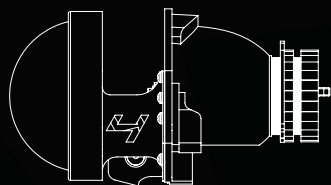
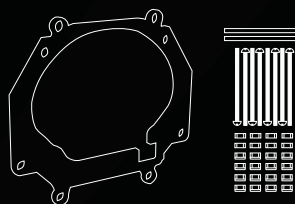


WARNING: By reading this document, you agree it is only to be used as an educational guide. Morimoto Lighting nor its distributors make guarantees on any finished results, nor are they to be held responsible for any damage, misuse, or personal injuries. Use at your own risk. If you are unable to clearly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

STANDARD CONTENTS

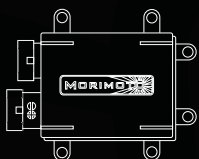


**2X MINI D2S 4.0
PROJECTORS**



**2X RETROQUIK BRACKETS
WITH HARDWARE**

OPTIONAL CONTENTS



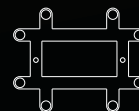
**2X MORIMOTO
XB BALLASTS**



**2X MORIMOTO
D2S IGNITERS**



**2X MORIMOTO
D2S BULBS**

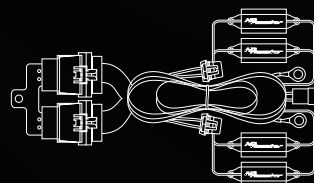


**2X CARBON FIBER
BALLAST BRACKETS**

OPTIONAL HARNESSES



**2X MORIMOTO
STANDALONE CANBUS
(2013-2014 TRUCKS ONLY)**

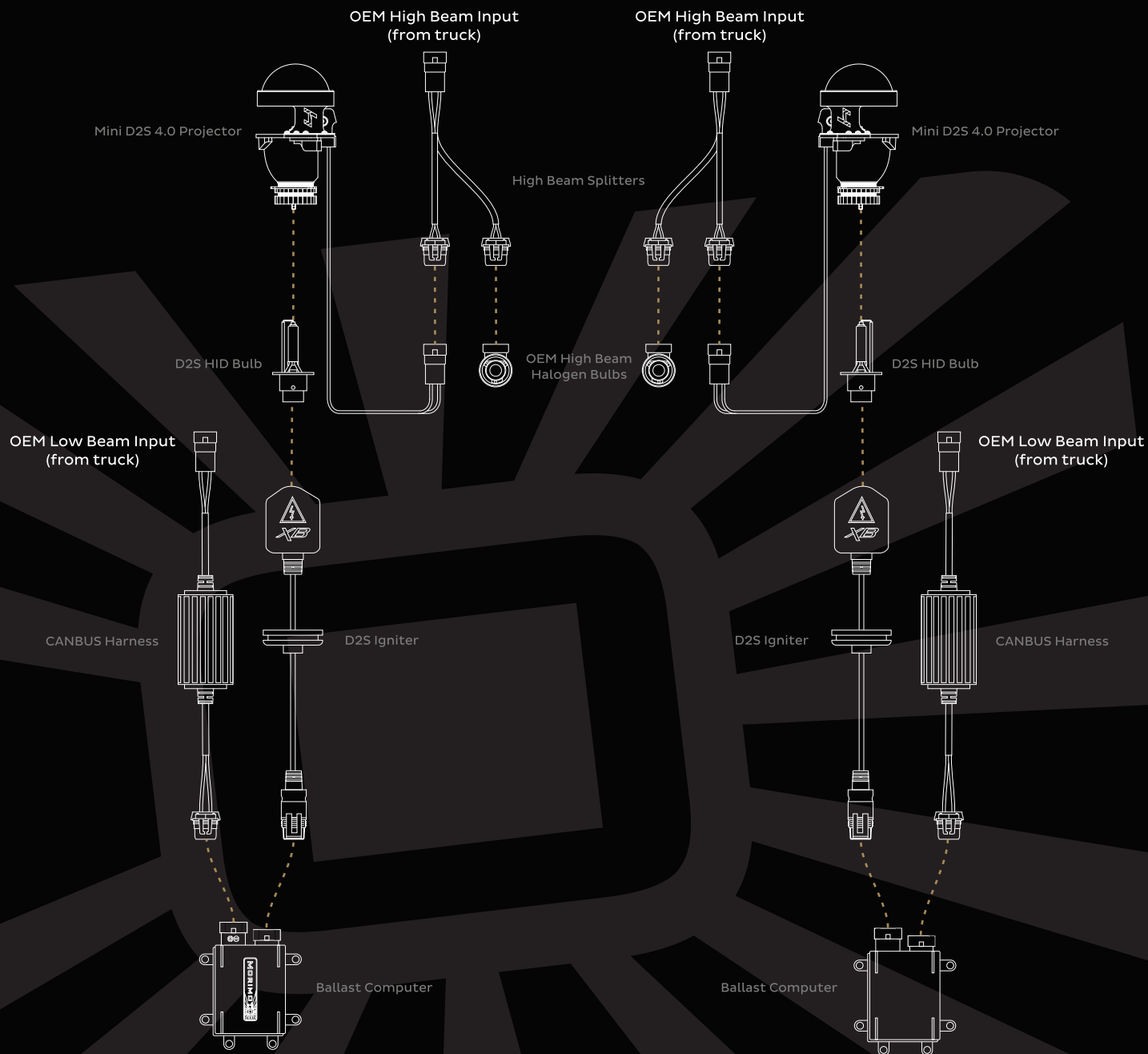


**MORIMOTO 2015 MOPAR
(2015-2018 TRUCKS ONLY)**

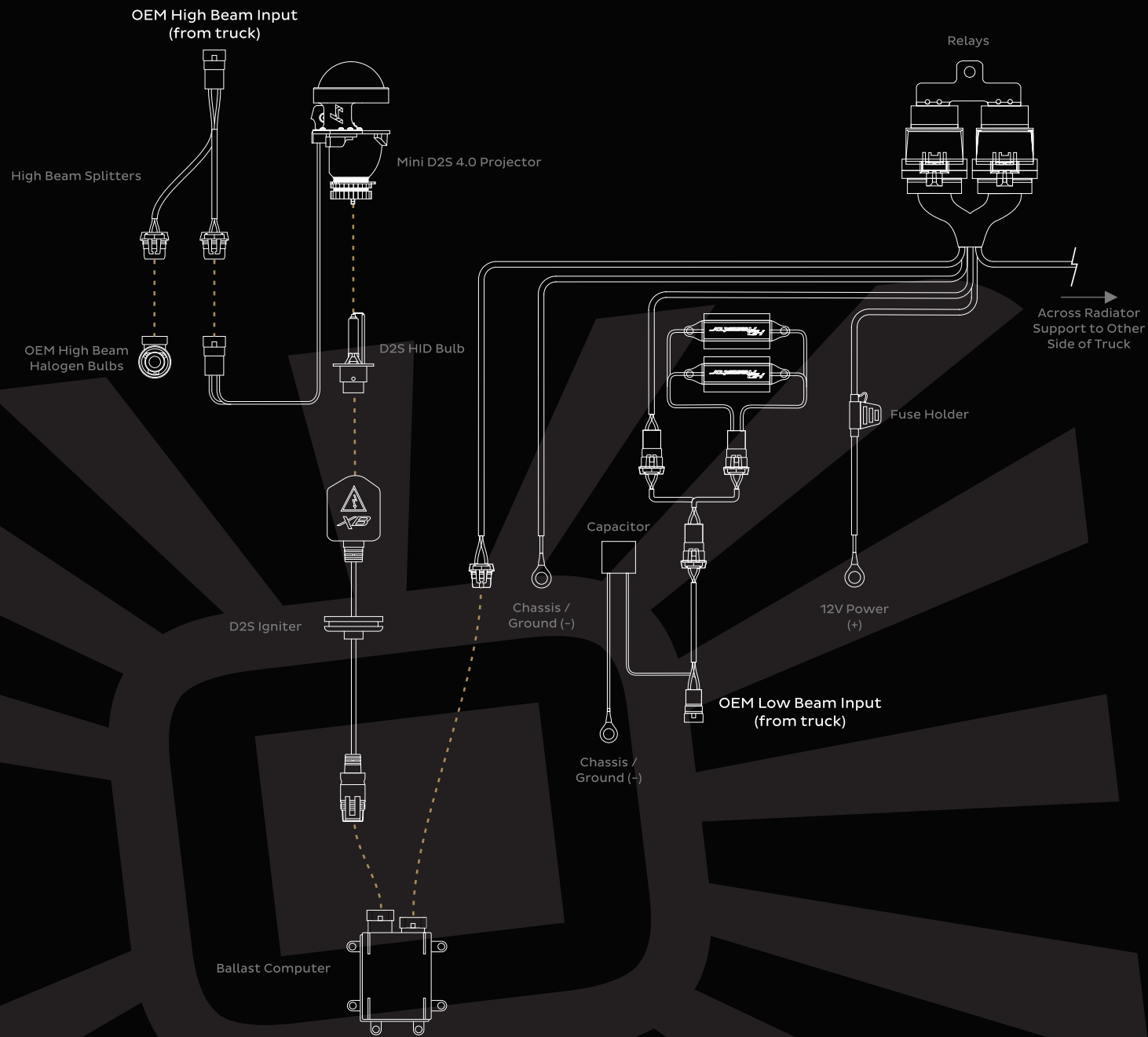
SYSTEM DIAGRAM - 2013-2014 TRUCKS

LEFT SIDE OF VEHICLE

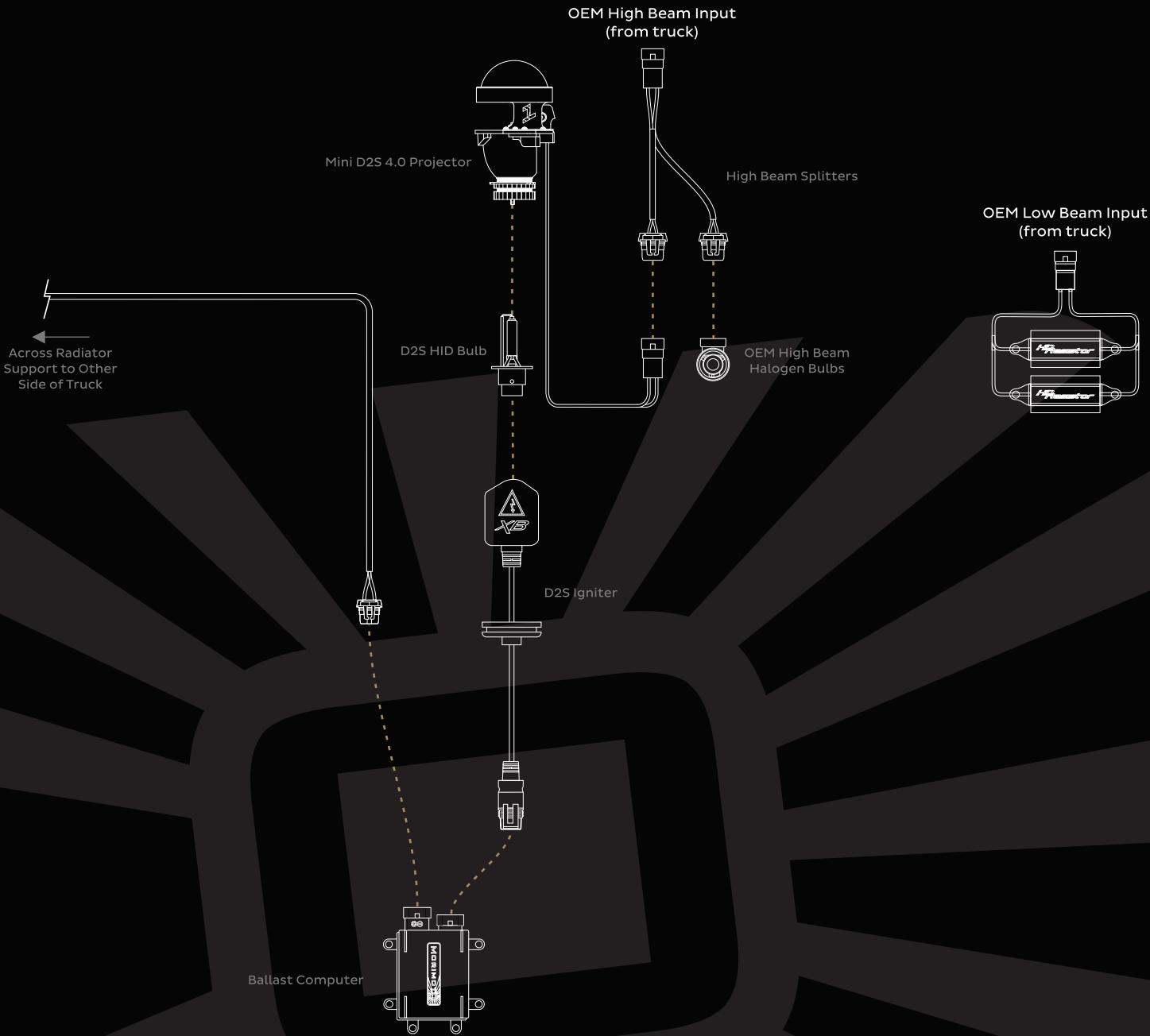
RIGHT SIDE OF VEHICLE



SYSTEM DIAGRAM - 2015-2018 TRUCKS
SIDE WITH BATTERY

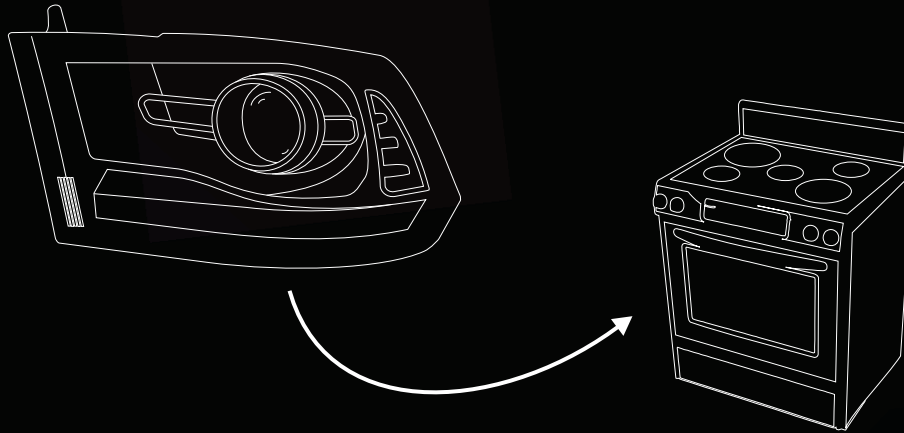


SYSTEM DIAGRAM - 2015-2018 TRUCKS
SIDE OPPOSITE BATTERY

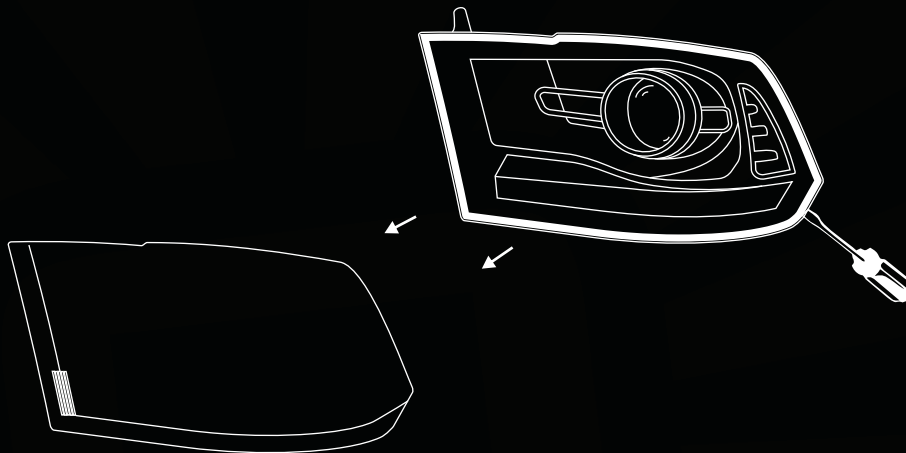


OPENING HEADLIGHTS

