

TECHNICAL BULLETIN

STEERTEK™ NXT • STEERTEK™ Tie Rod Assemblies

SUBJECT: Tie Rod Assembly Replacements &
Tie Rod End Component Service Kits

LIT NO: SEU-0223

DATE: August 2023

REVISION: F

IMPORTANT NOTICE

The **Selection Guide** in this publication will assist with (1) identifying the tie rod assembly part number equipped on STEERTEK NXT and STEERTEK axles including those incorporated in AIRTEK NXT, AIRTEK, SOFTEK NXT, SOFTEK and STEERTEK NXT High Capacity suspension systems, and (2) determining the proper tie rod end component service kit(s) and/or tie rod assembly replacement part numbers.

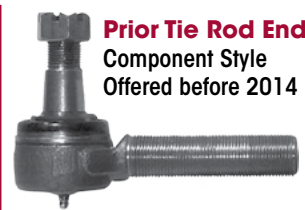
The tie rod assemblies originally equipped on STEERTEK NXT and STEERTEK axles **prior to 2014** use the tie rod end component style shown in Figure 2. **For service purposes**, note these prior tie rod assemblies are not compatible with any current tie rod assemblies introduced in 2014 (Figure 1). Any necessary service of the prior tie rod end component style will require complete tie rod assembly replacement.

FIGURE 1



**Current Tie Rod End
Component Style
Introduced in 2014**

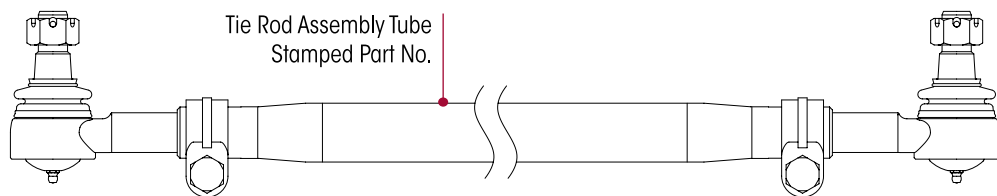
FIGURE 2



**Prior Tie Rod End
Component Style
Offered before 2014**

To identify the tie rod assembly currently installed on STEERTEK NXT and STEERTEK axles, locate the part number on the tie rod tube, see Figure 3. If the number on the tie rod tube is worn or not visible, contact the vehicle manufacturer with the VIN number and request the tie rod assembly part number. Once the tie rod assembly number is identified, refer to the Selection Guide in this publication to determine the appropriate replacement components.

FIGURE 3



For complete maintenance and safety instructions, refer to the appropriate Hendrickson Technical Publications for STEERTEK NXT • STEERTEK steer axles and AIRTEK NXT • AIRTEK • SOFTEK NXT • SOFTEK • STEERTEK NXT High Capacity suspension systems, available online at: www.hendrickson-intl.com.

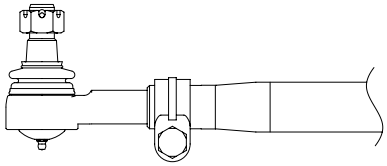
- **Tie rod assemblies include the** Tie rod tube, left and right hand tie rod ends, and castle nuts
- **Tie rod end service kits include the** left and right hand tie rod ends, flat washer (if equipped) and tie rod nut cotter pin



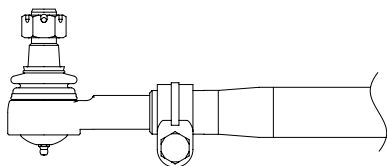
SELECTION GUIDE

STRAIGHT TIE RODS

1" THREADS • 8K to 10K lb. Capacity

TIE ROD ASSEMBLY		TIE ROD END		TIE ROD ASSEMBLY REPLACEMENT PART NO.
	PART NO.	PART NO.	SERVICE KIT NO.	
	91226-005	91226-101 (LH) 91226-102 (RH)	34013-499 (Axle Set) 34013-500 (LH) 34013-501 (RH)	—

1 1/8" THREADS • 10K to 14.6K lb. Capacity

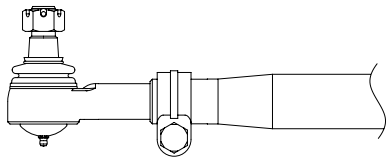
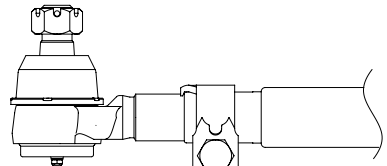
TIE ROD ASSEMBLY		TIE ROD END		TIE ROD ASSEMBLY REPLACEMENT PART NO.
	PART NO.	PART NO.	SERVICE KIT NO.	
	76877-001 through 76877-006	70995-001 (LH) 70995-002 (RH)	60961-734 (Axle Set) 60961-736 (LH) 60961-741 (RH)	—

- 58908-001 through 58908-006
- 60239-001 through 60239-006
- 64801-001 through 64801-006
- 65706-001 through 65706-002

Tie rod end service kits are no longer available for these tie rod assembly numbers require complete tie rod assembly replacement.

