



THE RETROFIT SOURCE
The Best Brands in Automotive Lighting

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INSTALLATION GUIDE:

D2S OEM ELITE HID SYSTEM





WARNING: By reading this document, I agree it is only to be used as an educational guide. The Retrofit Source 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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STANDARD PARTS



2x Denso Slim Ballasts



2x D2S HID Bulbs



1x Ballast Test Lead

AND YOUR CHOICE OF:



2x Morimoto Canbus Harnesses



1x Morimoto HD Relay Harness



1x Morimoto MotoControl Harness

OPTIONAL PARTS



1x Morimoto Capacitor Link



Ballast Waterproofing Service

SPECIAL NOTE:



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 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.



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.

IDENTIFYING YOUR INSTALLATION TYPE



NOTE: There are two types of wiring installations with this system: EXTERNAL LOW-BEAM and DUAL FILAMENT. The installation guide that follows will cover both types.

EXTERNAL LOW-BEAM

Separate low and high beam bulbs; When you can access the bulb from the back of the headlight without removing any caps or covers. Wiring for the bulb is visible and accessible outside of the housing.



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DUAL FILAMENT

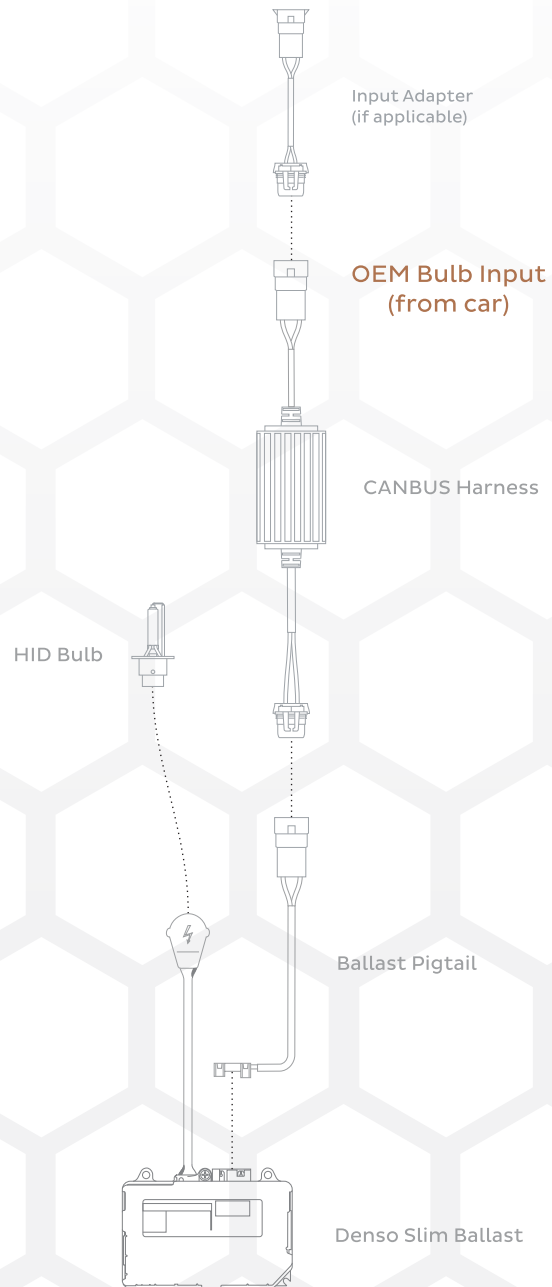
Shared low/high beam bulb; You can access the bulb from the back of the headlight without removing any caps or covers. Wiring for the bulb is visible and accessible outside of the housing.



