



INSTALLATION INSTRUCTIONS

P/N 44050

MOROSO ANTI-ROLL KIT

PARTS LIST

| | |
|---------------------------|----------------------------------|
| 1 – LED Light | 1 - Solenoid |
| 1 – Fuse 5amp | 1 – Fuse Holder |
| 1 – Switch Bracket | 1 - Switch |
| 1 – 10-32" x 1 1/4" Screw | 2 - #10 x 3/8 Sheet Metal Screws |
| 1 – 10-32" Locknut | |

NOTE: The Moroso Anti-Roll unit is designed to be used on drag race cars. It is not intended to be used on street cars and if installed on street vehicles, it may violate motor vehicle laws.

-Use only with Dual System Brakes. Connect only to front brakes.

-When energized, flow to front brakes is completely blocked.

OPERATING INSTRUCTIONS:

TO ACTIVATE: Depress brake pedal and hold, depress control switch and hold, release brake pedal. Brakes are now locked. To release brakes, release control switch. Do not energize solenoid for more than one minute. The amount of pedal pressure required to hold each car will vary **NOTE: When unit is energized, flow is stopped in both directions. Additional pressure may not be pumped into front brakes.**

BEFORE BEGINNING INSTALLATION:

- A. Wire, fittings and brake lines which are not included, may be purchased at your local auto parts store (see page 2).
WIRE: 18 ga. stranded
BRAKE LINE: 3/16 double flare steel line
FITTINGS: Weatherhead – part number from chart on last page.
- B. Mounting location:
 - a. Unit should be mounted close to the brake line to which it will connect.
 - b. Unit should be mounted away from headers as excessive heat may cause damage.
 - c. Must be solidly mounted in any position to firewall, frame rail, etc.
- C. Pages 3 and 4 show installation of the Anti-Roll solenoid in the four general types of brake systems. One of these should be similar to what is in your car. Use this diagram to install the solenoid valve. Use Type 3 diagram for '79 – '93 Mustangs.

INSTALLATION INSTRUCTIONS:

1. Mount solenoid valve to car. **NOTE:** Either black wire from the solenoid can be connected to the positive voltage supply and the other wire must be attached to mounting screw.
2. Install new steel brake line. Be sure that the master cylinder connects to the end labeled "MC" and the other end goes to the brakes. Install fitting as required.
3. Close unused opening in pressure differential block with tubing plug.
4. Bleed brakes and check for leaks.

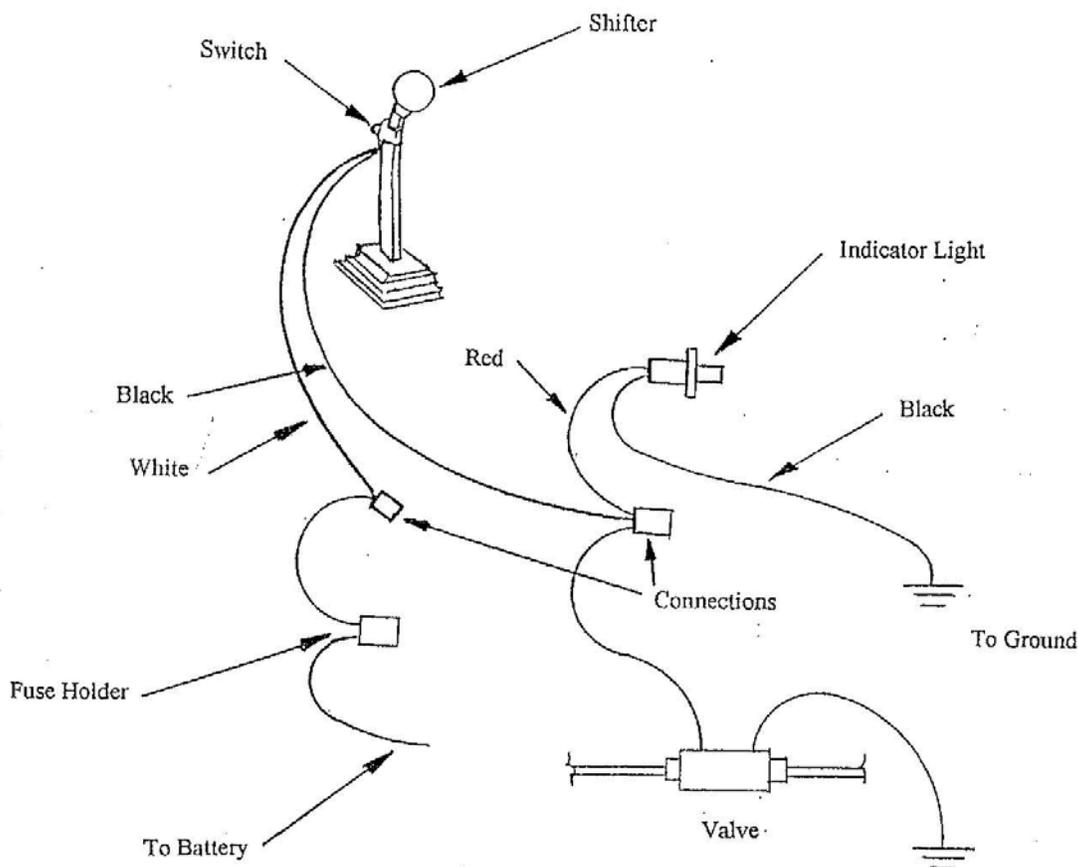
**For Technical Assistance, Call Moroso's Tech Line at
(203) 458-0542, 458-0546 8:30am – 5:00pm Eastern Time**

