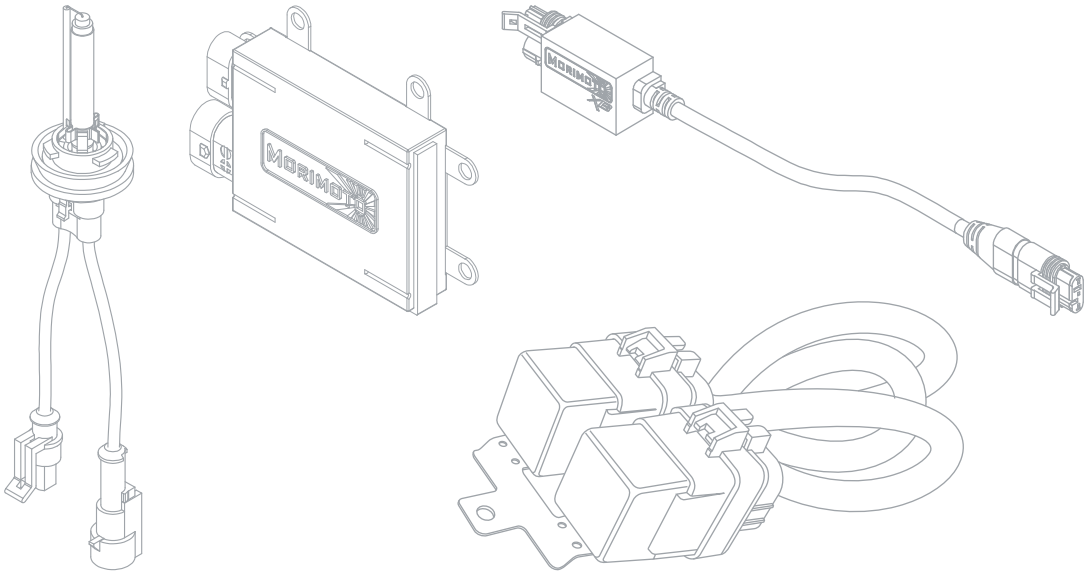
MORIMOTO

THE AUTOMOTIVE LIGHTING BENCHMARK



INSTALLATION GUIDE

H1 / H3C ELITE HID SYSTEM

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WARNING: By reading this document, I agree it is only to be used as an educational guide. Morimoto Lighting makes no guarantee 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 to your own application, professional installation is recommended.

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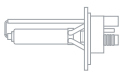
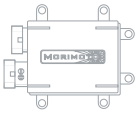
KIT CONTENTS

