

RELIANCE

POWER PARTS

Part # 13-034

1230 DC CONVERTER Installation Instructions



INCLUDED:

DC Converter
Pigtail Harness

TOOLS NEEDED:

(NOT SUPPLIED)
Wire Stripper/Cutters
Cordless Drill

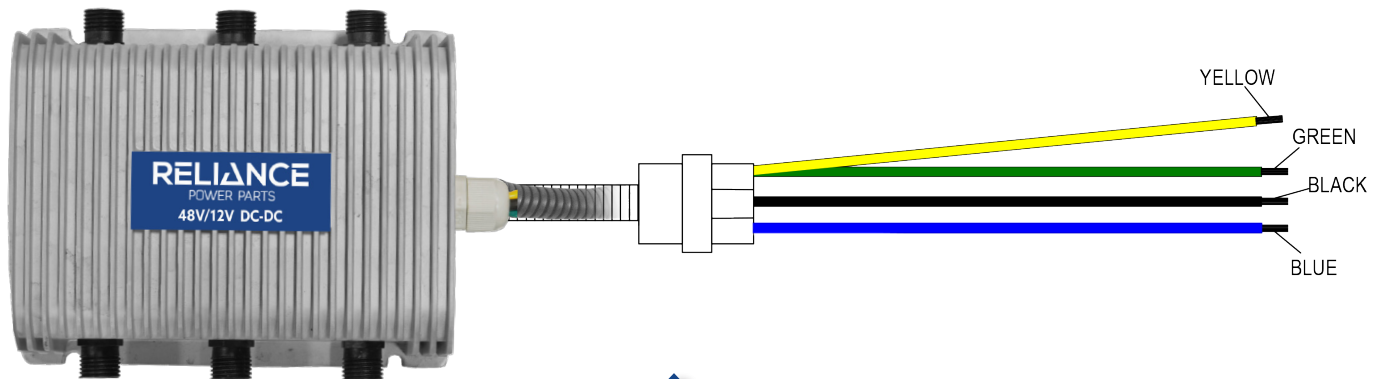
DC CONVERTER



Wiring Pigtail



Reliance recommends professional installation. If you choose to not have this product installed by a professional, we highly recommend that you exercise caution, care, and patience when installing this product.



Yellow: 48v/36v Input (+) From Battery
Green: 48v/36v Switched Input (+) From Keyswitch
Black: Ground (-) From Battery
Blue: 12v Constant Output (+)

NOTE: If installing this product on a E-Z-GO RXV
Please see special instructions on next page.

IMPORTANT

IN ORDER TO ENSURE PROPER FUNCTION OF YOUR RELIANCE DC TO DC CONVERTER, YOU MUST FIRST DETERMINE YOUR MAIN POSITIVE AND NEGATIVE BATTERY TERMINALS. WIRES ② AND ④ **MUST** BE CONNECTED ACROSS YOUR ENTIRE BATTERY PACK AND WIRE ③ **MUST** BE CONNECTED TO YOUR KEYSWITCH. IN 48V APPLICATIONS, NOT CONNECTING THE CONVERTER ACROSS THE ENTIRE BATTERY PACK WILL RESULT IN AN UNEVEN DRAW WHICH COULD SHORTEN THE LIFE OF YOUR BATTERY PACK. IN 36V APPLICATIONS, FAILURE TO CONNECT THE CONVERTER ACROSS THE ENTIRE BATTERY PACK WILL RESULT IN THE UNIT NOT FUNCTIONING.

DURING NORMAL OPERATION, THE MADJAX DC TO DC CONVERTER WILL GENERATE A SIGNIFICANT AMOUNT OF HEAT. THE UNIT SHOULD BE MOUNTED TO A METAL FRAME MEMBER IN ORDER TO PREVENT POSSIBLE DAMAGE TO YOUR CART.

IF YOU DO NOT USE WIRE ①, YOU **MUST** CAP THE WIRE WITH A WIRE NUT OR A CRIMP CAP, AS THE WIRE WILL BE LIVE.

*****FOR EZ-GO RXV - INSTEAD OF CONNECTING THE GREEN (3) WIRE TO YOUR KEYSWITCH, CONNECT IT TO THE SWITCHED LARGE TERMINAL OF YOUR SOLENOID. USE A MULTIMETER TO DETERMINE WHICH TERMINAL IS SWITCHED*****

MAIN HARNESS WIRING DESCRIPTION

② YELLOW

CONNECT WIRE TO MAIN POSITIVE (+) ON BATTERY PACK

③ GREEN

CONNECTS TO SWITCHED 48V/36V POWER SOURCE. (KEY SWITCH IS 48V/36V WHEN ON OR WHEN OFF) ATTACH GREEN TO CONTACT THAT SHOWS VOLTS ONLY WHEN KEY IS TURNED TO THE ON POSITION. THIS WIRE TURNS OFF AND ON CONVERTER.

④ BLACK

CONNECT TO THE MAIN GROUND (-) ON BATTERY PACK.

① BLUE

ACCESSORIES THAT HAVE A MEMORY WIRE WILL ATTACH TO THIS CONSTANT 12V WIRE. THIS WIRE KEEPS A VERY LOW VOLTAGE AT ALL TIMES TO AVOID MEMORY LOSS WITH ACCESSORIES SUCH AS A RADIO.

PIGTAIL WIRING DESCRIPTION



To connect your accessory you will connect the positive wire from your accessory to the Red wire coming from the converter. You will connect the negative wire with the Black.

When connecting the converter to power, it is normal to see a spark.
This is the converter powering up.

INSTALLATION COMPLETE