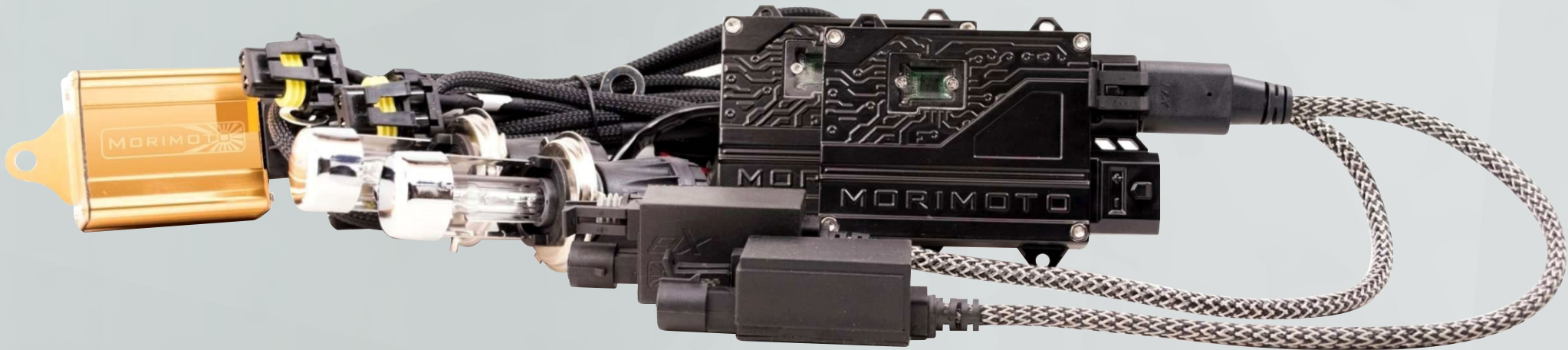




THE AUTOMOTIVE LIGHTING BENCHMARK

# BI-XENON ELITE HID SYSTEM INSTALL GUIDE

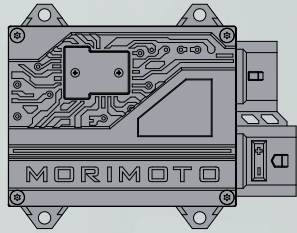
WARNING: By reading this document, you agree it is only to be used as an educational guide. Morimoto Lighting nor its dealers make guarantees on any finished results, nor are they to be held responsible for any damage, misuse, or personal injuries. If you are unable to clearly understand and adapt the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



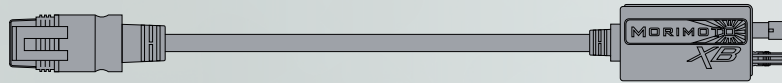
# PARTS IDENTIFICATION

## STANDARD PARTS

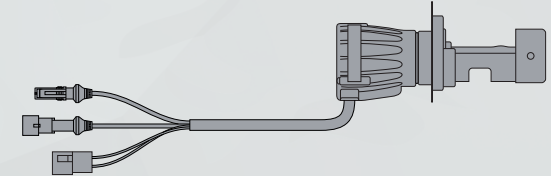
2x BALLAST COMPUTERS



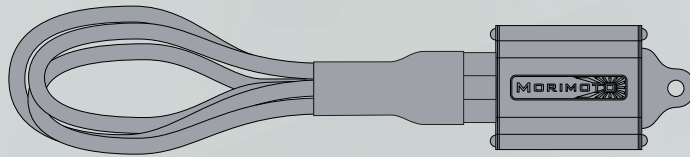
2x AMP IGNITERS



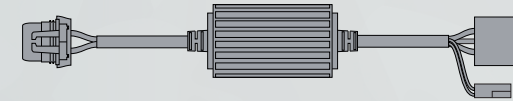
2x HID BULBS  
(STYLE MAY VARY)



## HARNESS OPTIONS

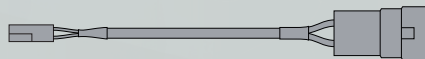


MOTOCONTROL BI-XENON HARNESS  
(IDEAL FOR MOST VEHICLES)



