



THE AUTOMOTIVE LIGHTING BENCHMARK

INSTALL GUIDE

PORSCHE 993 XB LED HEADLIGHTS



WARNING: IT IS THE INSTALLER'S 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.

IMPORTANT: IF YOUR VEHICLE IS EQUIPPED WITH ANYTHING BUT MORIMOTO OR OEM TAILLIGHTS, SIDE MARKERS OR OTHER OEM EXTERIOR LIGHTING; 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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PACKAGE CONTENTS



1X PAIR OF HEADLIGHTS
(CLASSIC OR MODERN WHITE)



FUSE TAP HARNESS



HID BALLAST BYPASS
WIRES



DIELECTRIC GREASE



HEAT SHRINK

REQUIRED TOOLS

- #2 PHILLIPS HEAD SCREWDRIVER
-
- REQUIRED FOR HID EQUIPPED CARS ONLY-
- RATCHET WITH 10MM SOCKET AND EXTENSION
 - HEAT GUN

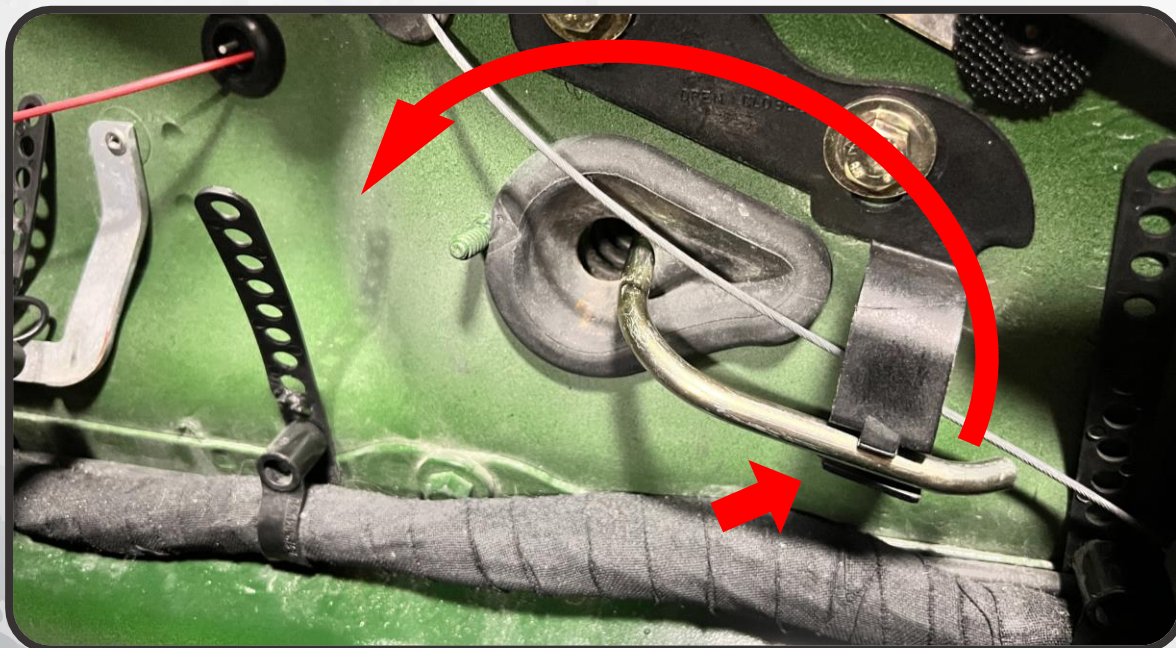


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1. BEGIN BY OPENING THE HOOD AND PULLING BACK THE LINER FROM ALONG THE INNER FENDER

