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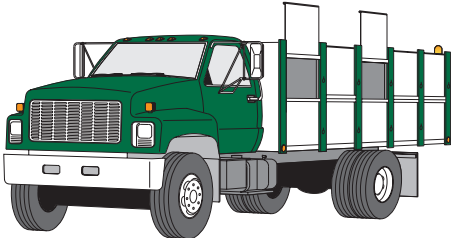
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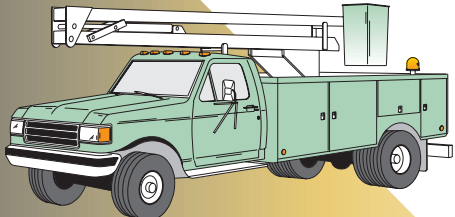
Applications:



Recycling Vehicles



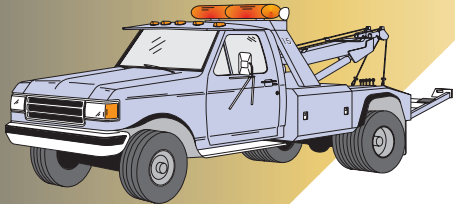
Waste Vehicles



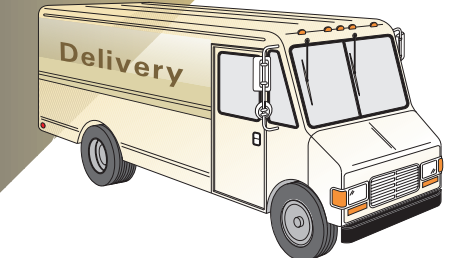
Utility Vehicles



Emergency Vehicles



Towing Vehicles



Delivery Vehicles



Electrohydraulic **690**
Brake Lock System



**The Newest Concept
 in Supplemental
 Brake Holding**

MICO 690 Brake Lock System

The MICO 690 Brake Lock System is state-of-the-art supplemental brake holding. It is a proven brake lock concept that operates as a self-contained electrohydraulic actuation system. The 690 supplements a vehicle's mechanical parking brake by utilizing the service brake system.

This unique, electronically controlled design employs a small, high-speed hydraulic pump and a remotely located dual and/or single actuator to pressurize the vehicle's brakes. The vehicle operator simply activates a switch and the 690 System does the rest! The 690 Control Module monitors every aspect of the brake lock system, compensating for pressure changes and alerting the operator visually and audibly when necessary.

690 Control Module

The 690 Control Module is the electronic control center for the 690 System. It monitors and controls all system functions, and visually and audibly informs the operator of system conditions. Indicator lights on the control module identify operating modes. The 690 Control Module contains an integral audible alarm and is designed to activate the vehicle's horn if necessary. The control module is also available without an on/off switch when operator intervention is not desired. Location: in the vehicle cab.

690 Power Unit

When activated, the 690 Power Unit pressurizes and locks system pressure. Two pressure switches send signals to the control module, indicating the current pressure conditions. If correction is necessary, the 690 Power Unit will compensate system pressure accordingly. Upon deactivation, the 690 Power Unit reverses flow to release locking pressure. Location: under the hood, behind the seat, or on a vehicle frame rail.

690 Dual Actuator

The 690 Dual Actuator is a mechanical device that links the hydraulics of the 690 System to the vehicle brake system. It does not interfere with normal service braking. 690 Dual Actuators are available in two different bore sizes and are capable of displacing 1.77-2.90 in³ (per side) of brake system fluid. Location: usually mounted on a vehicle frame rail.

