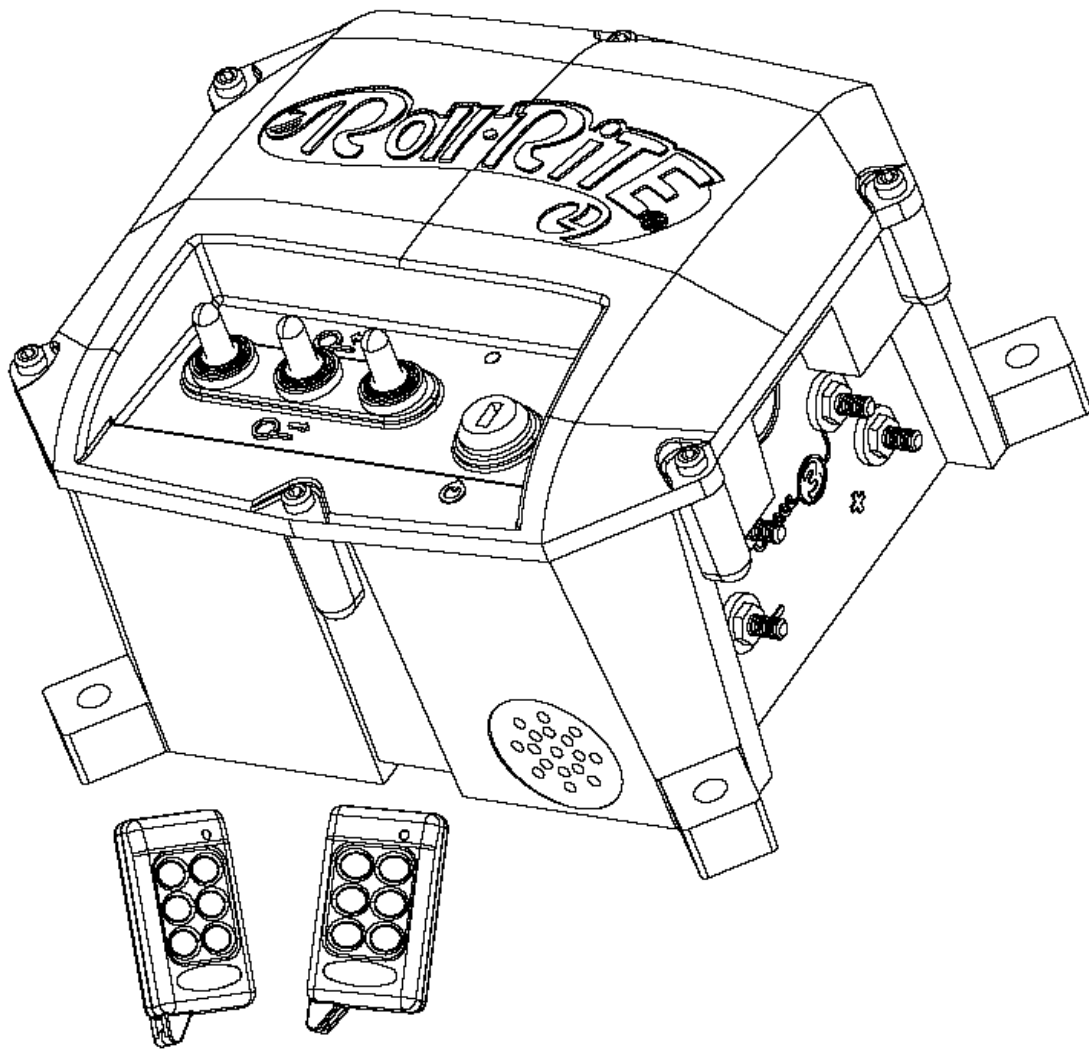




Installation Instructions for Part # 19805
Relay Kit for 3 Motors w/ Wireless Remote Control



FCC ID: KNF6RX

FCC Compliance and Advisory Statement

This device complies with Part 15 of the FCC rules. Operation is subject to the following two conditions: 1) this device may not cause harmful interference, and 2) this device must accept any interference received, including interference that may cause undesired operation.

This equipment has been tested and found to comply with the limits for a Class B digital device, according to Part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try correct the interference by one or more of the following measures:

- 1.Reorient the receiving antenna.
- 2.Increase the separation between the equipment and receiver.
- 3.Connect the equipment into and outlet on a circuit different from that to which the receiver is connected.
- 4.Consult the dealer or an experienced radio/TV technician for help.

