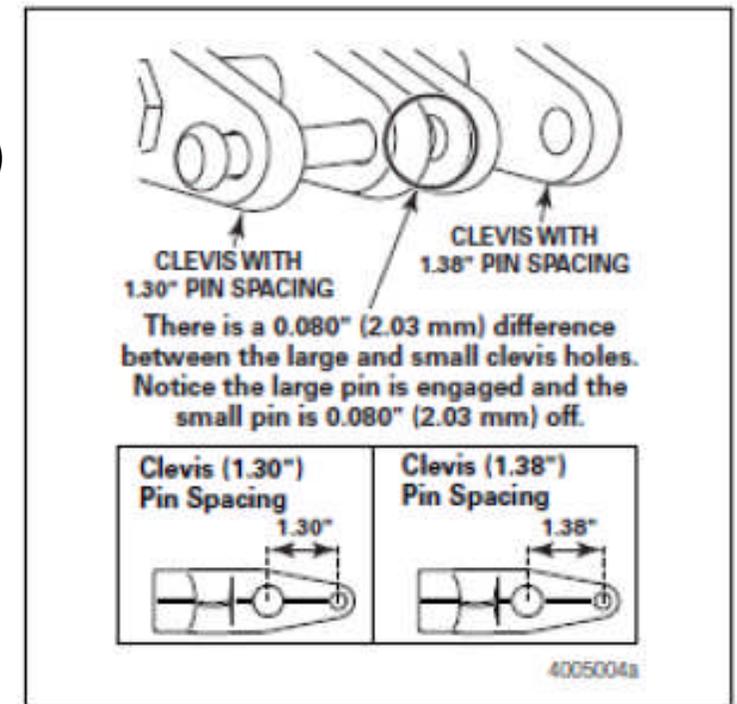


Régleur de jeu Méritor
avec chambre à air standard et
course allongé (Long Stroke)

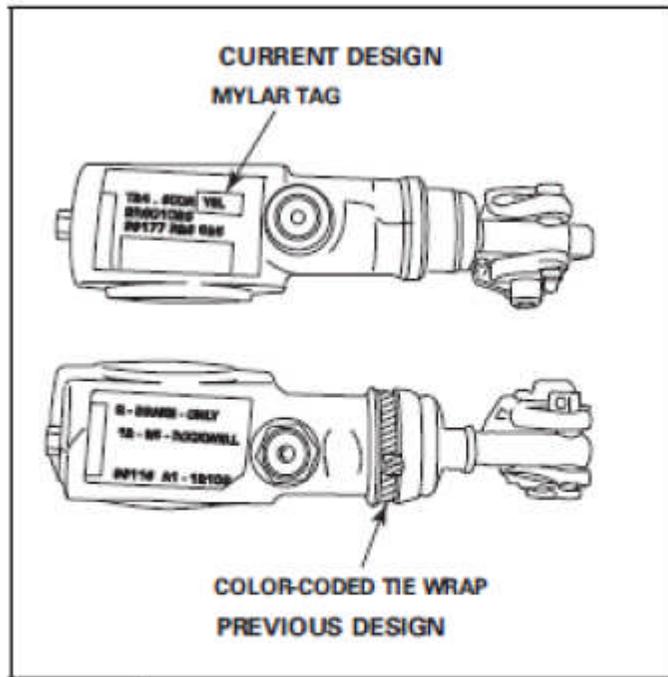
utiliser clevis 1.30 pour chambre à air course allongé (R810021 filet 5/8)

utiliser clevis 1.38 pour chambre à air régulier (R810019 filet 5/8)

pour un bon fonctionnement du système de régleur automatique
et usure maximum des freins



Comment identifier le bon réglage de jeu



Current Design



24 = Chamber Size

30 = Chamber Size

A28 1152S = Assembly Number

DR = Drum

03212 = Julian Date (212th day of 2003)

YEL = Piston Color (Yellow)

