MORIMOTO

BRIGHT IS ONLY THE BEGINNING

INSTALL GUIDE

XB EVO TYPE S SAE FOG LIGHTS

LF090/LF091

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.

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WHAT'S INCLUDED

2X (ONE PAIR) FOG LIGHT ASSEMBLIES

8X 10MM MOUNTING BOLTS

2X H11/H9/H8 CONNECTORS

REQUIRED TOOLS

- RATCHET
- 10MM SOCKET
- #2 PHILLIP'S HEAD SCREWDRIVER

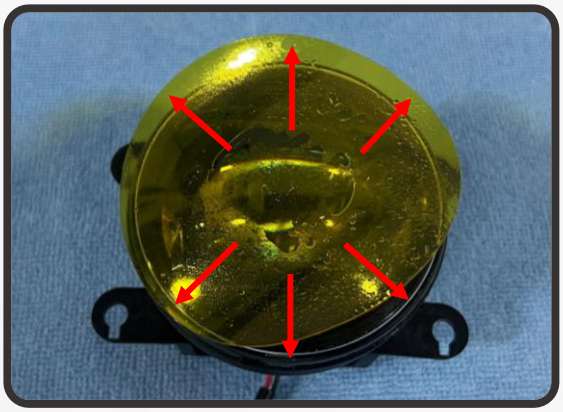
LAMIN-X FILM APPLICATION (OPTIONAL)

1. TO APPLY LAMIN-X PROTECTIVE FILM (SOLD SEPARATELY) TO YOUR FOG LIGHTS BEFORE INSTALLING, BEGIN BY THOROUGHLY CLEANING AND DRYING THE LENS TO ENSURE IT IS FREE OF DEBRIS OR OILS

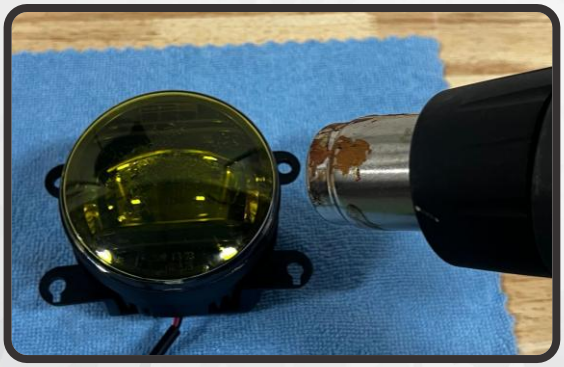
2. PEEL THE PAPER BACKING OFF OF THE FILM AND LIGHTLY MIST THE ADHESIVE SIDE OF THE FILM WITH FILTERED WATER. TRY TO TOUCH THE ADHESIVE AS LITTLE AS POSSIBLE

3. HOLDING ONTO THE VERY EDGES OF THE FILM, CENTER IT ON THE LENS AND PRESS DOWN FIRMLY IN THE CENTER TO SECURE IT. IF YOUR ALIGNMENT IS NOT PERFECT, THE ADHESIVE IS VERY FORGIVING AND CAN BE PULLED OFF AND REAPPLIED AS-NEEDED DURING INSTALL

4. MIST SOME WATER OVER THE TOP OF THE LAMIN-X AND USE YOUR THUMBS OR A PLASTIC SQUEEGEE (A CREDIT CARD WRAPPED IN A MICROFIBER TOWEL ALSO WORKS WELL) TO PRESS OUTWARD TO SMOOTH OUT THE FILM AND SECURE IT TO THE LENS



5. IF NECESSARY, USE A BLOW DRYER OR HEAT GUN ON LOW SETTING TO SLIGHTLY HEAT THE LAMIN-X AND PRESS ANY LIFTING AREAS. DON'T HOLD THE HEAT TOO CLOSE OF FOR TOO LONG IN ONE SPOT, OR YOU MAY BURN THE FILM