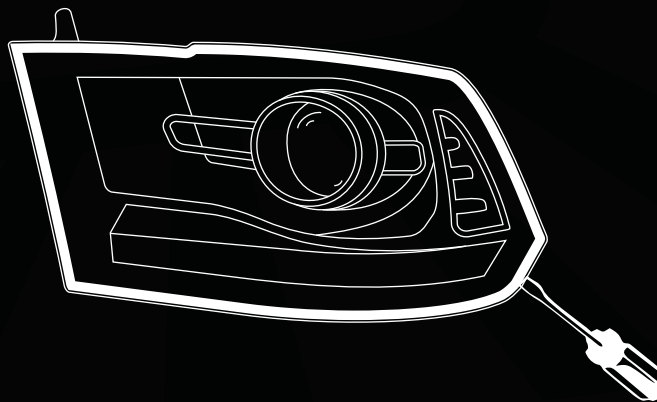
Place headlight in oven for fifteen (15) minutes at 250 Fahrenheit / 120 Celsius to soften the existing sealant.



Using a flathead screwdriver, pry gently on the seam holding the two housing halves together to separate them.
NOTE: Gloves are recommended!

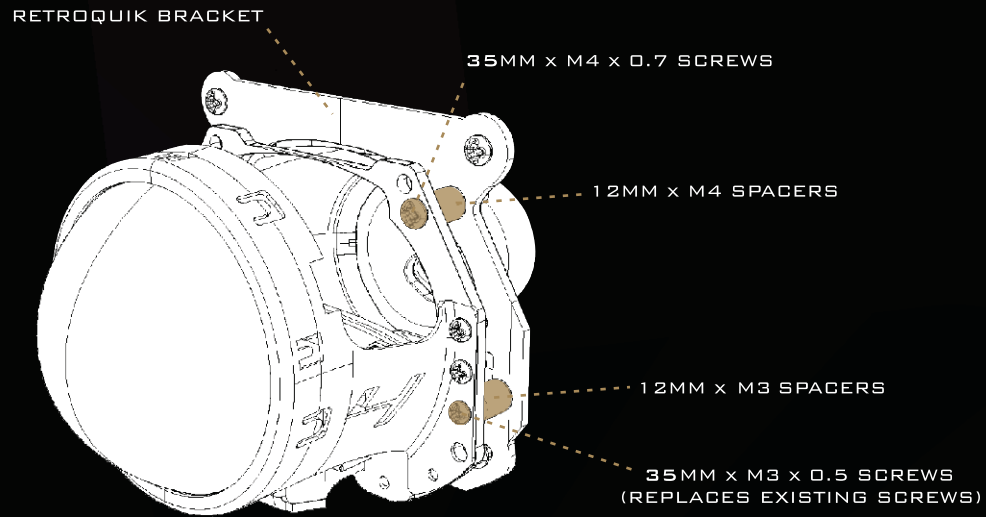


Remove all existing sealant remaining in the headlight housing's channel.



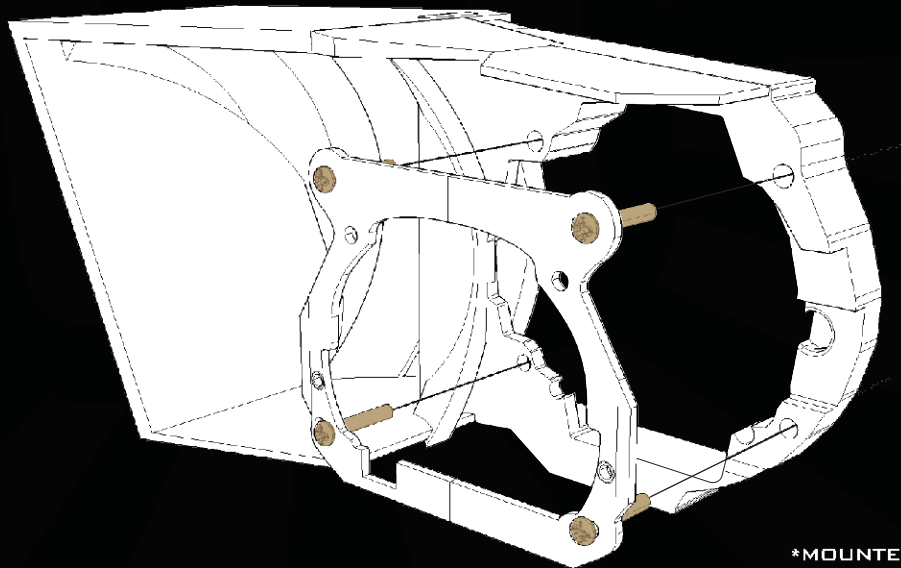
INSTALLATION PROCESS

Fit the Mini D2S 4.0 projector to the RetroQuik bracket with the included hardware as shown. Fit the 12mm M4 spacers. Note: The lower M3 screws replace the lower mounting screws of the Mini D2S 4.0 as shown.



