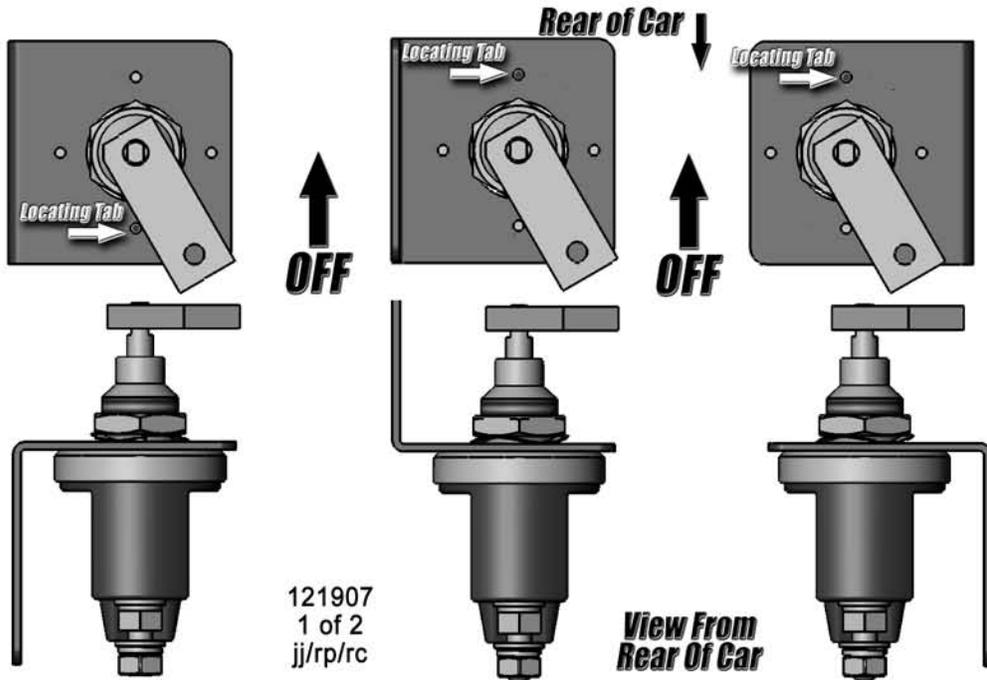




Flaming River Industries
800 Poertner Dr. Berea, Oh. 44017
The Big Switch with Remote
Lever Kit FR1003-2
1-800-648-8022

The Level Kit assembly is designed to remotely operate The Big Switch, Flaming River part number FR1003. The switch assembly meets Oval Track and Drag Racing requirements for battery cut – off switches. Check the rules of your particular racing association for acceptance. Please note the following comments as they relate to competition regulations as established by NHRA.

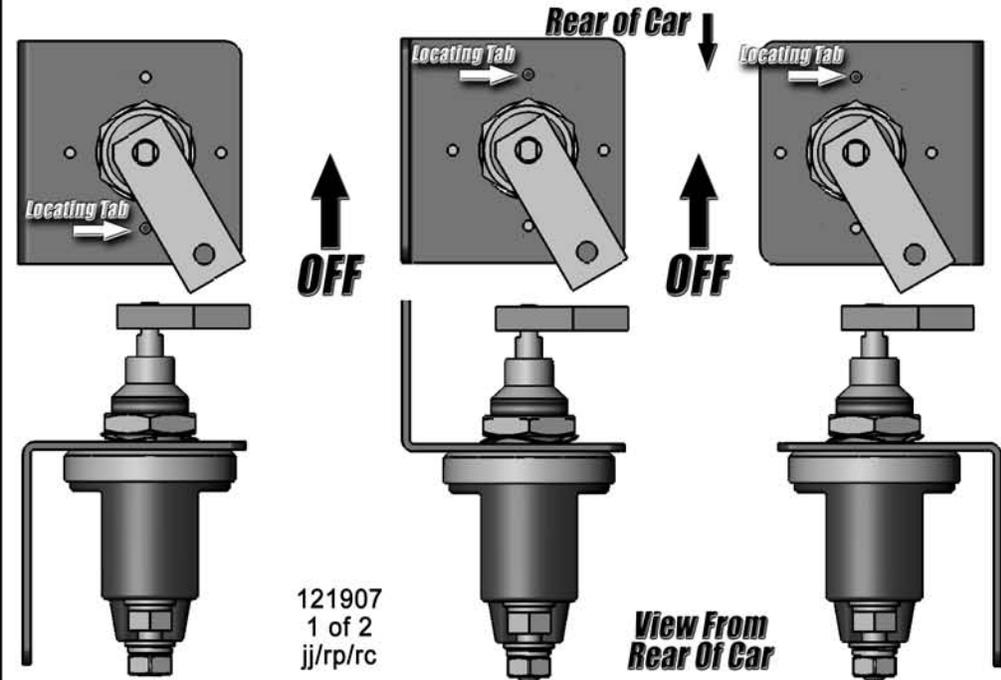
- 1)The Big Switch is accepted for competition use by NHRA.
- 2)Using the Remote Lever Kit assembly with The Big Switch meets NHRA requirements for “outside, rear of vehicle” cut off switches.
- 3)The diameter of the activation rod (1/2”) exceeds the NHRA requirement of 5/16” minimum diameter.
- 4)The Big Switch with Remote Lever assembly must be installed in such manner that pushing action shuts off the vehicles electrical system.
- 5)All disconnect switches be clearly labeled. A “Push Off” decal is supplied with the Remote Lever Kit.
- 6)NHRA requires that all cut-off switches be...”Connected to the positive side of the electrical system and must stop all electrical functions...”



