



Summit Marine inc

Rev090617

Remote Control Reprogramming: BLACK RECTANGULAR KEY FOBS ONLY: (See Page 4 for WHITE OR BLACK OVAL KEY FOBS)

On the side of the hydraulic pump of remote control units is a black plastic case which houses the remote control receiver. Several wires are attached to this unit along with a 15 amp replaceable fuse, located on the thin red wire. Each receiver is capable of accepting up to (4) key fob transmitters. These remotes are preprogrammed at the factory when ordered with the lift. Single or replacement key fobs will need to be programmed to your receiver.

CAUTION: When connecting the battery, listen for 3 clicks followed by a 4 second delay then 2 more clicks, (total of 7 seconds). This 4 second window is the programming delay. **FOR NORMAL OPERATION - DO NOT PRESS ANY BUTTONS ON THE KEY FOBS DURING THIS 7 SECOND SEQUENCE. AFTER THE (2) FINAL CLICKS – NORMAL OPERATION WILL COMMENCE.**

If you should happen to loose the program from the remote control follow the following steps:

Single Lift:

1. Disconnect one battery cable. Have both key fobs ready for programming.
2. Reconnect the battery cable.
3. Listen for (3) clicks. Start step 4 within 2 seconds.
4. Press 'UP' on key fob 1, you'll hear (2) clicks. (Position 1 filled).
5. Press 'UP' on key fob 1, you'll hear (2) clicks. (Position 2 filled).
6. Press 'UP' on key fob 2, you'll hear (2) clicks. (Position 3 filled).
7. Press 'UP' on key fob 2, you'll hear (2) clicks. (Position 4 filled).
8. Wait for 5 seconds for final (2) clicks.
9. Key fobs will now operate your lift.

NOTE: You must start step 4 (initial key fob programming) before the 4 second delay expires. Otherwise, repeat at step 1.

Dual Lifts:

1. Start with battery cables connected.

2. Remove both 15 amp fuses from the receivers located on the thin red wire of the wire harness exiting the control box. Have all 4 key fobs ready for programming.
3. Connect 1 fuse.
4. Listen for (3) clicks. Start step 5 within 2 seconds.
5. Press 'UP' on key fob 1, you'll hear (2) clicks. (Position 1 filled).
6. Press 'UP' on key fob 1, you'll hear (2) clicks. (Position 2 filled).
7. Press 'UP' on key fob 2, you'll hear (2) clicks. (Position 3 filled).
8. Press 'UP' on key fob 2, you'll hear (2) clicks. (Position 4 filled).
9. Wait for 5 seconds for final (2) clicks.
10. These key fobs will now operate lift #1. Set these key fobs aside.

11. Remove fuse on control 1 and connect it to control 2.
12. Listen for (3) clicks. Start step 13 within 2 seconds.
13. Press 'UP' on key fob 3, you'll hear (2) clicks. (Position 1 filled).
14. Press 'UP' on key fob 3, you'll hear (2) clicks. (Position 2 filled).
15. Press 'UP' on key fob 4, you'll hear (2) clicks. (Position 3 filled).
16. Press 'UP' on key fob 4, you'll hear (2) clicks. (Position 4 filled).
17. Wait for 5 seconds for final (2) clicks.
18. These 2 key fobs will now operate your lift.

19. Reconnect the other fuse, and wait 7 seconds for the clicks and 'time out' sequence.

REMEMBER TO WAIT after reconnecting the battery for the 7 second sequence to time out **BEFORE** operating the key fobs – otherwise the remotes start the program mode. Should this happen follow the steps above to reprogram.

ALSO NOTE: LOW BATTERY CONDITION – You may lose the programming if the lift is operated below sufficient voltage. Should the battery fall below normal voltage, the pump motor will stall and the remote(s) will reset as though the battery cable was just connected. This is evident by the series of clicks that will follow. Pressing the key fobs during this condition will start the programming sequence. Simply charge the battery and test the key fobs operation after full charge is obtained. Follow the instructions above if required to reprogram.

