

Spicer® Drive Axles

SPICER®



Illustrated Parts List

Spicer Service Carriers

AXIP-0070

June 2016

Table of Contents

Introduction	2
What is a Service Carrier	2
Service Carrier Model	2
Abbreviations	2
Locating Model Designation Information	2
Explanation of Transition to Smart Numbers	3
Model Information	4
Single Drive Axle - Nomenclature	4
Tandem Drive Axle - Nomenclature	5
Warranty Information	6
Extended Service Carrier Warranty	
Warranty Returns	
Carrier Weights	7
Carrier to Axle Housing Fastener Hardware Kits	8
Current Axle Model Index	9
Obsolete Axle Model Index	18
New Carriers Single Axle - Single Reduction Carriers	21
New Carriers Single Axle - Two Speed Carriers	45
New Carriers Single Axle - Double Reduction Carriers	48
New Carriers Single Axle - High Entry Carriers	50
New Carriers Tandem Axle - Single Reduction Carriers	52
New Carriers Tandem Axle - Two Speed Carriers	78
New Carriers Tandem Axle - Double Reduction Carriers	81
Yokes & Flanges	85
Miscellaneous Information	94
Navistar Reverse Air	
Seasonal Engagement Kit for Two-Speed Axles	
IASS Models	
Hybrid Carrier Replacements	95

Introduction

A service carrier is a new differential carrier used to replace current models or upgrade older axle models to current model configurations. Yokes are not included unless otherwise noted.

Use this book to determine which service carrier to order. Some applications require a new yoke and slinger, details are included with model descriptions. Unique part numbers have been established for each new service carrier. Please use the new service carrier part numbers when ordering.

Effective July 1, 2004, Dana Spicer eliminated the core charges for all axle carriers.

Using this Book: Existing Axle Model to Replacement Carrier Model

All carriers are identified by axle model. Follow these steps to locate the appropriate service carrier for your existing axle model:

1. Find the axle model identification of your existing drive axle model as listed in the Axle Model Index.
2. Go to the page referenced and select the proper carrier.

Note: Be sure to pay close attention to the notes to prevent selecting the wrong part.

Using this Book: Yoke Selection

This book contains a section of Yoke Selection Instructions (see Table of Contents). This section is referred to throughout the book.

Abbreviations

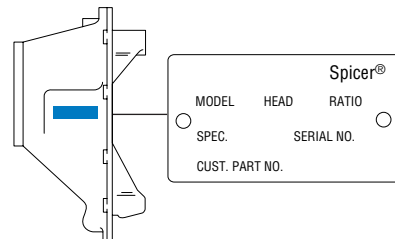
The following abbreviations may be found in this publication:

- Ang. - Angular
- BC - Bus/Coach Quiet Gearing
- CTD - Controlled Traction Differential
- H. - Hybrid
- IASS - In Axle Speed Sensor
- Inv. - Involute
- MML - Mack Mid Liner
- NA - Not Available
- NLA - No Longer Available through Service
- NS - No Spin Option
- PB - Parking Brake Option
- R/A - Reverse Air
- Str. - Straight
- TBD - To Be Determined

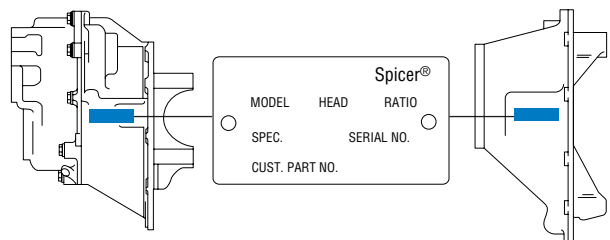
Locating Model Designation Information

- Axle Model Identification, Part number and/or serial number is located on the axle centerline. This information will help to locate information in this book and to identify the correct parts for servicing.

For the latest product additions and program details, visit us on the web at www.spicerparts.com.



Single Drive Axle



Tandem Drive Axle

Introduction

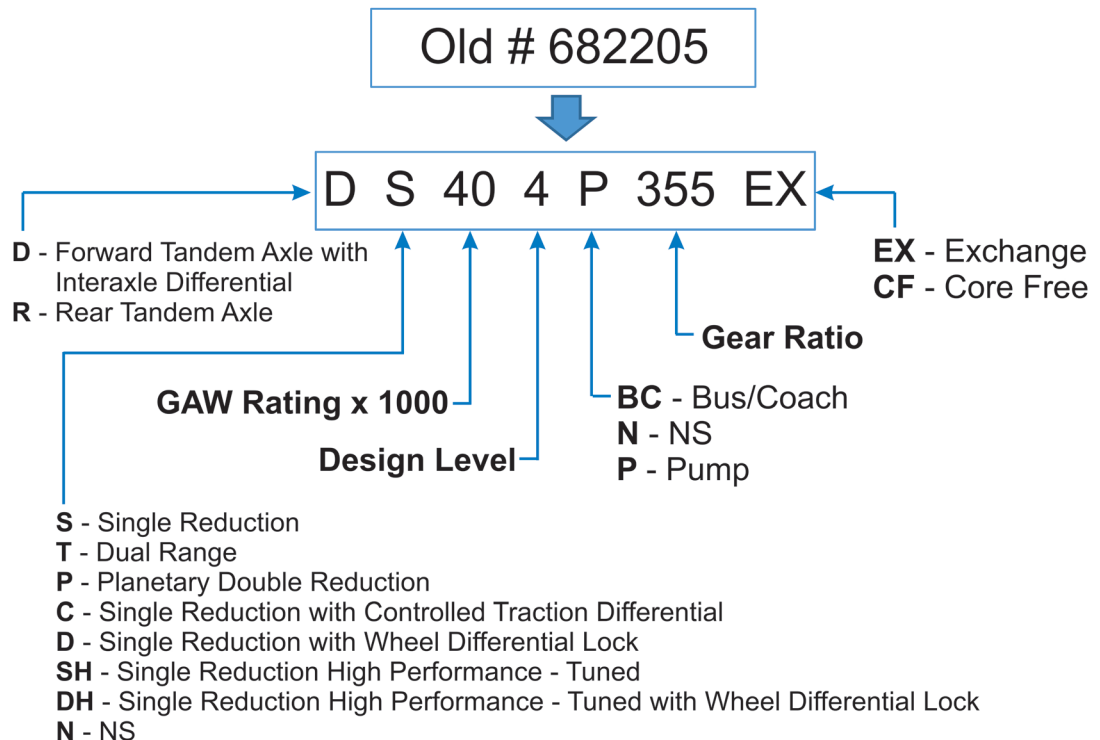
Beginning February 2, 2015, all Spicer® Heavy Axle service carriers transitioned to a smart part number system. In doing this customers will be able to easily identify the correct Spicer® part number to order by following a simple formula that includes axle model, any unique carrier options and gear ratio.(see chart below).

In conjunction with the above described change, Dana launched a CORE RETURN program for the most popular Spicer® axle models. An easy to identify suffix was added to all part numbers to support this change:

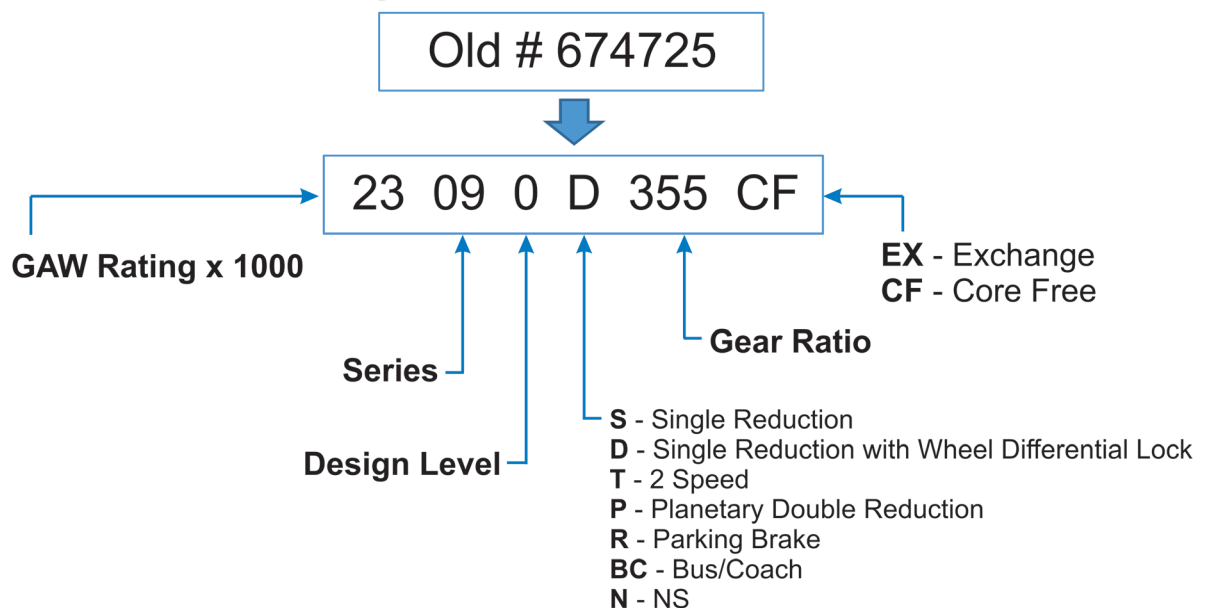
CF for core free – these carriers when purchased do not require the core to be returned to Dana.

EX for core exchange – these carriers when purchased, require a core to be returned back to Dana to get core deposit credit. Refer to the Spicer® Core Program Guide for further details.

Tandem Drive Axle Example



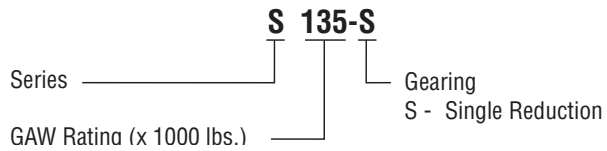
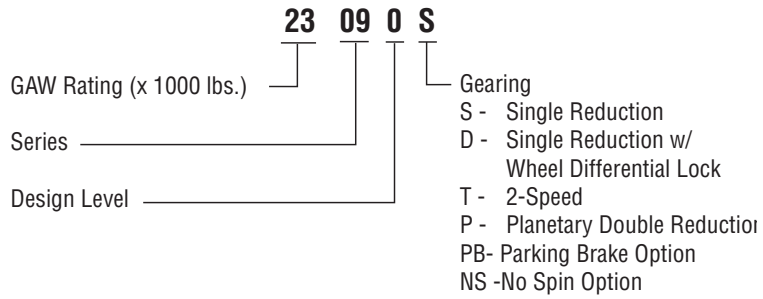
Single Drive Axle Example



Introduction

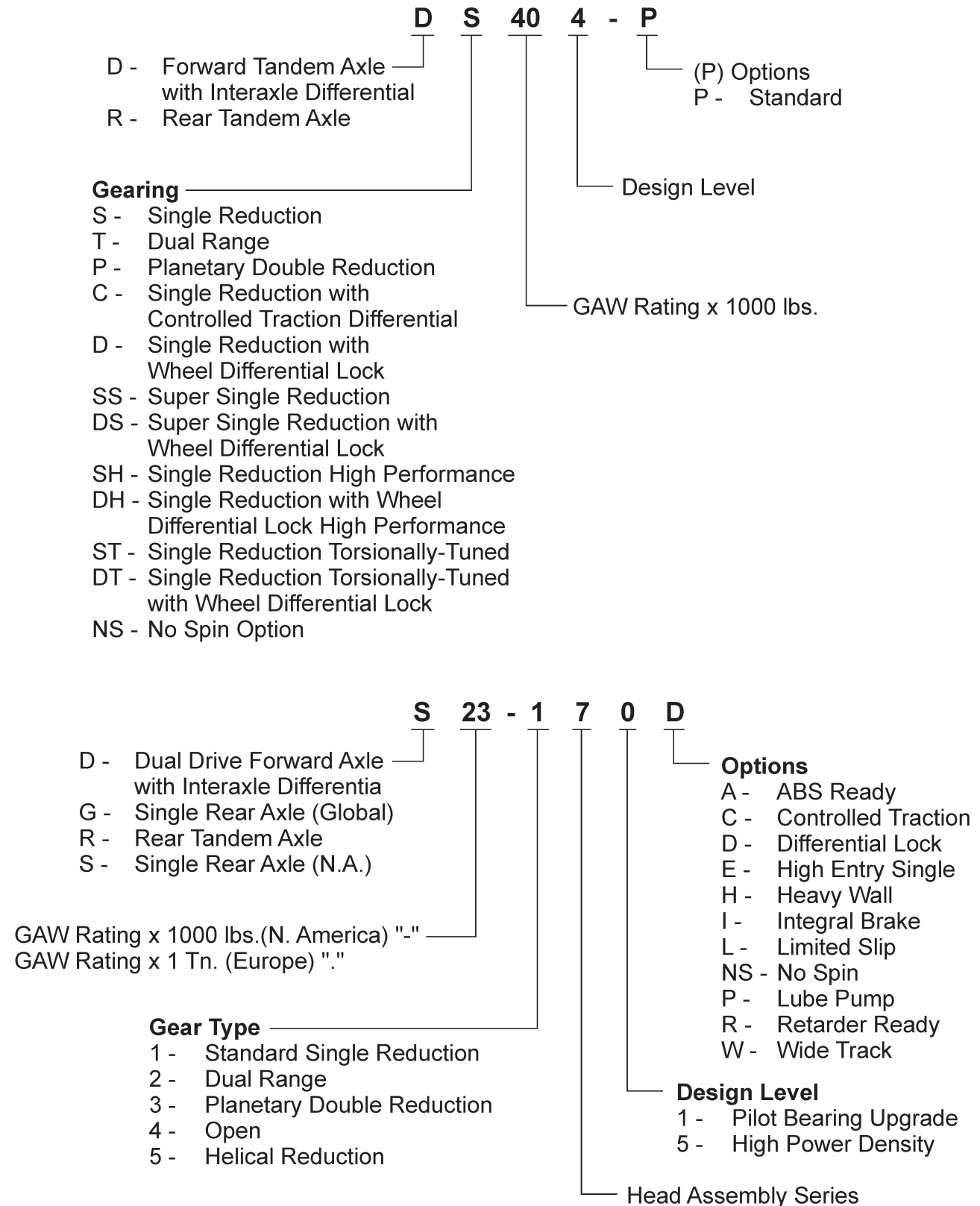
Model Information

Single Drive Axle - Nomenclature



Model Information

Tandem Drive Axle - Nomenclature



Introduction

Warranty Information - Service Carriers

Warranty on Service Carriers can be extended by 12 months when a new Dana Genuine Service Carrier is purchased, installed and Spicer™ FE75W-90 Fuel Efficient Synthetic Gear lube is used to fill the drive axle. Spicer lube part numbers are shown below. Contact your nearest distributor.

Application*	Standard Warranty Period	Extended Warranty Period Using Spicer FE75W-90	Improved Warranty Period
Spicer® Service Carriers	24 months, unlimited mileage	36 months, unlimited mileage	Additional 12 months, unlimited mileage
*Linehaul (on-highway), heavy duty, and medium duty service axles			

Vehicle Owners must register to receive the extended warranty.

Proof of purchase along with new carrier serial number and vehicle information is required.

Spicer® FE 75W-90 Fuel Efficient Synthetic Gear lubricant.

Spicer® Part Number	Description
FE75W90-G	1 gallon jug
FE75W90-P	5 gallon pail
FE75W90-D	55 gallon drum

Spicer® Part Number	Description
80W140-G	1 gallon jug
80W140-P	5 gallon pail
80W140-D	55 gallon drum

Spicer® Part Number	Description
XFE75W90-G	1 gallon jug
XFE75W90-P	5 gallon pail
XFE75W90-D	55 gallon drum

Go to www.spicerparts.com/lubricants/oil for full product specifications, OEM approvals, lubricant characteristics, copy of the MSDS sheet and to use our Fuel Savings Calculator to quantify the 1% fuel savings!

Warranty Returns - Service Carriers

Dealers are to call Penske Logistics (telephone 855-456-3867 Press Option 0), identify that the return is for Dana Drive Axle. Penske will then arrange for material pickup.

U.S. warranty returns ship to:	Dana Holding Corporation AMC Commercial Vehicle Drive Axle Warranty Return Center 6515 Maumee Western Rd Maumee, OH 43537
Canadian warranty returns ship to:	Dana Corp c/o Axiom Warehousing 165 Orenda Road West Brampton, Ontario L6W 1W3

A copy of the warranty claim must be included with the material returned.

Carrier Weights

Axle Model	Weight (lbs.)	Weight (kg.)
SINGLE CARRIER		
15040S	183	83
17060S, 19060S, 21060S, 22060S	300	136
17060D, 19060D, 21060D, 22060D	300	136
17060L, 19060L, 21060L, 22060L	300	136
17130	300	136
19050S	230	104
22060SH, 23060SH	300	136
23080S, 23085S, 23090S, 26090S	465	211
23080D, 23090D, 26090D	475	215
23130, 23137, 23140	400	181
23430, 23437	500	227
S110, S110FR, S111	200	91
S110L, S110FLR, S111L	225	102
S130, S132	190	86
S130L, S130FLR	200	91
S135L, S150L	265	120
S135S, S135SNS, S150S, S150SNS	250	113
S140	220	100
S170, S170NS	460	209
S190, S190NS	475	215
S170D	475	215
S190D	485	220
TANDEM CARRIERS-FORWARD CARRIER		
DS341, DS402, DS403	450	204
DS341P, DS402P, DS451P	475	215
DC402	525	238
DC402P, 451P	550	249
D145S, D145X	450	204
DS344, 404, 405	450	204
DL344	450	204
DS404P, DS405P	475	215
DST40, DST41	450	204
DSP40, DSP41	450	204
DSP40P, DSP40PNS, DSP41P	475	215
DD404, DDP40	475	215
DD404P, DDP40P	500	227
DSH40, DSH44	450	204
DSH40P, DSH44P	475	215
DDH40, DDH44	475	215
DDH40P, DDH44P	500	227
DS461P, DSS40P, DS462P	700	318
DSS40	700	318
DS4636P	700	318
DC461P	775	351
DD461, DDS40	725	329
DD461P, DDS40P	750	340
D155, D155P, D155D, D155DP	475	215
D156, D156P, D156D, D156DP	500	227

Axle Model	Weight (lbs.)	Weight (kg.)
D170, 170P	635	288
D170D, D170DP	645	293
D190, D190D	685	311
TANDEM CARRIERS-REAR-REAR CARRIER		
RST40, RST41	300	136
RS341, 402, 451	300	136
RC402, RC451	400	181
R145S	220	100
RS344, RS404, RS405	300	136
RD344, RD404	300	136
RSP40, RSP41	300	136
RDP40, RDP41	300	136
RSH40, RSH44	300	136
RDH40, RDH44	300	136
RS461, RSS40	400	181
RS461 NS	425	193
RD461, RDS40	490	222
RC461, RC462, RC463	500	227
R155, R156	300	136
R155D, R156D	300	136
R170	460	209
R170D	475	215
R190	475	215
R190D	485	220

TWO-SPEED & DOUBLE REDUCTION CARRIERS

19055T, 21065T	400	181
19060T, 21060T, 22060T	400	181
23080T/P, 26080T/P, 23082T/P	500	227
DT341, DT402, DT451	550	249
RT341, RT402, RT451	400	181
DP341, DP402, DP451	550	249
DP402P, DP451P	550	249
RP402, RP451	400	181
DT461P, DT462P, DT463P	775	351
RT461, RT462, RT463	500	227
RT461NS, RT462NS	510	231
DP461P, DP462P, DP463P	775	351
RP461, RP462, RP463	500	227
D590, R590, S590	675	306
D590D, R590D, S590D	685	311

HIGH-ENTRY CARRIERS

S170E-HIGH ENTRY	635	288
S190E-HIGH ENTRY	675	306
S190DE-HIGH ENTRY	685	311

Note: Weights listed are nominal.

