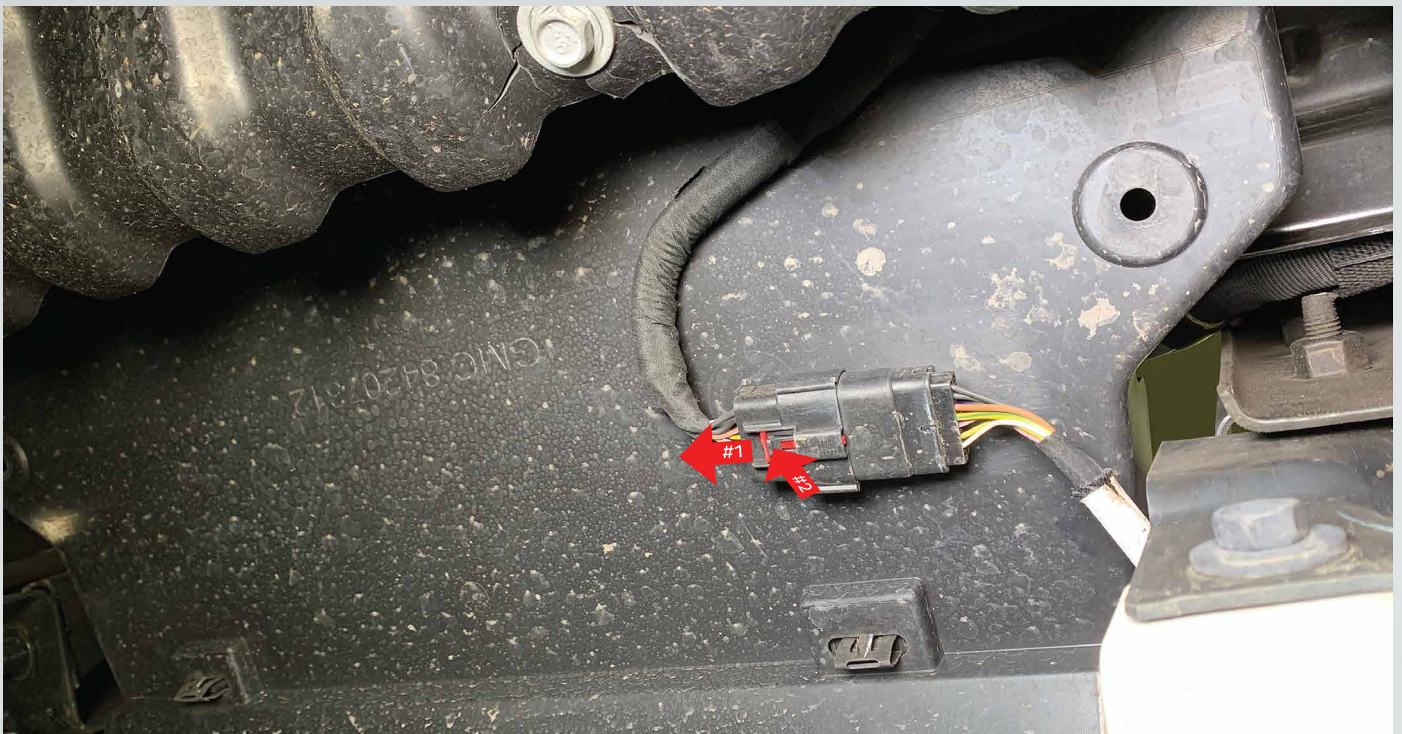
6. Remove one (1) 16mm bolt underneath the bumper on the passenger side of the truck.



7. Remove one (1) 16mm bolt underneath the bumper on the driver side of the truck.



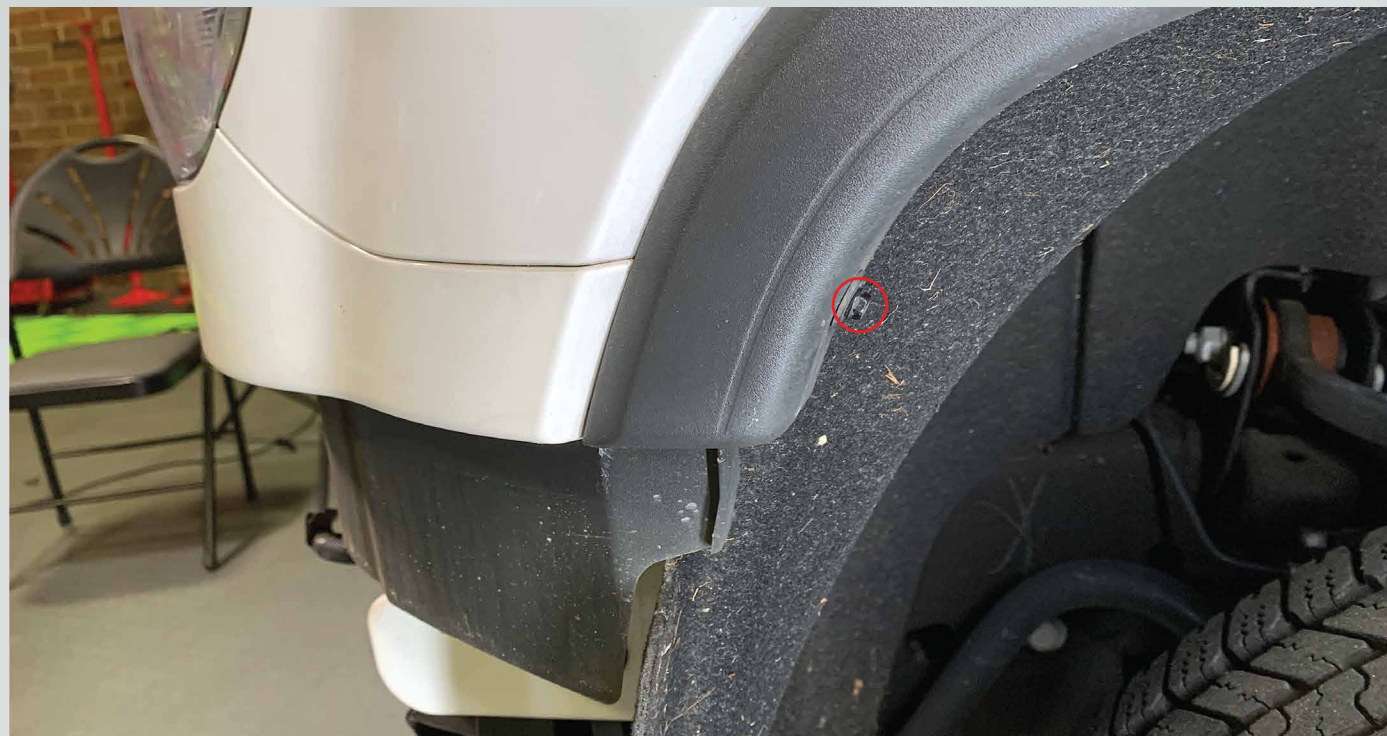
8. Under the center of the bumper disconnect this plug by first pulling the red tab free and then pushing down down the releasing tab and pulling the connector apart. Then slide the bumper off the truck.



9. Remove this one (1) 10mm.



10. Remove one (1) 7mm bolt from the fender flare.



11. Pull the trim piece out to release the plastic clips and remove off the truck. Repeat steps 9-11 on the other side of the truck.



12. Remove this panel by prying up (#1) and sliding forward (#2).



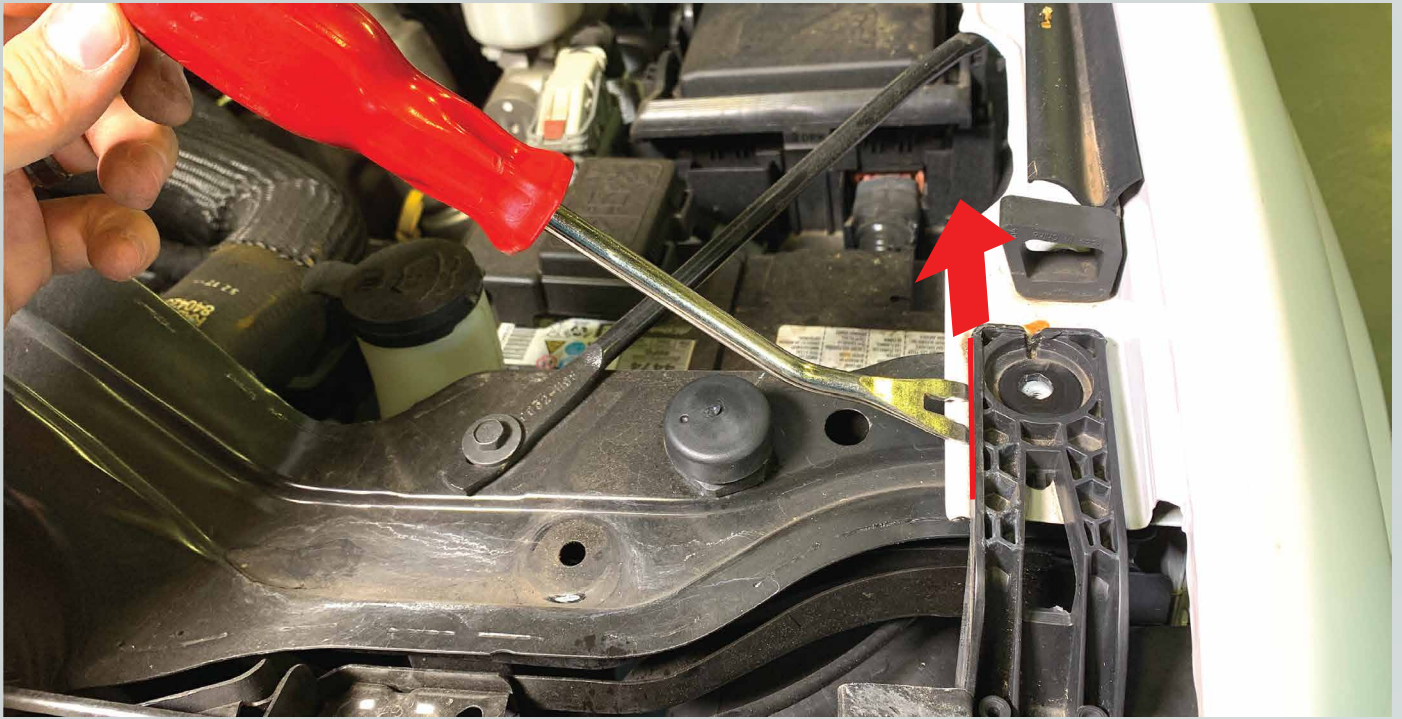
13. Remove the two (2) 10mm bolts from the top of the headlight.



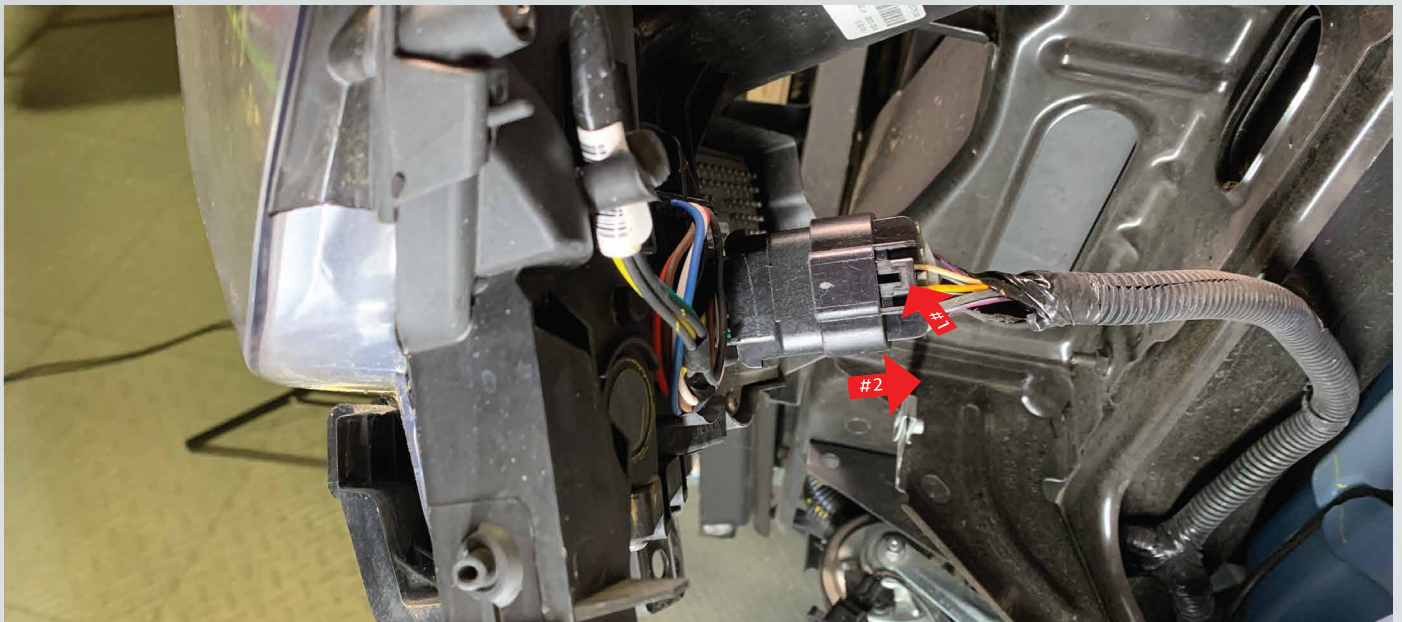
14. Remove two (2) 10mm from the bottom of the headlight.



