

Bolt On - Air Brake Adjustment Gauge

DRIVE AXLE

- 1) Gauges are marked "DRIVE" for drive axles.
- 2) Gauges are marked "L.H." or "R.H."
- 3) Gauge plate is set for chamber type 30 & 24 long stroke.
Readjustment limit = 2"
- 4) For long stroke (square port) type 30 chamber - Remove inner gauge pin and place in outer hole -- Readjustment limit = 2 1/2"
- 5) For other size chambers please specify when ordering gauges.

CHAMBER TYPE	MAXIMUM ALLOWED STROKE
30	2"
Long Stroke (Square Port)	
24	2"
30	2 1/2"

DRIVE AXLE 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 upwards.
- 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 front pin is touching the clevis pin indicator with 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

