

Gunite Automatic Slack Adjusters

Have you adjusted the Automatic Slack Adjusters (ASAs) on your truck or trailer recently? No? Good! Then you're doing it right. A properly functioning ASA will adjust your foundation brakes as needed to ensure you can reliably stop, whether methodically slowing for a traffic light or a full-on emergency stop to avoid a sudden obstacle. In fact, other than applying occasional lubrication, an ASA requires very little maintenance to properly function after it is correctly installed.



Safety First

Initially mandated in 1994 to replace manual slack adjusters, ASAs are a safety component that keep your brakes functioning properly. But remember, they are "automatic"! Despite being standard in the industry for almost two decades, there are still veteran technicians who will regularly put a wrench on an ASA to manually adjust it. Overriding the automatic adjustment method can cause premature wear on the internal components and eventually result in an early end-of-life condition. Accident investigations by the NTSB have shown worn and improperly adjusted ASA's to be a contributing causal factor in some accidents.

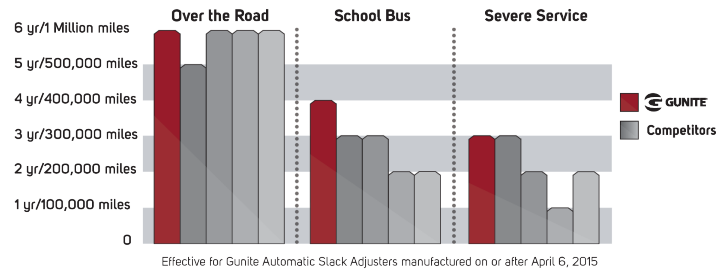
Brake adjustment is one of the most common Out-of-Service (OOS) conditions identified in DOT roadside inspections. While this condition can be caused by a variety of reasons, an improperly installed or maintained, or worn-out ASA is not an uncommon culprit. Whether caused by the ASA or another component, these violations can lead to costly fines or freight delays, neither of which fleets can afford in the age of competitive rates and high customer expectations.

The main functions of the ASA are basic: to transmit brake force and to control the gap between the brake drum and shoe; yet ASAs remain the most misunderstood brake component in a drum brake system. Gunite is here to help ensure your fleet keeps

safely and reliably rolling down the highway. Our field-proven ASA is assembled right here in the USA in Rockford, IL by an experienced team overseeing our state of the art \$3M automated assembly cell that guarantees consistency of componentry and repeatable performance. All ASAs are 100% functional tested and serialized for traceability before leaving our factory. We stand behind our product with industry leading warranties of 6 years/1,000,000 miles for over-the-road/line haulers and 3 years/300,000 for severe service applications.



Extended Warranty for Gunite ASA's



Long life and high performance of your ASAs come down to 3 important factors – proper installation, preventative maintenance, and routine inspection. To make life easier on your technicians during installation, our unhandled design has the smallest footprint of any ASA on the market meaning a Gunite ASA can be used on either side of a truck or trailer. This also ensures there is less of a chance for interference with surrounding components. Add in compatibility with both long and standard stroke brake chambers and most applications are serviced with only four part numbers – reducing the amount of inventory and part numbers to stock.

Gunite ASA Top Ten Part Numbers

Gunite P/N	Packaged Weight (lbs.)	Arm Length	Number of Splines	Spline Diameter	Clevis Included	Application
AS1140	8.0	5.5"	28	1.50"	AS3019	All Positions
AS1141	8.0	6.0"	28	1.50"	AS3016	Drive
AS1132	8.0	5.5"	10	1.50"	AS3019	All Positions
AS1133	8.0	6.0"	10	1.50"	AS3016	Drive
AS1136	8.0	5.5"	10	1.25"	AS3019	Front, Dolly
AS1149	8.0	5.5"	28	1.50"	AS3018	Trailer
AS1150	8.0	6.0"	28	1.50"	AS3018	Trailer
AS1138	8.0	5.5"	24	1.25"	AS3019	Front, Dolly
AS1172 ⁽¹⁾	8.0	5.5"	28	1.50"	None	Trailer
AS1173 ⁽¹⁾	8.0	6.0"	28	1.50"	None	Trailer

Ensuring Performance

Since its introduction into the market, the Gunite ASAs have featured a clearance sensing style that adjusts on the brake application stroke. It just makes sense to have an adjustment occur when brake components are at their coolest before stopping. Adjustment that occurs on the return stroke can adjust when a brake drum has expanded due to heat, potentially resulting in a dragging brake when the drum cools down. While we're confident a Gunite ASA will provide you with years of reliable service, it's still a wear component.

Maintenance is simplified when it comes time to remove the unit because our drilled worm gear prevents seizing of the spline interface, allowing for easy removal from the S-cam.

Proper brake function at each wheel is critical to the safety of a truck and trailer driving down the road, but brake balance within the system is often overlooked. A new ASA will perform more consistently than a worn unit and ASAs with different adjustment methods may not adjust at the same rate as brake shoes wear. To ensure proper balance within the brake system, we recommend replacing both ASAs on an axle at the same time with genuine Gunite clearance sensing units.

Continuous Improvement

Despite its proven track record, our engineering team remains focused on product improvement and increasing customer return on investment. In 2019, Gunite released a patented upgrade – the Self-Locking Implanted Cotter or “SLIC” pin. The major truck and trailer fleets that spec the Gunite ASA as standard position requested a way to simplify push rod installation to the slack.

The SLIC pin delivered by using a spring-loaded clip as opposed to cotter pins that previously held the pins in place. The new pins snap in easily and are removed by pushing in the spring-loaded clip and removing the pin. No cotter pins to lose, replace, or poke your finger with!



Helpful Resources

To ensure ultimate brake performance and longevity, make sure to specify genuine Gunite ASAs on your fleet. The Accuride Corporation YouTube channel (www.youtube.com/user/accuridecorp) and website (www.accuridecorp.com/resources) are great resources that feature videos and manuals to assist in installation and best maintenance practices. Or reach out to any of our District Sales Representatives or Field Service Engineers throughout North America for more information or assistance. To ensure the best for your fleet, make sure your ASAs say “GUNITE” right on the housing.

