

# Gabriel<sup>®</sup> HD

THE ORIGINAL

Heavy Duty Cradled Shocks  
For Self-Steering Axle Applications

## INSTALLATION MADE EASY.

If your fleet has ever tried to install a steering damper on a self-steering axle, you know what a daunting, time consuming and seemingly impossible task it can be.

Gabriel understands this struggle and has developed a simple, inexpensive fix for this issue. By strapping the shock into a compressed position before shipping and keeping it cradled during the install, it makes the installation process on self-steering axles *smooth and simple*, saving your fleet time, hassle and frustration from complicated installs!

This packaging strap should be removed from the shock absorber **AFTER** installation has been completed, but before use of vehicle begins. Do not operate vehicle with packaging strap still in place.





## Heavy Duty Cradled Shocks For Self-Steering Axle Applications

# INSTALLATION MADE EASY.

Gabriel Commercial Truck and Trailer shocks are designed as a direct replacement for OE shocks - delivering unbeatable ride comfort, control, and performance.

## Specifications

### Part #646155

Extended Length: 22.45 in. 570.23 mm  
 Collapsed Length: 14.1 in. 358.14 mm  
 Stroke: 8.35 in. 212.09 mm  
 Bore: 1-3/16 in.  
 Dust Tube: YES  
 Recoil Cutoff: NO

#### Mounting Information

Upper Mount Code: ES36  
 Lower Mount Code: ES36

Make	Series	Additional Information
ADVANCE MIXER		Rear Discharge Mixers with Self - Steering Axle Shock
CHALLENGE COOK	Cement Truck	Cement Trucks with 3/4" Bushing & Sleeve mount
GRANNING SUSPENSION		Model L120 Self Steer Axle
HENDRICKSON TRAILER SUSPENSION SYSTEMS	Auxiliary Lifiable Steerable System (HL)	HLP Paralift
HENDRICKSON TRAILER SUSPENSION SYSTEMS	Auxiliary Lifiable Steerable System (HL)	HLU Paralift Ultra
HENDRICKSON TRUCK SUSPENSION SYSTEMS	Dual Tire Steer Lift Axle	Tough Lift LK Series
KIMBLE MIXER CO		Rear Discharge Mixers with Self - Steering Axle Shock
LONDON MIXER		Rear Discharge Mixers with Self - Steering Axle Shock
MC NEILUS TRUCK & MAN.		Bridgmaster V models with Self - Steering Axle Shocks
REX MIXER		Rear Discharge Mixers with Self - Steering Axle Shock
RIDEWELL CORPORATION		RSS-232
SAF HOLLAND		Self - Steering Axle Shocks
SUSPENSIONS INC.		LP11 Steerable Lift Axle
TEREX CORPORATION		Rear Discharge Mixers with Self - Steering Axle Shock
WATSON & CHALIN MFG. INC.	Self - Steering Axle Suspension Systems	LW5L-1100 SR
WATSON & CHALIN MFG. INC.	Self - Steering Axle Suspension Systems	SL-2089 Steerable Lift Axle Suspension
WATSON & CHALIN MFG. INC.	Self - Steering Axle Suspension Systems	WCAL-1000 SST
WATSON & CHALIN MFG. INC.	Self - Steering Axle Suspension Systems	WCAL-1100 LR
WATSON & CHALIN MFG. INC.	Self - Steering Axle Suspension Systems	WCAL-1100 SR
WATSON & CHALIN MFG. INC.	Self - Steering Axle Suspension Systems	WCAL-1100 SRLP
WATSON & CHALIN MFG. INC.	Self - Steering Axle Suspension Systems	WCAL-1100 SSR
WATSON & CHALIN MFG. INC.	Self - Steering Axle Suspension Systems	WCHL-1100 FL
WATSON & CHALIN MFG. INC.	Self - Steering Axle Suspension Systems	WCHL-1100 HI-LIFT

### Part #646177

Extended Length: 22.45 in. 570.23 mm  
 Collapsed Length: 14.1 in. 358.14 mm  
 Stroke: 8.35 in. 212.09 mm  
 Bore: 1-3/16 in.  
 Dust Tube: NO  
 Recoil Cutoff: NO

#### Mounting Information

Upper Mount Code: ES36  
 Lower Mount Code: ES36

Make	Series	Additional Information
CHALLENGE		Cement Mixer
CHALLENGE COOK	Cement Truck	Cement Trucks with 3/4" Bushing & Sleeve mount
KENWORTH	T680	Models with Watson & Chalin SL Series Steerable Lift Axle (8,000 to 13,500 lb)
KENWORTH	T880	Models with Watson & Chalin SL Series Steerable Lift Axle (8,000 to 13,500 lb)
LINK/HIGH-STEER		6000 Steering Stabilizer
PETERBILT	567 Series	Models with Watson & Chalin SL Series Steerable Lift Axle (8,000 to 13,500 lb)
SAF HOLLAND		Self - Steering Axle Shocks
SAF HOLLAND	Neway V-Steer II	Self - Steering Axle Shocks
SPRING VALLEY		SS120 Steering Stabilizer
SPRING VALLEY		SS130L Steering Stabilizer
WATSON & CHALIN MFG. INC.	Self - Steering Axle Suspension Systems	Self-Steering Axle Shocks
WESTPORT AXLE CORP		Self - Steering Axle Shocks

**For Technical Assistance,  
 please call our AnswerGarage Tech Line  
 at 800-999-3903  
 (Monday - Friday, 8am - 5pm CT)**