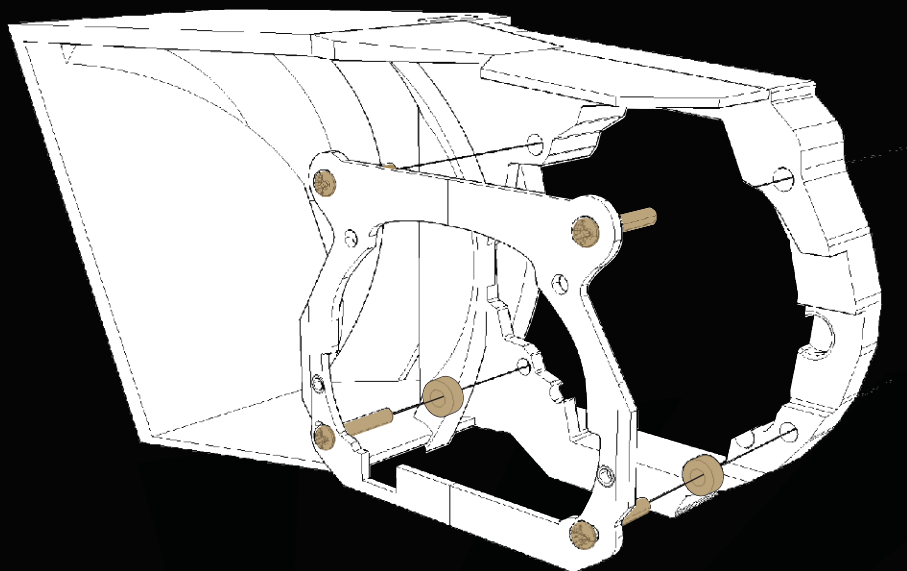
Remove the existing projector and its retaining screws. These are not re-used.

For Factory Housings Only: Fit the assembled Mini D2S 4.0 projector / RetroQuik assembly to the stock mounting points using 4x M4 20mm screw. Tighten until snug.



*MOUNTED PROJECTOR EXCLUDED
ONLY FOR VISUAL PURPOSES

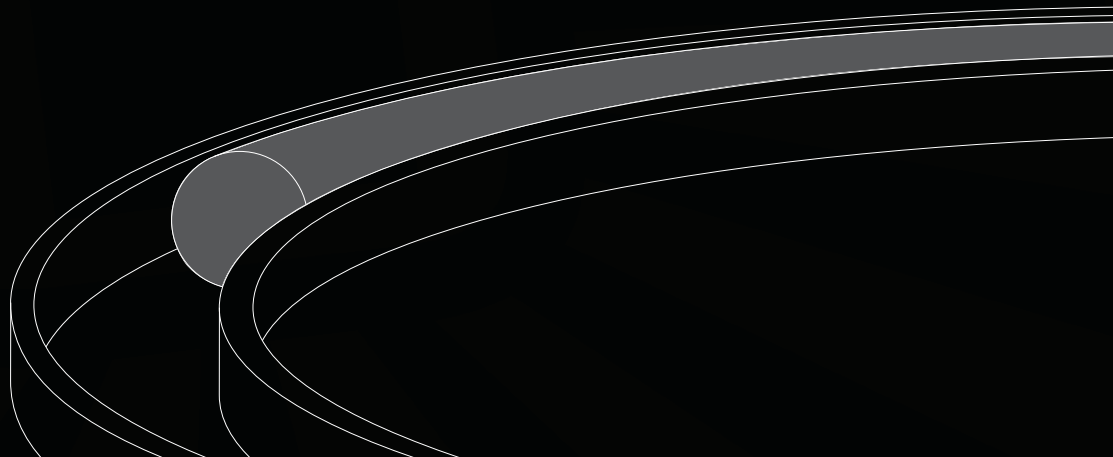
For TYC Housings Only: Fit the assembled Mini D2S 4.0 projector / RetroQuik assembly to the stock mounting points. On the lower two screws, add an additional 4.7mm spacer. Tighten until snug.



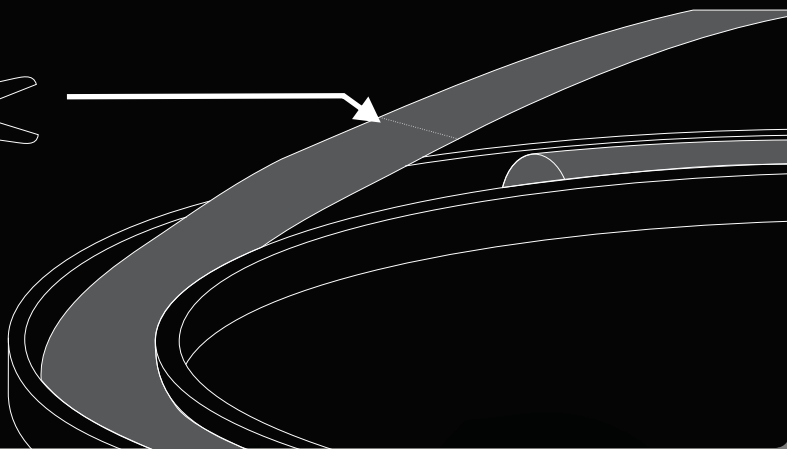
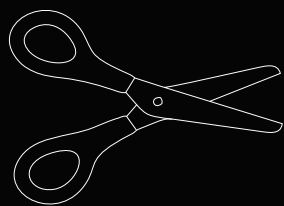
*MOUNTED PROJECTOR EXCLUDED
ONLY FOR VISUAL PURPOSES

