

## HOOK UP FOR 24 VOLT DRAIN VALVES

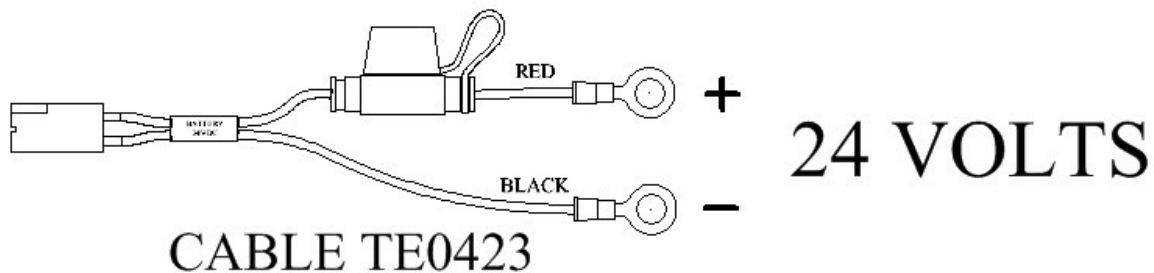
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**THE DRAIN VALVES ARE 24 VOLT DC DEVICES.**

**THE DRAIN VALVE MUST BE CONNECTED TO 24 VOLTS DC TO FUNCTION PROPERLY.**

**THE POLARITY MUST BE CORRECT FOR THE VALVE TO OPERATE.**

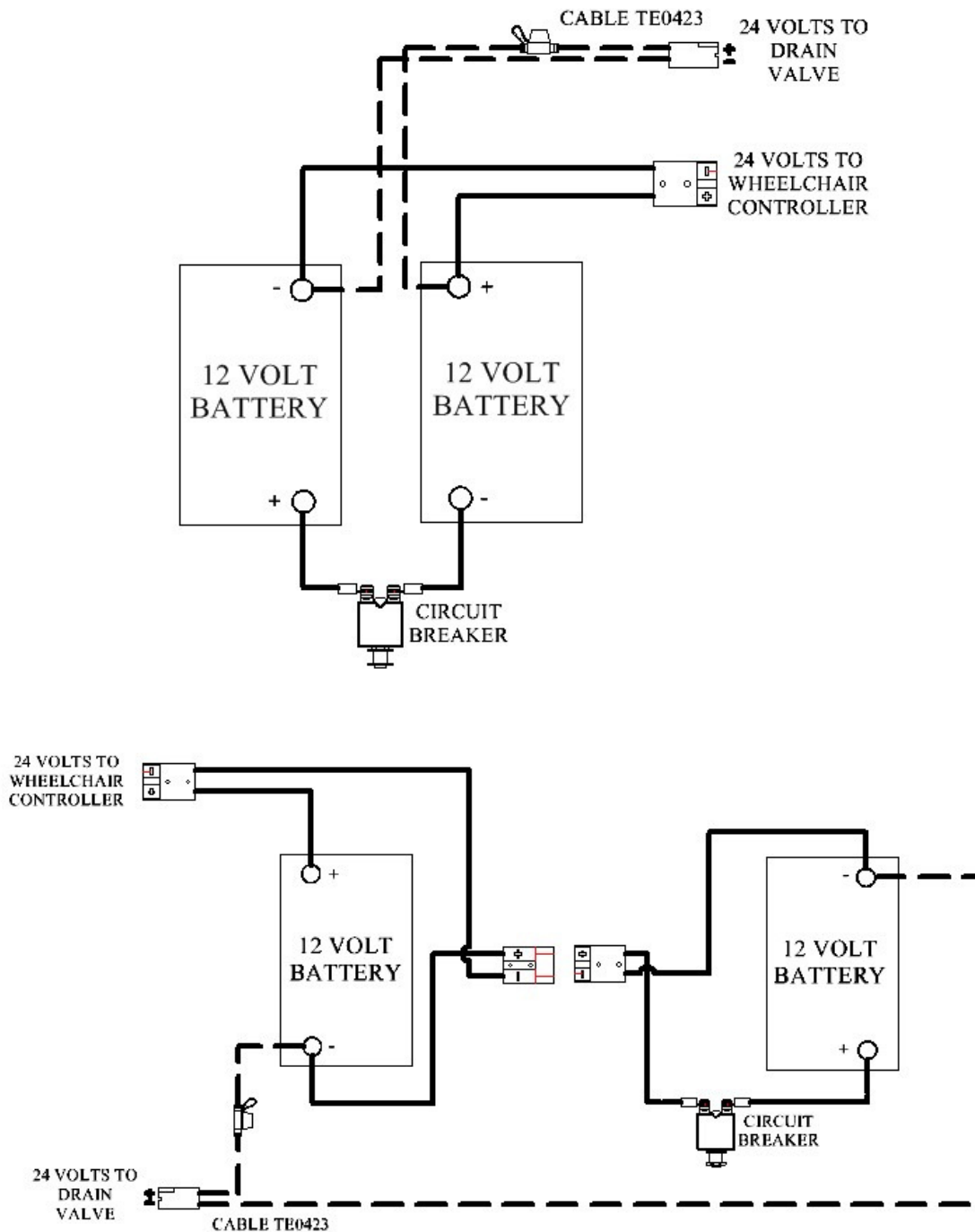
A battery cable is supplied for connection to two 12 V volt batteries connected in series to provide 24 volts to the drain valve. The cable is shown here:



