

TECHNICAL BULLETIN

STEERTEK NXT / STEERTEK / IFS Tie Rod Assemblies

SUBJECT: Tie Rod Assembly and Tie Rod End
Replacement

LIT NO: SEU-0223

DATE: March 2015

REVISION: D

IMPORTANT NOTICE

In the first quarter of 2014, Hendrickson Truck Commercial Vehicle Systems began the launch of various NEW tie rod assemblies on the STEERTEK NXT and STEERTEK axles equipped on AIRTEK® / SOFTEK® suspension systems for most new production vehicles and in the aftermarket. The new tie rod ends appear slightly different as shown in Figure 1. For service purposes, note none of these NEW tie rod assemblies are compatible with any of the previous existing tie rod assemblies in the field (Figure 2) and will require complete tie rod assembly replacement. On some vehicle configurations in production and in the aftermarket, the tie rod assemblies will not change to the new tie rod assembly and replacement components (i.e. tie rod end service kits) will remain the same.

FIGURE 1



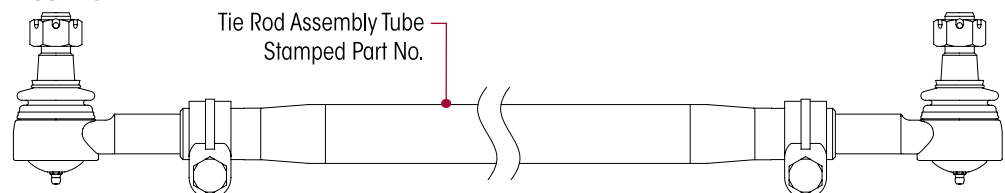
FIGURE 2



The Selection Guide inside this publication will assist to identify the tie rod assembly part number and determine the proper tie rod end service kit(s) and/or tie rod assembly part number for component replacement.

To identify the current tie rod assembly on the vehicle, 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

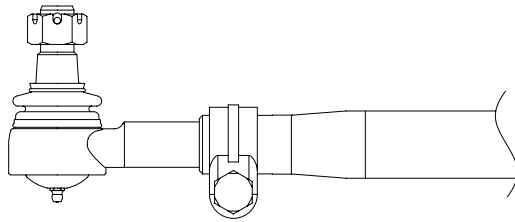


For complete maintenance and safety instructions, refer to the appropriate Hendrickson Technical Publications for AIRTEK • SOFTEK • STEERTEK NXT • STEERTEK • SOFTEK NXT • IFS suspension systems, available online at www.hendrickson-intl.com.



SELECTION GUIDE

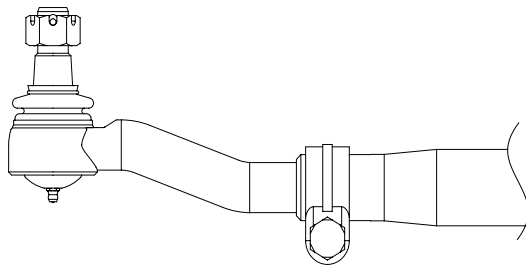
Straight Tie Rods – 1 1/8" Threads



- **TIE ROD ASSEMBLIES** include left hand, right hand tie rod ends and 7/8" castle nut
- **TIE ROD END SERVICE KITS** include left hand, right hand tie rod ends, 7/8" flat washer and tie rod nut cotter pin

TIE ROD ASSEMBLY PART NO.	TIE ROD END PART NO.	TIE ROD END SERVICE KIT NO.	
STEERTEK NXT AXLE			
76877-001 through 76877-006	70995-001 (LH) 70995-002 (RH)	60961-734 (Axle Set) 60961-736 (LH) 60961-741 (RH)	
STEERTEK NXT / STEERTEK AXLE			TIE ROD ASSEMBLY REPLACEMENT PART NO.
58908-001, 60239-001, 64801-001, 65706-001	Tie rod end service kits are no longer available for these assembly numbers, component replacement requires complete tie rod assembly replacement.		76877-001
58908-002, 60239-002, 64801-002, 65706-002		76877-002	
58908-003, 60239-003, 64801-003		76877-003	
58908-004, 60239-004, 64801-004		76877-004	
58908-005, 60239-005, 64801-005		76877-005	
58908-006, 60239-006, 64801-006		76877-006	

Drop Tie Rods – 1 1/4" Threads

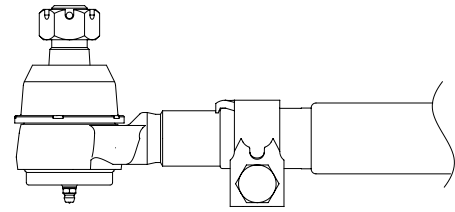
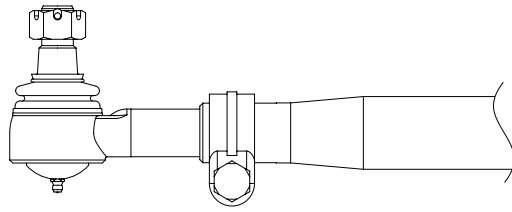


TIE ROD ASSEMBLY PART NO.	TIE ROD END PART NO.	TIE ROD END SERVICE KIT NO.	
STEERTEK NXT AXLE			
76878-001 through 76878-003	76875-001 (LH) 76875-002 (RH)	60961-737 (Axle Set) 60961-739 (LH) 60961-740 (RH)	
STEERTEK NXT / STEERTEK AXLE			TIE ROD ASSEMBLY REPLACEMENT PART NO.
59948-001, 65690-001, 66699-001	Tie rod end service kits are no longer available for these assembly numbers, component replacement requires complete tie rod assembly replacement.		76878-001
59948-002, 65690-002, 66699-002		76878-002	
59948-003, 65690-003, 66699-003		76878-003	



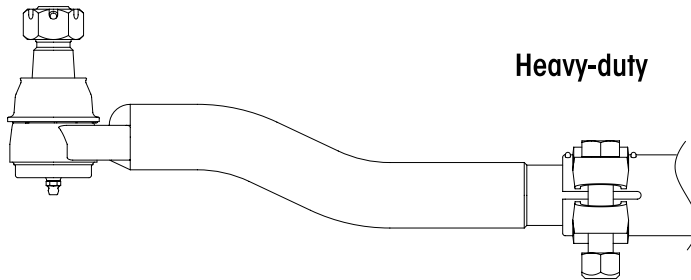
SELECTION GUIDE (Continued)

Straight Tie Rods – 1 1/4" Threads



TIE ROD ASSEMBLY PART NO.	TIE ROD END PART NO.	TIE ROD END SERVICE KIT NO.	
STEERTEK NXT / STEERTEK AXLE			
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)	
IFS			
64006-004	64002-003 (LH) 64002-004 (RH)	60961-181 (Axle Set) 60961-178 (LH) 60961-179 (RH)	
STEERTEK NXT / STEERTEK AXLE			TIE ROD ASSEMBLY REPLACEMENT PART NO.
64442-001	Tie rod end service kits are no longer available for these assembly numbers, component replacement requires complete tie rod assembly replacement.		76879-001
64442-002		76879-002	
64442-003		76879-003	

Drop Tie Rods – 1 1/2" Threads



Heavy-duty

TIE ROD ASSEMBLY PART NO.	TIE ROD END PART NO.	TIE ROD END SERVICE KIT NO.
STEERTEK NXT / STEERTEK AXLE		
68869-001	68935-001 (LH) 68935-002 (RH)	60961-626 (Axle Set) 60961-624 (LH) 60961-625 (RH)

Contact Hendrickson Tech Services for more information:



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