76877-001 through 76877-006

1 1/4" THREADS • 10K to 14.6K lb. Capacity

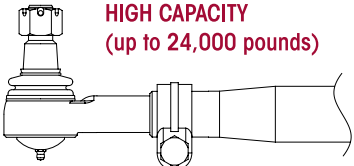
TIE ROD ASSEMBLY		TIE ROD END		TIE ROD ASSEMBLY REPLACEMENT PART NO.
	PART NO.	PART NO.	SERVICE KIT NO.	
	*76879-001 through 76879-003	76876-001 (LH) 76876-002 (RH)	60961-735 (Axle Set) 60961-742 (LH) 60961-743 (RH)	—
	64006-001 through 64006-003	64002-001 (LH) 64002-002 (RH)	60961-011 (Axle Set) 60961-027 (LH) 60961-028 (RH)	—

- 64442-001 through 64442-003

Tie rod end service kits are no longer available for these tie rod assembly numbers require complete tie rod assembly replacement.

76879-001 through 76879-003

1 1/4" THREADS • 16K to 24K lb. High Capacity

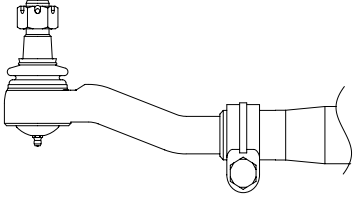
TIE ROD ASSEMBLY		TIE ROD END		TIE ROD ASSEMBLY REPLACEMENT PART NO.
	PART NO.	PART NO.	SERVICE KIT NO.	
HIGH CAPACITY (up to 24,000 pounds)	80721-001 through 80721-003	80745-001 (LH) 80745-002 (RH)	60961-890 (Axle Set) 60961-889 (LH) 60961-888 (RH)	—

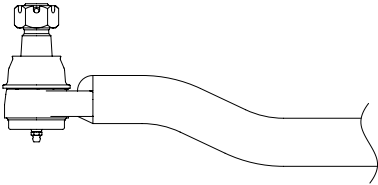
*STEERTEK NXT High Capacity Systems (16K-24K lb. Capacity) equipped with straight tie rod assembly Part Nos. 76879-001 through 76879-003, refer to your respective parts list for proper component conversion to tie rod assemblies 80721-001 through 80721-003.

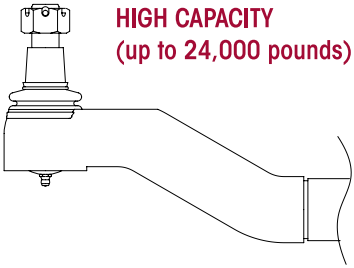


SELECTION GUIDE (continued)

DROP TIE RODS

1 1/4" THREADS • 8K to 14.6K lb. Capacity				
TIE ROD ASSEMBLY		TIE ROD END		TIE ROD ASSEMBLY REPLACEMENT PART NO.
	PART NO.	PART NO.	SERVICE KIT NO.	
	76878-001 through 76878-003	76875-001 (LH) 76875-002 (RH)	60961-737 (Axle Set) 60961-739 (LH) 60961-740 (RH)	—
<ul style="list-style-type: none"> • 59948-001 through 59948-003 • 65690-001 through 65690-003 • 66699-001 through 66699-003 		Tie rod end service kits are no longer available for these assembly numbers, requires complete tie rod assembly replacement.		76878-001 through 76878-003

1 1/2" THREADS • 10K to 12K lb. Capacity	
TIE ROD ASSEMBLY	
	PART NO.
	68869-001
Tie rod end service kits are no longer available for this configuration, requires complete tie rod assembly replacement.	

1 7/8" THREADS • 16K to 24K lb. High Capacity				
TIE ROD ASSEMBLY		TIE ROD END		TIE ROD ASSEMBLY REPLACEMENT PART NO.
 HIGH CAPACITY (up to 24,000 pounds)	PART NO.	PART NO.	SERVICE KIT NO.	
	79365-001	79366-001 (LH) 79366-002 (RH)	60961-884 (Axle Set) 60961-882 (LH) 60961-883 (RH)	—

For more information contact your local Hendrickson parts supplier, truck dealer or Hendrickson Tech Services at:



PARTS IDENTIFICATION
truckparts@hendrickson-intl.com



TECHNICAL SUPPORT
techservices@hendrickson-intl.com



Additional Hendrickson Product Information
www.hendrickson-intl.com

Actual product performance may vary depending upon vehicle configuration, operation, service and other factors.
All applications must comply with applicable Hendrickson specifications and must be approved by the respective vehicle manufacturer with the vehicle in its original, as-built configuration.
Contact Hendrickson for additional details regarding specifications, applications, capacities, and operation, service and maintenance instructions.

*Call Hendrickson at **1.866.755.5968** (toll-free) or **1.630.910.2800** for additional information.*



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