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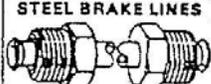
WIRING INSTRUCTIONS:

All wiring connections should be made with proper crimp type connectors or should be soldered. Disconnect battery before wiring. All connections should be covered with shrink sleeving or electrical tape.

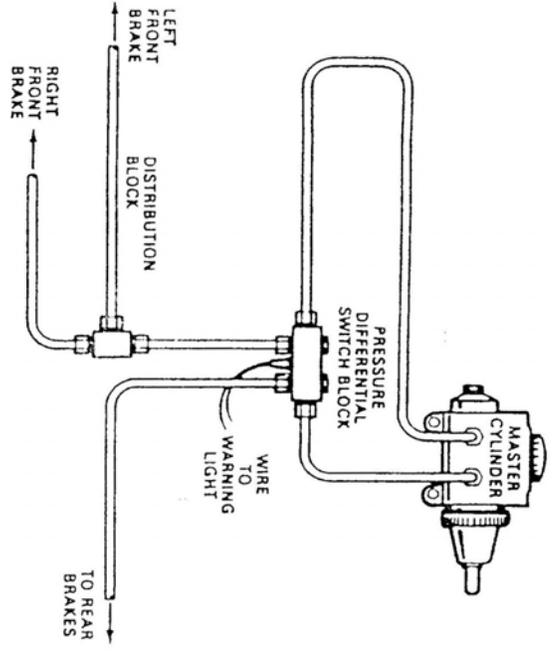
1. Install switch assembly into switch bracket. Secure cord to switch level.
2. Mount indicator light on instrument panel. Black wire must connect to ground.
3. Connect black wire from switch to red wire on indicator light and from there to remaining wire on solenoid.
4. Connect white wire from switch to fuse holder.
5. Connect other end of fuse holder to power source.
6. Reconnect battery and check for proper operation.



