



BRIGHT IS ONLY THE BEGINNING

# INSTALL GUIDE

## XBG LED GRILLE: DODGE RAM HD (09-18)

XBG27/XBG28



WARNING: IT IS THE INSTALLERS RESPONSIBILITY TO CONFIRM COMPLIANCE WITH STATE AND LOCAL LAWS. 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.



# XBG LED GRILLE: DODGE RAM HD (09-18)

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## WHAT'S INCLUDED



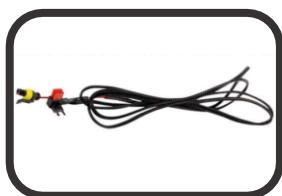
1X GRILLE ASSEMBLY



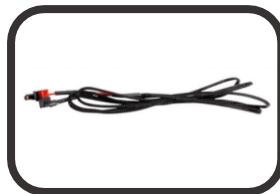
1X OE PROJECTOR HEADLIGHT HARNESS



1X OE REFLECTOR HEADLIGHT HARNESS



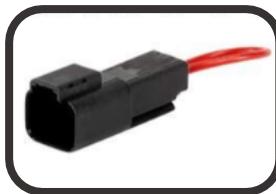
1X MINI FUSE TAP HARNESS



1X MICRO FUSE TAP HARNESS



1X WHITE MODE SELECTOR KEY



1X AMBER MODE SELECTOR KEY

## ADDITIONAL PARTS NEEDED

- 2019-2024 RAM 1500 FRONT EMBLEM  
MOPAR PART NUMBER 68298470AA (BLACK)  
MOPAR PART NUMBER 68311411AA (CHROME)