STANDALONE CANBUS HARNESSES  
(IDEAL FOR ELIMINATING "BULB OUT" ERRORS)

## ADDITIONAL PARTS



HIGH BEAM MOLEX ADAPTER  
(INCLUDED WITH MOTOCONTROL HARNESS)



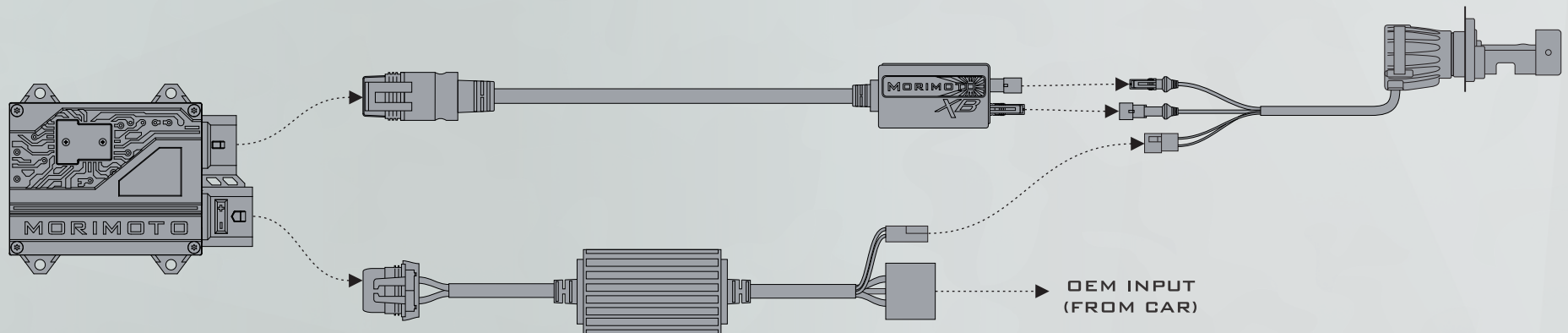
NOTE: System diagrams are to be used for reference purposes only. If you are unsure of the installation procedure for any single part, review that part's installation procedure prior to proceeding.

EXTERNALLY-WIRED HEADLIGHT DIAGRAMS:	
WITH STANDALONE CANBUS HARNESSSES	P. 4
WITH HD RELAY HARNESS	P. 5
INTERNALLY-WIRED HEADLIGHT DIAGRAMS:	
WITH STANDALONE CANBUS HARNESSSES	P. 6
WITH HD RELAY HARNESS	P. 7
PRODUCT INSTALLATION NOTES:	
BALLAST COMPUTERS / IGNITERS	P. 8
HID BULBS	P. 8
BASIC TROUBLESHOOTING TIPS	P. 9