6. ALLOW 12 HOURS TO CURE BEFORE EXPOSING TO THE ELEMENTS

7. FOR THE FIRST 24 HOURS AFTER INSTALL, INSPECT FOR AND REPAIR ANY LIFTING EDGES

YOU MAY NOTICE SMALL BUBBLES, CLOUDINESS (MOISTURE), AND MINOR SURFACE SCRATCHES AFTER INSTALL. THIS IS NORMAL. ALLOW A FEW DAYS TO A COUPLE OF WEEKS FOR IT TO DISAPPEAR

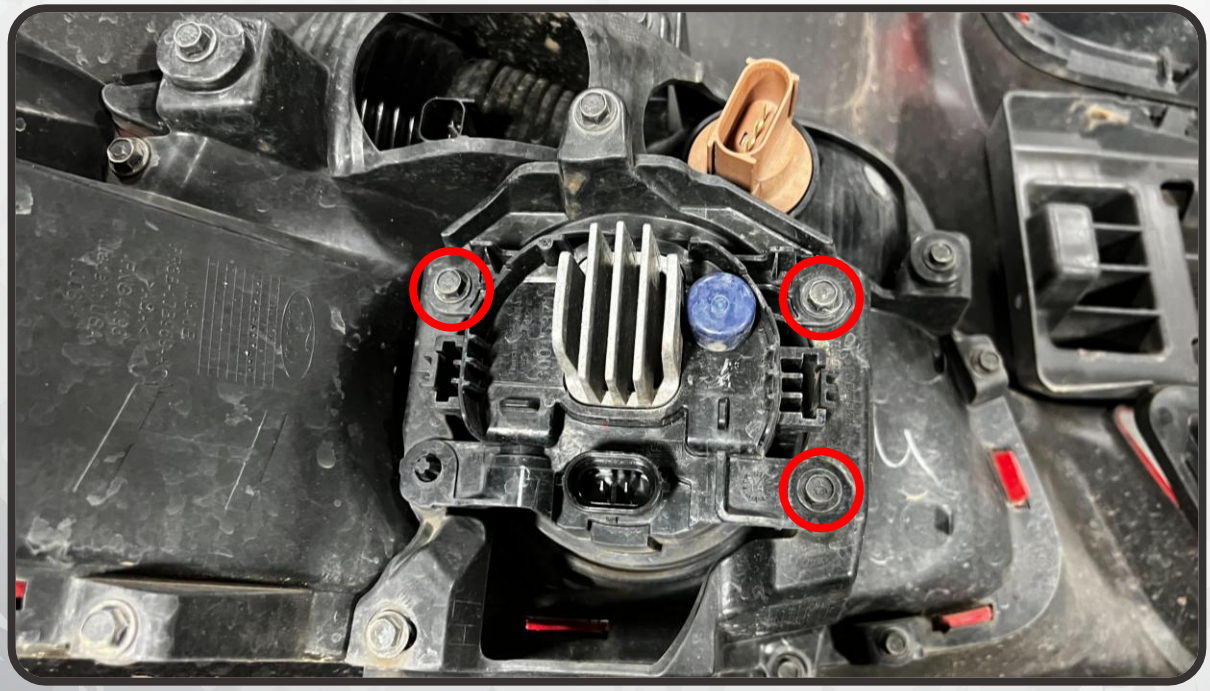
THE FILM CAN BE WASHED WITH THE SAME SOAP YOU USE ON YOUR CAR'S PAINT

INSTALLATION

NOTE: THIS GUIDE IS MEANT TO SERVE AS A GENERAL OVERVIEW OF THE INSTALLATION PROCESS, HOWEVER THE FULL INSTALL PROCEDURE WILL VARY BETWEEN VEHICLES. CONSULT YOUR SERVICE MANUAL FOR APPLICATION-SPECIFIC INSTRUCTIONS

