

# Pop Up+ & Pop Up - Remote Starting Modification (dead battery)



The modification outlined in this bulletin will enable a Service Technician to use a remote battery pack to elevate either a Pop-Up or Pop-Up+ in the event of battery failure.

The modification involves placing a cable between the Negative post of the battery and one of the Caphead bolts holding the lower tray to the machine.

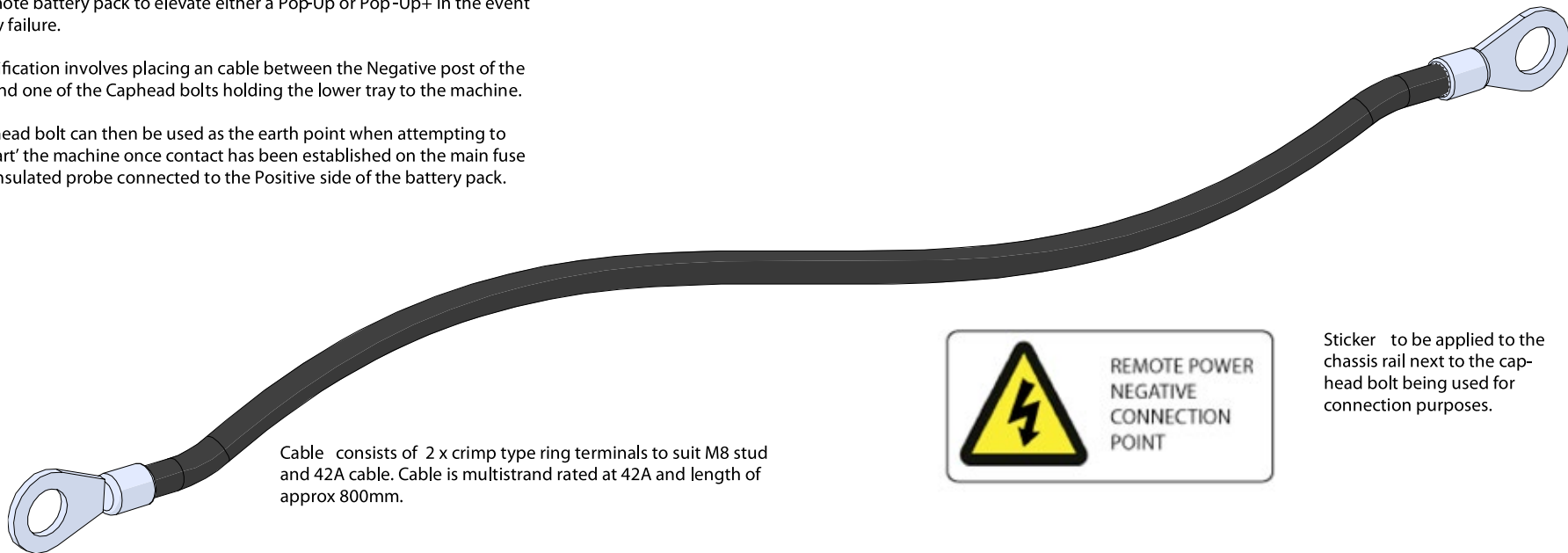
This caphead bolt can then be used as the earth point when attempting to 'Jump Start' the machine once contact has been established on the main fuse with an insulated probe connected to the Positive side of the battery pack.



1. Connect one side of Earth Strap to the negative terminal on the battery. Use existing battery clamp and fix the ring terminal to the M8 stud on the clamp.



2. Connect the other end of the Earth Strap to the bolt on the lower tray. Use the bolt nearest to the fuse panel and fix decal sticker to the chassis rail next to the caphead bolt to inform technicians of the negative connection point.



Cable consists of 2 x crimp type ring terminals to suit M8 stud and 42A cable. Cable is multistrand rated at 42A and length of approx 800mm.



Sticker to be applied to the chassis rail next to the cap-head bolt being used for connection purposes.

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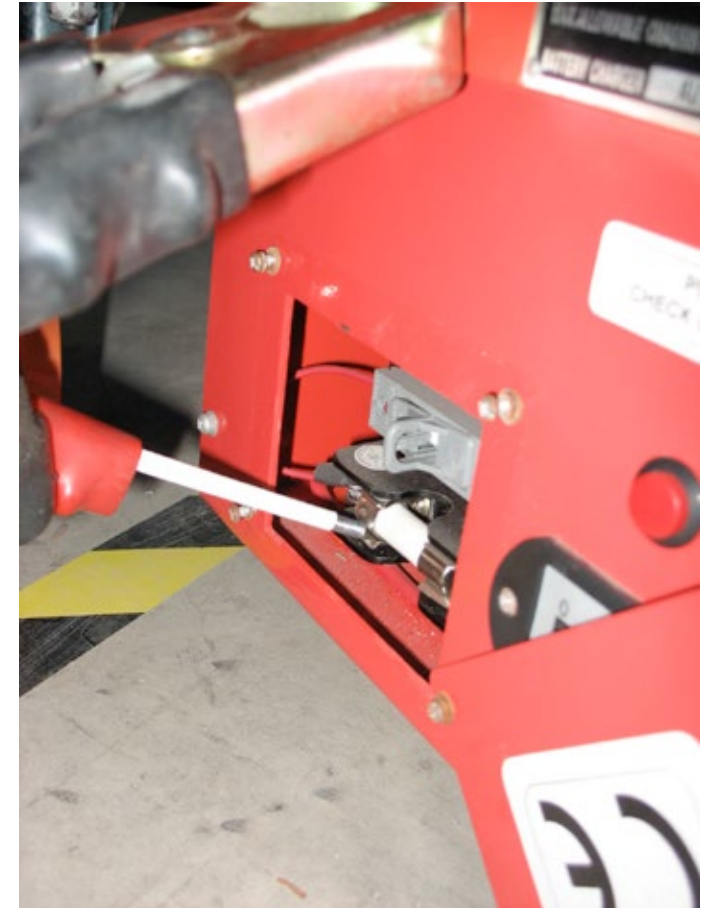


Fig. 1



3. Once the connections have been established between the battery pack and the machine, hold the insulated probe against the left side of the 63A fuse. The machine will now have power and can be elevated using the hand controller.

Elevate the machine sufficiently to enable the maintenance props to be engaged. Once the props are in place, remove the connections to the battery pack, remove the lower tray top plate to access the battery.



4. We find it is easier to disengage the hydraulic ram when removing the battery on Pop-Up machines. The ram can be moved to one side and strapped to the scissor pack to make room for the removal of the battery.

Battery removal on the Pop-Up+ is easier as the battery can be lifted through the lower scissor arms and hydraulic ram removal is not required.

Trojan 27TMX battery 105Ah — Part no. POPS 0026  
Parts Dept. 0845 108 4000