

# Mars Light

## 5/8" High Intensity Halogen Lamp

#1446



MARS halogen unit provides for high intensity modulated lighting for halogen lamps. The lamp is provided with an appropriate high temperature socket with high temperature wires connected to the main board. These wires can be extended with appropriate wires for the application.

### Installation Instructions:

Locate a position to mount the MARS halogen unit with it's double sided tape. Make sure this area has adequate ventilation since the main heat sink (large black item) will get quite warm (as noted on it's picture). Nothing on the Mars board or heat sink may come into contact with any other metal or electrical part. Make sure the area is clean of grease for proper adhesion, peel tape covering and place in position.

The 5/8" high intensity halogen lamp (item #1448) is equipped with a ceramic socket. You need to mount these items as appropriate for your needs. Remember, these also get quite hot!

### Connections:

Connect the red / black wires to the 12 volt battery power as follows:

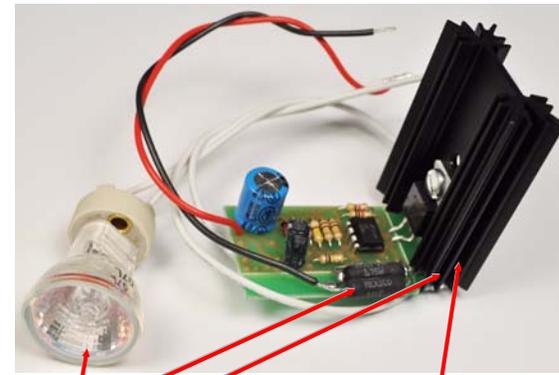
Red : "+" DC

Black : minus "-" terminal, (Ground)

Reversal of these wires will destroy the MARS board.

More detailed connections are shown on the back side.

Failure to properly mount or power the MARS nor bent or broken lamp pins or broken lamps are not covered by any warranty expressed or implied.

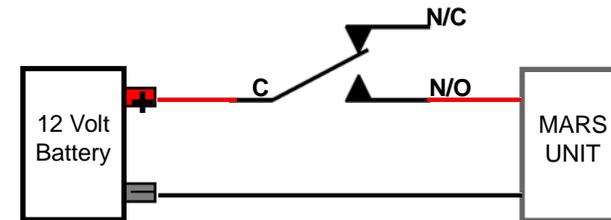


Heat generating items.

Heatsink - do not allow this to contact anything else!



Miniature Toggle Switch, item #524



Switch operating the MARS light:

Wire 12 volt battery "+" terminal wire to the "C" of the switch (item 524), the "N/O" portion would then be wired to the the RED wire from the MARS UNIT.

The Black wire from the MARS UNIT connects to the 12 volt battery "-" terminal. This terminal is also known as the "Ground" terminal.

Replacement high intensity 5/8" halogen lamp: Item #1448



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Leola, PA 17540  
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# Mars Light

## 2" High Intensity Halogen Lamp



#1447

MARS halogen unit provides for high intensity modulated lighting for halogen lamps. The lamp is provided with an appropriate high temperature socket with high temperature wires connected to the main board. These wires can be extended with appropriate wires for the application.

### Installation Instructions:

Locate a position to mount the MARS halogen unit with it's double sided tape. Make sure this area has adequate ventilation since the main heat sink (large black item) will get quite warm (as noted on it's picture). Nothing on the Mars board or heat sink may come into contact with any other metal or electrical part. Make sure the area is clean of grease for proper adhesion, peel tape covering and place in position.

The 2" high intensity halogen lamp (item #1449) is equipped with a ceramic socket. You need to mount these items as appropriate for your needs. Remember, these also get quite hot!

### Connections:

Connect the red / black wires to the 12 volt battery power as follows:

Red : "+" DC

Black : minus "-" terminal, (Ground)

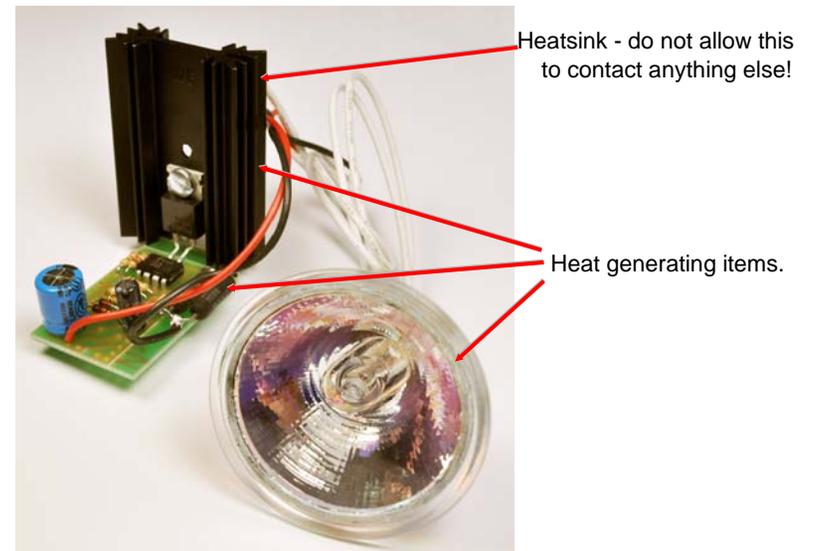
Reversal of these wires will destroy the MARS board.

More detailed connections are shown on the back side.

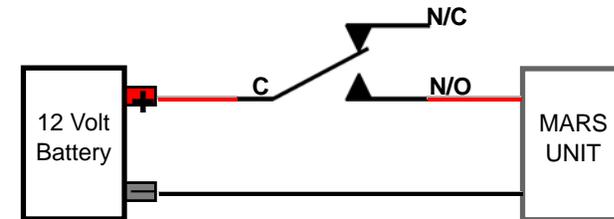
Failure to properly mount or power the MARS nor bent or broken lamp pins or broken lamps are not covered by any warranty expressed or implied.



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Miniature Toggle Switch,  
item #524



Switch operating the MARS light:

Wire 12 volt battery "+" terminal wire to the "C" of the switch (item 524), the "N/O" portion would then be wired to the the RED wire from the MARS UNIT. The Black wire from the MARS UNIT connects to the 12 volt battery "-" terminal. This terminal is also known as the "Ground" terminal.

Replacement high intensity 2" halogen lamps: Item #1449