

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.

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.



STEMCO[®]
Making the Roadways Safer[®]
— An ENPRO Company —





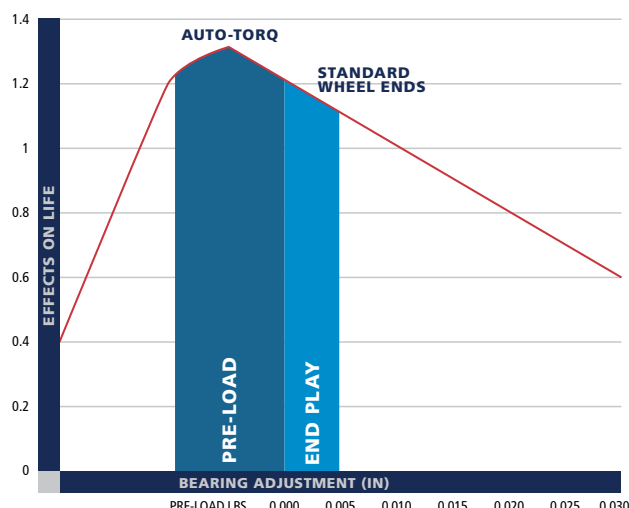
Benefits of Preload with Auto-TORQ®

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



Traditional Wheel-End



- Manually adjusted
- Reduced component life
- Axle fasteners and lock washers replaced frequently
- Torque wrench and dial indicator required
- Additional maintenance required

PreSet Spacer Wheel-End



- Requires PreSet half-stand bearings
- Requires PreSet spacer to achieve pre-load
- Torque wrench and dial indicator required
- Components can be expensive when replaced

Auto-TORQ Wheel-End



- Quick Installation & Reduced Maintenance Required
- No Torque Wrench or Specialised Tooling Required
- No Special Bearings - Either Traditional or Half-Stand
- No Special Spacers - No additional components required
- Auto-TORQ removes the risk of over-tightening
- Improved Bearing and Wheel Seal Life
- Reduces Downtime, Reduces Wheel-End Failures
- Reduces Costs, Reduces Installation Time and Errors

FASTENER KIT

CONTENTS

480-4973-GHP

GUARDIAN HP SEAL **309-0973**
WITH AUTO-TORQ DRIVE NUT

480-4973-DXR

DISCOVER XR SEAL **393-0473**
WITH AUTO-TORQ DRIVE NUT

480-4973-VOY

VOYAGER SEAL **393-0173**
WITH AUTO-TORQ DRIVE NUT

WHEEL-END KIT

CONTENTS

KIT-DRATG

MATCHED BEARING SET403 & SET401
GUARDIAN HP SEAL **309-0973**
WITH AUTO-TORQ DRIVE NUT

KIT-DRATD

MATCHED BEARING SET403 & SET401
DISCOVER XR SEAL **393-0473**
WITH AUTO-TORQ DRIVE NUT

KIT-DRATV

MATCHED BEARING SET403 & SET401
VOYAGER SEAL **393-0173**
WITH AUTO-TORQ DRIVE NUT

