

These instructions are intended for the conversion of MICO Power Brake Valves currently installed on diesel engine underground mining vehicles to bring them into compliance with MSHA requirements.

# Pedal Actuated Modulating Valves

## Conversion Instructions



TABLE 1

Model Number	Conversion Kit	Converted to Model Number	Model Number	Conversion Kit	Converted to Model Number
06-466-202	06-400-239	06-466-258	06-466-218	06-400-240	06-466-258
06-466-206	06-400-239	06-466-260	06-466-240	06-400-240	06-466-260
06-466-208	06-400-239	06-466-262	** 06-466-404	06-400-240	06-466-262
06-466-210	06-400-240	06-466-264	* 06-464-210	06-400-241	None
06-466-216	06-400-240	06-466-266	* 06-464-218	06-400-241	None

\* No converted to model number. To be replaced with 466 series valve.

\*\* Piloted valve

### CONVERSION PROCEDURES

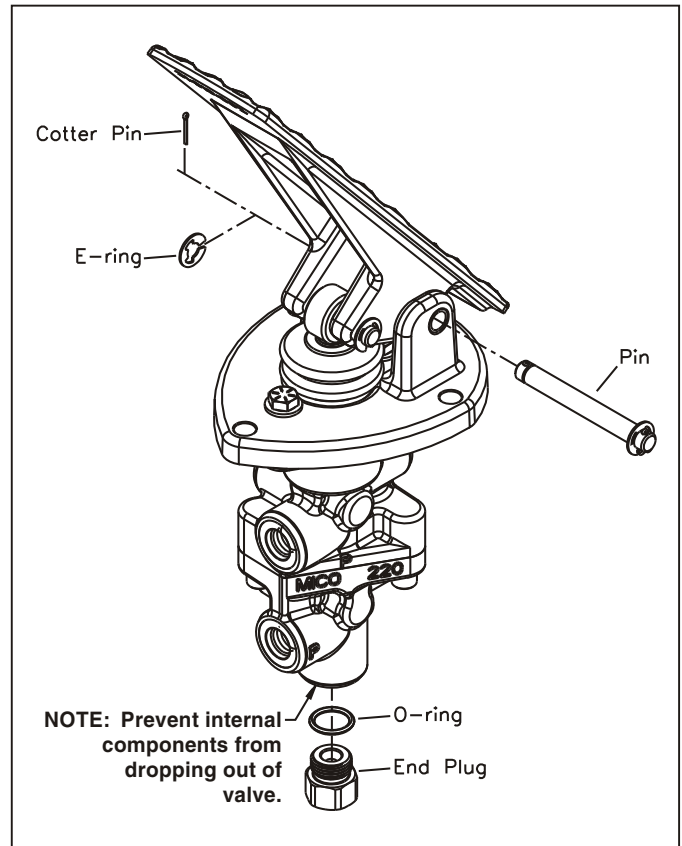
#### ⚠ CAUTION

To prevent contamination to the brake valve or hydraulic system, thoroughly clean brake valve and surrounding area of all dirt, grease, oil, etc. before servicing.

1. Carefully remove end plug from valve. Be extremely careful to prevent the internal components from dropping out of the valve.
2. Inspect the o-ring on the plug and replace with new o-ring from conversion kit if necessary. Lubricate new o-ring with clean system fluid before installing on end plug.
3. Clean the threads of end plug and threads in the housing with solvent and dry. Apply two drops of Loctite provided in conversion kit to threads of end plug. Install end plug in valve and torque 47.5-54.2 N·m (35-40 lb·ft).
4. Remove one old e-ring from the old pin in pedal and remove old pin from pedal assembly.
5. Install one new e-ring and one new cotter pin on one end of the new pin.
6. Install new pin in pedal assembly and install the remaining new e-ring and cotter pin.

#### IMPORTANT

The valve you have just serviced is now in compliance with MSHA 30 CFR 75.1909 (b) (6) and has taken on a new MICO model number, see TABLE 1. Future valve replacement on this vehicle will require the converted to model number.



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