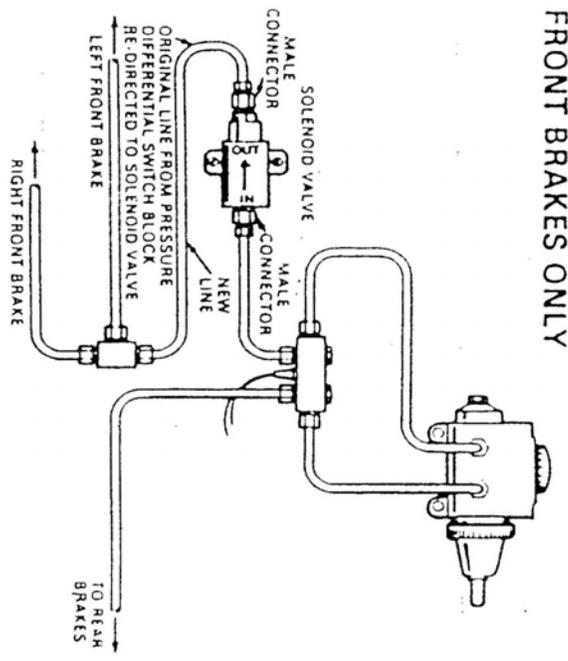
PLUMBING ACCESSORIES

| DESCRIPTION | TEE | MALE CONNECTOR | STEEL PLUG | UNION | STEEL BRAKE LINES | MALE ELBOW |
|-------------|---|---|---|--|---|---|
| |  |  |  |  |  |  |
| | 552X3 | 202X3 | 131X3 | 302X3 | 3/16" dia. | 402X3 |
| | 552X4 | 202X4 | 131X4 | 302X4 | 1/4" dia. | 402X4 |