Hardware Kits

Carrier to Axle Housing Fastener Hardware Kits

Axle housing hardware kits contain parts used to fasten the carrier to the axle housing or bolt-on axle housing covers to the axle housing. Below is a listing of our most commonly used kits.

Base Model	Other Models	Kit Number	Description	Notes
23105	23105S/D/A 26105S/D/A 30105S/D/A	512097	Axle Hsg Hardware Kit	For original thin flange carriers, with boss bracket
		512686	Axle Hsg Hardware Kit	For current thick flange carriers
23090	21080S/D, 21090S/D 23080S/D, 23090S/D 26080S/D, 26090S/D	514299	Axle Hsg Hardware Kit - Capscrews	
404	D145S, D145X, D/ R344, D/R404 D/ R405, D/R454 DSP40, DSP41 RSP40, RSP41 DST40, DST41 DSH40, DSH44 RSH40, RSH44, DDH40, 17060S/D/A 19060S/D/A 21060S/D/A 22060S/D/A	512087	Axle Hsg Hardware Kit	Thick flange carriers, See Note 1
		511600	Axle Hsg Hardware Kit	Thin flange carriers, See Note 1
110 & 130	S110, S130	514120	Axle Hsg Hardware Kit	
RST40	RST40, RST41	514259	Axle Hsg Hardware Kit - Studs	For Carriers built prior to May 2005 (English threads)
		514260	Axle Hsg Hardware Kit - Capscrews	For Carriers built after May 2005 (Metric threads)
462 & 463	D461, D462, D463 D521 D581, D601	511372	Axle Hsg Hardware Kit - Capscrews	Forward Axles
		511374	Axle Hsg Hardware Kit - Studs	Forward Axles
	R461, R462, R463 R521 R581, R601	511373	Axle Hsg Hardware Kit - Capscrews	Rear Axles
		511375	Axle Hsg Hardware Kit - Studs	Rear Axles
	D461, D462, D463 D521, D581, D601 D651	511376	D-Hsg Cover Hardware Kit	Forward Axles
170 & 190	D170, D190, S170E, S190E, DS90, S590	512896	Axle Hsg Hardware Kit	Forward Axle
	R170, R190, S170, S190	512897	Axle Hsg Hardware Kit	Rear Axle
	D190, S190	513351	Axle Hsg Cover Hardware Kit	Used with Bolt-on covers
155 & 156	D155, D156	504301	Axle Hsg Hardware Kit	
	R155, R156	504302	Axle Hsg Hardware Kit	
Pro 40	S140, R40-155	504113	Axle Hsg Hardware Kit	

Note 1: 19060 & 21060 carriers are made with thin flange carriers in single axle applications. Identify the carrier before ordering the hardware kit. Refer to Dana bulletin abib-0210r1 for carrier identification information

Current Axle Model Index

Model Reference	Dana Model	Service Carrier Model	Design Feature	Pg
40 - DSH/RSH	DSH40	DSH40	High Performance-40	61
	DSH40P	DSH40P		61
	DSH44	DSP40		61
	DSH44P	DSP40P		61
	DDH40	DDH40		61
	DDH40P	DDH40P		61
	DDH44	DDP40		66
	DDH44P	DDP40P		66
	RSH40	RSH40		62
	RSH40 NS	RSH40 NS		62
	RDH40	RDP40		67
	RSH44	RSP40		65
	RDH44	RDP40		67
40 - DSP/RSP	DSP40	DSP40	Premium-40	61
	DSP40P	DSP40P		61
	DSP40 NS	DSP40 NS		64
	DSP41	DSP40		61
	DSP41P	DSP40P		61
	RSP40	RSP40		65
	RSP40 NS	RSP40 NS		65
	RSP41	RSP40		65
	DDP40	DDP40		66
	DDP40P	DDP40P		66
	RDP40	RDP40		67
40 - DSS/RSS	DSS40	DSS40P	Super-40 (Early Models)	69
	DSS40P	DSS40P		69
	RSS40	RSS40		69
	DDS40	DD461P		70
	DDS41P	DD461P		70
	RDS40	RD461		70
40 - DST/RST	DST40	DS404	Torsionally Tuned	58
	DST40P	DS404P		58
	DST41	DS404		58
	DST41P	DS404P		58
	DDT40	DD404		58
	DDT40P	DD404P		58
	DDT41	DD404		58
	DDT41P	DD404P		58
	RST40	RST40		68
	RST40 NS	RST40 NS		68
	RST40 RH	RST40 RH		68
	RST41	RST40		68

Current Axle Model Index

Model Reference	Dana Model	Service Carrier Model	Design Feature	Pg
44 - DSH/RSH	DSH44	DSP40	High Performance-40	61
	DSH44P	DSP40P		58
	RSH44	RSP40		65
	DDH44	DDP40		66
	DDH44P	DSP40P		61
	RDH44	RDP40		67
110	S110	S110	Standard	21
	S110FR	S110FR	Flipped Over/Retarder	22
	S110FLR	S110FLR	Flipped Over/ Retarder/ Limited Slip	22
	S110L	S110L	Limited Slip	22
111	S111	S111	Standard - Carrier w/ Flange	23
	S111L	S111L	Limited Slip - Carrier w/ Flange	23
130	S130	S130	Standard	23
	S130FR	S130FR	Flipped Over/Retarder	23
	S130L	S130L	Limited Slip	24
	S130FLR	S130FLR	Flipped Over/ Retarder/ Limited Slip	24
132	S132	S132	Standard	24
135	S135S	S150S	Standard	25
	S135S NS	S150S NS	No Spin	25
	S135S PB	S150S PB	Parking Brake	25
140	S140	S140	Standard	26
145	D145S	DS404	Pro-40	58
	D145X	D145X		63
	R145S	R145S		63
150	S150S	S150S	Standard	25
	S150S PB	S150S PB	Parking Brake	25
155	D155	D155	AdvanTEK™	52
	D155P	D155P		52
	D155D	D155D		52
	D155DP	D155DP		52
	R155	R155		54
	R155D	R155D		54
156	D156	D156	AdvanTEK™	53
	D156P	D156P		53
	D156D	D156D		53
	D156DP	D156DP		53
	R156	R156		54
	R156D	R156D		54

Current Axle Model Index

Model Reference	Dana Model	Service Carrier Model	Design Feature	Pg
170	D170	D170	Standard	71
	D170P	D170P	Lube Pump	72
	R170	S170	Standard	72
	D170D	D170D	Diff-Lock	73
	D170DP	D170DP	Diff-Lock / Lube Pump	74
	R170D	S170D	Diff-Lock	74
	S170	S170	Standard	72
	S170FO BC	S170FO BC	Flip Over/Bus Coach-GenTech Gearing	41
	S170NS	S170NS	No Spin	73
	S170D	S170D	Diff-Lock	74
	S170R	S170R	Brake Retarder	41
	S170DR	S170DR	Diff lock/Brake Retarder	42
	S170D BC	S170D BC	Diff lock/Bus Coach-GenTech Gearing	42
	S170E	S170E	High Entry	50
	S170DE	S170DE	High Entry Diff-Lock	50
171	G171	G171	Dennis Bus Axles	38
190	D190	D190	Standard	75
	R190	S190		75
	D190D	D190D	Diff-Lock	76
	R190D	S190D		77
	S190	S190	Standard	76
	S190NS	S190NS	No Spin	76
	S190D	S190D	Diff-Lock	77
	S190R	S190R	Brake Retarder	44
	S190DR	S190DR	Diff lock/Brake Retarder	44
	S190E	S190E	High Entry	51
	S190DE	S190DE	High Entry Diff-Lock	51
341	DS341	DS341	Standard	54
	RS341	RS341		54
	RT341	RT341	Two-Speed	78
344	DS344	DS344	Standard	57
	RS344	RS344		57
381	DS381	DS402	Standard	55
	DS381P	DS402P	Lube Pump	55
	RS381	RS402	Standard	55
	DT381	DT402	Two-Speed	78
	RT381	RT402		79
	DP381	DP402	Planetary Reduction	81
	RP381	RT402 plus Kit*	Convert to a Planetary by using 2-speed carrier plus 122680 kit*	81
401	DS401P	DS451P	Lube Pump	56
	RS401	RS451	Standard	56

Current Axle Model Index

Model Reference	Dana Model	Service Carrier Model	Design Feature	Pg
402	DS402	DS402	Standard	55
	DS402P	DS402P	Lube Pump	55
	RS402	RS402	Standard	55
	DT402	DT402	Two-Speed	78
	DT402P	DT402P	Two-Speed/Lube Pump	78
	RT402	RT402	Two-Speed	79
	DP402	DP402	Planetary Reduction	81
	DP402P	DP402P	Planetary Reduction/Lube Pump	81
	RP402*	RT402 plus Kit*	Convert to a Plantary by using 2-speed carrier plus 122680 kit*	81
403	DS403	DS402	Standard	55
	DS403P	DS402P	Lube Pump	55
	RS403	RS402	Standard	55
	DT403	DT402	Two-Speed	78
	RT403	RT402		79
	DP403	DP402	Planetary Reduction	81
	DP403P	DP402P	Planetary Reduction/Lube Pump	81
	RP403*	RT402 plus Kit*	Convert to a Plantary by using 2-speed carrier plus 122680 kit*	81
404	DS404	DS404	Standard	58
	DS404P	DS404P	Lube Pump	58
	RS404	RS404	Standard	59
	RS404 NS	RS404 NS	No Spin	59
	DD404	DD404	Diff-Lock	60
	DD404P	DD404P	Diff-Lock/Lube Pump	60
	RD404	RD404	Diff-Lock	61
405	DS405	DS404	Standard	58
	DS405P	DS404P	Lube Pump	58
	RS405	RS404	Standard	59
	DD405	DD404	Diff-Lock	60
	DD405P	DD404P	Diff-Lock/Lube Pump	60
	RD405	RD404	Diff-Lock	61
451	DS451P	DS451P	Lube Pump	56
	RS451	RS451	Standard	56
	DT451P	DT402P	Lube Pump	78
	RT451	RS402	Two-Speed	55
	DP451P	DP402P	Planetary Reduction	81
	RP451	RT402 plus Kit*	Convert to a Plantary by using 2-speed carrier plus 122680 kit*	81
454	DS454P	DSH40P or DSP40P	Lube Pump	61/64
	RS454	RSH40 or RSP40	Standard	62/65
	DD454P	DDH40P or DDP40P	Lube Pump	62/66
	RD454	RDH40 or RDP40	Diff-Lock	63/67

Current Axle Model Index

Model Reference	Dana Model	Service Carrier Model	Design Feature	Pg
461	DS461P	DS461P	Lube Pump	69
	RS461	RS461	Standard	69
	RS461 NS	RS461 NS	No Spin	70
	DC461P	DC461P	Control Traction / Lube Pump	70
	RC461	RC461	Control Traction	71
	DD461P	DD461P	Diff-Lock / Lube Pump	70
	RD461	RD461	Diff-Lock	70
	DT461P	DT461P	Two-Speed / Lube Pump	80
	DT461P NS	DT461P NS	Two-Speed / Lube Pump & No Spin	80
	RT461	RT461	Two-Speed	80
	RT461 NS	RT461 NS	Two-Speed / No Spin	80
	DP461P	DP461P	Planetary Reduction / Lube Pump	81
	DP461P NS	DP461P NS	Planetary Reduction / Lube Pump & No Spin	82
	RP461	RP461	Planetary Reduction	82
	RP461 NS	RP461 NS	Planetary Reduction/No Spin	82
462	DS462P	DS461P	Lube Pump	69
	RS462	RS461	Standard	69
	DC462P	DC461P	Lube Pump	70
	RC462	RC461	Control Traction	71
	DD462P	DD461P	Lube Pump	70
	RD462	RD461	Diff-Lock	70
	DT462P	DT461P	Two-Speed / Lube Pump	80
	RT462	RT461	Two-Speed	80
	DP462P	DP461P	Planetary Reduction / Lube Pump	81
	RP462	RP461	Planetary Reduction	82
	RP462 NS	RP461 NS	Planetary Reduction/No Spin	82
463	DS463 P	DS461P	Lube Pump	69
	RS463	RS461	Standard	69
	DD463P	DD461P	Diff-Lock / Lube Pump	70
	RD463	RD461	Diff-Lock	70
	DT463P	DT461P	Two-Speed / Lube Pump	80
	RT463	RT461	Two-Speed	80
	DP463P	DP461P	Planetary Reduction / Lube Pump	81
	RP463	RP461	Planetary Reduction	82
	RP463 NS	RP461 NS	Planetary Reduction/No Spin	82

Current Axle Model Index

Model Reference	Dana Model	Service Carrier Model	Design Feature	Pg
521	DS521P	DS461P	Lube Pump	69
	RS521	RS461	Standard	69
	DC521P	DC461P	Control Traction / Lube Pump	70
	RC521	RC461	Control Traction	71
	DD521P	DD461P	Diff-Lock / Lube Pump	70
	RD521	RD461	Diff-Lock	70
	DT521P	DT461P	Two-Speed / Lube Pump	80
	RT521	RT461	Two-Speed	80
	DP521P	DP461P	Planetary Reduction / Lube Pump	81
	RP521	RP461	Planetary Reduction	82
581	DS581P	DS461P	Lube Pump	69
	RS581	RS461	Standard	69
	DD581P	DD461P	Diff-Lock / Lube Pump	70
	RD581	RD461	Diff-Lock	70
590	D590	D590	Double Reduction	83
	S590	S590		48
	R590	S590		48
	D590D	D590D	Double Reduction/Diff-Lock	84
	S590D	S590D		49
	R590D	S590D		49
601	DP601P	DP461P	Planetary Reduction	81
	RP601	RP461		82
651	DP651P	DP461P	Planetary Reduction	81
	RP651	RP461		82
652	DP652P	DP461P	Planetary Reduction	81
	RP652	RP461		82
4616	DS4616P	DS4636P	6x6 Carriers	71
	DD4616P	DD4636P		71
4636	DS4636P	DS4636P		71
	DD4636P	DD4636P		71
15040	15040S	15040S	Standard	21
17060	17060S	19060S	Standard	27
	17060D	19060D	Diff-Lock	29
17130	17130	RS341	Standard	54
19050	19050S	19050S	Standard	26
19055	19055T	19055T	Two-Speed	46
	19055T PB	19055T PB	Two-Speed/Parking Brake	46
	19055T NS	19055T NS	Two-Speed/No Spin	46
	19055T NS PB	19055T NS PB	Two-Speed/No Spin/Parking Brake	46

Current Axle Model Index

Model Reference	Dana Model	Service Carrier Model	Design Feature	Pg
19060	19060S	19060S	Standard	27
	19060S PB	19060S PB	Parking Brake	28
	19060S BC	19060S BC	Bus Coach/GenTech Gearing	27
	19060S BC PB	19060S BC PB	Bus Coach/GenTech Gearing & Parking Brake	28
	19060S NS	19060S NS	No Spin	30
	19060S BC NS	19060S BC NS	Bus Coach/GenTech Gearing & No Spin	30
	19060S NS PB	19060S NS PB	No Spin/Parking Brake	30
	19060D	19060D	Diff-Lock	29
	19060D PB	19060D PB	Diff Lock/Parking Brake	29
	19060T	RT341	Two-Speed	78
20060	P20060S	RSP40	Premium-40	65
	P20060D	RDP40		67
	P20060R	P20060R		31
	P20060DR	P20060DR		36
21060	21060S	RS404	Standard	59
	21060S PB	21060S PB	Parking Brake	31
	21060S BC	21060S BC	Bus Coach-GenTech Gearing	33
	21060S NS	21060S NS	No Spin	30
	21060D	21060D	Diff Lock	32
	21060D PB	21060D PB	Diff Lock/Parking Brake	32
	P21060S	RSP40	Premium-40	65
	P21060D	RDP40	Premium-40/Diff Lock	67
	21060T	RT402	Two-Speed	79
21065	21065T	21065T	Two-Speed	47
	21065T NS	21065T NS	Two-Speed/No Spin	47
21080	21080S	23080S	Standard	37
	21080D	23080D	Diff-Lock	37
21090	21090S	23080S	Standard	37
	21090D	23080D	Diff-Lock	37
22060	22060S	RS404	Standard	59
	22060S PB	21060S PB	Parking Brake	31
	22060D	RD404	Diff-Lock	61
	P22060S	RSP40	Premium-40	65
	P22060D	RDP40	Premium-40/Diff Lock	67
	22060SH	RSH40	High Performance-40	62
	22060SH BC	22060SH BC	High Performance-40/Bus Coach-GenTech Gearing	34
	22060SH NS	22060SH NS	High Performance-40/No Spin	34
	22060T	RT402	Two-Speed	79
22065	22065T	21065T	Two-Speed	47
23060	23060SH BC	23060SH BC	High Performance-40/Bus Coach-GenTech Gearing	34
	23060SH	RSH40	High Performance-40	62

Current Axle Model Index

Model Reference	Dana Model	Service Carrier Model	Design Feature	Pg
23080	23080S	23080S	Standard	37
	23080S	11.36	Van Hool-Bus Axles	37
	23080D	23080D	Diff-Lock	37
	23080P	23080P	Planetary Reduction	48
	23080P NS	23080P NS	Planetary Reduction/No Spin	48
	23080T	23080T	Two-Speed	47
	23080T NS	23080T NS	Two-Speed/No Spin	47
23082	23082T	RT461	Two-Speed	80
	23082P	RP461	Planetary Reduction	82
23085	23085S	23080S	Standard	37
	23085D	23080D	Diff-Lock	48
	23085T	23080T	Two-Speed	47
23090	23090S	23080S	Standard	37
	23090S NS	23090S NS	No Spin	37
	23090D	23090D	Diff-Lock	37
23105-nla	23105S	23105S	Standard-Discontinued Oct 2013	-
	23105D	23105D	Diff Lock-Discontinued Oct 2013	-
23130	23130	RS461	Standard	69
	23130 RH	23130 RH	RH Spiral	38
23137	23137	23137	Standard	38
	23137 RH	23137 RH	RH Spiral	38
23141	23141	RS461	Standard	69
23420	23420	23430	Control Traction	39
23427	23427	23437	Control Traction	39
23430	23430	23430	Control Traction	39
	23430RH	23430RH	Control Traction/RH Spiral	39
23437	23437	23437	Control Traction	39
	23437 RH	23437 RH	Control Traction/RH Spiral	39
26080	26080S	23080S	Standard	37
	26080D	23080D	Diff-Lock	37
	26080T	23080T	Two-Speed	47
	26080P	23080P	Planetary Reduction	48
26085	26085S	23080S	Standard	37
	26085D	23080D	Diff-Lock	37
	26085P	23080P	Planetary Reduction	48
26090	26090S	23080S	Standard	37
	26090D	23080D	Diff-Lock	37
26105-nla	26105S	23105S	Standard-Discontinued Oct 2013	-
	26105D	23105D	Diff Lock-Discontinued Oct 2013	-
26420	26420	RC461	Control Traction	71
30105-nla	30105S	23105S	Standard-Discontinued Oct 2013	-
	30105D	23105D	Diff Lock-Discontinued Oct 2013	-

Current Axle Model Index

Model Reference	Dana Model	Service Carrier Model	Design Feature	Pg
30427	30427	RC461	Control Traction	71
35055	35055P	23080P	Planetary Reduction / Lube Pump	48

