

MERITOR® 170/250 REPLACEMENT COMPONENTS



Trust Meritor® for all your 170 and 250 style driveline replacement needs. Manufactured to high-quality design and engineering standards, Meritor 170 and 250 style components deliver long life and lasting value.

MERITOR U-JOINTS FOR STRONG, DEPENDABLE PERFORMANCE

Meritor u-joints help reduce maintenance costs and downtime. Advanced design features make it the ideal choice for 170 and 250 style replacement requirements.

Features and Benefits

- Anti-rotation bearing cup provides precision lock-up of the universal joint
- Two-piece seal system and dust caps reduce maintenance and lower operating costs
- Increased contact and bearing surface improves load carrying capacity
- Precision ground journal length, bearing cup and retainer interface provides zero end-play installation reducing driveline vibration
- Bearing cup retainer design allows easier installation reducing labor costs
- Sliding fit between the bearing cup and yoke avoids the need for a press during installation

Key Features of U-Joints



U-Joints		
Part Number	Hardware Kit Part Number	DL Series*
US170X	KIT US250-170X	SPL170
US250X	KIT US250-170X	SPL250

Hardware kit is for use with these u-joints only and is not interchangeable with OEM retention hardware or u-joint.



POPULAR 170/250 REPLACEMENT OPTIONS

Meritor offers even more 170/250 replacement components to complement its u-joint offering. From end yokes to tubing to yoke shafts and more, the Meritor portfolio includes a wide range of replacement options to quickly get vehicles back on the road.



End Yokes						
Part Number	DL Series*	Spline/Number of Teeth	Hub Diameter	Length Through Bore	CL to End of Hub	Joint Angle
SPL170HR Series A-6.457 B-2.165						
170N-4-1271-1	170HR	2.39"/46	—	2.75"	5.59"	25°
170N-4-201-1X	170HR	2.27"/44	3"	2.5"	5.27"	25°
170N-4-241-1X	170HR	2.02"/39	2.62"	2.5"	6.5"	45°
170N-4-261-1X	170HR	2.02"/39	3"	2.28"	5.16"	25°
170N-4-281-1X	170HR	2.02"/39	3"	2.28"	6.24"	45°
170N-4-521-1X	170HR	2.75"/10	3.75"	3"	5.86"	25°
170N-4-561-1	170HR	2.79"/54	—	2.75"	5.6"	25°
170N-4-671-1X	170HR	2.02"/39	3"	2.31"	6.39"	45°
170N-4-721-1X	170HR	2.39"/46	3.25"	2.33"	5.1"	25°
SPL250HR Series A-6.413 B-2.362						
250N-4-21-1	250HR	2.39"/46	—	2.75"	5.75"	25°
250N-4-241-1X	250HR	2.75"/10	3.75"	3"	6.30"	25°
250N-4-271-1	250HR	2.79"/54	—	2.75"	5.7"	25°
250N-4-351-1X	250HR	2.39"/46	3.25"	2.31"	5.31"	25°
250N-4-81-1X	250HR	2.27"/44	3"	2.5"	5.49"	25°

Weld Yokes						
Part Number	DL Series*	Tubing Size (O.D. x Wall Thickness)	Butt Diameter	Type of Butt	CL to Point of Weld	Joint Angle
SPL170 Series A-6.027 B-2.165						
170N-28-17	SPL170	4.960" x 0.118"	4.75"	HO	3.69"	25°
SPL250 Series A-5.985 B-2.362						
250M-28-17	SPL250	5.196" x 0.236"	4.75"	HO	4.1"	25°



Midship Stub Shaft										
Part Number	Spline/ Number of Teeth	Bearing Diameter	Tubing Diameter and Wall Thickness	Butt Diameter	Length of Spline	End of Spline to Point of Weld	Thread Size	End of Spline to Bearing Shoulder	Shoulder Diameter	Length of Shoulder
250N-53-11	2.35"/46	2.362"	5.196" x 0.236"	4.75"	2.72"	5.31"	1.25-18-M	4"	2.88"	0.81"

Flanged nut N20-74-91 included with boxed midship

Tubing			
Part Number	Outside Diameter	Wall Thickness	Length
RT-496-118-72	4.96"	0.118"	72"
RT-5197-236-72	5.197"	0.236"	72"



Sleeve				
Part Number	DL Series*	Spline/Number of Teeth	End of Spline to Weld	Butt Diameter Weld
RT-496-118-72	4.96"	0.118"	72"	72"
RT-5197-236-72	5.197"	0.236"	72"	72"



Yoke Shafts						
Part Number	DL Series*	Spline/Number of Teeth	Length of Spline	End of Spline to Radius	CL to End of Tube	CL to End of Spline
170N-82-21X	SPL170	3.858"/38	5.69"	7.81"	7.12"	11.81"
250N-82-21X	SPL250	3.858"/38	5.69"	7.81"	7.12"	11.81"

*SPL – Spicer® Life Series driveshafts – is a registered trademark of Dana Corporation.

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