RESEALING HEADLIGHTS

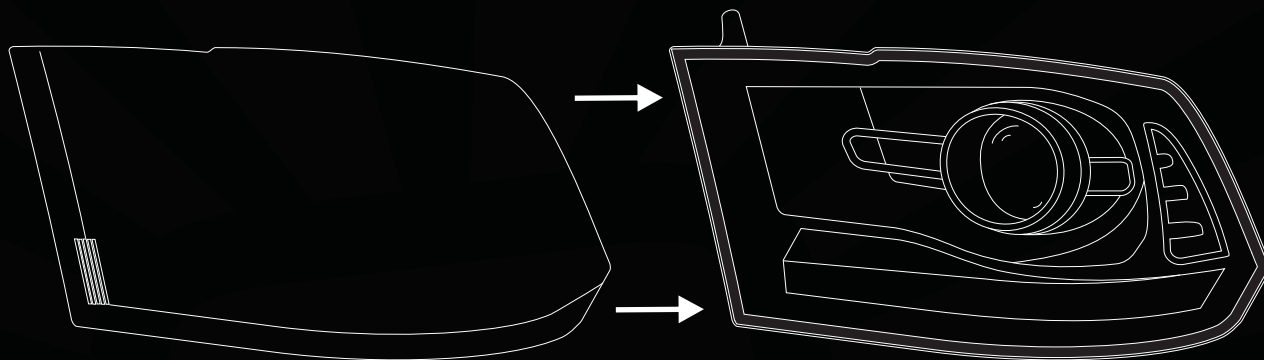
Place bead of RetroRubber sealant in channel of headlight housing as shown. Fill the majority of the channel to ensure it sufficiently holds the front lens once re-installed.



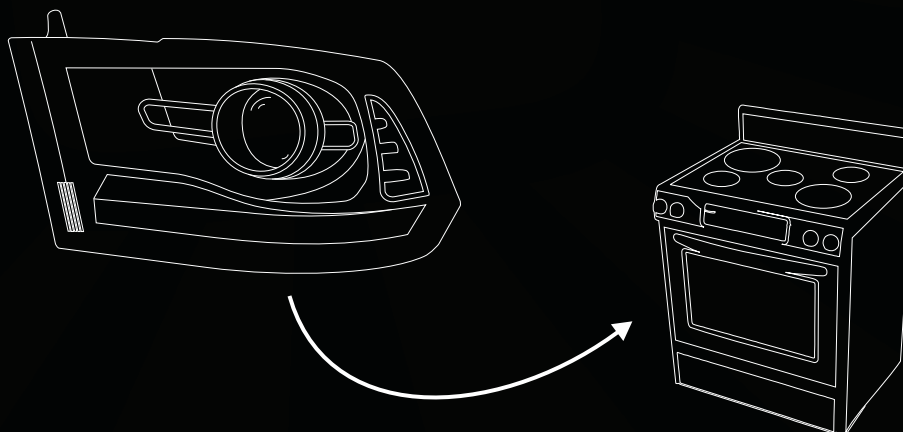
Use scissors to cut the RetroRubber once the entire circumference of the housing has been filled.



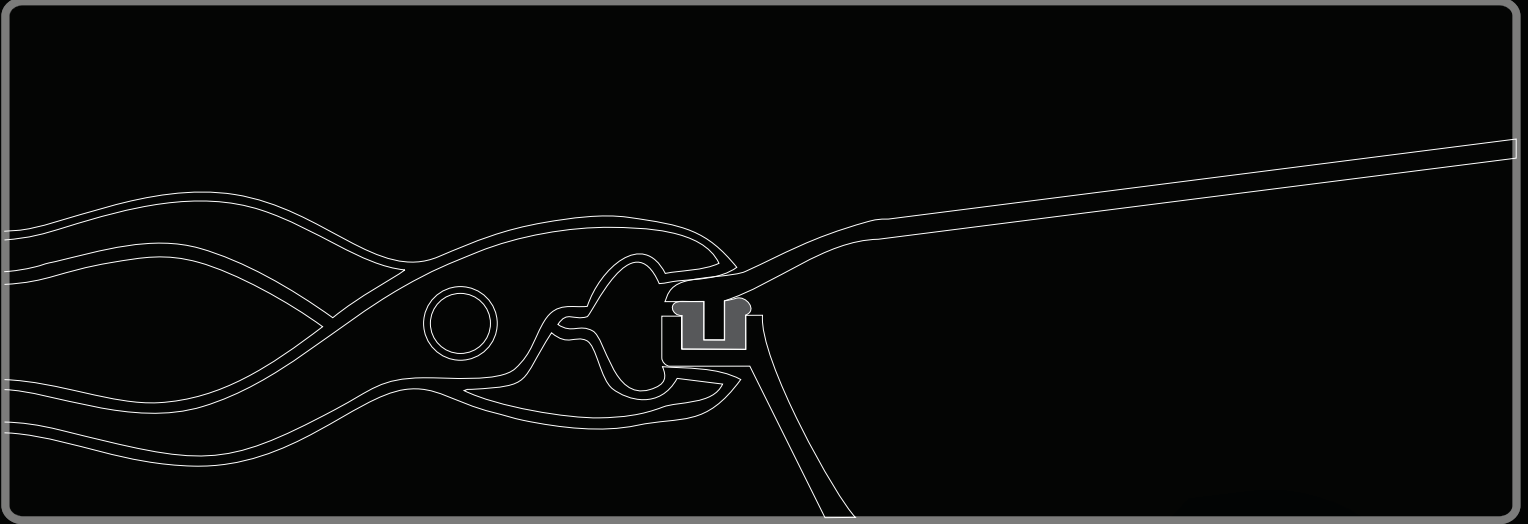
Re-fit headlight lens back over channel in headlight housing and press gently.



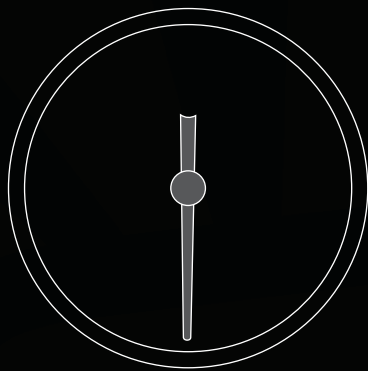
Place entire headlight in oven for seven (7) minutes at 270 Fahrenheit / 130 Celsius to soften the new sealant.



Using pliers, squeeze the channel back together snugly to ensure the RetroRubber creates a proper seal.