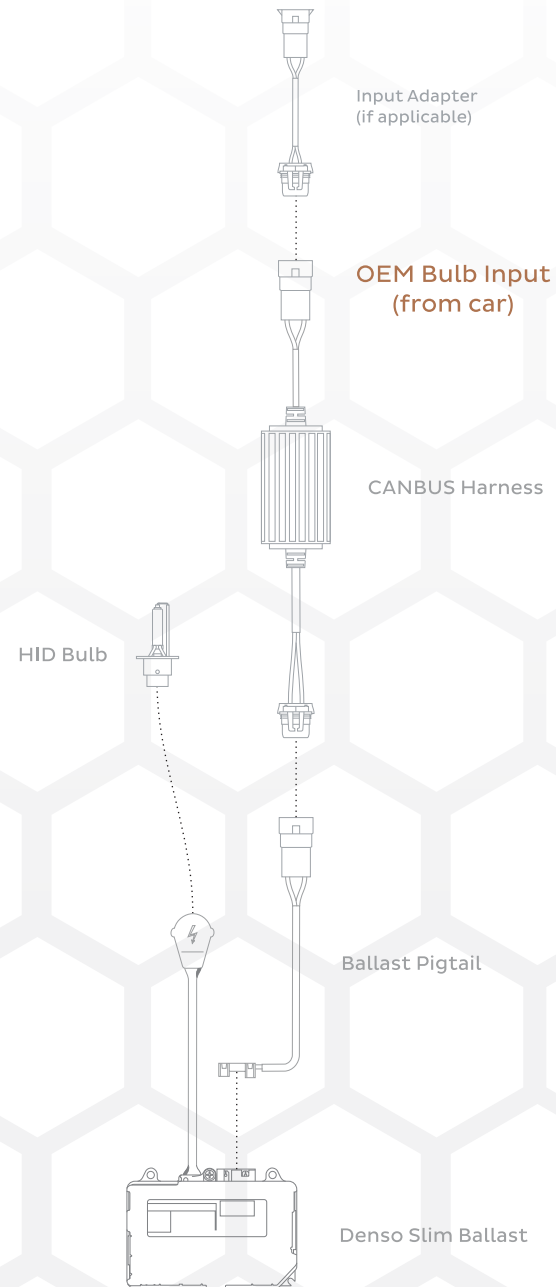
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EXTERNALLY-WIRED W/ STANDALONE CANBUS HARNESSES