## REQUIRED TOOLS

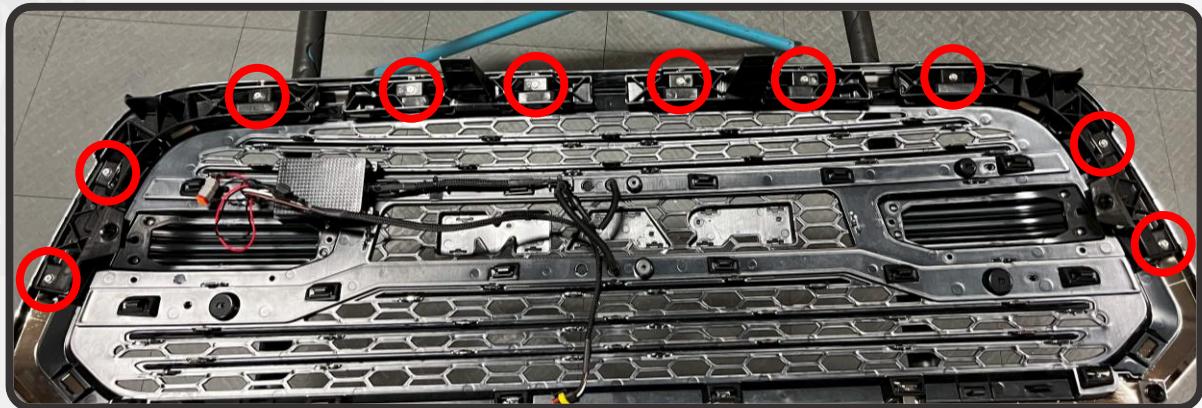
- TRIM REMOVAL TOOL
- RATCHET
- 10MM SOCKET
- PHILLIPS HEAD SCREWDRIVER



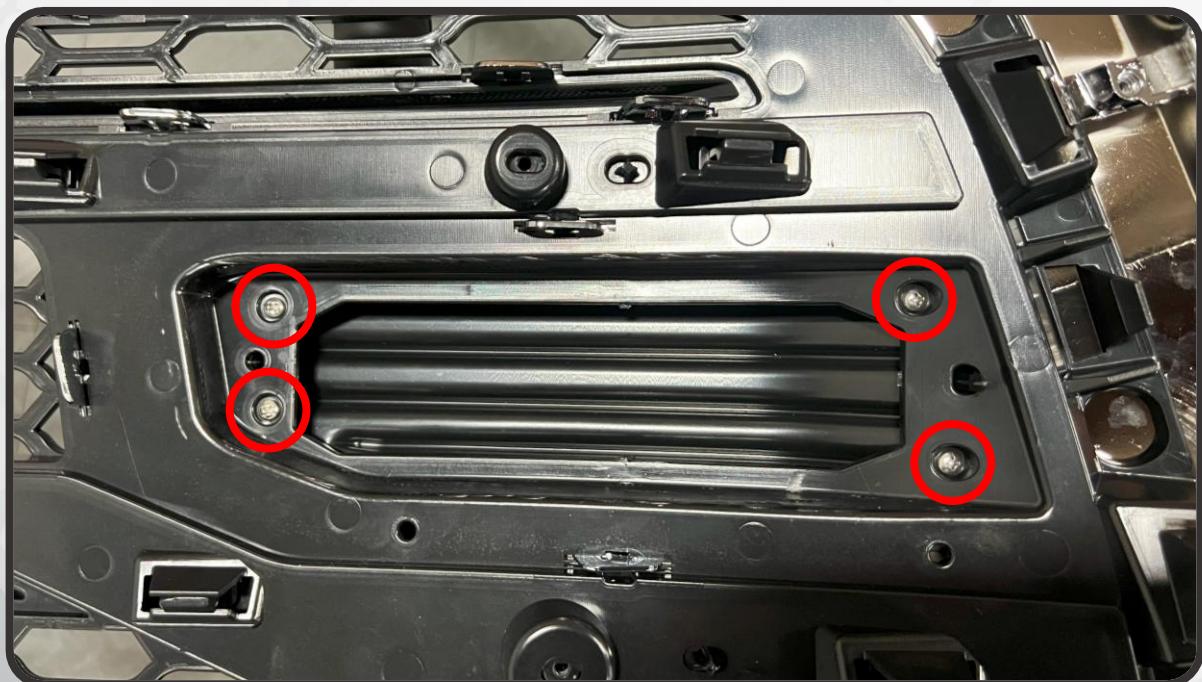
# PAINTABLE-TRIM REMOVAL

FOLLOW THE INSTRUCTIONS BELOW IF YOU ARE REMOVING THE GRILLE TRIM TO PAINT MATCH OR WRAP THEM. IF NOT, SKIP AHEAD TO THE INSTALLATION PROCESS ON PAGE 6

1. SET GRILLE FACE DOWN ON A PADDED STAND OR WORK BENCH
2. REMOVE THE 10 8MM SCREWS THAT SECURE THE FOUR GRILLE MOUNTING BRACKETS TO THE

