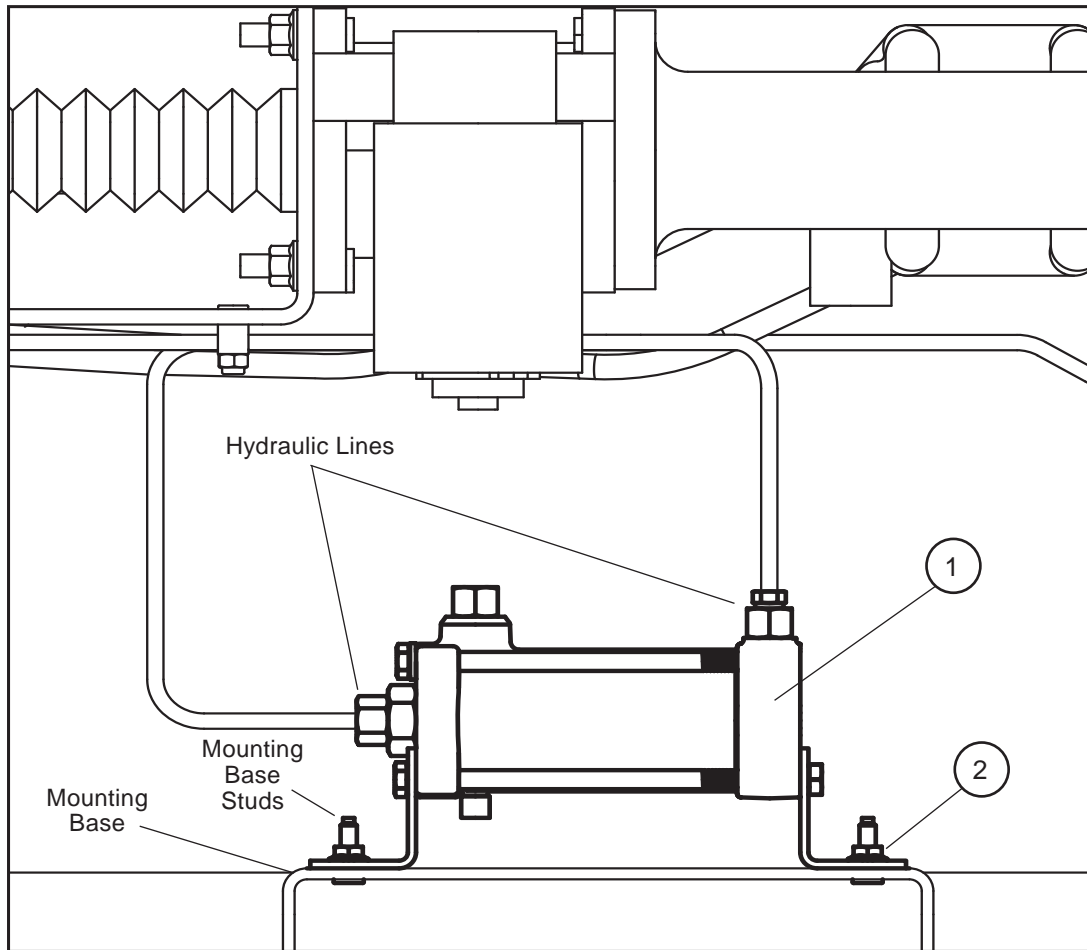




Installation Instructions

MICO® INTERLOCK ACTUATOR REPLACEMENT KIT



Interlock Actuator Replacement Kit piece no. K034279 consists of:

Item No.	Description	Quantity
1	Interlock Actuator	1
2	1/4-20 Flange Locknuts	4

FIGURE 1 - MICO® INTERLOCK ACTUATOR INSTALLATION

DESCRIPTION

This kit contains all of the components necessary to replace the MICO® Interlock Actuator. The components contained in the kit are shown above.

REMOVAL OF THE INTERLOCK ACTUATOR

1. Disconnect the power source to the vehicle (battery power).

2. To facilitate the installation of the replacement interlock actuator, identify and mark the hydraulic lines.
3. Loosen the two hydraulic fittings and disconnect the lines that are connected to the interlock actuator(1). Refer to Figure 1 for the locations.
4. Remove and discard the four 1/4-20 flange locknuts(2) that secure the actuator to its mounting base.
5. Remove the interlock actuator(1) from the vehicle.

GENERAL SAFETY GUIDELINES

WARNING! PLEASE READ AND FOLLOW THESE INSTRUCTIONS TO AVOID PERSONAL INJURY OR DEATH:

When working on or around a vehicle, the following general precautions should be observed **at all times**.

1. Park the vehicle on a level surface, apply the parking brakes, and always block the wheels. Always wear safety glasses.
2. Stop the engine and remove ignition key when working under or around the vehicle. When working in the engine compartment, the engine should be shut off and the ignition key should be removed. Where circumstances require that the engine be in operation, **EXTREME CAUTION** should be used to prevent personal injury resulting from contact with moving, rotating, leaking, heated or electrically charged components.
3. Do not attempt to install, remove, disassemble or assemble a component until you have read and thoroughly understand the recommended procedures. Use only the proper tools and observe all precautions pertaining to use of those tools.
4. If the work is being performed on the vehicle's air brake system, or any auxiliary pressurized air systems, make certain to drain the air pressure from all reservoirs before beginning **ANY** work on the vehicle. If the vehicle is equipped with a Bendix® AD-IS® air dryer system or a dryer reservoir module, be sure to drain the purge reservoir.
5. Following the vehicle manufacturer's recommended procedures, deactivate the electrical system in a manner that safely removes all electrical power from the vehicle.
6. Never exceed manufacturer's recommended pressures.
7. Never connect or disconnect a hose or line containing pressure; it may whip. Never remove a component or plug unless you are certain all system pressure has been depleted.
8. Use only genuine Bendix® brand replacement parts, components and kits. Replacement hardware, tubing, hose, fittings, etc. must be of equivalent size, type and strength as original equipment and be designed specifically for such applications and systems.
9. Components with stripped threads or damaged parts should be replaced rather than repaired. Do not attempt repairs requiring machining or welding unless specifically stated and approved by the vehicle and component manufacturer.
10. Prior to returning the vehicle to service, make certain all components and systems are restored to their proper operating condition.
11. For vehicles with Automatic Traction Control (ATC), the ATC function must be disabled (ATC indicator lamp should be ON) prior to performing any vehicle maintenance where one or more wheels on a drive axle are lifted off the ground and moving.

INSTALLATION OF MICO® INTERLOCK ACTUATOR

1. Place the new interlock actuator(1) onto the mounting base, aligning the four mounting holes with the four mounting studs. Ensure the actuator ports align with the hydraulic lines previously disconnected.
2. Install the four new 1/4-20 flange locknuts(2) to secure the actuator to the mounting base. Torque to 80 to 100 in-lbs.
3. Reconnect the two hydraulic lines to the actuator and torque the fittings to 170 to 210 in-lbs.
4. Reconnect the power source to the vehicle (battery power).
5. Bleed the hydraulic system per the vehicle manufacturer's recommendations and check for leaks.
6. Perform the Operating Test per the vehicle manufacturers recommendation before placing the vehicle back into service.

