

PINION MATE & SIDE GEAR – NEW SPICER® SERVICE KIT RELEASE

PART NUMBER INFORMATION

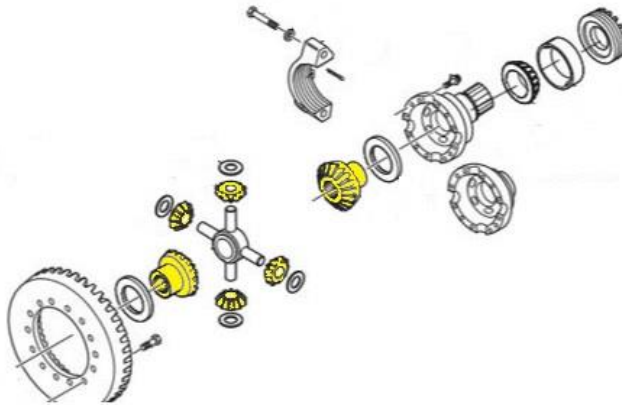
DATE: July 29, 2021

TO: All Dana Aftermarket Group Spicer® Heavy Axle Customers

Affected Models:

S110/130/140, DS/RS/DD/RD404, 17/19/21060S/D, DSP/RSP/DDP/RDP40, 23070S/D, 23080D/S/T, 23090D, 26080P/T, DP/DT/RT/SP/TP461(P)

In June 2021 for the models listed above, Dana changed the design of the pinion mate and side gear in all current production of drive axles. Changes were made to the beveled teeth.



Because of this gear design change, Spicer® side gears and pinion mate gears made before June 14, 2021 will NOT be interchangeable with the newly designed gears. When performing a service repair, it's important to identify when the drive axle was manufactured to insure you don't mismatch the two different gearing designs. The carrier serial number can be used to determine which gearing is installed. Spicer carriers with serial numbers numerically higher than HN08054145 were built on or after June 14, 2021. Use the chart on the following page to identify the proper service parts to complete your repair.

Important Note: If you need to replace one of the two gears on carrier assemblies manufactured before June 14, 2021 you must replace both gears with the new design. Mismatching gear designs will cause premature failures that will not be covered under Dana warranty. Because of this, new Spicer® service kits of the new parts are released and presented on pages two to four of this bulletin.



Individual Parts

Current Dana Part Number (Side Gear)*	Current Dana Part Number (Pinion Mate)*	NEW Dana Part Number (Side Gear)	NEW Dana Part Number (Pinion Mate)	Axle Model(s)
Mating set		Mating set		
127368	133761	10050029	10014706	DS/RS/DD/RDS404, 17/19/21060S/D
127368	133784	10050029	10042992	DSP/RSP/DSH/RSH/DDH/RDH40(P), P200060(D), 23060SH/DH, D/R155/156(D)(P)
127367	133761	10021095	10014706	DS/RS/DD/RDS404, 17/19/21060S/D S140
132807	133761	10021093	10014706	S130F/FR/S132
130522	133761	10021092	10014706	S110F/FR, S111/R/FR
118959	129420	2016629	2016630	23070T
	108142			23070S

* These items will be available while quantities last

New Service Kits

New Dana KIT Part Number	Component Part Number	Quantity/Kit	Axle Model(s)
505223	10014706	4	DS344, DS/RS/DD/RD404, 17/19/21/22060S/D
	10050029	2	
505224	10021095	2	S140, DS344, DS404, RS/RD404, 17/19/21/22060S/D
	10014706	4	
505225	10021093	2	S130F/FR/S132
	10014706	4	
505226	10021092	2	S110F/FR, S111/R/FR
	10014706	4	
505227	10042992	4	DSP/RSP/DSH/RSH/DDH/RDH40, 22060SH/DH, 23060SH/DH P20060(D), P22060(D), D/R155/156(D)(P)
	10050029	2	
505228	2016629	2	23070S/D, 23080D/S/T, 23090D, 26080P/T, DP/DT/RT/SP/TP461(P)
	2016630	4	

HD AXLE INFO



New Kits, with Bill of Materials

New KIT Part Number	New KIT BOM	Quantity/ Kit	Description	Axle Model(s)
10063923-1	10042992	4	PINION MATE	DSP/RSP/DSH/RSH/DDH/RDH40
	10050029	2	SIDE GEAR	
	127386	2	THRUST WASHER	
	129305	4	THRUST WASHER	
	130605	2	DOWEL PIN	
	134151	1	DIFFERENTIAL SHAFT	
	134152	2	DIFFERENTIAL SHAFT	
119393-1	083726	2	WASHER - THRUST	23070T/S
	108141	1	DIFFERENTIAL SHAFT	
	108145	4	THRUST WASHER	
	2016629	2	SIDE GEAR	
	2016630	4	PINION MATE	
121785-1	083726	2	WASHER - THRUST	23070T/S
	108141	1	DIFFERENTIAL SHAFT	
	108145	4	THRUST WASHER	
	2016629	2	SIDE GEAR	
	2016630	4	PINION MATE	
216229-1	10014706	4	PINION MATE	DS/RS/DD/RD404,17/19/21060S/D
	10050029	2	SIDE GEAR	
	127359	1	DIFFERENTIAL SHAFT	
	127386	2	THRUST WASHER	
	129305	4	THRUST WASHER	
217461-1	127359	1	DIFFERENTIAL SHAFT	DS/RS/DD/RD404,17/19/21060S/D
	127386	2	THRUST WASHER	
	129305	4	THRUST WASHER	
	10021095	2	SIDE GEAR	
	10014706	4	PINION MATE	
504003-1	10014706	2	PINION MATE	S111
	10021092	2	SIDE GEAR	
	127386	1	THRUST WASHER	
	129305	2	THRUST WASHER	
	130605	1	DOWEL PIN	
	132821	2	DOWEL PIN	
	133772	1	DIFFERENTIAL SHAFT	
504115-1	10014706	4	PINION MATE	S140
	10021095	2	SIDE GEAR	
	127386	1	THRUST WASHER	
	129305	4	THRUST WASHER	
	130605	2	DOWEL PIN	
	134151	1	DIFFERENTIAL SHAFT	
	134152	2	DIFFERENTIAL SHAFT	

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New KIT Part Number	New KIT BOM	Quantity/ Kit	Description	Axle Model(s)
510397-1	10042992	4	PINION MATE	DSP/RSP/DSH/RSH/DDH/RDH40
	10050029	2	SIDE GEAR	
	127386	2	THRUST WASHER	
	129305	4	THRUST WASHER	
	129599	1	DIFFERENTIAL SHAFT	
511861-1	10014706	2	PINION MATE	S110
	10021092	2	SIDE GEAR	
	127386	1	THRUST WASHER	
	129305	2	THRUST WASHER	
	130605	1	DOWEL PIN	
	133771	1	DIFFERENTIAL SHAFT	
514374-1	10014706	4	PINION MATE	S130
	10021093	2	SIDE GEAR	
	127386	1	THRUST WASHER	
	129305	4	THRUST WASHER	
	130605	2	DOWEL PIN	
	130767	1	DIFFERENTIAL SHAFT	
	130768	2	DIFFERENTIAL SHAFT	
	132821	2	DOWEL PIN	
842407-1	10042992	4	PINION MATE	23070T/S
	10050029	1	SIDE GEAR	
	2116114	1	SIDE GEAR	

If you need additional information, please contact your Dana Aftermarket representative.

Peter Hough

Product Manager
Spicer® Heavy Axle Products

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