

Main Contactor/Solenoid Resistor & Diode Installation

All contactors we offer are unidirectional; both the main contacts and the smaller coil connections. So it does not matter which side you connect your cables to.

The pre-charge resistor is also unidirectional. Attach it across the large poles.

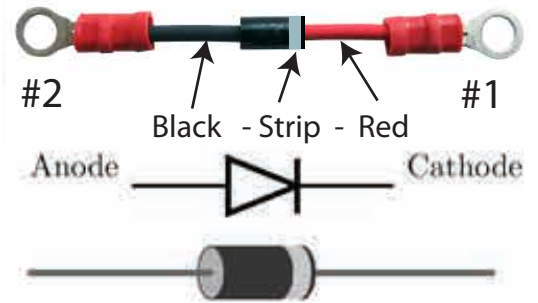
The coil suppression diode goes across the small poles. **It is directional and will be ruined if installed incorrectly.** On one side of the diode is a silver stripe. It should have a red heat shrink on the same side, shown as #1 at right. The striped side of the diode must connect to the same side of the small coil connections on the contactor as the color wires referenced below for your vehicle.

If these wires have been changed, or you have a different type of cart, the stripe side of the diode will be on the hot side of the circuit, or the key side. The other side runs to battery negative.

Pre-Charge Resistor



Coil Suppression Diode



Club Car:

PD Plus - Blue Wire
 IQ - Light Blue Wire
 Precedent - Light Blue Wire
 i2 - Light Blue Wire
 DS - 1995 & Up - White/Black, Red

EZGo:

1994-2000 TXT/Medalist - Red Wire
 Pre-1994 Marathon - Orange Wire
 DCS - White/Yellow, Red, Yellow
 PDS - Yellow Wire

Yamaha:

G8,9,14,16 - Red/Wht, Yel/Black
 G19,22 - Red/White Wire

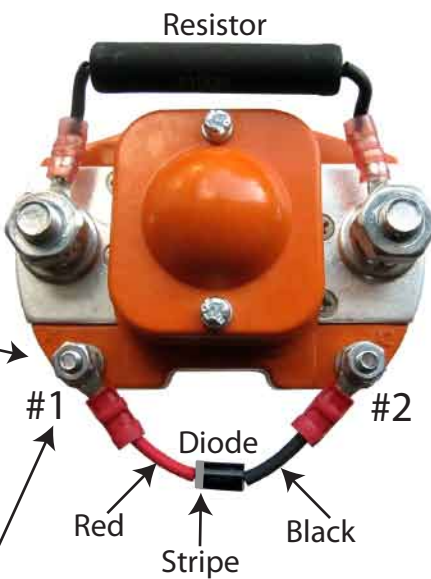
Fairplay:

Yellow Wire

Taylor Dunn:

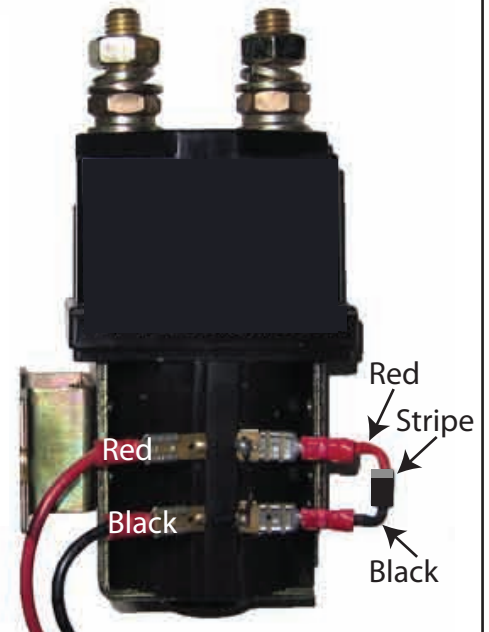
Violet (Purple) Wire

Main Contactor



Note: The referenced #1 and #2 diode connections correspond to Alltrax wiring diagrams.

One Side Of Reversing Contactor



Position the diode so that the stripe and red heat shrink is on the switch side of the circuit, or hot side. The picture above shows one side of a reversing contactor. Repeat on the other side.