INSTALLATION GUIDE

STANDALONE CANBUS HARNESSES
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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**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.

**IDENTIFYING YOUR INSTALLATION TYPE**

NOTE: There are three types of wiring installations for HID systems:
- EXTERNALLY-WIRED LOW BEAM
- INTERNALLY-WIRED LOW BEAM
- DUAL FILAMENT

The installation diagrams that follow will cover all three types.

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**SPECIAL NOTE**

Standalone CANBUS harnesses are for use in many popular European vehicles as well as other fitments. Certain CANBUS systems require different harness setups for proper function and “bulb check” error avoidance. Consult your Authorized Morimoto dealer for further information and recommendations.

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**EXTERNALLY-WIRED 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.

Proceed to P.3

**INTERNALLY-WIRED LOW BEAM**

Separate low and high beam bulbs; When you must first remove a cap (generally plastic) to access the bulb. Inside the housing, there is wiring going to the bulb.

Proceed to P.4

**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.

Proceed to P.5
When installing the harness, ensure every connection is securely fastened and can’t loosen over time.

The harness module itself does not need to be grounded nor does it get hot enough to melt plastics. Secure it using double-sided tape or cable ties to prevent movement.

If the canbus harness does not appear to be functioning correctly, unplug and flip the input 180-degrees and re-install connection.

On Bi-Xenon models, the high beam output may need a high beam adapter (sold separately) depending on the necessary connector type of your high beam.

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