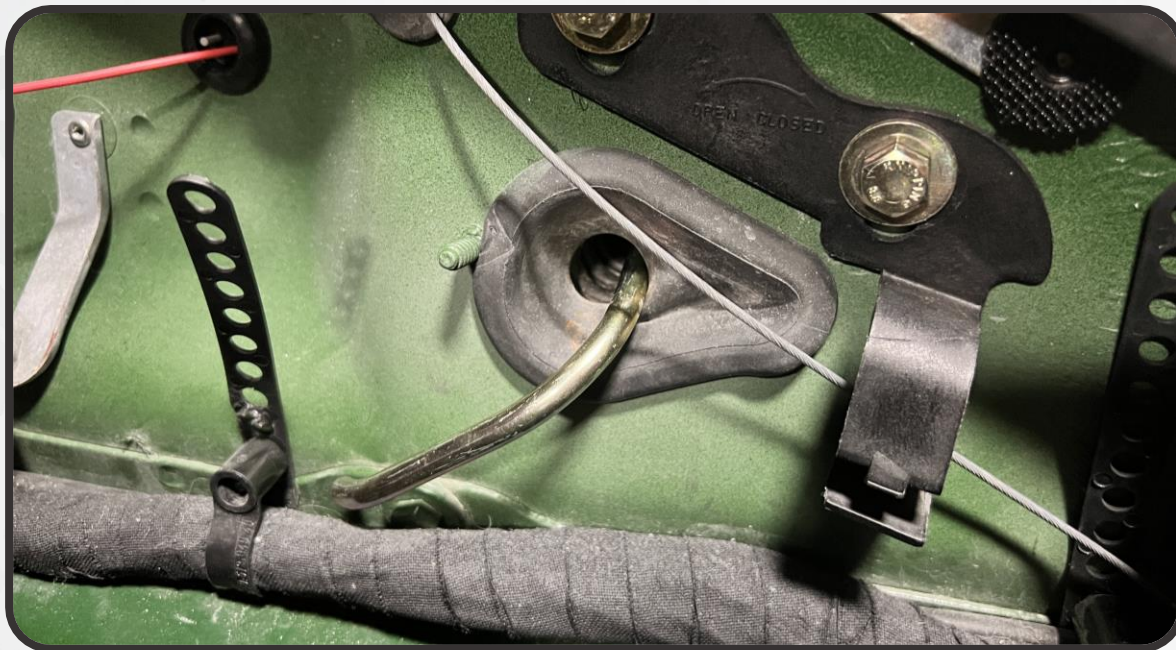


2. WITH THE LINER OUT OF THE WAY, DEPRESS THE BLACK TAB SECURING THE HEADLIGHT LATCH AND ROTATE THE LATCH TOWARDS THE BACK OF THE CAR

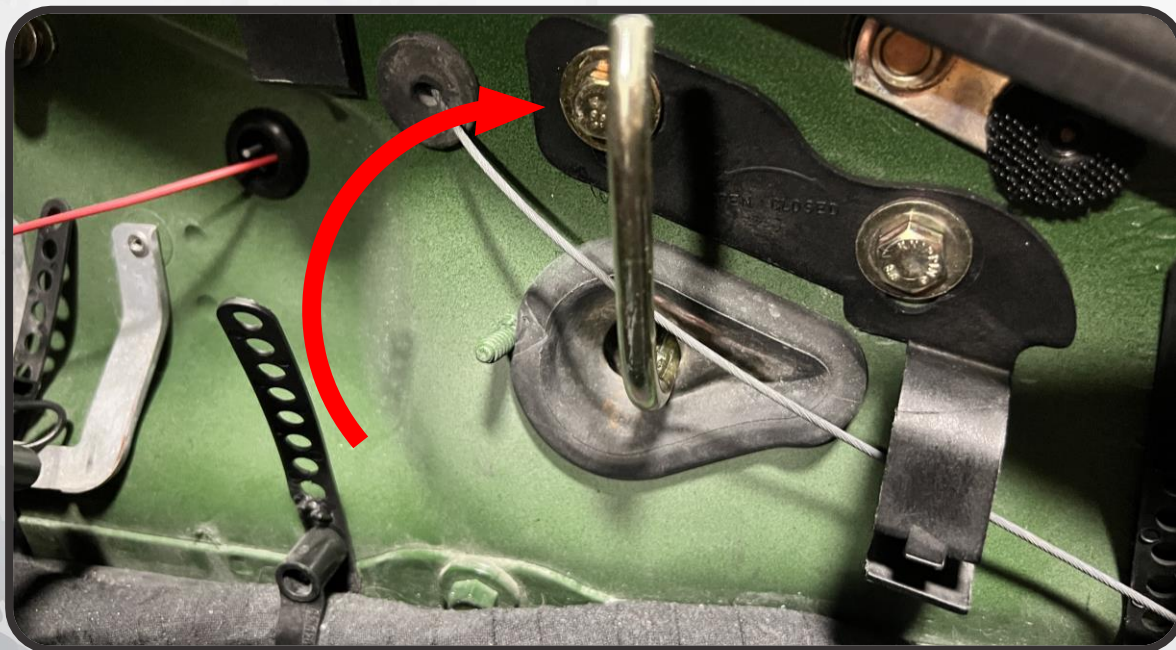


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3. ROTATE THE LATCH UNTIL IT IS UN THE POSITION SHOWN BELOW, FULLY RELEASING THE HEADLIGHT



4. ONCE THE HEADLIGHT IS FULLY RELEASED, ROTATE IT BACK TO THE "MIDDLE" POSITION SHOWN BELOW, ALLOWING FOR THE HEADLIGHT TO BE REMOVED



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5. GRAB THE FRONT LENS OF THE HEADLIGHT AND SLIDE IT STRAIGHT FORWARD TO REMOVE IT FROM THE CAR



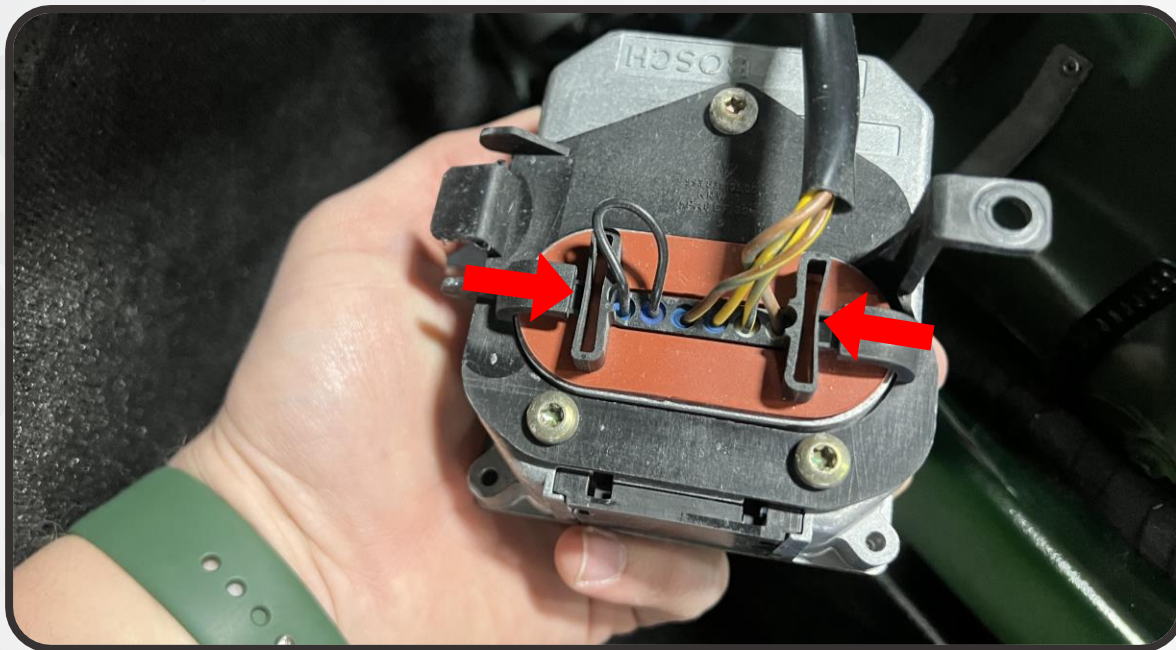
- IF YOUR CAR IS EQUIPPED WITH FACTORY HID HEADLIGHTS, FOLLOW THE STEPS BELOW. IF YOUR CAR CAME EQUIPPED WITH HALOGEN HEADLIGHTS, SKIP TO STEP #9