STANDARD PARTS

1x TEST LEAD


2x HID BULBS

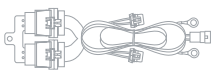
2x BULB WIRES


2x BALLAST COMPUTERS

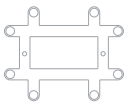
2x AMP IGNITERS

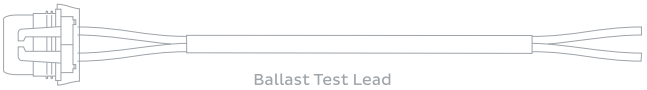
OPTIONAL PARTS

2x CANBUS HARNESSES


1x HD RELAY HARNESS

1x CAPACITOR LINK


2x CARBON FIBER BALLAST BRACKETS

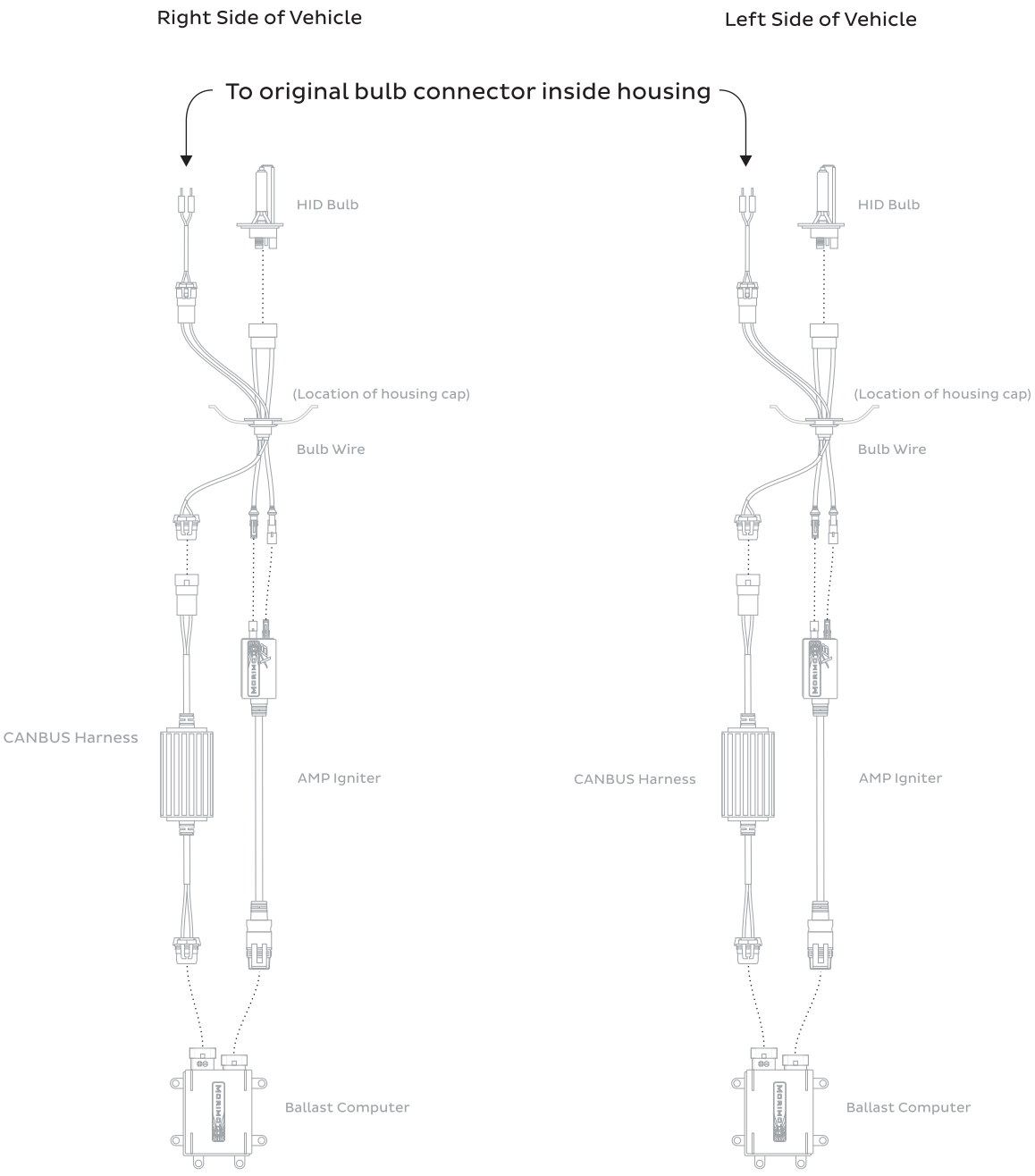

Ballast Test Lead

The included ballast test lead is used for troubleshooting purposes only and is not part of the installation of this system. If necessary, the test lead can be plugged into the ballast input and then connected to a 12V+ source to test the ballast. This must be done with the bulb connected to the ballast prior to applying power.

