



# *USER INSTRUCTIONS*

*Automax Valves  
Lockout Module*

*AUTO-19 01 – (01/14)*

*Installation  
Operation  
Maintenance*



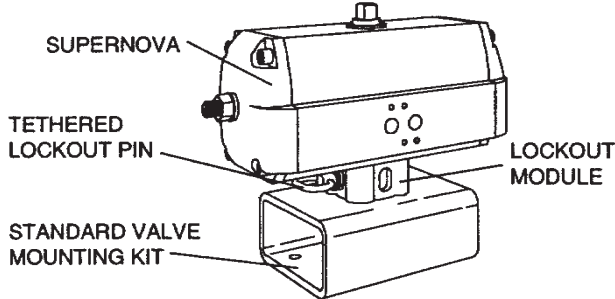
*IMAGE*

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## Installation Instructions

The Automax Lockout Modules allow simple mechanical lockout to new and existing Automax SuperNova valve/actuator assemblies. Three models of the Lockout Module mount directly to the SNA063 through the SNA200, as well as the N63 through the N250, and the A75 through the A250. The Lockout Module provides a compact mechanical lockout assembly which when properly implemented will satisfy OSHA Standard 1910.47, “The Control of Hazardous Energy.” The Lockout Module mounts directly between a standard valve mounting kit and a SuperNova actuator, requiring only a special coupler for the specific valve/actuator combination. This allows for easy field retrofit of a mechanical lockout device to existing valve/actuator assemblies.

*Note:* The Automax Lockout Module is not suitable for valves requiring a constant positive shut-off torque to ensure sealing.



### To install:

1. Note valve position, open or close. Move valve to desired lockout position. The actuator should be in a corresponding position.
2. Apply a thread-locker, Loctite 242 or equivalent to the mounting studs, and mount studs to actuator.
3. Mount standard valve mounting kit to valve.
4. Install Lockout coupler to valve stem, properly orienting coupler for desired actuator position.
5. Position Lockout Module as desired on top of mounting kit. Place actuator over Lockout Module, aligning coupler and actuator pinion.
6. Tightens nuts until snug. Stroke actuator several times to properly align coupler.
7. With actuator and valve in desired locked out position, loosen nuts and rotate Lockout Module about valve stem axis, until the hole in the Lockout coupler aligns with the slots in the Lockout Module housing.
8. Insert the Lockout pin through the Lockout coupler, to hold Lockout Module in position while tightening bolts. Tighten mounting nuts to actuator.

*Note:* When locking out a high-performance butterfly valve, or other valves with “quick opening” characteristics, bias the lockout module housing against the lockout pin. To lockout a HPBV in the closed position, rotate housing CW against pin to keep valve from opening CCW.

9. Remove Lockout pin from coupler and insert into storage brackets on the side of Lockout Module housing.

## Operation

The Lockout pin may be stored and locked in the storage brackets extruded into the Lockout housing.

To lock out a valve, position valve in desired setting. The hole in the Lockout coupler should align with the slots in the Lockout housing. Insert the Lockout pin through the hole in the Lockout coupler, and apply a lock to the end of the pin extending from the other side of the Lockout housing.

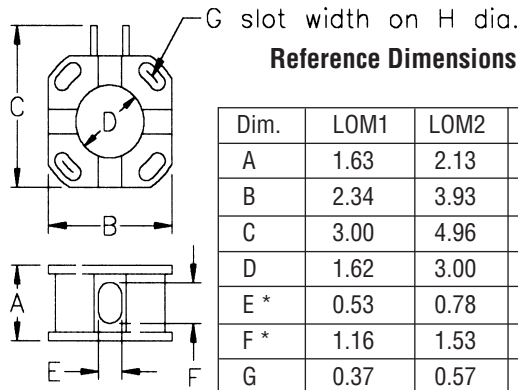
**WARNING:** Do not stick foreign objects, such as fingers, screwdrivers etc. into Lockout hole. Serious injury may result. Use only Lockout pin supplied with Lockout Module to lock out actuator.

### Maintenance Instructions

No periodic maintenance is necessary for the Lockout Module. All parts are designed for the full rated load of the largest Automax SuperNova Actuator capable of being mounted to a given Lockout Module. All materials of construction are corrosion resistant, including an aluminum hard anodized housing.

### Options

- Single position - lockout housing is supplied with only one set of operable lockout slots. Housing may be oriented to provide either lockout open or lockout close.
- Stainless steel hardware - studs, nuts and washers are stainless steel.



Reference Dimensions

| Dim. | LOM1 | LOM2 | LOM3 |
|------|------|------|------|
| A    | 1.63 | 2.13 | 2.75 |
| B    | 2.34 | 3.93 | 6.01 |
| C    | 3.00 | 4.96 | 7.31 |
| D    | 1.62 | 3.00 | 4.76 |
| E *  | 0.53 | 0.78 | 1.06 |
| F *  | 1.16 | 1.53 | 1.81 |
| G    | 0.37 | 0.57 | 0.71 |
| H    | 2.21 | 3.89 | 6.01 |

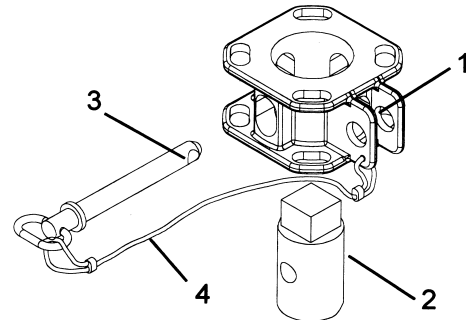
\* (4) places centered on housing

### How To Specify

The lockout device shall be an Automax Lockout Module, capable of being sandwich mounted between an actuator and a standard mounting kit. It shall be capable of adjustment in one position, and rated for the full load torque of the actuator specified. The housing shall be hard anodized aluminum, and the Lockout pin shall be zinc plated, hardened steel. The Lockout pin shall be tethered to the Lockout housing and capable of being safely secured on the unit, when not in use. All materials of construction shall be corrosion resistant.

### Bill of Materials

| Item | Description            | Material               | Qty |
|------|------------------------|------------------------|-----|
| 1    | Lockout Module housing | Al/hard anodized       | 1   |
| 2    | Lockout Coupler        | Steel/proxy powdercoat | 1   |
| 3    | Lockout Pin            | Steel/zinc plate       | 1   |
| 4    | Lockout Pin Cable      | Steel/nylon coat       | 1   |



### How To Order

| Lockout Module | Single/Dual Position                         | Size   | Options   |
|----------------|--|--|---|
| LOM            | Blank - Dual Position<br>S - Single Position | 1 - SNA063 SNA085 SNA100<br>A75 A100<br>2 - SNA115 SNA125 SNA150<br>A125 A150<br>3 - SNA175 SNA200 N250<br>A200 A250 | SH - Stainless Steel Hardware<br>G - Gray Epoxy |

Example: To order dual position Lockout Module for SNA115 with stainless hardware, order LOM2SH.

Note: When ordering Lockout mounting kits or Lockout couplers, specify actuator size and valve size.

Example: To retrofit existing SNA125 mounted to a 3" Durco plug valve, specify LOM2 with Lockout coupler for SNA125 to 3" Durco G411.



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FCD Auto-19 01 Printed in USA. 01/14

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