



## **Wiring Lights and/or other 12-volt Accessories to be Operated by the Key Switch**

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This applies to trucks with an electronic speed control and a 12-volt accessory system that is **NOT** equipped with a 12-volt DC to DC converter.

Our standard vehicles utilize a 12-volt tap on the battery pack to operate the 12-volt accessory system. When wiring lights or other devices to be ON whenever the vehicle is in operation will result in excessive drain on the two batteries used in the 12-volt system. This excessive drain will result in diminished vehicle run time and premature failure of the batteries.

Moving the 12 volt positive connection from the hot side of the key switch to the cold side of the key switch is not recommended due to that it may result in a voltage feedback into the vehicle control system resulting in erratic operation of the vehicle.

When wiring lights or other devices to be operated by the key switch, a DC-DC converter must be installed. The DC-DC converter regulates the vehicles system voltage to 12-volts for the accessories utilizing the entire battery pack. This eliminates the problem of the two batteries in the 12-volt system being deeply discharged.

Order kit #73-012-65.

This kit consists of a DC-DC converter and instructions for installation in typical systems.