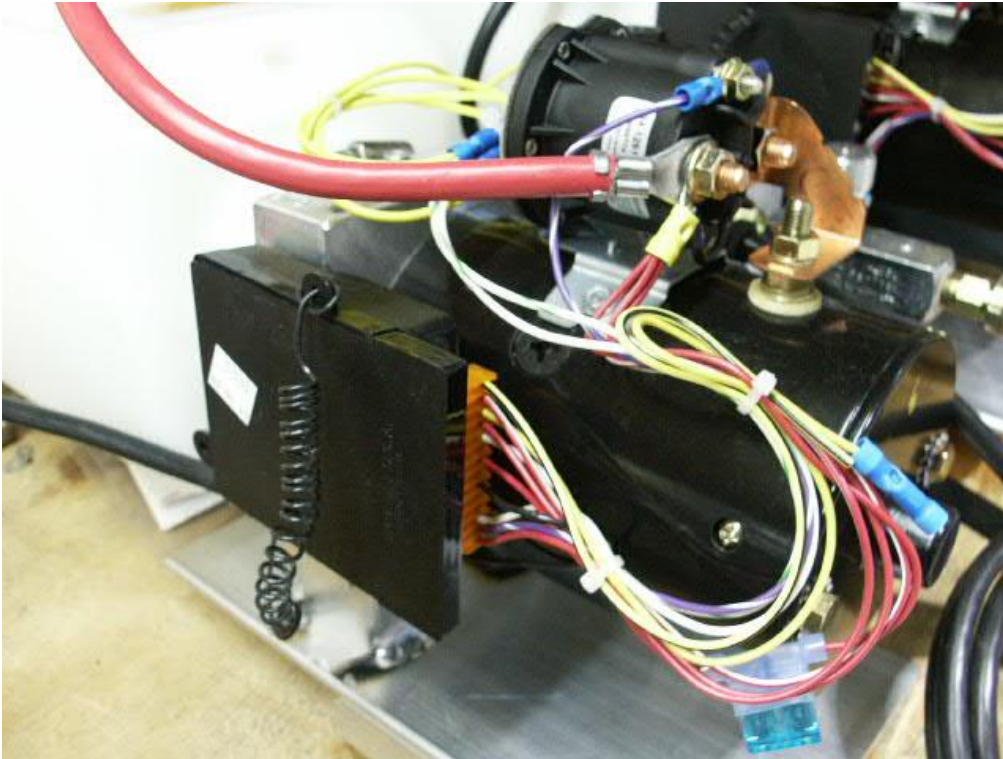
Replace dead battery in remote control with 12V – A23 - L1028.

Energizer A23BP-2 Special Application Battery.

Other equivalent battery numbers:

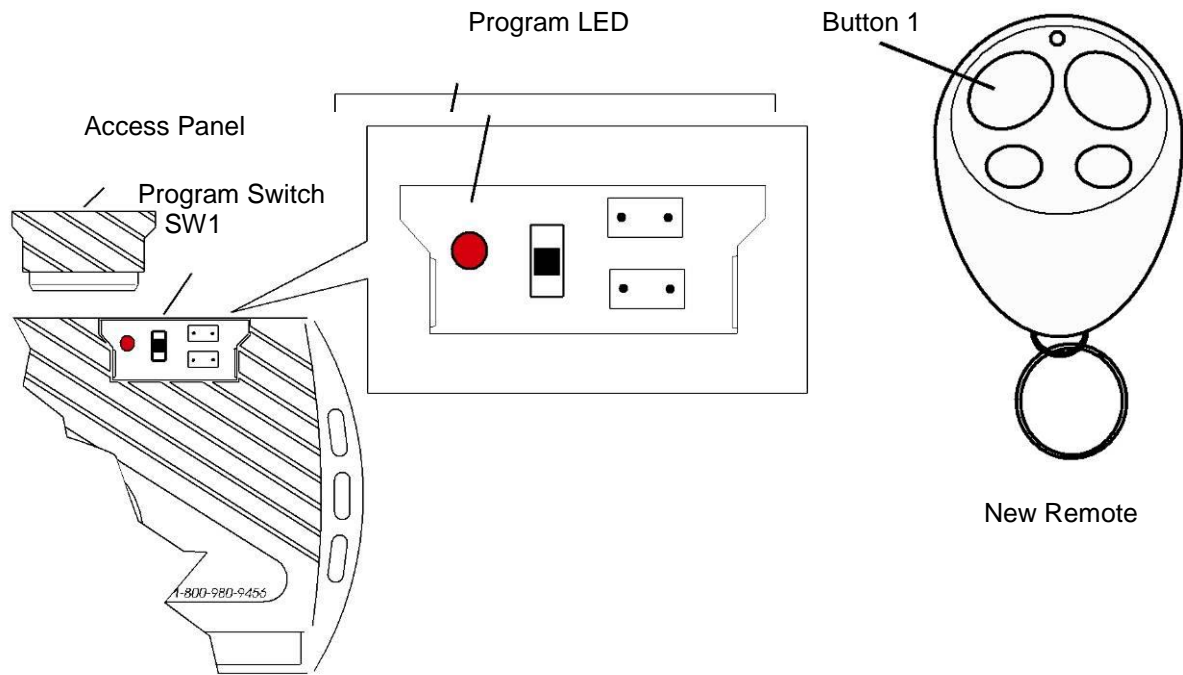
A23, GP23A, E23A, K23A, V23GA
A21, MN21, MN23, S21, RVO8, LRV08, MS21
8LR932, 8LR23, 8F10R, VR22, 1811A, L1028

Remote Control Wiring Diagram: Black Receivers



Remote Control Harness	Switch	Connect to:
1 red with fuse + 3 red w/white stripe	Black	+ terminal on solenoid
Black	-	Ground on pump
Purple w/white stripe	White	Top of solenoid
White w/green stripe	Green	Top yellow relay wire
White w/red stripe	Red	Bottom yellow relay wire
Yellow (optional 11 minute timer)	-	+ terminal of 12v light
		Connect other end of Light to negative battery

REMOTE PROGRAMMING WHITE RECEIVER **(White or Black Oval Key Fobs, as shown)**



Locate the program switch under the access panel on the front of the receiver module as show above. Please read through the steps below before you begin. You will have 10 seconds to complete the program sequence once you begin.

1. Push the program switch (sw1) until the red program LED lights solid, then release.
2. Now push button 1 on the new remote until the program LED goes out.
3. Push button 1 again on the new remote, the program LED should flash slowly. Release button 1.

Your new remote is now programmed.

note: if the new remote does not work, make sure that the indicator LED on the Key Fob is flashing and that the battery is good, then repeat steps 1 through 3.

If you want to remove all the codes from the receiver – press and hold the program switch (sw1) until the light goes out, apx 8 seconds.

WIRING DIAGRAM WHITE RECEIVERS

See online instructions for color photos:

<http://summitmarine.com/HL%20Instruction%20Hydraulic4.pdf>

Or: www.summitmarine.com select: Assm Manuals select: Keyless Remote Reprograming.