Obsolete Axle Model Index

Dana Model	Replaced By	Notes	Pg
1910	RS461HB	Hybrid Note D	--
2010	RS461HB	Hybrid Note D	--
7800	RT341HB	See Note A	--
8800	RT402HB	See Note A	--
13100	None		--
13107	None		--
13802	None		--
15040T	None		--
15100	None		--
15103	None		--
15107	None		--
15130	None		--
15199	None		--
15200	None		--
16120	None		--
16220	None		--
16244	None		--
16247 MML	None		--
16600	None		--
16802	None		--
17100	RS341HB	See Note A	--
17120	RS341HB	See Note A	--
17200	RT341	See Note A	--
17202	None		--
17207	RT451HB	See Note A	--
17220	RT341HB	See Note A	--
17420	None		--
17800	RT341HB	See Note A	--
17810	RT341HB	See Note A	--
18100	RS402HB	See Note A	--
18120	RS402HB	See Note A	--
18127 MML	None		--
18200	RT402HB	See Note A	--
18202	None		--
18207 MML	RT451HB	See Note A	--
18220	RT402	See Note A	--
18227 MML	RT451HB	See Note A	--
18800	RT402HB	See Note A	--
19050P	None		--
19050T	None		--
19050T MML	None	See Note E	--
19055D	None		--
19055S	None		--

Dana Model	Replaced By	Notes	Pg
19100	RS461HB	Hybrid Note D	--
19120	RS461HB	Hybrid Note D	--
19202	None		--
19220	RT461	Hybrid Note D	--
19320	RP461	Hybrid Note D	--
19420	RC461	Hybrid Note D	--
21065D	None		--
21065S	None		--
21120	None		--
21127 MML	None		--
21130	None		--
21227 MML	None		--
21430	None		--
22065D	None		--
22065S	None		--
22065T MML	None		--
22120	None		--
22127 MML	None		--
22130	None		--
22220	RT402HB	See Note A	--
22227 MML	RT451HB	See Note A	--
22421	None		--
23070D	23090D	plus yoke	35
23070S	23090S	plus yoke	35
23070T	None		--
23105A	None		--
23105D	None		--
23105S	None		--
23120	RS461HB	Hybrid Note D	--
23127	None		--
23202	None		--
23220	RT461HB	Hybrid Note D	--
23320	RP461HB	Hybrid Note D	--
23327	RP461HB	Hybrid Note D	--
26120	RS461HB	Hybrid Note D	--
26220	RT461HB	Hybrid Note D	--
26320	RP461HB	Hybrid Note D	--
26085T	RT461 HB	Hybrid Note D	--
34DS	DS341HB	See Note A	--
34DT	DT402	See Note A	--
34RS	RS341HB	See Note A	--
34RT	RT341	See Note A	--
38DP	DP402	See Note A	--

Obsolete Axle Model Index

Dana Model	Replaced By	Notes	Pg
38DS	DS402HB	See Note A	--
38DT	DT402	See Note A	--
38RP	RT402	See Note A	--
38RS	RS402HB	See Note A	--
38RT	RT402	See Note A	--
44DP	DP461P HB	Hybrid Note D	--
44DS	DS461P HB	Hybrid Note D	--
44DSM	DC461P HB	Hybrid Note D	--
44DT	DT461P HB	Hybrid Note D	--
44RP	RP461HB	Hybrid Note D	--
44RS	RS461HB	Hybrid Note D	--
44RSM	RC461HB	Hybrid Note D	--
44RT	RT461HB	Hybrid Note D	--
DA344	None		--
DA402	None		--
DA404(P)	None		--
DA405(P)	None		--
DC381(P)	None		--
DC401P	None		--
DC402(P)	None		--
DC451P	None		--
DC480P	DC461P HB	Hybrid Note D	--
DP380	DP402	See Note A	--
DP400P	DP402P	See Note A	--
DP400P	DP402P	See Note A	--
DP400P	DP402P	See Note A	--
DP401P	DP402P	See Note A	--
DP440P	DP461P HB	Hybrid Note D	--
DP451P	DP402P	See Note A	--
DP460P	DP461P HB	Hybrid Note D	--
DP480P	DP461P HB	Hybrid Note D	--
DP580P	DP461P HB	Hybrid Note D	--
DP650P	DP461P HB	Hybrid Note D	--
DS340	DS341	See Note A	--
DS341R/A	None		--
DS380(P)	DS402(P)	See Note A	--
DS381(P)	DS402(P)HB	See Note A	--
DS400P	DS402P	See Note A	--
DS401P	DS402HB	See Note A	--
DS402(P)R/A	None		--
DS404(P)R/A	None		--
DS440P	DS461P HB	Hybrid Note D	--
DS460P	DS461P HB	Hybrid Note D	--

Dana Model	Replaced By	Notes	Pg
DS480P	DS461P HB	Hybrid Note D	--
DT340	None		--
DT341	None		--
DT380	DT402	See Note A	--
DT381(P)	DT402(P)	See Note A	--
DT400P	DT402P	See Note A	--
DT401P	DT402(P)	See Note A	--
DT440P	DT461P HB	Hybrid Note D	--
DT451P	DT402(P)	See Note A	--
DT460P	DT461P HB	Hybrid Note D	--
DT480P	DT461P HB	Hybrid Note D	--
DT485P	DT461P HB	Hybrid Note D	--
E2300S	23105S	NLA NOW	--
F155S	None		--
F170S	None		--
J175S	None		--
J220NS	None		--
J340S	None		--
J380S	None		--
N175, N190	None		--
N340, N400	None		--
RA344	None		--
RA402	None		--
RA404	None		--
RA405	None		--
RC341	None		--
RC381	None		--
RC401	None		--
RC402	None		--
RC451	None		--
RC480	RC461HB	Hybrid Note D	--
RP380	RT402	See Note A	--
RP400	RT402	See Note A	--
RP401	RT402	See Note A	--
RP440	RP461HB	Hybrid Note D	--
RP451	RT402	See Note A	--
RP460	RP461HB	Hybrid Note D	--
RP480	RP461HB	Hybrid Note D	--
RP580	RP461HB	Hybrid Note D	--
RP650	RP461HB	Hybrid Note D	--
RS340	RS341	See Note A	--
RS380	RS402	See Note A	--
RS381	RS402HB	See Note A	--

Obsolete Axle Model Index

Dana Model	Replaced By	Notes	Pg
RS400	RS402	See Note A	--
RS401	RS402HB	See Note A	--
RS440	RS461HB	Hybrid Note D	--
RS460	RS461HB	Hybrid Note D	--
RS480	RS461HB	Hybrid Note D	--
RT340	RT341	See Note A	--
RT380	RT402	See Note A	--
RT400	RT402	See Note A	--
RT401	RT402	See Note A	--
RT401 MML	RT402HB	See Note A	--
RT440	RT461HB	Hybrid Note D	--
RT451 MML	RT402HB	See Note A	--
RT460	RT461HB	Hybrid Note D	--
RT480	RT461HB	Hybrid Note D	--
RT485	RT461HB	Hybrid Note D	--
S135SL	None		--
S150SL	None		--
S230SB	None		--
S230SL	None		--
S260SB	None		--
W300S	None		--

Note A: 402 series hybrids are nla - update to current carrier and upgrade axle shafts and yokes.

Note B: For replacement options, please see IASS model information on page 64.

Note C: Replacement carriers are no longer offered by Dana.

Note D: 461 hybrid carriers are nla - update to current 461 carriers and upgrade axle shafts.

Note E: 19050T MML designed with 30 involute spline side gears were discontinued. Either rebuild carrier or replace with standard 19050T using 210386 36 inv spline side gears with replacement 36 spline axle shafts as retrofit.

Single Axle - Single Reduction Carriers

15040S - Standard Carrier

Spline: 34 Involute

Side Gear Part Number: 110522

Gearing: 13.25" Hypoid

Fastener Kit: N/A

These new service only carrier units will directly replace model 15040S with no modifications.

Ratio	New Carrier Core Free	Old Carrier Part-NLA
4.88	15040S488CF	674738
5.83	15040S583CF	674741
6.17	15040S617CF	674742
7.17	15040S717CF	674744

S110 - Standard Carrier

Spline: 34 Involute

Side Gear Part Number: 130522

Gearing: 12.25" (311 mm) Hypoid

Fastener Kit: 514120

These new carrier units will directly replace model S14-S110 with no modifications.

Ratio	New Carrier Core Free	Old Carrier Part-NLA
3.73	S110373CF	676050
3.91	S110391CF	676052
4.10	S110410CF	676051
4.30	S110430CF	676053
4.56	S110456CF	676060
4.78	S110478CF	676057
4.88	S110488CF	676054
5.13	S110513CF	676061
5.38	S110538CF	676058
6.14	S110614CF	676059
6.50	S110650CF	676056

S110 - Standard Carrier w/ ABS

Spline: 34 Involute

Side Gear Part Number: 130522

Gearing: 12.25" (311 mm) Hypoid

Fastener Kit: 514120

These new carrier units will directly replace model S14-S110 w/ ABS with no modifications.

Ratio	New Carrier Core Free	Old Carrier Part-NLA
3.73	S110A373CF	681482
3.91	S110A391CF	681564
4.10	S110A410CF	681480
4.30	S110A430CF	676069
4.56	S110A456CF	681481
4.78	NA	NA
4.88	S110A488CF	676070
5.13	NA	NA
5.38	S110A538CF	676074
6.14	NA	NA
6.50	NA	NA

Single Axle - Single Reduction Carriers

S110FR - Rolled Over/Retarder Ready

Spline: 34 Involute

Side Gear Part Number: 130522

Gearing: 12.25" (311 mm) Hypoid

Fastener Kit: 514120

These new carrier units will directly replace model S14-S110FR with no modifications.

Ratio	New Carrier Core Free	Old Carrier Part-NLA
3.73	S110FR373CF	681451
3.91	S110FR391CF	681452
4.10	S110FR410CF	681453
4.30	S110FR430CF	681454
4.56	S110FR456CF	681455
4.78	S110FR478CF	513743
4.88	S110FR488CF	681456
5.13	S110FR513CF	681457
5.38	S110FR538CF	681458

S110L - Limited Slip Carrier

Spline: 34 Involute

Limited Slip Part Number: 134240

Gearing: 12.25" (311 mm) Hypoid

Fastener Kit: 514120

These new carrier units will directly replace model S14-S110L with no modifications.

Ratio	New Carrier Core Free	Old Carrier Part-NLA
3.73	S110L373CF	676082
3.91	S110L391CF	676084
4.10	S110L410CF	676083
4.30	S110L430CF	676085
4.56	S110L456CF	676092
4.78	S110L478CF	676089
4.88	S110L488CF	676086
5.13	S110L513CF	676093
5.38	S110L538CF	676090
6.14	S110L614CF	676091

S110 FLR - Rolled Over with Limited Slip/Retarder Ready Option

Spline: 34 Involute

Limited Slip Part Number: 134240

Gearing: 12.25" (311 mm) Hypoid

Fastener Kit: 514120

These new carrier units will directly replace model S14-S110FLR with no modifications.

Ratio	New Carrier Core Free	Old Carrier Part-NLA
3.73	S110FLR373CF	681616
4.10	S110FLR410CF	681649
4.30	S110FLR430CF	681617
4.56	S110FLR456CF	681650
4.78	S110FLR478CF	681618
5.13	S110FLR513CF	681383
6.14	S110FLR614CF	681384

S110L - Limited Slip Carrier w/ ABS

Spline: 34 Involute

Limited Slip Part Number: 134240

Gearing: 12.25" (311 mm) Hypoid

Fastener Kit: 514120

These new carrier units will directly replace model S14-S110L ABS with no modifications.

Ratio	New Carrier Core Free	Old Carrier Part-NLA
3.73	S110LA373CF	681607
3.91	S110LA391CF	681578
4.10	S110LA410CF	681565
4.30	S110LA430CF	676101
4.56	S110LA456CF	681579
4.78	NA	NA
4.88	S110LA488CF	676102
5.13	NA	NA
5.38	S110LA538CF	676106
6.14	NA	NA

Single Axle - Single Reduction Carriers

S111 - Standard Carrier w/ Yoke Installed

Spline: 34 Involute

Side Gear Part Number: 130522

Gearing: 12.25" (311 mm) Hypoid

Fastener Kit: 514120

These new carrier units will directly replace model S14-S111 with no modifications. Refer to Dana bulletin HAXL-PNI-35 dated Feb 2013.

Ratio	New Carrier Core Free	Old Carrier Part-NLA
4.10	S111AY410CF	681624
4.44	S111AY444CF	681625
4.88	S111AY488CF	681626

S111L - Limited Slip Carrier w/ Yoke Installed

Spline: 34 Involute

Limited Slip Part Number: 134241

Gearing: 12.25" (311 mm) Hypoid

Fastener Kit: 514120

These new carrier units will directly replace model S14-S111L with no modifications. Refer to Dana bulletin HAXL-PNI-35 dated Feb 2013.

Ratio	New Carrier Core Free	Old Carrier Part-NLA
4.10	S111LY410CF	681623
4.44	S111LY444CF	681622
4.88	S111LY488CF	681620

S111L-Limited Slip Carrier w/ Yoke Installed w/ ABS

Spline: 34 Involute

Limited Slip Part Number: 134241

Gearing: 12.25" (311 mm) Hypoid

Fastener Kit: 514120

These new carrier units will directly replace model S14-S111L w/ ABS with no modifications. Refer to Dana bulletin HAXL-PNI-35 dated Feb 2013.

Ratio	New Carrier Core Free	Old Carrier Part-NLA
4.10	S111LAY410CF	681627
4.44	S111LAY444CF	681628
4.88	S111LAY488CF	681629

S130 - Standard Carrier

Spline: 36 Involute

Limited Slip Part Number: 132807

Gearing: 12.25" (311 mm) Hypoid

Fastener Kit: 514120

These new carrier units will directly replace model S16-S130 with no modifications.

Ratio	New Carrier Core Free	Old Carrier Part-NLA	Notes
3.73	S130373CF	681263	
3.91	S130391CF	681264	
4.10	S130410CF	681266	Navistar, Workhorse
4.30	S130430CF	681267	GM, Workhorse
4.56	S130456CF	681268	GM
4.78	S130478CF	681269	GM, Monaco
4.88	S130488CF	681270	Ford
5.13	S130513CF	681271	GM, Workhorse
5.38	S130538CF	681272	Ford, GM, Workhorse
5.57	S130557CF	681265	
5.86	S130586CF	681273	Ford, Workhorse
6.14	S130614CF	681274	GM, Workhorse
6.50	S130650CF	681275	GM

S130FR - Rolled Over/Retarder Ready

Spline: 36 Involute

Gearing: 12.25" (311 mm) Hypoid

Side Gear Part Number: 132807

Fastener Kit: 514120

These new carrier units will directly replace model S16-S130FR with no modifications. These units are Retarder Ready designed.

Ratio	New Carrier Core Free	Old Carrier Part-NLA
3.73	S130FR373CF	681439
3.91	S130FR391CF	681438
4.10	S130FR410CF	681395
4.30	S130FR430CF	681396
4.56	S130FR456CF	681397
4.78	S130FR478CF	681278
4.88	S130FR488CF	681460
5.13	S130FR513CF	681442
5.38	S130FR538CF	681398
5.57	S130FR557CF	681571
5.86	S130FR586CF	N/A
6.14	S130FR614CF	681461
6.50	S130FR650CF	681399

Single Axle - Single Reduction Carriers

S130FLR - Rolled Over w/ Limited Slip Option

Spline: 36 Involute

Gearing: 12.25" (311 mm) Hypoid

Limited Slip Part Number: 134242

Fastener Kit: 514120

These new carrier units will directly replace model S16-S130FLR with no modifications.

Ratio	New Carrier Core Free	Old Carrier Part-NLA
3.73	S130FLR373CF	681422
3.91	S130FLR391CF	681423
4.10	S130FLR410CF	681424
4.30	S130FLR430CF	681425
4.56	S130FLR456CF	681426
4.78	S130FLR478CF	681427
4.88	S130FLR488CF	681428
5.13	S130FLR513CF	681429
5.38	S130FLR538CF	681430
5.57	S130FLR557CF	681431
5.86	S130FLR586CF	681432
6.14	S130FLR614CF	681433
6.50	S130FLR650CF	681434

S130L - Limited Slip Carrier

Spline: 36 Involute

Gearing: 12.25" (311 mm) Hypoid

Limited Slip Part Number: 134242

Fastener Kit: 514120

These new carrier units will directly replace model S16-S130L with no modifications.

Ratio	New Carrier Core Free	Old Carrier Part-NLA
4.10	S130L410CF	676146
4.30	S130L430CF	681446
4.56	S130L456CF	681447
4.78	S130L478CF	681360
4.88	S130L488CF	681619
5.13	S130L513CF	681364
5.38	S130L538CF	681448
5.57	S130L557CF	681365
6.50	S130L650CF	681449

S130L - Limited Slip Carrier w/ ABS

Spline: 36 Involute

Gearing: 12.25" (311 mm) Hypoid

Limited Slip Part Number: 134242

Fastener Kit: 514120

These new carrier units will directly replace model S16-S130L with no modifications.

Ratio	New Carrier Core Free	Old Carrier Part-NLA
4.30	S130LA430CF	681450
4.88	S130LA488CF	681280

S132 - Standard Carrier

Spline: 36 Involute

Gearing: 12.25" (311 mm) Hypoid

Side Gear Part Number: 132807

Fastener Kit: N/A

These new carrier units will directly replace model S16-S132 with no modifications.

Ratio	New Carrier Core Free	Old Carrier Part-NLA
3.73	S132373CF	681445
3.91	S132391CF	681370
4.10	S132410CF	681371
4.30	S132430CF	681372
4.56	S132456CF	681373
4.78	S132478CF	681374
4.88	S132488CF	681375
5.13	S132513CF	681376
5.38	S132538CF	681377
5.57	S132557CF	681378
5.86	S132586CF	681379
6.14	S132614CF	681380
6.50	S132650CF	681381

Single Axle - Single Reduction Carriers

S135S / S150S - Standard Carrier

Spline: 36 Involute

Gearing: 14.25" Hypoid

Side Gear Part Number: 029GD104

Fastener Kit: N/A

These new carrier units will directly replace models S135S and S150S with no modifications.

Ratio	New Carrier Core Free	Old Carrier Part-NLA
3.38	S150338CF	360CA104-3X
3.54	S150354CF	360CA104-4X
3.73	S150373CF	360CA104-5X
3.91	S150391CF	360CA104-6X
4.10	S150410CF	360CA104-7X
4.44	S150444CF	360CA104-8X
4.78	S150478CF	360CA104-9X
4.88	S150488CF	360CA104-17X
5.13	S150513CF	360CA104-16X
5.38	S150538CF	360CA104-10X
6.14	S150614CF	360CA104-11X
7.17	S150717CF	360CA104-13X

S135S / S150S - Standard Carrier w/ ABS

Spline: 36 Involute

Gearing: 14.25" Hypoid

Side Gear Part Number: 029GD104

Fastener Kit: N/A

These new carrier units will directly replace models S135S and S150S with no modifications.

Ratio	New Carrier Core Free	Old Carrier Part-NLA
4.78	S150A478CF	360CA102-5X
4.88	S150A488CF	360CA102-1X
5.13	S150A513CF	360CA102-2X
5.38	S150A538CF	360CA102-3X

S135S NS / S150S NS - No Spin Carrier

Spline: 36 Involute

Gearing: 14.25" Hypoid

No Spin Diff Part Number: 360GN100

Fastener Kit: N/A

These new carrier units will directly replace models S135S NS and S150S NS with no modifications.

Ratio	New Carrier Core Free	Old Carrier Part-NLA
3.54	S150N354CF	360CA105-4X
3.91	S150N391CF	360CA105-6X
4.10	S150N410CF	360CA105-7X
4.44	S150N444CF	360CA105-8X
5.13	S150N513CF	360CA105-16X

S135S PB / S150S PB - Parking Brake (Unique Seal Design)

Spline: 36 Involute

Gearing: 14.25" Hypoid

Side Gear Part Number: 029GD104

Pinion Seal Part Number: 127591

Fastener Kit: N/A

These carrier units directly replace models S135S PB, S135S NS PB and S150S PB, S150S NS PB with no modifications. These carriers are built to a unique design for Navistar applications beginning in October 2000 and have unique pinion seal(127591) and pinion yokes. Replace like carriers with like carriers.