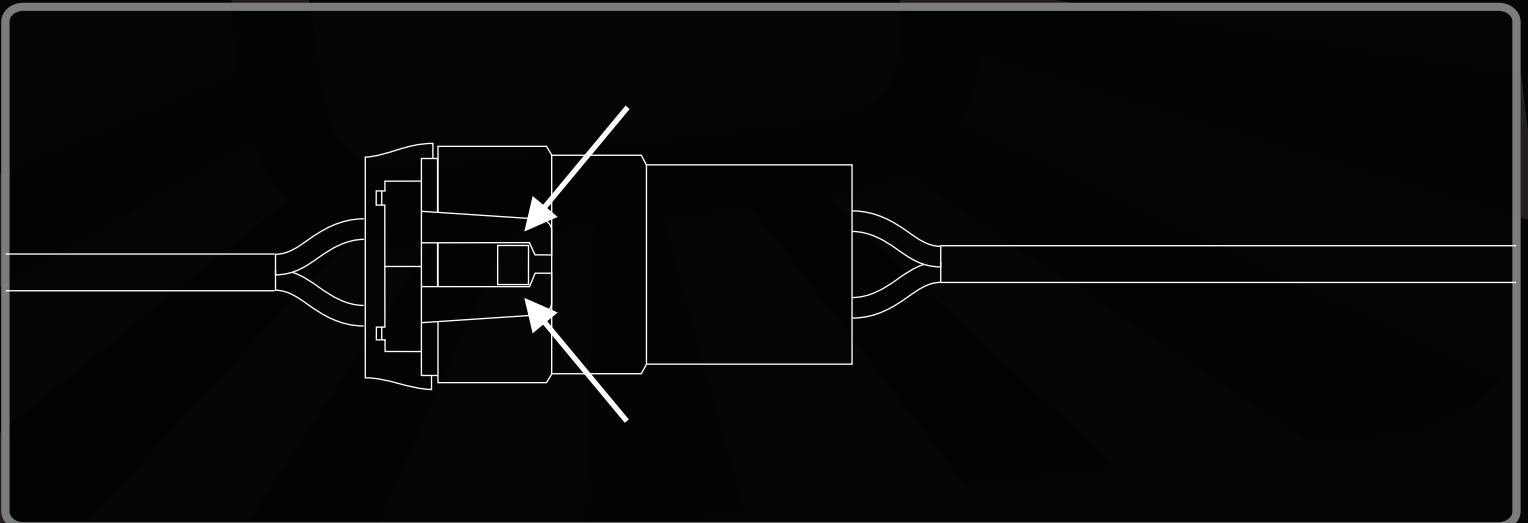
Allow thirty (30) minutes for headlight to sufficiently cool down prior to re-installation on truck.



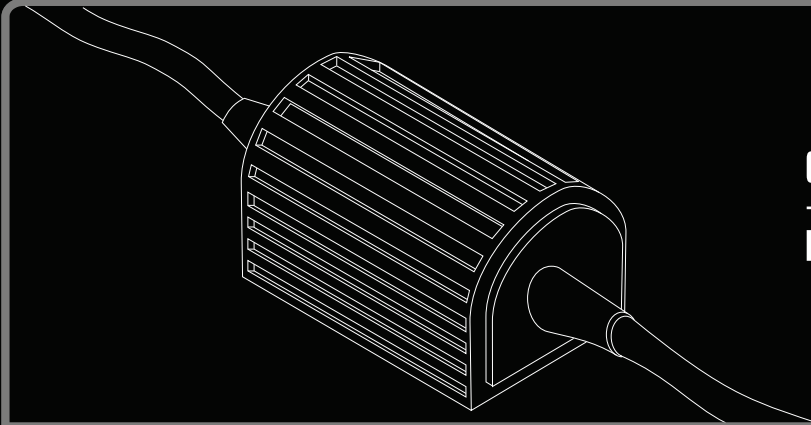
00:30:00

HARNESS INSTALLATION

When installing the harness, ensure every connection is securely fastened and can't loosen over time.



The canbus harness module does not need to be grounded nor does it get hot enough to melt plastics. In contrast, the blue anodized resistors of the 2015+ Mopar-spec harness get VERY HOT and should be mounted to metal surfaces directly!



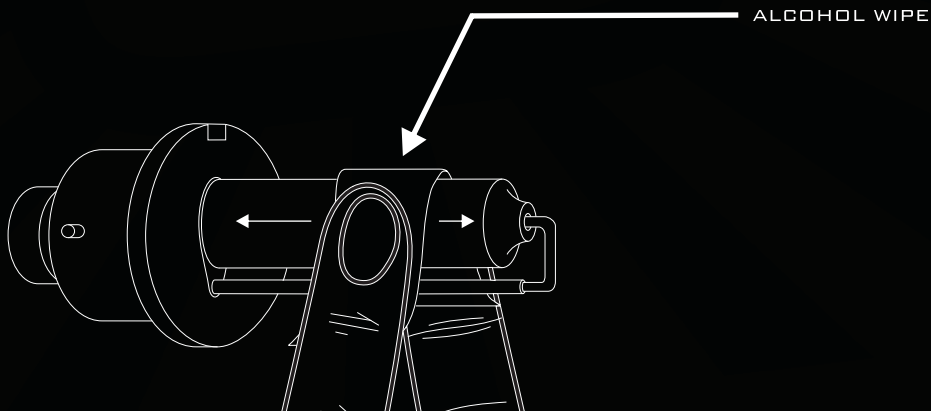
CANBUS HARNESS
DOES NOT GET HOT



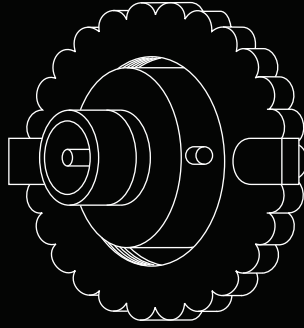
HD LOAD RESISTOR
GETS VERY HOT!
MOUNT TO METAL

BULB INSTALLATION

Using an alcohol wipe, clean the bulb glass of any dust, dirt, and finger prints.

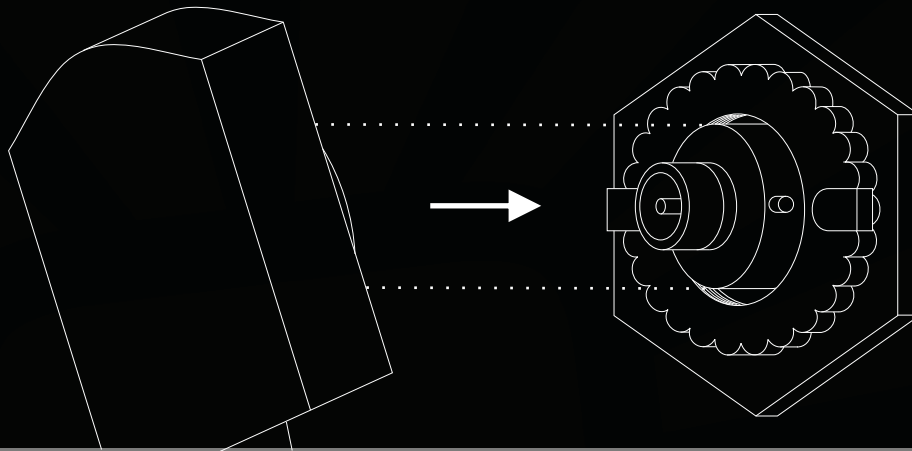


Install bulb into projector. Be sure to align the “notch” in the bulb with the “tooth” on the projector. Thread on and tighten bulb retainer.