15. Pry up on this tab to release the headlight.



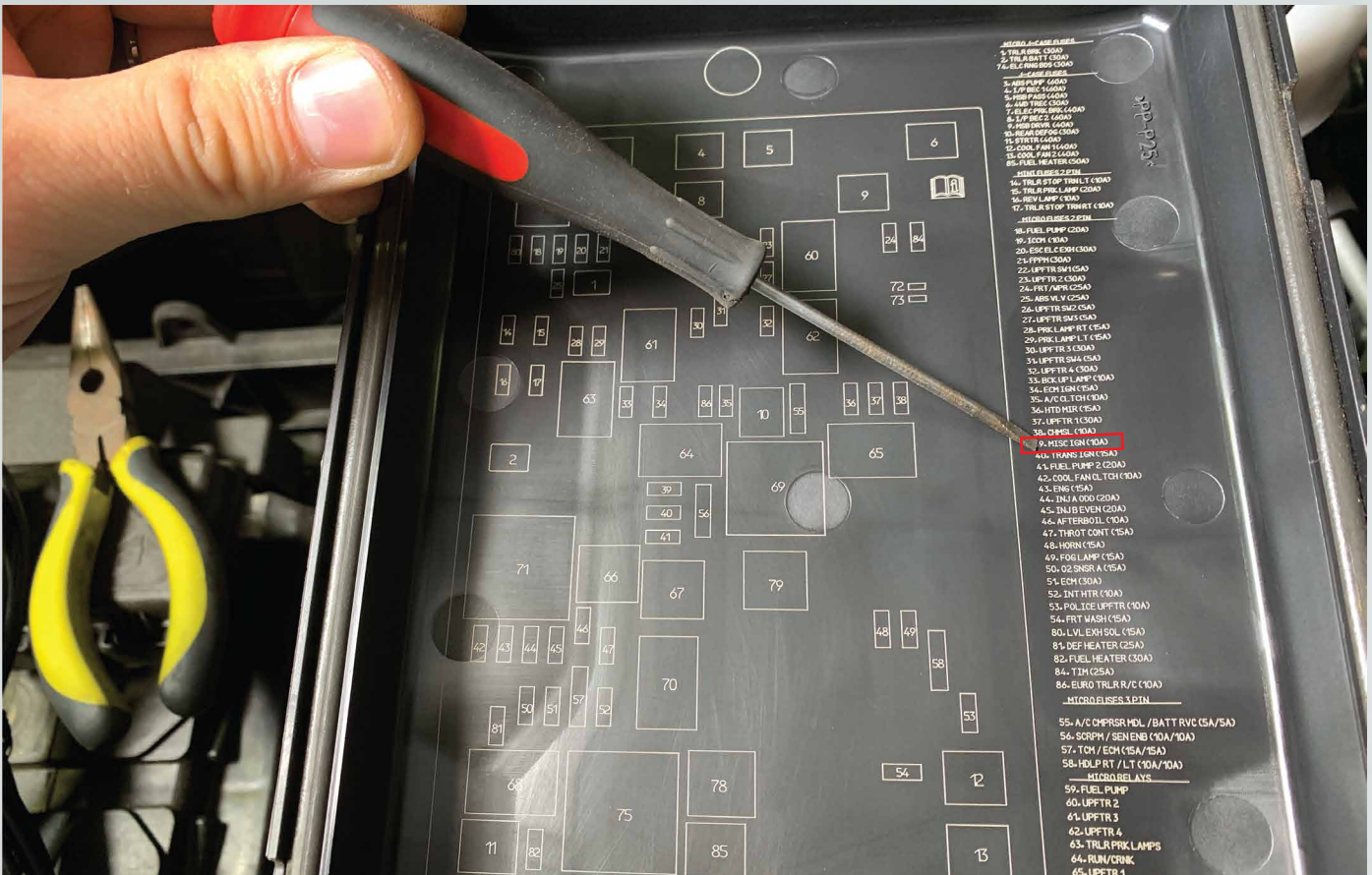
16. Disconnect the headlight plug by pressing down the tab (#1) and pulling the connector apart (#2). Repeat steps 13-16 on the other headlight.



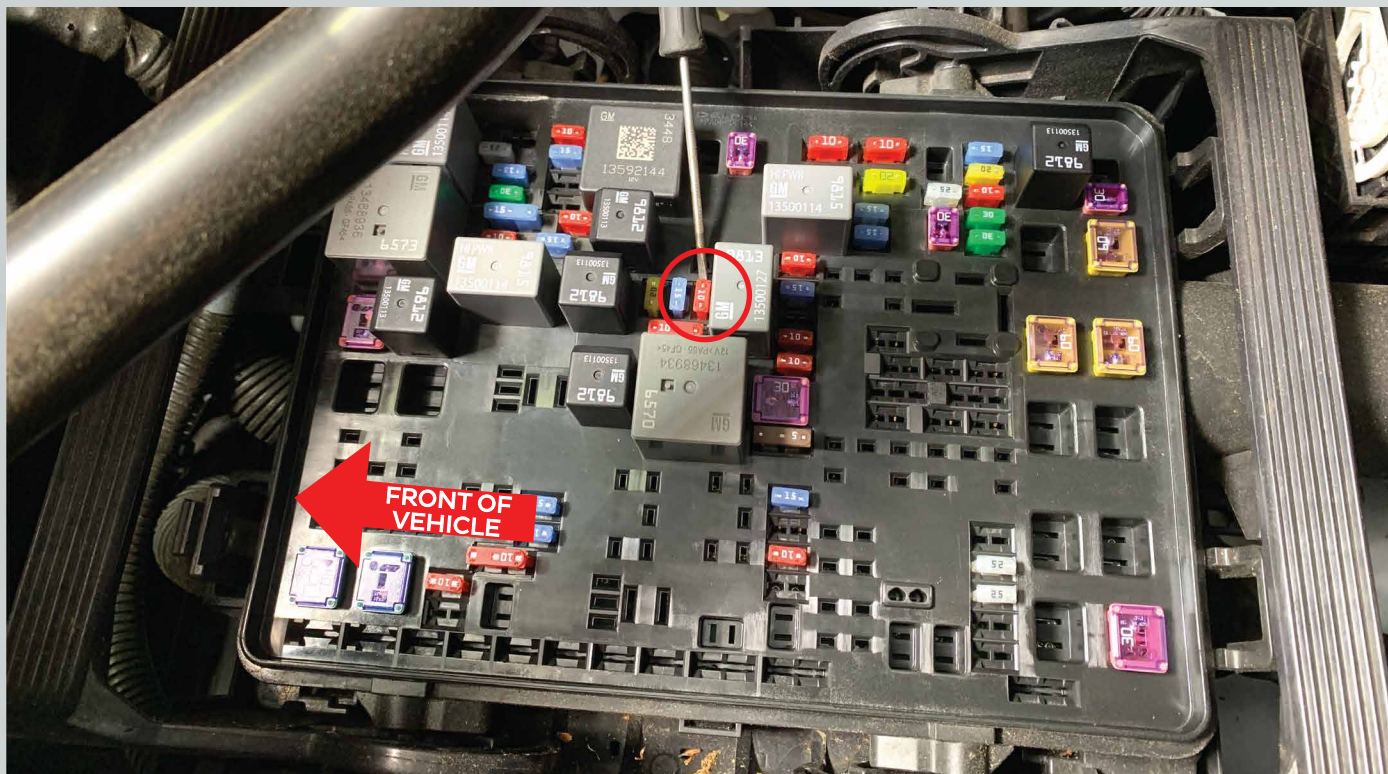
17. Remove the two (2) T20 screws on the bottom of the headlight. Slide bracket down and remove off the headlight. Repeat on the other headlight and transfer the screws and brackets to the Morimoto headlights.



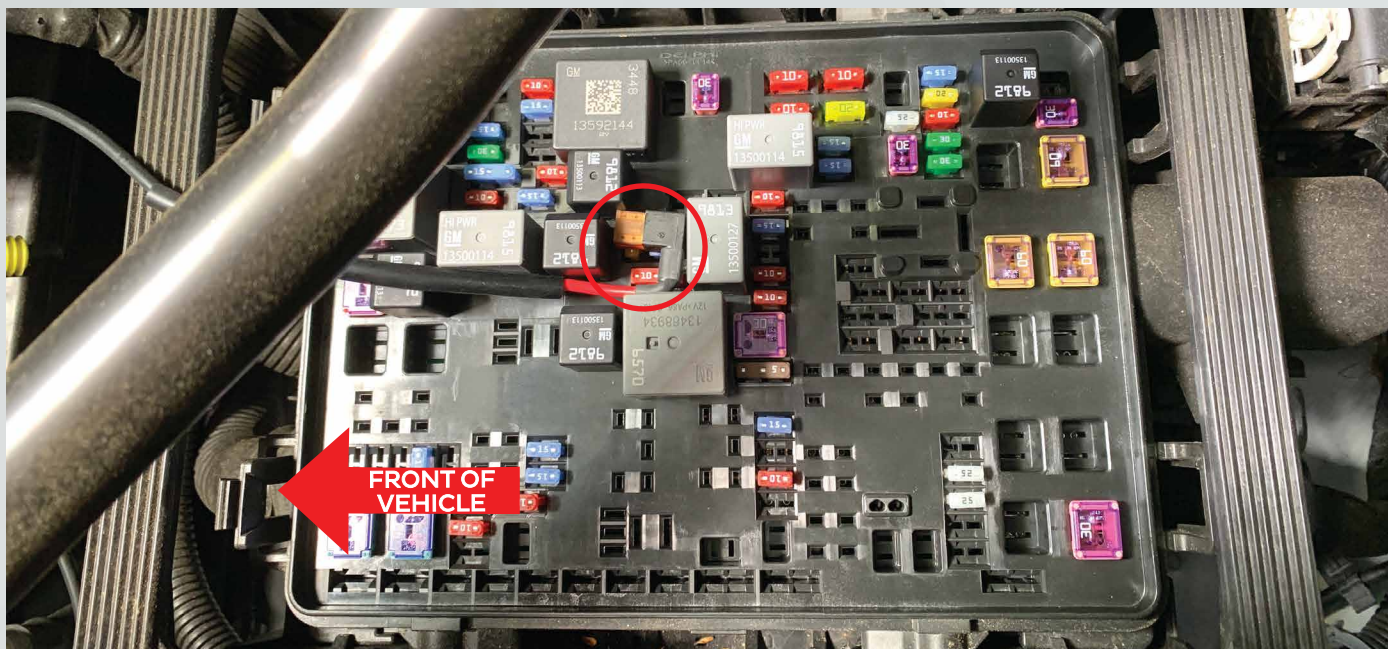
18. Locate your fuse box on the driver side and find fuse #39.