Right Side of Vehicle



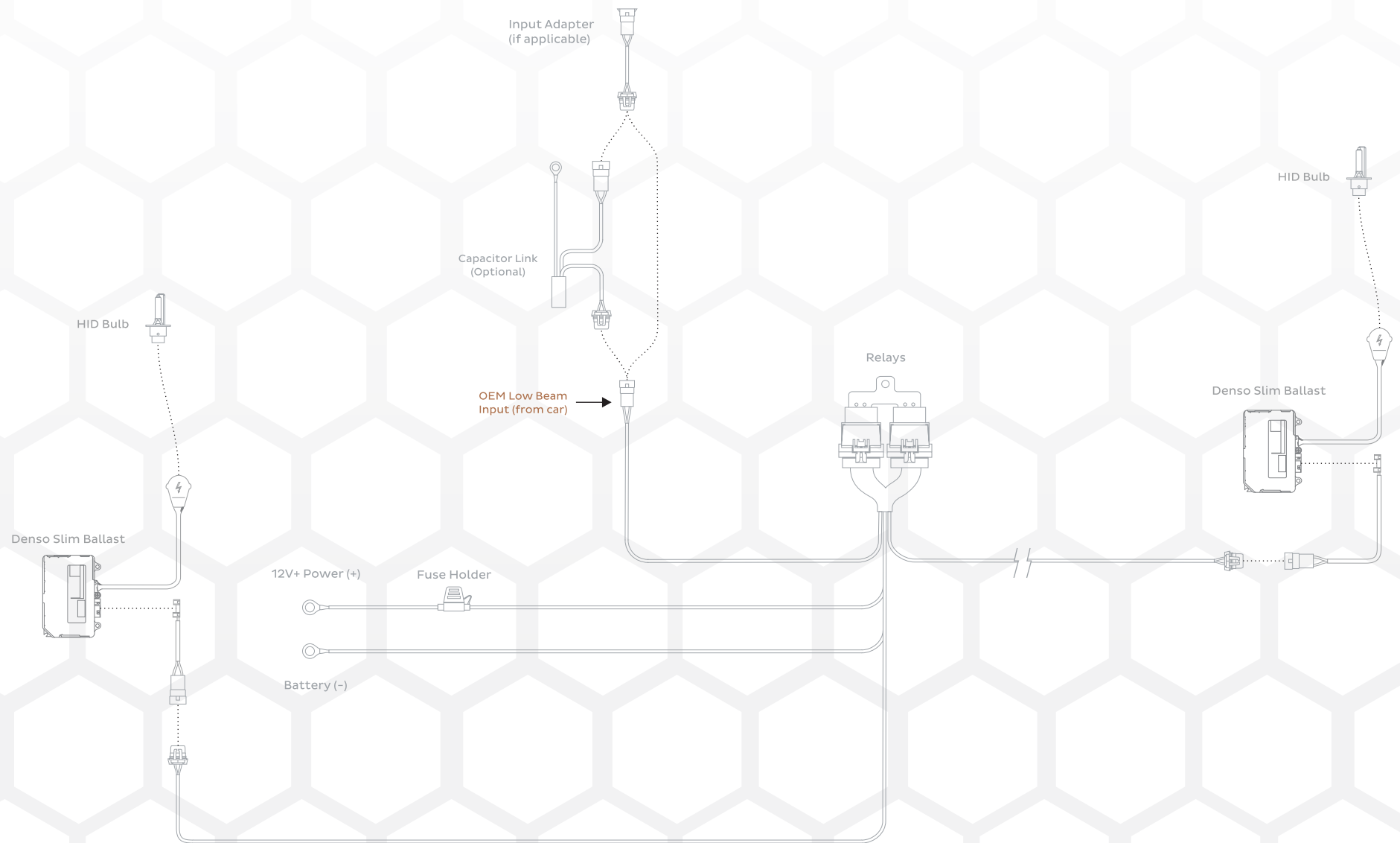
Left Side of Vehicle



EXTERNALLY-WIRED W/ HD RELAY HARNESS

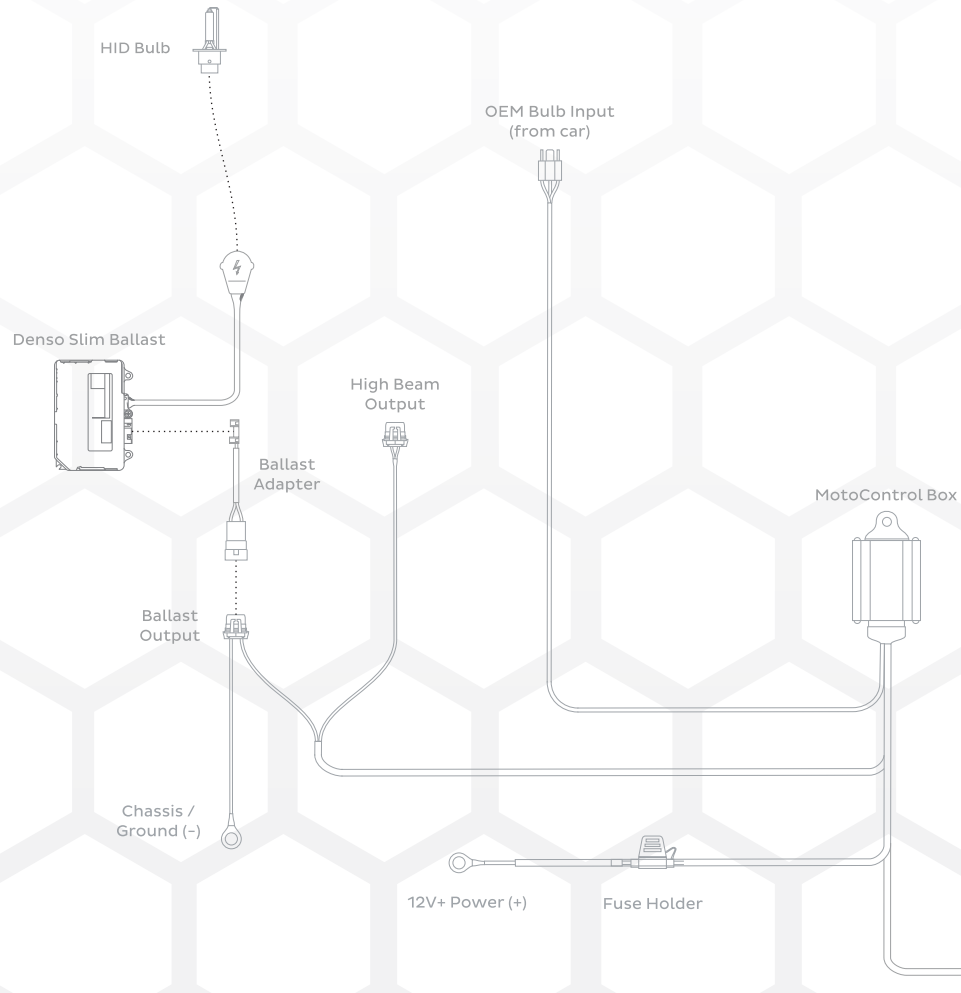
Side of vehicle