## HEADLIGHT DIAGRAMS

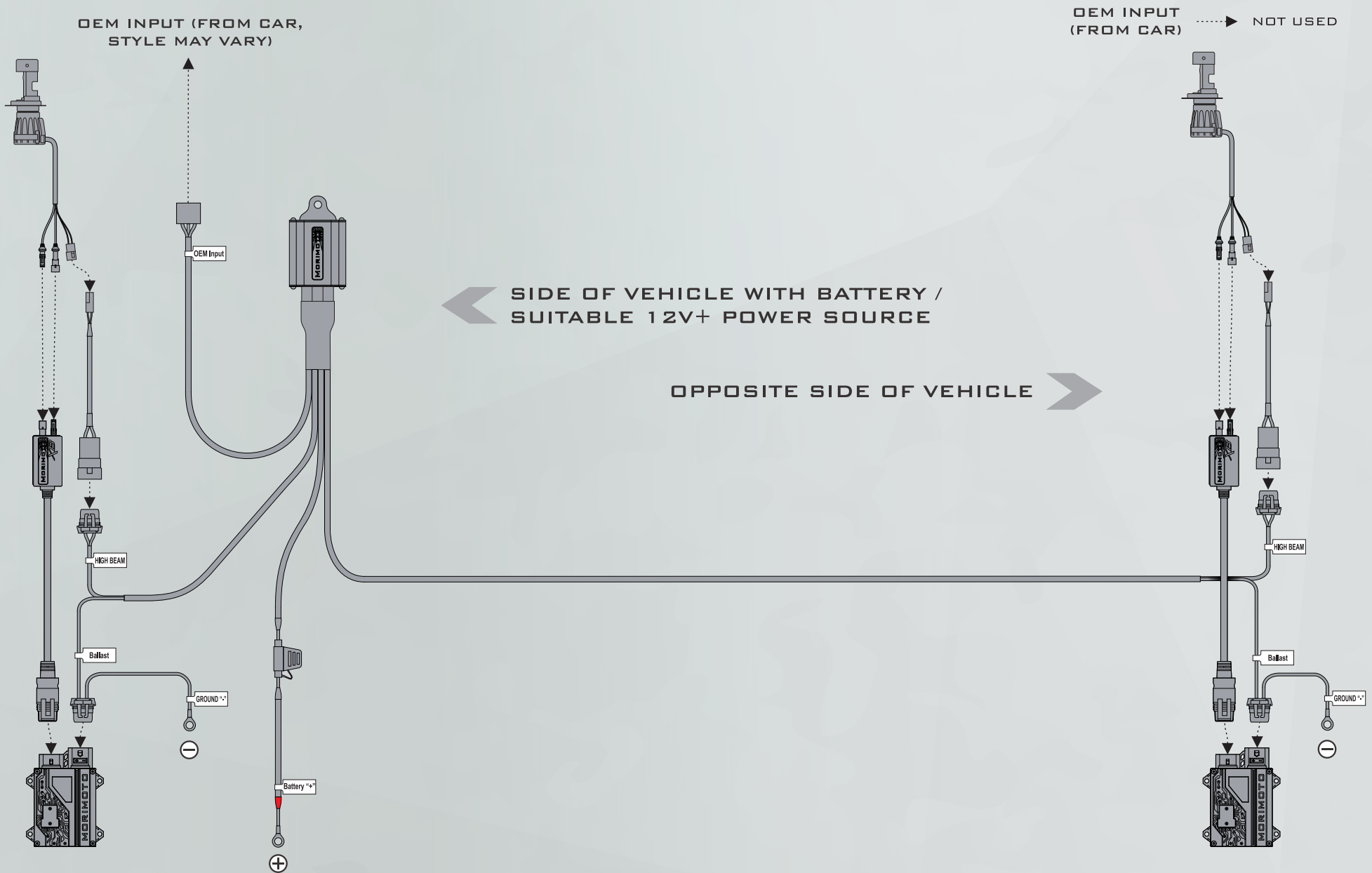
### EXTERNALLY-WIRED HEADLIGHTS WITH STANDALONE CANBUS HARNESSSES

! THIS SCHEMATIC IS MIRRORED ON BOTH SIDES OF VEHICLE



! SKIP TO PAGE 5 FOR PRODUCT INSTALLATION NOTES

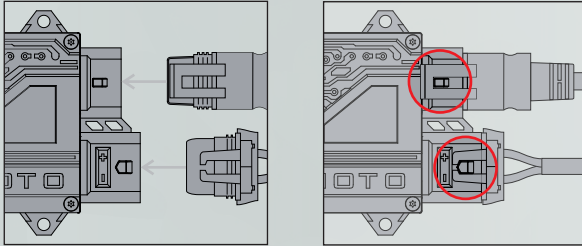
# EXTERNALLY-WIRED HEADLIGHTS WITH MOTOCONTROL HARNESS



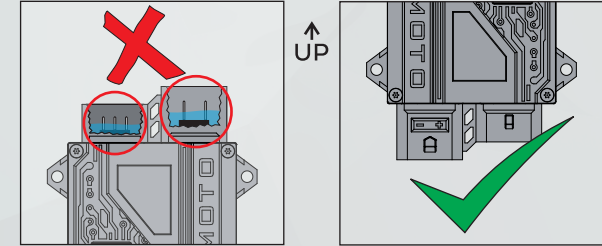
! SKIP TO PAGE 5 FOR PRODUCT INSTALLATION NOTES

# PRODUCT INSTALLATION NOTES

## BALLAST COMPUTERS / IGNITERS

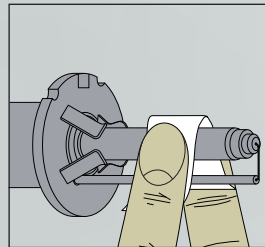


When connecting the ballast and igniter to their proper connections, ensure the latches of the connector surround the rear of the tabs to maintain proper connectivity.