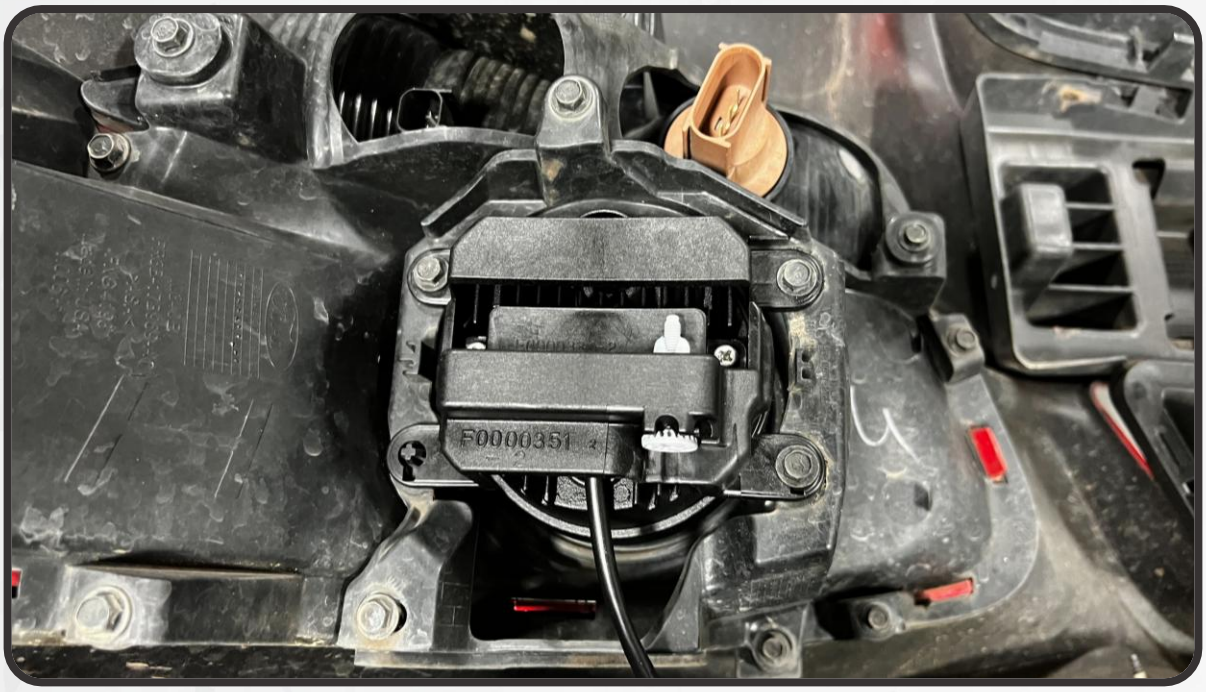
1. BEGIN BY ACCESSING THE REAR OF THE FACTORY FOG LIGHT ASSEMBLY AND DISCONNECTING THE FACTORY FOG LIGHT CONNECTOR

