



HAXL-PNI-079R3

PART NUMBER CHANGES AFFECTING FIRST GENERATION MODEL 170/190/590 CARRIERS

PART NUMBER INFORMATION

DATE: July 26, 2016 revised

TO: All Dana Aftermarket Group Spicer® Heavy Axle Customers

Dana Aftermarket Groups is announcing the discontinuation of threaded bearing cups and cones and the corresponding bearing kits for select axle model carriers and the introduction of 41 new kits to service the same select models

Affected Models: First Generation D/R/S170, D/R/S190, D/R/S590 made before June 10, 2013

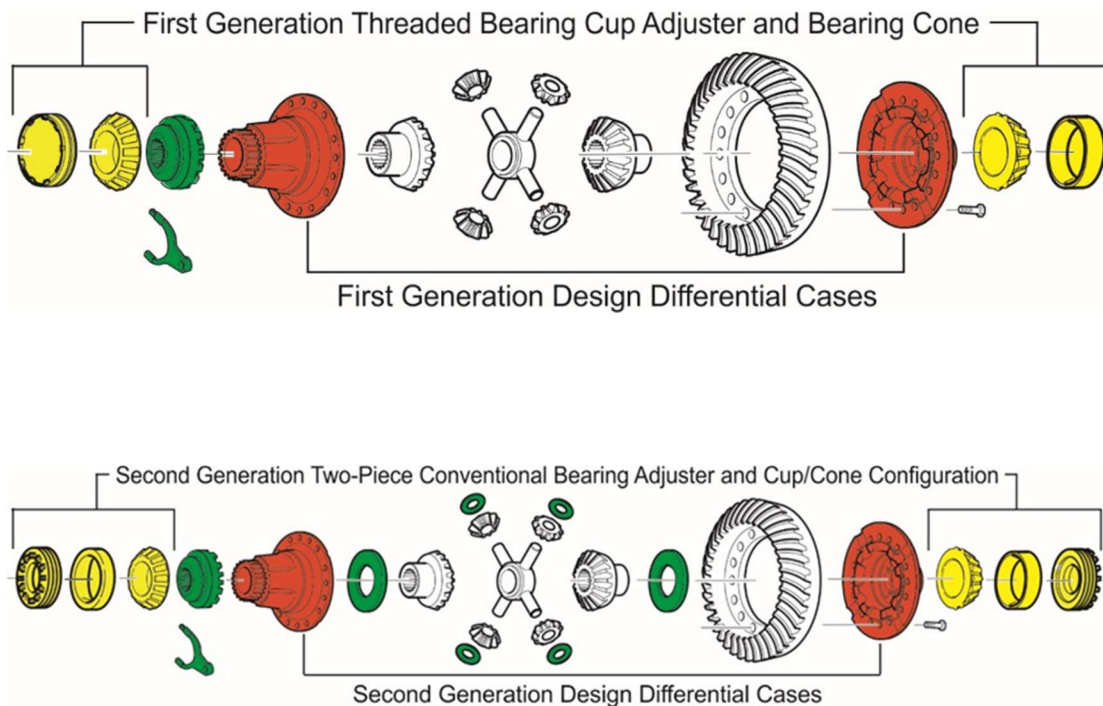
Threaded bearing cups and cones and kits that are discontinued are below:

Threaded Bearing Cup & Adjuster Assy.	Mated Bearing Cone	Bearing Kits	Model
131044	131041	504072	D590 , D590D
131048	131042	504073	S590, S590D, S190E, S190DE
		504074	S170E
		514011	D170D, S170DE
		514012	D190, D190D
		514013	S170, R170 269-391
		514014	S170, R170 410-717
		514015	S170D, R170D 269-391 and S190, R190 253-478
		514016	S190, S190D, R190, R190D 525-783
		514238	D170
		514240	S170D, R170D 410-717

Repairing First Generation D/R/S170, D/R/S190, D/R/S590 made before June 10, 2013, requires upgrading the diff bearings, adjusters and diff case components to those used in the current, second generation D/R/S170, D/R/S190, D/R/S590 carriers.

