

Battery Lead Fittings/Connectors



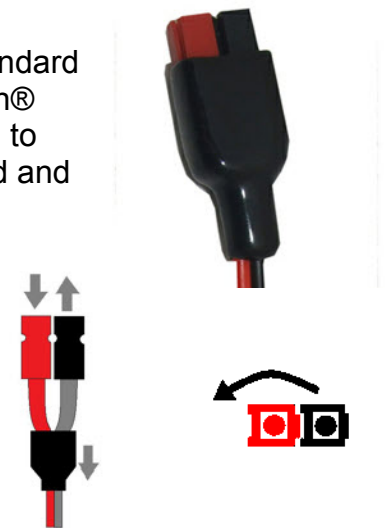
If your existing battery lead is in good condition simply unfasten it from your existing battery and fix it to your new battery. It is always worthwhile checking your battery lead for frayed or loose wires: if the lead is damaged, it is important to replace the lead as the battery power will not be conducted properly through a faulty lead due to increased electrical resistance. This can cause your battery to fail prematurely or your trolley to function incorrectly.

If you wish to replace your existing battery lead, or require an additional lead, it is important to choose the correct connection with your existing trolley. There are 4 popular connectors:

Torberry/Anderson connector

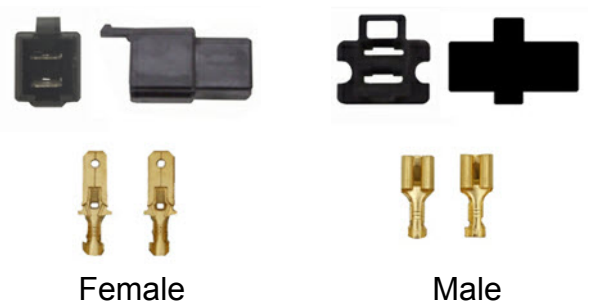
This is the most popular fitting for electric golf trolleys. It is fitted as standard on most makes, including HillBilly®, Motocaddy® and PowerPro/Trojan® trolleys. It is a 'unisex' connector and the fitting is pushed together 'red to red' and 'black to black'. If this is not possible, the orientation of the red and black connectors can be changed very easily.

To change the orientation, pull back the black rubber cover to expose the terminals. These are held together by a 'dovetail' joint. Push upwards on the black terminal and downwards on the red terminal to separate the connectors. Move the black terminal to the opposite side of the red terminal and slide the terminals together. Replace the black sleeve.



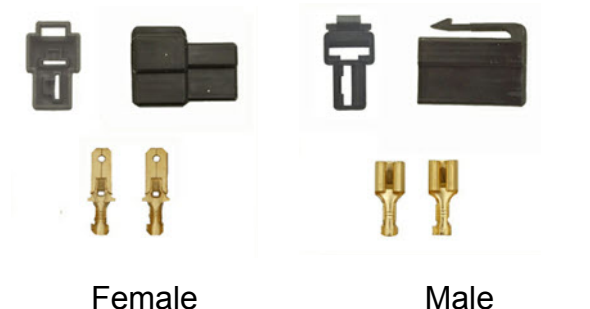
Type A connector

This was a popular connector several years ago. The connector has male and female components which push together. The internal connectors are 'spade' type terminals. Always ensure that you connect negative to negative and positive to positive.



Type B Connector

This is a variation above the above connector. It has a 'T' shaped profile to prevent accidental 'negative to positive' connection. Again, it has a male and a female component.



Powakaddy-type Tbar (Interconnect) fitting

Used on Powakaddy® trolleys. The T-shaped connector fits into a socket on the battery. You should take care as the fitting can be accidentally reversed leading to negative being connected to positive! Batteries should have the socket already fitted as the connection varies from battery to battery.

