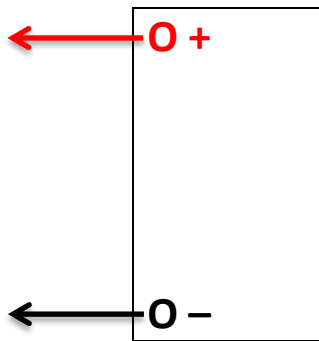


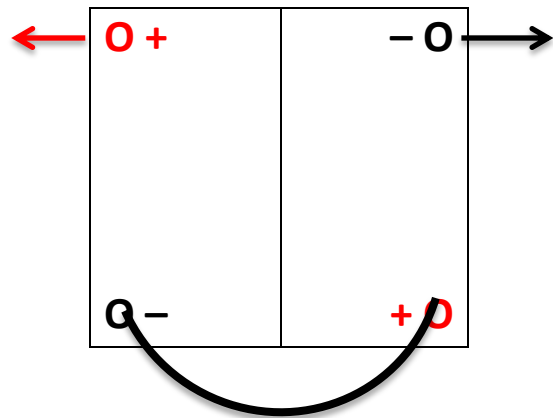
# Jumper Leads

Typical 12 and 24 volt battery installation

12 volt (All Pumps and Cat 9)



24 volt (Cat 1, 2, 7)



Using Jumper leads for a flat a battery

1. With the engine stopped turn off the isolator switches
2. Lay the leads on the ground near the batteries between the two trucks
3. Check that the clamps are physically separated by at least 6"/ 15cm
4. Connect the red clamp to each positive + terminal of each battery
5. Connect the black clamp to each negative - terminal of each battery
6. Turn on the isolator switches, start the truck with the good battery, set to 1,500 RPM, wait 60 seconds then start the truck with the flat battery
7. Set the idle of the truck with the flat battery to about 1,500 RPM
8. Remove the red clamps followed by the black clamps in reverse order, and then replace the battery covers.
9. The truck with the flat battery should be run/driven for at least 30 mins.