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Remote Lever Kit Assembly Instructions

- 1) Install the switch in the vehicle. The switch must be installed in such a manner that a pushing action shuts off the electrical system (opens the switch). Refer to the illustration below for proper mounting position. Note the position of the locating tab in relation to the actuating block.
- 2) Secure the actuating block to the stem of the switch using the steel spring pin supplied with the kit.
- 3) Assemble the lever as illustrated to the right.
- 4) After passing the lever assembly through the rear of the car, if necessary, insert the ball stud into the actuating block. Tighten the hex nut to 10 ft-lbs.

Electrical Connection Instructions

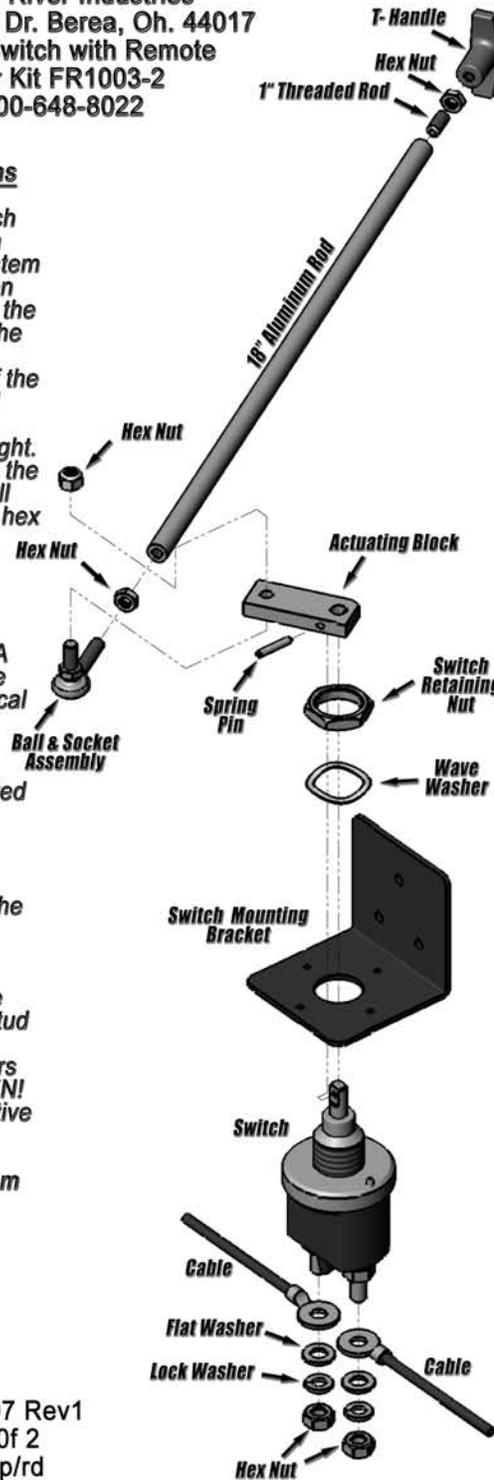
After the switch is mounted, the electrical cables can be attached to the switch. NHRA rules require that all disconnect switches be connected to the positive side of the electrical system.

Note: Terminals become part of the live electrical system and should be treated the same as the battery. Terminal Covers recommended.

- 1) Disconnect the negative cable from the battery before connecting any cables to the switch.
- 2) Install one cable between the positive terminal of the battery and one of the terminal studs on the switch. Connect the second cable between the other switch stud and its attachment point on the race car.
- 3) Tighten the hex nuts until the lock washers flatten. 50 in-lbs. **DO NOT OVERTIGHTEN!**
- 4) Reconnect the negative lead to the negative battery post of the battery.

Caution... Keep all moving parts away from terminals.

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jj/rp/rd



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