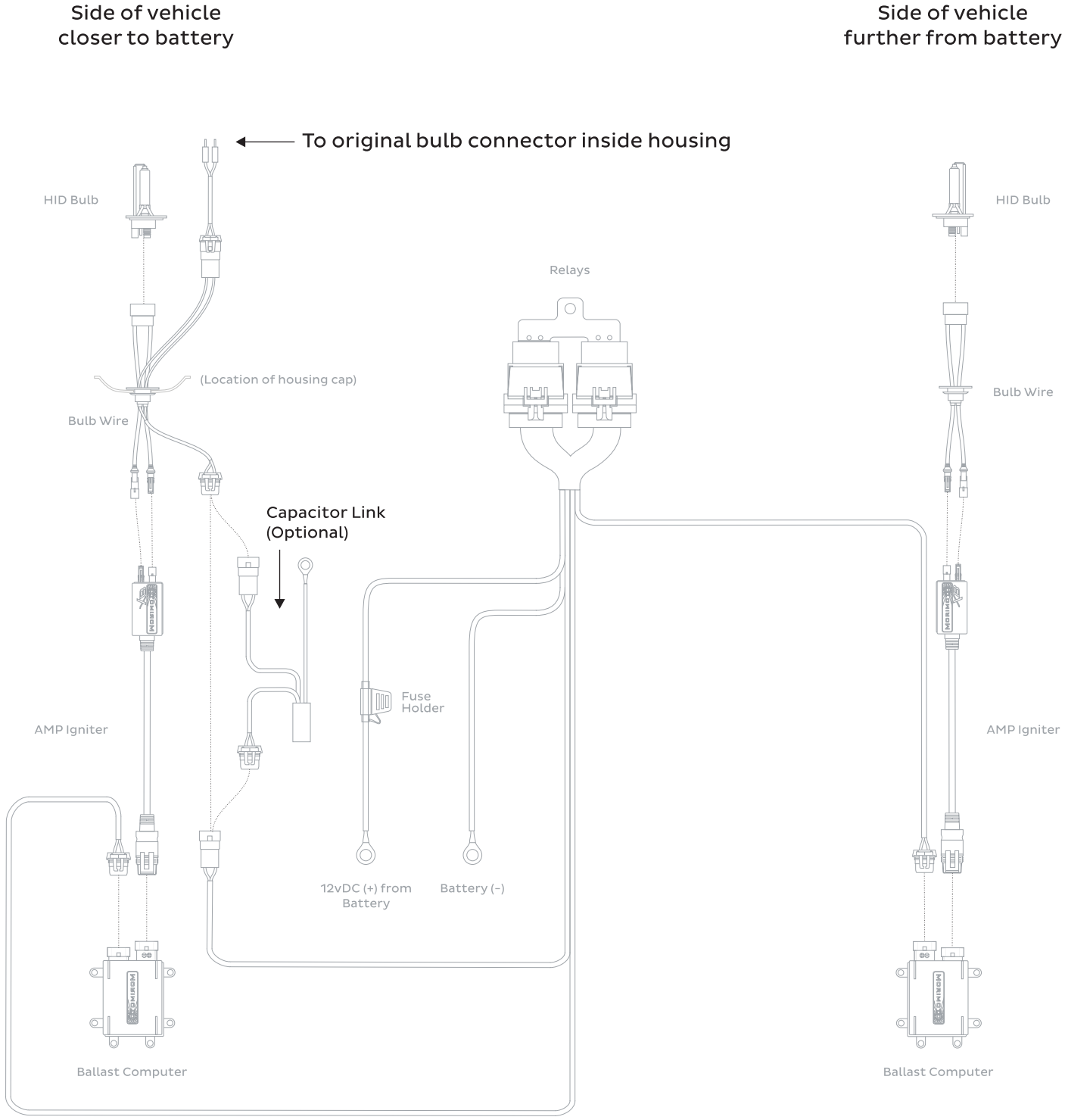
SYSTEM DIAGRAMS

NOTE: System diagrams are to be used for reference purposes only. If you are unsure of the installation procedure for any individual part, review its install procedure prior to proceeding.