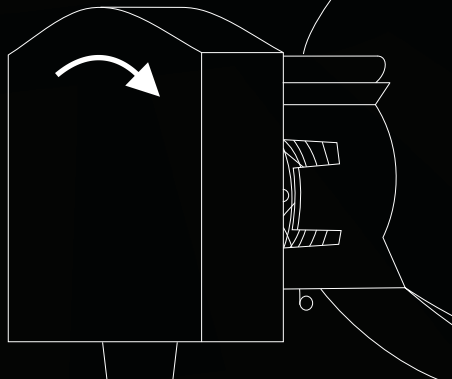


BALLAST INSTALLATION

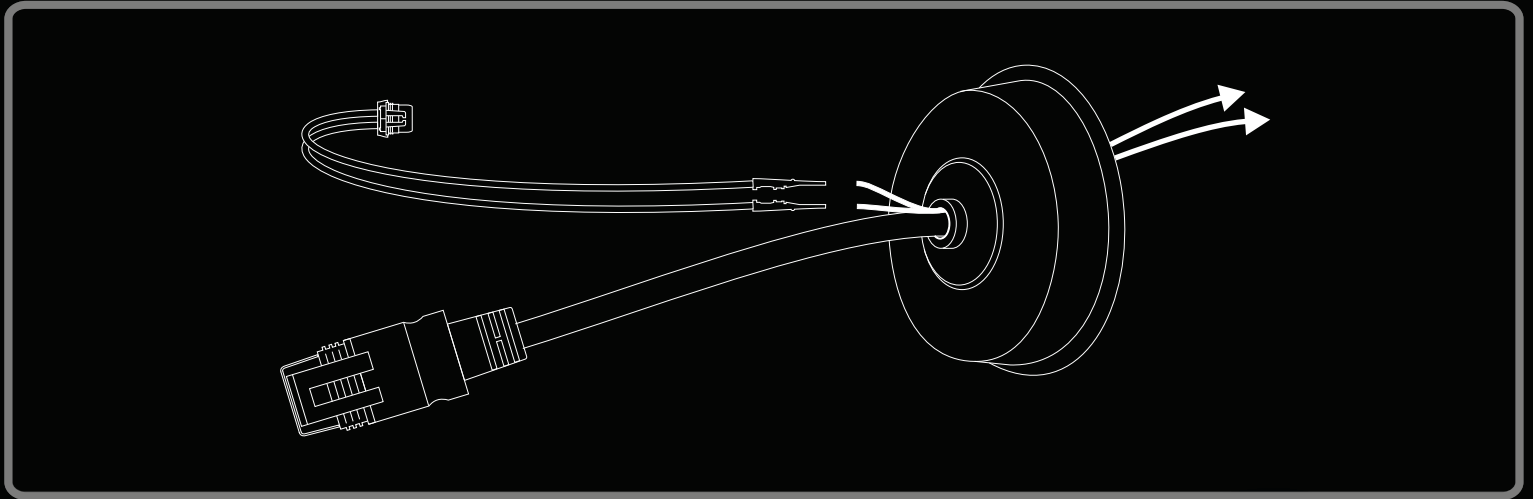
Line up slots in igniter with the tabs on the D2S bulb and slide the igniter on to the bulb.



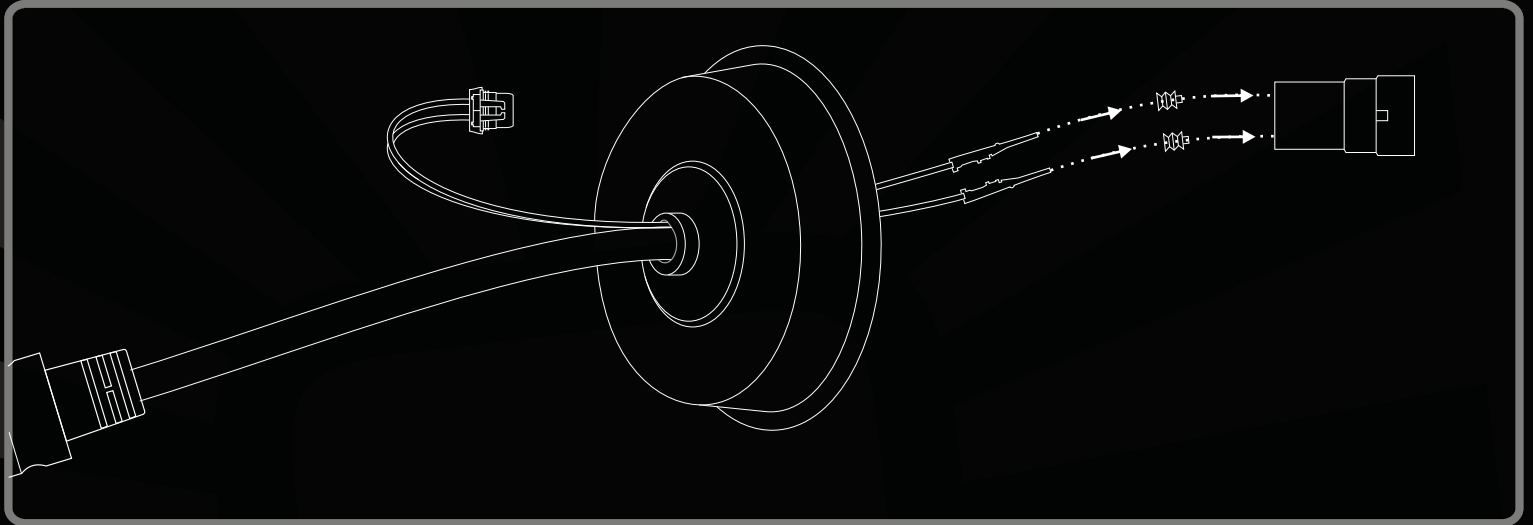
With the igniter pressed fully on to the bulb, turn the igniter clockwise and lock the igniter on to the bulb. You will feel a “click” upon doing this.