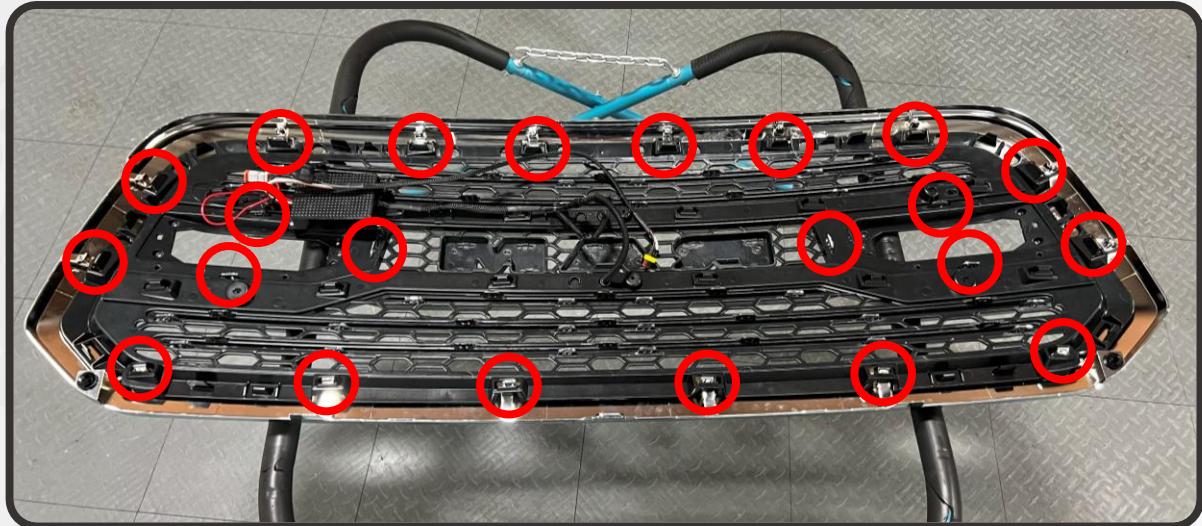


3. REMOVE THE FOUR #2 PHILLIPS HEAD SCREWS THAT SECURE THE TRIM PANEL ON EITHER SIDE



## PAINTABLE-TRIM REMOVAL

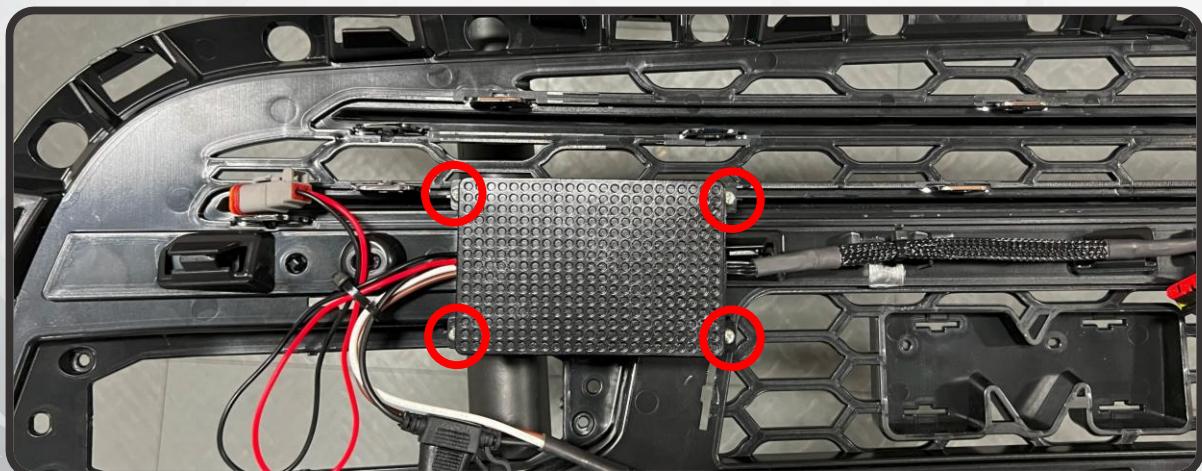
4. USING A PRY TOOL, WORK YOUR WAY AROUND THE GRILLE AND RELEASE THE TWENTY TWO CLIPS THAT SECURE THE OUTER GRILLE TRIM TO THE GRILLE STRUCTURE. SET THE OUTER GRILLE TRIM ASIDE ONCE REMOVED



RELEASE THE CLIPS BY CAREFULLY PRYING BACK  
THE TAB SO IT RELEASES FROM THE GRILLE  
STRUCTURE WITH A PRY TOOL

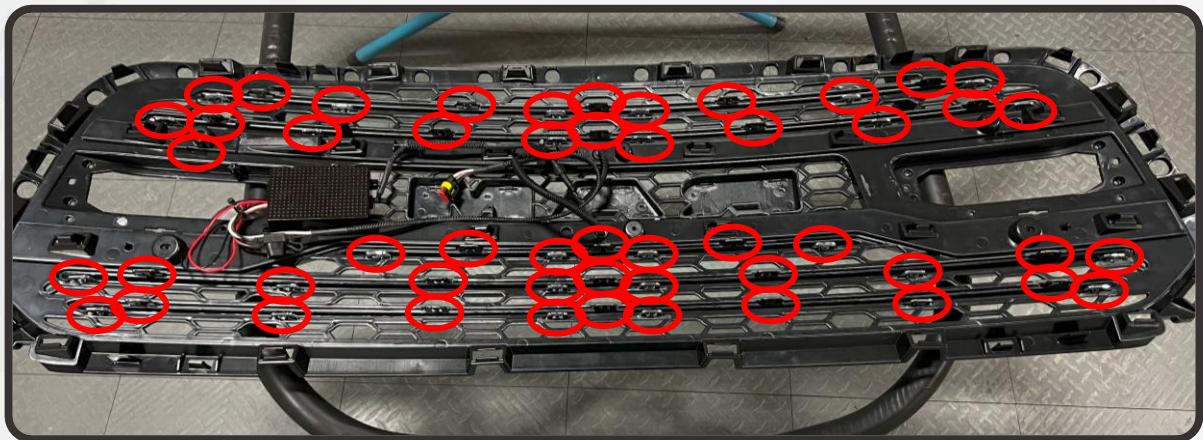


5. REMOVE THE FOUR PHILLIPS HEAD SCREWS THAT SECURE THE LED DRIVER TO THE BACK OF THE GRILLE STRUCTURE AND MOVE IT TO THE SIDE



## PAINTABLE-TRIM REMOVAL

6. REMOVE THE FIVE INNER TRIM PIECES BY RELEASING THE CLIPS THAT SECURE EACH (ELEVEN ON THE TOP TWO, SEVEN ON THE MIDDLE STRIP, AND ELEVEN ON THE BOTTOM TWO)