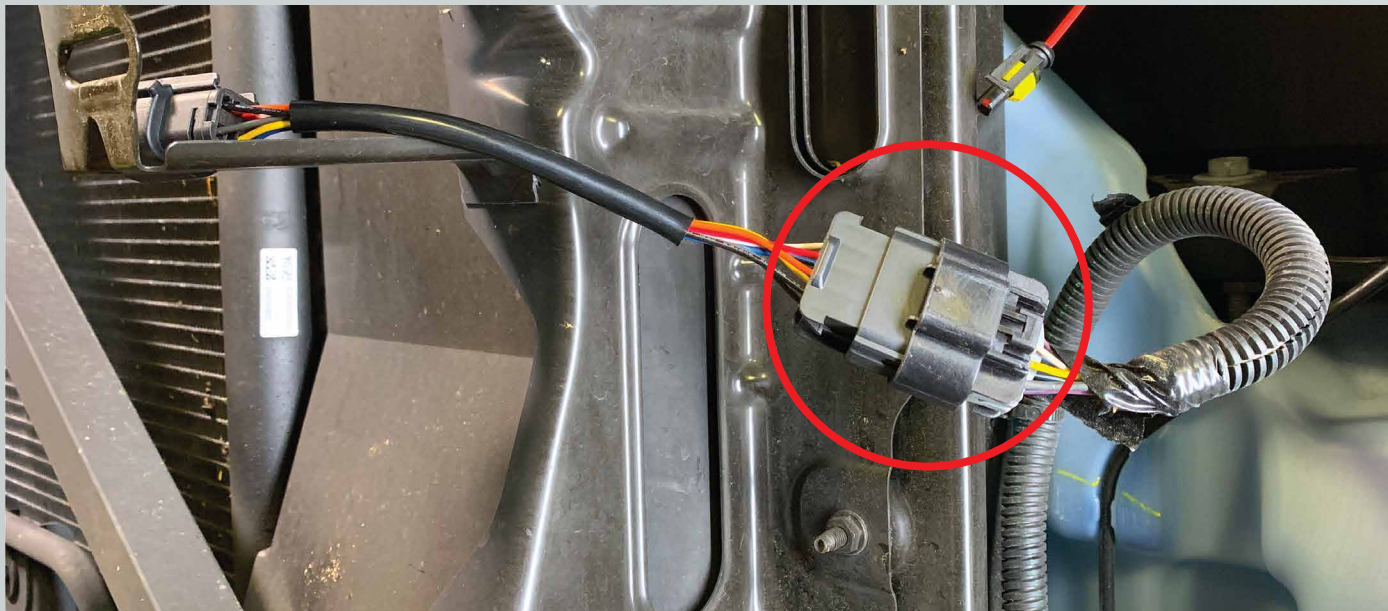
19. Remove fuse #39 .



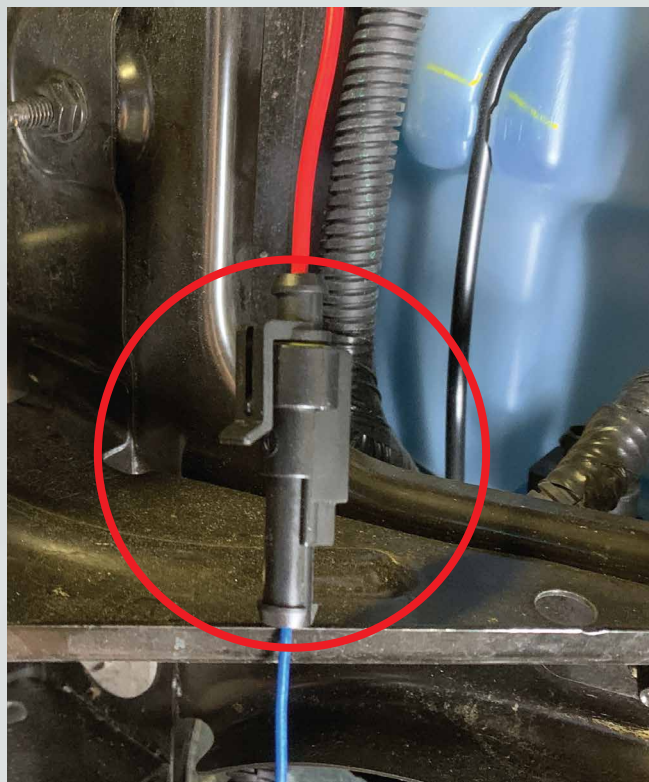
20. Locate the supplied DRL fuse tap harness and plug it in place of fuse #39. Run the longer part of the DRL fuse tap harness to the passenger side and the shorter side to driver side, secure wires to the truck.



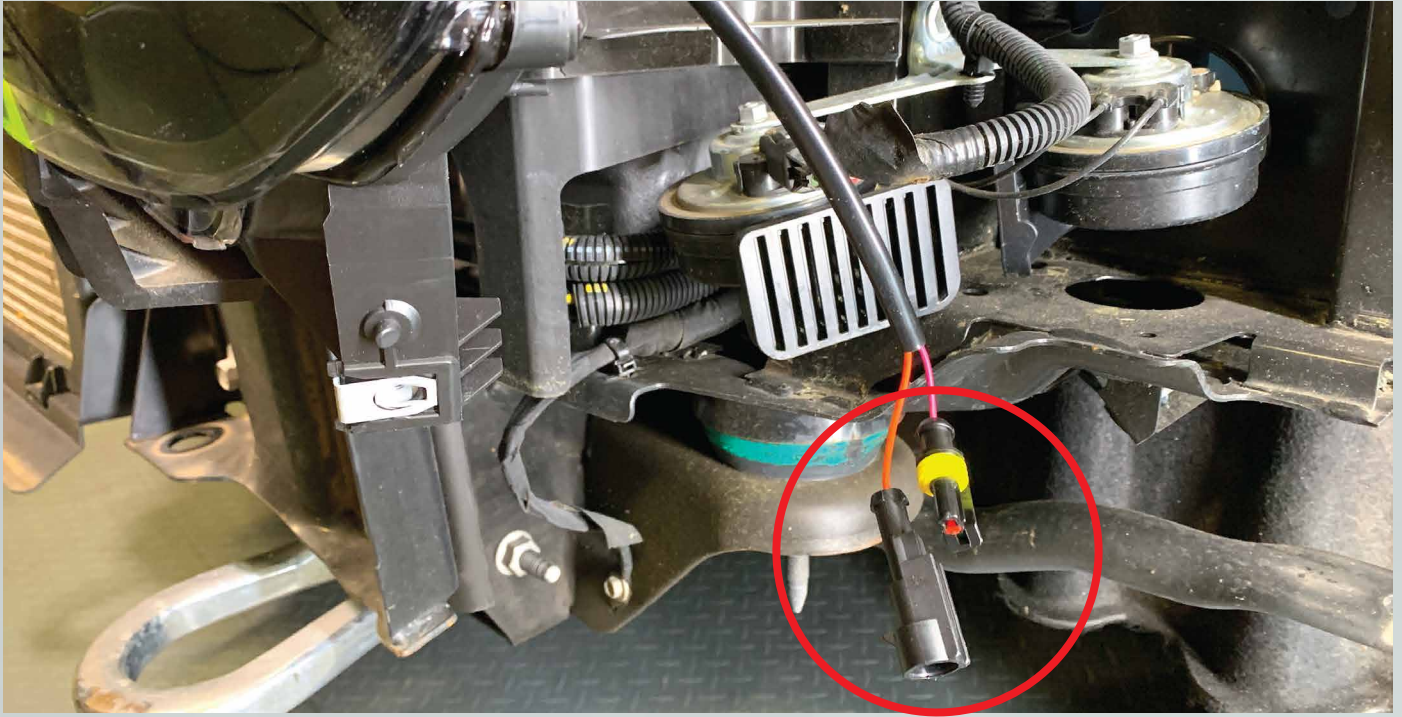
21. Plug in the supplied harness adaptor into the truck's headlight plug.



22. Plug in the connector on the back of the Morimoto headlight into the adaptor's harness from previous step. Plug in the connector with the blue wire into the DRL harness.



23. If you want a sequential turn signal leave these connectors unplugged (as pictured). If you want a solid turn signal connect these plugs into each other.



24. Bolt the headlight to the truck and repeat steps 21-23 on the other side of the truck.

25. Turn the truck on and test to make sure all of the functions work.

26. Reassemble the truck in the reverse order that you took it apart.

27. For headlight adjustments and aiming go to page 40.

2016-2018 SIERRA 1500



REQUIRED TOOLS

- RACHET
- 7MM SOCKET
- 10MM SOCKET
- T20 TORX BIT
- FLAT HEAD SCREWDRIVER OR TRIM REMOVAL TOOL
- PHILIPS HEAD SCREWDRIVER
- NEEDLE NOSE PLIERS
- WIRE CUTTERS
- THIN PICK TOOL

INSTALLATION PROCESS

1. Remove the twelve (12) plastic clips holding on the grille cover. Remove the grill cover and set aside.



2. Remove the four (4) 10mm bolts holding on the top of the grill.



3. Remove one (1) 7mm bolt from the fender flare.



4. Pull back the flare to release the clips.



5. Remove one (1) 7mm bolt from the bumper trim.



6. Pry trim away from the truck to release the red line of clips holding it to the fender.



7. To release the trim from the grille, start by prying down slightly in this location and pressing down the release tab with a pick.



8. To release the second clip pry down slightly in this location and pressing down the release tab with a pick.



9. Repeat steps 3-8 on the other side of the truck.

10. From underneath the bumper these are the four (4) clips holding the bumper trim. To release them, pry the black clip away from the white tabs and pull the trim away from the grille.



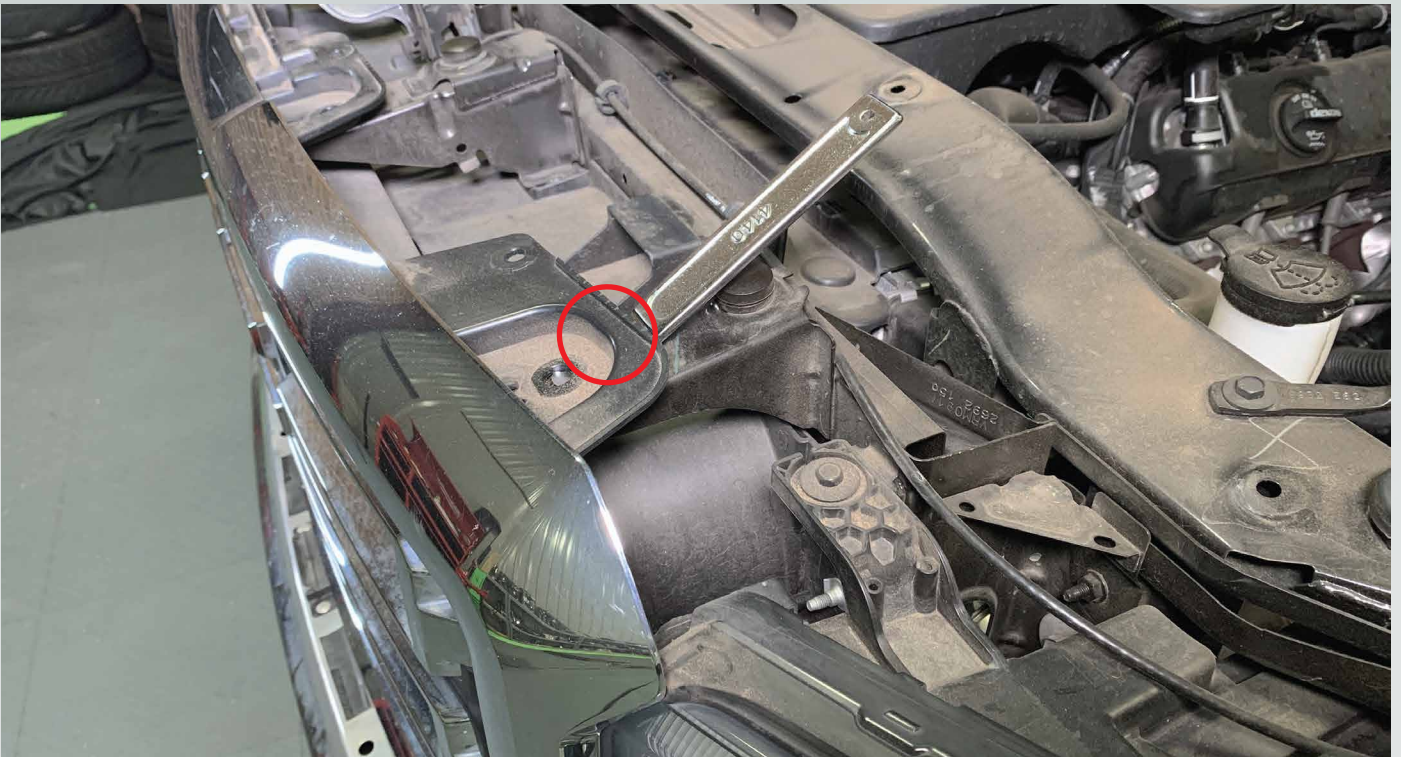
- This is the bumper trim removed to show where the tabs are located. The blue tabs are those ones that are released from the front of the truck. The red tabs are the ones released from underneath the truck.



