

MR. *Safety-Check*<sup>®</sup> SYSTEMS INC.  
Bolt On – Air Brake Adjustment Gauge

# SYSTEM II

## TRAILER AXLE INTRAAX/VANTRAAX

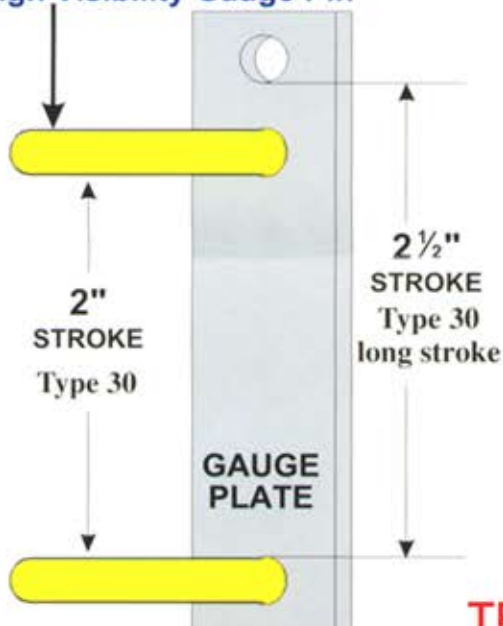
CHAMBER TYPE	MAXIMUM ALLOWED STROKE
30	2"
Long Stroke (Square Port)	2 1/2"

1. Gauges are marked "TRAILER" and are interchangeable. L.H. and R.H. are the same.
2. Gauge plate is set for chamber type 30.  
Readjustment limit = 2"
3. For long stroke (square port) type 30 chamber – Remove inner gauge pin and place in outer hole – Readjustment limit = 2 1/2"
4. For other size chambers please specify when ordering gauges.

### TRAILER AXLE INSTALLATION INSTRUCTIONS for INTRAAX/VANTRAAX:

1. Before you begin the installation, chock the tires to ensure the truck or trailer system doesn't move.
2. Set the air pressure to 100 psi minimum.
3. Release the parking brakes.
4. Remove inboard nut and lock washer from brake chamber.
5. Locate gauge on stud. Gauge pins must be vertical, pointing downwards.
6. Replace lock washer and inboard nut on brake chamber holding gauge in position. Retorque inboard nut to manufacturers specification.
7. Set sliding gauge plate pins to the end of the bracket and tighten two nuts.
8. Install yellow indicator onto head of socket head bolt and install the clamp onto the pushrod, finger tight.
9. Position the clamp indicator on the pushrod so the yellow indicator is touching the inside of the rear gauge pin with a slight bend.
10. Remove the yellow indicator and tighten the socket head bolt onto the pushrod and then replace the indicator onto the bolt head.
11. 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



TRAILER AXLE - BRAKE RELEASED POSITION