Ratio	New Carrier Core Free	Old Carrier Part-NLA
3.38	S150R338CF	360CA107-3X
3.54	S150R354CF	360CA107-4X
3.73	S150R373CF	360CA107-5X
3.91	S150R391CF	360CA107-6X
4.10	S150R410CF	360CA107-7X
4.44	S150R444CF	360CA107-8X
4.78	S150R478CF	360CA107-9X
5.13	S150R513CF	360CA107-16X
5.38	S150R538CF	360CA107-10X
6.14	S150R614CF	360CA107-11X

Single Axle - Single Reduction Carriers

S135S NS PB / S150S NS PB - No Spin w/ Parking Brake Option (Unique Seal Design)

Spline: 36 Involute

Gearing: 14.25" Hypoid

No Spin Part Number: 360GN100

Pinion Seal Part Number: 127591

Fastener Kit: N/A

These carrier units directly replace models S135S NS PB and S150S NS PB with no modifications. These carriers are built to a unique design for Navistar applications beginning in October 2000 and have unique pinion seal(127591) and pinion yokes. Replace like carriers with like carriers.

Ratio	New Carrier Core Free	Old Carrier Part-NLA
3.38	S150NR338CF	360CA108-3X
3.73	S150NR373CF	360CA108-5X
4.10	S150NR410CF	360CA108-7X
4.44	S150NR444CF	360CA108-8X
4.78	S150NR478CF	360CA108-9X
5.13	S150NR513CF	360CA108-16X

S140 - Standard Carrier

Spline: 39 Involute

Gearing: 14.25" Hypoid

Side Gear Part Number: 127367

Fastener Kit: N/A

These new carrier units will directly replace models S17-140 and S19-140 with no modifications.

Ratio	New Carrier Core Free	Old Carrier Part-NLA
3.31	S140331CF	681500
3.58	S140358CF	681501
3.73	S140373CF	681502
3.91	S140391CF	681503
4.10	S140410CF	681504
4.30	S140430CF	681505
4.56	S140456CF	681506
4.88	S140488CF	681507
5.29	S140529CF	681513
5.57	S140557CF	681510
6.14	S140614CF	681511
6.50	S140650CF	681512

17130 - Standard Carrier

Spline: 39 Involute

Gearing: 16.50" Spiral Bevel (3.90-7.17 Ratio)

Side Gear Part Number: 110525

Fastener Kit: N/A

These new carrier units will directly replace models 17130 and RS341 with no modifications.

Ratio	New Carrier Core Free	Old Carrier Part-NLA
3.36	RS341336CF	219323
4.11	RS341411CF	675277
4.56	RS341456CF	674900
4.88	RS341488CF	675472
5.29	RS341529CF	675537
5.57	RS341557CF	675355

19050S - Standard Carrier

Spline: 36 Involute

Gearing: 14.25" Hypoid

Side Gear Part Number: 126000

Fastener Kit: N/A

These new service only carrier units will directly replace model 19050S with no modifications.

Ratio	New Carrier Core Free	Old Carrier Part-NLA
4.63	19050S463CF	674749
7.17	19050S717CF	674756

Single Axle - Single Reduction Carriers

19060S - Standard Carrier

Spline: 39 Involute

Gearing: 15.50" Hypoid

Side Gear Part Number: 127367

Fastener Kit: 511600

These new carrier units will directly replace single axle models 17060S, 17060S PB, 19060S, 19060S PB and tandem axle model RS344 with no modifications. Model on ID tag may be RS344.

Ratio	New Carrier Exchange	New Carrier Core Free	Old Carrier Part-NLA
2.85	N/A	N/A	N/A
3.08	RS344308EX	RS344308CF	675914
3.25	19060S325EX	19060S325CF	681435
3.36	RS344336EX	RS344336CF	675565
3.55	RS344355EX	RS344355CF	675566
3.70	RS344370EX	RS344370CF	675623
3.90	RS344390EX	RS344390CF	675564
4.11	RS344411EX	RS344411CF	675414
4.33	RS344433EX	RS344433CF	675415
4.63	RS344463EX	RS344463CF	675416
4.88	RS344488EX	RS344488CF	675417
5.29	RS344529EX	RS344529CF	675418
5.57	RS344557EX	RS344557CF	675419
6.17	RS344617EX	RS344617CF	675420
6.50	RS344650EX	RS344650CF	675421
7.17	RS344717EX	RS344717CF	675422

Note: The service carriers listed above have a thin flange design. Use axle housing hardware kit 511600.

Note 1: In certain Navistar vehicle applications, original Dana production carriers are identified as 21060S, 21060L, 21060T and 21060D. These carriers are built with 39 Involute spline side gears. Carriers with 39 Involute spline side gears are sold as 19060S, 19060L, 19060T and 19060D. **Be sure to check spline configuration before ordering replacement carriers.**

19060S BC - GenTech™ - Quiet Gearing

Spline: 39 Involute

Gearing: 15.50" Hypoid

Side Gear Part Number: 127367

Fastener Kit: 511600

These new carrier units will directly replace single axle models 17060S BC and 19060S BC with no modifications. Model on ID tag may be RS344. These carriers are specifically designed for noise sensitive applications. When choosing replacements of these carriers, be sure to consult the OEM or verify the actual part numbers from the serial tag before ordering carriers. For ratios or options not shown, call Dana for availability.

Ratio	New Carrier Exchange	New Carrier Core Free	Old Carrier Part-NLA
4.30	19060SBC430EX	19060SBC430CF	681406
4.78	19060SBC478EX	19060SBC478CF	681351
4.88	19060SBC488EX	19060SBC488CF	681562
5.29	19060SBC529EX	19060SBC529CF	681357
5.57	19060SBC557EX	19060SBC557CF	681400
6.17	19060SBC617EX	19060SBC617CF	681401
6.50	19060SBC650EX	19060SBC650CF	681402
7.17	19060SBC717EX	19060SBC717CF	681403

Note: The service carriers listed above have a thin flange design. Use axle housing hardware kit 511600.

Note 1: In certain Navistar vehicle applications, original Dana Production Carriers are identified as 21060S, 21060L, 21060T and 21060D. These carriers are built with 39 Involute spline side gears. Carriers with 39 Involute spline side gears are sold as 19060S, 19060BC, 19060L, 19060T and 19060D. **Be sure to check spline configuration before ordering replacement carriers.**

Single Axle - Single Reduction Carriers

19060S w/ Parking Brake Option

Spline: 39 Involute

Gearing: 15.50" Hypoid

Side Gear Part Number: 127367

Fastener Kit: 511600

These new carrier units will directly replace single axle models 17060S, 17060S PB, 19060S, 19060S PB and tandem axle model RS344 with no modifications. Model on ID tag may be RS344.

Ratio	New Carrier Exchange	New Carrier Core Free	Old Carrier Part-NLA
2.85	19060SR285EX	19060SR285CF	675930
3.08	19060SR308EX	19060SR308CF	675932
3.25	19060SR325EX	19060SR325CF	675933
3.36	19060SR336EX	19060SR336CF	675934
3.55	19060SR355EX	19060SR355CF	675935
3.70	19060SR370EX	19060SR370CF	675936
3.90	19060SR390EX	19060SR390CF	675937
4.11	19060SR411EX	19060SR411CF	675938
4.33	19060SR433EX	19060SR433CF	675939
4.63	19060SR463EX	19060SR463CF	675940
4.88	19060SR488EX	19060SR488CF	675941
5.29	19060SRBC529EX**	19060SRBC529CF**	675942**
5.57	19060SRBC557EX**	19060SRBC557CF**	675943**
6.17	19060SRBC617EX**	19060SRBC617CF**	675944**
6.50	19060SRBC650EX**	19060SRBC650CF**	675945**
7.17	19060SRBC717EX**	19060SRBC717CF**	675946**

Note: The service carriers listed above have a thin flange design. Use axle housing hardware kit 511600.

** Note: These Carriers also contain GenTech™ BC-Quiet Gearing.

Note 1: In certain Navistar vehicle applications, original Dana production carriers are identified as 21060S, 21060L, 21060T and 21060D. These carriers are built with 39 Involute spline side gears. Carriers with 39 Involute spline side gears are sold as 19060S, 19060L, 19060T and 19060D. **Be sure to check spline configuration before ordering replacement carriers.**

19060S BC - GenTech™ - Quiet Gearing w/ Parking Brake Option

Spline: 39 Involute

Gearing: 15.50" Hypoid

Side Gear Part Number: 127367

Fastener Kit: 511600

These new carrier units will directly replace single axle models 17060S BC and 19060S BC with no modifications. Model on ID tag may be RS344. These carriers are specifically designed for noise sensitive applications. When choosing replacements of these carriers, be sure to consult the OEM or verify the actual part numbers from the serial tag before ordering carriers. For ratios or options not shown, call Dana for availability.

Ratio	New Carrier Exchange	New Carrier Core Free	Old Carrier Part-NLA
4.30	19060SRBC430EX	19060SRBC430CF	512771
4.78	19060SRBC478EX	19060SRBC478CF	511165
5.29	19060SRBC529EX	19060SRBC529CF	675942
5.57	19060SRBC557EX	19060SRBC557CF	675943
6.17	19060SRBC617EX	19060SRBC617CF	675944
6.50	19060SRBC650EX	19060SRBC650CF	675945
7.17	19060SRBC717EX	19060SRBC717CF	675946

Note: The service carriers listed above have a thin flange design. Use axle housing hardware kit 511600.

Note 1: In certain Navistar vehicle applications, original Dana Production Carriers are identified as 21060S, 21060L, 21060T and 21060D. These carriers are built with 39 Involute spline side gears. Carriers with 39 Involute spline side gears are sold as 19060S, 19060BC, 19060L, 19060T and 19060D. **Be sure to check spline configuration before ordering replacement carriers.**

Single Axle - Single Reduction Carriers

19060D - Diff Lock Carriers

Spline: 39 Involute

Gearing: 15.50" Hypoid

Side Gear Part Number: 127367

Fastener Kit: 511600

These new carrier units will directly replace single axle models 17060D, 17060D PB, 19060D and 19060D PB and tandem axle model RD344 with no modifications. Model on ID tag may be RD344.

Ratio	New Carrier Exchange	New Carrier Core Free	Old Carrier Part-NLA
3.08	19060D308EX	19060D308CF	675874
3.36	19060D336EX	19060D336CF	675625
3.55	19060D355EX	19060D355CF	676138
3.70	19060D370EX	19060D370CF	676139
3.90	19060D390EX	19060D390CF	676045
4.11	19060D411EX	19060D411CF	675423
4.33	19060D433EX	19060D433CF	675424
4.63	19060D463EX	19060D463CF	675425
4.88	19060D488EX	19060D488CF	675426
5.29	19060D529EX	19060D529CF	675427
5.57	19060D557EX	19060D557CF	675428
6.17	19060D617EX	19060D617CF	675429
6.50	RD344650EX	RD344650CF	675430
7.17	RD344717EX	RD344717CF	675431

Note: The service carriers listed above have a thin flange design. Use axle housing hardware kit 511600.

19060D - Diff Lock Carriers w/ Parking Brake Option

Spline: 39 Involute

Gearing: 15.50" Hypoid

Side Gear Part Number: 127367

Fastener Kit: 511600

These new carrier units will directly replace single axle models 17060D, 17060D PB, 19060D and 19060D PB and tandem axle model RD344 with no modifications. Model on ID tag may be RD344.

Ratio	New Carrier Exchange	New Carrier Core Free	Old Carrier Part-NLA
3.08	19060DR308EX	19060DR308CF	681284
3.25	19060DR325EX	19060DR325CF	676137
3.36	19060DR336EX	19060DR336CF	681285
3.55	19060DR355EX	19060DR355CF	681286
3.70	19060DR370EX	19060DR370CF	681287
3.90	19060DR390EX	19060DR390CF	681289
4.11	19060DR411EX	19060DR411CF	681290
4.33	19060DR433EX	19060DR433CF	681291
4.63	19060DR463EX	19060DR463CF	681292
4.88	19060DR488EX	19060DR488CF	681293
5.29	19060DR529EX	19060DR529CF	681294
5.57	19060DR557EX	19060DR557CF	681295
6.17	19060DR617EX	19060DR617CF	681296
6.50	19060DR650EX	19060DR650CF	681297
7.17	19060DR717EX	19060DR717CF	681298

Note: The service carriers listed above have a thin flange design. Use axle housing hardware kit 511600.

Single Axle - Single Reduction Carriers

19060S NS - No Spin Carriers

Spline: 39 Involute

Gearing: 15.50" Hypoid

No Spin Diff Part Number: 128775

Fastener Kit: 511600

These new carrier units will directly replace single axle models 17060S NS with no modifications. Model on ID tag may be RS344.

Ratio	New Carrier Exchange	New Carrier Core Free	Old Carrier Part-NLA
3.25	19060SN325EX	19060SN325CF	512030
3.55	19060SN355EX	19060SN355CF	508306
3.90	19060SN390EX	19060SN390CF	681407
4.11	19060SN411EX	19060SN411CF	681348
4.33	19060SN433EX	19060SN433CF	508236
4.63	19060SN463EX	19060SN463CF	508307
4.88	19060SN488EX	19060SN488CF	508311
5.29	19060SN529EX	19060SN529CF	681385
5.57	19060SN557EX	19060SN557CF	681386
6.50	19060SN650EX	19060SN650CF	508174
7.17	19060SN717EX	19060SN717CF	512093

Note: The service carriers listed above have a thin flange design. Use axle housing hardware kit 511600.

19060S NS - No Spin Carriers w/ Parking Brake Option

Spline: 39 Involute

Gearing: 15.50" Hypoid

No Spin Diff Part Number: 128775

Fastener Kit 511600

These new carrier units will directly replace single axle models 17060S NS PB with no modifications. Model on ID tag may be RS344.

Ratio	New Carrier Exchange	New Carrier Core Free	Old Carrier Part-NLA
3.70	19060SNR370EX	19060SNR370CF	681563
3.90	19060SNR390EX	19060SNR390CF	511625
4.11	19060SNR411EX	19060SNR411CF	511504
4.63	19060SNR463EX	19060SNR463CF	681363
4.88	19060SNR488EX	19060SNR488CF	681404
5.29	19060SNR529EX	19060SNR529CF	681362
5.57	19060SNR557EX	19060SNR557CF	511486
6.17	19060SNR617EX	19060SNR617CF	511930
7.17	19060SNR717EX	19060SNR717CF	512088

Note: The service carriers listed above have a thin flange design. Use axle housing hardware kit 511600.

19060S NS - No Spin Carriers W/ BC - GenTech™ - Quiet Gearing

Spline: 39 Involute

Gearing: 15.50" Hypoid

No Spin Diff Part Number: 128775

Fastener Kit: 511600

These new carrier units will directly replace single axle models 17060S NS with no modifications. Model on ID tag may be RS344.

Ratio	New Carrier Exchange	New Carrier Core Free	Old Carrier Part-NLA
6.17	19060SNBC617EX	19060SNBC617CF	681347 BC

19060S NS - No Spin Carriers W/ BC - GenTech™ - Quiet Gearing w/ Parking Brake Option

Spline: 39 Involute

Gearing: 15.50" Hypoid

No Spin Diff Part Number: 128775

Fastener Kit: 511600

These new carrier units will directly replace single axle models 17060S NS with no modifications. Model on ID tag may be RS344.

Ratio	New Carrier Exchange	New Carrier Core Free	Old Carrier Part-NLA
6.17	19060SNRBC617EX	19060SNRBC617CF	511930

Single Axle - Single Reduction Carriers

21060S - Standard Carrier

Spline: 41 Involute

Gearing: 15.50" Hypoid

Side Gear Part Number: 127368

Fastener Kit: 512087 for thick flange carriers & 511600 for thin flange carriers

These new carrier units will directly replace single axle models 21060S & 22060S and tandem axle models RS404 and RS405 with no modifications. Model on ID tag may be RS404.

Ratio	New Carrier Exchange	New Carrier Core Free	Old Carrier Part-NLA
2.64	RS404264EX	RS404264CF	674877
2.85	RS404285EX	RS404285CF	674878
2.93	RS404293EX	RS404293CF	675635
3.08	RS404308EX	RS404308CF	674879
3.25	RS404325EX	RS404325CF	674880
3.36	RS404336EX	RS404336CF	674881
3.42	RS404342EX	RS404342CF	681576
3.55	RS404355EX	RS404355CF	674882
3.70	RS404370EX	RS404370CF	674883
3.90	RS404390EX	RS404390CF	674884
4.11	RS404411EX	RS404411CF	674885
4.33	RS404433EX	RS404433CF	674886
4.63	RS404463EX	RS404463CF	674887
4.88	RS404488EX	RS404488CF	674888
5.29	RS404529EX	RS404529CF	674889
5.57	RS404557EX	RS404557CF	674890
6.17	RS404617EX	RS404617CF	674891
6.50	RS404650EX	RS404650CF	674892
7.17	RS404717EX	RS404717CF	674893

Note 1: In certain Navistar applications, original Dana Production Carriers are identified as 21060S, 21060L, 21060T and 21060D. These carriers are built with 39 Involute spline side gears. Carriers with 39 Involute spline side gears are sold as 19060S, 19060BC, 19060L, 19060T and 19060D. Refer to the 19060 model section of this IPL for those replacement part numbers. **Be sure to check spline configuration before ordering a replacement carrier.**

21060S - Standard Carrier w/ Parking Brake Option

Spline: 41 Involute

Gearing: 15.50" Hypoid

Side Gear Part Number: 127368

Fastener Kit: 512087 for thick flange carriers & 511600 for thin flange carriers

These new carrier units will directly replace single axle models 21060S PB and 22060S PB and tandem axle models RS404 and RS405 with no modifications. Model on ID tag may be RS404.

Ratio	New Carrier Exchange	New Carrier Core Free	Old Carrier Part-NLA
3.08	P20060R308EX**	P20060R308CF**	681514
3.25	P20060R325EX**	P20060R325CF**	681515
3.36	P20060R336EX**	P20060R336CF**	681516
3.55	21060SR355EX*	21060SR355CF*	676121*
3.70	21060SR370EX*	21060SR370CF*	676122*
3.90	21060SR390EX*	21060SR390CF*	676123*
4.11	21060SR411EX*	21060SR411CF*	676124*
4.33	21060SR433EX*	21060SR433CF*	676125*
4.63	21060SR463EX*	21060SR463CF*	676126*
4.88	21060SR488EX*	21060SR488CF*	676127*
5.29	21060SR529EX*	21060SR529CF*	676128*
5.57	21060SR557EX*	21060SR557CF*	676129*
6.17	P20060R617EX**	P20060R617CF**	681526
6.50	21060SR650EX*	21060SR650CF*	681283*

* Denotes thin flange design - use axle housing hardware kit 511600. All others are thick flange design - use axle housing hardware kit 512087.

** These 21060S PB carriers are serviced by the P20060R carriers.

Note 1: In certain Navistar applications, original Dana Production Carriers are identified as 21060S, 21060L, 21060T and 21060D. These carriers are built with 39 Involute spline side gears. Carriers with 39 Involute spline side gears are sold as 19060S, 19060BC, 19060L, 19060T and 19060D. Refer to the 19060 model section of this IPL for those replacement part numbers. **Be sure to check spline configuration before ordering a replacement carrier.**

Single Axle - Single Reduction Carriers

21060D - Diff Lock Carrier

Spline: 41 Involute

Gearing: 15.50" Hypoid

Side Gear Part Number: 127368

Fastener Kit: 512087 for thick flange carriers & 511600 for thin flange carriers

See Notes 1 & 2. These new carrier units will directly replace differential lock single axle models 21060D and 22060D and tandem axle models RD404 and RD405 with no modifications. Model on ID tag may be RD404.

