

WHEEL END



THE NEW STANDARD IN AXLE FASTENERS

Zip-Torq® brings confidence and peace of mind to every bearing adjustment through its robust single piece design, ensuring every wheel end leaves the shop fully secured.

SIMPLIFIED & FULLY UNITIZED DESIGN

Single piece design allows installation without special tooling. No clips, keepers, snap rings, or screws to install.

PREVENTS BACK OFF

Integrated locking mechanism prevents back off.

SECURE ADJUSTMENT, EASY REMOVAL

Cannot rotate nut by hand after wheel-end adjustment is complete. After locking mechanism disengages, one can remove by hand.

CONSISTENT ENDPLAY

2-1-1 adjustment provides consistent TMC recommended endplay measurement between .001"-.005".

HIGHLY COMPATIBLE

Zip-Torq is compatible with most automated installation equipment, so there's no need to purchase new equipment.

EXTEND WARRANTY

Zip-Torq is offered with STEMCO PPS+ programs, to allow one to package wheel end products to get the best warranty in the industry.

INSTALL WITH CONFIDENCE

STEMCO offers installation videos and manuals online – available in the STEMCO app and on the website.





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Zip-Torq Axle Fastener Part Numbers and Features

ZIP-TORQ PART NO.	DESCRIPTION	THREAD SIZE	OUTER BEARING CONE/CUP	TOOL SOCKET	PRO-TORQ CROSS REF.	AUTO-TORQ CROSS REF.
TRAILER AXLE						
400-4723	"P" Parallel Trailer 22,500#	3.480"-12	HM518445/ HM518410	4-1/8" Six Point	447-4723	480-4723
400-4743	"N" Tapered Trailer 17,000#- 22,500#	2-5/8"-16	HM212049/ HM212011	3-1/4" Six Point	447-4743	480-4743
STEER AXLE						
400-4836	"FF" Steer 12,000#	1-1/2"-12	3782/3720	2-1/8" Six Point	448-4836	N/A
400-4837	DANA 12,000#	1-1/2"-18	3782/3720	2-1/8" Six Point	448-4837	N/A
400-4864	Mack Steer 18,000#, 20,000#	2"-12	555S/552A	2-7/8" Six Point	448-4864	N/A
400-4865	"FL" Steer 16,000#-20,000#	1-3/4"-12	555S/552A 3720/3979	2-7/8" Six Point	448-4865	N/A
DRIVE AXLE						
400-4904	Mack Drive 34,000#, 38,000#, 44,000#	2-7/8"-12	47679/47620 575/572 567/563	3-1/2" Six Point	449-4904	N/A
400-4973	"R" Drive 34,000#-46,000#, 50,000#	3-1/4"-12	580/572 SET401	4" Six Point	449-4973	480-4973

How Does Zip-Torq Work?

Zip-Torq is a unitized spindle nut that uses a patented self-locking ratchet system to secure the wheel end and prevent back off. Zip-Torq consistently delivers accurate endplay between .001"-.005" using the STEMCO 2-1-1 method.

Easy & Fast Install

Installation time of the Zip-Torq is the same or faster than Pro-Torq®, reducing time in the shop.

Learn More About 2-1-1 Installation Instructions

See detailed Zip-Torq installation instructions at www.stemco.com/211



Superior Wear Resistance

Bearing contact surface is induction hardened. No washers required.

Improved Threads

Zip-Torq engages twice as many threads to firmly seat and lock wheel bearings securely.

Infinite Locking Positions

Nut and spring steel keeper mate and lock at any point on the axle spindle in .002" axial increments.

Highly Visible Adjustment Marks

Give mechanics precise control of nut backoff amount during installation.

UNITED STATES | 800-527-8492 | 903-758-9981
300 Industrial Drive
Longview, Texas 75602 | US

4641 Industrial Drive
Millington, Michigan 48746 | US

CANADA | 877-232-9111 | 905-206-9700
1020 Lorimar Drive
Mississauga, ON L5S 1R8 | Canada

MEXICO | 444-804-1736
Eje Central Sahop No 215, Zona Ind
San Luis Potosi SLP 78395 | Mexico

AUSTRALIA, NEW ZEALAND, PAPUA
011-61-2-9793-2599
2/198 Walters Road
Arndell Park NSW 2148 | Australia


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