



Notice!

This BL405A halogen flasher, like all B*LINK components, can be installed in many different types of vehicles. The guidelines for the installation of this product are written so that no matter what vehicle is being used, the installation and operation of the BL405A will be simple and straight forward.

Selecting a mounting location...

The logical choice for a mounting area would be a trunk or similar compartment. However, due to the wide variety of vehicles onto which the BL405A could be installed, this is not always possible. The following guidelines will help the installer select an acceptable alternative:

- A) The BL405A should be mounted on a metal surface to aid heat dissipation. Be sure that this surface is not one that either generates or is exposed to excessive heat during normal operation of the vehicle.
- B) Do not select a location where the BL405A will be exposed to potential damage from any unsecured or loose equipment in the vehicle.
- C) Be sure the area selected will not allow the BL405A to be exposed to water!.
- D) When routing the BL405A's wires, it is important to choose a path that will keep these wires away from excessive heat and from any vehicle equipment that could compromise the integrity of the wires (ex. trunk lids, door jams, etc.)

WARNING: All customer supplied wires, that connect to the positive (+) terminal of the battery, must be sized to supply at least 125% of the maximum operating current, and fused "at the battery" to carry the load!

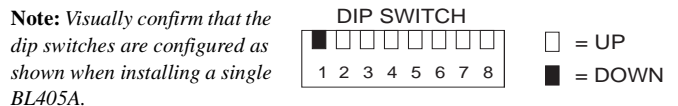
WARNING: When extending the communication wires (BLUE & GREY), similar "twisted pair" wires MUST be used!

When the best mounting location has been determined, securely fasten the BL405A to it's mounting surface using the supplied hardware.

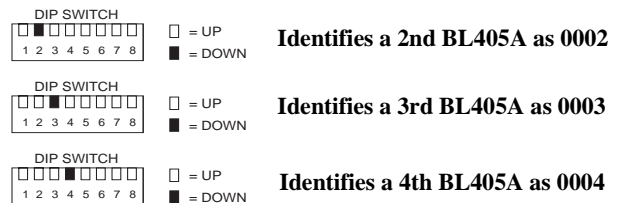
Caution: As it will be necessary to drill holes into the mounting surface, the installer **MUST** be sure that no vehicle components or other vital parts could be damaged by the drilling process. Check both sides of the mounting surface before drilling begins!

Addressing your BL405A...

If there is to be more than one BL405A installed on a single vehicle, it will be necessary to set the network address on both units. As you will see, the dip switch banks for all BL405A halogen flashers are configured at the factory as shown:



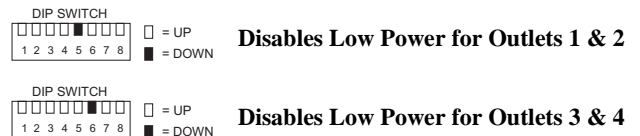
In this configuration (dip #1 down - all other's up), this BL405A will be identified to the B*LINK network with address "0001". If more than one BL405A is installed on a single vehicle, subsequent BL405A's must change their dip switch settings as follows:



Refer to your MPC01 operating manual for information on how to operate the BL405A halogen flasher.

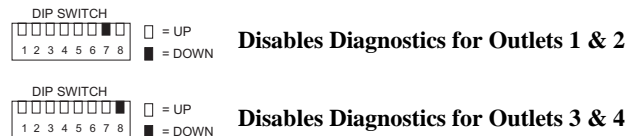
Low Power Disable...

If the operator wishes to disable the Low Power activation on specific pairs of outlets, the following dip switch settings must be used:

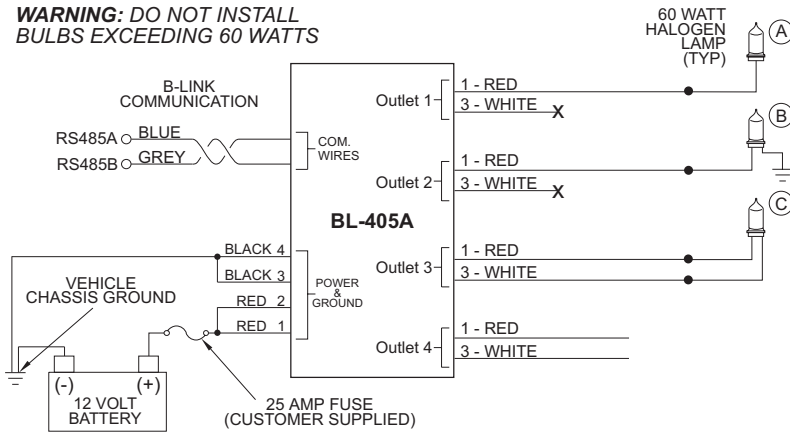


Diagnostics Disable...