6. REMOVE THE 10MM BOLT SECURING THE HID BALLAST TO THE BODY OF THE CAR AND REMOVE THE BALLAST FROM THE BRACKET



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- UNPLUG THE CONNECTOR ON THE BACK OF THE BALLAST BY PRESSING IN ON THE SIDES OF THE CONNECTOR AND SIMULTANEOUSLY PULLING THE CONNECTOR OUT

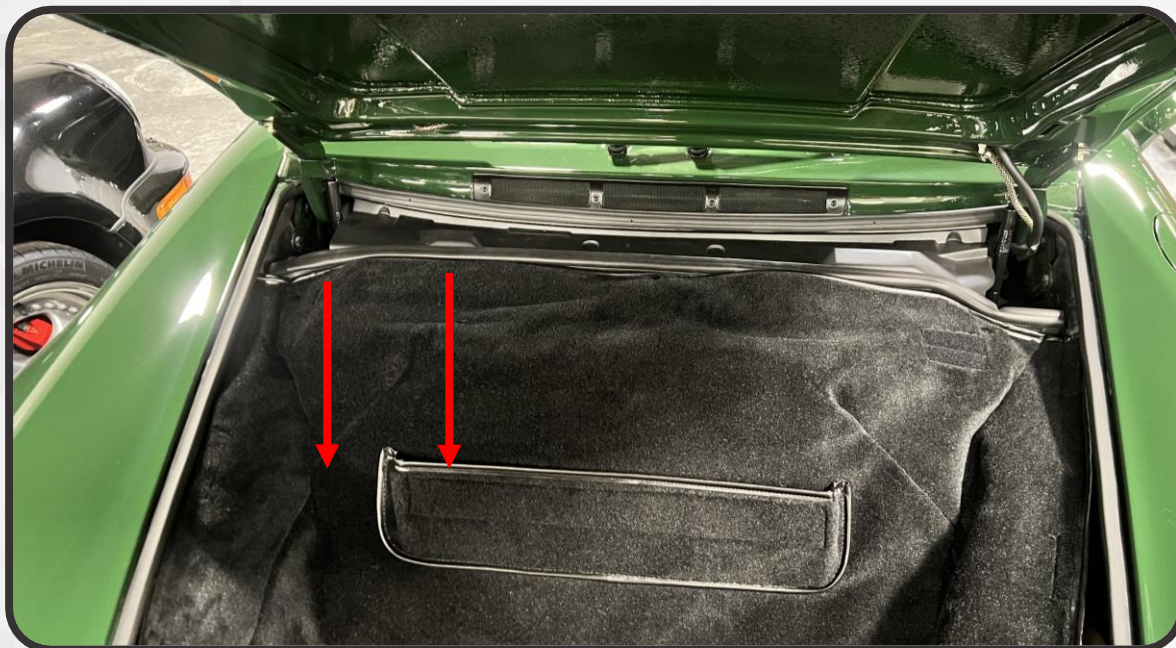


- PLUG IN THE BALLAST BYPASS WIRES AS SHOWN BELOW. SLIP THE SUPPLIED HEAT SHRINK OVER THE BYPASS WIRES AND CONNECTOR, AND HEAT WITH A HEAT GUN ON LOW HEAT TO SHRINK IT