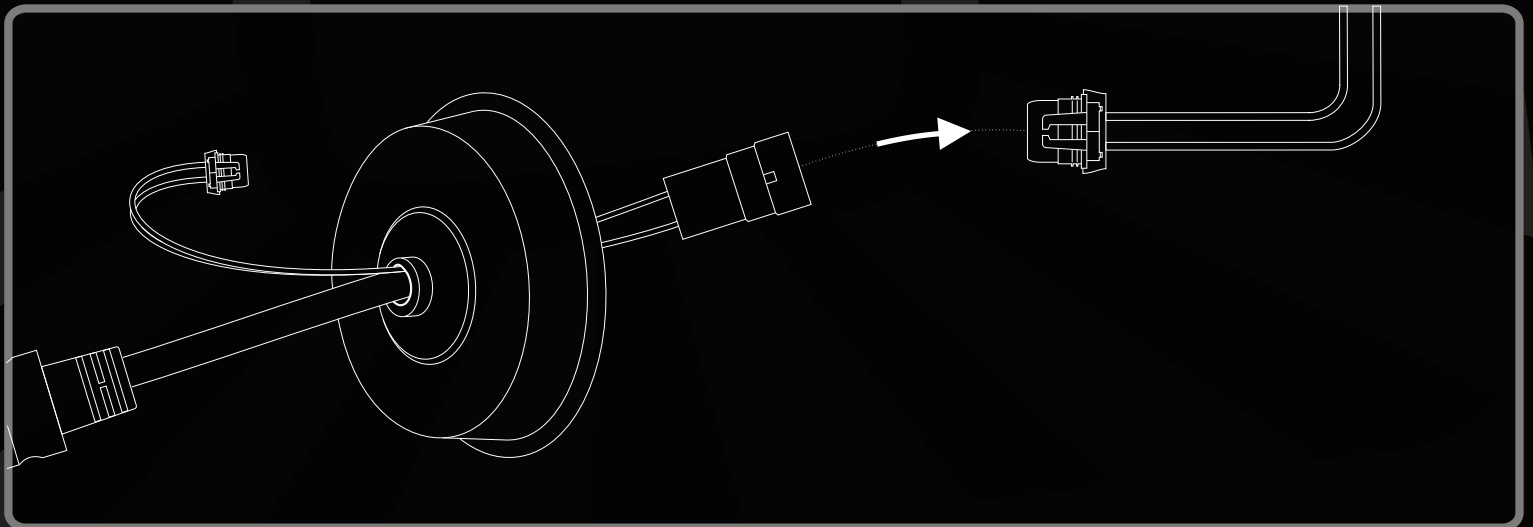
Insert the male pins through the D2S housing seal from the outside next to the igniter wire.



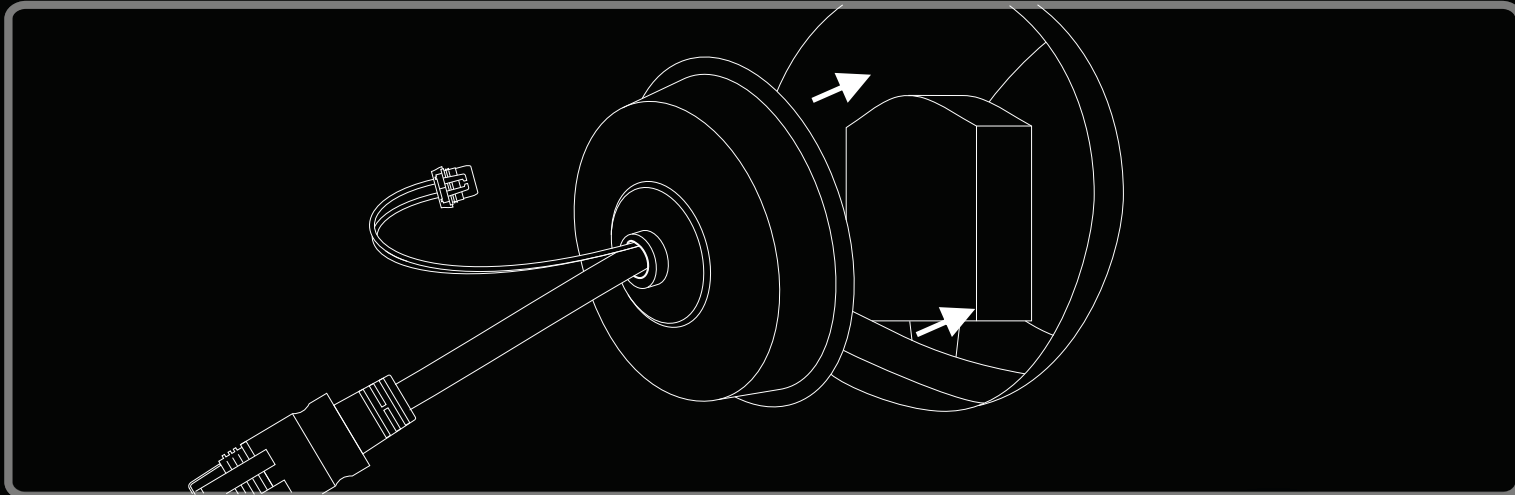
Insert the male pins through the red wire grommets and into the included bare 9006 connector. Be sure to note wire orientation / polarity.



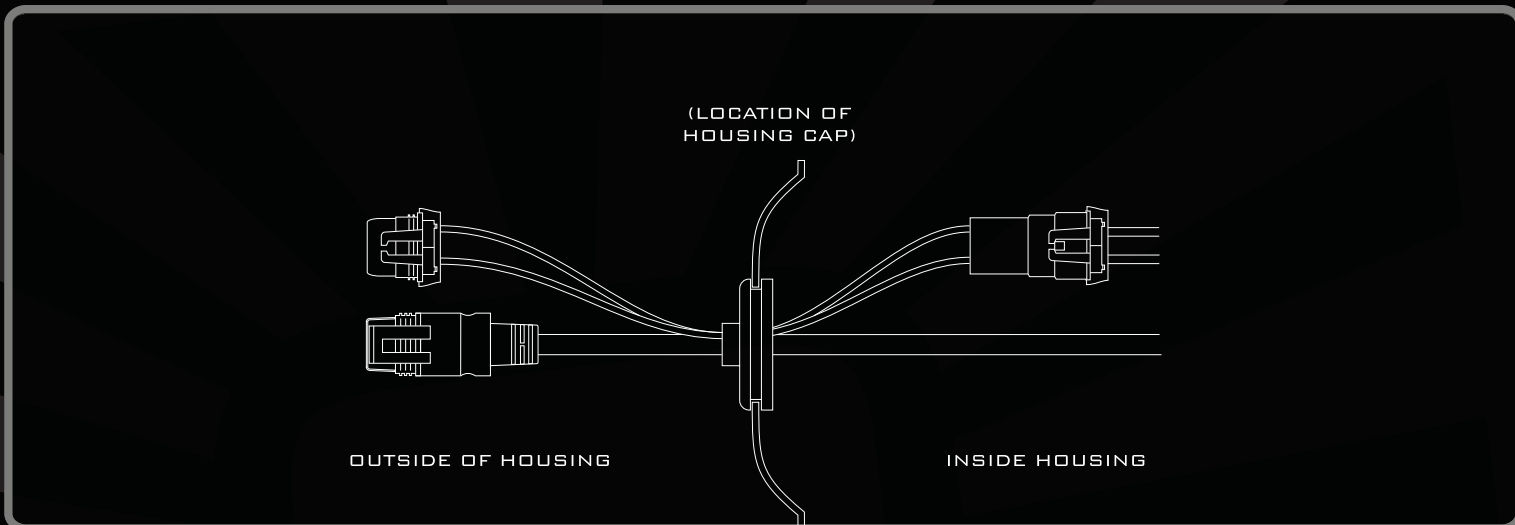
Connect the assembled 9006 connector into the OEM low beam bulb socket inside the headlight.



Re-install the factory housing cap into its original position.



Connect igniter to ballast and ballast to pass-through wiring.



Do not mount ballast with connectors aimed upward!