Any special accessories needed for compliance must be specified in the instruction manual.

Warning: A shielded-type power cord is required in order to meet FCC emission limits and also to prevent interference to the nearby radio and television reception. It is essential that only the supplied power cord be used. Use only shielded cables to connect I/O devices to this equipment.

CAUTION: Any changes or modifications not expressly approved by the party responsible for compliance could void your authority to operate the equipment.

Installation:

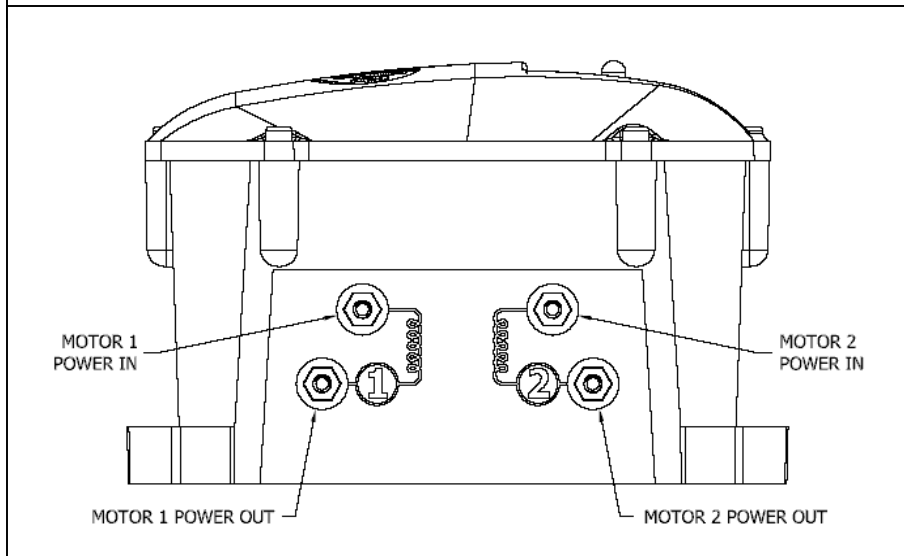
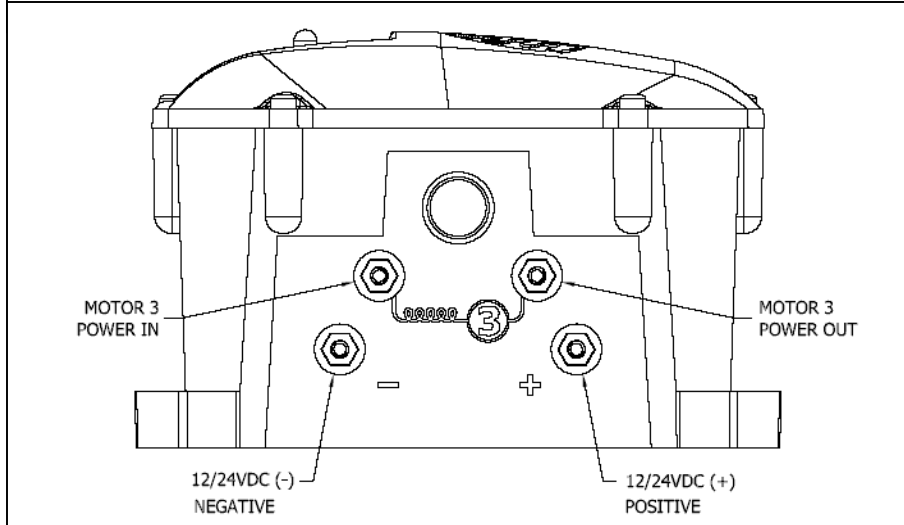
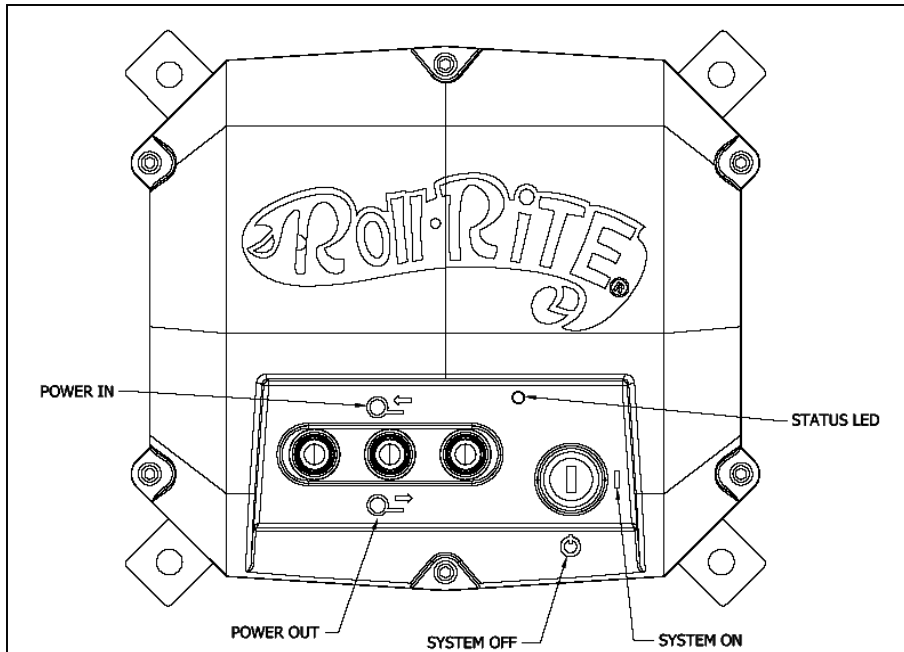
- 1) Mount the enclosure in a secure location. Select a location that will minimize the amount of wire needed and that is as shielded as possible from the elements.
- 2) Run a pair of wires (6 awg is recommended) from a 12 Volt battery (**do not connect to the battery at this time**) to the box and feed them in through one of the black wire glands.
- 3) Connect your positive battery wire to the “+” terminal on the case.
- 4) Connect your negative battery wire to the “-” terminal on the case.
- 5) Run a pair of wires (6 awg is recommended) from the first motor you wish to control to the box and connect them to the motor 1 outputs.
- 6) Repeat steps 5 for the optional second and third motors.
- 7) Connect the motor wires to the motors using the terminals provided.
- 8) Connect the battery wires to the battery, splicing the included circuit breaker into the positive wire as close to the battery as possible. Use the terminals provided.
- 9) Using one of the included keys, un-lock the keyed switch to allow the controls to operate.
- 10) Verify that the motors operate in the correct direction when the manual toggle switches are used. Swapping the two wires hooked to the back of each motor will reverse its rotation.
- 11) Verify that the first motor operates correctly when the “I” and “II” key fob buttons are pressed and held and that the second motor operates correctly when the “III” and “IV” key fob buttons are pressed and held. If the motors operate at the incorrect time check that the wires are connected to the proper output.