2. REMOVE THE HARDWARE SECURING THE FACTORY FOG LIGHT, AND REMOVE IT FROM THE VEHICLE

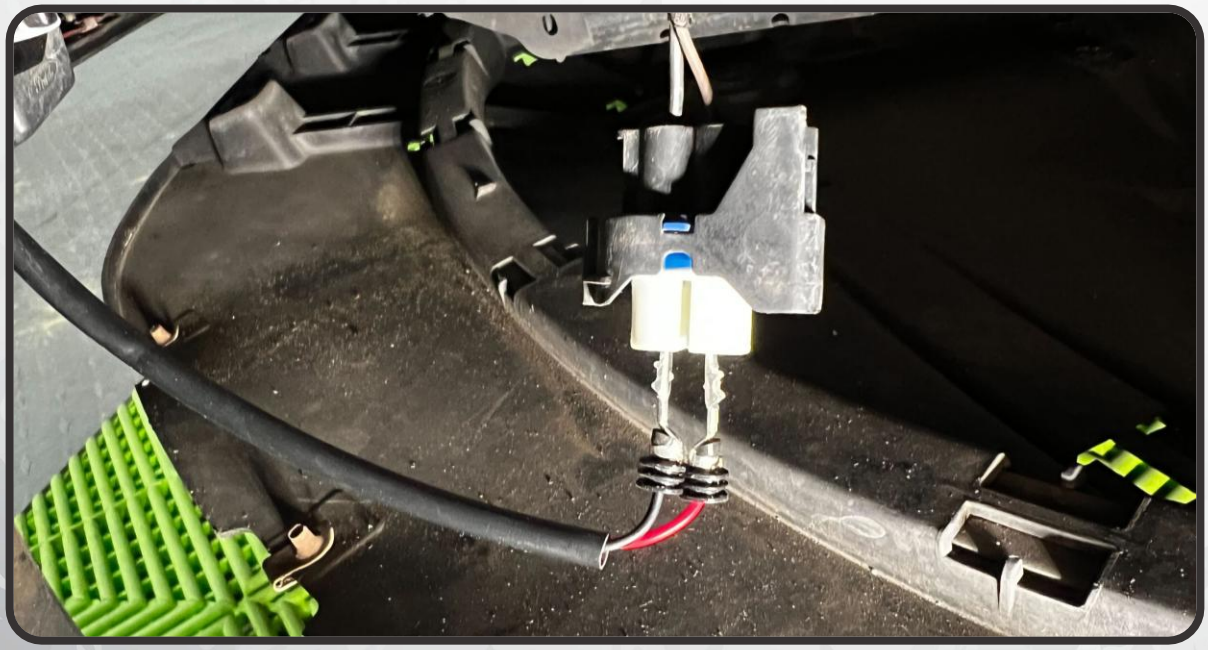


INSTALLATION

3. INSTALL THE NEW FOG LIGHT ASSEMBLY IN PLACE OF THE FACTORY ASSEMBLY, AND REINSTALL THE HARDWARE

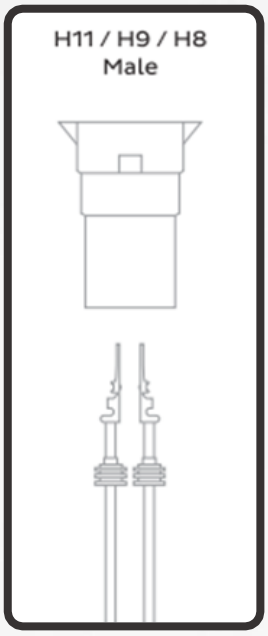


4. INSERT THE BARE PINS ON THE FOG LIGHT ASSEMBLY INTO THE STOCK FOG LIGHT CONNECTOR. MAKE SURE THAT THE PINS ARE NOT CONTACTING ONE ANOTHER, AND TEST THE FOG LIGHTS. IF THEY ARE NOT ILLUMINATING, SWAP THE PINS

