

Eliminator Torsion Axles*

with Removable Spindles

The Eliminator Torsion 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.

Suspension travel and shock absorption are handled by four rubber cords inside the steel tube housing. As the wheel moves up and down the rubber cords compress, offering a progressive rate of resistance. Independent suspension: each wheel acts independently for a smoother ride. The axle is bolted to the trailer frame which acts as an additional cross member that stiffens the frame reducing frame flex.

Small bumps require less torsion resistance as compared to larger bumps which require a stiffer rate of shock absorption. This makes for a smoother ride over all types of roads. Torsion axles allow independent movement of each wheel, reducing shock transfer and dangerous trailer sway.

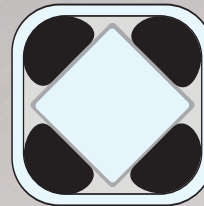
* U. S. Patent #6,299,259



Eliminator Torsion Axle Features:

- Built in forged brake flange with machined surface finish
- Torsion arms are coated to your specifications:
Plain, E-Coated or Hot Dipped Galvanized
- Available in 15°, 0°, -10°, -22.5°, -25°, -35° & -45°
- Brake options include: Vented Disc, Stainless Steel Disc or Drum
- Hub options include: Galvanized, Painted or E-Coat
- Lubrication options include Super Lube or Turbo Lube

Shock Cord Cross Section:



◀ No Load

No weight on axle, before axle is mounted under load.



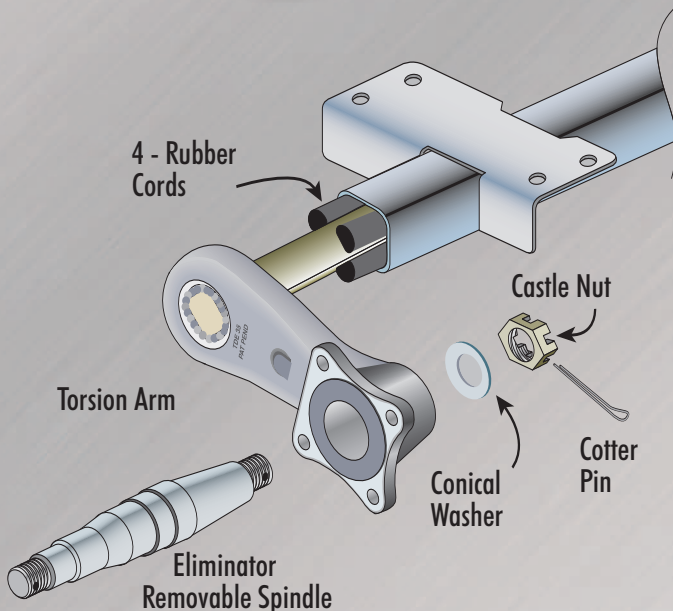
▶ Normal (Full) Load

Typical position when axle is loaded at full capacity.



◀ Heavy (Shock) Load

Typical position at extreme shock.



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Eliminator Torsion Axle Ordering Options:

Order One Eliminator Torsion Axle Beam

Pick 1 of 3 Axle Model Options:

- 1) Idler Hubs
- 2) Drum Brakes
- 3) Disc Brakes

- Easier to order
- Easier to store
- Easier to adapt to trailer at time of assembly

Eliminator Axles purchased in bulk can save space and assist with your inventory management. By ordering a full pallet (qty. 50) of a specific torsion axle enables you to order any combination of hubs or brakes.



Typical pallet order of Eliminator Torsion Axles without spindles (stacked 50 per pallet)

Assembled Spindle End Units Available with:



Idler, Super Lube, or Turbo Lube Hubs

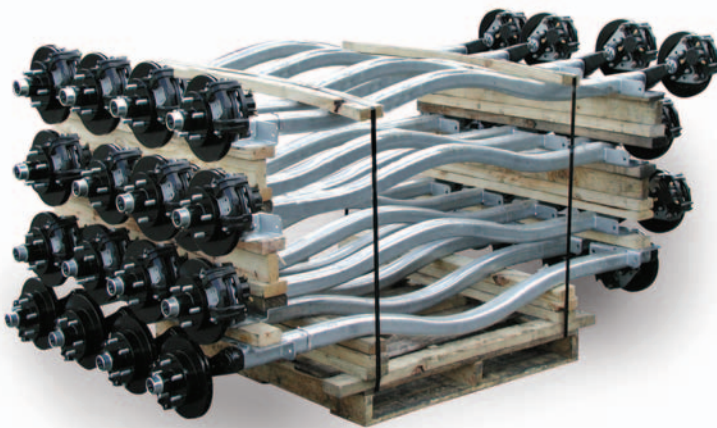


Hydraulic or Electric Drum Brakes

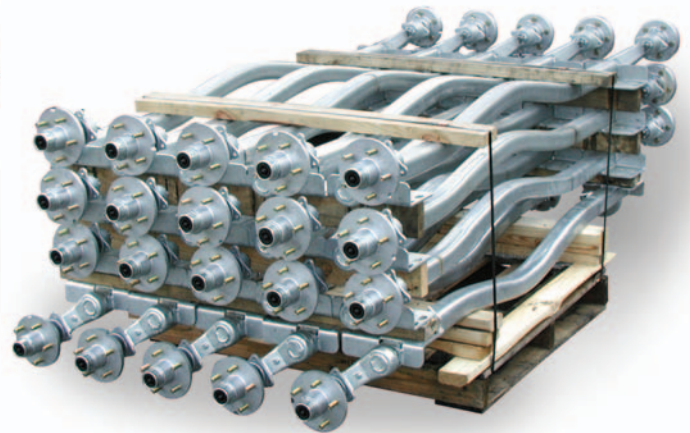


Eliminator Vented Disc Brakes or G4 Stainless Steel Disc Brakes

Order Completely Assembled Eliminator Torsion Axles To Fit Your Production Requirements



Typical pallet order of Eliminator Torsion Axles with spindles and Eliminator Vented Disc Brakes installed (16 assembled axles shown)



Typical pallet order of Eliminator Torsion Axles with spindles and Super Lube hubs Installed (20 assembled axles shown)

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