



# INSTALLATION INSTRUCTION

(FOR IGNITION PROTECTOR KIT W8002060 – ENGINE CIRCUITS)

FOR REFERENCE ONLY

## 1 *Vehicles which this Kit was Designed for*

This kit is intended for Recreational Vehicles (RV's) built on Workhorse 32 series chassis, using the L18 (8.1L gas) engine, where the chassis was build during or since model year 2001. The purpose of the kit is to redirect a flow of electrical current away from an ignition circuit, to prolong the life of the ignition switch.

**This kit cannot be used if the Body Builder is using the B stud on the fuse box (refer figure 2).**

## 2. *What the Kit Contains*

- One relay harness assembly (Part number W8002061)
- One electrical terminal (part number 06288913).
- One 40 Ampere fuse (Part number 12065933).
- This instruction.

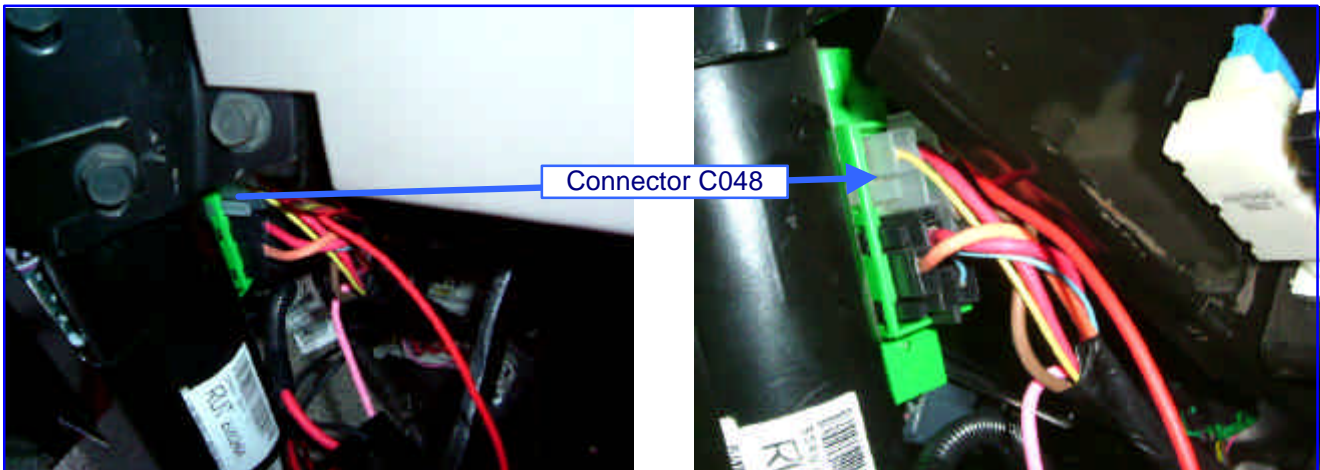
Illustration 1



## 3 *Installation*

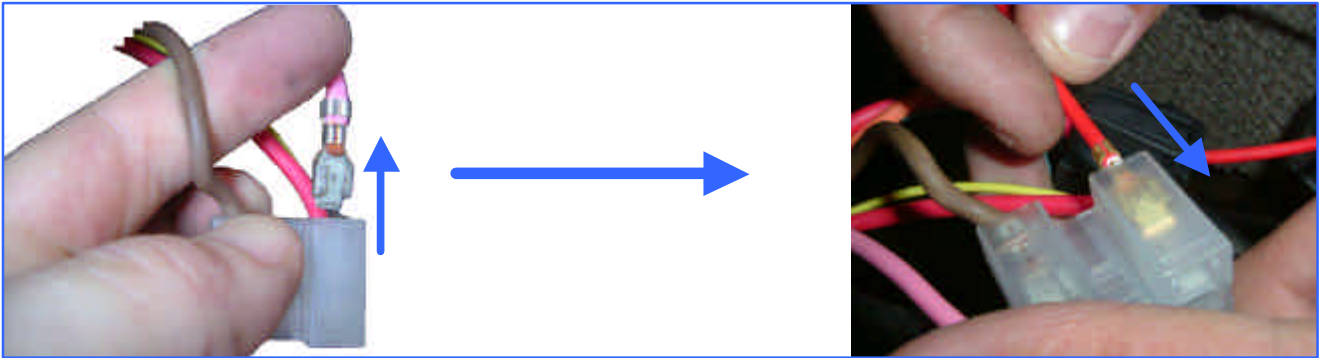
- Locate the ignition switch harness connector C048 on the right of the steering column (illustration 2).