USE A PRY TOOL TO CAREFULLY PRY IN ON THE CENTER PORTION OF THE CLIP. ONLY PRY IN ENOUGH TO RELEASE THE CLIP, AS EXCESSIVE FORCE CAN BREAK THE TAB



# DISASSEMBLY

THIS DOCUMENT IS MEANT TO SERVE AS A GENERAL GUIDE FOR VEHICLE DISASSEMBLY AND PRODUCT INSTALLATION. WHILE WE TRY TO COVER THE PROCESS AS THOROUGHLY AS POSSIBLE, YOUR EXPERIENCE MAY DIFFER SLIGHTLY DUE TO DIFFERENCES BETWEEN YEARS, TRIM PACKAGES, OPTIONS, OR AFTERMARKET PARTS INSTALLED.

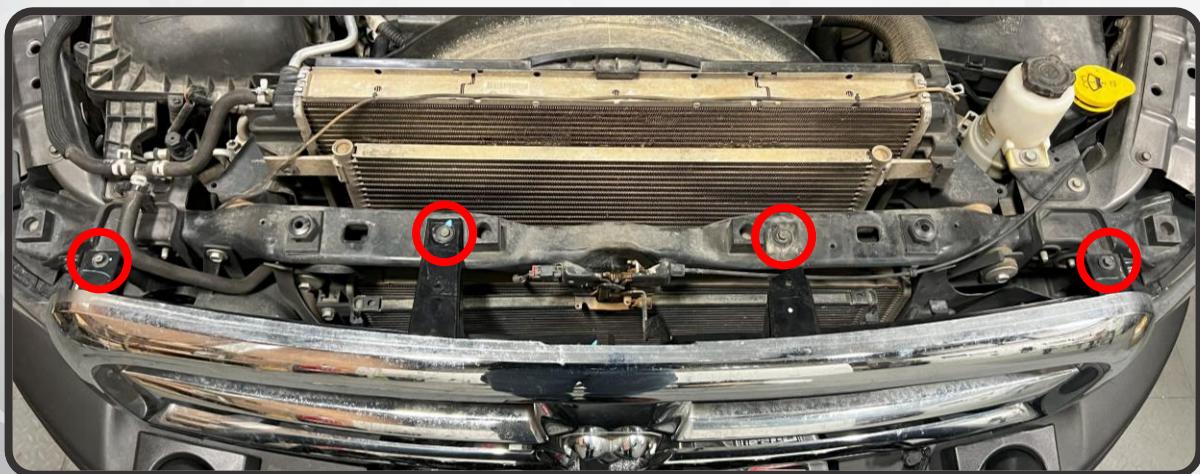
VEHICLE USED IN THIS GUIDE:

2014 RAM 2500HD

1. RAISE THE HOOD OF THE VEHICLE
2. USING A TRIM REMOVAL PRY TOOL, REMOVE THE FOUR PLASTIC PUSH CLIPS THAT SECURE THE PLASTIC RADIATOR SHROUD TO THE VEHICLE. ONCE THE CLIPS ARE REMOVED, REMOVE THE SHROUD AND SET IT ASIDE

