

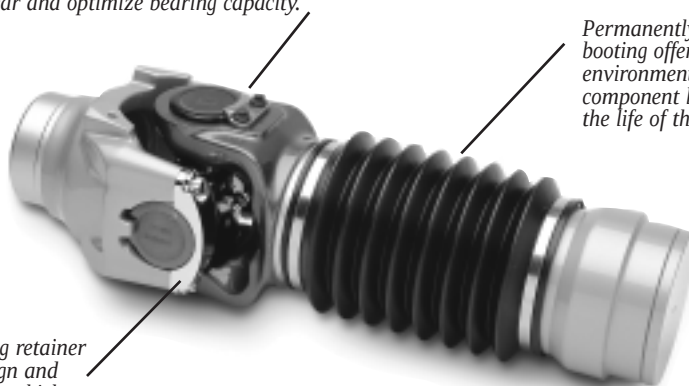
Spicer Life Series™ Driveshaft – Quick Reference

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New patented spring tabs increase bearing retention, reduce wear and optimize bearing capacity.

Permanently lubricated spline with booting offers protection against environmental contaminants, increases component life and is lubricated for the life of the product.

A new cold-formed bearing retainer replaces the old strap design and reduces bearing movement which may result from overloading.



Maximum Lubrication* Cycles

Type of Service	Distance	Time
City	25,000 Mi./40,000 Km	or 6 months whichever comes first
On Highway	100,000 Mi./160,000 Km	or 6 months whichever comes first
On/Off Highway	25,000 Mi./40,000 Km	or 6 months whichever comes first
Highway/Industrial	500 hours for normal service and severe environmental conditions	250 hours for continuous service or whichever comes first

*Spicer recommends use of a high quality N.L.G.I., E.P. GRADE 2 lubricating grease

Bearing Retainer* Bolt Torque Specifications

Series	Socket Size	Bolt Torque	Assembly P/N
SPL140	12mm-12 point	135-160 Nm/100-120 Lb. Ft.	140-70-18X
SPL170	12mm-12 point	135-160 Nm/100-120 Lb. Ft.	170-70-18X
SPL250	12mm-12 point	135-160 Nm/100-120 Lb. Ft.	250-70-18X

*Spicer Life Series™ bearing retainers *MAY BE RE-USED* if not damaged. Spicer Life Series bearing retainer bolts *MAY NOT BE* re-used. Order bolt P/N 12-73-125M for all series.

Spring Tab Bolt* Torque Specifications

Series	Socket Size	Bolt Torque	Assembly P/N
SPL140	8mm - 6 point	35-40 Nm/20-25 Lb. Ft.	211941X
SPL170	8mm - 6 point	35-40 Nm/20-25 Lb. Ft.	211941X
SPL250	8mm - 6 point	35-40 Nm/20-25 Lb. Ft.	211941X

*Spicer Life Series™ spring tabs and bolts *MAY NOT BE* re-used. Order assembly part number.

Midship Nut Torque Specifications

Series	Nut P/N*	Nut Torque	Washer P/N
SPL140	250-74-11	644-712 Nm/475-525 Lb. Ft.	230123-6
SPL170	250-74-11	644-712 Nm/475-525 Lb. Ft.	230123-6
SPL250	250-74-11	644-712 Nm/475-525 Lb. Ft.	230123-6

*Wrench size 41mm

Boot Clamp Torque Specifications

Series	Clamp P/N	Clamp Torque	Assembly P/N
SPL140	232757	136-180 Nm/100-130 Lb. Ft.	212046X
SPL170	232493	136-180 Nm/100-130 Lb. Ft.	211959X
SPL170*	232702	136-180 Nm/100-130 Lb. Ft.	211987X
SPL250	232493	136-180 Nm/100-130 Lb. Ft.	211959X

*Used in high angle interaxle positions only.

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Spicer Life Series™ Part Number Interchange