closer to battery

Side of vehicle
further from battery

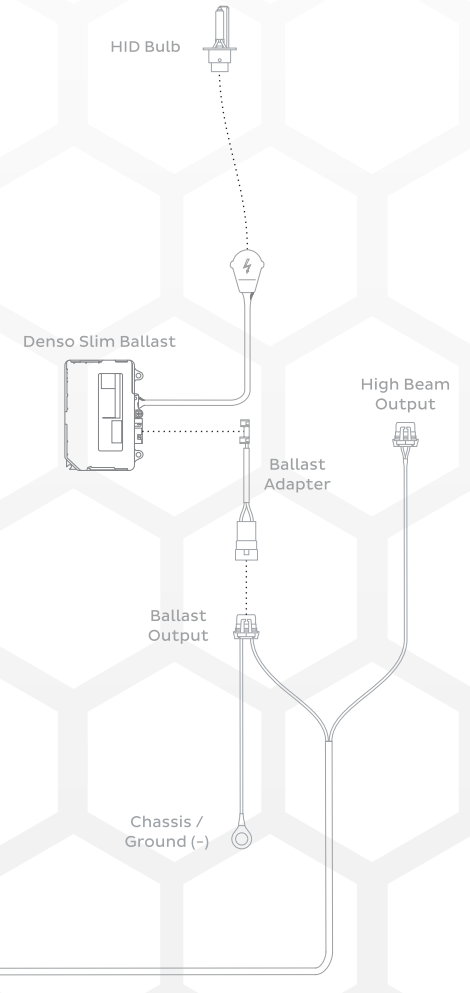


DUAL FILAMENT W/ MOTOCONTROL HARNESS

Side of vehicle
closer to battery