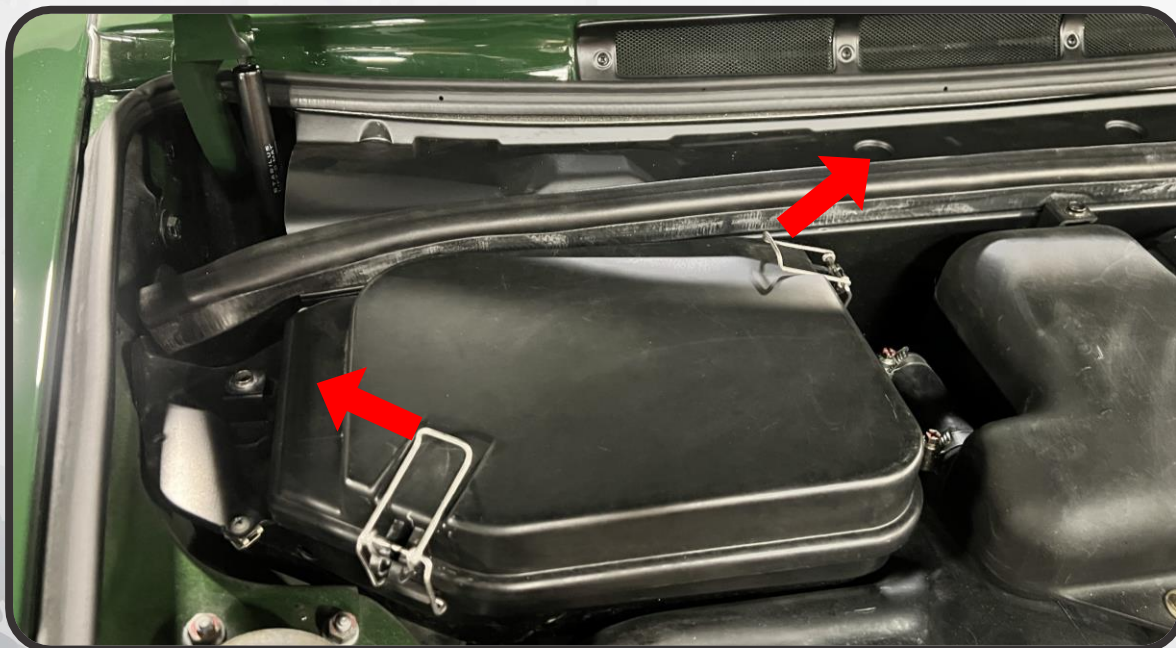


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9. REPEAT STEPS 1-8 ON THE OPPOSITE SIDE OF THE CAR
10. PULL THE LINER ON THE RIGHT SIDE OF THE CAR FORWARD, EXPOSING THE FUSE BOX

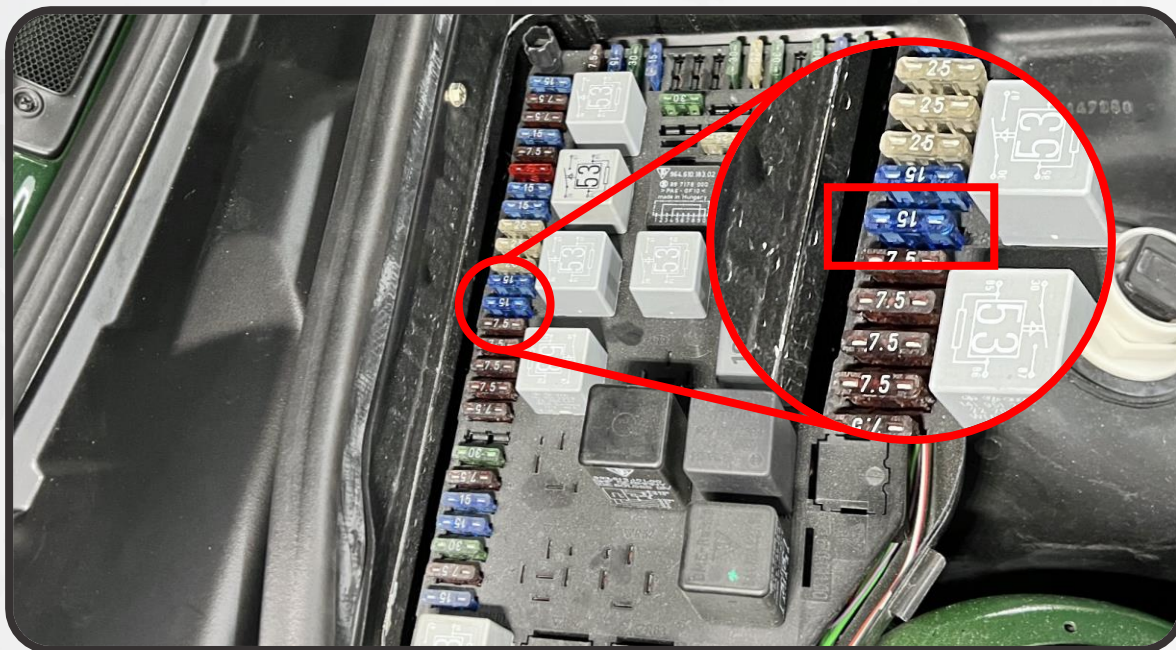


11. UNLATCH THE FUSE BOX COVER AND REMOVE IT



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12. REMOVE THE 15A FUSE FROM FUSE SLOT #28

