

# Installation Instructions for 50 Amp Detachable Park Power RV Conversion Kit

**Warning:** To prevent electrocution, make sure the cord/inlet is not connected to a power source before installing the Retrofit Kit.

Failure to comply with the following instructions could cause an electrical failure or fire.

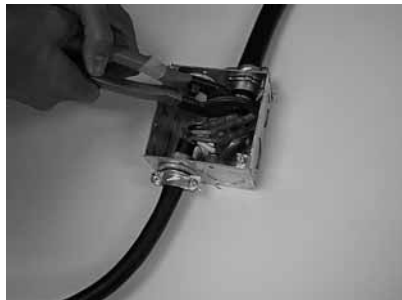
This installation follows standard electrical practices and requires standard electrician tools. If you do not have experience with electrical wiring procedures, we recommend that you contact a professional electrician or contact your local RV service center.

## J-Box Conversion Installation

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1. Unscrew J-box cover and cut off all wire connections.



2. Unscrew strain relief to release cable grip. It may be necessary to replace with provided strain relief. Pass the cable through strain relief and box extender.



3. Pull out enough of cable to allow room to work. Tighten two screws of the box extender to the box with 10-12 in.-lbs. Feed cable through box cover opening and inlet mounting gasket.



4. Remove 2" outer cable jacket. Strip wire ends 5/8" to 3/4" for 50 amp. **Make sure the wire strands are clean and not corroded.** If necessary, cut back the wire until clean wire is uncovered. **Do not solder the ends of the wire.**



5. Back off terminal screws on the rear housing of the inlet. Insert wires into color coded openings on the back of the inlet. Tighten terminal screws to 22-25 in.-lbs. torque for 50 amp device. **Make certain there is no wire insulation under any terminal.**



6. Position the gasket and inlet over the box cover opening, align the mounting holes and attach the inlet with provided 8-32 screws. It may be necessary to pull cable back out of the box through the strain relief to prevent wires from crowding. Fasten the box cover to the box extender and tighten the strain relief to 12-16 in.-lbs. torque.

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# Connector and Boot Wiring Instruction

Note: Be sure to put boot (wiring device cover) on cord before wiring.



**1.** Cut boot at first line for cable greater than 5/8". Invert tapered end of the boot and apply soap solution.



**2.** Push cord through the inverted end about 18". A tug in the opposite direction returns boot to its original shape.



**3.** Push cord through the connector housing.



**4.** Strip outer jacket of cable 2" and 5/8" of insulation off each of the conductors. Cut away filler. **Make sure the wire is clean and with bright copper color.** If necessary, cut back insulation until clean wire is uncovered. **Do not solder the ends of the wire.**



**5.** Insert all wires into the proper terminals. The green wire must go into the green colored terminal (also marked "G"). The white wire must go into the white colored terminal (also marked "W"). The black and red wires can go into the terminals marked "X" and "Y". **Make certain there is no wire insulation clamped inside any terminal and there are no stray wire strands outside the terminals.** Tighten the terminal screws to 22-25 in.-lbs. torque.



**6.** By alternating between two strain relief screws, tighten the screws to 14 in.-lbs. torque



**7.** Slide the housing over the connector body and tighten the two assembly screws. Note: A keyway in the housing and body properly aligns the two parts. Tighten two assembly screws with flat screwdriver to 8 in.-lbs. torque.



**8.** Lubricate mouth of weather resistant boot and rear shoulder of device with soap solution. Slide boot over the complete assembly. Be sure boot is on as far as it will go.

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