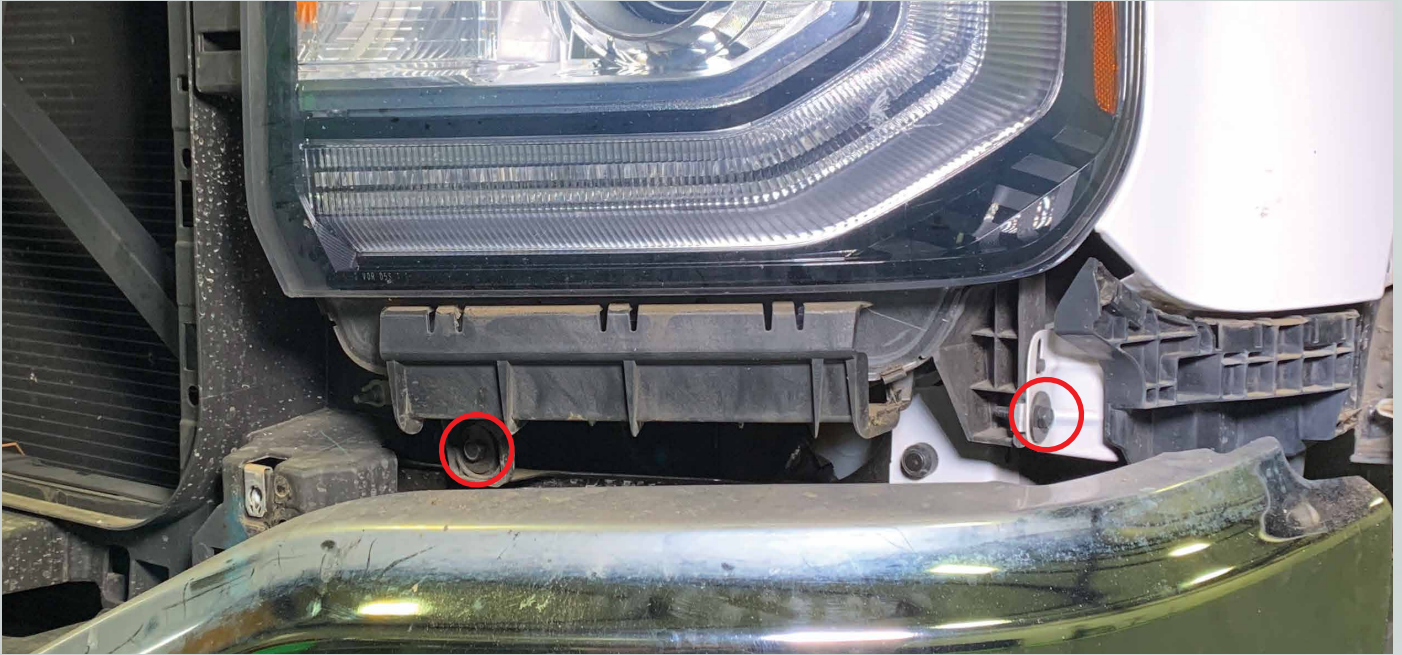
11. Remove the four (4) 10mm bolts holding the bottom of the grille.



12. Pry the up on the top grille tabs to free the grille. Remove the grille off the truck.



13. Remove two (2) 10mm bolts holding the bottom of the headlight.



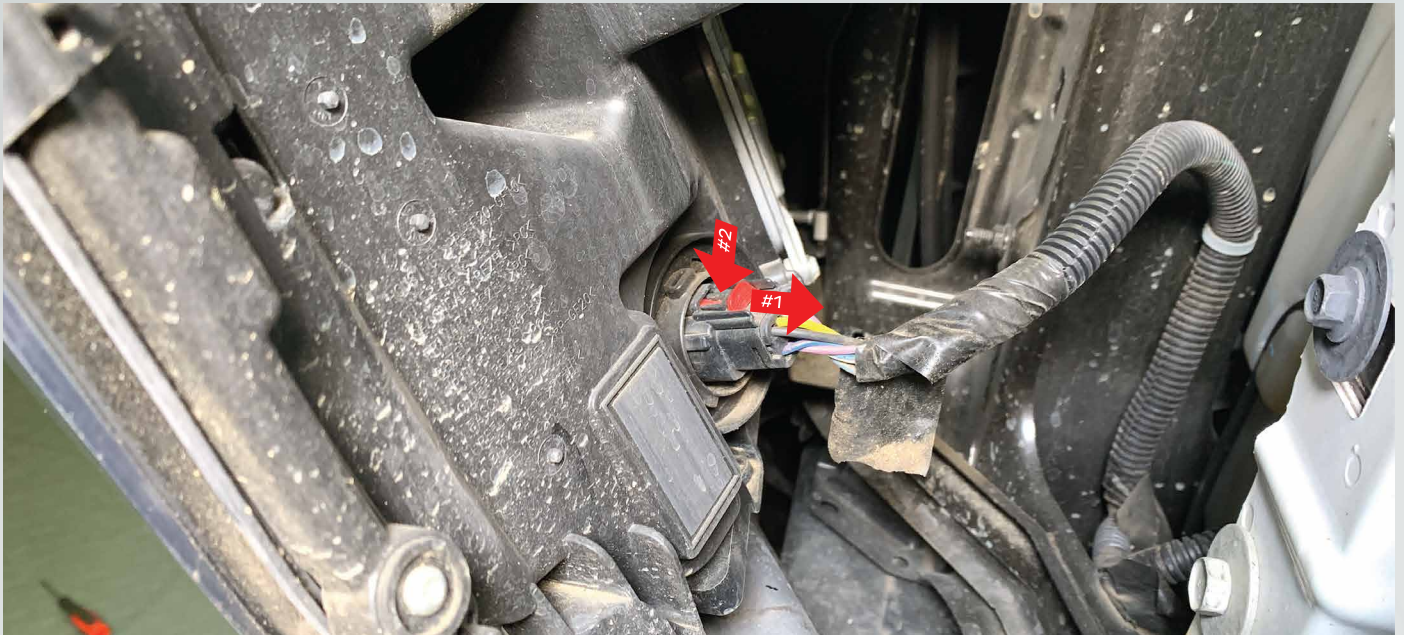
14. Remove two (2) 10mm bolts holding the top of the headlight.



15. Pry up under this tab to release the headlight.



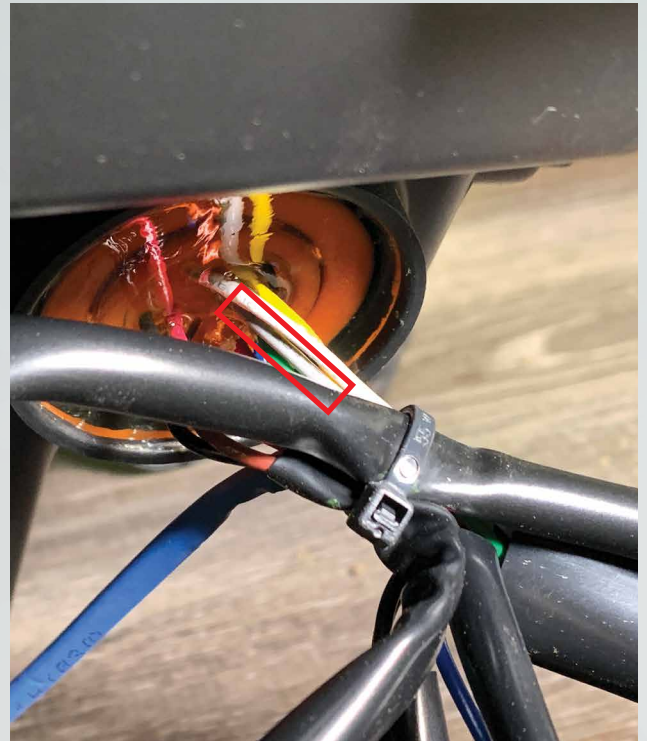
16. Disconnect the headlight plug by sliding the red security tab away from the headlight, then pressing down release tab and sliding the connector away from the headlight.



17. Remove the two (2) T20 screws on the bottom of the headlight. Slide bracket down and remove off the headlight. Repeat on the other headlight and transfer the screws and brackets to the Morimoto headlights.