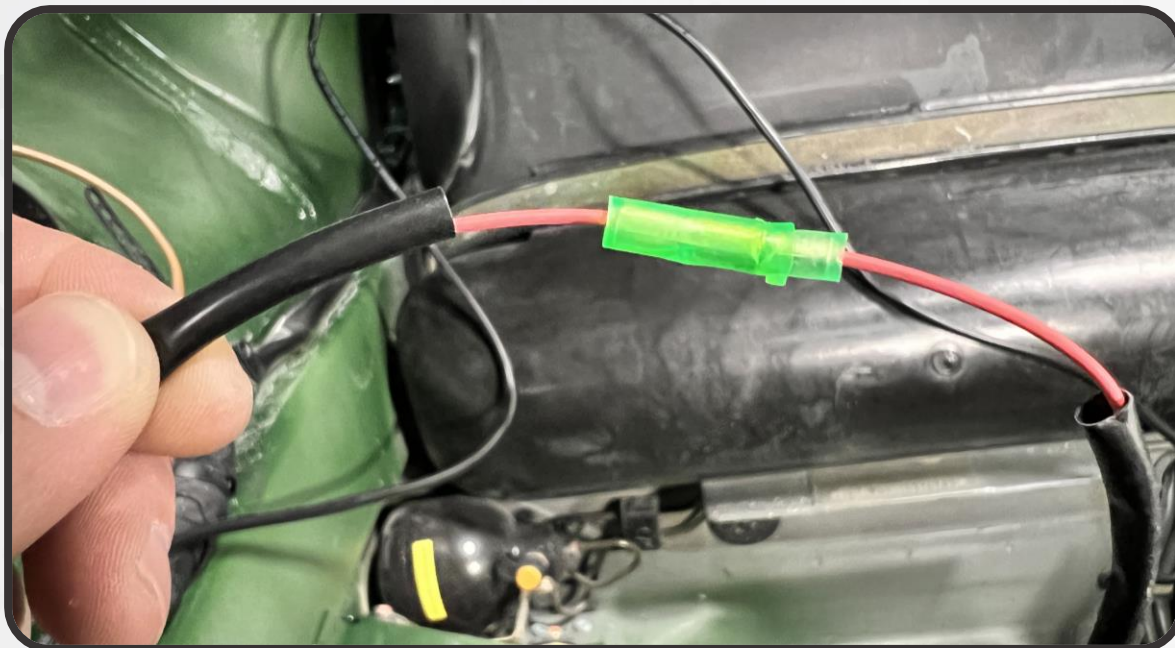


13. PLUG THE SUPPLIED FUSE TAP HARNESS INTO THE NOW-EMPTY #28 FUSE SLOT. RUN THE LONGER LEG OF THE HARNESS BEHIND THE LINING TO THE DRIVER SIDE HEADLIGHT LATCH, AND THE SHORTER LEG BEHIND THE LINING TO THE PASSENGER SIDE HEADLIGHT LATCH

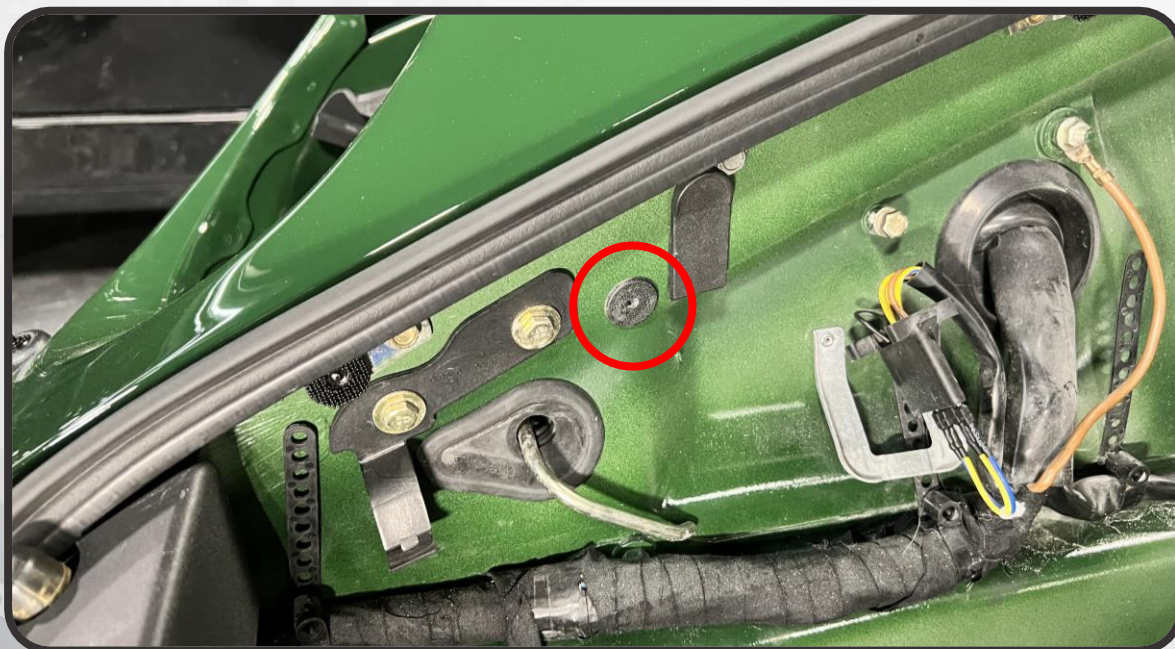


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14. DISCONNECT THE ENDS OF THE DRL HARNESS

