

INSTALLATION

CAUTION

The use of a pressure reducing regulator to supply the minimum cylinder operating pressure (20-25 psig) to the actuator will maximize cylinder life and minimize air consumption.

To install an actuator kit, first remove any existing operating lever from the internal valve shaft.

WARNING

Release all downstream pressure before removing the two screws (#2) holding the cover plate to the internal valve body. Failure to follow these instructions or to properly install and maintain this equipment could result in an explosion and/or fire causing property damage and personal injury or death.

When installing the ME205R, remove any existing screws (#2) and the stop pin (#3) from the internal valve body (#4). Mount the actuator bracket (#1) as shown below. Ensure the actuator bracket (#1) mounting holes line up with the tapped holes in the internal valve body (#4). Install the screw (#2) supplied with the installation kit and the stop pin (#3) through the actuator bracket (#1) into the internal valve body (#4) as shown and tighten to 25-30 inch pound torque.

Locate internal valve shaft (#6) and loosen set screw (#5). Install actuator linkage pin (#7) small end first through internal valve shaft (#6) and linkage hole in the actuator rod (#8) as shown. Hold actuator linkage pin (#7) with large

end flush with the internal valve shaft (#6) and tighten set screw (#5). Ensure the set screw fully engages into the recess in the actuator linkage pin (#7) locking it in place. Confirm the actuator's linkage pin (#7) has about 1/8" movement before it begins to open the internal valve. Install three-way brass adapter (#10) into actuator inlet (#9). Install thermal safety plug (#11) into either open port on three-way brass adapter (#10). Connect the actuating pressure line tubing to the remaining port on three way brass adapter (#10). After installing the unit, operate the actuator with pressure to confirm it smoothly opens and closes the internal valve without sticking or jamming.