Illustration 2



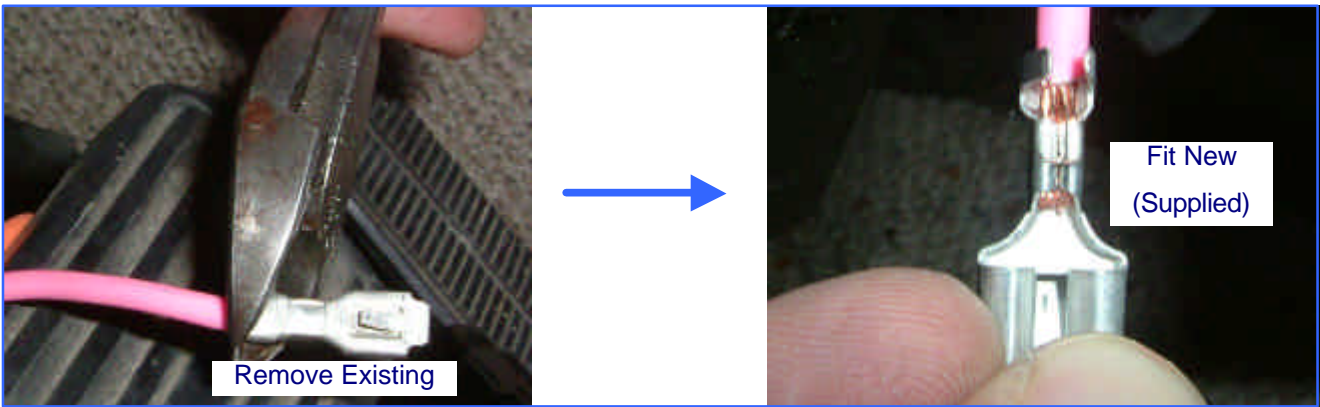
- (ii) Remove the pink wire from ignition connector C048 pin c (illustration 3)
- (iii) Put the red wire terminal from the supplied harness into the now empty socket at C048 pin c (Illustration 3)

Illustration 3



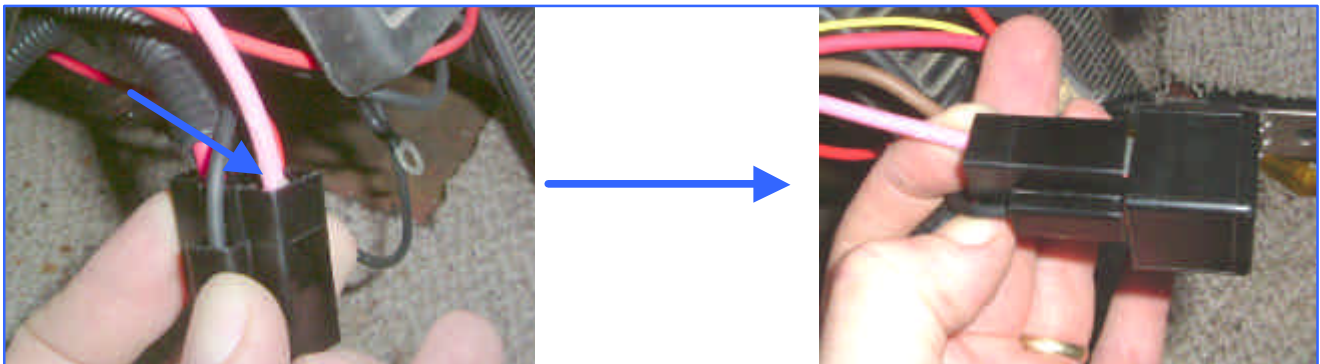
- (iii) Remove the terminal from the pink wire and replace it with the terminal supplied with this kit (illustration 4). Ensure proper wire crimping.

Illustration 4



- (iv) Connect the new terminal on the pink wire to the relay on the supplied harness, at terminal 87. You may need to remove the relay from the supplied harness to do this. Replace the relay when the terminal is located properly (Illustration 5).

