

## Bolt On - Air Brake Adjustment Gauge

### STEER AXLE

- 1) Gauges are marked "STEER" for steering axle.
- 2) Gauges are marked "R.H." or "L.H."
- 3) Gauge plate is set for chambers types 16 - 20 - 24.  
Readjustment limit = 1 3/4"
- 4) For chamber types 9 and 12 remove outer gauge pin and place in inside hole.  
Readjustment limit = 1 3/8"
- 5) For any other size chamber please specify when ordering gauges.

CHAMBER TYPE	MAXIMUM ALLOWED STROKE
6	1 1/4"
9	1 3/8"
12	1 3/8"
16	1 3/4"
20	1 3/4"
24	1 3/4"
30	2"

### STEERING CHAMBER INSTALLATION INSTRUCTIONS:

- 1) Before you begin the installation, chock the tires to ensure the truck or trailer doesn't move.
- 2) Set the air pressure to 100 psi. minimum.
- 3) Release the parking brakes.
- 4) The clevis pin connecting the pushrod clevis to the slack adjuster is used to hold the gauge indicator (check if clevis pin is 1/2" or 5/8" diameter).
- 5) Remove the existing clevis pin and replace with new supplied clevis pin, indicator end towards the gauge.  
Install new cotter pin to secure clevis pin.

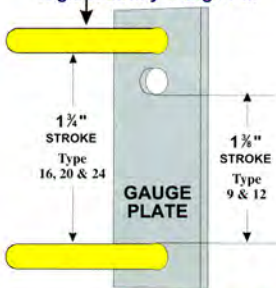
**NOTE** - New clevis pin is longer and is fitted with a yellow indicator.

The indicator end of the pin must be installed facing towards the gauge.

A dab of silicone adhesive on the inside of the yellow clevis pin indicator is recommended.

- 6) Remove lower nut and lock washer from brake chamber.
- 7) Locate gauge on stud. Gauge pins must be vertical, pointing up towards the clevis pin.
- 8) Replace lock washer and lower nut on brake chamber holding gauge in position.  
Retorque lower nut to manufacturers specification.
- 9) With air brakes released (ready to roll position) set sliding gauge plate pins so the inside of the rear pin is touching the clevis pin indicator with a slight bend. Tighten gauge plate nuts to 10 ft./lb.
- 10) Apply service brake (with air pressure set at 90-100 psi) - clevis pin indicator must be within the gauge pins if brakes are adjusted properly.

#### High Visibility Gauge Pin



**TRACTOR - STEERING AXLE - BRAKE RELEASED POSITION**