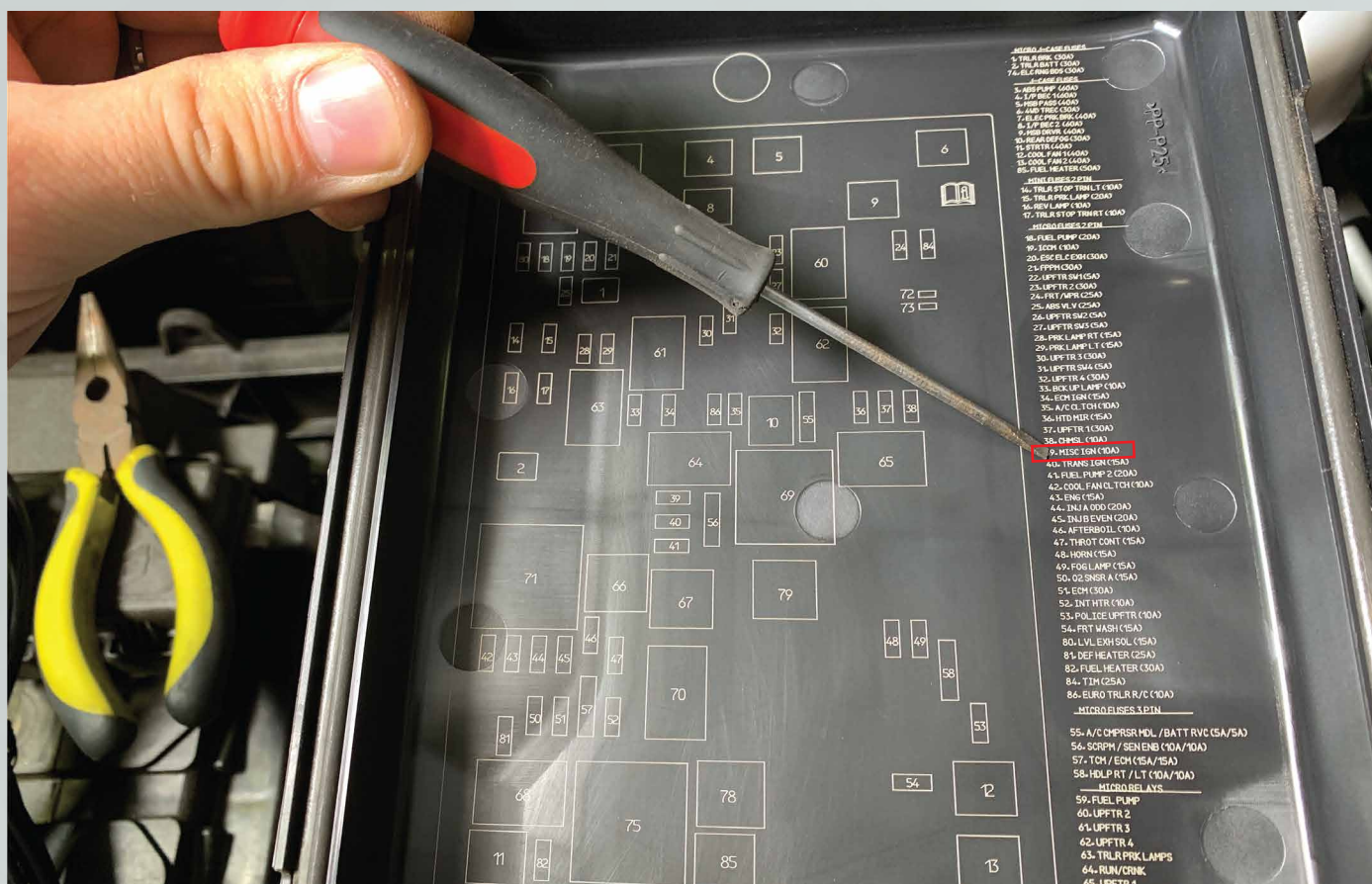


18. For proper functionality, cut the grey wire at the XB plug and at the housing to fully eliminate it.

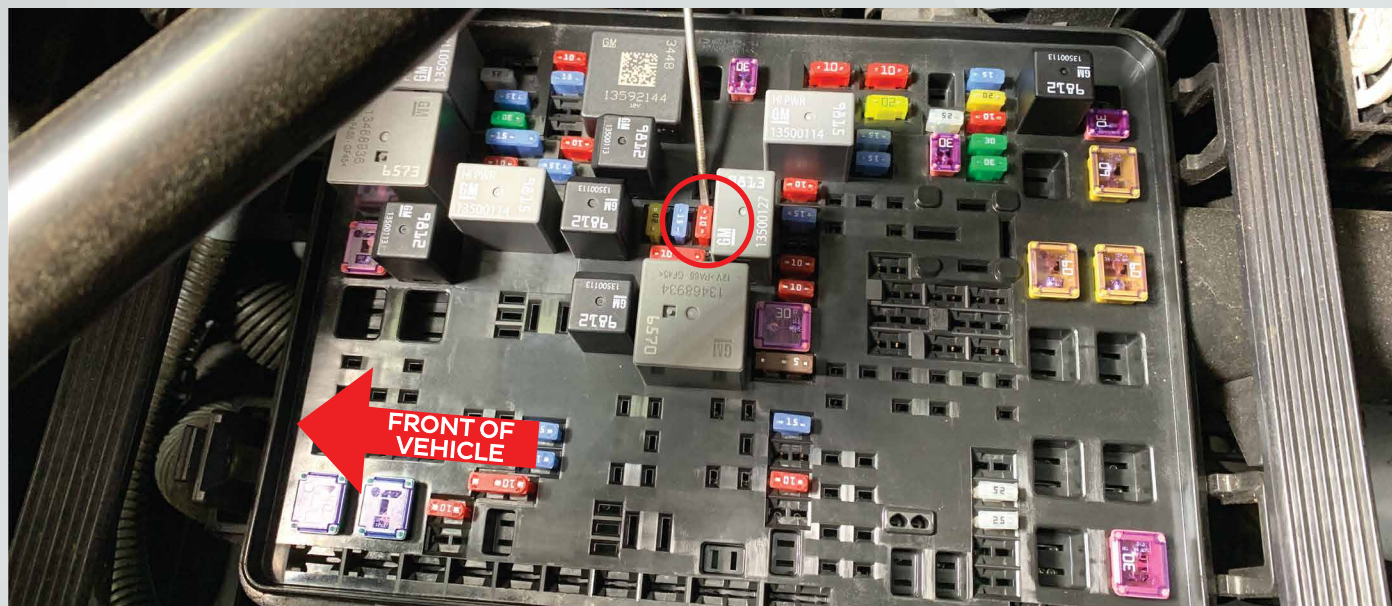


19. Repeat steps 13-18 on the other side of the truck.

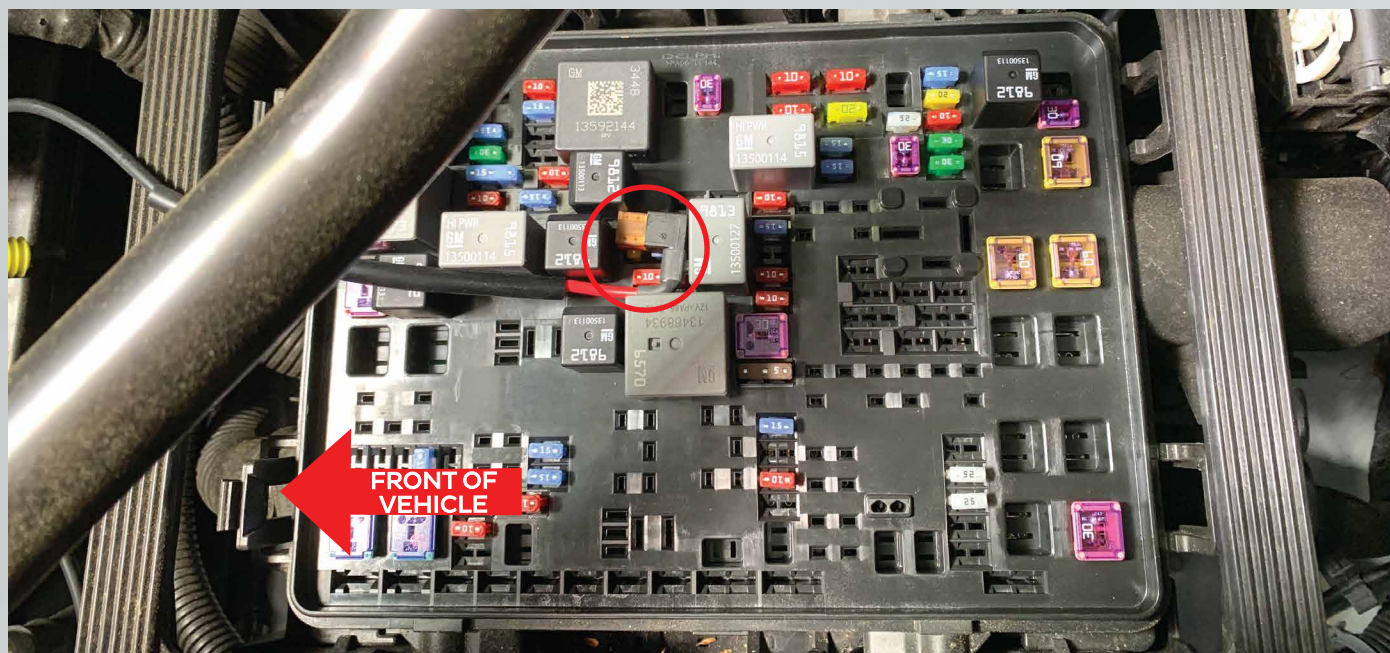
19. Locate your fuse box on the driver side and find fuse #39.



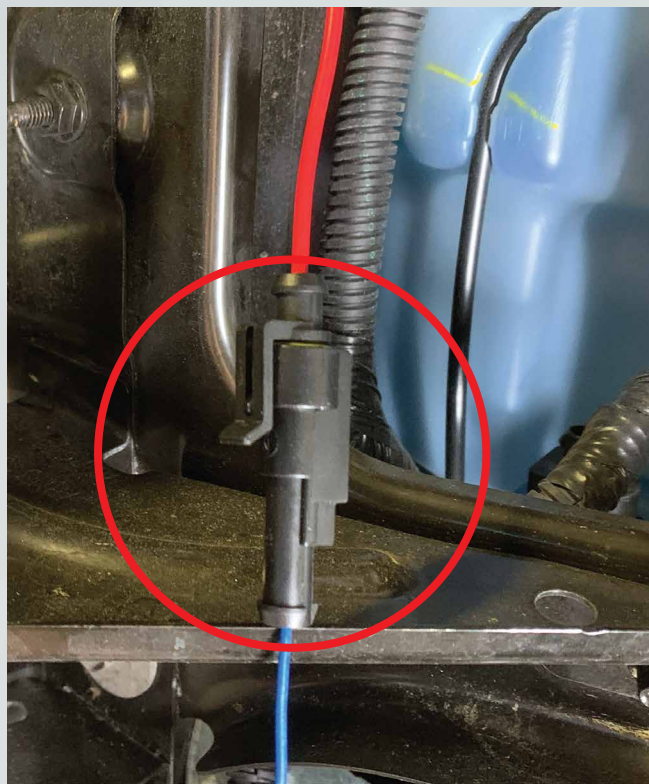
20. Locate fuse #39.



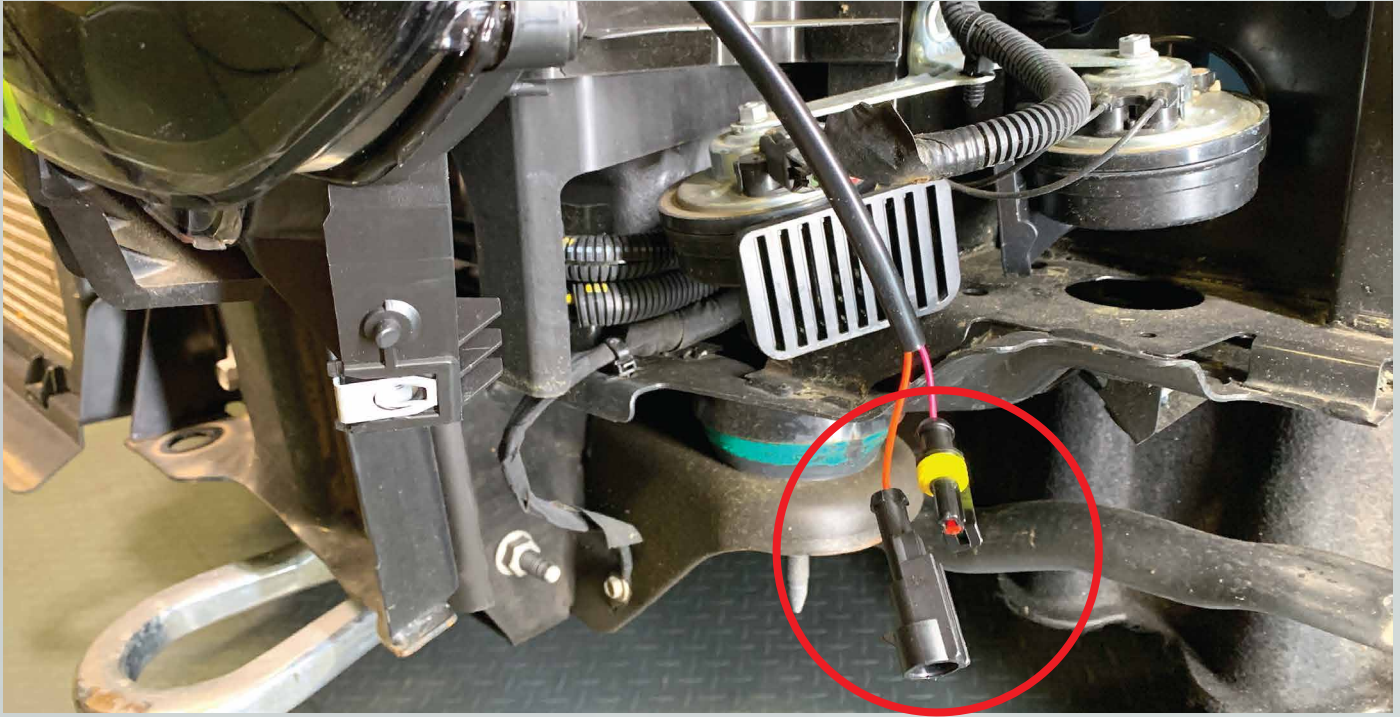
21. Locate the supplied DRL fuse tap harness and plug it in place of fuse #39. Run the longer part of the DRL fuse tap harness to the passenger side and the shorter side to driver side, secure wires to the truck.



22. Plug in the connector on the back of the Morimoto headlight into vehicle connector. Plug in the connector with the blue wire into the DRL harness.



23. If you want a sequential turn signal leave these connectors unplugged (as pictured). If you want a solid turn signal connect these plugs into each other.



24. Bolt the headlight to the truck and repeat steps 22-23 on the other side of the truck.

25. Turn the truck on and test to make sure all of the functions work.

26. Reassemble the truck in the reverse order that you took it apart.

27. For headlight adjustments and aiming go to page 40.

2014-2015 SIERRA 1500



REQUIRED TOOLS

- RACHET
- 7MM SOCKET
- 10MM SOCKET
- T20 TORX BIT
- FLAT HEAD SCREWDRIVER OR TRIM REMOVAL TOOL
- PHILIPS HEAD SCREWDRIVER
- NEEDLE NOSE PLIERS
- THIN PICK TOOL

INSTALLATION PROCESS

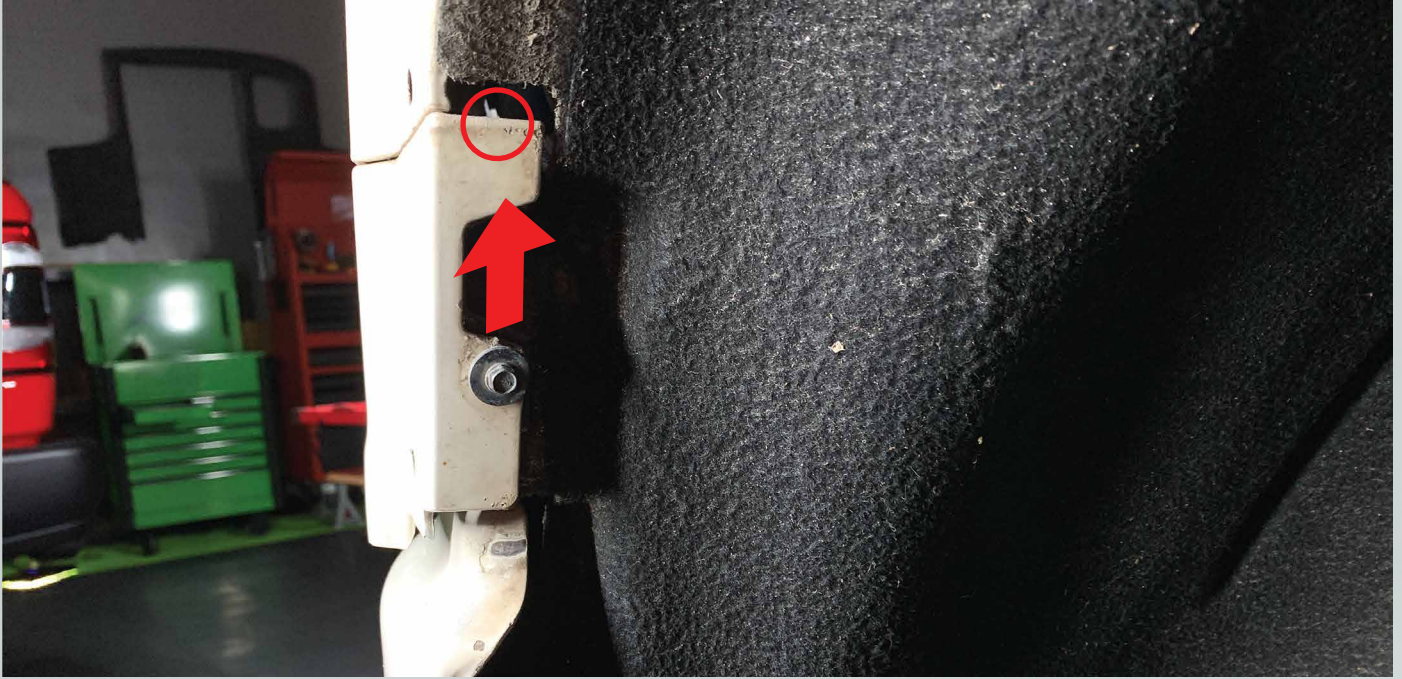
1. Remove the twelve (12) plastic clips holding on the grille cover. Remove the grill cover and set aside.