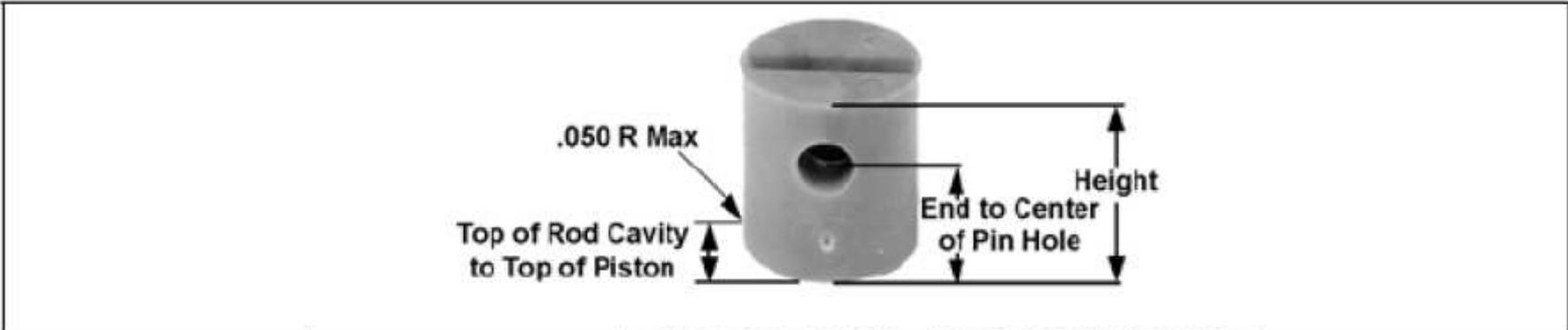
2R801073 = Aftermarket Part Number

 **IDEAS DRIVING RESULTS**

Piston height determines adjustment



PISTON ACTUATORS



| PART NUMBER | HEIGHT | END TO CENTER OF PIN HOLE | TOP OF ROD CAVITY TO TOP OF PISTON | COLOR |
|-------------|--------|---------------------------|------------------------------------|--------|
| 2230-C-159 | 41/64" | 7/16" | 7/32" | Blue |
| 2297-H-2842 | 43/64" | 15/32" | 1/4" | Green |
| 2230-N-1054 | 11/16" | 15/32" | 1/4" | Yellow |
| 2297-W-3637 | 45/64" | 15/32" | 1/4" | Red |
| 2297-B-4188 | 47/64" | 15/32" | 1/4" | Black |

Pour identifier les bons réglageur de jeux automatiques

Chambre à air type 30 régulier

Piston jaune pour réglageur 6 pouce centre du cam et centre clevis

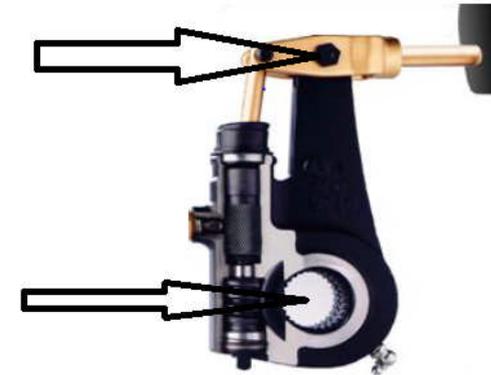


piston



Chambre à air type 36 régulier

Piston vert pour réglageur 5 et 6 ½ pouce, centre du cam et centre clevis



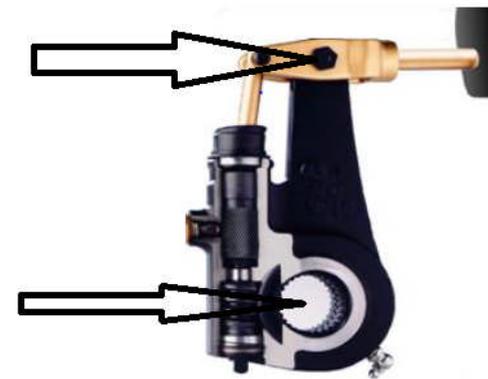
Chambre à air type 12.9 régulier

Piston noir pour réglageur 5 et 6 ½ pouce, centre du cam et centre clevis



Chambre à air type 16 et 20 régulier

Piston noir pour réglageur 5½ pouce, centre du cam et centre clevis





| Part Number | Fits Clevis Thread | O.D. |
|-------------|--------------------|------|
| M820625 | 5/8" - 18 | 1.75 |
| M820750 | 3/4" - 16 | 1.75 |
| M810500 | 1/2" - 20 | 1.38 |
| M810625 | 5/8" - 18 | 1.38 |