Operation:

The outputs may be controlled via the front mounted toggle switches or the 6 button remote keyfob. The power in direction of the toggle switch corresponds to the odd numbered buttons on the keyfob. And the opposite toggle direction, power out, is consistent with the even numbered keyfob buttons.

IMPORTANT Always have the function you are activating in sight during use to facilitate diagnosis of any possible mechanical or electrical problems.

Input voltage selection, if your unit has been equipped with 24 volt contactors the dip switches on the 2 switch bank should both be in the ON position. If using on 12-volt equipment leave both these switches in the OFF position.



Programming/Re-Programming Transmitter:

Before you begin, here are some hints:

- The included keyfobs are pre-programmed from the factory to match the included receiver.
- Before beginning, gather all of the keyfobs that you wish to program. The receiver will store codes for up to four keyfobs, but all must be programmed at the same time. Programming an additional keyfob at a later date will erase all previously stored keyfob codes.
- The receiver automatically exits programming mode if it detects no activity for 10 seconds. If this happens before you finish, you will need to start over at Step 1. Reading all the way through the instructions before beginning will help.

Programming Instructions:

- 1) Turn the keyed switch on and wait for the solid green LED
- 2) Turn the key switch off/on rapidly 5 times. If the led goes out during the process, you are switching too slowly. Leave the key in the on position after the 5th cycle. With the key in the on position the LED should now show solid red.
- 3) Press any button on the first keyfob until the LED on the receiver blinks. Repeat for any remaining keyfobs.
- 4) When finished, simply wait 10 seconds for the receiver to exit programming mode (the light will go back to solid green).

If you have any questions, please call our Customer Service Department at 1-800-297-9905.

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