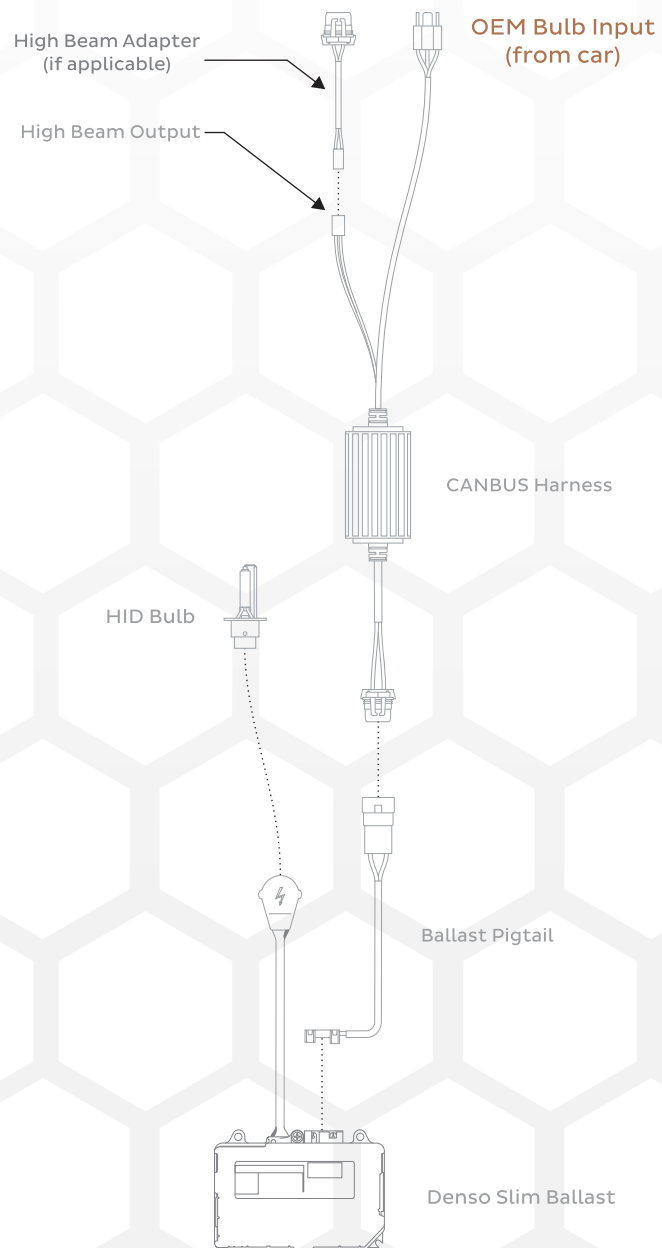


Side of vehicle
further from battery

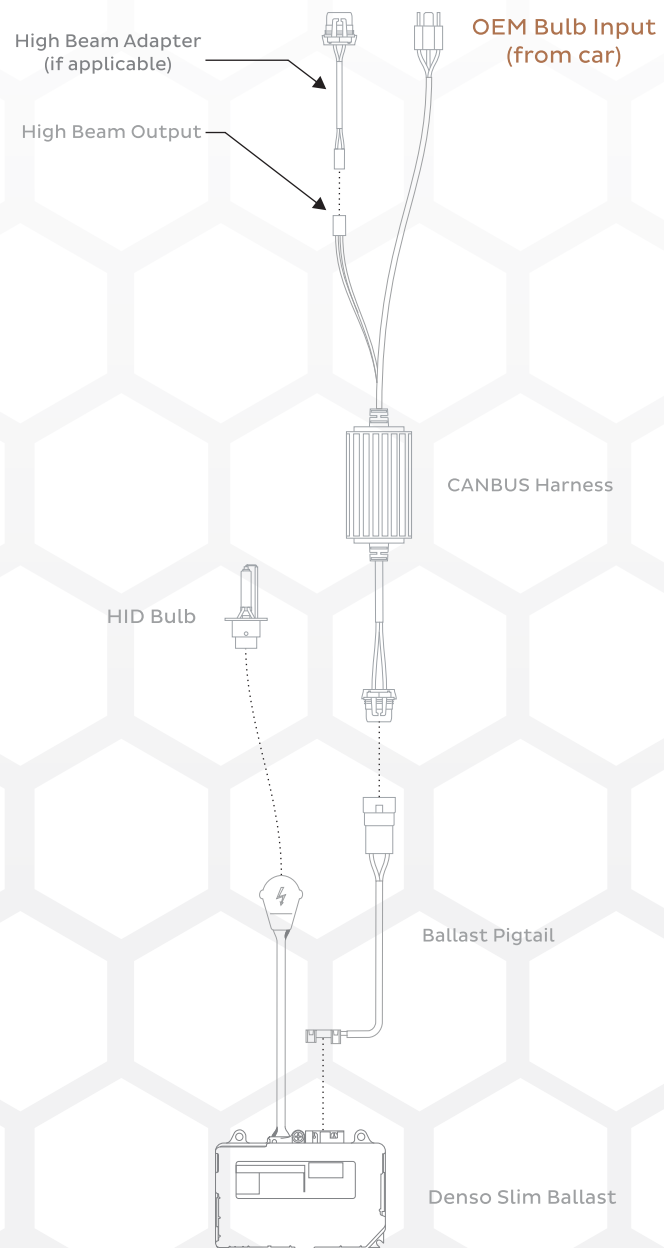


DUAL FILAMENT W/ STANDALONE CANBUS HARNESSES

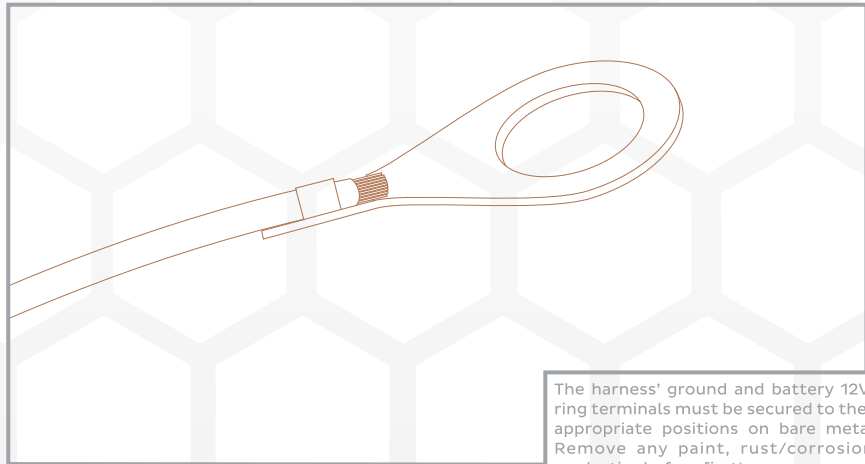
