



902 Hwy 246, Sabetha, KS 66534

1-800-530-5624

Manual Override Valve Control Installation Manual



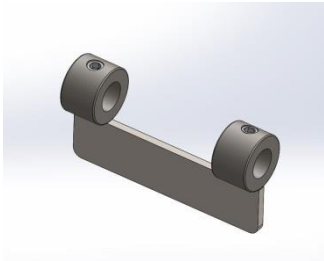
This guide will assist you in the installation of the manual override valve control and the momentary safety switch which is typically used if you have a wireless or pendant valve control system.

As a precautionary measure, disconnect the negative battery terminal from the battery prior to installing the valve control and switch.

NEVER allow children or unauthorized personnel access to the controls for your valve control.

ALWAYS use sound judgement and common sense when operating your *HydraBed*.

This kit contains the following:

Part No.	Item	Quantity	
HD-MO-SPRING PLUNGER	Spring plungers	2 each	
HD-MO-SPRING	Manual override springs	2 each	
FP-MO-CNTR TAB	Centering tab	1 each	

FP-MO-PIVOTROD
HB3X00 or HB3x50

Manual override pivot rod

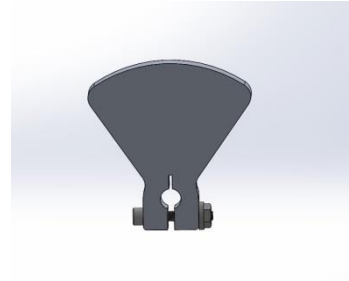
1 each



FP-MO-HANDLE

Manual override handle

1 each



MO-SWITCH

Manual override
momentary switch

1 each



EL-BC423005

Heat shrink butt
connectors

2 each



EL-RT552105

Ring terminals

2 each



EL-W62185

18 AWG 2 conductor
cable

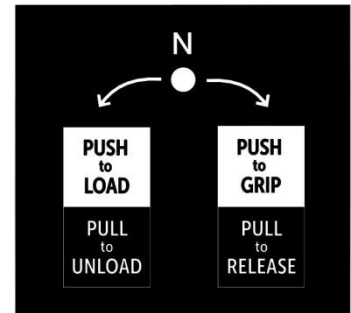
7 feet



LB-MO-PUSHPULL

Manual override
operation decal

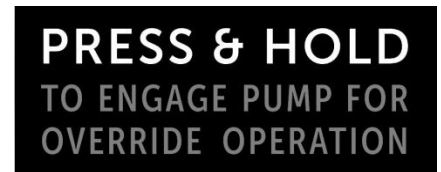
1 each



LB-MO-PRESS&HOLD

Momentary switch decal

1 each



LB-MO-REMOVE

Manual override handle
decal

1 each



-
1. Locate the valve control bracket under the front driver side corner of the *HydraBed*.
 2. Prior to installation, verify that the pressure hose is secured to the slot in the valve plate near the plunger tab bracket. This is to ensure that the hose does not interfere with the movement of the centering tab.

NOTE: Remove the plastic yellow thread lock (see picture below) prior to installation of the spring plungers. Failure to do so will not allow the inner nut to be tightened against the plunger tab bracket.



3. Install the spring plungers, with the plunger facing inward, into the holes on each side of the plunger tab bracket. Leave the plungers loose to aid in the installation of the centering tab. **Figure 1.**

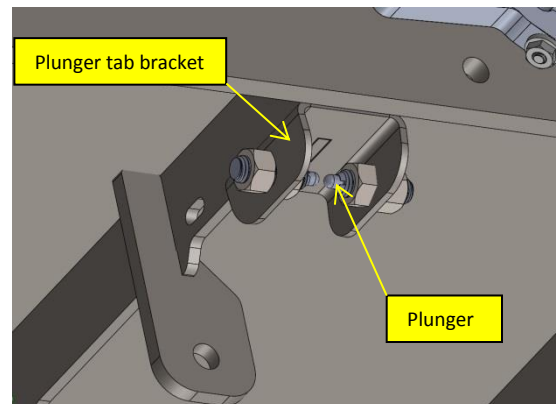


Figure 1

4. Place the pivot rod as shown on the frame of the *HydraBed* so that it can be threaded through the hole in the rod bracket. **Figure 2**



Figure 2

5. Thread the pivot rod through the hole in the rod bracket just enough to allow the installation of the springs and centering tab. Install one spring, the centering tab and then the last spring onto the pivot rod. The last spring may need to be compressed to place it in between the bed rail and the centering tab. Placement of the centering tab should be between the spring plungers as shown. **Figure 3**



Figure 3

6. Depress the top valve handle so that it will give enough clearance to allow the valve tab to be placed between the valve handles (2 spool valve) or the top and middle handles (3 spool valve), 3 spool valve shown. **Figure 4**