Ratio	New Carrier Exchange	New Carrier Core Free	Old Carrier Part-NLA
2.64	RDP40264EX*	RDP40264CF*	676013
2.85	RD404285EX	RD404285CF	675281
3.08	RD404308EX	RD404308CF	675282
3.25	RD404325EX	RD404325CF	675283
3.36	RD404336EX	RD404336CF	675284
3.42	RD404342EX	RD404342CF	681577
3.55	RD404355EX	RD404355CF	675285
3.70	RD404370EX	RD404370CF	675286
3.90	RD404390EX	RD404390CF	675287
4.11	RD404411EX	RD404411CF	675288
4.33	RD404433EX	RD404433CF	675289
4.63	RD404463EX	RD404463CF	675290
4.88	RD404488EX	RD404488CF	675291
5.29	RD404529EX	RD404529CF	675292
5.57	RD404557EX	RD404557CF	675293
6.17	RD404617EX	RD404617CF	675294
6.50	RD404650EX	RD404650CF	675295
7.17	RD404717EX	RD404717CF	675296

* This RD404 carrier is serviced by the RDP40 carrier.

Note 1: In certain International applications, original Dana Production Carriers are identified as 21060S, 21060L, 21060T and 21060D. These carriers are built with 39 Involute spline side gears. Carriers with 39 Involute spline side gears are sold as 19060S, 19060BC, 19060L, 19060T and 19060D. Refer to the 19060 section of this IPL for those replacement part numbers. **Be sure to check spline configuration before ordering a replacement carrier.**

Note 2: Diff Lock shift covers on these units are supplied with standard English threaded air line ports.

21060D - Diff Lock Carrier w/ Parking Brake Option

Spline: 41 Involute

Gearing: 15.50" Hypoid

Side Gear Part Number: 127368

Fastener Kit: 512087 for thick flange carriers & 511600 for thin flange carriers

See Notes 1 & 2. These new carrier units will directly replace differential lock single axle models 21060D PB and 22060D PB and tandem axle models RD404 and RD405 with no modifications. Model on ID tag may be RD404.

Ratio	New Carrier Exchange	New Carrier Core Free	Old Carrier Part-NLA
3.55	21060DR355EX*	21060DR355CF*	681300*
3.70	21060DR370EX*	21060DR370CF*	681299*
3.90	21060DR390EX*	21060DR390CF*	681301*
4.11	21060DR411EX*	21060DR411CF*	681302*
4.33	21060DR433EX*	21060DR433CF*	681303*
4.63	21060DR463EX*	21060DR463CF*	681304*
4.88	21060DR488EX*	21060DR488CF*	681305*
5.29	21060DR529EX*	21060DR529CF*	681306*
5.57	21060DR557EX*	21060DR557CF*	681307*
6.50	21060DR650EX*	21060DR650CF*	681308*

* Denotes thin flange design - use axle housing hardware kit 511600. All others are thick flange design - use axle housing hardware kit 512087.

Note 1: In certain International applications, original Dana Production Carriers are identified as 21060S, 21060L, 21060T and 21060D. These carriers are built with 39 Involute spline side gears. Carriers with 39 Involute spline side gears are sold as 19060S, 19060BC, 19060L, 19060T and 19060D. Refer to the 19060 section of this IPL for those replacement part numbers. **Be sure to check spline configuration before ordering a replacement carrier.**

Note 2: Diff Lock shift covers on these units are supplied with standard English threaded air line ports.

Single Axle - Single Reduction Carriers

21060S NS - No Spin Carrier

Spline: 41 Involute

Gearing: 15.50" Hypoid

No Spin Diff Part Number: 128776

Fastener Kit: 511600

These new carrier units will directly replace single axle models 21060S NS and 22060S NS with no modifications.

Ratio	New Carrier Exchange	New Carrier Core Free	Old Carrier Part-NLA
3.90	21060SN390EX	21060SN390CF	511236
4.11	21060SN411EX	21060SN411CF	511237
4.33	21060SN433EX	21060SN433CF	511238
4.63	21060SN463EX	21060SN463CF	511239
4.88	21060SN488EX	21060SN488CF	511240
5.29	21060SN529EX	21060SN529CF	511241
5.57	21060SN557EX	21060SN557CF	511242
6.17	21060SN617EX	21060SN617CF	511243

Note: The service carriers listed above have a thin flange design. Use axle housing hardware kit 511600.

21060S BC - GenTech™ - Quiet Gearing

Spline: 41 Involute

Gearing: 15.50" Hypoid

Side Gear Part Number: 127368

Fastener Kit: 512087 for thick flange carriers & 511600 for thin flange carriers

See Note 1. These new carrier units will directly replace single axle models 21060S BC (GenTech - Coach Quiet) with no modifications.

Ratio	New Carrier Exchange	New Carrier Core Free	Old Carrier Part-NLA
4.30	21060SBC430EX*	21060SBC430CF*	675629*
4.63	23060SHBC463EX**	23060SHBC463CF**	681462**
4.78	21060SBC478EX*	21060SBC478CF*	675873*
5.29	21060SBC529EX*	21060SBC529CF*	676145*
5.57	21060SBC557EX	21060SBC557CF	681459
6.17	21060SBC617EX*	21060SBC617CF*	676149*
6.50	21060SBC650EX*	21060SBC650CF*	676150*
7.17	21060SBC717EX*	21060SBC717CF*	676151*

* Denotes thin flange design - use axle housing hardware kit 511600. All others are thick flange design - use axle housing hardware kit 512087.

** This 21060S BC carrier is serviced by the 23030SH BC carrier.

Note 1: Dana carriers shown with GenTech gearing are for motor coach and bus applications. When doing repairs or replacement of these axles, be sure to consult the OEM or verify the actual part numbers from the serial tags before ordering carriers. For ratios not shown call Dana for availability.

22060SH - High Performance Carrier

Spline: 41 Involute

Gearing: 15.75" Hypoid

Side Gear Part Number: 127368

Fastener Kit: 512087 for thick flange carriers & 511600 for thin flange carriers

See Note 1. The new carrier units below will directly replace models 22060SH with no modifications. Some carrier models used in Single Axle applications are labeled differently for service as they are the same carrier used in other Rear axle applications (ie 22060SH is the same as RSP40 / RSH40).

Ratio	New Carrier Exchange	New Carrier Core Free	Old Carrier Part-NLA
3.08	RSP40308EX	RSP40308CF	676031
3.25	RSH40325EX	RSH40325CF	675781
3.36	RSH40336EX	RSH40336CF	675782
3.55	RSH40355EX	RSH40355CF	675783
3.70	RSH40370EX	RSH40370CF	675784
3.90	RSH40390EX	RSH40390CF	675785
4.11	RSH40411EX	RSH40411CF	675786
4.33	RSH40433EX	RSH40433CF	675787
4.63	RSP40463EX	RSP40463CF	676039
4.88	RSP40488EX	RSP40488CF	676040
5.29	RSP40529EX	RSP40529CF	676041
5.57	RSP40557EX	RSP40557CF	676042
6.17	RSP40617EX	RSP40617CF	676043
6.50	RSP40650EX	RSP40650CF	676044
7.17	RSP40717EX	RSP40717CF	681443

Note 1: Dana carriers are application specific. Some motor coach and bus applications require Gentech gearing. When doing repairs or replacement of these axles, be sure to consult the OEM or verify the actual part numbers from the serial tags before ordering replacement carriers.

22060SH - High Performance Carrier w/ No Spin Option

Spline: 41 Involute

Gearing: 15.75" Hypoid

No Spin Diff Part Number: 128776

Fastener Kit: 512087 for thick flange carriers & 511600 for thin flange carriers

See Note 1. The 22060SH new carrier units will directly replace model 22060SH & RSH40 and in ratios 4.88 thru 7.17 RSH44. Some carrier models used in Single Axle applications are labeled differently for service as they are the same carrier used in other Rear Rear axle applications (ie 22060SH is the same as RSH40 / RSH44).

Ratio	New Carrier Exchange	New Carrier Core Free	Old Carrier Part-NLA
4.88	RSH44N488EX	RSH44N488CF	681609
5.29	RSH44N529EX	RSH44N529CF	681610
5.57	RSH44N557EX	RSH44N557CF	681611
6.17	RSH44N617EX	RSH44N617CF	681612
6.50	RSH44N650EX	RSH44N650CF	681613
7.17	RSH44N717EX	RSH44N717CF	681614

Note 1: Dana carriers are application specific. Some motor coach and bus applications require Gentech gearing. When doing repairs or replacement of these axles, be sure to consult the OEM or verify the actual part numbers from the serial tags before ordering replacement carriers.

23060SH BC - High Performance Carrier w/ GenTech™ - Quiet Gearing

Spline: 41 Involute

Gearing: 15.75" Hypoid

Side Gear Part Number: 127368

Fastener Kit: N/A

See Note 1. The 23060SH BC new carrier units will directly replace model 23060SH BC. These 23060SH BC - Bus Coach carriers are unique and used in specific applications. In coach applications the 23060SH BC have Spicer GenTech gearing.

Ratio	New Carrier Exchange	New Carrier Core Free	Old Carrier Part-NLA
4.63	23060SHBC463EX	23060SHBC463CF	681462
4.88	23060SHBC488EX	23060SHBC488CF	681615
6.50	23060SHBC650EX	23060SHBC650CF	515498

Note 1: Dana carriers are application specific. Some motor coach and bus applications require Gentech gearing. When doing repairs or replacement of these axles, be sure to consult the OEM or verify the actual part numbers from the serial tags before ordering replacement carriers.

Single Axle - Single Reduction Carriers

P20060S - Premium 40 Carrier

Spline: 41 Involute

Gearing: 15.50" - 15.75" Hypoid

Side Gear Part Number: 127368

Fastener Kit: N/A

These new carrier units will directly replace single axle model P20060S, P21060S, P22060S and P20060R models with brake retarder option with no modifications. Tag on unit may be P20060, P20060R or RSP40

Ratio	New Carrier Exchange	New Carrier Core Free	Old Carrier Part-NLA
3.08	RSP40308EX	RSP40308CF	676031
3.25	RSP40325EX	RSP40325CF	676032
3.36	RSP40336EX	RSP40336CF	676033
3.42	RSP40342EX	RSP40342CF	681537
3.55	RSP40355EX	RSP40355CF	676034
3.70	RSP40370EX	RSP40370CF	676035
3.90	RSP40390EX	RSP40390CF	676036
4.11	RSP40411EX	RSP40411CF	676037
4.33	RSP40433EX	RSP40433CF	676038
4.63	RSP40463EX	RSP40463CF	676039
4.88	RSP40488EX	RSP40488CF	676040
5.29	RSP40529EX	RSP40529CF	676041
5.57	RSP40557EX	RSP40557CF	676042
6.17	RSP40617EX	RSP40617CF	676043
6.50	RSP40650EX	RSP40650CF	676044
7.17	RSP40717EX	RSP40717CF	681443

P20060S - Premium 40 Retarder Ready Carrier

Spline: 41 Involute

Gearing: 15.50" - 15.75" Hypoid

Side Gear Part Number: 127368

Fastener Kit: N/A

Ratio	New Carrier Exchange	New Carrier Core Free	Old Carrier Part-NLA
3.08	P20060R308EX	P20060R308CF	681514
3.25	P20060R325EX	P20060R325CF	681515
3.36	P20060R336EX	P20060R336CF	681516
3.55	P20060R355EX	P20060R355CF	681517
3.70	P20060R370EX	P20060R370CF	681518
3.90	P20060R390EX	P20060R390CF	681519
4.11	P20060R411EX	P20060R411CF	681520
4.33	P20060R433EX	P20060R433CF	681521
4.63	P20060R463EX	P20060R463CF	681522
4.88	P20060R488EX	P20060R488CF	681523
5.29	P20060R529EX	P20060R529CF	681524
5.57	P20060R557EX	P20060R557CF	681525
6.17	P20060R617EX	P20060R617CF	681526
6.50	P20060R650EX	P20060R650CF	681527

Single Axle - Single Reduction Carriers

P20060D - Premium 40 - w/ Diff Lock Option

Spline: 41 Involute

Gearing: 15.50" - 15.75" Hypoid

Side Gear Part Number: 127368

Fastener Kit: N/A

These new carrier units will directly replace single axle model P20060D, P21060D and P22060D models with no modifications. Tag on unit may be P20060D or RDP40.

Ratio	New Carrier Exchange	New Carrier Core Free	Old Carrier Part-NLA
3.08	RDP40308EX	RDP40308CF	676015
3.25	RDP40325EX	RDP40325CF	676016
3.36	RDP40336EX	RDP40336CF	676017
3.42	RDP40342EX	RDP40342CF	681540
3.55	RDP40355EX	RDP40355CF	676018
3.70	RDP40370EX	RDP40370CF	676019
3.90	RDP40390EX	RDP40390CF	676020
4.11	RDP40411EX	RDP40411CF	676021
4.33	RDP40433EX	RDP40433CF	676022
4.63	RDP40463EX	RDP40463CF	676023
4.88	RDP40488EX	RDP40488CF	676024
5.29	RDP40529EX	RDP40529CF	676025
5.57	RDP40557EX	RDP40557CF	676026
6.17	RDP40617EX	RDP40617CF	676027
6.50	RDP40650EX	RDP40650CF	676028
7.17	RDP40717EX	RDP40717CF	681444

P20060D - Premium 40 - w/ Diff Lock Option & Retarder Ready

Spline: 41 Involute

Gearing: 15.50" - 15.75" Hypoid

Side Gear Part Number: 127368

Fastener Kit: N/A

Ratio	New Carrier Exchange	New Carrier Core Free	Old Carrier Part-NLA
3.08	P20060DR308EX	P20060DR308CF	681463
3.25	P20060DR325EX	P20060DR325CF	681464
3.36	P20060DR336EX	P20060DR336CF	681465
3.55	P20060DR355EX	P20060DR355CF	681466
3.70	P20060DR370EX	P20060DR370CF	681467
3.90	P20060DR390EX	P20060DR390CF	681468
4.11	P20060DR411EX	P20060DR411CF	681469
4.33	P20060DR433EX	P20060DR433CF	681470
4.63	P20060DR463EX	P20060DR463CF	681471
4.88	P20060DR488EX	P20060DR488CF	681472
5.29	P20060DR529EX	P20060DR529CF	681473
5.57	P20060DR557EX	P20060DR557CF	681474
6.17	P20060DR617EX	P20060DR617CF	681475
6.50	P20060DR650EX	P20060DR650CF	681476
7.17	P20060DR717EX	P20060DR717CF	681477

Single Axle - Single Reduction Carriers

23090S - Standard Carrier

Spline: 36 Involute

Gearing: 17.00" Hypoid

Side Gear Part Number: 118959

Fastener Kit: 514299

These new carrier units will directly replace models 21080S, 21090S, 23080S, 23085S, 23090S and 26090S with no modifications. These units can be used as replacements for models 23070S when a new yoke and slinger is used. See yoke section for proper selection.

Ratio	New Carrier Core Free	Old Carrier Part-NLA
2.85	23080S285CF	675903
3.25	23080S325CF	674715
3.55	23080S355CF	674717
3.70	23080S370CF	674718
3.90	23080S390CF	674719
4.11	23080S411CF	674720
4.33	23080S433CF	674721
4.63	23080S463CF	675462
4.88	23080S488CF	675297
5.29	23080S529CF	675463
5.57	23080S557CF	675464
5.83	23080S583CF	675465
6.17	23080S617CF	675466
6.50	23080S650CF	675467
7.17	23080S717CF	676046

23090S - Standard Carrier w/ No Spin Option

Spline: 36 Involute

Gearing: 17.00" Hypoid

Side Gear Part Number: 118959

Fastener Kit: 514299

These new carrier units will directly replace models 21080S NS, 21090S NS, 23080S NS, 23085S NS, 23090S NS and 26090S NS with no modifications. These units can be used as replacements for models 23070S NS when a new yoke and slinger is used. See yoke section for proper selection.

Ratio	New Carrier Core Free	Old Carrier Part-NLA
3.70	23080SN370CF	510174
3.90	23080SN390CF	507904
4.33	23080SN433CF	217326HX
4.88	23080SN488CF	508524
5.29	23080SN529CF	508322
6.17	23080SN617CF	508222

23090D - Diff Lock Carrier

Spline: 36 Involute

Gearing: 17.00" Hypoid

Side Gear Part Number: 118959

Fastener Kit: 514299

See Note 1. These new carrier units will directly replace models 21080D, 21090D, 23080D, 23085D, 23090D and 26090D with no modifications. These units can be used as replacements for models 23070D when a new yoke and slinger is used. See yoke section for proper selection.

Ratio	New Carrier Core Free	Old Carrier Part-NLA
2.85	23090D285CF	675522
3.25	23090D325CF	674723
3.55	23090D355CF	674725
3.70	23090D370CF	674726
3.90	23090D390CF	674727
4.11	23090D411CF	674728
4.33	23090D433CF	674729
4.63	23090D463CF	675468
4.88	23090D488CF	675403
5.29	23090D529CF	675636
5.57	23090D557CF	675469
5.83	23090D583CF	675927
6.17	23090D617CF	675470
6.50	23090D650CF	675471

Note 1: Carriers use diff lock cover 129005, which is for standard applications. Some Navistar, Peterbilt and Kenworth vehicle applications call for carriers that use a special shift cover due to interference issues. Customers can use these carriers above and order special shift cover part number 130155 and cover plug part number 127195 separately.

23080S - Carrier - Bus Application (VanHool 11.36)

Spline: 36 Involute

Gearing: 17.00" Hypoid

Side Gear Part Number: 118959

Fastener Kit: N/A

These carriers are unique and application specific. Check OE or carrier part number and contact Dana Aftermarket Group for availability. These carriers are sold as original MFG part numbers.

Ratio	New Carrier Core Free	Old Carrier Part-NLA
3.42	N/A	831894
4.30	N/A	831895B

Single Axle - Single Reduction Carriers

G171 Carrier - Bus Application (Dennis Bus)

Spline: 46 Involute

Gearing: 18.00" Ring Gear Diameter

Side Gear Part Number: 300GD101

Fastener Kit: N/A

These carriers are unique and application specific. Check OE or carrier part number and contact Dana Aftermarket Group for availability. These carriers are sold as original MFG part numbers.

Ratio	New Carrier Core Free	Old Carrier Part-NLA
3.42	N/A	831630
4.30	N/A	831632

23130 - Standard Carrier

Spline: 36 Involute

Gearing: 18.00" Spiral Bevel

Side Gear Part Number: 86779

Fastener Kit: N/A

These carriers are unique and application specific. Check OE or carrier part number and contact Dana Aftermarket Group for availability. Standard 23130 models replace standard 23120 and 23130 with no modifications. These carriers are sold as original MFG part numbers.

Ratio	New Carrier Core Free	Old Carrier Part-NLA
4.88	N/A	513874

23130 - Standard Carrier w/ RH Spiral Gearing

Spline: 36 Involute

Gearing: 18.00" Spiral Bevel

Side Gear Part Number: 86779

Fastener Kit: N/A

These carriers are unique and application specific. Check OE or carrier part number and contact Dana Aftermarket Group for availability. Standard 23130 models replace standard 23120 and 23130 with no modifications. These carriers are sold as original MFG part numbers.

Ratio	New Carrier Core Free	Old Carrier Part-NLA
4.88	N/A	513873

23137 - Standard Carrier

Spline: 39 Involute

Gearing: 18.00" Spiral Bevel

Side Gear Part Number: 86779

Fastener Kit: N/A

These carriers are unique and application specific. These new carrier units will directly replace models 23127 and 23137 with no modifications. Check carrier part number, for ratios not listed contact Dana Aftermarket Group. These carriers are sold as original MFG part numbers.

Ratio	New Carrier Core Free	Old Carrier Part-NLA
4.11	N/A	514366
4.56	N/A	514367

23137 - Standard Carrier w/ RH Spiral Gearing

Spline: 39 Involute

Gearing: 18.00" Spiral Bevel

Side Gear Part Number: 86779

Fastener Kit: N/A

These carriers are unique and application specific. These new carrier units will directly replace models 23127 and 23137 with no modifications. Check carrier part number, for ratios not listed contact Dana Aftermarket Group. These carriers are sold as original MFG part numbers.