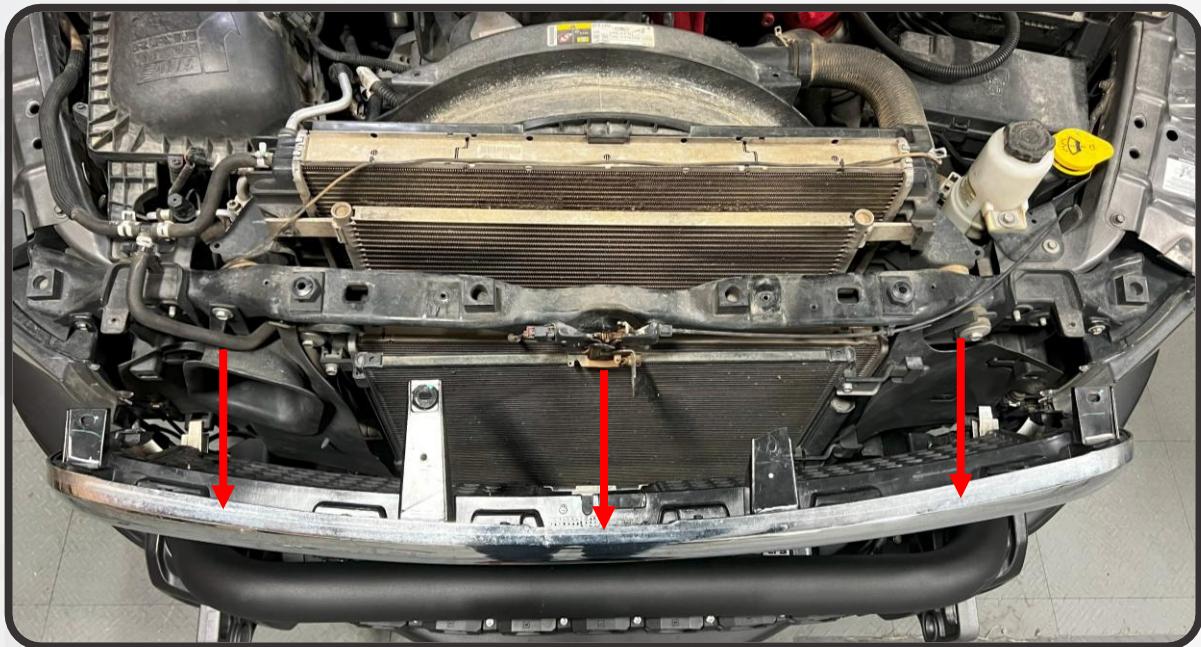


3. REMOVE THE FOUR 10MM BOLTS THAT SECURE THE TOP OF THE GRILLE TO THE UPPER RADIATOR SUPPORT



# DISASSEMBLY

4. PULL THE FRONT GRILLE ASSEMBLY FORWARD WITH MODERATE FORCE TO RELEASE THE FOUR CLIPS THAT SECURE IT TO THE TRUCK. ONCE IT IS RELEASED, REMOVE THE GRILLE FROM THE TRUCK AND SET IT ASIDE



5. REMOVE THE TWO 10MM BOLTS THAT SECURE THE INNER CORNERS OF THE DRIVER-SIDE HEADLIGHT HOUSING

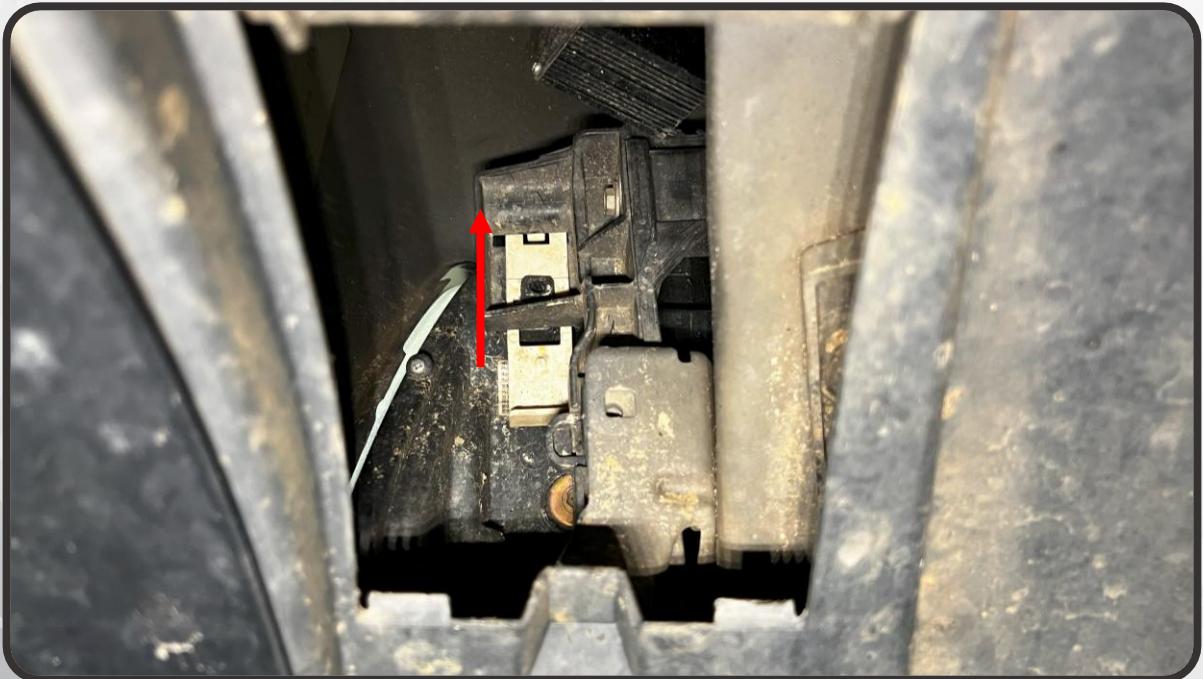


# DISASSEMBLY

- MOVING TO THE DRIVER-SIDE WHEEL WELL, OPEN THE ACCESS PANEL ON THE FENDER LINER



- REACH THROUGH THE ACCESS PANEL AND SLIDE THE WHITE CLIP UPWARDS INTO THE "UNLOCKED" POSITION



## DISASSEMBLY

8. FIRMLY PULL THE HEADLIGHT FORWARD TO RELEASE IT FROM THE TRUCK. DISCONNECT THE CONNECTOR(S) ON THE BACK OF THE HOUSING, AND SET THE LIGHT ASIDE