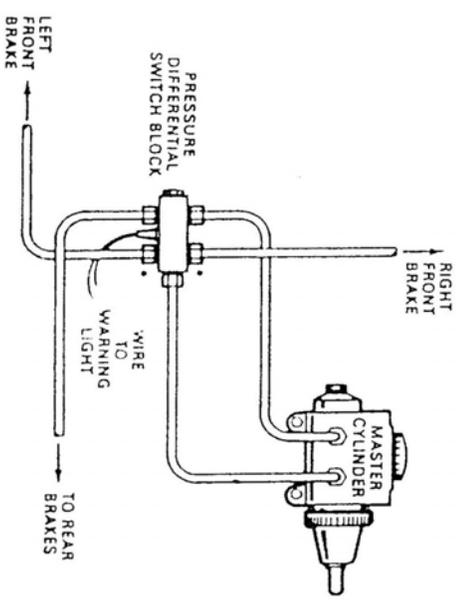
Type 1



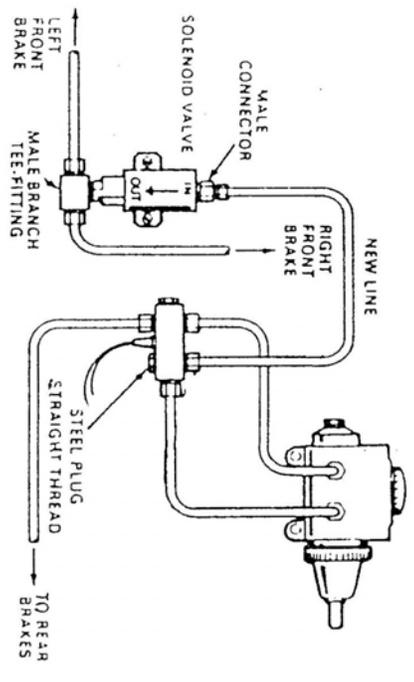
FRONT BRAKES ONLY



Type 2

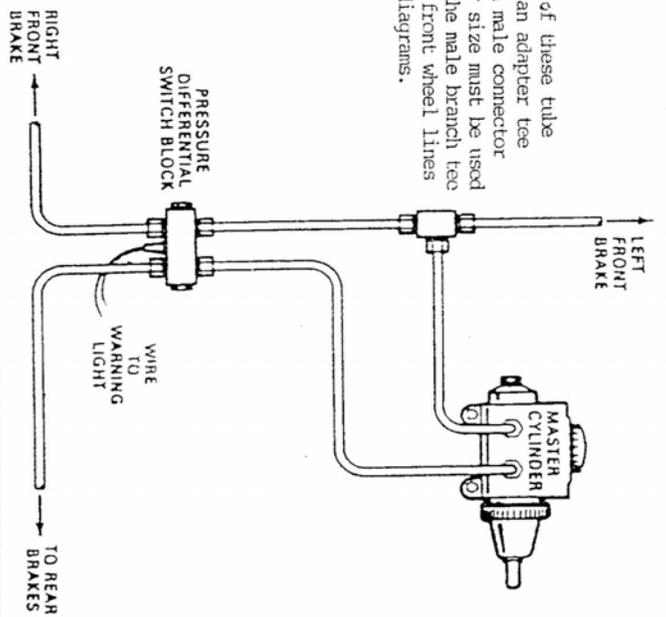


FRONT BRAKES ONLY

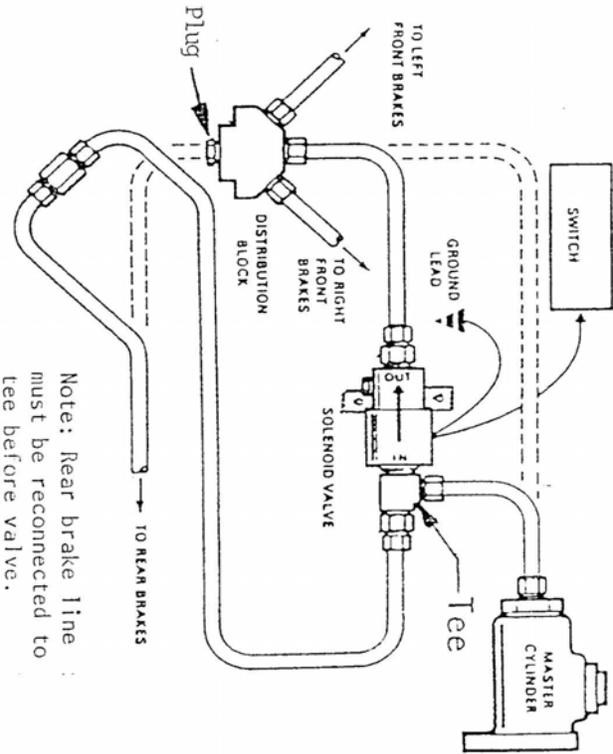


Type 3

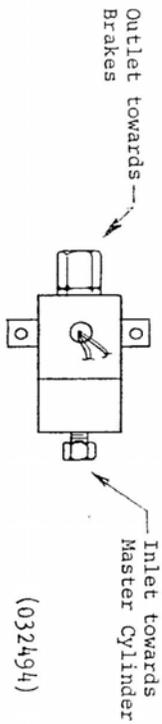
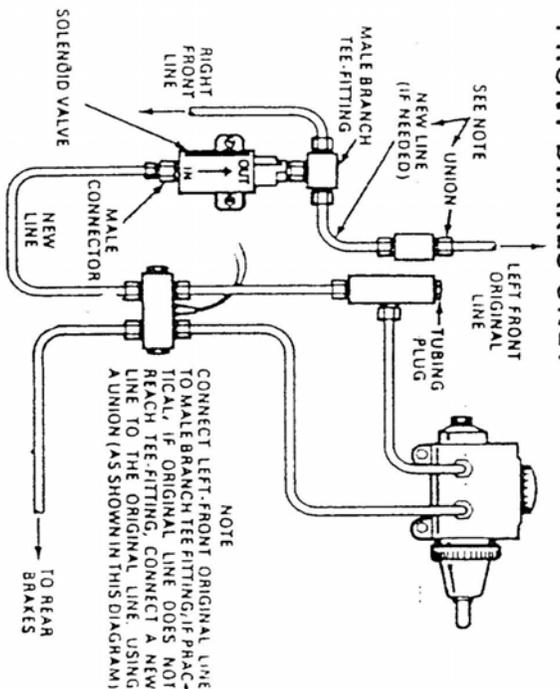
If the sizes of these tube nuts differ, an adapter tee fitting and a male connector of the proper size must be used in place of the male branch tee as shown in diagrams.



Type 4



FRONT BRAKES ONLY



ANTI ROLL KIT INSTALLATION 1979-1993 FORD MUSTANGS