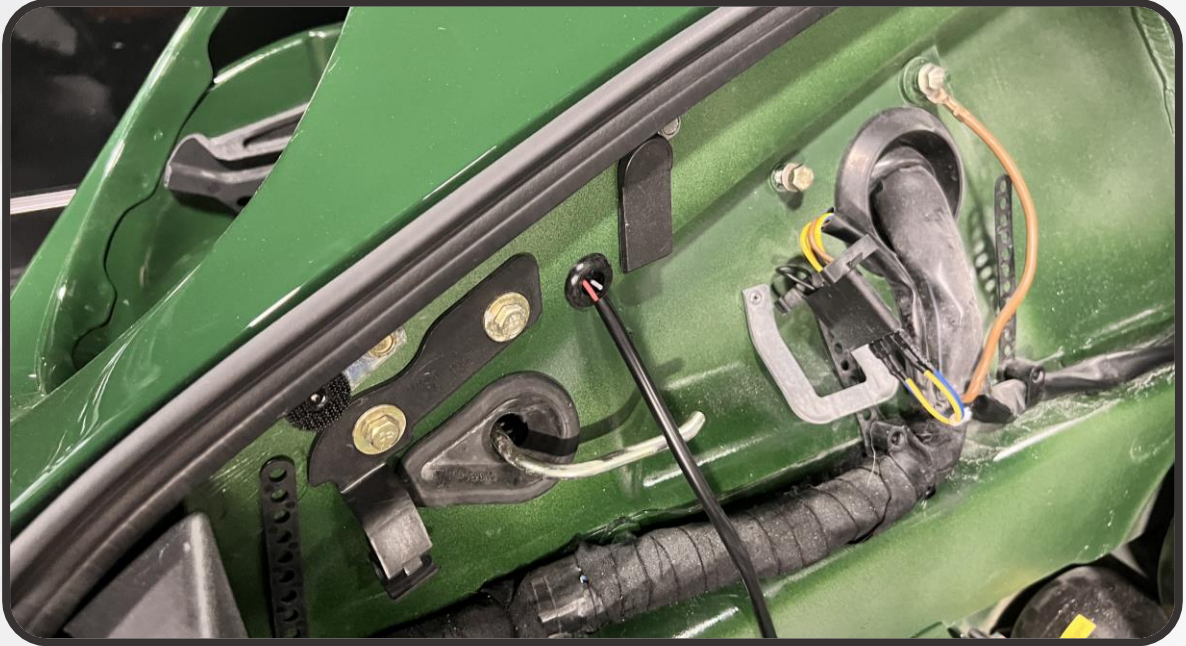


15. REMOVE THE GROMMET CIRCLED BELOW. IF YOUR CAR DOES NOT HAVE THIS GROMMET, IT SHOULD HAVE A SIMILAR GROMMET NEARBY. THE DRL HARNESS COMES WITH TWO DIFFERENT SIZED GROMMETS INSTALLED DEPENDING ON WHICH ONE YOU ARE REPLACING



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16. SNAKE THE HARNESS THROUGH THE HOLE AND PULL IT OUT THROUGH THE HEADLIGHT OPENING. SECURE THE APPROPRIATE GROMMET IN THE HOLE



17. RECONNECT THE END OF THE DRL HARNESS.

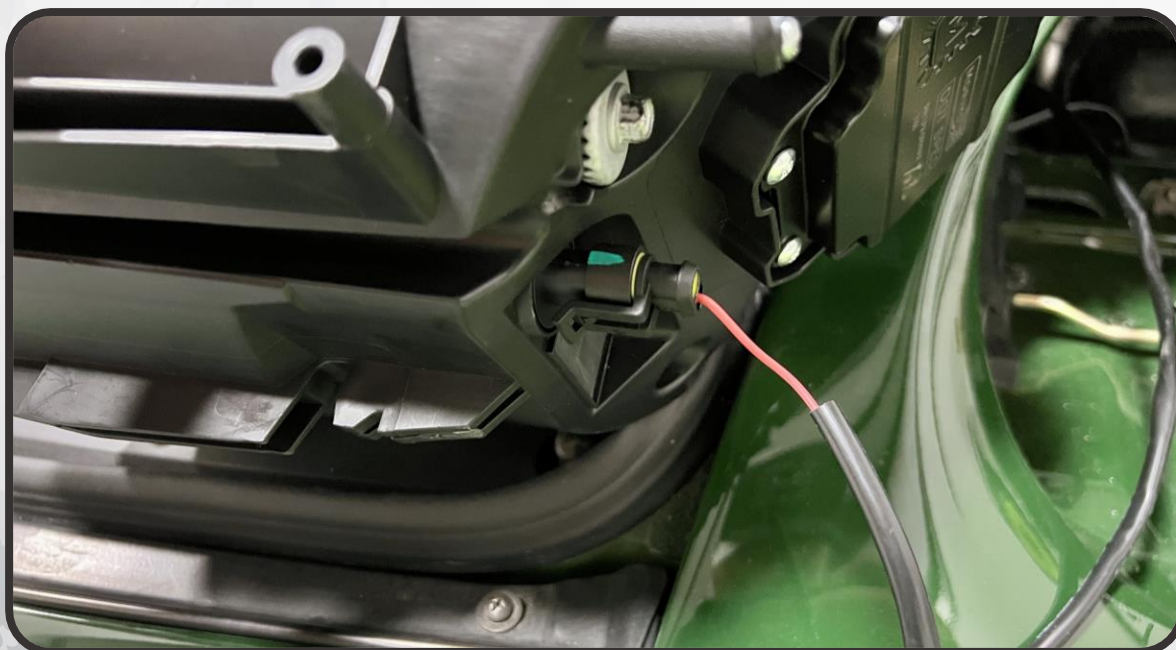


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18. USING THE SUPPLIED GREASE, APPLY A SMALL AMOUNT OF GREASE TO THE SEAL ON THE HEADLIGHT CONNECTOR

