

AST Suspension - USA Announces Updates to the 4000 Series Damper

October 1, 2009 - AST Suspension - USA is proud to announce new updates to the 4000 Series line of dampers. These updates were developed directly from customer and dealer feedback on the product and enhance the performance of the 4000 Series damper on the track and street. Some updates only relate to the 4000 Series struts while other improvements will be added to struts and shocks.

Improvements to 4000 Series Struts

Several updates have been made to the 4000 Series dampers that strengthen the strut assembly. All struts will now come with a "dual piston" design. The traditional piston/shim stack remains intact while a new load bearing piston (LBP) is added. The new LBP design does not add stack-up to the piston and does not affect fluid flow. The LBP doubles the load bearing surface area of the piston assembly strengthening the strut. This creates less deflection in high lateral acceleration environments usually found on vehicles that spend a significant amount of time at the track.

While this design has been used on high end dampers, it has never been offered on coilover kits at this price. AST Suspension adds this feature **at no additional cost**. On some models where very high side loads are found (I.E. Subaru rear struts), a new top guide assembly has been added doubling not only the load bearing piston surface, but the cylinder's load bearing surface as well.

Improvements to 4000 Series Struts and Shocks

In addition to strengthening the struts, AST Suspension has added an improved rebound adjuster mechanism that provides consistent and audible clicks with each turn of the knob. Owners will feel the clicks every time regardless of conditions. The new mechanism removes the shaft o-ring that occasionally rattled on some models.

These updates are effective immediately and will be included in all 4000 Series dampers

produced. Customers with older 4000 Series dampers are welcome to contact an AST dealer for a quote on upgrading any current generation

Figure A: Piston Assembly with new Load Bearing Piston

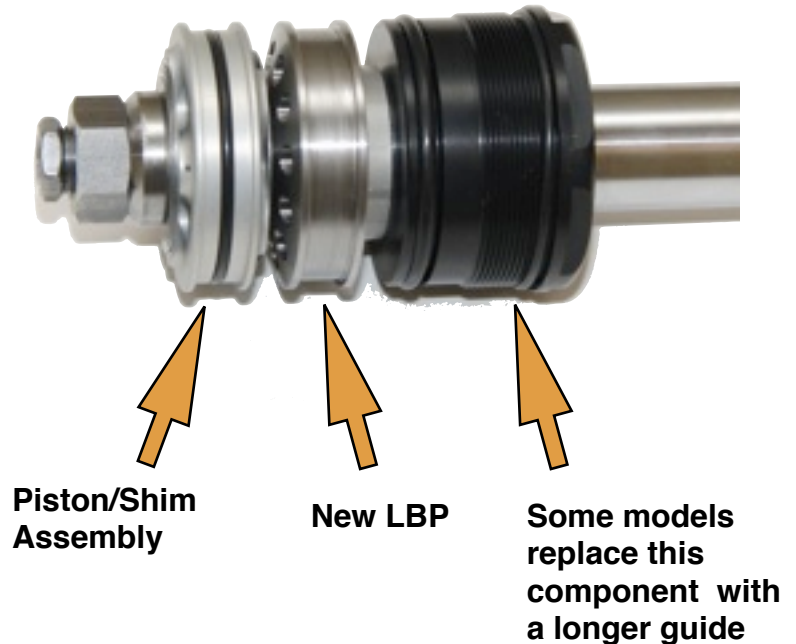
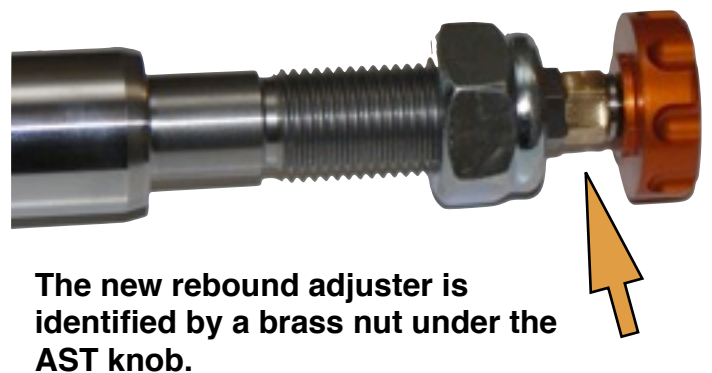


Figure B: New Rebound Adjuster Mechanism



AST Suspension - USA is the exclusive North American importer for AST Suspension B.V. in The Netherlands. Visit us at ast-usa.com or ast-suspension.com.