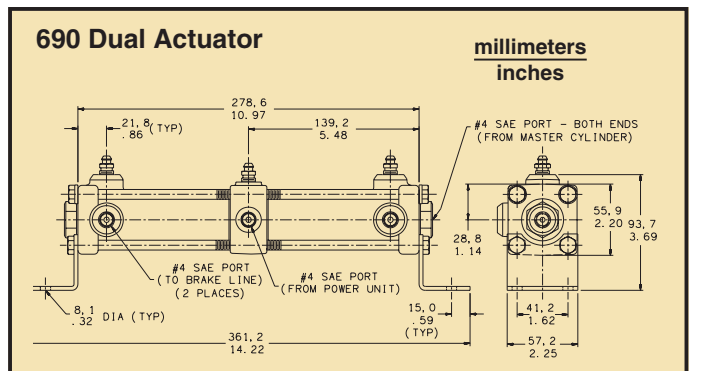
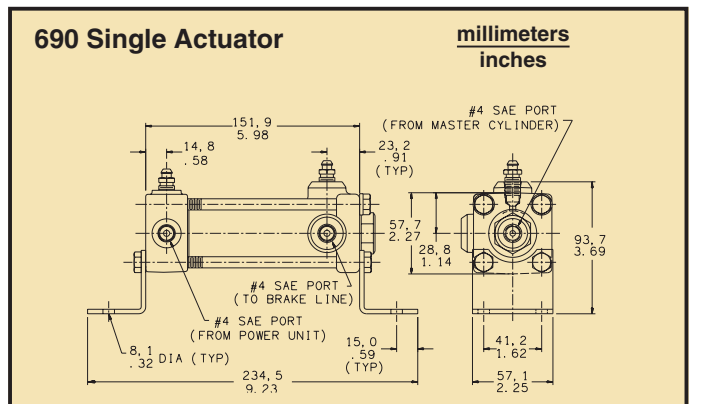
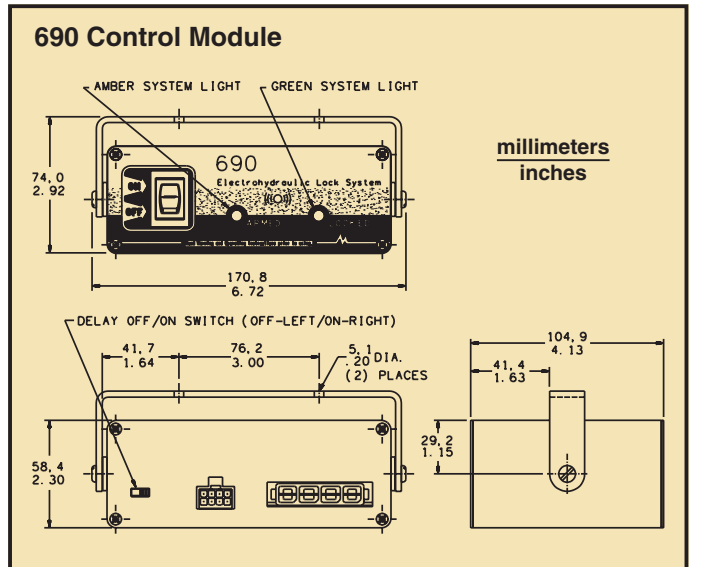
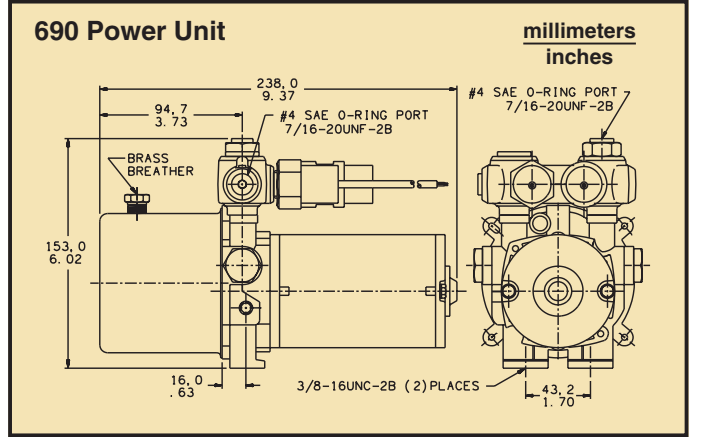
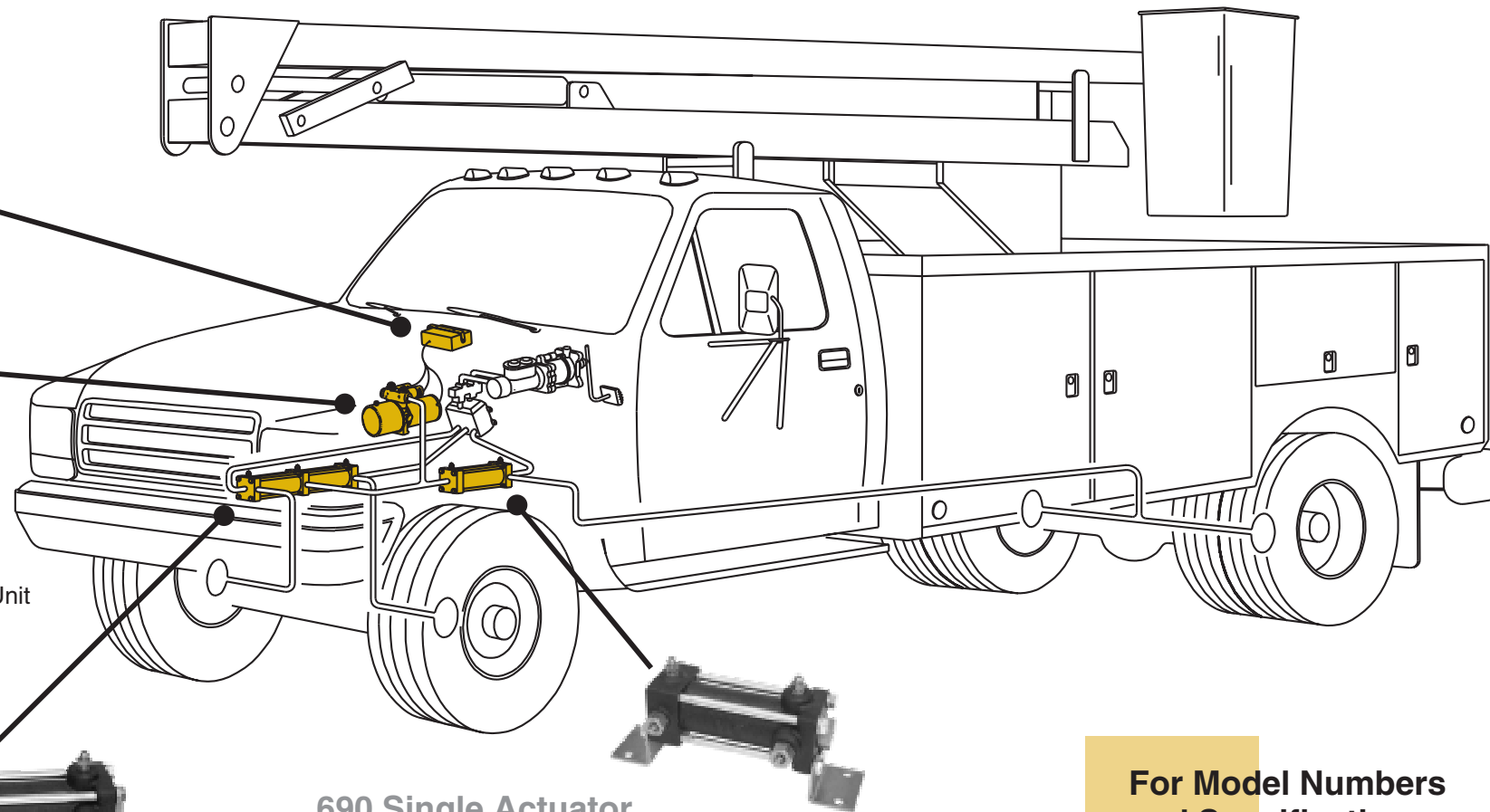
FEATURES

- Simple to operate; activates with a flip of a switch.
- Operates with ignition on or off.
- Automatically monitors and maintains system pressure within predetermined limits.
- Limits locked-up brake line pressure.
- Does not interfere with normal service braking.
- Available for single, dual, and anti-lock brake systems.
- Can be remotely controlled and/or interlocked with other 12 volt systems.

BENEFITS

- Provides added safety for operator, vehicle, and work area.
- Monitors various brake system components during lockup for operational integrity.
- Supplements existing parking brake for additional holding in heavy duty and high frequency usage situations.
- Holds vehicle while placing wheel chocks.
- Helps to provide safe, uninterrupted work time.

Typical 3-Channel ABS Installation



For Model Numbers and Specification information refer to the MICO Brake Lock Application Guide (80-950-152).