

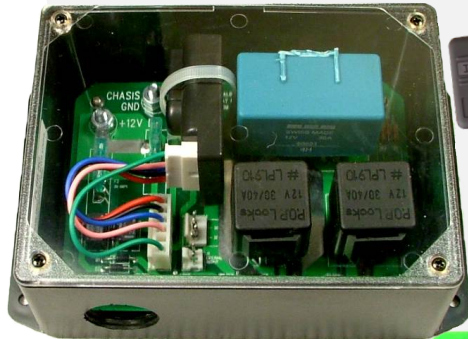
GUIDE COPY TO REMAIN IN VEHICLE

Part # PLRB-RC

Keyless Power Lock Relay Control Module

3 Channel Transmitter (Keyfob)

Shown Mounted in Enclosure



I Channel One: Button One Unlocks Outboard Relay.
Channel Two: Button One, When Pressed Immediately After, Unlocks The PLRB-RC3 Control Board.

III Channel Three: Button Two Locks Outboard And Main Control Module.



Component I.D.

Patent Pending

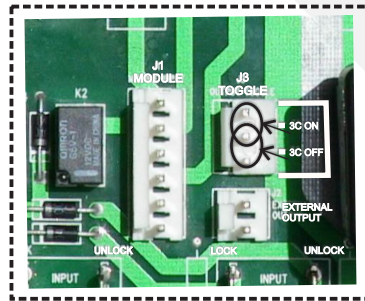
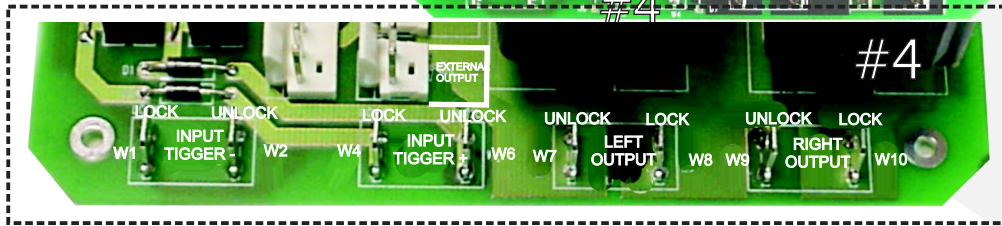
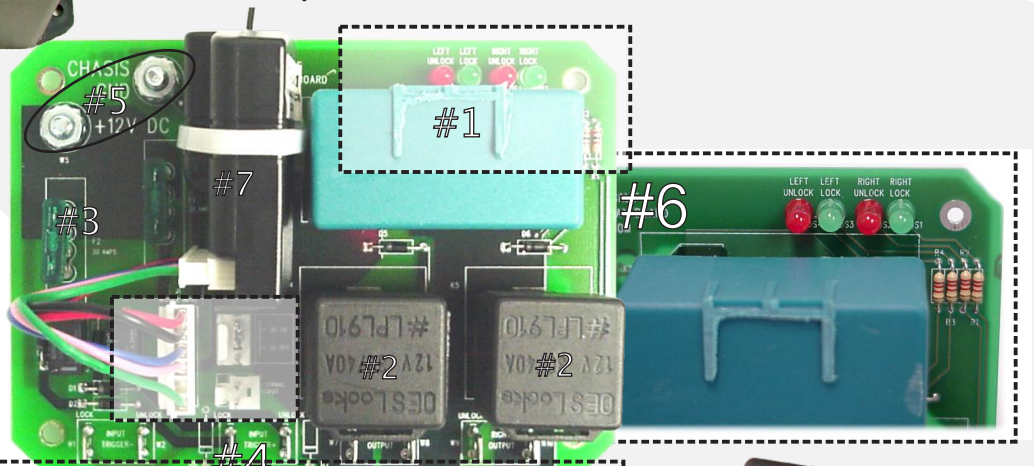


FIG 3



Part List:

- #1- 6 pin timed relay.
 - #2- 5 pin 30/40 relays.
 - #3- 30 amp fuses.
 - #4- Eight 1/4" stab connectors.
 - #5- Power & Ground lugs.
 - #6- 2 red 2 green LEDs.
 - #7- RC unit location and mounting hole.
- (W1 W2 Input Trigger -): Intended momentary negative input triggering main control module.
- (W4 W5 Inputs Trigger +): Intended momentary positive input triggering main control module. Any 12v including circuits that hold a negative at rest.
- (W7 W8 Outputs): Negative at rest 12-volt, fused ATC @ 30 Amp. Suggested use on vehicles left side wire harness. See wiring details.
- (W9 W10 Outputs): Negative at rest 12-volt, fused ATC @ 30 Amp. Suggested use on vehicles right side wire harness. See wiring details.

J1 Module: Keyless Entry Control Module Input.
J3 Toggle: Dip Switch 3rd Channel Flip/Flop Option.
External Output: 3rd Channel Or Additional Piggy Back Relay Option. Use Provided Jumper And Close Pins Indicated To Activate 3rd Channel. Slave Piggy Pack On, Close Pins 3C As Indicated.



Trouble Shooting Guide

Problem

Solution

1. Both transmitters fail and vehicle rocker switch continues to work correctly
 - a.) First check the transmitters battery.
 - b.) Find the wire harness to the receiver (4 wire, blue, green, red, black) and unplug the harness to disconnect power to the receiver. Wait approximately 3 minutes and plug it back in. Within 2-5 seconds press button 1 of transmitter 1 then button 2 of transmitter two. This process is called recoding.
2. One transmitter works correctly, the other does not.
 - a.) Check the battery of the transmitter not working.
3. One compartment fails to lock or unlock.
 - a.) Make sure all connecting contacts are complete and fully plugged.
 - b.) Test the wiring by removing the non-working actuator from the wire harness at the actuator. Using a test light, probe connect to both contacts from the wiring harness. The test light should only momentarily light when the locking system is cycled.
4. One entire side of the vehicle will not lock or unlock.
 - a.) Check the main control module fuses and replace if necessary.
 - b.) Confirm the that LED lights light during lock unlock cycle.
 - c.) Verify that the wire harness in the vehicle is not cut or damaged.
5. The vehicles compartments lock and unlock, but the switch in the cab will not work.
 - a.) Please refer to solutions in problem 4.
6. The vehicles power locks fail to work from the rocker switch, but the remotes work correctly.
 - a.) Look for loose or damaged wires at the rocker switch or control module.
 - b.) Test simulate trigger at the control module using a test light. Connect it to power. With probe, touch positive input trigger lock/unlock.
7. Remote key fob must be close to the vehicle before working correctly.
 - a.) Replace battery.

If none of these solutions solve the controllers problem(s) please call HDC for further support (877) 725-3432

Code Learning Transmitter Programing Instructions

Section 1: Programming RC-3CH to learn additional transmitter codes.

The RC-3C will learn up to three (3) different transmitter codes. To add a new transmitter code, complete the following procedure.

1. Unplug the RC (Keyless Brain) from the Control Module or disconnect the battery of the vehicle and use a test light to discharge any remaining static current.
2. Re-plug the Control Module (brain) of the RC into the wiring harness or reconnect the battery of the vehicle.
3. Immediately press Button #1 of each transmitter to be used with the RC, one after the other. (Please note that when adding a new code, you must press button #1 on the transmitter of each code to be used with the unit, even if it already knows the transmitter code previously.)

Section 2: Transmitter Battery Replacement Instructions

1. Remove the screw from the back of the transmitter.
2. Remove the front cover. Remove the old battery carefully.
3. Replace with new battery and close front cover. (We recommend the use of #12V GP23A or similar).
4. Press any button. Check for light flash from LED. (If no LED flash, change polarity of battery).

Note: Normal battery life is approximately two years, but varies depending on usage. For optimum performance and RF range replace the battery at least once a year.

