

## Travel Stops for No. 6 Damper Actuator

### Product Description



This kit contains the parts necessary to install forward travel stops in the No. 6 damper actuator (Model 3 only). These stops reduce the damper shaft travel from 4 inches (100% of travel) down to 2-29/32 inches (70% of travel) or any point in between.

Each kit contains two stop rods, four hex nuts and four lock washers.

### Product Number

333-197

### Warning/Caution Notations

<b>WARNING</b>		Personal injury/loss of life may occur if a procedure is not performed as specified.
<b>CAUTION</b>		Equipment damage, or loss of data may occur if the user does not follow procedure as specified.

### Required Tools

- 9/16-inch open end wrench
- Adjustable wrench
- Screwdriver

### Expected Installation Time

16 minutes

### Prerequisites



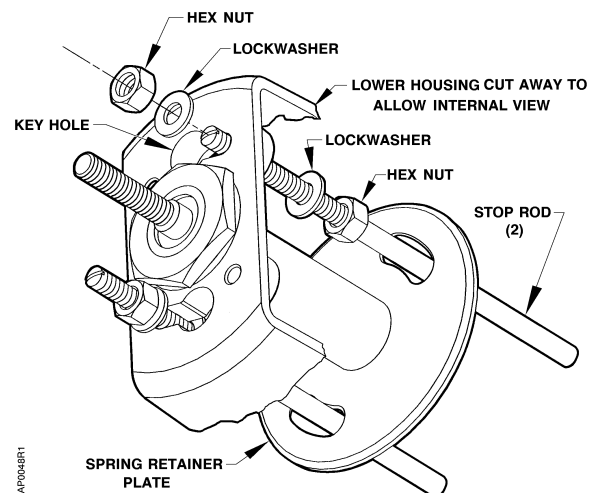
**CAUTION:**

Always disconnect the air line to the actuator before beginning the installation.

### Installation

1. Thread one hex nut onto each stop rod to the end of the threads.
2. Slide a lock washer over each stop rod onto the assembled nut.
3. Insert the stop rods through the key hole slots in the lower housing of the actuator.

**NOTE:** It may be necessary to line up the holes of the spring retainer plate with the key hole in the actuator housing. Using a screwdriver to move the spring retainer plate into position.



**Figure 1. Installing the Travel Stops.**

4. Place the remaining lock washers and nuts over the stop rods. Finger tighten against the lower housing.
5. Using a screwdriver inserted in the end of the stop rods, adjust the length of the stop rods.



**CAUTION:**

The rods must be installed parallel to each other and adjusted to the same length.

6. Apply air pressure to the actuator, and observe the damper for desired travel.
7. Repeat Steps 5 and 6 if necessary.
8. Tighten all hex nuts with a wrench so that the rods will not slip in the key hole slots.

The installation is now complete.

## Reference

Technical Instructions 155-029P25 (AP 331-3)  
*Powers™ Controls No. 6 Pneumatic Damper Actuator*

Information in this publication is based on current specifications. The company reserves the right to make changes in specifications and models as design improvements are introduced. Product or company names mentioned herein may be the trademarks of their respective owners. © 2009 Siemens Industry, Inc.