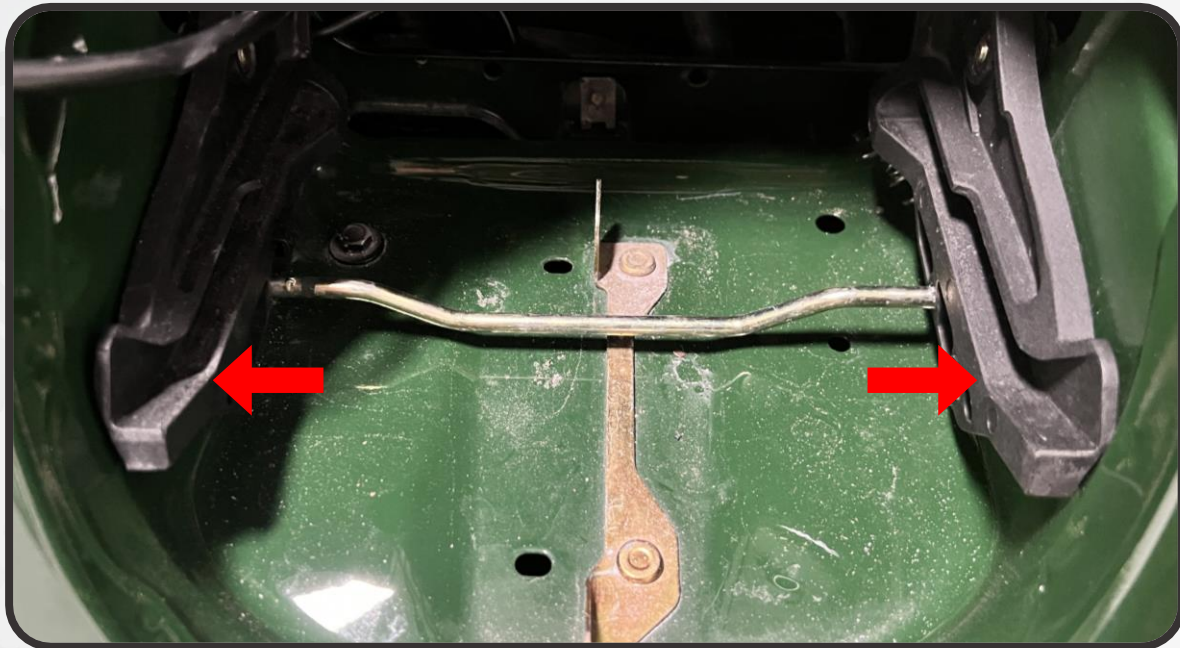


19. PLUG THE DRL HARNESS INTO THE BACK OF THE HEADLIGHT



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20. ALIGN THE PLASTIC PINS ON THE EITHER SIDE OF THE HEADLIGHT HOUSING WITH THE CHANNEL GUIDES ON THE CAR, AND SLIDE THE HEADLIGHT IN. MAKE SURE THE DRL HARNESS WILL NOT GET IN THE WAY OF THE LOCKING MECHANISM

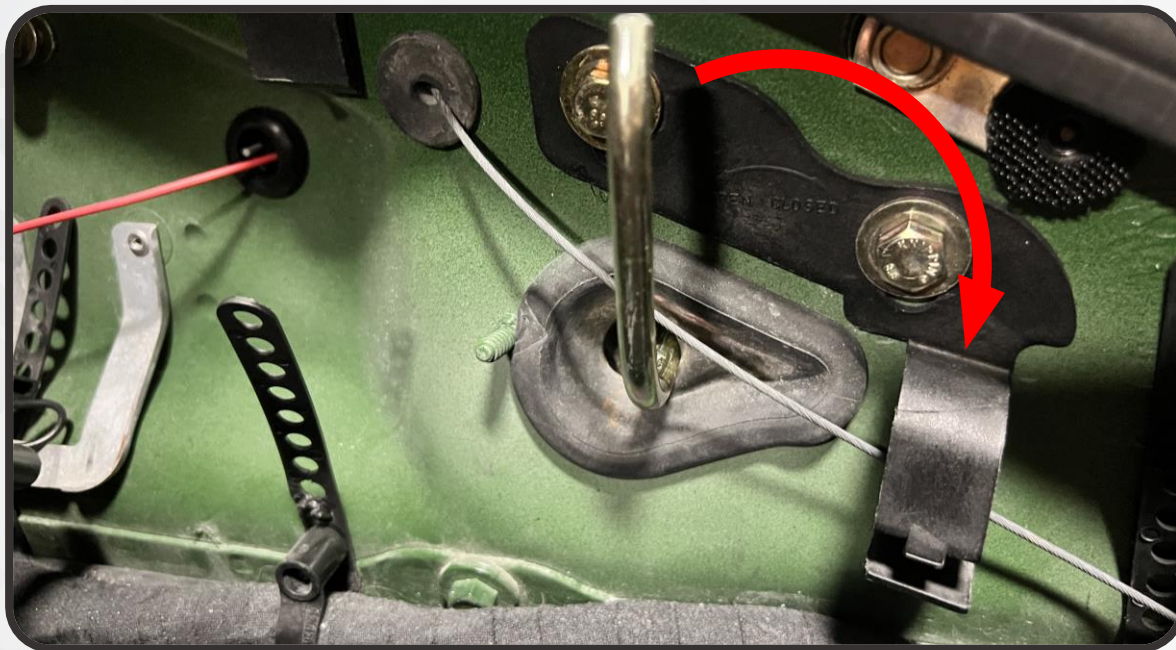


21. SLIDE THE HEADLIGHT IN AND APPLY FIRM PRESSURE TO THE FRONT OF THE LENS TO FULLY INSERT THE ASSEMBLY INTO THE HEADLIGHT CAVITY