2. Remove the four (4) 10mm bolts holding on the top of the grill.



3. Remove one (1) 7mm bolt holding the bumper trim to the fender.



4. Remove one (1) 7mm bolt, and pull the bumper trim away from the fender tip release the clips.

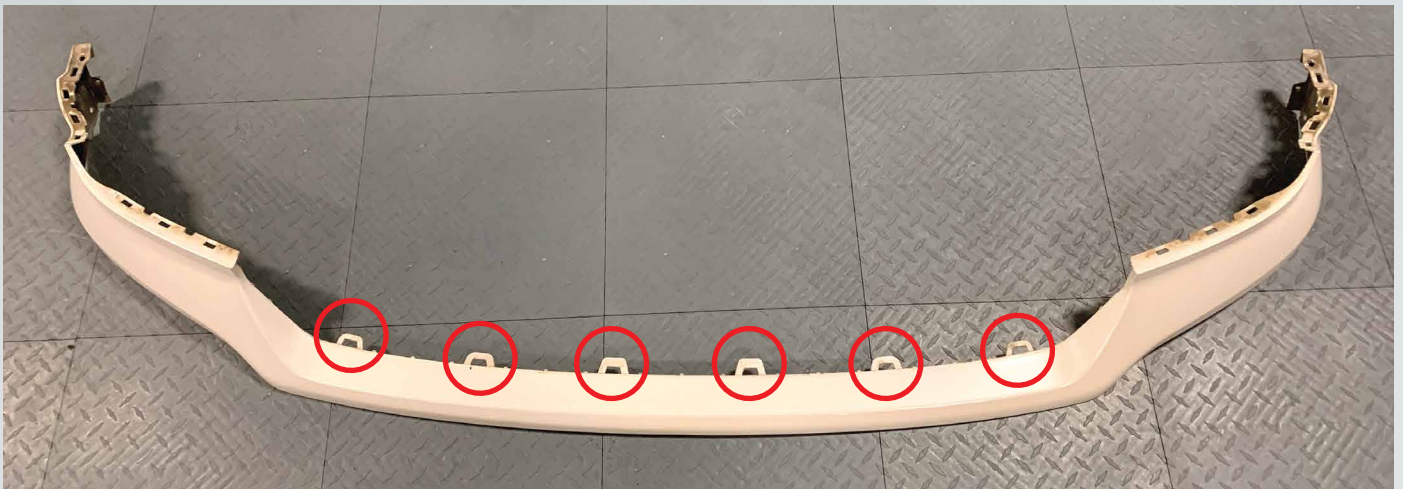


5. Repeat steps 3-4 on the other side of the truck.

5. From underneath the bumper there are six (6) clips holding the bumper trim, to release them away from the grill pry the black clip away from the white tabs and pull the trim away from the grille.



- This is the bumper trim removed to show where the tabs are located.



6. Remove the four (4) 10mm bolts holding the bottom of the grille.



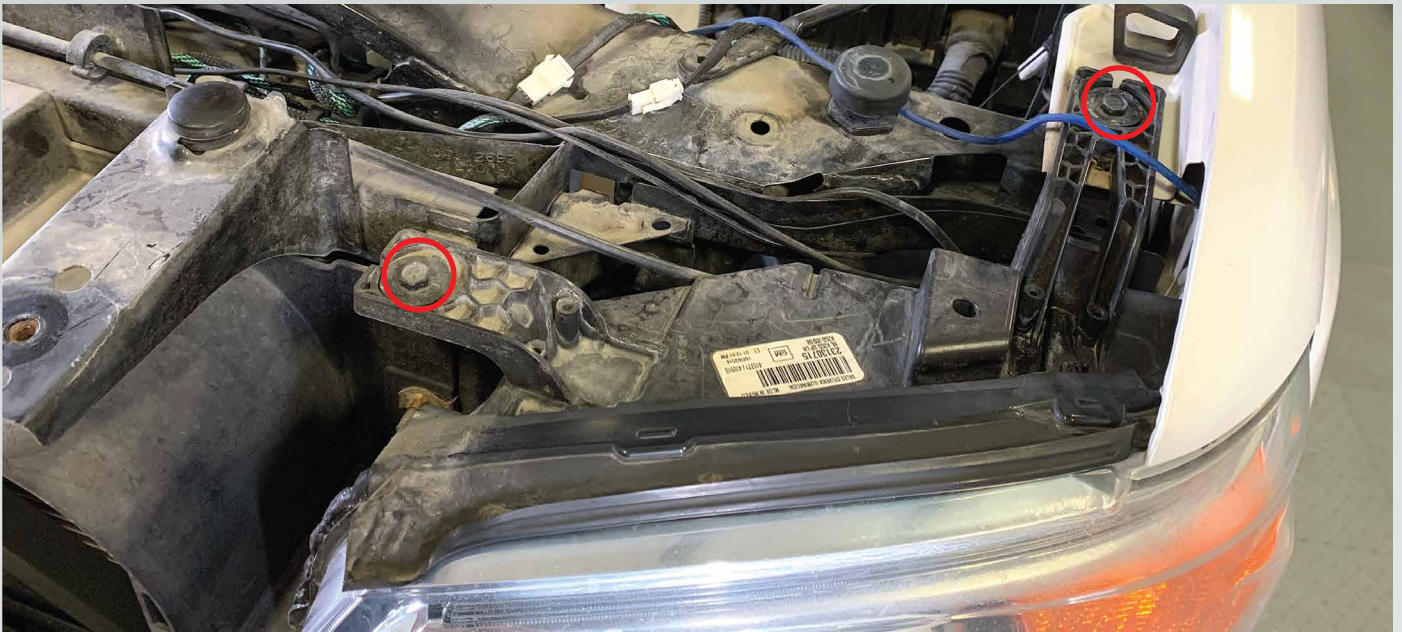
7. Pry the up on the top grille tabs to free the grille. Remove the grille off the truck.



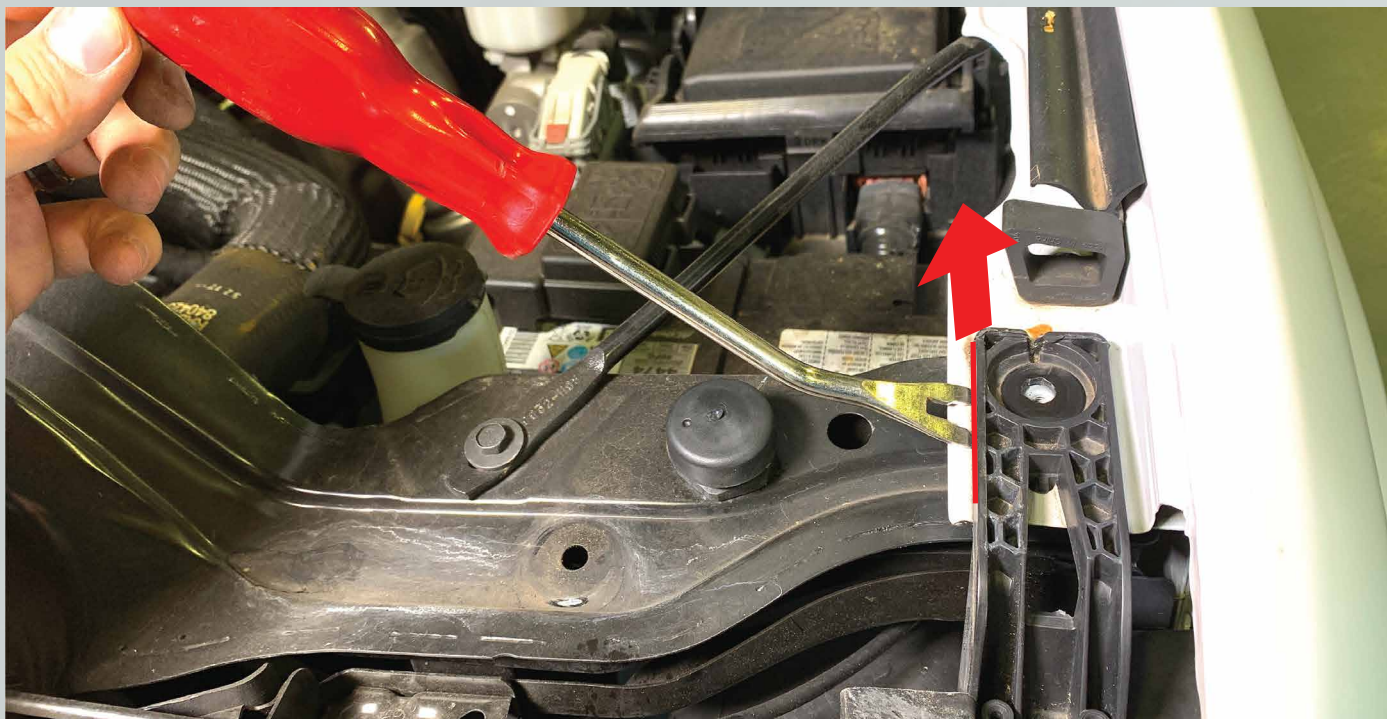
8. Remove two (2) 10mm bolts holding the bottom of the headlight.



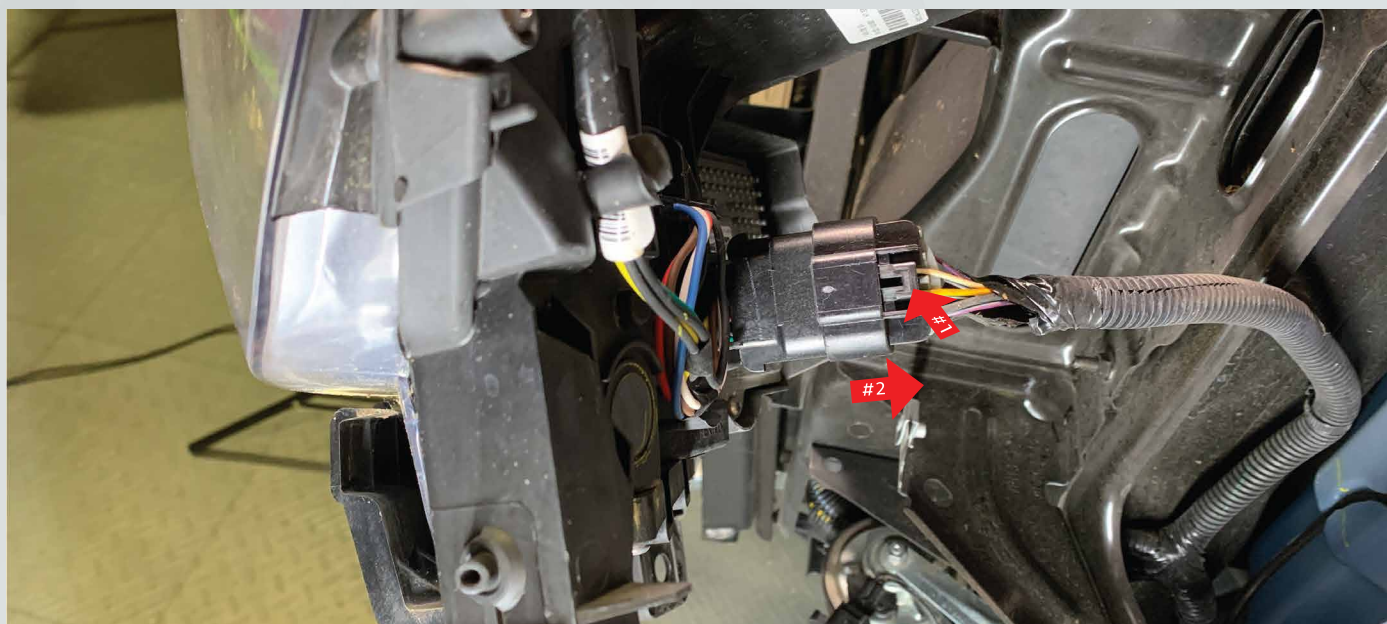
9. Remove two (2) 10mm bolts holding the top of the headlight.