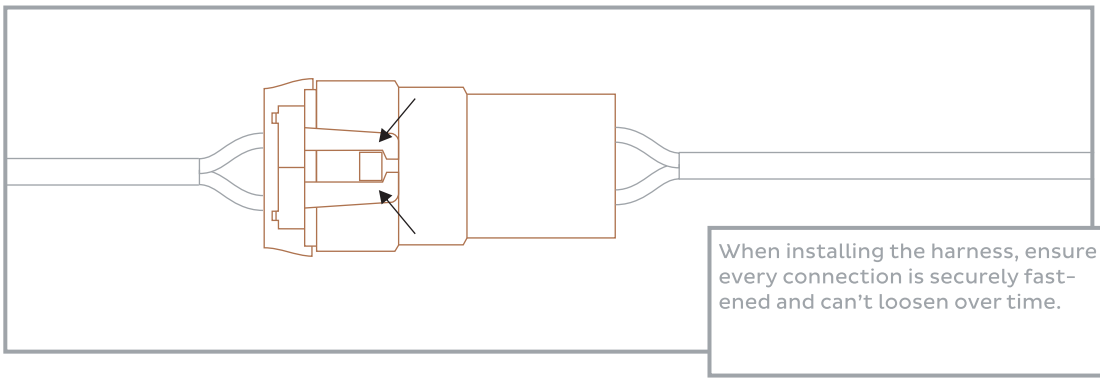
INTERNALLY-WIRED W/ STANDALONE CANBUS



INTERNALLY-WIRED W/ HD RELAY HARNESS

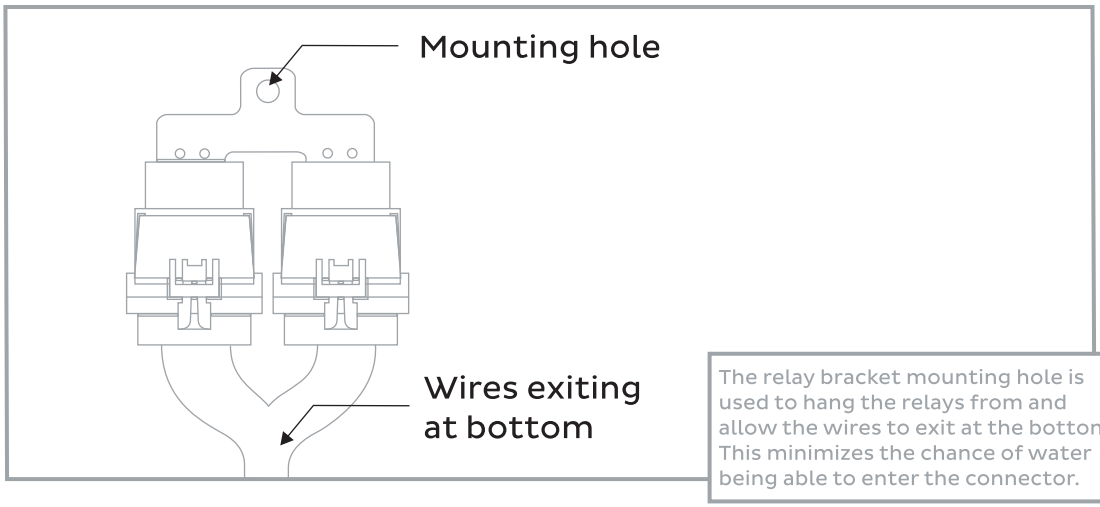


SPECIAL NOTE: ALL HARNESS TYPES



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

SPECIAL NOTE: HD RELAY HARNESS



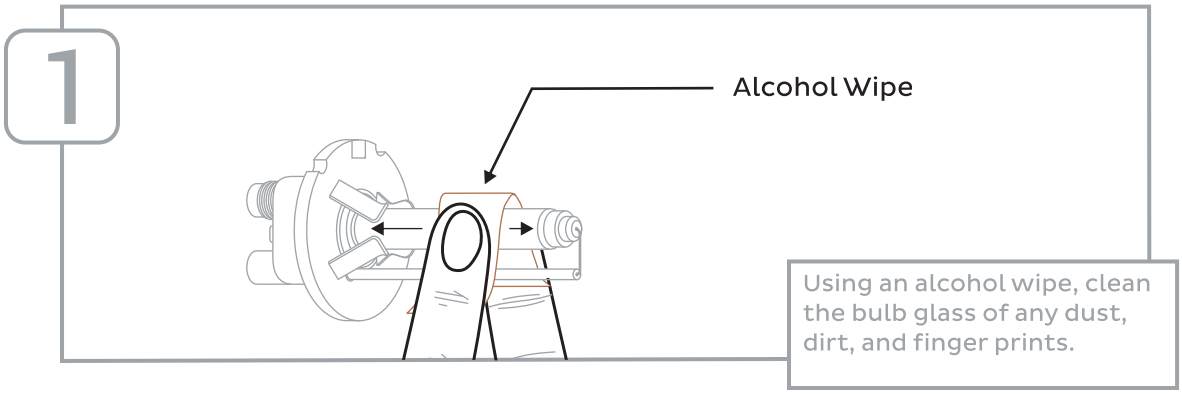
The relay bracket mounting hole is used to hang the relays from and allow the wires to exit at the bottom. This minimizes the chance of water being able to enter the connector.

