

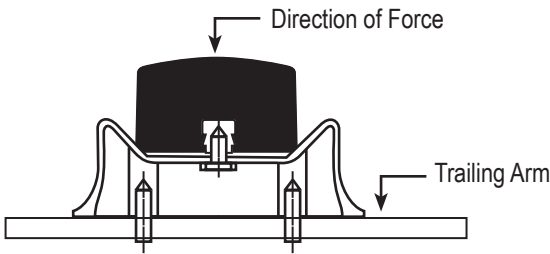
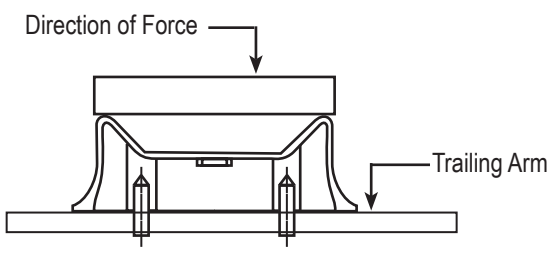
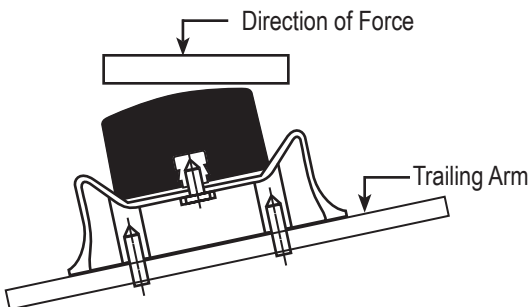
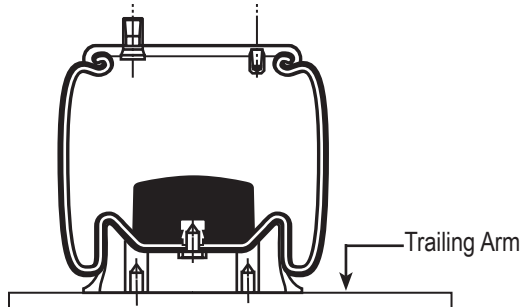


# Technical Bulletin

TASTB Number 3

## Composite Piston Technical Information

You may have noticed in the industry the conversion from metal air spring pistons to composite pistons. Any change inevitably causes uncertainty and questions. Will this new design meet the requirements for my vehicle? What are the benefits of a composite piston over a metal one? Below is the strict requirements for a composite piston that every Triangle Air Spring must meet. As you can see from the illustrations the composite piston is more than sufficient to meet your requirements. The additional benefits of a composite piston are lighter weight and corrosion resistance.

<p style="text-align: center;"><b>Center Crush Test</b></p>  <p style="text-align: center;">Minimum acceptable performance without damage 44,000 lbs.</p>	<p style="text-align: center;"><b>Top Crush Test</b></p>  <p style="text-align: center;">Minimum acceptable performance without damage 22,000 lbs.</p>
<p style="text-align: center;"><b>Impact Test</b></p>  <p style="text-align: center;">Minimum acceptable performance without damage 800 ft lbs.</p>	<p style="text-align: center;"><b>Burst Test</b></p>  <p style="text-align: center;">Minimum acceptable performance without damage 300.psi</p>