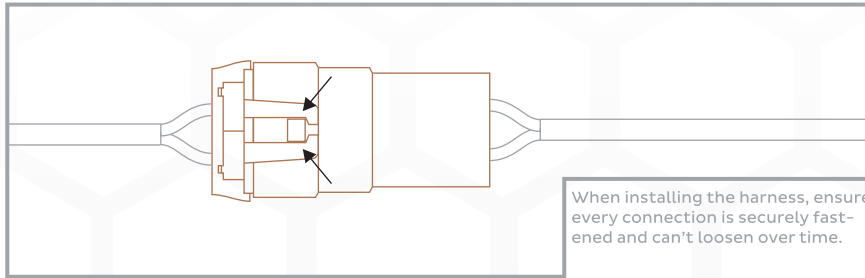
Right Side of Vehicle



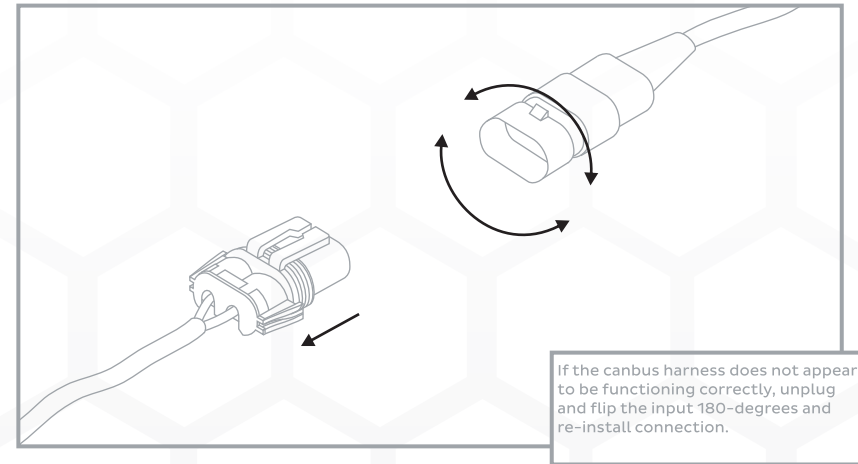
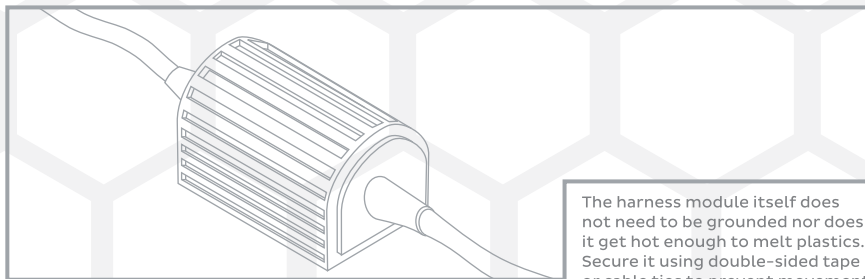
Left Side of Vehicle



