

Service Instructions

MODEL NO. 02-680-021

MODEL NO. 03-680-021

AIR BRAKE LOCK



Caution Notice

The black and yellow, self-adhesive caution notice accompanying each MICO LOCKING DEVICE must be affixed on dash in view of operator. ALL MICO LOCKING DEVICES are supplemental safety equipment. They are not to be used in place of original equipment parking brakes. Do not rely solely on the MICO LOCK to hold the vehicle. Always set the parking brake and use wheel chocks and/or outriggers as required. MICO LOCKING DEVICES are not to be used for unattended or prolonged parking. After a MICO LOCKING DEVICE has been applied it should be checked within 5 to 10 minutes to determine if the pressure is still being

held. MICO LOCKING DEVICES should be systematically inspected. At the first sign of wear, deterioration, or abuse, MICO LOCKING DEVICES should be repaired or replaced.

Before disconnecting lines or fittings, the area must be cleaned of dirt or road residue. Use of sealants is not recommended. Do Not use tape type sealants. If sealants are not properly used they can cause a brake system to become inoperative. When making new connections or adding to existing brake systems, use procedure outlined in Vehicle Manufacturer's Service Manual or S.A.E. Standards.

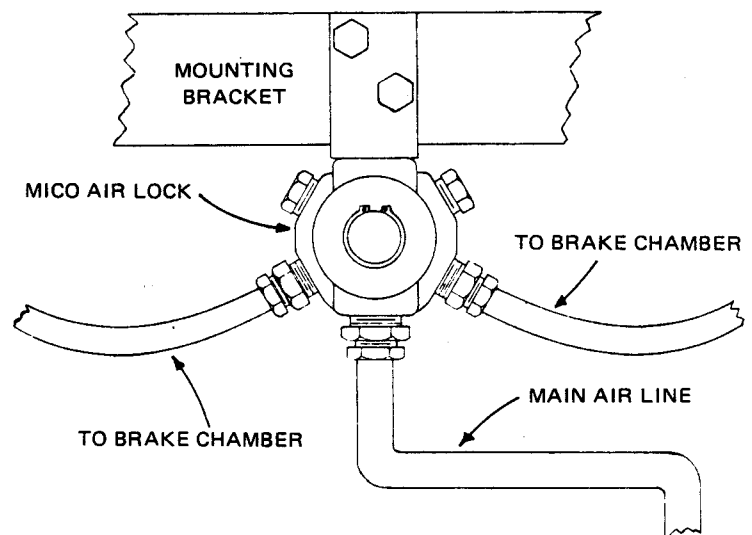
DO NOT OPERATE THE MICO LOCKING DEVICE UNLESS OPERATING INSTRUCTIONS AND RELATED LITERATURE ARE READ AND UNDERSTOOD. INSTALLATION & OPERATING INSTRUCTIONS MUST ACCOMPANY A MICO LOCKING DEVICE TO END USER.

EXTREME CAUTION SHOULD BE USED TO ASSURE NO SEALANT ENTERS THE BRAKE SYSTEM

MOUNTING PROCEDURES

AIR LOCK ON VEHICLE NOT USING QUICK RELEASE VALVE

1. Disconnect all air lines connected to the junction T at the rear cross frame.
2. Remove T from support bracket.
3. Remove support bracket.
4. Remove fittings from T and install them in MICO Air Lock.
5. Drill two mounting holes in support bracket to mount Air Lock — holes must be mounted so the MICO Air Lock will be vertical when support bracket is remounted to rear cross frame in inverted position.
6. Assemble MICO Air Lock to support bracket.
7. Connect all air lines to Air Lock (be sure to do this before fastening support bracket to frame).
8. Plug any outlet holes in Air Lock not used in connecting to system with $\frac{1}{4}$ " pipe plugs.
9. Fasten support bracket to frame and tighten all connections very tight.



