TRITON SUSPENSION
105K TRI-DRIVE AIR SUSPENSION

+ 105K PERFORMANCE
+ 100% OFF-HIGHWAY RATING
+ +/-4 INCH ARTICULATION
+ REDUCE AXLE STRESS
Heavy-Duty Off-Highway Suspension

The Triton chassis suspension is designed to be used in tri-drive configurations. The suspension was designed specifically for the demanding life of off-highway conditions with a industry leading 105K carrying capacity. The Triton suspension is engineered for 100% off-highway use with +/- 4 inches of vertical articulation.

Triton is ideally suited for vehicles that operate in extreme heavy haul conditions, such as logging, tanker, end dump and military applications. The suspension design can be altered to adapt to most OEM heavy duty truck chassis, giving the ability to broaden its product offerings and target markets.

The Triton suspension is engineered for traditional OEM production line installation. Approved for a wide variety of applications the Triton has the ability to match the demands of your most challenging off-highway situations.

EXCELLENT ARTICULATION
High mounted air springs and an under slung trailing beam enable +/- 4” of axle articulation for off-highway performance.

IMPROVE VEHICLE ROLL STABILITY
The trailing beams are interconnected by a cross tube to create stability needed for travel over uneven terrain. The cross tube transfers the load to maintain suspension balance.

CONTROL RODS FOR EACH AXLE
Equipped with both longitudinal and lateral control rods to ensure proper axle tracking and alignment.

TRAILING BEAM PERFORMANCE
The trailing beam is fabricated of high strength steel to optimize strength to weight ration of the design.

NO LUBRICATION NECESSARY
Designed with Polyurethane bushings at main suspension connections for reduced maintenance, increased durability, and eliminate lubrication requirements.

SMOOTH RIDE CHARACTERISTICS
High volume air springs and tuned shock absorbers offer low natural frequencies, which enhances the ride quality of the suspension.

DUAL HEIGHT CONTROL VALVES
The suspension is configured to maintain designed ride height regardless of loading. Dual height control valves easily handle uneven load distributions.

100% OFF-HIGHWAY RATING
Approved for a wide variety of heavy-duty applications and the Triton suspension is fully integrated with Meritor P600 and Sisu axles. The unique design delivers high stability and vertical stiffness to create a stable and predictable handling.

SPECIFICATION

<table>
<thead>
<tr>
<th>AXLE SPREAD</th>
<th>62.5 INCHES</th>
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<tr>
<td>RIDE HEIGHT</td>
<td>12 INCHES</td>
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<tr>
<td>ARTICULATION</td>
<td>+/- 4 INCHES</td>
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Note: 35,000 lbs per axle. Custom heights and axle spreads are available upon request.

PRODUCT CODES

| 105K TRITON TRI-AXLE | TRI-105K-D |

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