

General Service Bulletin (GSB):	Driveline Angle Hardware Identification
GSB Overview:	This document lists various specialty hardware for adjusting driveline angles.
NOTE: This information is not intended to replace or supersede any warranty, parts and service policy, Work Shop Manual (WSM) procedures or technical training or wiring diagram information.	

Overview

Driveline shudder or vibration on take-off may occur when customers modify a vehicle or operate a vehicle under specific (non-standard) conditions. To assist dealers with servicing these conditions, a list of available hardware that may be used is provided below.

Note: If the vehicle exhibits a driveline shudder or vibration in the stock configuration and/or under normal operating conditions, refer to Workshop Manual Section 205-00 for diagnosis and repair.

While components fit the applications specified, the results of installation vary. Fastener length requirements are often affected when shims or spacers are added. Installers assume responsibility for results of any modifications not directed in a published installation procedure. Installing components listed to address conditions which occur due to non-factory modifications to the vehicle are not warrantable.

Parts below may not be listed the Parts Catalog. The catalog will only list items originally installed on the vehicle at time of manufacture. Parts numbers can be ordered through DOES II.

Note: Do not stack multiple pinion wedges together.

Model Year	Vehicle Line	Application	Part Description	Svc. Part Number	Notes
2011-2016	F250-450	all 172" Wheelbase	center bearing adapter bracket nut	33771-S2	
2011-2016	F250-450	all 172" Wheelbase	driveshaft center bearing fastener	56761- S439	
2008-2016	F250-450	all with center bearing	center bearing bolt	56764-S439	7/16"-14 grade 5 bolt may be substituted providing that it extends at least three (3) threads past the nut. Torque bolt to 52 lb-ft (70 N-m)
2011-2016	F250-450	all 172" Wheelbase	driveshaft flange fastener	N811880-S100	
2009-2016	F150	all with center bearing	Center Bearing Bolt (2 req.)	W711116-S439	

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2005-2014	F150	4x2	rear axle/driveline repair kit	4L3Z-4C088-AA	includes hardware
2005-2014	F150	4x4	rear axle/driveline repair kit	4L3Z-4C088-BA	includes hardware
2005-2014	F150	4x2 heavy duty	rear axle/driveline repair kit	4L3Z-4C088-CA	includes hardware
2005-2014	F150	4x4 heavy duty	rear axle/driveline repair kit	4L3Z-4C088-DA	includes hardware
2009-2014	F150	4x2 all	Axle shim kit	9L3Z 4C088-EB	kit with hardware and wedges
2009-2014	F150	4x4 light duty	Axle shim kit	9L3Z 4C088-FB	kit with hardware and wedges
2009-2014	F150	4x4 heavy duty	Axle shim kit	9L3Z 4C088-GB	kit with hardware and wedges
2015-2016	Transit	all DRW	rear axle/driveline repair kit	CK4Z-4C088-A	includes 1 degree and 2 degree wedge and hardware
2015-2016	Transit	all SRW	rear axle/driveline repair kit	CK4Z-4C088-B	includes 1 degree and 2 degree wedge and hardware
2015-2016	F150	4x2 light duty	Axle shim kit	FL3Z 4C088 A	kit with hardware and wedges
2015-2016	F150	4x2 heavy duty	Axle shim kit	FL3Z 4C088 B	kit with hardware and wedges
2015-2016	F150	4x4 light duty	Axle shim kit	FL3Z 4C088 C	kit with hardware and wedges
2015-2016	F150	4x4 heavy duty	Axle shim kit	FL3Z 4C088 D	kit with hardware and wedges
2011-2016	F250	(SRW) 172" wheelbase 4x4	driveshaft	BC3Z-4R602-PU	shorter than original equipment on vehicles build prior to 1/24/2014
2011-2016	F350	(SRW) 172" wheelbase 4x4	driveshaft	BC3Z-4R602-PV	shorter than original equipment on vehicles build prior to 1/24/2014
2011-2016	F350/450	(DRW) 172" wheelbase 4x4	driveshaft	FC3Z-4R602-A	shorter than original equipment on vehicles build prior to 1/24/2015
2008-2016	F250-450	172" Wheelbase	center bearing bracket	7C3Z-4831-A	Raises Center Bearing Height

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2008-2016	F250-450	156" Wheelbase	center bearing support bracket	7C3Z-4831-G	Raises Center Bearing Height
2008-2016	F250-450	4x4	Spacer Block 4"	F81Z-5598-DA	
2008-2016	F250-450	4x4	Spacer Block 2"	7C3Z-5598-L	
2011-2016	F350/450	(DRW) 172" wheelbase 4x4	center bearing adapter bracket req. when d/s FC3Z-4R602-A used	8C3Z-4831-D	Mount the center bearing adapter bracket to cross member #3 (first cross member location closest to the rear axle).
2008-2016	F250-450	all with center bearing	center bearing shim (3 max/side)	8C3Z-4A209-A	Lowers Center Bearing Height. Up to three (3) shims per side may be placed under the support bracket. When refastening the carrier bracket, use bolt listed or a 7/16"-14 grade 5 bolt may be substituted providing that it extends at least three (3) threads past the nut. Torque bolt to 52 lb-ft (70 N-m) (9-20-05)
2010-2011	F150	4x4, 128" or 157" wheelbase	straight spring spacer	9L3Z-5598-B	
1980-1997	F150-F450	4x4	0 degree wedge	EOTZ-5A313-A	
2009-2016	F150	all with center bearing	Center Bearing Shim (3 max)	EOTZ-4A209-A	
2001-2015	E150	all	1.5 deg pinion wedge	1C2Z-5A313-AA	just wedge
2004-2014	F150	4x2 and 4x4	1 degree pinion wedge	4L3Z-5A313-AA	just wedge
2004-2014	F150	4x2 and 4x4	2 degree pinion wedge	4L3Z-5A313-BA	just wedge
2006-2016	F350	4x4	2 degree pinion wedge	5C3Z-5A313-A	

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2010-2011	F150	4x4, 128" or 157" wheelbase	angled spring spacer	BL3Z-5729-B	use arrows on part to determine orientation for wheelbase (11-9-17)
1980-2016	F250-450	all	2 degree pinion wedge	EOTZ-5A313-B	
1980-2016	F250-450	all	1 degree pinion wedge	EOTZ-5A313-C	
2017	F250-F450	DRW 2x4	1.5 degree wedge	HC3Z-5A313-A	