

# BEAMERS

*Beams Your Way!*

January 13, 2010

HID-WH-D2, High-Low Relay Kit

OBJECTIVE: To have low and high beam on at the same time when high beam circuit is triggered.

**Step 1.** Find common wire (wire that does not change when switching from low to high beam). Most vehicles have ground as the common wire but some vehicles (GM included) use positive as common wire.

All you need to know is what will disappear when you switch from Low to High;

- If Positives disappears – Ground is common - **Diagram 1.**
- If Ground disappears – Positive is common - **Diagram 2.**

## Diagram 1 - Negative common wire.

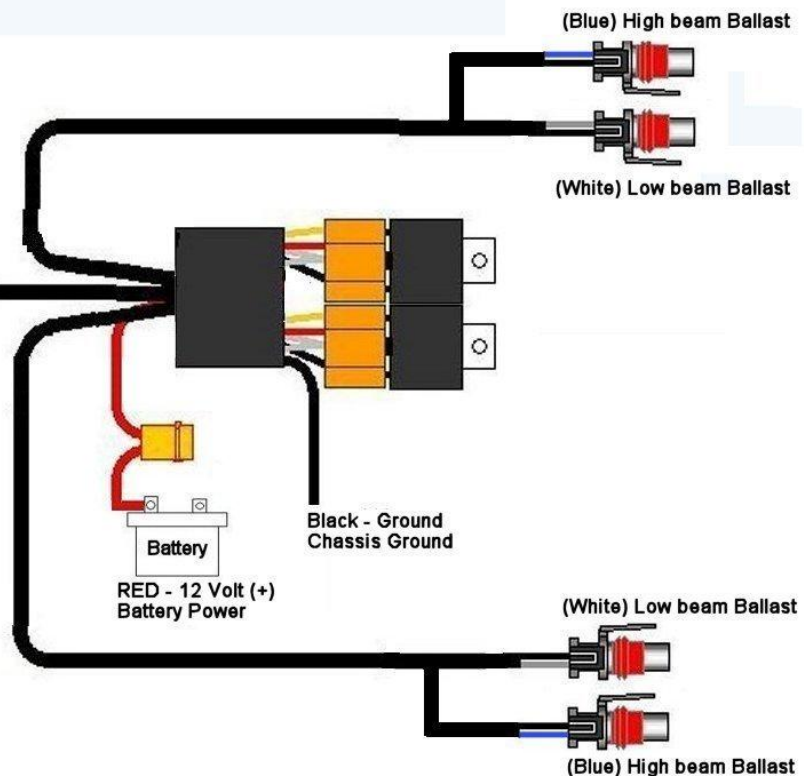
**Caution:** Incorrect wire installation will cause fuse and diode to blow.  
Test before connecting Input wires

### Input wires

Black  
Vehicle  
Common wire  
(Ground)

Blue  
Vehicle  
Low Beam wire  
(+ 12V)

White  
Vehicle  
High Beam wire  
(+ 12V)



# Diagram 2 - Positive common wire.

**Caution:** Incorrect wire installation will cause fuse and diode to blow.  
Test before connecting Input wires

## Input wires

Vehicle  
Common wire  
(+ 12V - Power)



Vehicle  
Low Beam wire  
(Ground)



Vehicle  
High Beam wire  
(Ground)