10. Pry up on this tab to release the headlight.



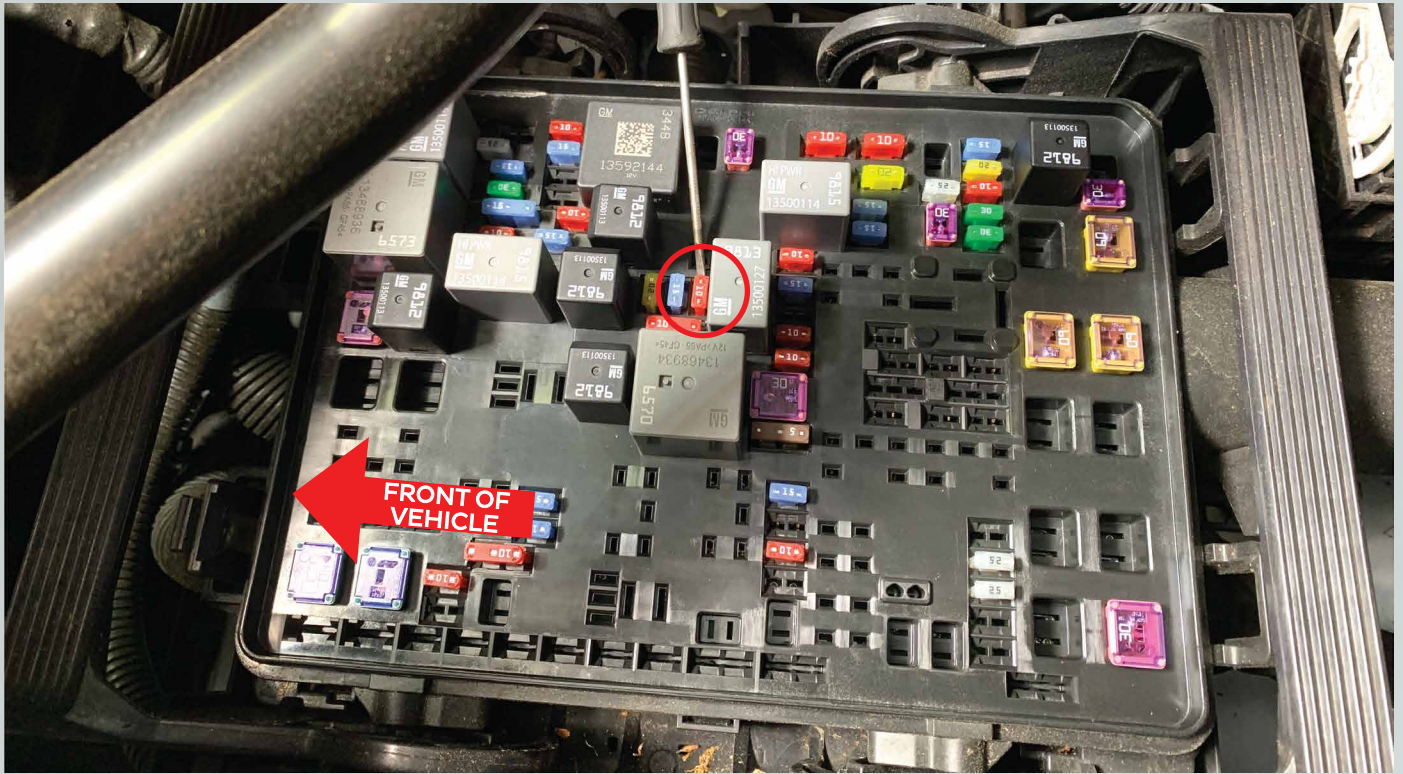
11. Disconnect the headlight plug by pressing down the tab (#1) and pulling the connector apart (#2). Repeat steps 8-11 on the other headlight.



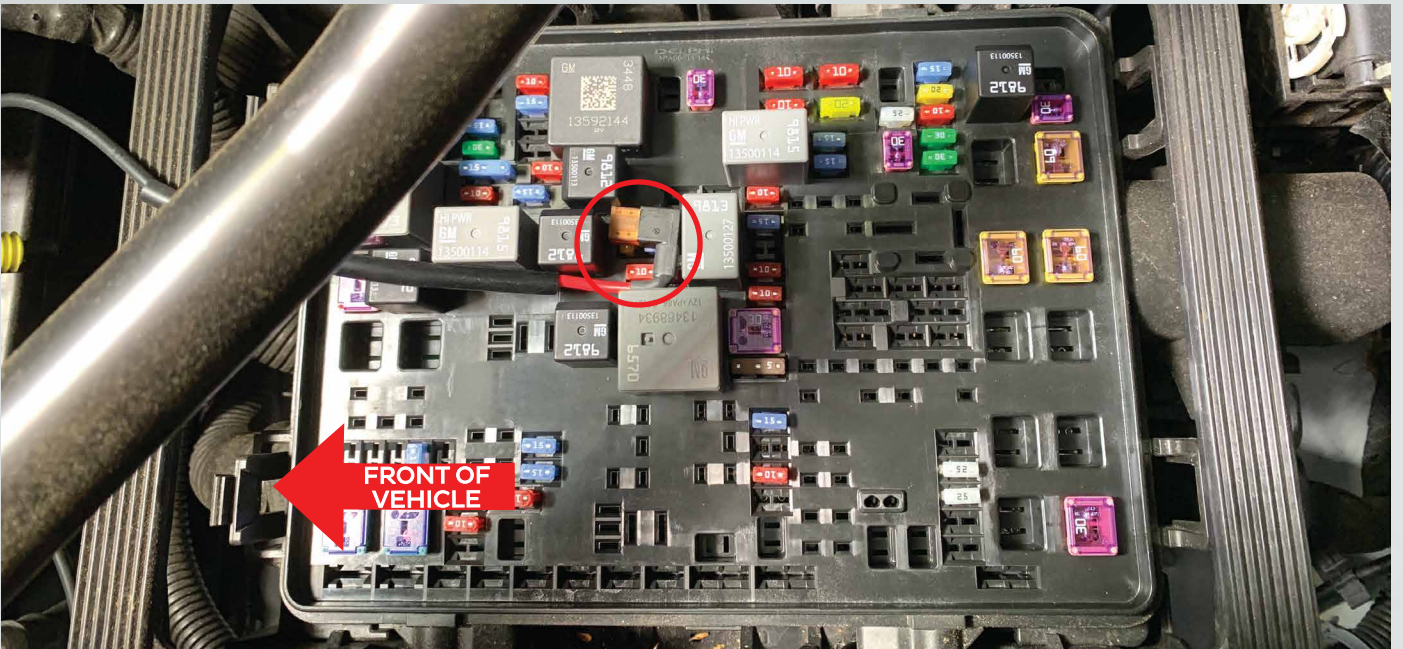
-
- A close-up photograph of the rear of a car headlight assembly. The assembly is made of dark grey plastic and is mounted on a wooden surface. Two screws are highlighted with red circles, indicating the points for removal. The text 'LH2 22869172 >P81+Gf30<' is visible on the plastic housing.

-
- The image shows a black plastic fuse block with a grid of numbered white boxes for fuses. A hand is using a screwdriver to remove a fuse from box 9. The fuse block is populated with fuses of various sizes, including 15A, 20A, 30A, 40A, 50A, 60A, 70A, 80A, 90A, 100A, 120A, 150A, 200A, 250A, 300A, 350A, 400A, 450A, 500A, 550A, 600A, 650A, 700A, 750A, 800A, 850A, 900A, 950A, 1000A, 1050A, 1100A, 1150A, 1200A, 1250A, 1300A, 1350A, 1400A, 1450A, 1500A, 1550A, 1600A, 1650A, 1700A, 1750A, 1800A, 1850A, 1900A, 1950A, 2000A, 2050A, 2100A, 2150A, 2200A, 2250A, 2300A, 2350A, 2400A, 2450A, 2500A, 2550A, 2600A, 2650A, 2700A, 2750A, 2800A, 2850A, 2900A, 2950A, 3000A, 3050A, 3100A, 3150A, 3200A, 3250A, 3300A, 3350A, 3400A, 3450A, 3500A, 3550A, 3600A, 3650A, 3700A, 3750A, 3800A, 3850A, 3900A, 3950A, 4000A, 4050A, 4100A, 4150A, 4200A, 4250A, 4300A, 4350A, 4400A, 4450A, 4500A, 4550A, 4600A, 4650A, 4700A, 4750A, 4800A, 4850A, 4900A, 4950A, 5000A, 5050A, 5100A, 5150A, 5200A, 5250A, 5300A, 5350A, 5400A, 5450A, 5500A, 5550A, 5600A, 5650A, 5700A, 5750A, 5800A, 5850A, 5900A, 5950A, 6000A, 6050A, 6100A, 6150A, 6200A, 6250A, 6300A, 6350A, 6400A, 6450A, 6500A, 6550A, 6600A, 6650A, 6700A, 6750A, 6800A, 6850A, 6900A, 6950A, 7000A, 7050A, 7100A, 7150A, 7200A, 7250A, 7300A, 7350A, 7400A, 7450A, 7500A, 7550A, 7600A, 7650A, 7700A, 7750A, 7800A, 7850A, 7900A, 7950A, 8000A, 8050A, 8100A, 8150A, 8200A, 8250A, 8300A, 8350A, 8400A, 8450A, 8500A, 8550A, 8600A, 8650A, 8700A, 8750A, 8800A, 8850A, 8900A, 8950A, 9000A, 9050A, 9100A, 9150A, 9200A, 9250A, 9300A, 9350A, 9400A, 9450A, 9500A, 9550A, 9600A, 9650A, 9700A, 9750A, 9800A, 9850A, 9900A, 9950A, 10000A, 10050A, 10100A, 10150A, 10200A, 10250A, 10300A, 10350A, 10400A, 10450A, 10500A, 10550A, 10600A, 10650A, 10700A, 10750A, 10800A, 10850A, 10900A, 10950A, 11000A, 11050A, 11100A, 11150A, 11200A, 11250A, 11300A, 11350A, 11400A, 11450A, 11500A, 11550A, 11600A, 11650A, 11700A, 11750A, 11800A, 11850A, 11900A, 11950A, 12000A, 12050A, 12100A, 12150A, 12200A, 12250A, 12300A, 12350A, 12400A, 12450A, 12500A, 12550A, 12600A, 12650A, 12700A, 12750A, 12800A, 12850A, 12900A, 12950A, 13000A, 13050A, 13100A, 13150A, 13200A, 13250A, 13300A, 13350A, 13400A, 13450A, 13500A, 13550A, 13600A, 13650A, 13700A, 13750A, 13800A, 13850A, 13900A, 13950A, 14000A, 14050A, 14100A, 14150A, 14200A, 14250A, 14300A, 14350A, 14400A, 14450A, 14500A, 14550A, 14600A, 14650A, 14700A, 14750A, 14800A, 14850A, 14900A, 14950A, 15000A, 15050A, 15100A, 15150A, 15200A, 15250A, 15300A, 15350A, 15400A, 15450A, 15500A, 15550A, 15600A, 15650A, 15700A, 15750A, 15800A, 15850A, 15900A, 15950A, 16000A, 16050A, 16100A, 16150A, 16200A, 16250A, 16300A, 16350A, 16400A, 16450A, 16500A, 16550A, 16600A, 16650A, 16700A, 16750A, 16800A, 16850A, 16900A, 16950A, 17000A, 17050A, 17100A, 17150A, 17200A, 17250A, 17300A, 17350A, 17400A, 17450A, 17500A, 17550A, 17600A, 17650A, 17700A, 17750A, 17800A, 17850A, 17900A, 17950A, 18000A, 18050A, 18100A, 18150A, 18200A, 18250A, 18300A, 18350A, 18400A, 18450A, 18500A, 18550A, 18600A, 18650A, 18700A, 18750A, 18800A, 18850A, 18900A, 18950A, 19000A, 19050A, 19100A, 19150A, 19200A, 19250A, 19300A, 19350A, 19400A, 19450A, 19500A, 19550A, 19600A, 19650A, 19700A, 19750A, 19800A, 19850A, 19900A, 19950A, 20000A, 20050A, 20100A, 20150A, 20200A, 20250A, 20300A, 20350A, 20400A, 20450A, 20500A, 20550A, 20600A, 20650A, 20700A, 20750A, 20800A, 20850A, 20900A, 20950A, 21000A, 21050A, 21100A, 21150A, 21200A, 21250A, 21300A, 21350A, 21400A, 21450A, 21500A, 21550A, 21600A, 21650A, 21700A, 21750A, 21800A, 21850A, 21900A, 21950A, 22000A, 22050A, 22100A, 22150A, 22200A, 22250A, 22300A, 22350A, 22400A, 22450A, 22500A, 22550A, 22600A, 22650A, 22700A, 22750A, 22800A, 22850A, 22900A, 22950A, 23000A, 23050A, 23100A, 23150A, 23200A, 23250A, 23300A, 23350A, 23400A, 23450A, 23500A, 23550A, 23600A, 23650A, 23700A, 23750A, 23800A, 23850A, 23900A, 23950A, 24000A, 24050A, 24100A, 24150A, 24200A, 24250A, 24300A, 24350A, 24400A, 24450A, 24500A, 24550A, 24600A, 24650A, 24700A, 24750A, 24800A, 24850A, 24900A, 24950A, 25000A, 25050A, 25100A, 25150A, 25200A, 25250A, 25300A, 25350A, 25400A, 25450A, 25500A, 25550A, 25600A, 25650A, 25700A, 25750A, 25800A, 25850A, 25900