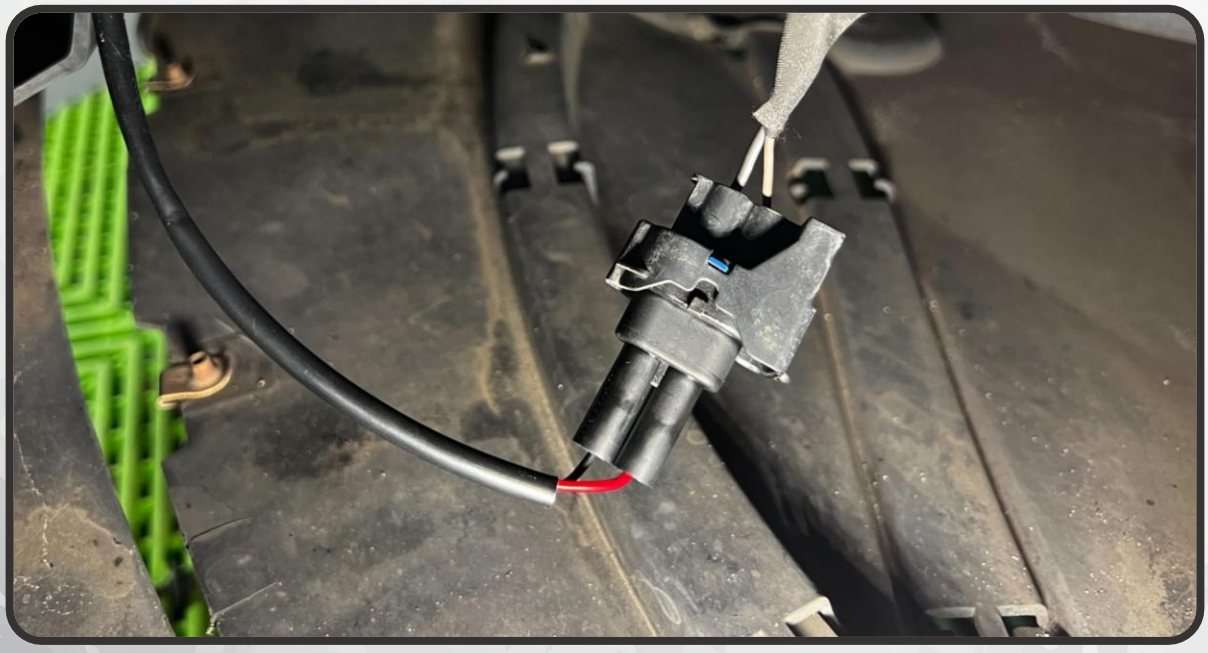


INSTALLATION

5. INSERT THE FOG LIGHT PINS INTO THE CONNECTOR IN THE SAME ORIENTATION YOU TESTED AND CONFIRMED ON THE FACTORY WIRING



6. WITH THE PINS INSERTED INTO THE CONNECTOR, CONNECT THE FOG LIGHT WIRING TO THE FACTORY WIRING

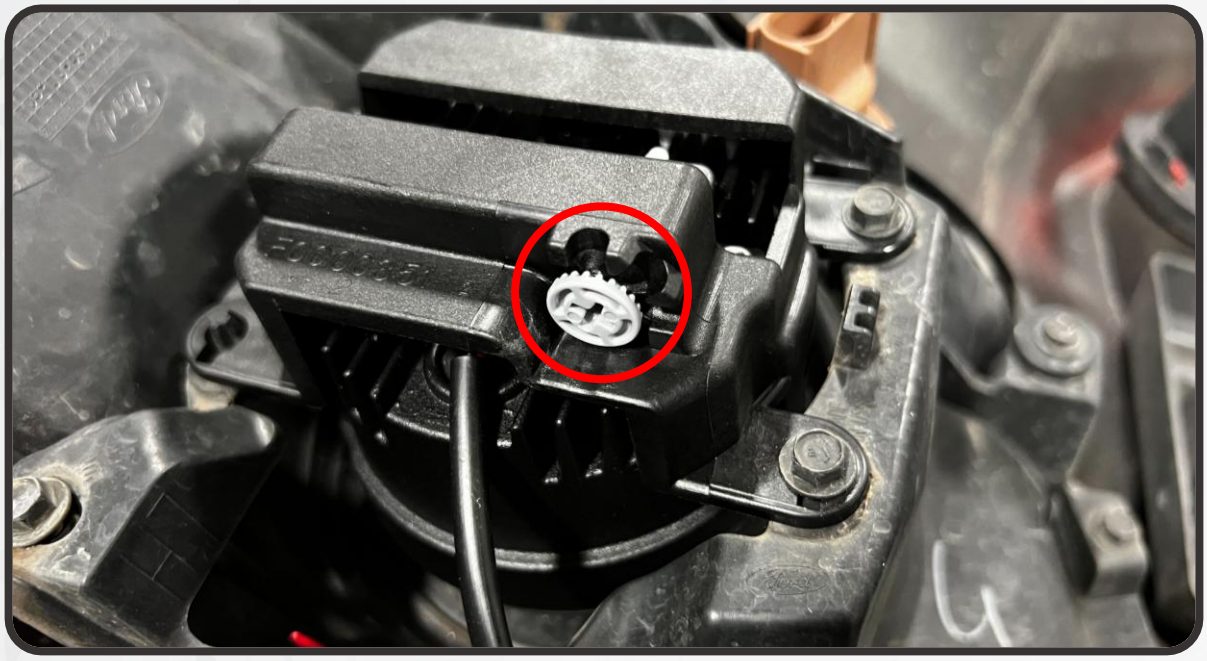


INSTALLATION

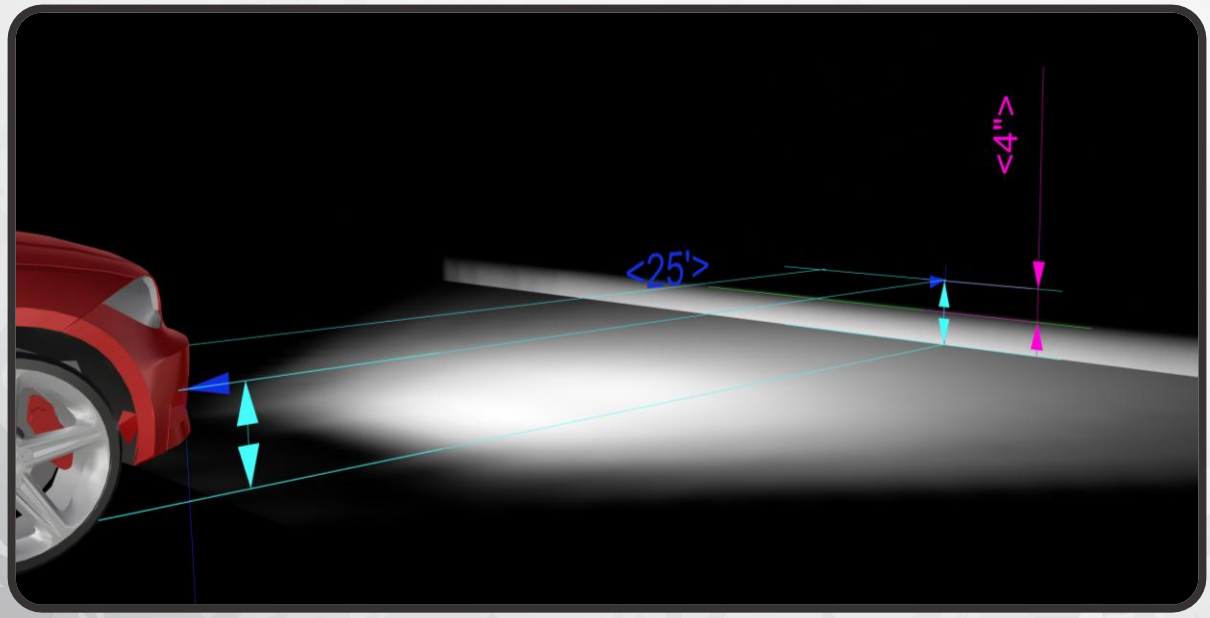
7. REPEAT THE INSTALLATION PROCESS ON THE OTHER FOG LIGHT
8. GET IN THE VEHICLE AND CONFIRM THAT ALL FUNCTIONS ARE WORKING PROPERLY
9. REASSEMBLE ANYTHING ON THE VEHICLE YOU REMOVED DURING THE INSTALL PROCESS

AIMING