Illustration 5



- (v) Mount the relay in a non-intrusive place under the dash and secure the wiring with tape or tie wraps to prevent wire damage.
- (vi) Install the ring terminal on the supplied relay harness to a clean earth surface with good earth. Do not use the mounting points for any control units as earth source points (Illustration 6).

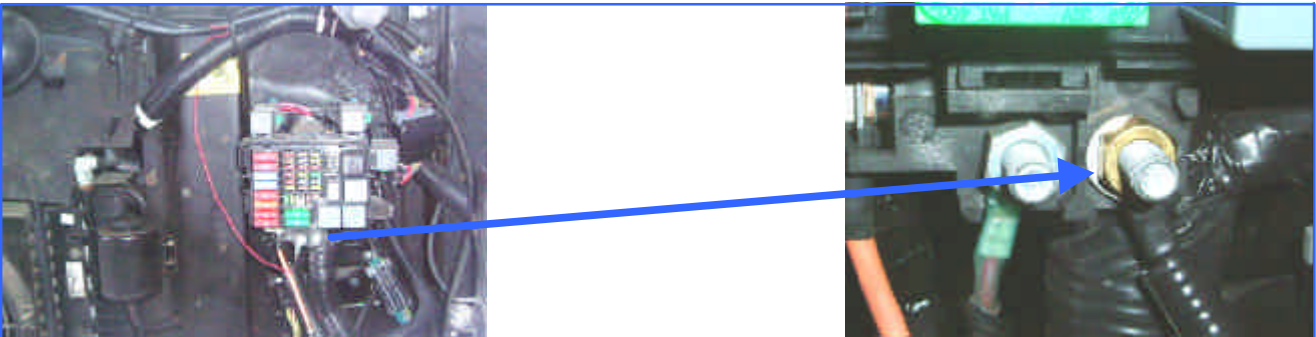
Illustration 6



To promote uniformity the preferred electrical earth surface should be chosen as somewhere on the steering column assembly. Do not use fasteners for control modules as mounting points for earth connectors.

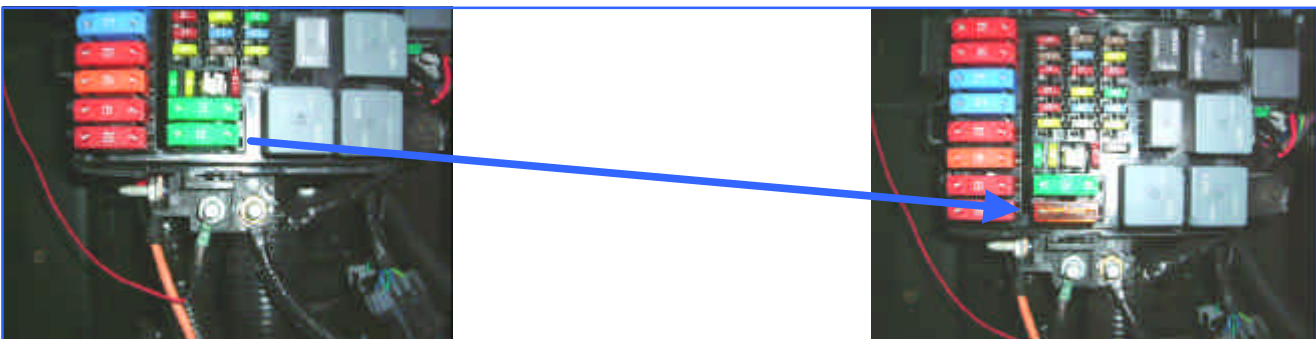
- (vii) Locate the B stud on the fuse box (schematic 1, Illustration 7). This is usually located in the front of the firewall.
- (viii) Route the convolute plastic protected wire from the supplier relay harness through a hole in the firewall and route the ring terminal end to the area of the B stud on the fuse box.
- (ix) Install the ring terminal on the supplied harness to stud B on the fuse box (Illustration 7).  
(Procure a nut for the terminal locally. The kit does not contain one.)

Illustration 7



- (x) Replace the 30 Ampere fuse for stud B at the fuse box with the supplied 40 Ampere fuse (Illustration 8).

Illustration 8



(xi) Using an indelible marker, change the label on the inside of the fuse box to show that the 30 Ampere terminal B fuse is henceforth a 40 Ampere fuse. (illustration 9).



**END OF INSTRUCTION.**