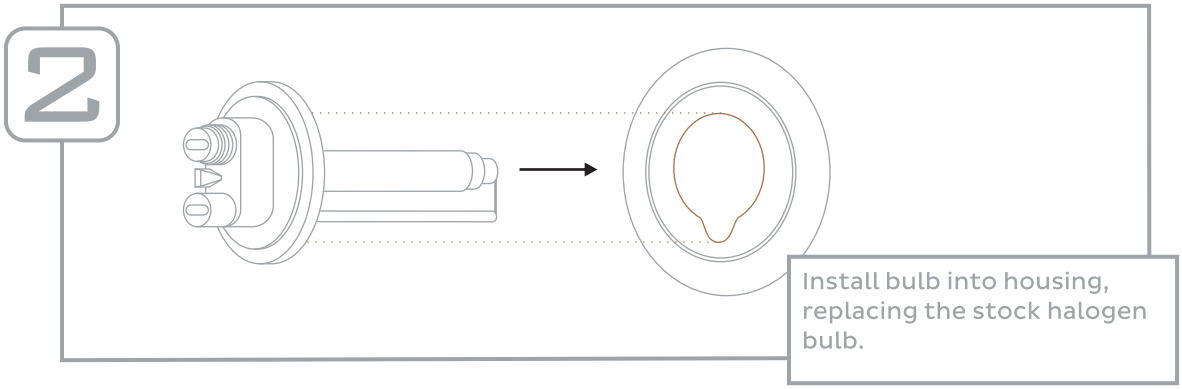
BULB INSTALLATION

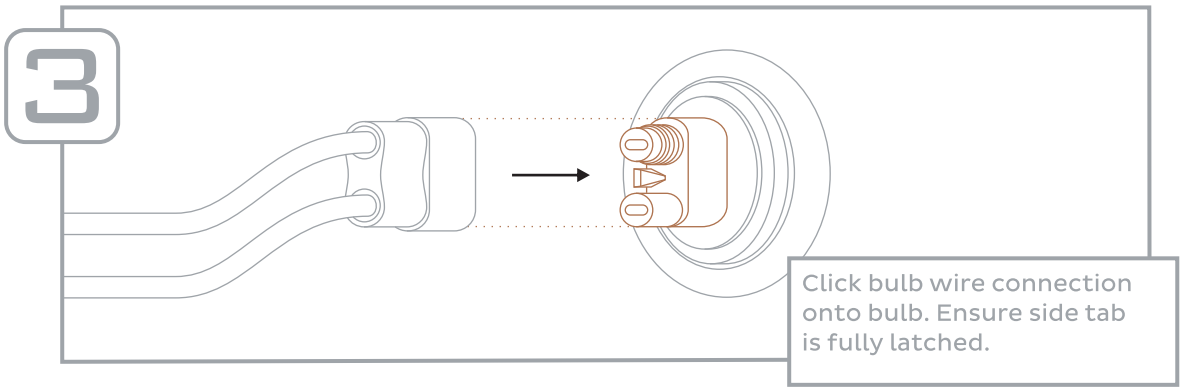
CAUTION: HOT!

HANDLE ONLY WITH BLACK PLASTIC BASE

STEP BY STEP - INTERNALLY-WIRED







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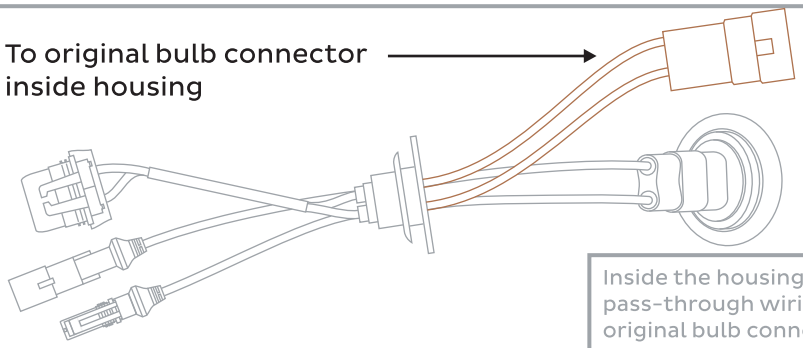

Inside the housing, connect the pass-through wiring into the original bulb connector.
NOTE: Style may vary

