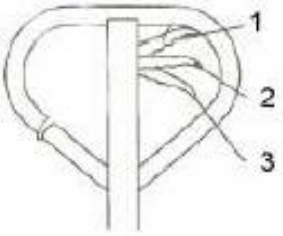
ATTACHMENT 1 – BATTERY EXCHANGE STACKER

Hyster has developed this special stacker, the PSLM1.1-DR-BATT-EX, to exchange the battery in a 48V J1.5-2.0XNT and J1.6-2.0XN electric counterbalance truck.

It provides a simple and cost effective solution to battery exchange, and is designed to work, whatever the tyre wear on your counterbalance truck. The truck controls are similar to those of a hand pallet truck and are illustrated below.



1. drop position
2. free position
3. lift position

This truck can be used in conjunction with the battery stand, which provides a secure place to leave the battery while it is recharged. This battery stand can be set at different sizes (small, medium and large) depending on battery size.

STEPS TO CHANGE A BATTERY WITH THE BATTERY EXCHANGE STACKER

1. Open the hood.
2. Open the door using the latch and fold it all the way back 180 degrees.
3. Unplug the battery and place the wire carefully on top of the battery.
4. Lift up female battery connector plug on swing bracket in counterweight.
5. Retract battery security pin.
6. Insert forks of battery exchange stacker into the fork pockets of the counterbalance truck.
7. Push battery exchange stacker into fork pockets until the battery exchange stacker bump stops hit the truck frame.
8. Lift battery on the battery exchange stacker forks by pumping the battery exchange stacker tiller handle, with lever in the lift position, until battery lifts free from the truck frame.
9. Set lever to free position (this stops pumping the ram).
10. Extract battery from the counterbalance truck.
11. Place battery on battery stand ready for external charging.
12. Collect charged battery from the battery stand with the battery exchange stacker; ensure battery exchange stacker bump stops contact the battery stand to position the battery correctly on the forks.
13. Line up and reinsert battery into counterbalance truck.
14. Ensure that the battery is in the correct place by pushing all the way in until the bump stops hit the truck frame.
15. Lower battery into place.
16. Replace the battery security pin, and connect the battery to the truck.
17. Remove the battery exchange stacker and park in a safe place.
18. Unlatch the side door and close.
19. Close truck hood.