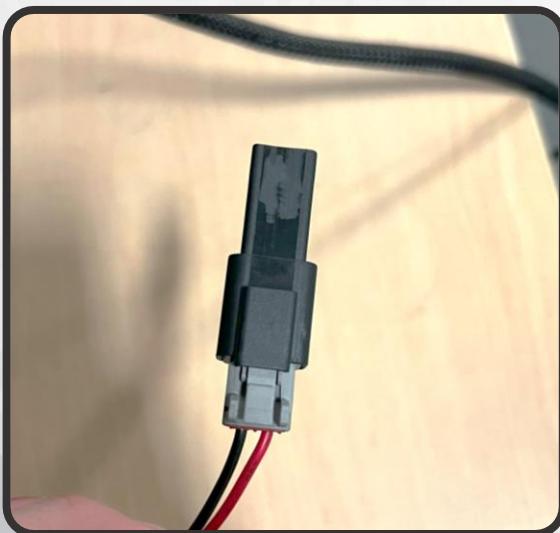


## GRILLE SETUP

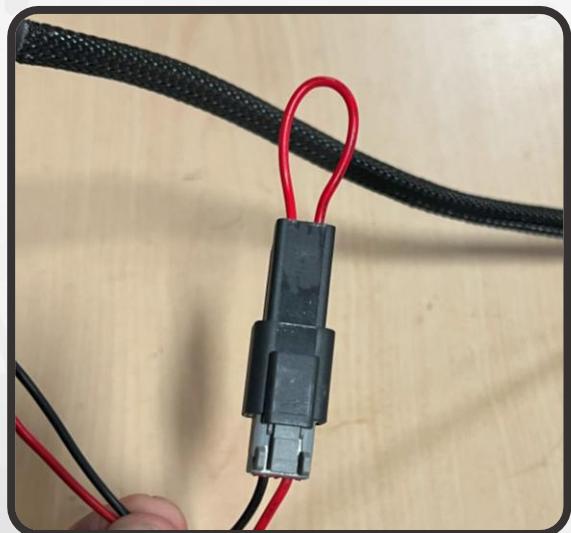
9. INSTALL MOPAR PART NUMBER 68298470AA (BLACK) OR 68311411AA (CHROME) (SOLD SEPARATELY) ONTO THE FRONT OF THE NEW GRILLE ASSEMBLY AS SHOWN



