

Installation Instructions for 63004 Electric Brake Shut-Off Kit

BE CAREFULL – DO NOT OVERTIGHTEN THE THREADED FITTINGS! Use a Teflon thread sealing compound on the 1/8" NPT threads to avoid leaks and guard against galling of threads.

WARNING

Proper operation of your brakes is essential for your safety and the safety of others. Any brake service should be performed **ONLY** by persons experienced in the installation and proper operation of brake systems. It is the responsibility of the person installing any brake component or kit to determine the suitability of the component or kit for the particular application. After installation and before operating your vehicle, be sure to test the function of the brakes under controlled conditions. **DO NOT DRIVE WITH UNTESTED BRAKES!**

Installation Instructions:

1. Securely mount the solenoid to the car away from headers or excessive heat. Each end of the solenoid has an 1/8" NPT port that is stamped as follows:
IN: This side of the solenoid (3/4" hex end nut on the solenoid) is plumbed to the caliper to be shut-off. This is generally the right front caliper in a dirt racing application.
Out: This end of the solenoid (round brass end of the solenoid) is plumbed to the front brake tee.
(Note – these markings seem backward, but we are locking the pressure on the master cylinder side of the valve and don't want to lock pressure on the caliper side. This same type of valve is often used in drag racing and the two brake lines are plumbed opposite in that application).
2. Connect brake lines using the 1/8" NPT to 3/8"-24 brass adapter fittings included in this kit. Use Teflon thread sealant compound on the 1/8" NPT threads to avoid leaks and guard against galling of threads. Be careful not to get the Teflon sealant into the valve or brake lines.
3. Bleed brakes and check for any leaks.

Wiring:

All wiring connections should be soldered and covered with shrink sleeving.

1. Disconnect battery.
2. Wire per diagram on next page. Use a 12 volt power source to the toggle switch that is active only when the vehicle ignition is on (don't use a power source that is on all the time).
3. Reconnect battery and test for correct operation in a controlled environment.

Operation:

Make sure your foot is **NOT** on the brake pedal, and turn on the toggle switch for 3-wheel brakes. Turn off the toggle switch when you want 4-wheel brakes (normal operation).

Caution: If the switch is left on for an extended period of time, this may damage the solenoid. Turn off the toggle switch when the 3-wheel brake system is not in use.



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