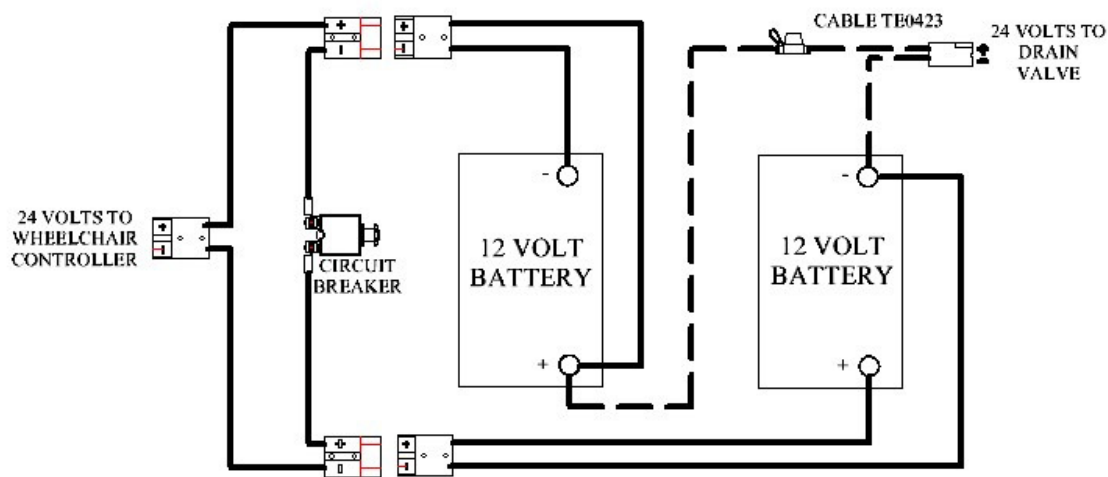
The connection points on the batteries will vary. Different battery connections are used by the various wheelchair manufactures.

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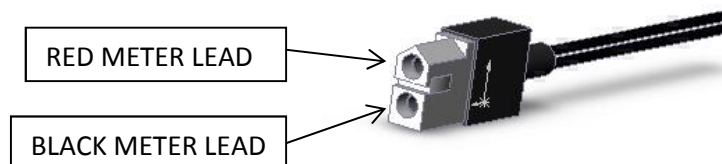
Here are some typical wiring diagrams of battery connections.



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AFTER CONNECTING THE BATTERY CABLE TE0423, CHECK THE VOLTAGE AND POLARITY AT THE PLUG ON THE CABLE WITH A VOLT METER. SET THE METER ON VOLTS DC AND A RANGE GREATER THAN 30 VOLTS.



THE METER SHOULD READ ABOUT + 24 TO +25.5.

ABOUT +12 THE CONNECTION IS TO ONLY ONE BATTERY.

A READING OF 0 INDICATES REVERESED POLARITY OR AN INCORRECT CONNECTION.