Ratio	New Carrier Core Free	Old Carrier Part-NLA
6.17	N/A	514376

Single Axle - Single Reduction Carriers

23430 - Controlled Traction Carrier

Spline: 36 Involute

Gearing: 18.00" Spiral Bevel

Side Gear Part Number: 93401/110632

Fastener Kit: N/A

These new carrier units will directly replace controlled traction models 23430, RC461, RC462, RC463 and RC521 standard carriers with no modifications. For early made models 19420, 23420 and 26420 use these units these and a new yoke and slinger. See yoke section for proper selection.

Ratio	New Carrier Core Free	Old Carrier Part-NLA
3.70	RC461370CF	674536
4.11	RC461411CF	674537
4.33	RC461433CF	674711
4.56	RC461456CF	674712
4.88	RC461488CF	674626
5.29	RC461529CF	675270
5.43	RC461543CF	674713
6.17	RC461617CF	674840
6.50	RC461650CF	508172
6.67	RC461667CF	674907

23430 - Controlled Traction Carrier w/ RH Spiral Gearing

Spline: 36 Involute

Gearing: 18.00" Spiral Bevel

Side Gear Part Number: 93401/110632

Fastener Kit: N/A

These carriers are unique and application specific. These new carrier units will directly replace controlled traction model 23430RH with no modifications. Check carrier part number, for ratios not listed contact Dana Aftermarket Group. These carriers are sold as original MFG part numbers.

Ratio	New Carrier Core Free	Old Carrier Part-NLA
4.88	N/A	514264
6.17	N/A	515271
6.17	N/A	219870 w/ Yoke
6.67	N/A	514302

23437 - Controlled Traction Carrier

Spline: 39 Involute

Gearing: 18.00" Spiral Bevel

Side Gear Part Number: 86779/94378

Fastener Kit: N/A

These carriers are unique and application specific. These new carrier units will directly replace controlled traction design models 23437 with no modifications. For ratios not listed contact Dana Aftermarket Group

Ratio	New Carrier Core Free	Old Carrier Part-NLA
5.43	23437543CF	674993
6.17	23437617CF	514863
6.67	23437667CF	514302

23437 - Controlled Traction Carrier w/ RH Spiral Gearing

Spline: 39 Involute

Gearing: 18.00" Spiral Bevel

Side Gear Part Number: 86779/94378

Fastener Kit: N/A

These carriers are unique and application specific. These new carrier units will directly replace controlled traction design models 23437 with no modifications. For ratios not listed contact Dana Aftermarket Group

Ratio	New Carrier Core Free	Old Carrier Part-NLA
4.88	N/A	219775
6.17	N/A	515184

Single Axle - Single Reduction Carriers

S170 - Standard Carrier

Spline: 46 Involute

Gearing: 18.00" Ring Gear Diameter

Side Gear Part Number: 300GD101

Fastener Kit: N/A

These new carrier units directly replace single axle models S21-170, S23-170, S26-170 and tandem rear-rear models R40-170, R46-170 with no modifications. Model on ID tag may be R46-170.

Ratio	New Carrier Exchange	New Carrier Core Free	Old Carrier Part-NLA
3.07	S170307EX	S170307CF	683183
3.21	S170321EX	S170321CF	683184
3.42	S170342EX	S170342CF	683186
3.58	S170358EX	S170358CF	683187
3.73	S170373EX	S170373CF	683188
3.91	S170391EX	S170391CF	683189
4.10	S170410EX	S170410CF	683190
4.30	S170430EX	S170430CF	683191
4.56	S170456EX	S170456CF	683192
4.78	S170478EX	S170478CF	683193
5.25	S170525EX	S170525CF	683194
5.38	S170538EX	S170538CF	683252
5.57	S170557EX	S170557CF	683253
6.14	S170614EX	S170614CF	683254
6.83	S170683EX	S170683CF	683255
7.17	S170717EX	S170717CF	683256

S170 - Standard Carrier w/ No Spin Option

Spline: 46 Involute

Gearing: 18.00" Ring Gear Diameter

No Spin Diff Part Number: 131882

Fastener Kit: N/A

These new carrier units directly replace single axle models S21-170NS, S23-170NS, S26-170NS and tandem rear-rear models R40-170NS and R46-170NS with no modifications. Model on ID tag may be R46-170NS.

Ratio	New Carrier Exchange	New Carrier Core Free	Old Carrier Part-NLA
3.07	S170N307EX	S170N307CF	683519
3.21	S170N321EX	S170N321CF	683520
3.42	S170N342EX	S170N342CF	683521
3.58	S170N358EX	S170N358CF	683522
3.73	S170N373EX	S170N373CF	683523
3.91	S170N391EX	S170N391CF	683524
4.10	S170N410EX	S170N410CF	683525
4.30	S170N430EX	S170N430CF	683408
4.56	S170N456EX	S170N456CF	683409
4.78	S170N478EX	S170N478CF	683410
5.25	S170N525EX	S170N525CF	683411
5.38	S170N538EX	S170N538CF	683412
5.57	S170N557EX	S170N557CF	683382
6.14	S170N614EX	S170N614CF	683413
6.83	S170N683EX	S170N683CF	683414
7.17	S170N717EX	S170N717CF	683526

Single Axle - Single Reduction Carriers

S170R - Retarder Ready Carrier

Spline: 46 Involute

Gearing: 18.00" Ring Gear Diameter

Side Gear Part Number: 300GD101

Fastener Kit: N/A

These new carrier units directly replace single axle models S23-170R, S26-170R and S30-170R with no modifications.

Ratio	New Carrier Exchange	New Carrier Core Free	Old Carrier Part-NLA
5.25	S170R525EX	S170R525CF	683349

S170FOBC - GenTech™ Quiet Gearing & Rolled Over

Spline: 46 Involute

Gearing: 18.00" Ring Gear Diameter

Side Gear Part Number: 300GD101

Fastener Kit: N/A

These new carrier units directly replace single axle models S21-170FOBC, S23-170FOBC, S25-170FOBC with no modifications.

Ratio	New Carrier Exchange	New Carrier Core Free	Old Carrier Part-NLA
4.30	S170BC430EX	S170BC430CF	683394
4.78	S170BC478EX	S170BC478CF	683500

S170D - Diff Lock Carrier

Spline: 46 Involute

Gearing: 18.00" Ring Gear Diameter

Side Gear Part Number: 300GD101

Fastener Kit: N/A

These new carrier units directly replace single axle models S21-170D, S23-170D, S25-170D and tandem rear-rear models R40-170D, R46-170D, R50-170D with no modifications.

Ratio	New Carrier Exchange	New Carrier Core Free	Old Carrier Part-NLA
3.07	S170D307EX	S170D307CF	683198
3.21	S170D321EX	S170D321CF	683199
3.42	S170D342EX	S170D342CF	683201
3.58	S170D358EX	S170D358CF	683202
3.73	S170D373EX	S170D373CF	683203
3.91	S170D391EX	S170D391CF	683204
4.10	S170D410EX	S170D410CF	683205
4.30	S170D430EX	S170D430CF	683206
4.56	S170D456EX	S170D456CF	683207
4.78	S170D478EX	S170D478CF	683208
5.25	S170D525EX	S170D525CF	683209
5.38	S170D538EX	S170D538CF	683257
5.57	S170D557EX	S170D557CF	683258
6.14	S170D614EX	S170D614CF	683259
6.83	S170D683EX	S170D683CF	683260
7.17	S170D717EX	S170D717CF	683261

Single Axle - Single Reduction Carriers

S170DR - Diff Lock w/Retarder Ready Option Carrier

Spline: 46 Involute

Gearing: 18.00" Ring Gear Diameter

Side Gear Part Number: 300GD101

Fastener Kit: N/A

These new carrier units directly replace single axle models S23-170DR, S26-170DR and S30-170DR with no modifications.

Ratio	New Carrier Exchange	New Carrier Core Free	Old Carrier Part-NLA
5.25	S170DR525EX	S170DR525CF	683350

S170D BC - Diff Lock w/GenTech™ Quiet Gearing

Spline: 46 Involute

Gearing: 18.00" Ring Gear Diameter

Side Gear Part Number: 300GD101

Fastener Kit: N/A

These new carrier units directly replace single axle models S23-170D BC, S26-170D BC with no modifications.

Ratio	New Carrier Exchange	New Carrier Core Free	Old Carrier Part-NLA
4.30	S170DBC430EX	S170DBC430CF	683501
4.78	S170DBC478EX	S170DBC478CF	683502

S190 - Standard Carriers

Spline: 46 Involute

Gearing: 18.50" Ring Gear Diameter

Side Gear Part Number: 300GD101

Fastener Kit: 512897

These new carrier units will directly replace single axle models S23-190, S26-190, S30-190 and tandem rear rear models R46-190, R52-190, R60-190 with no modifications.

Ratio	New Carrier Exchange	New Carrier Core Free	Old Carrier Part-NLA
2.53	S190253EX	S190253CF	683288
2.69	S190269EX	S190269CF	683210
2.87	S190287EX	S190287CF	683211
2.93	S190293EX	S190293CF	683212
3.07	S190307EX	S190307CF	683213
3.21	S190321EX	S190321CF	683214
3.42	S190342EX	S190342CF	683216
3.58	S190358EX	S190358CF	683217
3.73	S190373EX	S190373CF	683218
3.91	S190391EX	S190391CF	683219
4.10	S190410EX	S190410CF	683220
4.30	S190430EX	S190430CF	683221
4.56	S190456EX	S190456CF	683222
4.78	S190478EX	S190478CF	683223
5.25	S190525EX	S190525CF	683224
5.38	S190538EX	S190538CF	683225
5.57	S190557EX	S190557CF	683226
6.14	S190614EX	S190614CF	683227
6.83	S190683EX	S190683CF	683228
7.17	S190717EX	S190717CF	683229
7.83	S190783EX	S190783CF	683230

Single Axle - Single Reduction Carriers

S190 - Standard Carriers w/ No Spin Option

Spline: 46 Involute

Gearing: 18.50" Ring Gear Diameter

No Spin Diff Part Number: 131882

Fastener Kit: 512897

These new carrier units will directly replace single axle models S23-190NS and S26-190NS and tandem rear rear models R46-190NS and R52-190NS with no modifications.

Ratio	New Carrier Exchange	New Carrier Core Free	Old Carrier Part-NLA
2.69	S190N269EX	S190N269CF	683527
2.87	S190N287EX	S190N287CF	683528
2.93	S190N293EX	S190N293CF	683529
3.07	S190N307EX	S190N307CF	683530
3.21	S190N321EX	S190N321CF	683531
3.42	S190N342EX	S190N342CF	683532
3.58	S190N358EX	S190N358CF	683533
3.73	S190N373EX	S190N373CF	683534
3.91	S190N391EX	S190N391CF	683535
4.10	S190N410EX	S190N410CF	683536
4.30	S190N430EX	S190N430CF	683537
4.56	S190N456EX	S190N456CF	683538
4.78	S190N478EX	S190N478CF	683539
5.25	S190N525EX	S190N525CF	683540
5.38	S190N538EX	S190N538CF	683415
5.57	S190N557EX	S190N557CF	683416
6.14	S190N614EX	S190N614CF	683417
6.83	S190N683EX	S190N683CF	683418
7.17	S190N717EX	S190N717CF	683541
7.83	S190N783EX	S190N783CF	683542

S190D - Diff Lock Carrier

Spline: 46 Involute

Gearing: 18.50" Ring Gear Diameter

Side Gear Part Number: 300GD101

Fastener Kit: 512897

These new carrier units will directly replace tandem rear-rear models R46-190D, R52-190D, R60-190D and single axle models S23-190D, S26-190D, and S30-190D with no modifications.

Ratio	New Carrier Exchange	New Carrier Core Free	Old Carrier Part-NLA
2.53	S190D253EX	S190D253CF	683478
2.69	S190D269EX	S190D269CF	683231
2.87	S190D287EX	S190D287CF	683232
2.93	S190D293EX	S190D293CF	683233
3.07	S190D307EX	S190D307CF	683234
3.21	S190D321EX	S190D321CF	683235
3.42	S190D342EX	S190D342CF	683237
3.58	S190D358EX	S190D358CF	683238
3.73	S190D373EX	S190D373CF	683239
3.91	S190D391EX	S190D391CF	683240
4.10	S190D410EX	S190D410CF	683241
4.30	S190D430EX	S190D430CF	683242
4.56	S190D456EX	S190D456CF	683243
4.78	S190D478EX	S190D478CF	683244
5.25	S190D525EX	S190D525CF	683245
5.38	S190D538EX	S190D538CF	683246
5.57	S190D557EX	S190D557CF	683247
6.14	S190D614EX	S190D614CF	683248
6.83	S190D683EX	S190D683CF	683249
7.17	S190D717EX	S190D717CF	683250
7.83	S190D783EX	S190D783CF	683251

Single Axle - Single Reduction Carriers

S190R - Retarder Ready Option Carrier

Spline: 46 Involute

Gearing: 18.50" Ring Gear Diameter

Side Gear Part Number: 300GD101

Fastener Kit: 512897

These new carrier units will directly replace single axle models S30-190R with no modifications.

Ratio	New Carrier Exchange	New Carrier Core Free	Old Carrier Part-NLA
3.07	S190R307EX	S190R307CF	683543
3.21	S190R321EX	S190R321CF	683544
3.42	S190R342EX	S190R342CF	683545
3.58	S190R358EX	S190R358CF	683546
3.73	S190R373EX	S190R373CF	683547
3.91	S190R391EX	S190R391CF	683548
4.10	S190R410EX	S190R410CF	683549
4.30	S190R430EX	S190R430CF	683550
4.56	S190R456EX	S190R456CF	683551
4.78	S190R478EX	S190R478CF	683552
5.25	S190R525EX	S190R525CF	683553
5.38	S190R538EX	S190R538CF	683554
5.57	S190R557EX	S190R557CF	683479
6.14	S190R614EX	S190R614CF	683555

S190DR - Diff Lock w/Retarder Ready Option Carrier

Spline: 46 Involute

Gearing: 18.50" Ring Gear Diameter

Side Gear Part Number: 300GD101

Fastener Kit: 512897

These new carrier units will directly replace single axle models S26-190DR and S30-190DR with no modifications.

Ratio	New Carrier Exchange	New Carrier Core Free	Old Carrier Part-NLA
3.07	S190DR307EX	S190DR307CF	683593
3.21	S190DR321EX	S190DR321CF	683594
3.42	S190DR342EX	S190DR342CF	683595
3.58	S190DR358EX	S190DR358CF	683596
3.73	S190DR373EX	S190DR373CF	683597
3.91	S190DR391EX	S190DR391CF	683598
4.10	S190DR410EX	S190DR410CF	683599
4.30	S190DR430EX	S190DR430CF	683600
4.56	S190DR456EX	S190DR456CF	683601
4.78	S190DR478EX	S190DR478CF	683602
5.25	S190DR525EX	S190DR525CF	683603
5.38	S190DR538EX	S190DR538CF	683604
5.57	S190DR557EX	S190DR557CF	683605
6.14	S190DR614EX	S190DR614CF	683592

Single Axle - Two-Speed Carriers

19060T - Two Speed Carrier

Spline: 39 Involute

Gearing: 16.50"

Side Gear Part Number: 110525

Fastener Kit: N/A

These new carrier units will directly replace single axle models 19060T and tandem rear-rear axle model RT341 with no modifications.

Ratio	New Carrier Core Free	Old Carrier Part-NLA
3.70/5.05	19060T370505CF	675275
4.11/5.61	19060T411561CF	675459
4.33/5.91	19060T433591CF	675299
4.56/6.21	19060T456621CF	675374
4.88/6.55	19060T488665CF	674920
5.57/7.60	19060T557760CF	674905
6.14/8.38	19060T614855CF	674930
7.17/9.77	19060T717977CF	674787

IMPORTANT: If replacing 19055T carriers, be sure to use correct replacement carrier-to-fasteners. See Hardware Kits section of this IPL.

19060T = English threaded fasteners

19055T = Metric threaded fasteners

21060T - Two Speed Carrier

Spline: 41 Involute

Gearing: 16.00" Spiral Bevel (3.36-3.70 Ratio)

Gearing: 16.50" Spiral Bevel (3.90-7.17 Ratio)

Side Gear Part Number: 110527

Fastener Kit: N/A

See Note 1. These new carrier units will directly replace models 21060T, 22060T, RT381, RT402, RT403. Also can replace 21065T (see note 1).

These units can be used as a replacement for model 22220 when a new yoke and slinger is used. See yoke section for proper selection.

Ratio	New Carrier Core Free	Old Carrier Part-NLA
3.70/5.05	RT402370504CF	674698
4.11/5.61	RT402411561CF	674559
4.33/5.91	RT402433591CF	674560
4.56/6.21	RT402456621CF	674561
4.88/6.65	RT402488665CF	674565
5.29/7.21	21065T529721CF*	674699
5.57/7.60	RT402557760CF	674700
6.14/8.38	RT402614838CF	674701
6.57/8.96	RT402657896CF	675460
7.17/9.77	RT402717977CF	675461

Note 1: *If replacing a 21065T or 22065T w/21060T service carrier (or vice versa), be sure to use correct replacement Carrier to Hsg Fastener kit. See Hardware Kits section of this IPL.

RT402/21060T = English threaded fasteners

21065/22065T = Metric threaded fasteners

Single Axle - Two-Speed Carriers

19055T - Two Speed Carrier

Spline: 39 Involute

Gearing: 17"

Side Gear Part Number: 110525

Fastener Kit: N/A

See Note 1. These new carrier units will directly replace single axle models 19055T models with no modifications.

Ratio	New Carrier Core Free	Old Carrier Part-NLA
4.11/5.61	19055T411561CF	211343
4.33/5.91	19055T433591CF	681567
5.29/7.21	19055T529721CF	681568
6.17/8.41	19055T617841CF	681569
6.50/8.86	19055T650886CF	681570

Note 1: If replacing 19055T carriers, be sure to use correct replacement carrier-to-fasteners.

19060T = English threaded fasteners

19055T = Metric threaded fasteners

19055T - Two Speed Carrier w/ Parking Brake Option

Spline: 39 Involute

Gearing: 17"

Side Gear Part Number: 110525

Fastener Kit: N/A

See Note 1. These new carrier units will directly replace single axle models 19055T PB models with no modifications.

Ratio	New Carrier Core Free	Old Carrier Part-NLA
3.90/5.32	19055TR390532CF	681555
4.11/5.61	19055TR411561CF	681556
4.88/6.55	19055TR488665CF	681557
5.29/7.21	19055TR529721CF	681558
6.17/8.41	19055TR617841CF	681559
6.50/8.86	19055TR650886CF	515507
7.17/9.77	19055TR717977CF	681560

Note 1: If replacing 19055T carriers, be sure to use correct replacement carrier-to-fasteners.

19060T = English threaded fasteners

19055T = Metric threaded fasteners

19055T NS - Two Speed Carrier w/ No Spin Option

Spline: 39 Involute

Gearing: 17"

No Spin Diff Part Number: 110829

Fastener Kit: N/A

These new carrier units will directly replace single axle model 19055T NS with no modifications.

Ratio	New Carrier Core Free	Old Carrier Part-NLA
5.57/7.75	19055TN557760CF	681554
6.17/8.41	19055TN617841CF	681553
7.17/9.77	19055TN717977CF	681552

Note 1: If replacing 19055T NS carriers, be sure to use correct replacement carrier-to-fasteners.

19060T = English threaded fasteners

19055T = Metric threaded fasteners

19055T NS - Two Speed Carrier w/ No Spin & Parking Brake Options

Spline: 39 Involute

Gearing: 17"

No Spin Diff Part Number: 110829

Fastener Kit: N/A

These new carrier units will directly replace single axle model 19055T NS PB models with no modifications.