LOCK MUST BE IN VERTICAL POSITION WITH COIL END UP

FIGURE 1

AIR LOCK ON VEHICLE USING QUICK RELEASE VALVE

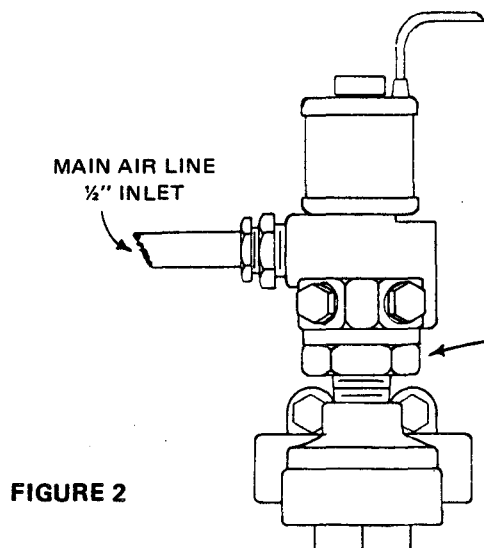


FIGURE 2

NO. 28-050-001
1/2" MALE
ADAPTOR SCREWS
INTO INLET OF
QUICK RELEASE

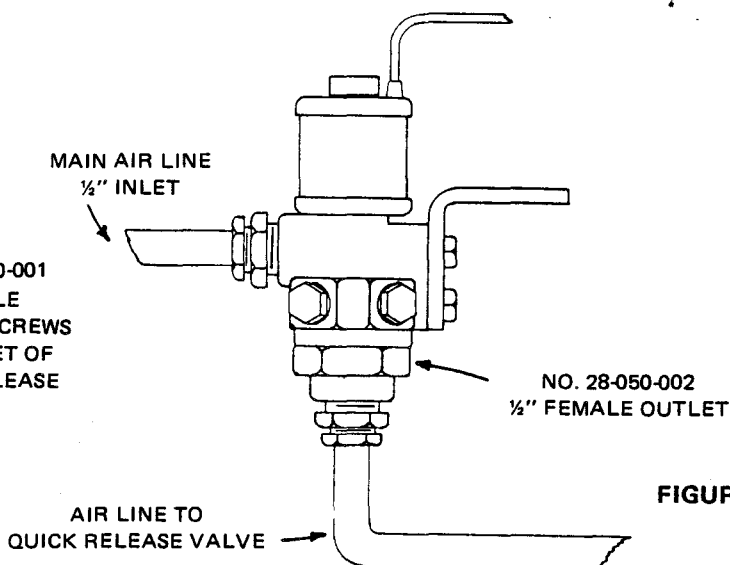


FIGURE 3

AIR LOCK MUST BE IN VERTICAL POSITION WITH COIL END UP

When mounting a MICO Air Lock on a vehicle using a quick release valve an adaptor kit is necessary. There are two adaptor kits available:

- NO. 28-050-001 which attaches Air Lock directly to the quick release valve.
- NO. 28-050-002 which installs Air Lock in main air line to the quick release valve.

The mounting procedures are the same as those for a vehicle not using a quick release valve with these additions:

- BE SURE THAT SUFFICIENT CLEARANCE IS AVAILABLE.
- DO NOT DEPEND ON AIR LINE TO SUPPORT AIR LOCK.
- SECURELY PLUG UNUSED 1/4" OUTLETS.
- USE MOUNTING BRACKET SUPPLIED IN AIR LOCK KIT.

When installation is complete check all hose connections, quick release valves, and air chambers for leaks.

- If quick release leaks between cap and housing, repair is required.
- If quick release leaks through exhaust port, install new diaphragm kit.

WIRING DIAGRAM

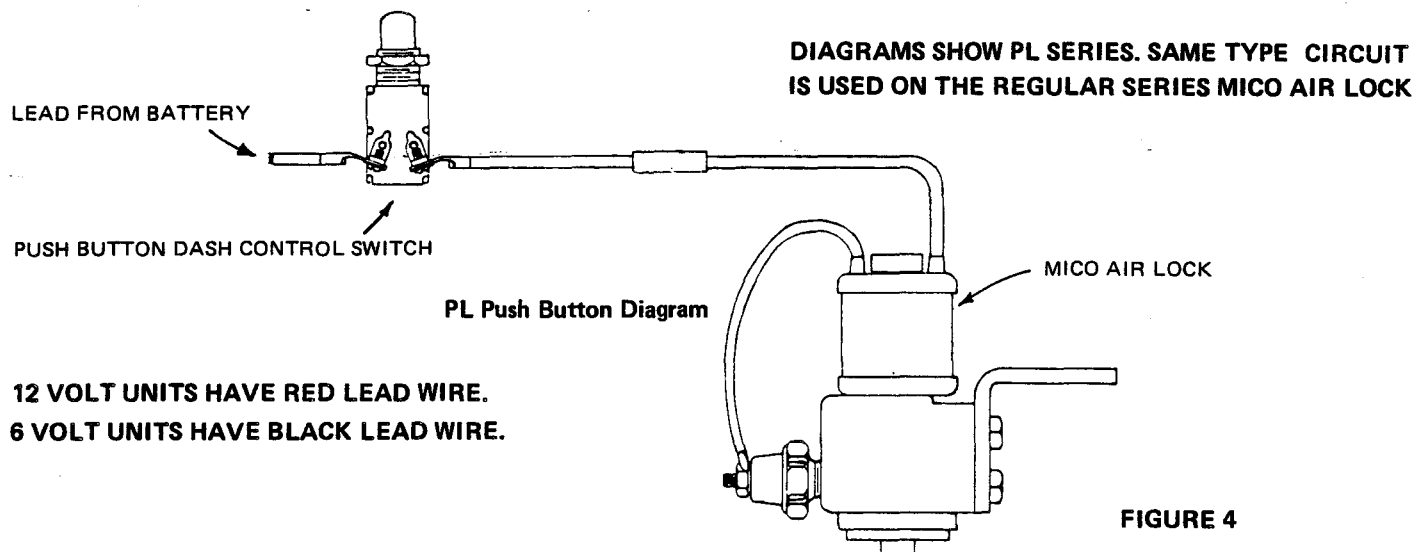


FIGURE 4

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