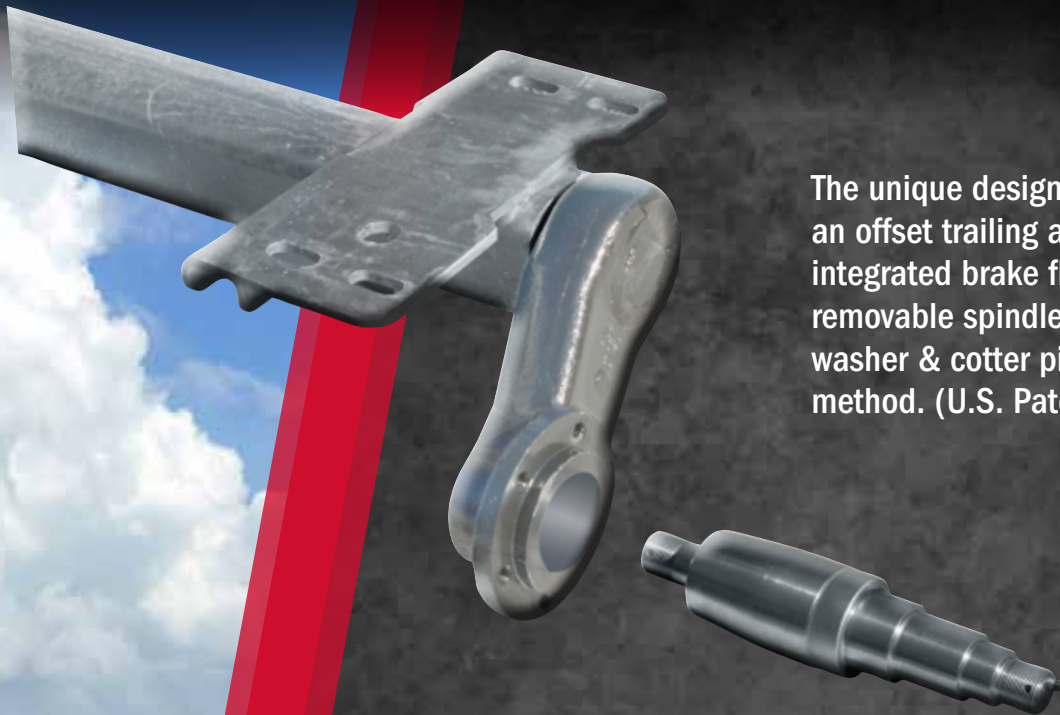




ELIMINATOR™

TORSION AXLE WITH REMOVABLE SPINDLE



The unique design of the Eliminator utilizes an offset trailing arm for frame clearance; integrated brake flange; optimally tapered removable spindle; and castle nut, spring washer & cotter pin spindle retention method. (U.S. Patent 6,299,259)

Independent suspension for a smoother ride

Forged brake flange with machined surface finish for improved braking performance

Torsion axles are available in raw, powder coat, or hot dipped galvanized

Available with multiple starting angles

Disc or drum brake options available

Hub & arm coating options include GalvXL or E-coat



ELIMINATOR™
TORSION AXLE WITH REMOVABLE SPINDLE

MAXIMIZE ROAD TIME

THE ELIMINATOR TORSION AXLE IS AN INDUSTRY FIRST WITH ITS REMOVABLE SPINDLE. GONE ARE THE DAYS OF SITTING BY THE SIDE OF THE ROAD WHEN THE SPINDLE/AXLE IS DAMAGED DUE TO EXTREME BEARING FAILURE OR DUE TO AN ACCIDENT.

Four rubber cords inside the steel tube housing handle suspension travel and shock absorption. This makes for a smoother ride over all types of road conditions. The axle bolts to the trailer frame, which acts as an additional cross member that stiffens the frame, reducing flex. The rubber torsion cord provides progressive rate shock absorption. Small bumps require less torsion resistance as compared to larger bumps, which require a stiffer rate of shock absorption. Torsion axles allow independent movement of each wheel, reducing shock transfer and dangerous trailer sway.

SHOCK CORD CROSS SECTION



NO LOAD

No weight on axle, before axle is mounted under load



NORMAL (FULL) LOAD

Typical position when axle is loaded at full capacity



HEAVY (SHOCK) LOAD

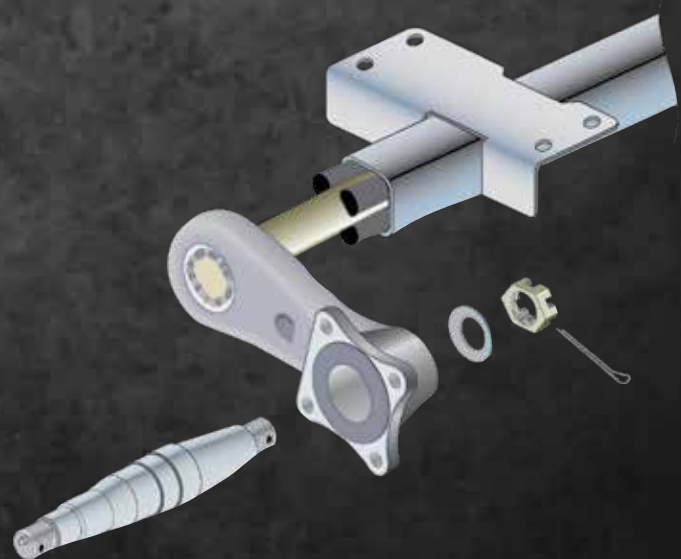
Typical position at extreme shock



3.7K Eliminator Spindle with Vortex™

TORSION ARM ANGLES

- 22.5° up
- 15° up
- 10° up
- 0°
- -10° down
- -22.5° down
- -25° down
- -35° down
- -45° down



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www.dexteraxle.com