ASA-5 Bendix

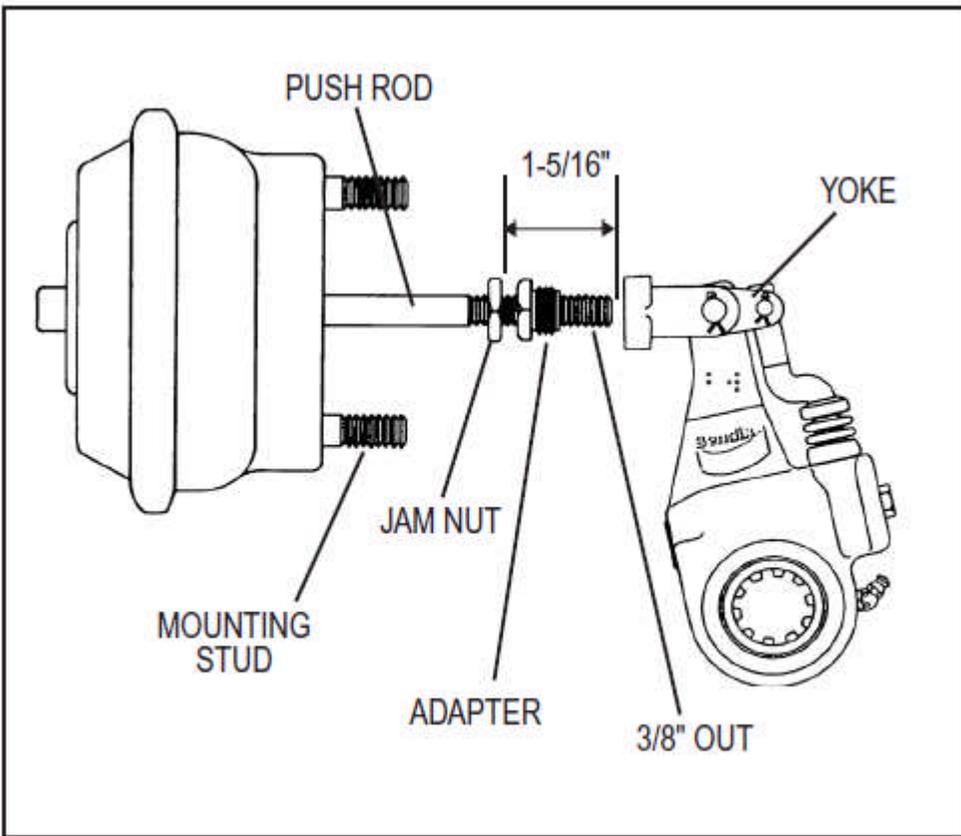
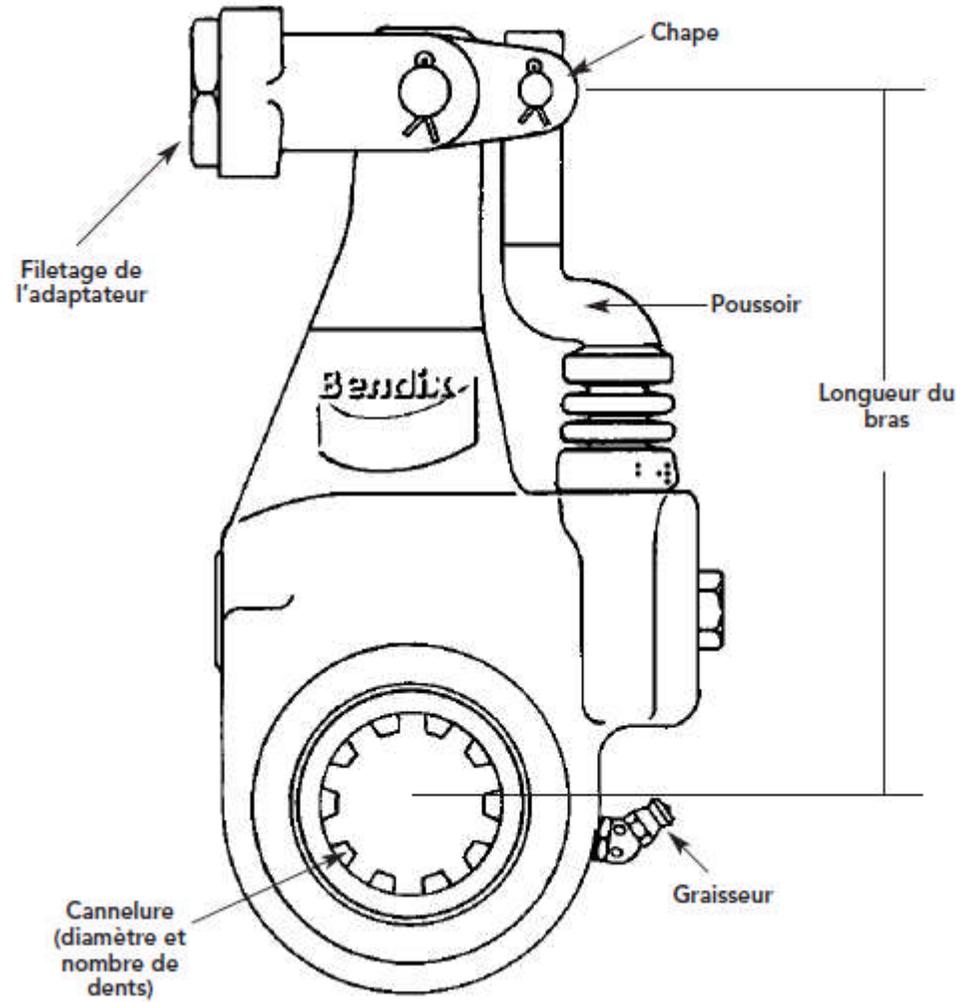
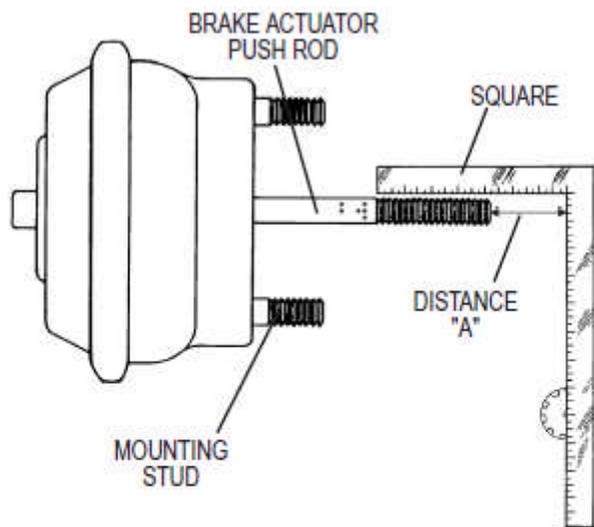