Ratio	New Carrier Core Free	Old Carrier Part-NLA
3.90/5.32	19055TNR390532CF	681561
4.33/5.91	19055TNR433591CF	681566

Note 1: If replacing 19055T NS carriers, be sure to use correct replacement carrier-to-fasteners.

19060T = English threaded fasteners

19055T = Metric threaded fasteners

Single Axle - Two-Speed Carriers

21065T - Two Speed Carrier

Spline: 41 Involute

Gearing: 17"

Side Gear Part Number: 110527

Fastener Kit: N/A

These new carrier units will directly replace single axle models 21065T, 22065T and 23065T models with no modifications.

Ratio	New Carrier Core Free	Old Carrier Part-NLA
3.70/5.05	21065T370505CF	681541
3.90/5.32	21065T390532CF	681542
4.11/5.61	21065T411561CF	681543
4.33/5.91	21065T433591CF	681544
4.63/6.31	21065T463631CF	681545
4.88/6.55	21065T488665CF	681546
5.29/7.21	21065T529721CF	681547
5.57/7.60	21065T557760CF	681548
6.17/8.41	21065T617841CF	681549
6.50/8.86	21065T650886CF	681550
7.17/9.77	21065T717977CF	681551

Note 1: If replacing 21065T carriers, be sure to use correct replacement carrier-to-fasteners.

21060T = English threaded fasteners

21065T = Metric threaded fasteners

21065T - Two Speed Carrier w/ No Spin Option

Spline: 41 Involute

Gearing: 17"

No Spin Diff Part Number: 110830

Fastener Kit: N/A

These new carrier units will directly replace single axle models 21065TN, 22065TN and 23065TN models with no modifications.

Ratio	New Carrier Core Free	Old Carrier Part-NLA
3.90/5.32	21065TN390532CF	219486
5.57/7.60	21065TN557760CF	681648
6.50/8.86	21065TN650886CF	121948

Note 1: If replacing 21065T carriers, be sure to use correct replacement carrier-to-fasteners.

21060T = English threaded fasteners

21065T = Metric threaded fasteners

23080T - Two Speed Carrier w/ 113866 Pinion Seal

Spline: 36 Involute

Gearing: 18.00"

Side Gear Part Number: 118959

Pinion Seal Part Number: 113866

Fastener Kit: N/A

These new carrier units will replace models 23080T, 23082T and 26080T used in single axle applications that require the 113866 design pinion seal. Verify carrier seal design or call with original carrier part number.

Ratio	New Carrier Core Free	Old Carrier Part-NLA
3.70/5.04	23080T370504CF	509350
3.90/5.31	23080T390531CF	681405
4.11/5.60	23080T411560CF	N/A
4.33/5.91	23080T433591CF	508326
4.56/6.20	23080T456620CF	508343
4.88/6.64	23080T488664CF	675618
5.43/7.39	23080T543739CF	681361
6.17/8.40	23080T617840CF	508223
6.67/9.08	23080T667908CF	675610

23080T - Two Speed Carrier w/ 113866 Pinion Seal w/ No Spin Option

Spline: 36 Involute

Gearing: 18.00"

No Spin Diff Part Number: 126211

Pinion Seal Part Number: 113866

Fastener Kit: N/A

These new carrier units will replace models 23080T, 23082T and 26080T used in single axle applications that require the 113866 design pinion seal. Verify carrier seal design or call with original carrier part number.

Ratio	New Carrier Core Free	Old Carrier Part-NLA
3.70/5.04	RT461N370504CF	122553
3.90/5.32	RT461N390532CF	213603
4.11/5.60	RT461N411560CF	124632
4.33/5.90	RT461N433590CF	681388
4.56/6.21	RT461N456621CF	681389
4.88/6.64	RT461N488664CF	681390
5.43/7.39	RT461N543739CF	217742
6.17/8.40	RT461N617840CF	214525
6.67/9.08	RT461N667908CF	214962

Single Axle - Double Reduction Carriers

23080P - Double Reduction Carrier

Spline: 36 Involute

Gearing: 18.00" Spiral Bevel

Side Gear Part Number: 118959

Pinion Seal Part Number: 210724

Fastener Kit: N/A

See Note 1. These new carrier units will directly replace single axle models 23080P, 23082P, 26080P, 26085P, 35055P (for 23327, 35327 see NOTE 1).

Ratio	New Carrier Core Free	Old Carrier Part-NLA
5.04	RP461504CF	674977
5.31	RP461531CF	675512
5.60	RP461560CF	674932
5.90	RP461590CF	674671
6.20	RP461620CF	674937
6.64	RP461664CF	674672
7.39	RP461739CF	674673
8.40	RP461840CF	675225
9.08	RP461908CF*	674674*

*This carrier uses the 113866 pinion seal

Note 1: Models 23327, 35327 were made with 39 Involute side gears. If a replacement carrier with 39 Involute is not available, the 23080P models with 36 Involute spline side gears can be used as a replacements, **but the axle shafts must also be replaced.** See Axle Shaft IPL AXIP-0078 for part number listing.

S590 - Double Reduction Carrier

Spline: 46 Involute

Gearing: 18.50" Ring Gear Diameter

Side Gear Part Number: 300GD101

Fastener Kit: N/A

These new carrier units will directly replace single axle models S23-590, S26-590, S30-590, S35-590 and can replace rear-rear tandem models R46-590, R52-590, R60-590, R70-590 with no modifications.

Ratio	New Carrier Exchange	New Carrier Core Free	Old Carrier Part-NLA
4.75	S590475EX	S590475CF	683152
4.99	S590499EX	S590499CF	683153
5.19	S590519EX	S590519CF	683154
5.44	S590544EX	S590544CF	683155
5.70	S590570EX	S590570CF	683156
5.98	S590598EX	S590598CF	683157
6.34	S590634EX	S590634CF	683158
6.65	S590665EX	S590665CF	683159
7.30	S590730EX	S590730CF	683160
7.48	S590748EX	S590748CF	683161
7.75	S590775EX	S590775CF	683162
8.55	S590855EX	S590855CF	683163
9.51	S590951EX	S590951CF	683164
9.97	S590997EX	S590997CF	683165
10.90	S5901090EX	S5901090CF	683276

23080P - Double Reduction Carrier w/ No Spin Option

Spline: 36 Involute

Gearing: 18.00" Spiral Bevel

Pinion Seal Part Number: 210724

No Spin Diff Part Number: 126211

Fastener Kit: N/A

See Note 1. These new carrier units will directly replace single axle models 23080P, 23082P, 26080P, 26085P, 35055P (for 23327, 35327 see NOTE 1).

Ratio	New Carrier Core Free	Old Carrier Part-NLA
5.04	RP461N504CF	123106HX
5.90	RP461N590CF	510857
6.20	RP461N620CF	211557

Note 1: Models 23327, 35327 were made with 39 Involute side gears. If a replacement carrier with 39 Involute is not available, the 23080P models with 36 Involute spline side gears can be used as a replacements, **but the axle shafts must also be replaced.** See Axle Shaft IPL AXIP-0078 for part number listing.

S590D - Double Reduction Carrier w/ Diff Lock Option

Spline: 46 Involute

Gearing: 18.50" Ring Gear Diameter

Side Gear Part Number: 300GD101

Fastener Kit: N/A

These new carrier units will directly replace single axle models S23-590D, S26-590D, S30-590D and S35-590D and replace rear-rear tandem models R52-590D, R60-590D, R70-590D with no modifications.

Ratio	New Carrier Exchange	New Carrier Core Free	Old Carrier Part-NLA
4.75	S590D475EX	S590D475CF	683166
4.99	S590D499EX	S590D499CF	683167
5.19	S590D519EX	S590D519CF	683168
5.44	S590D544EX	S590D544CF	683169
5.70	S590D570EX	S590D570CF	683564
5.98	S590D598EX	S590D598CF	683621
6.34	S590D634EX	S590D634CF	683391
6.65	S590D665EX	S590D665CF	683393
7.30	S590D730EX	S590D730CF	683565
7.48	S590D748EX	S590D748CF	683566
7.75	S590D775EX	S590D775CF	683567
8.55	S590D855EX	S590D855CF	683392
9.51	S590D951EX	S590D951CF	683568
9.97	S590D997EX	S590D997CF	683569
10.90	S590D1090EX	S590D1090CF	683277

Single Axle - High Entry Carriers

S170E - High Entry Carrier

Spline: 46 Involute

Gearing: 18.00" Ring Gear Diameter

Side Gear Part Number: 300GD101

Fastener Kit: 512896

These new carrier units directly replace single axle models S21-170E, S23-170E with no modifications.

Ratio	New Carrier Exchange	New Carrier Core Free	Old Carrier Part-NLA
3.07	S170E307EX	S170E307CF	683483
3.21	S170E321EX	S170E321CF	683484
3.42	S170E342EX	S170E342CF	683486
3.58	S170E358EX	S170E358CF	683487
3.73	S170E373EX	S170E373C	683488
3.91	S170E391EX	S170E391CF	683489
4.10	S170E410EX	S170E410CF	683490
4.30	S170E430EX	S170E430CF	683491
4.56	S170E456EX	S170E456CF	683492
4.78	S170E478EX	S170E478CF	683493
5.25	S170E525EX	S170E525CF	683494
5.38	S170E538EX	S170E538CF	683495
5.57	S170E557EX	S170E557CF	683496
6.14	S170E614EX	S170E614CF	683497
6.83	S170E683EX	S170E683CF	683498
7.17	S170E717EX	S170E717CF	683499

S170DE - High Entry Carrier w/ Diff Lock Option

Spline: 46 Involute

Gearing: 18.00" Ring Gear Diameter

Side Gear Part Number: 300GD101

Fastener Kit: 512896

These new carrier units directly replace single axle models S21-170DE and S23-170DE with no modifications.

Ratio	New Carrier Exchange	New Carrier Core Free	Old Carrier Part-NLA
3.07	S170DE307EX	S170DE307CF	683503
3.21	S170DE321EX	S170DE321CF	683504
3.42	S170DE342EX	S170DE342CF	683505
3.58	S170DE358EX	S170DE358CF	683506
3.73	S170DE373EX	S170DE373CF	683507
3.91	S170DE391EX	S170DE391CF	683508
4.10	S170DE410EX	S170DE410CF	683509
4.30	S170DE430EX	S170DE430CF	683510
4.56	S170DE456EX	S170DE456CF	683511
4.78	S170DE478EX	S170DE478CF	683512
5.25	S170DE525EX	S170DE525CF	683513
5.38	S170DE538EX	S170DE538CF	683514
5.57	S170DE557EX	S170DE557CF	683515
6.14	S170DE614EX	S170DE614CF	683516
6.83	S170DE683EX	S170DE683CF	683517
7.17	S170DE717EX	S170DE717CF	683518

Single Axle - High Entry Carriers

S190E - High Entry Carrier

Spline: 46 Involute

Gearing: 18.50" Ring Gear Diameter

Side Gear Part Number: 300GD101

Fastener Kit: 512896

These new carrier units will directly replace single axle models S23-190E, S26-190E and S30-190E with no modifications.

Ratio	New Carrier Exchange	New Carrier Core Free	Old Carrier Part-NLA
3.42	S190E342EX	S190E342CF	683556
3.58	S190E358EX	S190E358CF	683125
3.73	S190E373EX	S190E373CF	683557
3.91	S190E391EX	S190E391CF	683558
4.10	S190E410EX	S190E410CF	683559
4.30	S190E430EX	S190E430CF	683560
4.56	S190E456EX	S190E456CF	683130
4.78	S190E478EX	S190E478CF	683131
5.25	S190E525EX	S190E525CF	683561
5.38	S190E538EX	S190E538CF	683133
5.57	S190E557EX	S190E557CF	683134
6.14	S190E614EX	S190E614CF	683135
6.83	S190E683EX	S190E683CF	683562
7.17	S190E717EX	S190E717CF	683137
7.83	S190E783EX	S190E783CF	683563

S190DE - High Entry Carrier w/ Diff Lock Option

Spline: 46 Involute

Gearing: 18.50" Ring Gear Diameter

Side Gear Part Number: 300GD101

Fastener Kit: 512896

These new carrier units will directly replace single axle models S23-190DE, S26-190DE and S30-190DE with no modifications.

Ratio	New Carrier Exchange	New Carrier Core Free	Old Carrier Part-NLA
3.42	S190DE342EX	S190DE342CF	683138
3.58	S190DE358EX	S190DE358CF	683139
3.73	S190DE373EX	S190DE373CF	683140
3.91	S190DE391EX	S190DE391CF	683141
4.10	S190DE410EX	S190DE410CF	683142
4.30	S190DE430EX	S190DE430CF	683143
4.56	S190DE456EX	S190DE456CF	683144
4.78	S190DE478EX	S190DE478CF	683145
5.25	S190DE525EX	S190DE525CF	683146
5.38	S190DE538EX	S190DE538CF	683147
5.57	S190DE557EX	S190DE557CF	683148
6.14	S190DE614EX	S190DE614CF	683149
6.83	S190DE683EX	S190DE683CF	683150
7.17	S190DE717EX	S190DE717CF	683151

Tandem Drive Axle - Single Reduction Carriers

D155 - Standard Carrier

Spline: 41 Involute

Gearing: 15.5" Hypoid

Side Gear Part Number: 127368

Fastener Kit: N/A

These new carrier units will directly replace model D40-155 with no modifications.

Ratio	New Carrier Exchange	Old Carrier Part-NLA
2.26	D155226EX	684000
2.39	D155239EX	684001
2.53	D155253EX	684002
2.64	D155264EX	684003
2.79	D155279EX	684004

D155D - Standard Carrier w/ Diff Lock Option

Spline: 41 Involute

Gearing: 15.5" Hypoid

Side Gear Part Number: 127368

Fastener Kit: N/A

These new carrier units will directly replace model D40-155D with no modifications.

Ratio	New Carrier Exchange	Old Carrier Part-NLA
2.26	D155D226EX	684010
2.39	D155D239EX	684011
2.53	D155D253EX	684012
2.64	D155D264EX	684013
2.79	D155D279EX	684014

D155P - Standard Carrier w/ Pump Option

Spline: 41 Involute

Gearing: 15.5" Hypoid

Side Gear Part Number: 127368

Fastener Kit: N/A

These new carrier units will directly replace model D40-155P with no modifications.

Ratio	New Carrier Exchange	Old Carrier Part-NLA
2.26	D155P226EX	684005
2.39	D155P239EX	684006
2.53	D155P253EX	684007
2.64	D155P264EX	684008
2.79	D155P279EX	684009

D155DP - Standard Carrier w/ Diff Lock & Pump Options

Spline: 41 Involute

Gearing: 15.5" Hypoid

Side Gear Part Number: 127368

Fastener Kit: N/A

These new carrier units will directly replace model D40-155DP with no modifications.

Ratio	New Carrier Exchange	Old Carrier Part-NLA
2.26	D155DP226EX	684015
2.39	D155DP239EX	684016
2.53	D155DP253EX	684017
2.64	D155DP264EX	684018
2.79	D155DP279EX	684019

Tandem Drive Axle - Single Reduction Carriers

D156 - Standard Carrier

Spline: 41 Involute

Gearing: 15.5" Hypoid

Side Gear Part Number: 127368

Fastener Kit: N/A

These new carrier units will directly replace model D40-156 with no modifications.

Ratio	New Carrier Exchange	Old Carrier Part-NLA
2.93	D156293EX	684020
3.08	D156308EX	684021
3.23	D156323EX	684022
3.36	D156336EX	684023
3.42	D156342EX	684024
3.55	D156355EX	684025
3.70	D156370EX	684026
3.91	D156391EX	684027

D156D - Standard Carrier w/ Diff Lock Option

Spline: 41 Involute

Gearing: 15.5" Hypoid

Side Gear Part Number: 127368

Fastener Kit: N/A

These new carrier units will directly replace model D40-156D with no modifications.

Ratio	New Carrier Exchange	Old Carrier Part-NLA
2.93	D156D293EX	684036
3.08	D156D308EX	684037
3.23	D156D323EX	684038
3.36	D156D336EX	684039
3.42	D156D342EX	684040
3.55	D156D355EX	684041
3.70	D156D370EX	684042
3.91	D156D391EX	684043

D156P - Standard Carrier w/ Pump Option

Spline: 41 Involute

Gearing: 15.5" Hypoid

Side Gear Part Number: 127368

Fastener Kit: N/A

These new carrier units will directly replace model D40-156P with no modifications.

Ratio	New Carrier Exchange	Old Carrier Part-NLA
2.93	D156P293EX	684028
3.08	D156P308EX	684029
3.23	D156P323EX	684030
3.36	D156P336EX	684031
3.42	D156P342EX	684032
3.55	D156P355EX	684033
3.70	D156P370EX	684034
3.91	D156P391EX	684035

D156DP - Standard Carrier w/ Diff Lock & Pump Options

Spline: 41 Involute

Gearing: 15.5" Hypoid

Side Gear Part Number: 127368

Fastener Kit: N/A

These new carrier units will directly replace model D40-156DP with no modifications.

Ratio	New Carrier Exchange	Old Carrier Part-NLA
2.93	D156DP293EX	684044
3.08	D156DP308EX	684045
3.23	D156DP323EX	684046
3.36	D156DP336EX	684047
3.42	D156DP342EX	684048
3.55	D156DP355EX	684049
3.70	D156DP370EX	684050
3.91	D156DP391EX	684051

Tandem Drive Axle - Single Reduction Carriers

R155/156 - Standard Carrier

Spline: 41 Involute

Gearing: 15.5" Hypoid

Side Gear Part Number: 127368

Fastener Kit: N/A

These new carrier units will directly replace models R40-155 and R40-156 with no modifications.

Ratio	New Carrier Exchange	Old Carrier Part-NLA
2.26	R155226EX	684052
2.39	R155239EX	684053
2.53	R155253EX	684054
2.64	R155264EX	684055
2.79	R155279EX	684056
2.93	R155293EX	684057
3.08	R155308EX	684058
3.23	R155323EX	684059
3.36	R155336EX	684060
3.42	R155342EX	684061
3.55	R155355EX	684062
3.70	R155370EX	684063
3.91	R155391EX	684064

R155/156D - Standard Carrier w/ Diff Lock Option

Spline: 41 Involute

Gearing: 15.5" Hypoid

Side Gear Part Number: 127368

Fastener Kit: N/A

These new carrier units will directly replace models R40-155D and R40-156D with no modifications.

Ratio	New Carrier Exchange	Old Carrier Part-NLA
2.26	R155D226EX	684065
2.39	R155D239EX	684066
2.53	R155D253EX	684067
2.64	R155D264EX	684068
2.79	R155D279EX	684069
2.93	R155D293EX	684070
3.08	R155D308EX	684071
3.23	R155D323EX	684072
3.36	R155D336EX	684073
3.42	R155D342EX	684074
3.55	R155D355EX	684075
3.70	R155D370EX	684076
3.91	R155D391EX	684077

DS341 - Standard Carrier

Spline: 39 Involute

Gearing: 16.50" Spiral Bevel (3.90-7.17 Ratio)

Side Gear Part Number: 110525

Fastener Kit: N/A

These new carrier units will directly replace model DS341 with no modifications.

Ratio	New Carrier Core Free	Old Carrier Part-NLA
3.55	DS341355CF	674898
3.70	DS341370CF	675615
4.11	DS341411CF	675276
4.33	DS341433CF	674931
4.56	DS341456CF	675245

RS341 - Standard Carrier

Spline: 39 Involute

Gearing: 16.50" Spiral Bevel (3.90-7.17 Ratio)

Side Gear Part Number: 110525

Fastener Kit: N/A

These new carrier units will directly replace models RS341 and 17130 with no modifications.