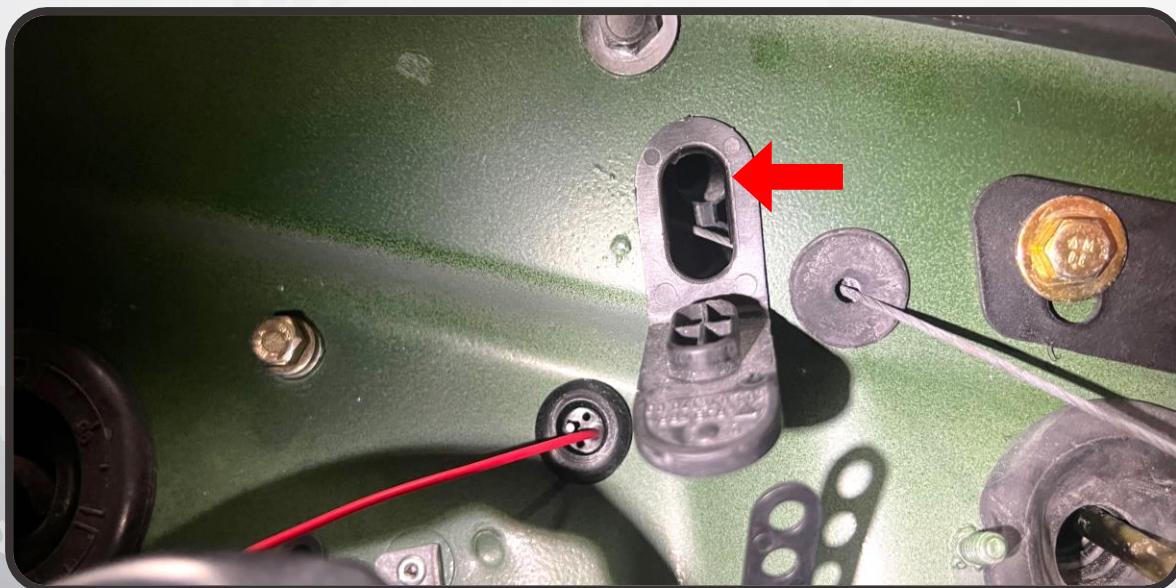
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22. WHILE HOLDING THE HEADLIGHT IN PLACE, ROTATE THE LATCH TOWARDS THE FRONT OF THE CAR TO LOCK THE HEADLIGHT IN PLACE



23. REPEAT STEPS #14-#22 ON THE OPPOSITE SIDE

24. TO AIM YOUR NEW HEADLIGHTS, OPEN THE RUBBER COVER TO THE ADJUSTER ACCESS HOLE, AND ADJUST VIA THE UPPER HOLE USING A #2 PHILLIPS HEAD SCREWDRIVER. ROTATING COUNTERCLOCKWISE WILL MOVE THE BEAM UP, AND VISE VERSA



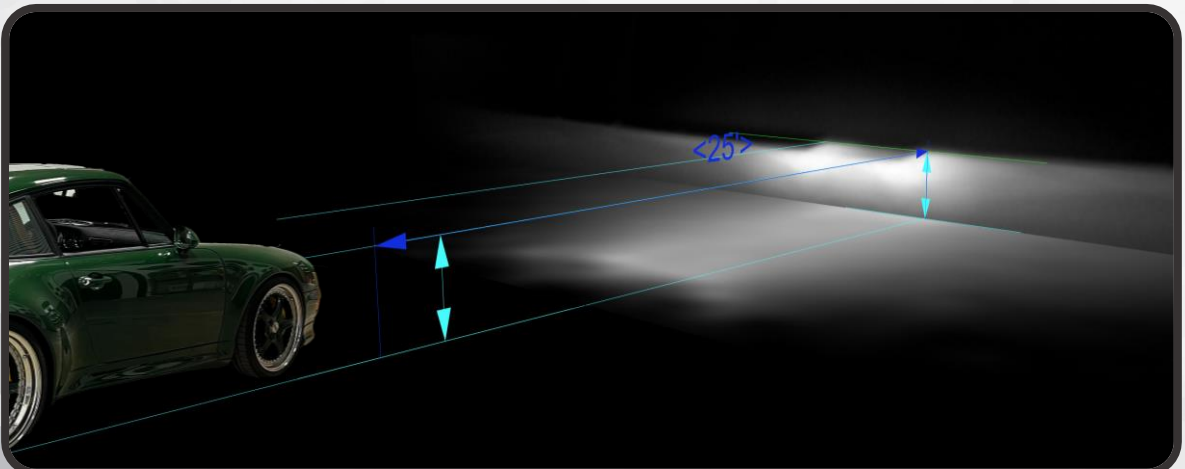
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25. WITH THE VEHICLE PARKED ON LEVEL GROUND, 25' FROM A WALL, MEASURE THE DISTANCE FROM THE GROUND TO THE CENTER OF THE HEADLIGHT PROJECTOR



26. FOLLOW THE INSTRUCTIONS BELOW TO PROPERLY ALIGN YOUR HEADLIGHTS' LOW BEAM CUTOFF (THE UPPER HORIZONTAL EDGE OF THE LOW BEAM)

- IF THE DISTANCE FROM THE GROUND TO THE OPTICAL CENTER IS LESS THAN 34.5", ADJUST THE TOP OF THE HEADLIGHT CUTOFF TO THE SAME HEIGHT AS THE HEADLIGHT MEASUREMENT YOU TOOK
- IF THE HEIGHT IS BETWEEN 35"-39", ADJUST THE CUTOFF TO 2" BELOW YOUR HEADLIGHT MEASUREMENT
- IF THE HEIGHT IS GREATER THAN 39.5", ADJUST THE CUTOFF TO 3" BELOW YOUR HEADLIGHT MEASUREMENT



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- ENJOY YOUR MORIMOTO XB HEADLIGHTS! -