10. FLIPPING THE GRILLE OVER, INSTALL YOUR PREFERRED COLOR SELECTOR KEY ONTO THE PLUG AS SHOWN BELOW



WHITE ILLUMINATION

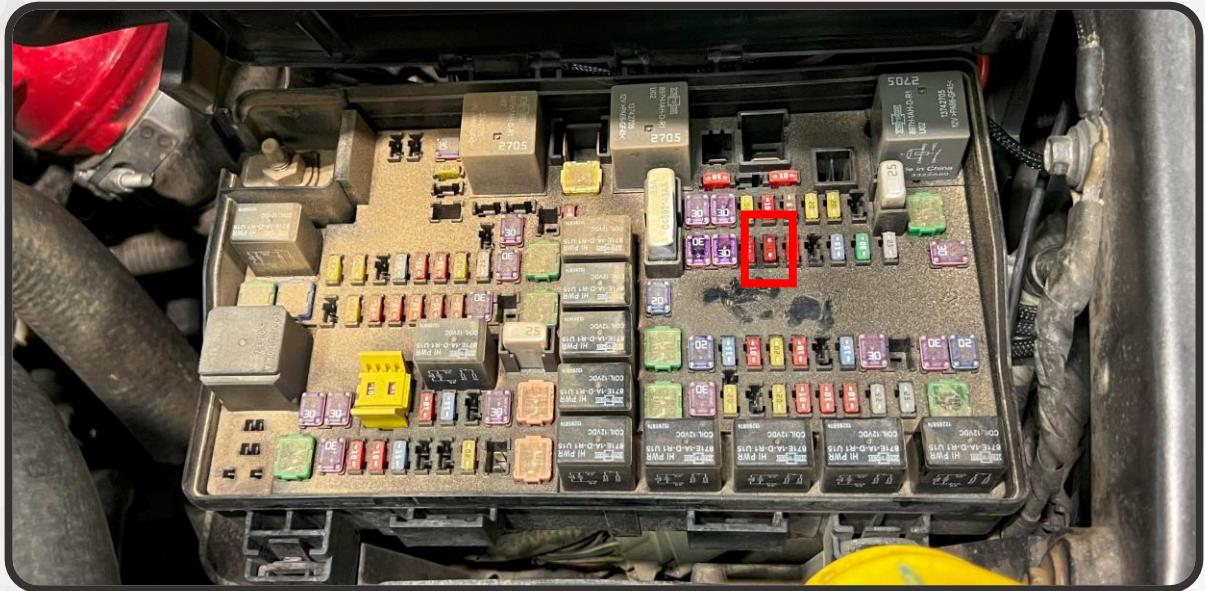


AMBER ILLUMINATION



# INSTALLATION

11. OPEN THE LID TO THE FUSE BOX LOCATED IN THE ENGINE BAY
12. LOCATE AND REMOVE THE 10A FUSE IN THE F66 "SUNROOF/LRSM" SLOT ('09-'12 MODEL YEAR TRUCKS HAVE A DIFFERENT FUSE BOX. USE FUSE SLOT M6 OR M19)



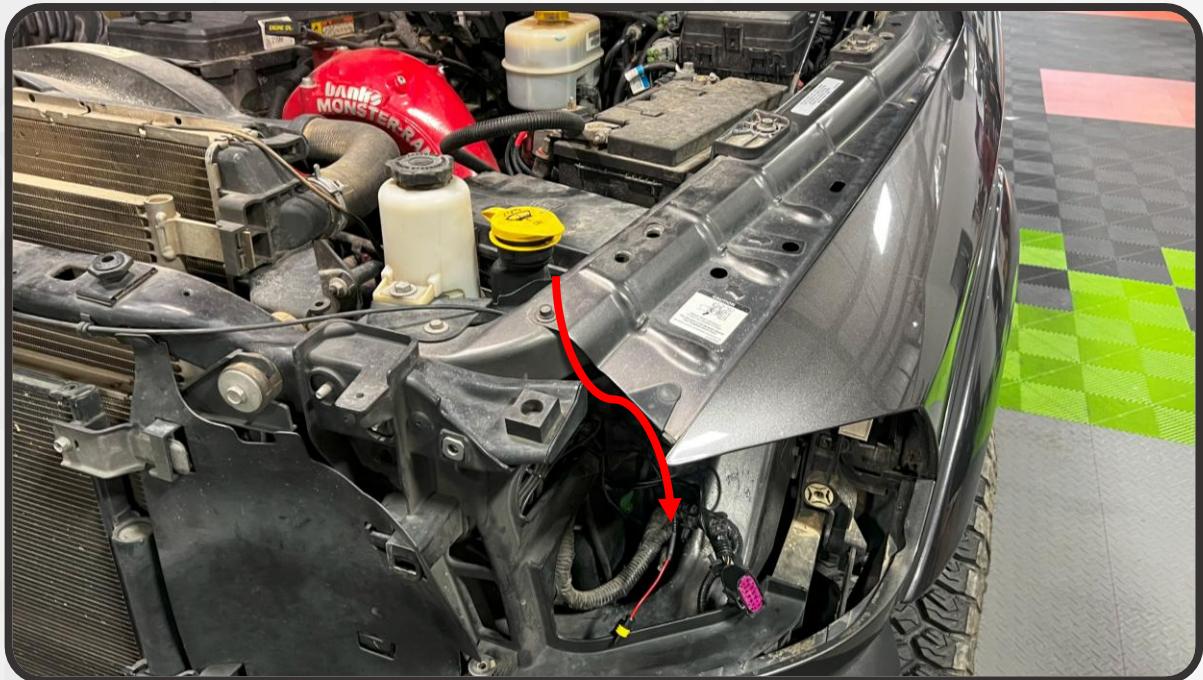
13. INSTALL THE PROVIDED MICRO FUSE TAP INTO THE F66 FUSE SLOT (USE THE MINI FUSE TAP FOR '09-'12 MODEL YEAR TRUCKS)