10. ONCE YOUR FOG LIGHT ASSEMBLIES ARE INSTALLED, THEY WILL NEED TO BE AIMED FOR YOUR VEHICLE. FOLLOW THE PROCEDURE BELOW TO AIM YOUR FOG LIGHTS USING A PHILLIPS HEAD SCREWDRIVER TO TURN THE ADJUSTER SCREW ON THE ASSEMBLY



11. WITH THE CAR PARKED ON LEVEL GROUND, 25' FROM A WALL, MEASURE THE DISTANCE FROM THE GROUND TO THE CENTER OF THE FOG LIGHT, AND THE DISTANCE FROM THE GROUND TO THE TOP OF THE LIGHT'S BEAM ON THE WALL. THERE SHOULD BE A 4" DROP FROM THE CENTER OF THE FOG LIGHT ON THE CAR, TO THE TOP OF THE BEAM ON THE WALL



SWITCHING BETWEEN WHITE AND YELLOW (EVO+ MODEL ONLY)

WITH YOUR FOG LIGHTS POWERED ON, SWITCH BETWEEN WHITE AND YELLOW OUTPUT BY QUICKLY TURNING YOUR FOG LIGHTS OFF AND BACK ON WITHIN 3 SECONDS (THIS FEATURE ONLY AVAILABLE ON THE EVO+ MODEL)