New remote installation:

Package Contains:

Receiver

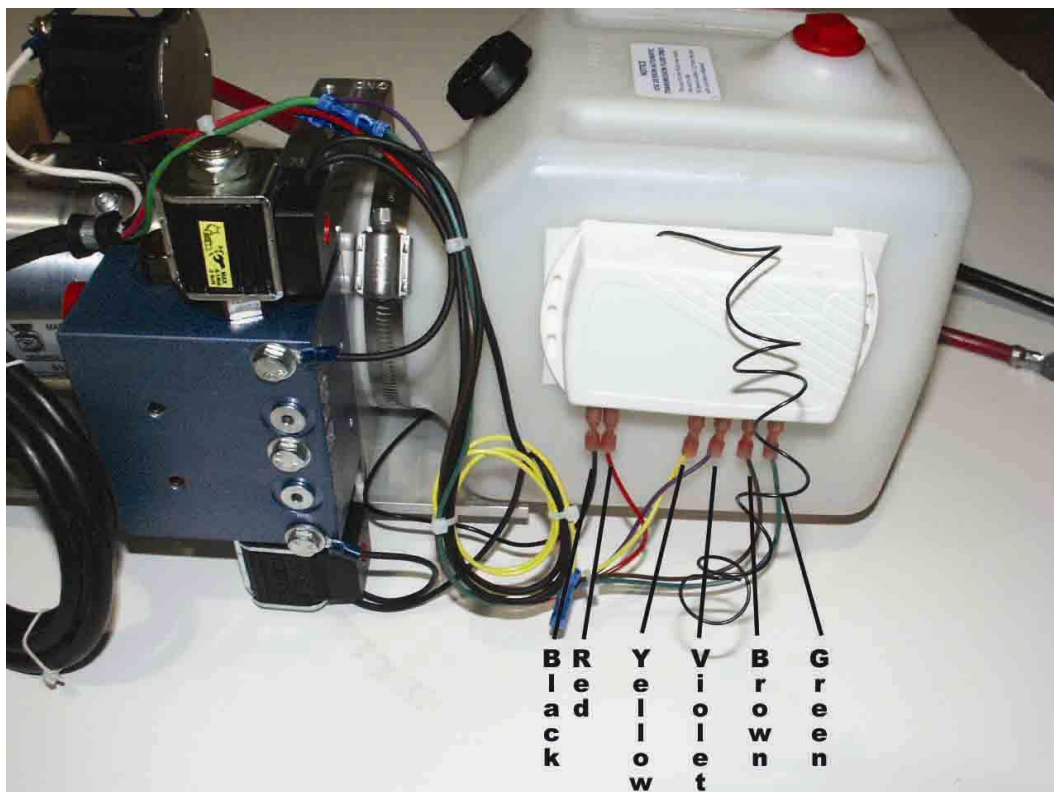
Transmitters (2)

(1) Cable tie 36"