NOTE: IF YOU ARE ALSO INSTALLING THE MORIMOTO XB HEADLIGHTS, THE HEADLIGHT FUSE TAP CAN BE USED FOR BOTH THE HEADLIGHTS AND THE GRILLE



# INSTALLATION

## 14. ROUTE THE FUSE TAP HARNESS FORWARD TO THE DRIVER-SIDE HEADLIGHT CAVITY



## 15. CONNECT THE GRILLE HARNESS TO THE HEADLIGHT CONNECTOR(S) AND FUSER TAP HARNESS AS SHOWN. LEAVE THE SINGLE-PIN CONNECTOR UN-CAPPED IF YOU ARE INSTALLING THE MORIMOTO XB HEADLIGHTS, OR CAP IT OFF WITH THE PROVIDED COVER IF NOT



# INSTALLATION

16. LIFT THE DRIVER-SIDE HEADLIGHT UP TO THE CAVITY AND CONNECT THE HEADLIGHT CONNECTOR(S) TO THE HEADLIGHT HOUSING

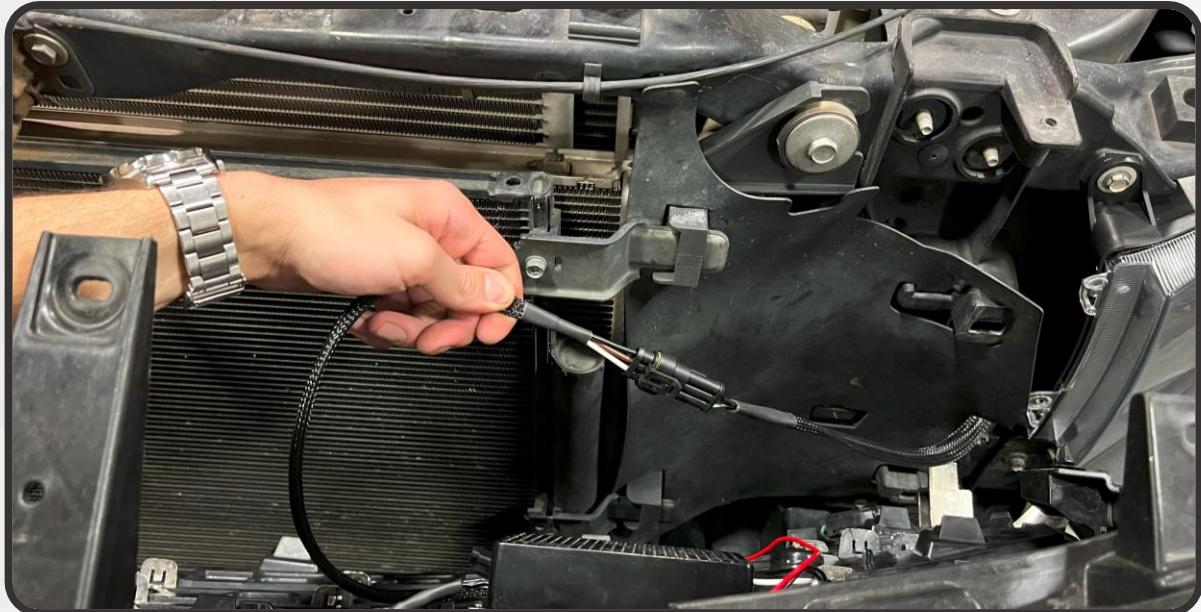


17. REINSTALL THE DRIVER-SIDE HEADLIGHT, MAKING SURE NOT TO GET ANY OF THE WIRING PINCHED OR CAUGHT BEHIND THE HEADLIGHT. LEAVE THE OUTPUT ON THE GRILLE HANGING IN THE FRONT OF THE LIGHT AS SHOWN TO BE CONNECTED TO THE GRILLE



# INSTALLATION

18. LIFT THE GRILLE ASSEMBLY UP TO THE FRONT OF THE VEHICLE AND CONNECT THE GRILLE TO THE GRILLE ADAPTER HARNESS



19. INSTALL THE NEW GRILLE ONTO THE TRUCK BY POPPING THE PLASTIC CLIPS INTO PLACE, THEN SECURING IT USING THE FOUR FACTORY 10MM BOLTS
20. GET IN THE TRUCK AND CONFIRM THAT ALL FUNCTIONS ARE WORKING PROPERLY
21. REINSTALL THE FACTORY RADIATOR COVER. THE COLOR SELECTOR HARNESS CAN BE ROUTED UP TO THE TOP OF THE GRILLE AND SECURED FOR EASY ACCESS IF YOU DECIDE TO CHANGE COLORS LATER