Description	Spicer Life Series Part Number	PACCAR	Navistar	Volvo	Freightliner	Mack
Spicer Life 170 U-Joint Kit	SPL170X		2500678C91	3947697	SP SPL170X	2104 SPL170X
Spicer Life 170 Bearing Retainer Kit	170-70-18X		2500674C91	3947699		2104 1707018X
Spicer Life Series Bearing Retainer Bolt	12-73-125M	12-73-125M	3513117C1	8082078	SP 12 73 125M	41AM7
Spicer Life Series Spring Tab Kit	211941X					
Spicer Life Series Boot Kit	211959X		2500671C91	3947801		
Spicer Life Series Boot Clip	232493			3947802		
Spicer Life Series Boot Kit	211987X		2500684C91	3947803		
Spicer Life Series Boot Clip	232702			3947804		
Spicer Life Series 170 Coupling Shaft End Yoke	170-4-11-1		2500658C1			2104 1704111
Eaton Tandem Axle	170-4-241-1X	170-4-241-X		8081933		176MU41P12 170MU51P36
Eaton Tandem Axle	170-4-161-1X					
Eaton Tandem Axle	170-4-201-1X	170-4-201-1X	3513133C91	8081927		176MU41P11 170MU51P25
Eaton Tandem Axle	170-4-221-1X	170-4-221-1X	3513134C91		SP 170-4-221-1X	
Eaton Tandem Axle	170-4-261-1X	170-4-261-1X				
Eaton Tandem Axle	170-4-281-1X	170-4-281-1X	3513135C91	8081932		176MU41P13 170MU51P37
Fuller Transmission	170-4-481-1X	170-4-481-1X	3513675C91	8081923		176MU41P20 176MU51P5
Fuller Transmission	170-4-521-1X	170-4-521-1X	3514642C91	8081924		176MU41P21 170MU51P6
Fuller Transmission	170-4-461-1X					170MU51P8
Rockwell Single Axle	170-4-671-1X	170-4-671-1X	3513842C91	8081937		176MU41P18 170MU51P31
Rockwell Single Axle	170-4-721-1X	170-4-721-1X	3514643C91	8081926		176MU41P22 170MU51P18
Spicer Single Axle	170-4-901-1X	170-4-901-1X	3517065C91			

Spicer Life Series™ Part Number Interchange

Description	Spicer Life Series Part Number	PACCAR	Navistar	Volvo	Freightliner	Mack
Spicer Life 250 U-Joint Kit	SPL250X		2500680C91	3947698	SP SPL250X	2104 SPL250X
Spicer Life 250 Bearing Retainer Kit	250-70-18X		2500675C91	3947800	SP 250 70 18X	2104 2507018X
Spicer Life Series Bearing Retainer Bolt	12-73-125M	12-73-125M	3513117C91	8082078	SP 12 73 125M	41AM7
Spicer Life Series Spring Tab Kit	211941X					
Spicer Life Series Boot Kit	211959X		2500671C91	3947801		
Spicer Life Series Boot Clip	232493			3947802		
Spicer Life Series 250 Coupling Shaft End Yoke	250-4-21-1			3947962		2104 2504211
Fuller Transmission	250-4-241-1X	250-4-241-1X	3513838C91	8081941		1NPN61008 181MU41P9 125MU53P6
Rockwell Tandem Axle	250-4-351-1X	250-4-351-1X	351839C91	3969891 8081943	SP 250 4 351 1X	181MU41P7 125MU53P16
Fuller Transmission	250-4-561-1	250-4-561-1	3519832C1			
Eaton Tandem Axle	250-4-61-1X					
Mack Transmission	250-4-621-1X					181MU41P4 125MU53P3
Eaton Tandem Axles	250-4-81-1X	250-4-81-1X	3517493C91	8081944		181MU41P5 125MU53P22

Spicer Life Series™ Part Numbering System for Driveshaft Assemblies

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Assemblies:	AAABBCDEEE-FFFF
AAA	= Series
BB	= Description (see below)
C	= End Fitting on Slip End (Bearing End for Coupling Shaft)
D	= End Fitting on Tight End
EEE	= Spicer Sequential Number
FFFF	= Tube Length (In millimeters)

Example:	250DS25001-1234M*
Series	= 250 (SPL250)
Description	= DS (Driveshaft)
End Fitting (Slip)	= 2 (Flange Yoke)
End Fitting (Tight)	= 5 (Journal Cross)
Sequence No.	= 001 of 999
Tube Length	= 1234 Millimeters
*M denotes millimeters	

Description:	Driveshaft	= DS
	Coupling Shaft	= CS
	Short Couple	= SC
	Jack Shaft	= JS
	Steering Shaft	= ST
	Double Cardan Shaft	= DC
	System Balance	= SB
	Individual Joint	= IJ
	Double Joint	= DJ
	Dyno Shaft	= DY
	Other	= NA

End Fittings:	No Fittings/Other	= 0
	Companion Flange	= 1
	Flange Yoke	= 2
	Slip Yoke	= 3
	End Yoke	= 4
	Journal	= 5

Spicer Life Series™ Part Numbering System for Components

Components:	AAA-BB-CCCC-DE*
AAA	= Series
BB	= Part Description (see below)
CCCC	= Spicer Sequential Number
D	= Denotes Half Round
E	= Denotes Assembly

*D and/or E may or may not be present in the component part number.

Description:	Companion Flange	= 1
	Flange Yoke	= 2
	Slip Yoke	= 3
	End Yoke	= 4
	Tube Yoke	= 28
	Yoke Shaft	= 82

Example:	250-4-241-1X*
Series	= 250 (SPL250)
Description	= 4 (End Yoke)
Sequence Number	= 241 (11-9999)
Half Round	= 1
Assembly	= X

*The part number used in this example is a Spicer Life Series™ 250 half round end yoke assembly.