HARNESS INSTALLATION



STANDALONE CANBUS HARNESSES ONLY:



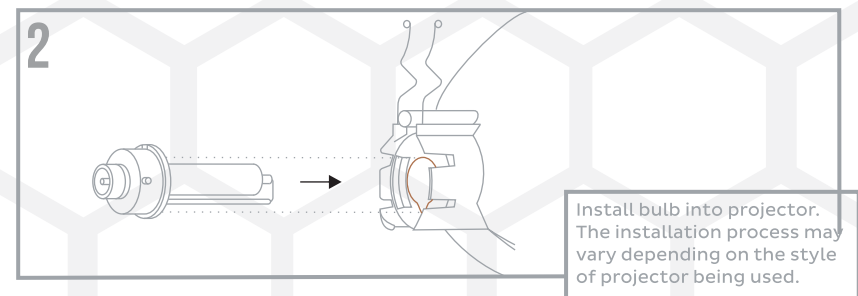
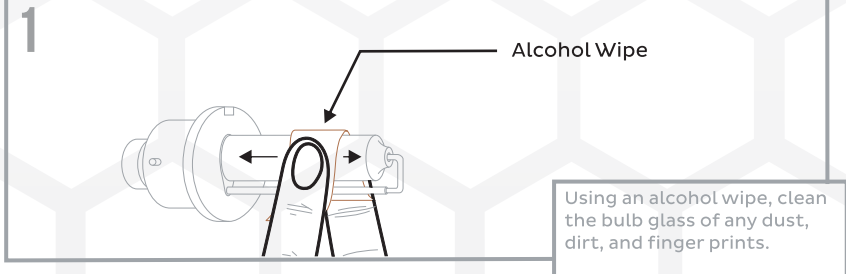
BULB INSTALLATION



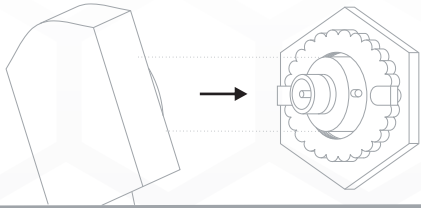
Do not ignite until fully connected



Waterproof

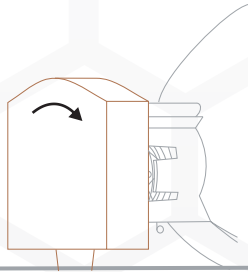


3



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

4



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.

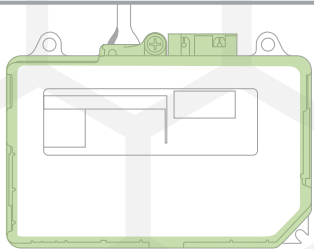
BALLAST INSTALLATION



Do not ignite until fully connected

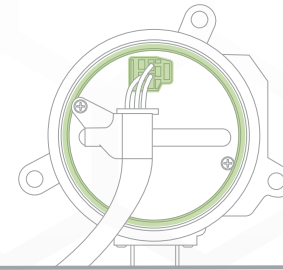


NOT Waterproof



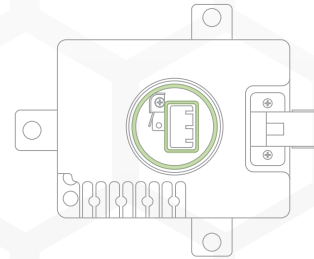
Possible areas of water ingress

Denso ballasts are absolutely NOT waterproof out of the box. We offer waterproofing service for \$100 additional, which includes water ingress coverage. If you do not select this service, any water damage is NOT covered under warranty.



Possible areas of water ingress

Matsushita ballasts are NOT waterproof out of the box. We offer waterproofing service for \$100 additional, which includes water ingress coverage. If you do not select this service, any water damage is NOT covered under warranty.



Possible areas of water ingress

Mitsubishi ballasts are mostly waterproof out of the box. The only potential point of water ingress is around the main igniter cable output in the center of the ballast casing as indicated.

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