HD AXLE INFO

Upgrading older carriers to the more durable, and service-friendly three-piece adjuster-cup-cone eliminates the potential of failure of the welded on adjuster rings. When replacing the highlighted items (as shown below) you essentially have upgraded the carriers to the current production design



NOTE: The replacement parts included in all “Bearing Retrofit” kits or “Complete Diff Case & Bearing Retrofit” kits must be used together when retrofitting the carrier. Failure to replace any of the older design parts or install the required thrust washers to the wheel diff when rebuilding the carrier could lead to reassembly issues or a non-working carrier or premature carrier failure.

To support the repair and upgrade of first generation carriers, we are pleased to announce the release of 41 new COMPLETE kits that contain all necessary bearings, hardware, thrust washers, shift fork and clutches along with the proper diff cases to perform a complete rebuild.

Below is a listing of the new kits, their applications, and a typical bill of materials for your reference.



Complete Diff Case & Bearing Upgrade Kits

Spicer Part Number	Model	Ratio	Spicer Part Number	Model	Ratio
K170134	D170, D170P, S170E	3.07-3.21	K176140	D190, S190E	3.42-3.58, 5.25-5.57
K170135		3.42-3.73, 5.25-5.57	K176139		3.73
K170136		3.91-4.78, 6.14-7.17	K176141		3.91, 6.14
K171142	D170D, D170DP, S170DE	3.07-3.21	K176148	D190D, S190DE	4.10-4.78, 6.83-7.83
K171139		3.73	K177140		3.42-3.58, 5.25-5.57
K171140		3.42-3.58, 5.25-5.57	K177139		3.73
K171141		3.91, 6.14	K177141		3.91, 6.14
K171148		4.10-4.78, 6.83-7.17	K177148		4.10-4.78, 6.83-7.83
K172137	S170, S170R, S170NS,	3.07-3.21, 3.73,	K178142	S190, S190BC, S190NS, S190R, R190	2.53-3.07
K172135		3.42-3.58	K178143		3.21-3.42
K172136		3.91	K178140		3.58-3.91
K173136	R170, R170NS	4.10-5.57, 6.83-7.17	K178139		4.10
K173138		6.14	K178141		4.30
K174143	S170D, S170DR, R170D	3.07, 3.73	K178148		4.56-5.25
K174140		3.21-3.58	K179140		5.38
K174141		3.91	K179139		5.57-6.14
K175148		4.10-5.57, 6.83-7.17	K179148		6.83-7.83
K175139		6.14	K174142	S190D, S190DR, R190D	2.53-3.07
K176140	D590, D590D, S590, S590D, R590, R590D	4.75-4.99, 7.30-7.75	K174143		3.21-3.42
K176139		5.19	K174140		3.58-3.91
K176141		5.44, 8.55	K174139		4.10
K176148		5.70-6.65, 9.51-10.90	K174141		4.30
			K174148		4.56-4.78
			K180148		5.25
			K180140		5.38
			K180139		5.57-6.14
			K180148		6.83-7.83

Complete Diff Case & Bearing Upgrade Kit - Example Kit BOM: K170135

Part Number	Description	Qty
131333	V-Ring Seal	1
132440	Washer-Input Thrust	1
134323	Oil Seal	1
139968	Bearing Cone	1
139969	Bearing Cup	1
139971	Bearing Cone	1
139972	Bearing Cup	1
139973	Bearing Cone	1
139974	Bearing Cup	1
139975	Bearing Cone	1
139976	Bearing Cup	1
139992	Diff Bearing Adjuster-Plain & Flange Half	2
10035195	Bearing Cup-Diff Plain & Flange Half	2
140014	Bearing Cup-Diff Plain & Flange Half	2
HS108-1	Side Gear Thrust washers	2
300HS100-1	Side Pinion Thrust washers	4
139997	Diff Case-Flange Half	1
140003	Diff Case-Plain Half	1
131473	Capscrew -Diff Case	16
140028	Locking Clip-Straight	2
140027	Locking Clip-Bent	2
140029	Lock Spacers	4
10005790	Screw -Flange Head	4
107276S	Sealant RTV	1
SHAIS207	Information Sheet-RevB	1

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If you need additional assistance, please contact your Spicer® products representative or our tech service team at (877) 777-5360 (option 1).

Thank you for your continued support of Spicer® products

A handwritten signature in black ink that reads "Bernie Powers".

Bernie Powers
Product Manager
Spicer® Heavy Axle Products

Encl:

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