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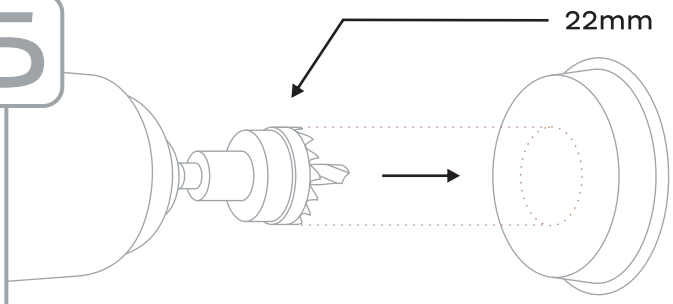
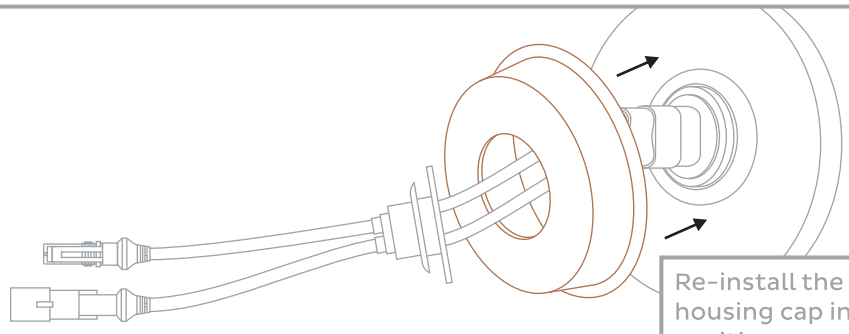


In the factory housing cap that covers the bulb, drill a 22mm hole using a hole saw.

6



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

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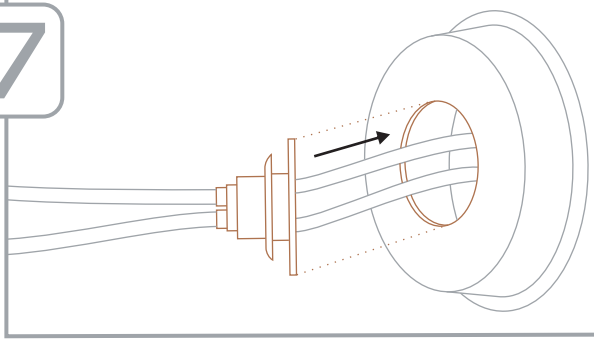
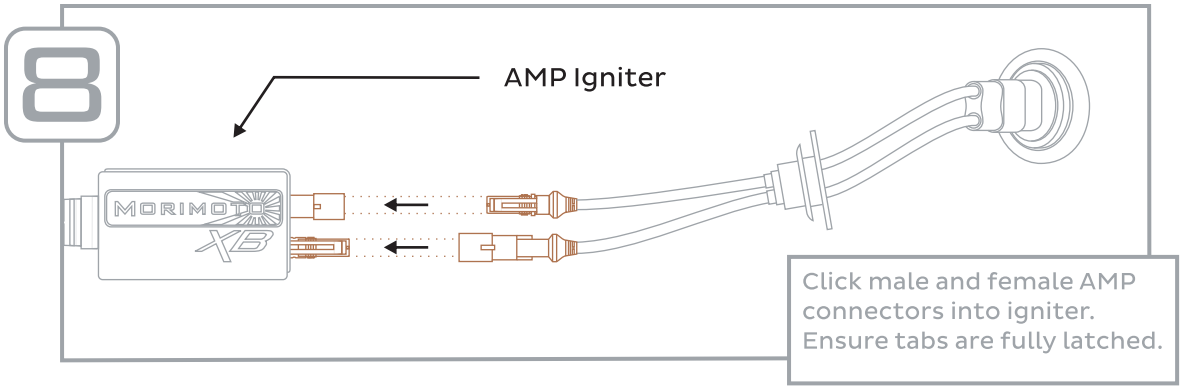
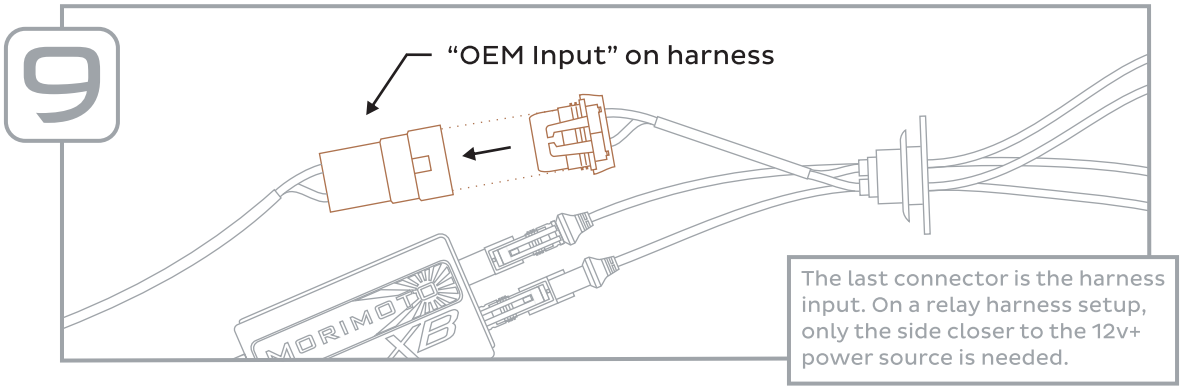


Fit black silicone gasket into hole in housing cap, allowing each side to be fully covering the hole.