FIGURE 3 - EASY-ON YOKE ASSEMBLY





| SLACK ADJUSTER ARM LENGTH | "A" STD. QUICK CONNECT OR EASY-ON ADAPTER | "A" EXTENDED EASY-ON ADAPTER |
|---------------------------|---|------------------------------|
| 5" | 1-15/16" - 3-1/32" | 2-7/16" - 3-17/32" |
| 5-1/2" | 1-15/16" - 3-3/16" | 2-7/16" - 3 11/16" |
| 6" | 1-3/16" - 3-3/16" | 1-11/16" - 3-11/16" |

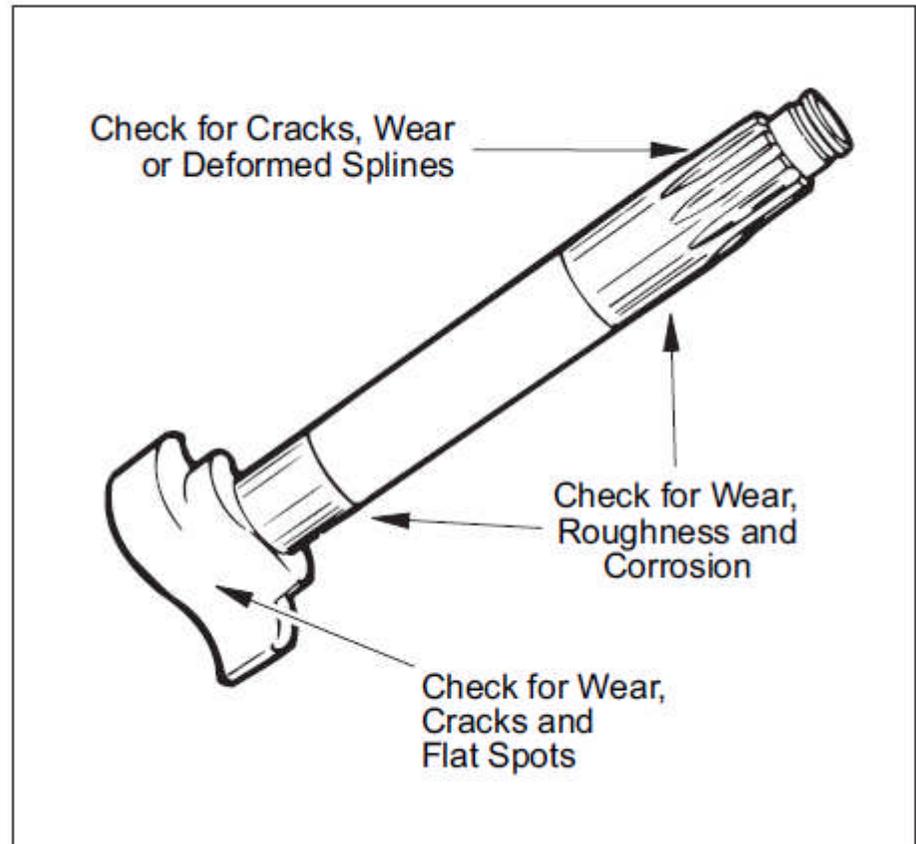
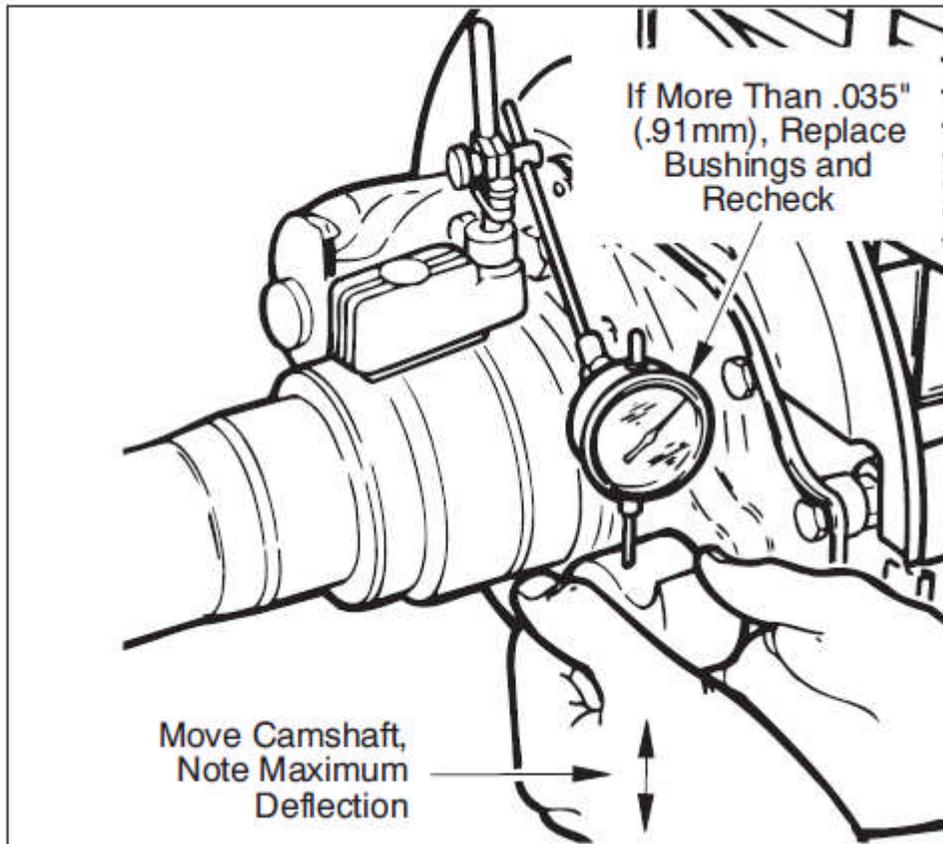
ACTUATOR STROKE TABLE