If the operator wishes to disable the Diagnostic activation on specific pairs of outlets, the following dip switch settings must be used:



WARNING: DO NOT INSTALL BULBS EXCEEDING 60 WATTS



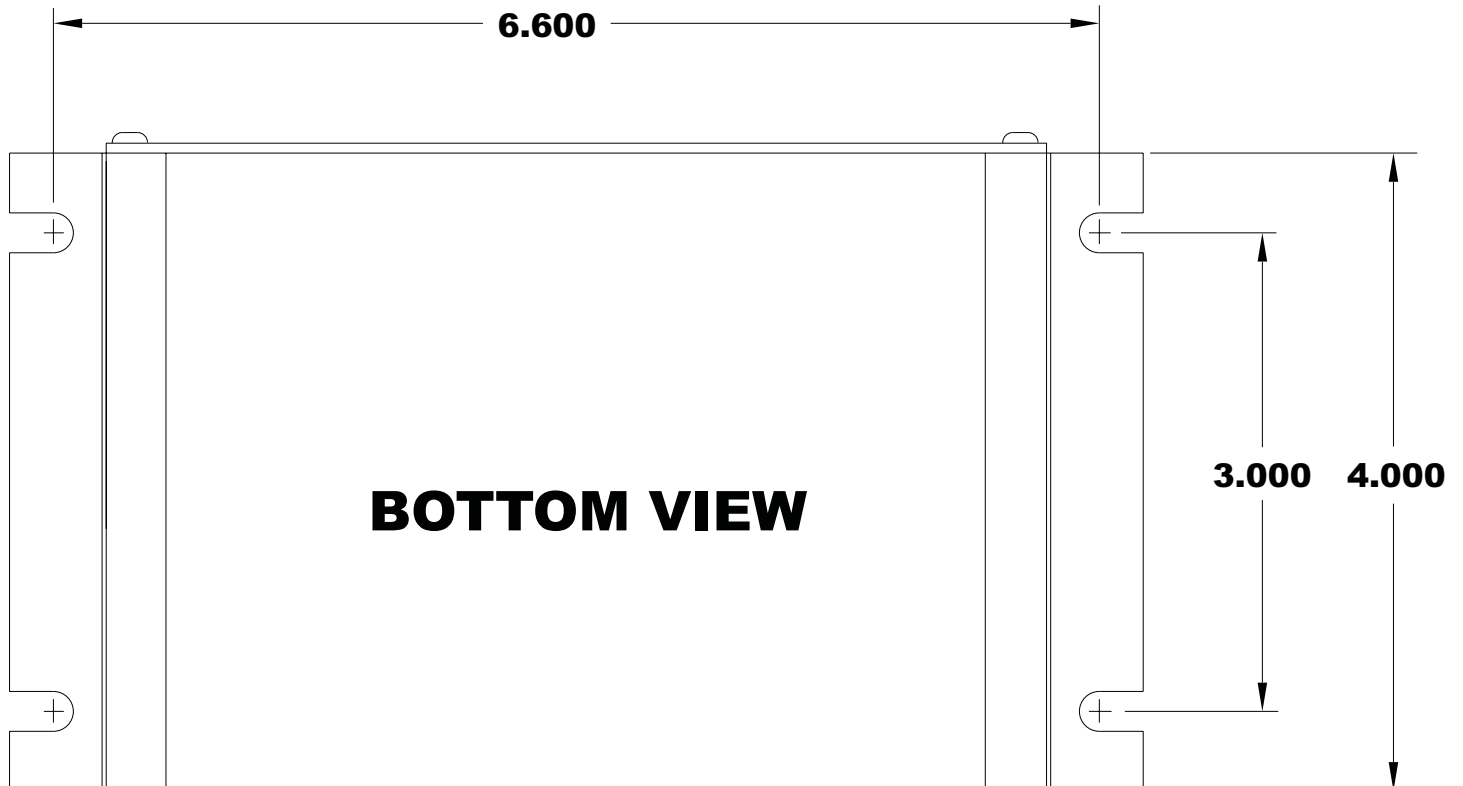
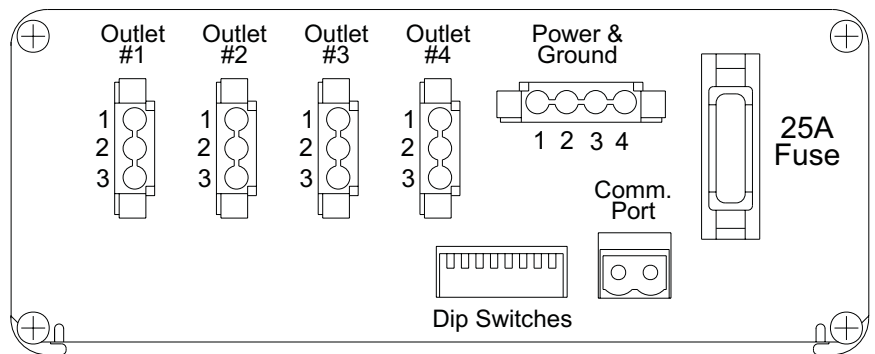
Example A - Represents an internally grounded halogen lamp. In this example, connect the halogen lamp's wire to the RED wire (pin #1) on the provided harness plug and remove the WHITE wire (pin #3) from the harness plug.

Example B - Represents a halogen lamp that is grounded to the chassis at a location local to the lamp. In this example, connect the halogen lamp's wire to the RED wire (pin #1) on the provided harness plug and remove the WHITE wire (pin #3) from the harness plug.

Example C - Represents a halogen lamp with both its wires connected to the BL405A. This is the recommended installation, as it ensures the most reliable grounding of the lamp.

FRONT VIEW

SPECIFICATIONS	
POWER	
INPUT VOLTAGE	12.8VDC 20%
OUTPUT VOLTAGE	INPUT VOLTAGE - 1VDC
OUTPUT CURRENT/OUTLET	5 AMPS(MAX)
OUTPUT POWER/OUTLET	60 WATTS (TYP)
LOW POWER	PWM 33%
COMMUNICATIONS	
TYPE	RS-485
BAUD RATE	9600bps



BOTTOM VIEW