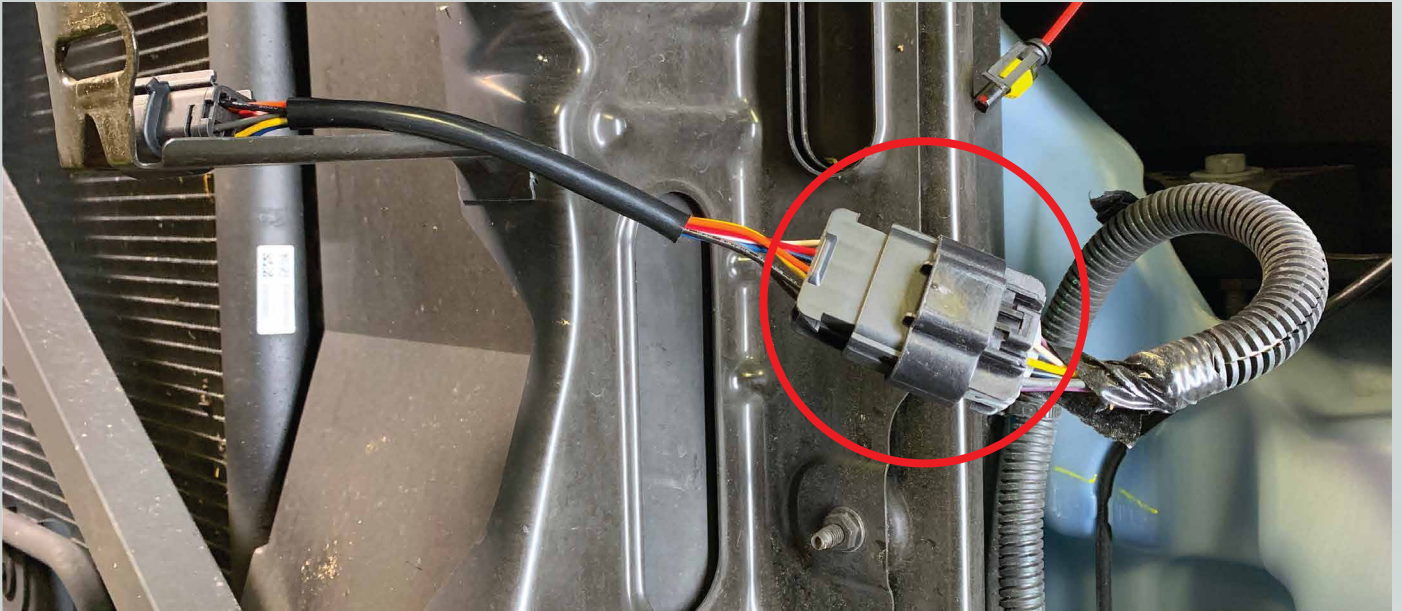
14. Remove fuse #39.



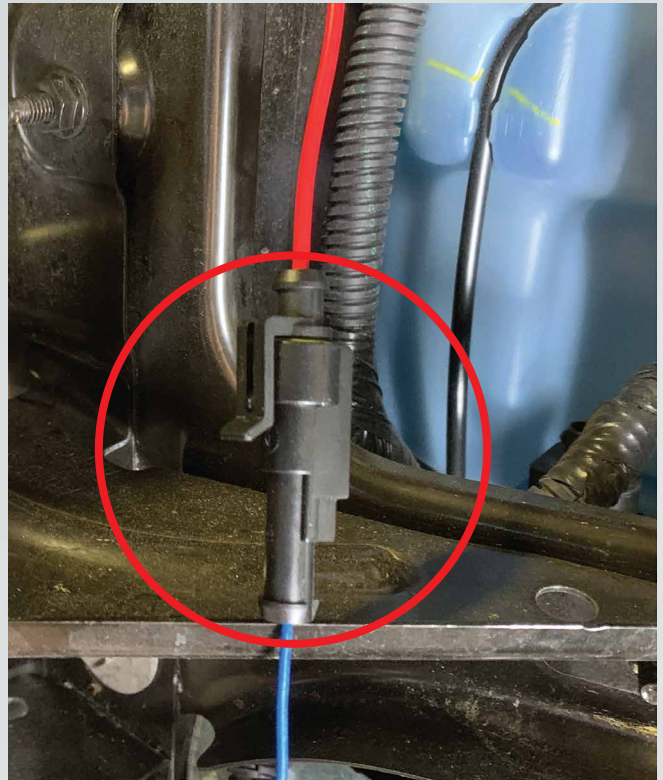
15. Locate the supplied DRL fuse tap harness and plug it in place of fuse #39. Run the longer part of the DRL fuse tap harness to the passenger side and the shorter side to driver side, secure wires to the truck.



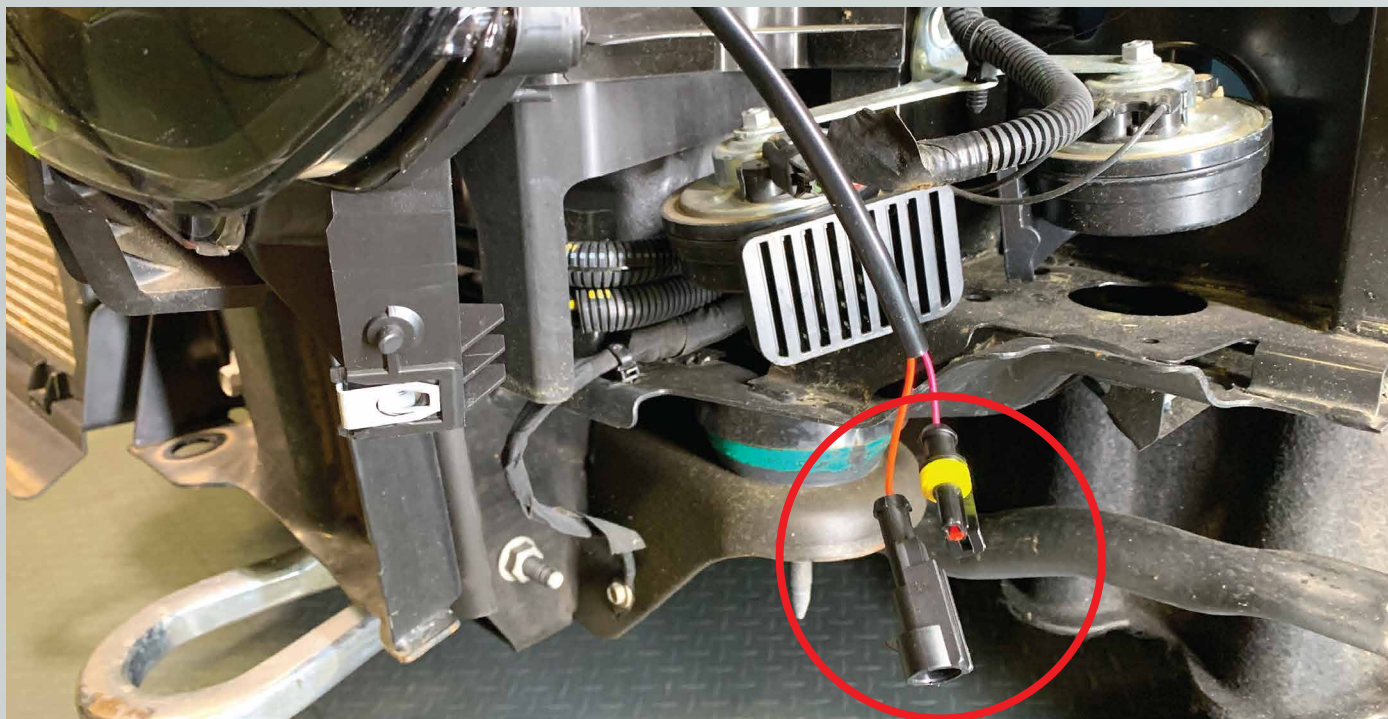
16. Plug in the supplied harness adaptor into the truck's headlight plug.



17. Plug in the connector on the back of the Morimoto headlight into the adaptor's harness from previous step. Plug in the connector with the blue wire into the DRL harness.



18. If you want a sequential turn signal leave these connectors unplugged (as pictured). If you want a solid turn signal connect these plugs into each other.



24. Bolt the headlight to the truck and repeat steps 16-18 on the other side of the truck.

25. Turn the truck on and test to make sure all of the functions work.

26. Reassemble the truck in the reverse order that you took it apart.

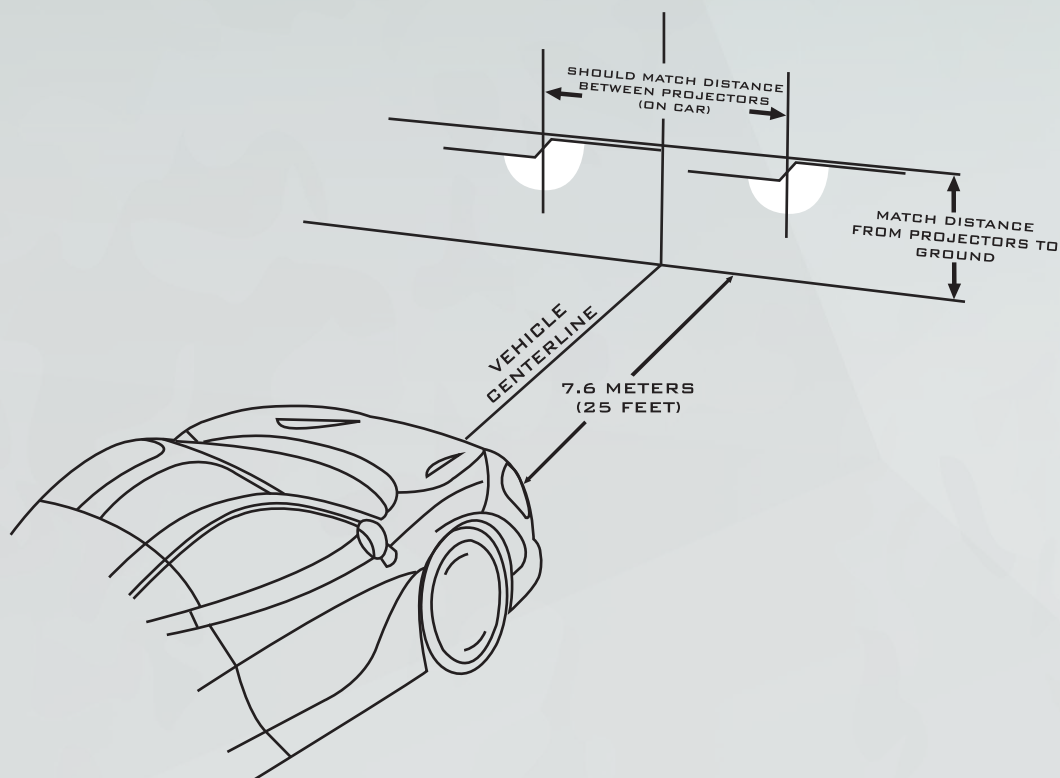
27. For headlight adjustments and aiming go to page 40.

ADJUSTING HEADLIGHT BEAM

- Place a philips screwdriver in this slot. If you rotate to the left the beam will go up. If you rotate to the right the beam will go down.



- Please refer to the aiming standards below when adjusting your headlight beam.



ENJOY YOUR NEW MORIMOTO XB HEADLIGHTS!