STANDARD STROKE

| Brake Actuator Size | Recommended Maximum Operating Stroke |
|---------------------|--------------------------------------|
| 30 | 2" |
| 24 | 1-3/4" |
| 20 | 1-3/4" |
| 16 | 1-3/4" |
| 12 | 1-3/8" |

LONG STROKE

| Brake Actuator Size | Recommended Maximum Operating Stroke |
|---------------------|--------------------------------------|
| 30LS | 2-1/2" |
| 24L | 2" |
| 24LS | 2-1/2" |
| 20L | 2" |
| 16L | 2" |



Tel que vu précédemment, pour garantir la sécurité d'opération des véhicules commerciaux sur la route, des précautions spécifiques doivent être prises lors de l'entretien des régleurs automatiques de frein. Pour répondre à ces exigences et éviter des erreurs coûteuses, la mise à jour des connaissances des mécaniciens.

Procédure simple en 3 étapes seulement pour ajustement symétrie des régleurs automatiques.

Les freins et tambours doivent être froids

- 1- Garder toujours la pression d'air en haut de 100 psi.
- 2- Enlever les freins de stationnement
- 3- Appuyer à fond sur la pédale de freins pendant 3 secondes et relâcher complètement pendant 6 secondes

Exécuter plusieurs fois ,pour permettre le rattrapage

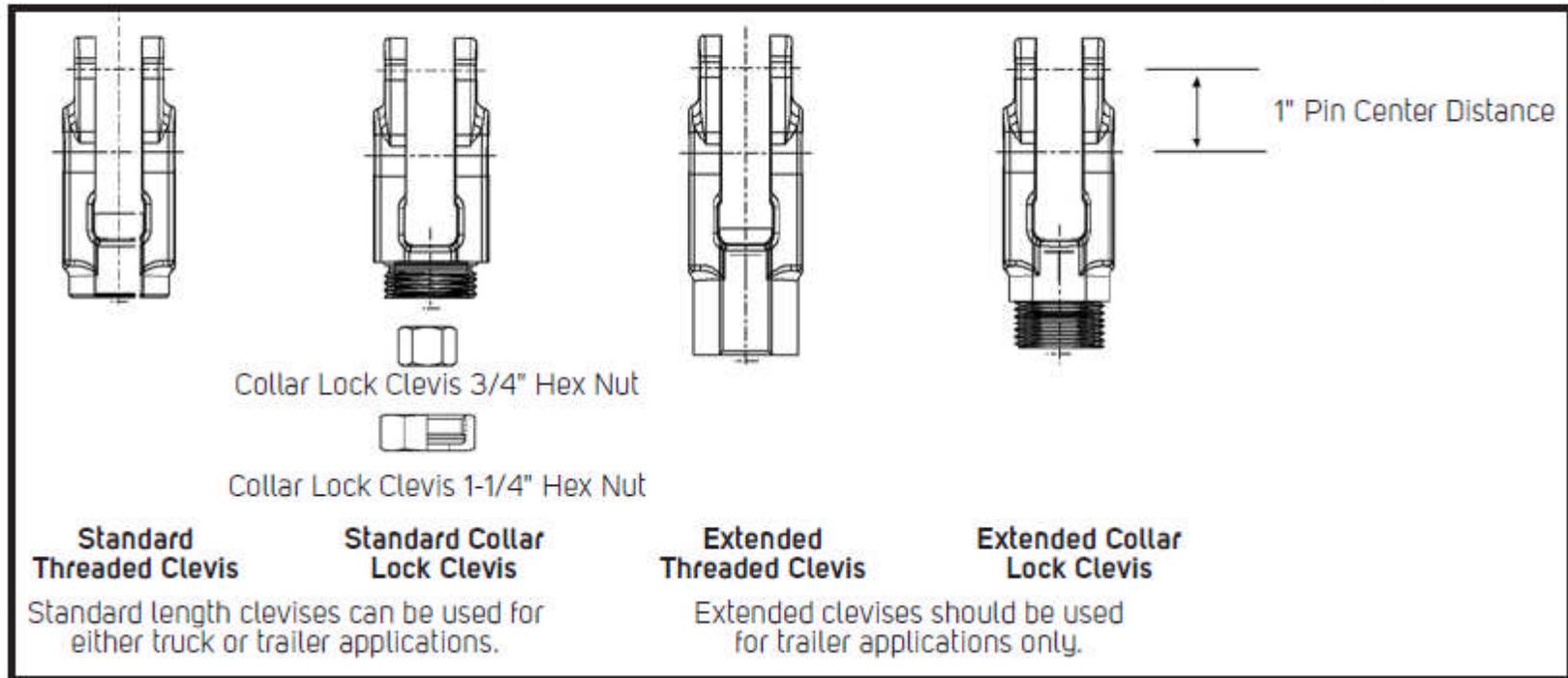
https://m.youtube.com/watch?list=PLKdGMpxnIG-QYTGs5FD_m9DxQlck1Sj6n&v=h7y2rHrQPKA

Gunite Automatic Slack Adjuster

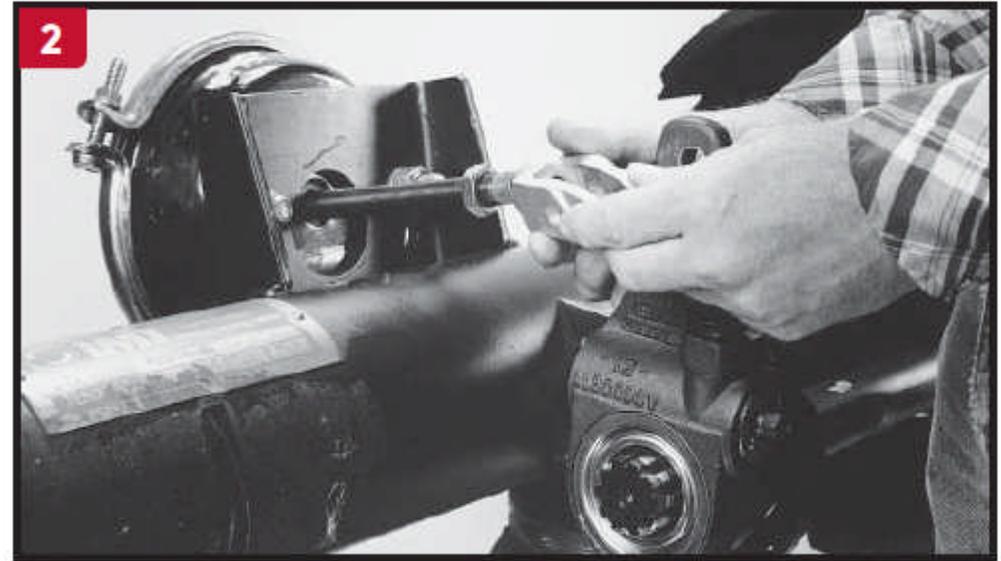
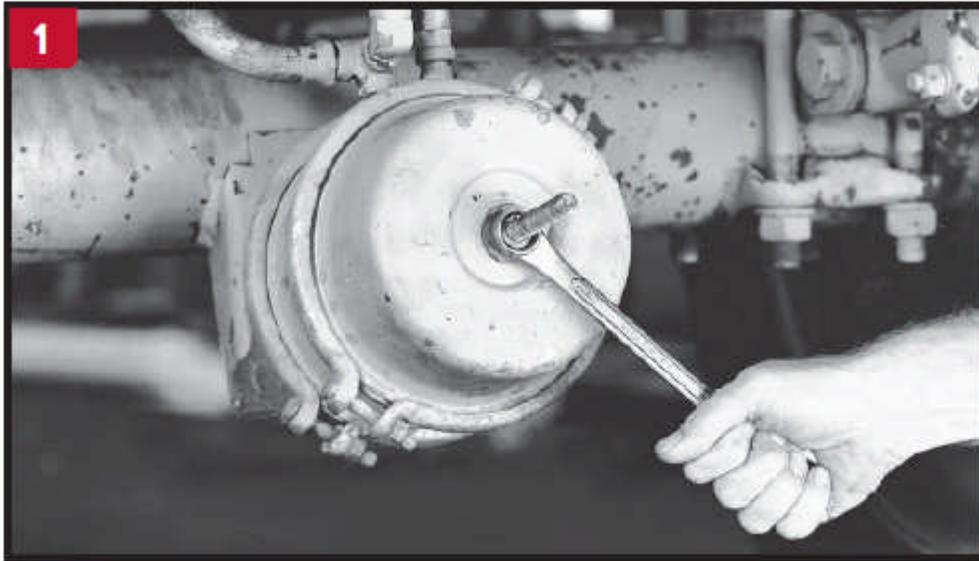