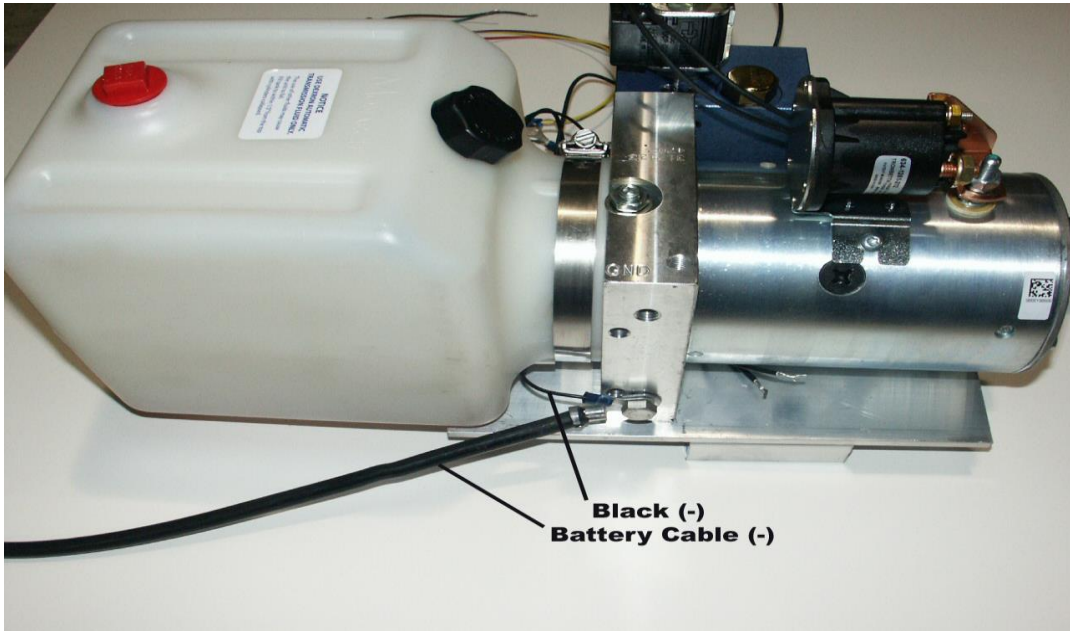
(2) Splice connectors – blue

(5) White cable ties

1. Attach the white receiver to the side of the reservoir using the large 36" cable tie.

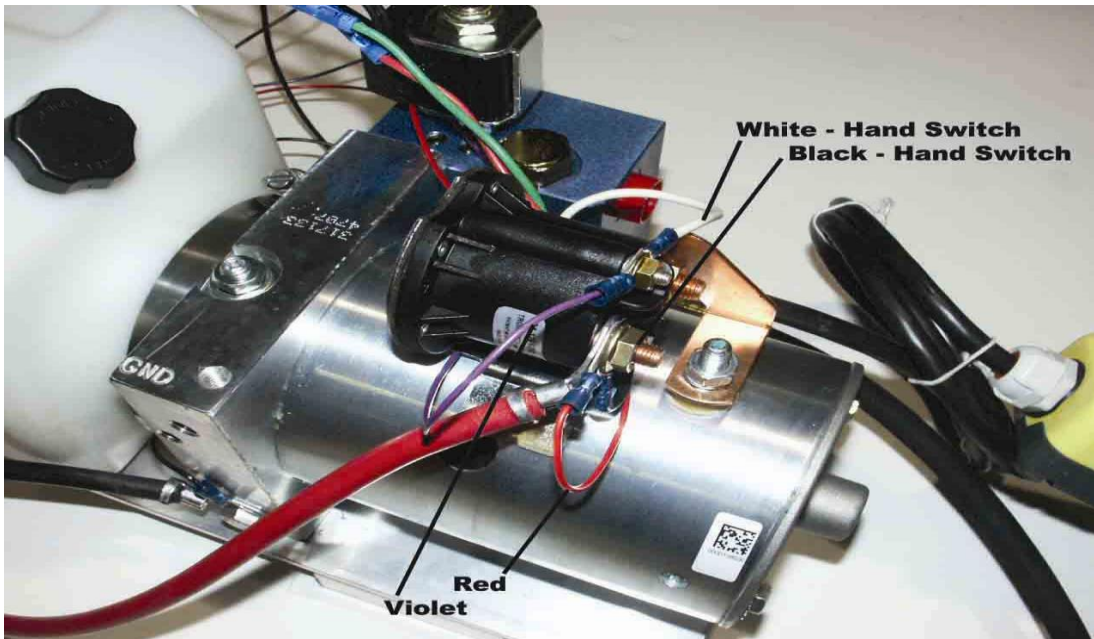


2. Bring the black wire under the tank and attach to the bolt with the Black, negative battery cable.

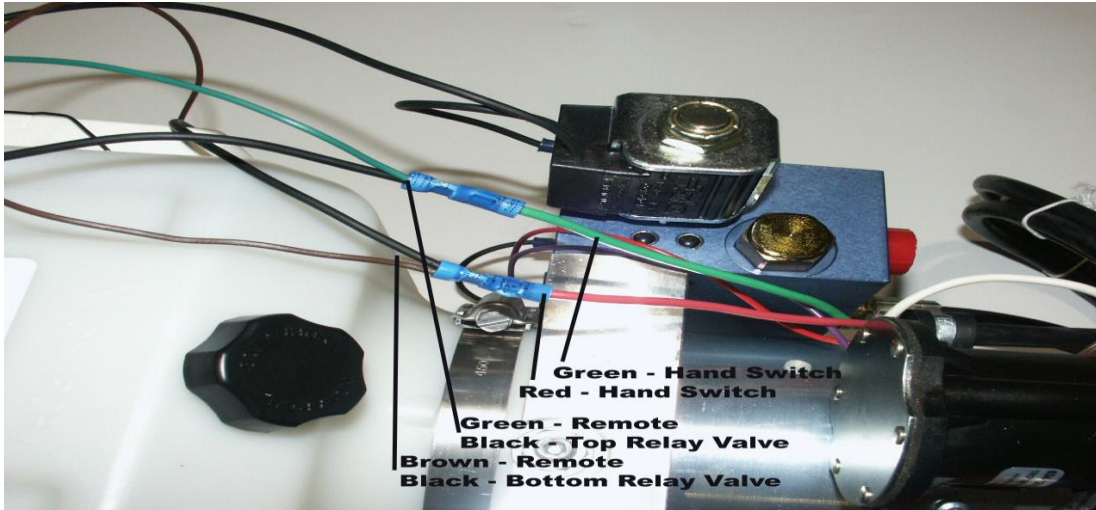


3. Attach the violet wire to the top of the motor starter (the white wire from the yellow switch is connected here).

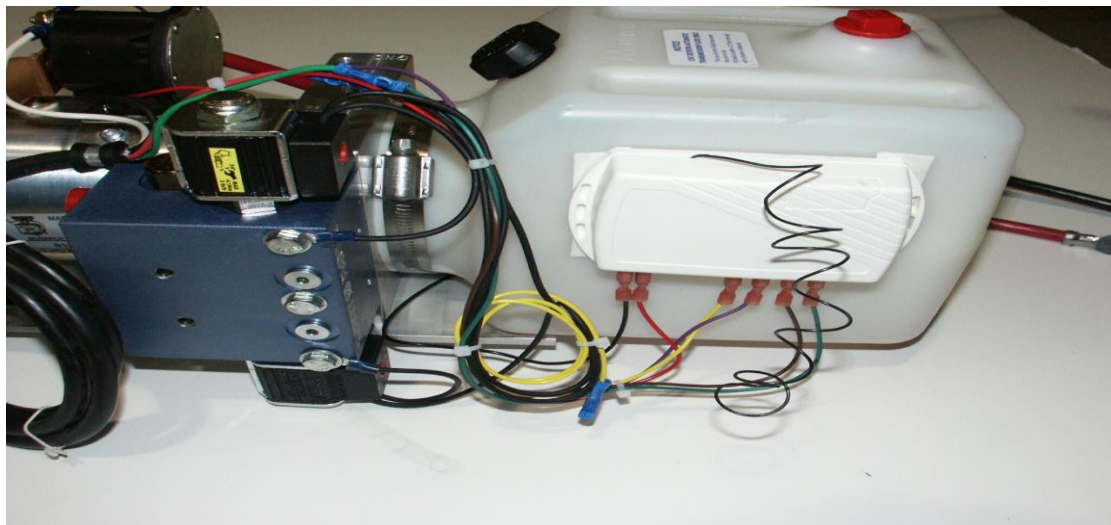
4. Attach the red wire to the 1/2" stud that the Red, positive battery cable and the black wire from the yellow switch are attached.



5. Green wire + black wire from top relay valve, splice into green wire from yellow switch. Raise cycle.
6. Brown wire + black wire from bottom relay valve, splice into red wire from yellow switch. Lower cycle.



7. Coil and secure wire using tie cables as shown.



White Receiver	Yellow Switch	Connect to:
Red	Black	Motor Starter Side (+)
Black		Pump Block (-)
Yellow		12 volt light then to (-)
Violet	White	Motor Starter Top
Brown	Red	Bottom Relay Valve
Green	Green	Top Relay Valve