

# NO TORQUE WRENCH REQUIRED.

STEMCO is changing the game on wheel ends again! With the Auto-Torq axle fastener, **installation has never been easier.** Auto-Torq sets the wheel end in optimum bearing adjustment for maximum life.

## **EASY INSTALLATION**

Auto-Torq technology takes the guesswork out of axle fastener installation by eliminating complex processes and specialty tools required with current market axle fasteners.

## **MAXIMIZES BEARING LIFE**

By applying the optimum clamp load on the bearings every time, bearing wear is minimized, resulting in the longest bearing service life.

## **ALL-IN-ONE SOLUTION**

Let Auto-Torq do the work. Throw away those costly spacers, half-stand bearings and precision hubs necessary for "PreSet" systems. Auto-Torq is compatible with any industry hub manufacturer. Combine with STEMCO industry-leading seals, bearings and hubcaps for extended warranties on your wheel ends.

## **SPEEDS WORKFLOW**

By eliminating the need for complex and repetitive steps, Auto-Torq allows for a quicker install time with improved peace of mind that installation is done correctly.

## **REUSABILITY**

Auto-Torq is fully reusable and designed for the life of the vehicle, ensuring the bearings are optimally adjusted every time the wheel end is serviced.

## **OPTIMAL WHEEL BEARING ADJUSTMENT**

Designed with an internal mechanism for optimal wheel bearing adjustment according to Society of Automotive Engineers (SAE) Recommended Practice J2535 for Wheel Bearing Adjustment and Optimal Bearing Life.

## **PREVENTS BACKOFF WITH EASY REMOVAL**

Integrated locking mechanism prevents backoff while still allowing for easy removal for annual inspections and maintenance.

## **OFFERS PEACE OF MIND**

With no clips, washers, keepers, snap rings or screws involved, you can rest assured that installation is performed correctly. The Auto-Torq eliminates most variables and sets optimum bearing adjustment AUTOMATICALLY.





# SAFE. SECURE. SIMPLE.



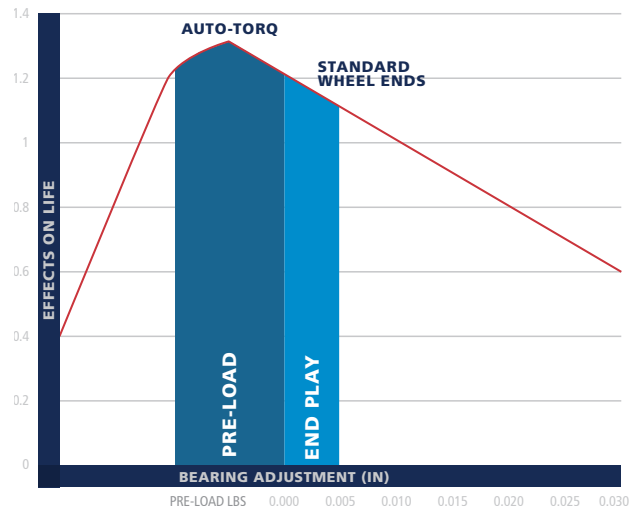
## Benefits of Preload with Auto-Torq®

SAE Specification J2535 details the preload targets for wheel end bearings, which provide significant benefits to bearing life and the wheel end system. This chart shows the comparative life of bearings set in the proper amount of preload versus end play. Auto-Torq revolutionizes wheel end assembly by removing the risk of over tightening, while simultaneously simplifying the assembly process through its patented limiting mechanism.

Benefits with Auto-Torq are:

- Bearings wear evenly and last longer
- Wheel spins true with the spindle, seals last longer
- Reduces vibrations that can have negative effects on brakes and suspensions

## Bearing Adjustment vs. Bearing Life



## Combine Auto-Torq with Any STEMCO Seal for Maximum Impact, or Use It by Itself to Bring the Benefits of Pre-Load into Any Wheel End

APPLICATION	PART NUMBER	AUTO-TORQ KIT NUMBER	INCLUDED SEAL PAIRING	PRO-TORQ® CROSS REFERENCE	ZIP-TORQ® CROSS REFERENCE
Trailer N	480-4743	480-4743-XR	Discover® XR	447-4743	400-4743
		480-4743-GG	Grit Guard®		
		480-4743-GHP	Guardian® HP		
		480-4743-VOY	Voyager®		
Trailer P	480-4723	480-4723-XR	Discover® XR	447-4723	400-4723
		480-4723-GG	Grit Guard®		
		480-4723-GHP	Guardian® HP		
		480-4723-VOY	Voyager®		
Drive R	480-4973	480-4973-XR	Discover® XR	449-4973	400-4973
		480-4973-GG	Grit Guard®		
		480-4973-GHP	Guardian® HP		
		480-4973-VOY	Voyager®		

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