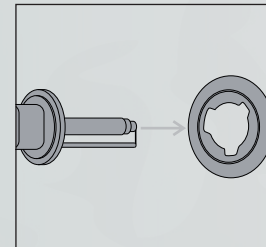


When mounting the ballast on the vehicle, do not mount it in an orientation that will allow water to naturally enter the connections and cause issues. Ideally, connectors should face downward (toward the ground) to reduce the risk.

## HID BULBS



Using a new alcohol wipe, clean the bulb glass of any dust, dirt, or finger prints prior to installation.

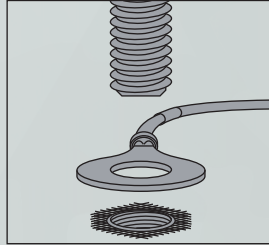


The new HID bulbs will install just like the original halogen bulbs they replace (in most applications).

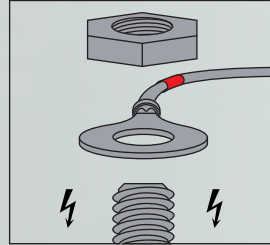
# BASIC TROUBLESHOOTING TIPS

## ISSUE: NO ILLUMINATION

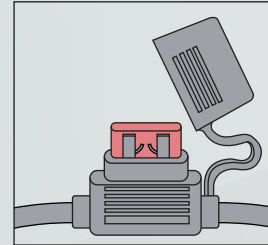
If neither headlight illuminates, it's likely due to one of the following issues that should be checked:



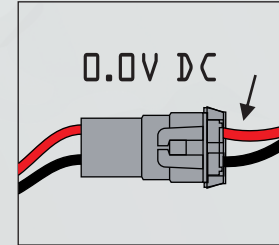
Lack of / poor grounding (Must go to bare metal and not piggyback other ground terminals.)



Ring terminal not fully secured to battery / sufficient 12V+ source.



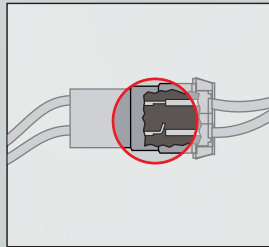
Blown harness fuse or poor fuse fitment in fuse holder.



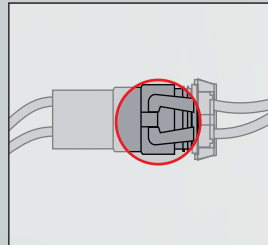
No power to headlight circuit from vehicle, due to fuse or other issue.

## ISSUE: ONLY ONE LIGHT ILLUMINATES

If only one headlight illuminates, it's unlikely a faulty part, but may be one of the following:



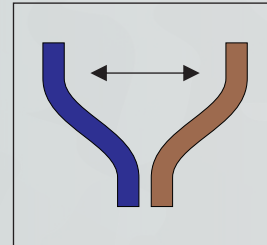
Bent pin in a connector, which would result in no power / ground being transferred to one side.



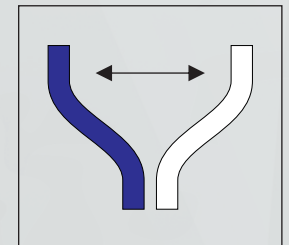
A connection is not fully inserted, so no power / ground can be transferred.

## ISSUE: NO OR REVERSED HIGH BEAM FUNCTION

The pinout of the input plug being in the wrong orientation (relative to your stock connector's pinout) will cause either reversed low/high beam functions of the system or no change when going to high beam.



For reversed low/high beam functions, swap the blue and brown wires in the input connector.



If you have no high beam function, swap the blue and white wires in the input connector.