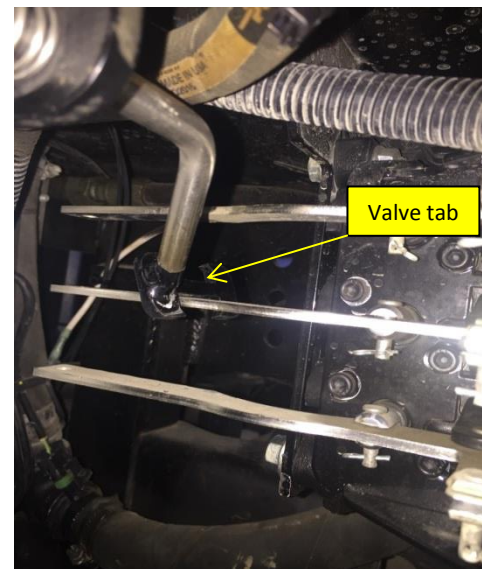


Figure 4

7. Adjust the spring plungers so that the tips of the plungers are just touching the centering tab and tighten the nuts. Center the valve tab vertically and verify that the catches on the valve tab are between the valve handles as shown (**Figure 5**) and tighten the two (2) set screws in the centering tab.

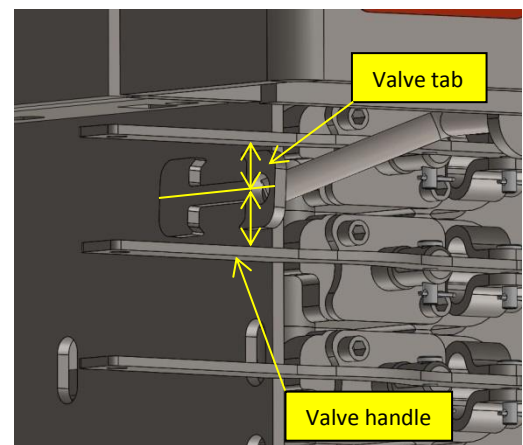


Figure 5

8. Install the manual override handle on the end of the pivot rod with the face of the handle flush with the end of the rod. Position the handle in a way that it would allow full movement for the various positions during operation and tighten the nut. **Figure 6**

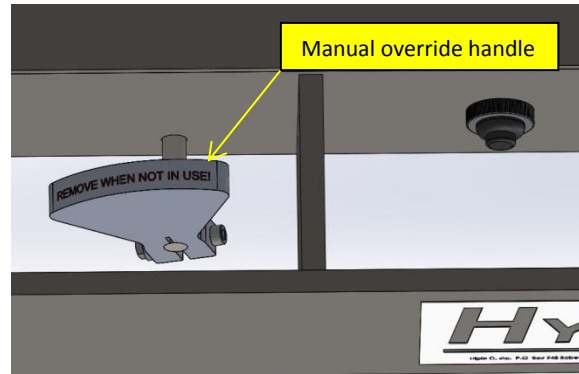


Figure 6

Momentary Switch Installation Guide

Refer to the *HydraBed Husco Valve Electric Control System* manual to locate the wireless control in the vehicle.

1. Locate the red wire on the wireless control box (12V input from relay) and splice the white wire onto the wire with a butt connector.
2. Locate the black wire on the wireless control box (engine-driven pump clutch) and splice the black wire onto the wire with a butt connector.
3. Route the connected wires through the harness compression bushing routing them along other wires or hoses up to the location of the momentary switch.
4. Install the ring terminals on both the black and white wires and connect to the switch. Wires can be connected to either switch terminal.
5. Locate the 5/8" hole drilled in the bed rail approximately 5" rearward of the manual override system. Remove the rubber switch button and nut from the momentary switch and install the switch into the hole. Reinstall the nut, tighten, and then install the rubber switch button.

6. Install the included decals at the suggested locations where they can be easily viewed, near the handle and momentary switch. Install the 'REMOVE WHEN NOT IN USE!' decal across the top of the handle as shown. **Figure 7**

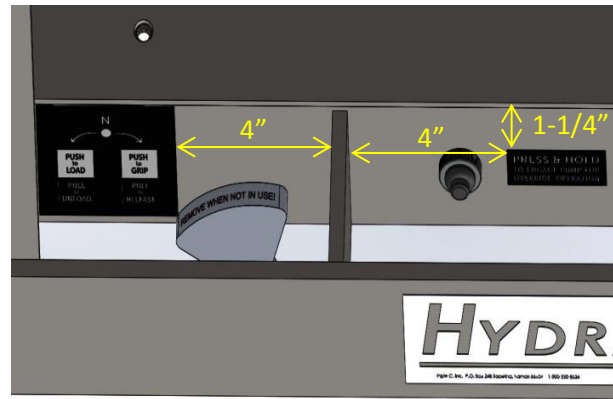


Figure 7

Manual override control can only be achieved by pressing and holding the momentary switch before operating the manual override handle.