Clevis Descriptions

1" Pin Center Distance Clevises (Use with Traditional 1" Pin Distance ASA, Installation Gauge SD04603)



ASA Installation Preparation





"STANDARD" CLAMP TYPE BRAKE CHAMBER DATA

| Type | Outside Diameter | Rated Stroke | Maximum Legal Stroke Limit |
|------|------------------|--------------|----------------------------|
| 9 | 5-1/4 | 1.75 | 1-3/8 |
| 12 | 5-11/16 | 1.75 | 1-3/8 |
| 16 | 6-3/8 | 2.25 | 1-3/4 |
| 20 | 6-25/32 | 2.25 | 1-3/4 |
| 24 | 7-7/32 | 2.25 | 1-3/4 |
| 30 | 8-3/32 | 2.50 | 2 |
| 36* | 9 | 3.00 | 2-1/4 |

* Note: If type 36 chamber is used, slack length should be less than 6".

"LONG-STROKE" CLAMP TYPE BRAKE CHAMBER DATA

| Type | Outside Diameter | Rated Stroke | Maximum Legal Stroke Limit |
|------|------------------|--------------|----------------------------|
| 16 | 6-3/8 | 2.50 | 2 |
| 20 | 6-25/32 | 2.50 | 2 |
| 24 | 7-7/32 | 2.50 | 2 |
| 24* | 7-7/32 | 3.00 | 2-1/2 |
| 30* | 8-3/32 | 3.00 | 2-1/2 |

* Note: Identified by square air port bosses.

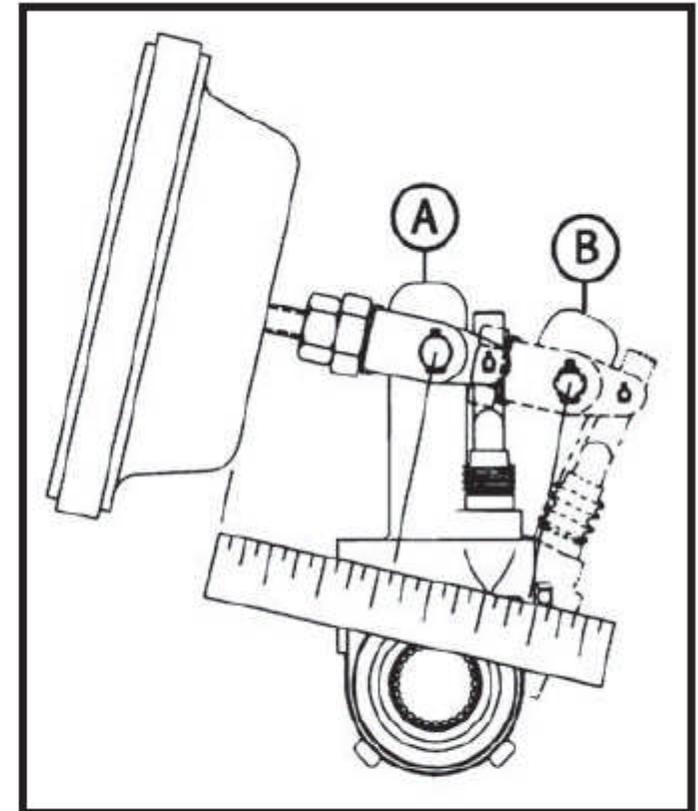


Figure 3 – Measuring Maximum Stroke

If the free stroke is greater than the recommended distance (3/8" - 5/8"), a function test of the automatic slack adjuster should be performed (See function test on page 3).