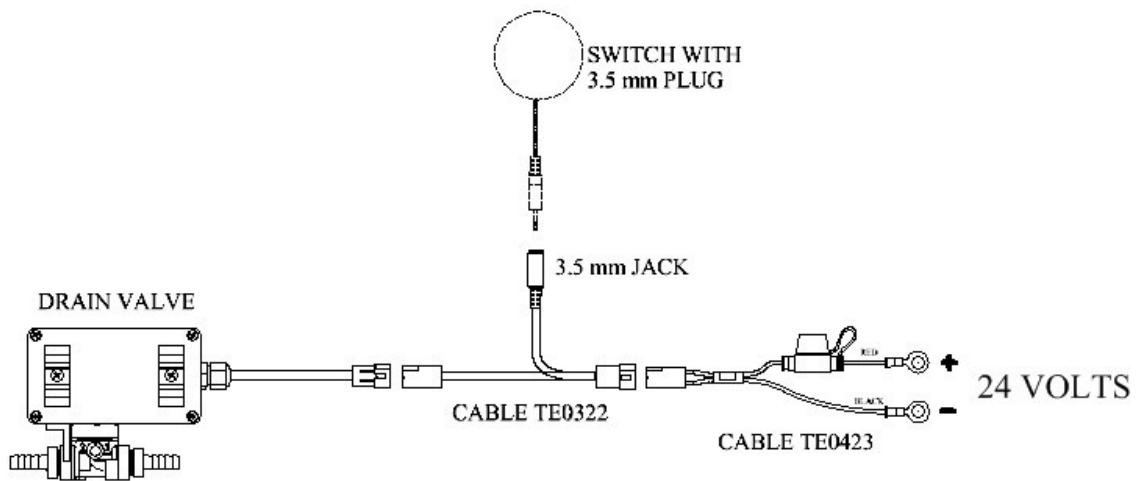
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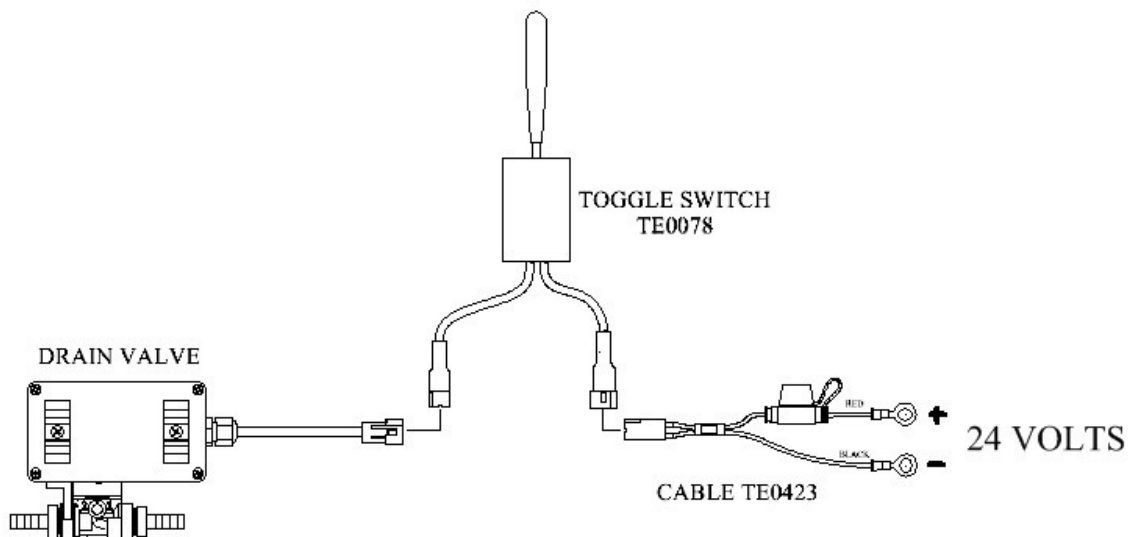
CONNECT THE DRAIN VALVE SWITCH OR OTHER DEVICE USED TO OPERATE THE VALVE.

REFER TO THE FOLLOWING DIAGRAMS FOR DIFFERENT SET UPS.

SWITCH WITH 3.5 mm PLUG SUCH AS BUDDY BUTTON OR TRIGGER SWITCH:



TOGGLE SWITCH:



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9 PIN ECU CONNECTOR:

