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HEAVY DUTY AUXILIARY LIGHT RELAY KIT W/SWITCH INSTALLATION INSTRUCTIONS

FOR INSTALLING AUXILIARY FOG LIGHTS OR DRIVING LIGHTS TO A VEHICLE

- A. MOUNT LIGHTS IN THEIR PERMANENT LOCATION.
- B. MOUNT RELAY, USING SCREW PROVIDED, IN A LOCATION CLOSE ENOUGH TO THE BATTERY OR BATTERY SOURCE THAT THE RED RELAY POWER WIRE WILL REACH THE BATTERY OR BATTERY SOURCE. DO NOT CONNECT THE RELAY POWER WIRE AT THIS TIME.
- C. MOUNT THE CIRCUIT BREAKER PROVIDED IN A CONVENIENT LOCATION AS CLOSE AS POSSIBLE TO WHICHEVER POWER SOURCE (BATTERY OR BATTERY SOURCE) YOU ARE USING TO POWER THE RELAY.
- D. NEATLY ROUTE THE RED RELAY POWER WIRE TO ONE SIDE OF THE CIRCUIT BREAKER INSTALLED IN STEP C. CUT TO LENGTH AND INSTALL USING A SMALL BLUE RING TERMINAL. WITH ANOTHER SMALL BLUE RING TERMINAL TAKE THE REMAINING SECTION OF RED WIRE AND CONNECT TO THE UNUSED POST ON THE CIRCUIT BREAKER. ROUTE THE OTHER END OF THE RED WIRE TO THE BATTERY SOURCE AND CONNECT USING ONE OF THE SUPPLIED RING TERMINALS.

NOTE: THIS RELAY WILL POWER TWO LIGHTS BUT THE TOTAL CURRENT DRAW FOR BOTH MUST BE LESS THAN 30 AMP'S.

- E. ATTACH BLACK GROUND WIRE FROM THE RELAY TO A GOOD GROUND. THE SCREW MOUNTING THE RELAY MAY BE USED IF MOUNTED TO A METAL SURFACE.
- F. MOUNT THE SWITCH BEZEL AT A CONVENIENT LOCATION ON OR UNDER THE DASH USING SCREWS PROVIDED.

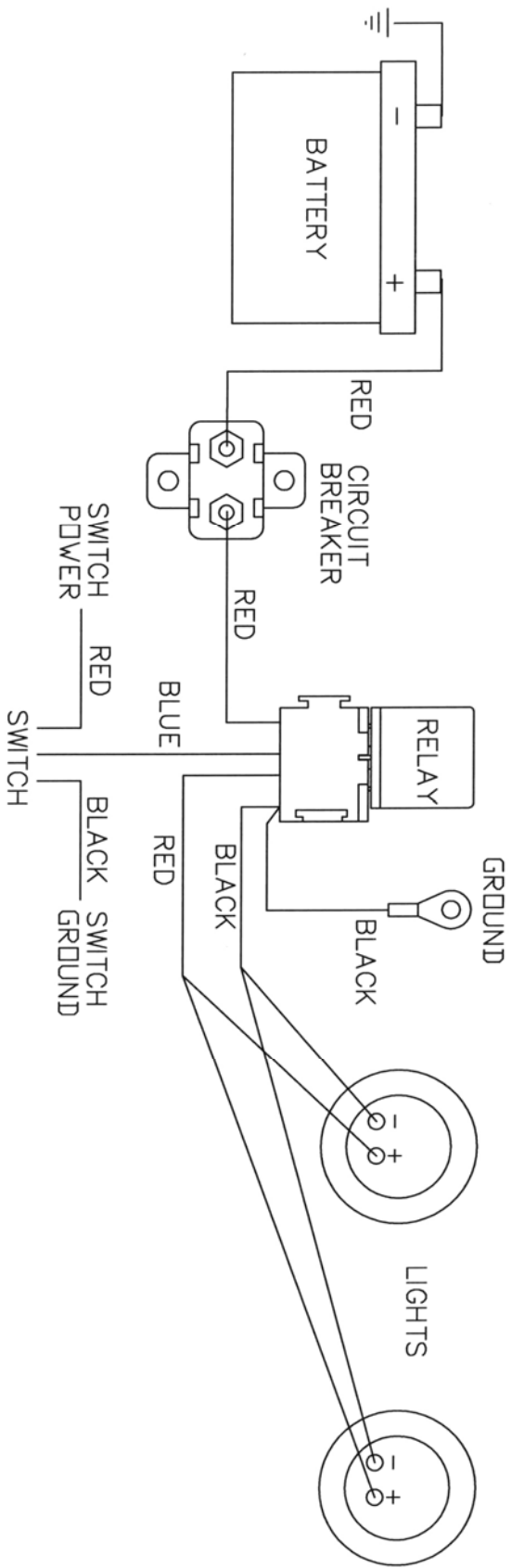
- G. ROUTE THE BLUE WIRE THROUGH THE FIRE WALL TO THE ON-OFF SWITCH LOCATION. BE SURE TO PROTECT THIS WIRE WITH A GROMMET.
- H. ATTACH THE RED SWITCH WIRE TO A FUSED POWER SOURCE AT THE FUSE BLOCK, ROUTING THE WIRE THROUGH THE SWITCH BEZEL OPENING.
- I. ATTACH THE BLACK SWITCH WIRE TO A GOOD GROUND (PLASTIC OR FIBERGLASS WILL NOT MAKE A GROUND) THROUGH THE SWITCH BEZEL OPENING.
- J. ROUTE THE BLUE WIRE THROUGH THE SWITCH BEZEL OPENING AND ATTACH TO THE VACANT SWITCH TERMINAL USING A PUSH ON TERMINAL PROVIDED.
- K. SNAP THE SWITCH INTO THE BEZEL.
- L. ROUTE A BLACK WIRE FROM THE RELAY AND A RED WIRE FROM THE RELAY TO EACH AUXILIARY LIGHT. THE BLACK WIRE IS GROUND AND THE RED WIRE IS POWER. ATTACH WIRES TO THE LIGHTS WITH THE TERMINALS PROVIDED.

NOTE: BLACK GROUND WIRES MAY NOT BE NECESSARY.

- M. WHEN THE SWITCH IS IN THE ON POSITION THE LIGHT IN THE SWITCH WILL ILLUMINATE.

NOTE: FOR THE LIGHTS TO OPERATE ONLY WHEN THE HIGH BEAM LIGHTS ARE IN USE CONNECT THE RED WIRE OF INSTRUCTION "H" TO THE HIGH BEAM OUTPUT WIRE AT THE DIMMER SWITCH. THE SAME MAY BE DONE FOR LOW BEAM OPERATION ONLY BY CONNECTING THE RED WIRE TO THE LOW BEAM OUTPUT WIRE AT THE DIMMER SWITCH.

- N. INSTALL THE RELAY.
- O. TEST FOR PROPER OPERATION.



Painless Performance Limited Warranty and Return Policy

Chassis harnesses and fuel injection harnesses are covered under a lifetime warranty. All other products manufactured and/or sold by Painless Performance are warranted to the original purchaser to be free from defects in material and workmanship under normal use. Painless Performance will repair or replace defective products without charge during the first 12 months from the purchase date. No products will be considered for warranty without a copy of the purchase receipt showing the sellers name, address and date of purchase. You must return the product to the dealer you purchased it from to initiate warranty procedures.