If the free stroke is less than 3/8", a dragging brake can occur. Check to see that the manual adjustment procedure was followed correctly. Manually readjust the brake following the "Brake Adjustment After Installation" procedure in this pocket guide.

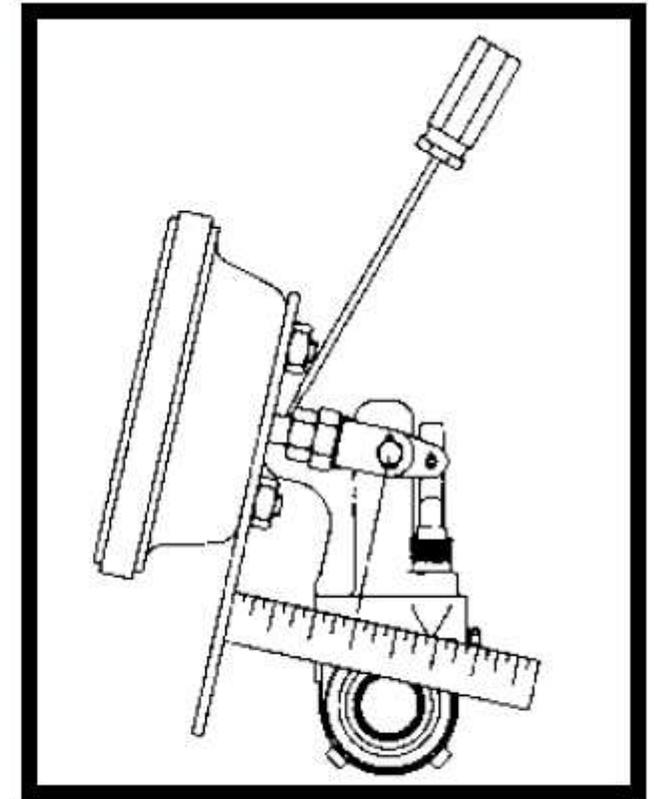


Figure 2 – Free Stroke

Every Six Months or 50,000 Miles

Gunite automatic slack adjusters are factory lubricated and extensively sealed to protect against dirt, water, salt, and other corrosive elements. Nevertheless, periodic lubrication is recommended.

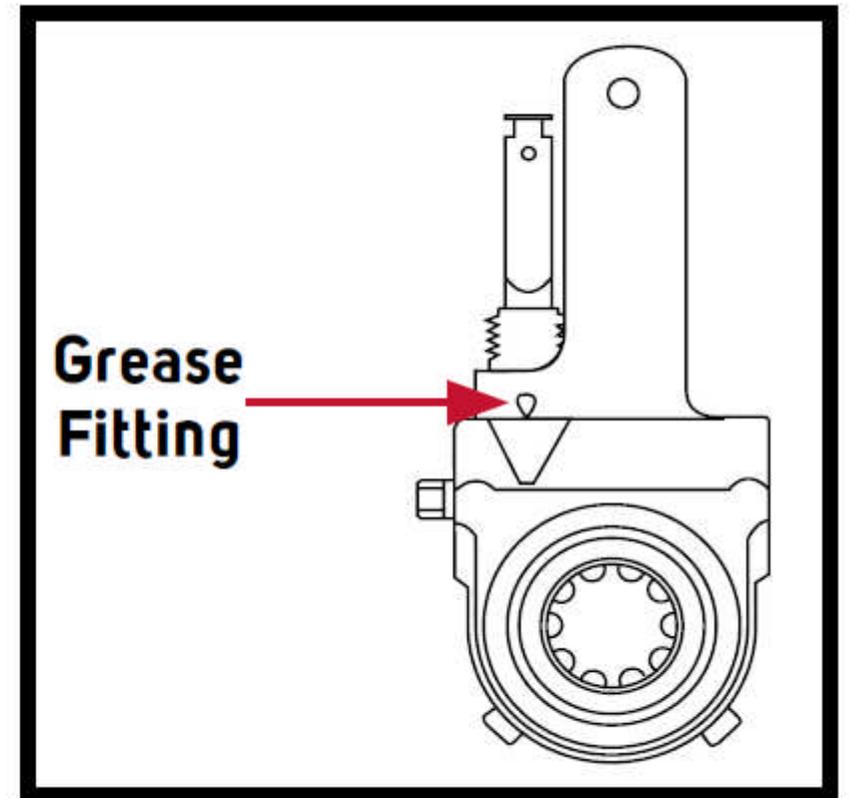


Figure 3 – Lubrication Point