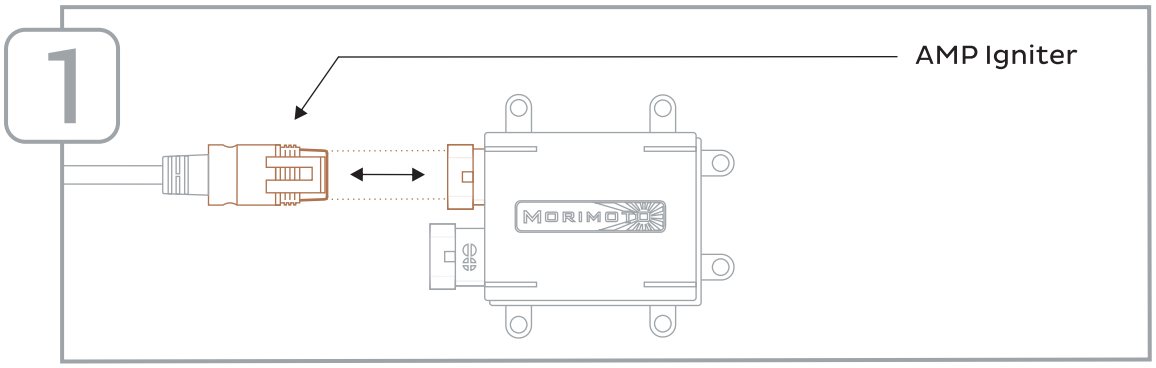




BALLAST INSTALLATION

DO NOT IGNITE UNTIL FULLY CONNECTED!

WATERPROOF



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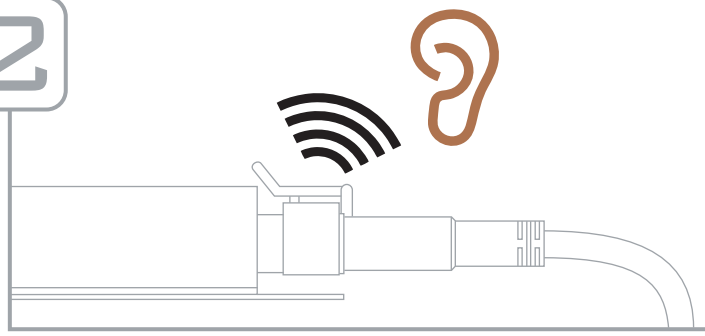
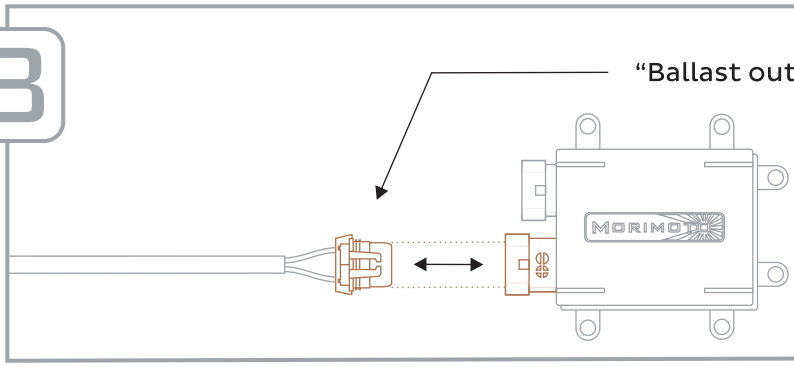


Listen for click of connectors to ensure fully seated!

3

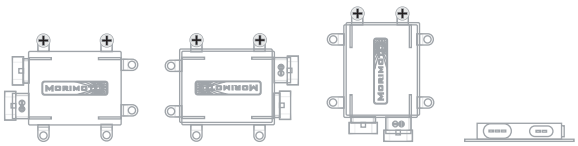


4

Listen for click of connectors to ensure fully seated!

5

Recommended mounting:



Do not mount ballast with connectors aimed upward!

-END-