Ratio	New Carrier Core Free	Old Carrier Part-NLA
3.36	RS341336CF	219323
4.11	RS341411CF	675277
4.56	RS341456CF	674900
4.88	RS341488CF	675472
5.29	RS341529CF	675537
5.57	RS341557CF	675355

Tandem Drive Axle - Single Reduction Carriers

DS402 - Standard Carrier

Spline: 41 Involute

Gearing: 16.00" Spiral Bevel (3.36-3.70 Ratio)

Gearing: 16.50" Spiral Bevel (3.90-7.17 Ratio)

Side Gear Part Number: 110527

Fastener Kit: N/A

These new carrier units will directly replace models DS381, DS402 and DS451 built with 41 Involute spline side gears.

(See Note 1)

Ratio	New Carrier Core Free	Old Carrier Part-NLA
3.36	DS402336CF	674456
3.55	DS402355CF	674457
3.70	DS402370CF	674458
3.90	DS402390CF	674459
4.11	DS402411CF	674460
4.33	DS402433CF	674461
4.56	DS402456CF	674633
4.88	DS402488CF	674688
5.57	DS402557CF	674690

Note 1: In Nov. 1995, the models DS/RS451 were produced in both 33 and 41 Involute side gear configurations. **Before ordering a service carrier verify correct spline count.**

RS402 - Standard Carrier

Spline: 41 Involute

Gearing: 16.00" Spiral Bevel (3.36-3.70 Ratio)

Gearing: 16.50" Spiral Bevel (3.90-7.17 Ratio)

Side Gear Part Number: 110527

Fastener Kit: N/A

See Note 1. These new carrier units will directly replace models RS381, RS402 and RS451 built with 41 Involute spline side gears.

Ratio	New Carrier Core Free	Old Carrier Part-NLA
3.36	RS402336CF	674468
3.55	RS402355CF	674469
3.70	RS402370CF	674470
3.90	RS402390CF	674471
4.11	RS402411CF	674472
4.33	RS402433CF	674473
4.56	RS402456CF	674634
4.88	RS402488CF	674693
5.29	RS402529CF	674694
5.57	RS402557CF	674695

Note 1: In Nov. 1995, the models DS/RS451(P) were produced in both 33 and 41 Involute side gear configurations. **Before ordering a service carrier verify correct spline count.**

DS402P - Standard Carrier w/Pump Option

Spline: 41 Involute

Gearing: 16.00" Spiral Bevel (3.36-3.70 Ratio)

Gearing: 16.50" Spiral Bevel (3.90-7.17 Ratio)

Side Gear Part Number: 110527

Fastener Kit: N/A

These new carrier units will directly replace models DS381(P), DS402(P) and DS451(P) built with 41 Involute spline side gears.

(See Note 1)

Ratio	New Carrier Core Free	Old Carrier Part-NLA
3.36	DS402P336CF	674462
3.55	DS402P355CF	674463
3.70	DS402P370CF	674464
3.90	DS402P390CF	674465
4.11	DS402P411CF	674466
4.33	DS402P433CF	674467
4.56	DS402P456CF	674635
4.88	DS402P488CF	674703
5.29	DS402P529CF	674704
5.57	DS402P557CF	674824

Note 1: In Nov. 1995, the models DS/RS451(P) were produced in both 33 and 41 Involute side gear configurations. **Before ordering a service carrier verify correct spline count.**

Tandem Drive Axle - Single Reduction Carriers

DS451P - Standard Carrier w/ Pump Option

Spline: 33 Involute

Gearing: 16.00" Spiral Bevel (3.36 - 3.70 Ratio)

Gearing: 16.50" Spiral Bevel (3.90 - 7.17 Ratio)

Side Gear Part Number: 85486

Fastener Kit: N/A

See Note 1. These new carrier units will directly replace models DS401P and DS451P built with 33 Involute spline side gears with no modifications. These units can be used as a replacement for model DS400P when a new yoke and slinger is used. See yoke section for proper selection.

Ratio	New Carrier Core Free	Old Carrier Part-NLA
3.55	DS451P355CF	674574
3.70	DS451P370CF	674474
3.90	DS451P390CF	674475
4.11	DS451P411CF	674476
4.33	DS451P433CF	674477
4.88	DS451P488CF	674566
5.29	DS451P529CF	674803
5.57	DS451P557CF	674816

Note 1: In Nov. 1995, the models DS/RS451 were produced in both 33 and 41 Involute side gear configurations. **Before ordering a service carrier verify correct spline count**

RS451 - Standard Carrier

Spline: 33 Involute

Gearing: 16.00" Spiral Bevel (3.36 - 3.70 Ratio)

Gearing: 16.50" Spiral Bevel (3.90 - 7.17 Ratio)

Side Gear Part Number: 85486

Fastener Kit: N/A

These new carrier units will directly replace models RS401 and RS451 built with 33 Involute spline side gears with no modifications. (See Note 1) These units can be used as a replacement for model RS400 when a new yoke and slinger is used. See yoke section for proper selection.

Ratio	New Carrier Core Free	Old Carrier Part-NLA
3.36	RS451336CF	675367
3.55	RS451355CF	674575
3.70	RS451370CF	674479
3.90	RS451390CF	674480
4.33	RS451433CF	674482
4.88	RS451488CF	674567
5.29	RS451529CF	674804

Note 1: In Nov. 1995, the models DS/RS451 were produced in both 33 and 41 Involute side gear configurations. **Before ordering a service carrier verify correct spline count**

Tandem Drive Axle - Single Reduction Carriers

DS344 - Standard Carrier

Spline: 39 Involute

Gearing: 15.50" Hypoid

Side Gear Part Number: 127367

Fastener Kit: 512087

These new carrier units will directly replace tandem axle model DS344 with no modifications.

Ratio	New Carrier Exchange	New Carrier Core Free	Old Carrier Part-NLA
3.08	DS344308EX	DS344308CF	682886
3.36	DS344336EX	DS344336CF	682888
3.55	DS344355EX	DS344355CF	682889
3.70	DS344370EX	DS344370CF	682890
3.90	DS344390EX	DS344390CF	682891
4.11	DS344411EX	DS344411CF	682892
4.33	DS344433EX	DS344433CF	682893
4.63	DS344463EX	DS344463CF	682894
4.88	DS344488EX	DS344488CF	682895
5.29	DS344529EX	DS344529CF	682896
5.57	DS344557EX	DS344557CF	682897
6.17	DS344617EX	DS344617CF	682898
6.50	DS344650EX	DS344650CF	682899

Note: Carriers listed above have a thick flange design. Use axle housing hardware kit 512087.

RS344 - Standard Carrier

Spline: 39 Involute

Gearing: 15.50" Hypoid

Side Gear Part Number: 127367

Fastener Kit: 511600

These new carrier units will directly replace tandem axle model RS344 and single axle model 19060S with no modifications. See Note 1 with regards to Flange Thickness.

Ratio	New Carrier Exchange	New Carrier Core Free	Old Carrier Part-NLA
3.08	RS344308EX	RS344308CF	675914
3.25	19060S325EX	19060S325CF	681435
3.36	RS344336EX	RS344336CF	675565
3.55	RS344355EX	RS344355CF	675566
3.70	RS344370EX	RS344370CF	675623
3.90	RS344390EX	RS344390CF	675564
4.11	RS344411EX	RS344411CF	675414
4.33	RS344433EX	RS344433CF	675415
4.63	RS344463EX	RS344463CF	675416
4.88	RS344488EX	RS344488CF	675417
5.29	RS344529EX	RS344529CF	675418
5.57	RS344557EX	RS344557CF	675419
6.17	RS344617EX	RS344617CF	675420
6.50	RS344650EX	RS344650CF	675421
7.17	RS344717EX	RS344717CF	675422

Note: These particular service carriers listed above have a thin flange design. Use axle housing hardware kit 511600.

Tandem Drive Axle - Single Reduction Carriers

DS404 - Standard Carrier

Spline: 41 Involute

Gearing: 15.50" Hypoid

Side Gear Part Number: 127368

Fastener Kit: 512087

See Note 1. These new carrier units will directly replace models DS404, DS405, DST40 and DST41 with no modifications.

Ratio	New Carrier Exchange	New Carrier Core Free	Old Carrier Part-NLA
2.64	DS404264EX	DS404264CF	682861
2.85	DS404285EX	DS404285CF	682862
2.93	DS404293EX	DS404293CF	682634
3.08	DS404308EX	DS404308CF	682863
3.25	DS404325EX	DS404325CF	682864
3.36	DS404336EX	DS404336CF	682865
3.42	DS404342EX	DS404342CF	681572
3.55	DS404355EX	DS404355CF	682866
3.70	DS404370EX	DS404370CF	682867
3.90	DS404390EX	DS404390CF	682868
4.11	DS404411EX	DS404411CF	682869
4.33	DS404433EX	DS404433CF	682870
4.63	DS404463EX	DS404463CF	682871
4.88	DS404488EX	DS404488CF	682872
5.29	DS404529EX	DS404529CF	682873
5.57	DS404557EX	DS404557CF	682874
6.17	DS404617EX	DS404617CF	682875
6.50	DS404650EX	DS404650CF	682876

Note: Tandem Forward & Rear-Rear 404 carriers have a thick flange carrier design. Use axle housing hardware kit p/n 512087.

DS404P - Standard Carrier w/ Pump Option

Spline: 41 Involute

Gearing: 15.50" Hypoid

Side Gear Part Number: 127368

Fastener Kit: 512087

See Note 1. These new carrier units will directly replace models DS404(P), DS405(P), DST40(P) and DST41(P) with no modifications.

Ratio	New Carrier Exchange	New Carrier Core Free	Old Carrier Part-NLA
2.64	DS404P264EX	DS404P264CF	682200
2.85	DS404P285EX	DS404P285CF	682201
2.93	DS404P293EX	DS404P293CF	682114
3.08	DS404P308EX	DS404P308CF	682202
3.25	DS404P325EX	DS404P325CF	682203
3.36	DS404P336EX	DS404P336CF	682204
3.42	DS404P342EX	DS404P342CF	681573
3.55	DS404P355EX	DS404P355CF	682205
3.70	DS404P370EX	DS404P370CF	682206
3.90	DS404P390EX	DS404P390CF	682207
4.11	DS404P411EX	DS404P411CF	682208
4.33	DS404P433EX	DS404P433CF	682209
4.63	DS404P463EX	DS404P463CF	682210
4.88	DS404P488EX	DS404P488CF	682211
5.29	DS404P529EX	DS404P529CF	682212
5.57	DS404P557EX	DS404P557CF	682213
6.17	DS404P617EX	DS404P617CF	682214
6.50	DSP40P650EX	DSP40P650CF	682012

Note: Tandem Forward & Rear-Rear 404 carriers have a thick flange carrier design. Use axle housing hardware kit p/n 512087.

Tandem Drive Axle - Single Reduction Carriers

RS404 - Standard Carrier

Spline: 41 Involute

Gearing: 15.50" Hypoid

Side Gear Part Number: 127368

Fastener Kit: 512087

These new carrier units will directly replace tandem axle models RS404 and RS405 and single axle models 21060S and 22060S with no modifications.

Ratio	New Carrier Exchange	New Carrier Core Free	Old Carrier Part-NLA
2.64	RS404264EX	RS404264CF	674877
2.85	RS404285EX	RS404285CF	674878
2.93	RS404293EX	RS404293CF	675635
3.08	RS404308EX	RS404308CF	674879
3.25	RS404325EX	RS404325CF	674880
3.36	RS404336EX	RS404336CF	674881
3.42	RS404342EX	RS404342CF	681576
3.55	RS404355EX	RS404355CF	674882
3.70	RS404370EX	RS404370CF	674883
3.90	RS404390EX	RS404390CF	674884
4.11	RS404411EX	RS404411CF	674885
4.33	RS404433EX	RS404433CF	674886
4.63	RS404463EX	RS404463CF	674887
4.88	RS404488EX	RS404488CF	674888
5.29	RS404529EX	RS404529CF	674889
5.57	RS404557EX	RS404557CF	674890
6.17	RS404617EX	RS404617CF	674891
6.50	RS404650EX	RS404650CF	674892
7.17	RS404717EX	RS404717CF	674893

Note: Tandem Forward & Rear-Rear 404 Carriers have a thick flange carrier design. Use axle housing hardware kit p/n 512087.

RS404 - Standard Carrier w/ No Spin Option

Spline: 41 Involute

Gearing: 15.50" Hypoid

No Spin Diff Part Number: 128776

Fastener Kit: 512087

These new carrier units will directly replace tandem axle models RS404 and RS405 and single axle models 21060S and 22060S with no modifications.

Ratio	New Carrier Exchange	New Carrier Core Free	Old Carrier Part-NLA
4.88	RSH44N488EX	RSH44N488CF	681609
5.29	RSH44N529EX	RSH44N529CF	681610
5.57	RSH44N557EX	RSH44N557CF	681611
6.17	RSH44N617EX	RSH44N617CF	681612
6.50	RSH44N650EX	RSH44N650CF	681613
7.17	RSH44N717EX	RSH44N717CF	681614

Note: Tandem Forward & Rear-Rear 404 Carriers have a thick flange carrier design. Use axle housing hardware kit p/n 512087.

Tandem Drive Axle - Single Reduction Carriers

DD404 - Diff Lock Carrier

Spline: 41 Involute

Gearing: 15.50" Hypoid

Side Gear Part Number: 127368

Fastener Kit: 512087

See Note 1. These new carrier units will directly replace differential lock models DD404, DD405, DDT40 and DDT41 with no modifications.

Ratio	New Carrier Exchange	New Carrier Core Free	Old Carrier Part-NLA
2.64	DD404264EX	DD404264CF	682510
2.85	DD404285EX	DD404285CF	682251
3.08	DD404308EX	DD404308CF	682252
3.25	DD404325EX	DD404325CF	682253
3.36	DD404336EX	DD404336CF	682254
3.42	DD404342EX	DD404342CF	681574
3.55	DD404355EX	DD404355CF	682255
3.70	DD404370EX	DD404370CF	682256
3.90	DD404390EX	DD404390CF	682257
4.11	DD404411EX	DD404411CF	682258
4.33	DD404433EX	DD404433CF	682259
4.63	DD404463EX	DD404463CF	682260
4.88	DD404488EX	DD404488CF	682261
5.29	DD404529EX	DD404529CF	682262
5.57	DD404557EX	DD404557CF	682263
6.17	DD404617EX	DD404617CF	682264
6.50	DD404650EX	DD404650CF	682265

Note 1: Tandem Forward & Rear-Rear 404 Carriers have a thick flange carrier design. Use axle housing hardware kit p/n 512087.

DD404P - Diff Lock Carrier w/ Pump Option

Spline: 41 Involute

Gearing: 15.50" Hypoid Gearing

Side Gear Part Number: 127368

Fastener Kit: 512087

See Note 1. These new carrier units will directly replace differential lock models DD404(P), DD405(P), DDT40(P) and DDT41(P) with no modifications.

Ratio	New Carrier Exchange	New Carrier Core Free	Old Carrier Part-NLA
2.64	DD404P264EX	DD404P264CF	682303
2.85	DD404P285EX	DD404P285CF	682304
3.08	DD404P308EX	DD404P308CF	682305
3.25	DD404P325EX	DD404P325CF	682306
3.36	DD404P336EX	DD404P336CF	682307
3.42	DD404P342EX	DD404P342CF	681575
3.55	DD404P355EX	DD404P355CF	682308
3.70	DD404P370EX	DD404P370CF	682309
3.90	DD404P390EX	DD404P390CF	682310
4.11	DD404P411EX	DD404P411CF	682311
4.33	DD404P433EX	DD404P433CF	682312
4.63	DD404P463EX	DD404P463CF	682313
4.88	DD404P488EX	DD404P488CF	682314
5.29	DD404P529EX	DD404P529CF	682315
5.57	DD404P557EX	DD404P557CF	682316
6.17	DD404P617EX	DD404P617CF	682317
6.50	DD404P650EX	DD404P650CF	682318

Note 1: Tandem Forward & Rear-Rear 404 Carriers have a thick flange carrier design. Use axle housing hardware kit p/n 512087.

Tandem Drive Axle - Single Reduction Carriers

RD404 - Diff Lock Carrier

Spline: 41 Involute

Gearing: 15.50" Hypoid

Side Gear Part Number: 127368

Fastener Kit: 512087

See Notes 1 & 2. These new carrier units will directly replace differential lock tandem axle models RD404 and RD405 and single axle models 21060D and 22060D with no modifications.

Ratio	New Carrier Exchange	New Carrier Core Free	Old Carrier Part-NLA
2.64	RDP40264EX*	RDP40264CF*	676013*
2.85	RD404285EX	RD404285CF	675281
3.08	RD404308EX	RD404308CF	675282
3.25	RD404325EX	RD404325CF	675283
3.36	RD404336EX	RD404336CF	675284
3.42	RD404342EX	RD404342CF	681577
3.55	RD404355EX	RD404355CF	675285
3.70	RD404370EX	RD404370CF	675286
3.90	RD404390EX	RD404390CF	675287
4.11	RD404411EX	RD404411CF	675288
4.33	RD404433EX	RD404433CF	675289
4.63	RD404463EX	RD404463CF	675290
4.88	RD404488EX	RD404488CF	675291
5.29	RD404529EX	RD404529CF	675292
5.57	RD404557EX	RD404557CF	675293
6.17	RD404617EX	RD404617CF	675294
6.50	RD404650EX	RD404650CF	675295
7.17	RD404717EX	RD404717CF	675296

* The 676013 is an RDP40 carrier and is the replacement for the 2.64 RD404.

Note 1: Tandem Forward & Rear-Rear 404 carriers have a thick flange carrier design. Use axle housing hardware kit p/n 512087.

Note 2: Diff Lock shift covers on service carriers are supplied with covers that have "English" threaded air line openings.

DSH40 - High Performance Carrier

Spline: 41 Involute

Gearing: 15.75" Hypoid

Side Gear Part Number: 127368

Fastener Kit: 512087 for thick flange carriers & 511600 for thin flange carriers

These new carrier units will directly replace models DSH40 and DS454 with no modifications. See Note 1.

Ratio	New Carrier Exchange	New Carrier Core Free	Old Carrier Part-NLA
3.25	DSH40325EX	DSH40325CF	682741
3.36	DSH40336EX	DSH40336CF	682742
3.55	DSH40355EX	DSH40355CF	682743
3.70	DSH40370EX	DSH40370CF	682744
3.90	DSH40390EX	DSH40390CF	682745
4.11	DSH40411EX	DSH40411CF	682746
4.33	DSH40433EX	DSH40433CF	682747

Note 1: The D/R454 family of axles were originally replaced by tandem models: DSH40/RSH40 or DSH44/RSH44 depending on select ratios. The carriers and ratios above are the High Performance, Large Ring Gear service carriers. For all other ratios not shown are now directly serviced by the DSP/RSP40 models, refer to those carrier listings and also see Dana bulletin abib-0902.

DSH40P - High Performance Carrier w/ Pump Option

Spline: 41 Involute

Gearing: 15.75" Hypoid

Side Gear Part Number: 127368

Fastener Kit: 512087 for thick flange carriers & 511600 for thin flange carriers

These new carrier units will directly replace models DSH40P and DS454P with no modifications. See Note 1.

Ratio	New Carrier Exchange	New Carrier Core Free	Old Carrier Part-NLA
3.25	DSH40P325EX	DSH40P325CF	682751
3.36	DSH40P336EX	DSH40P336CF	682752
3.55	DSH40P355EX	DSH40P355CF	682753
3.70	DSH40P370EX	DSH40P370CF	682754
3.90	DSH40P390EX	DSH40P390CF	682755
4.11	DSH40P411EX	DSH40P411CF	682756
4.33	DSH40P433EX	DSH40P433CF	682757

Note 1: The D/R454P family of axles were originally replaced by tandem models: DSH40P/RSH40P or DSH44P/RSH44P depending on select ratios. The carriers and ratios above are the High Performance, Large Ring Gear service carriers. For all other ratios not shown are now directly serviced by the DSP/RSP40P models, refer to those carrier listings and also see Dana bulletin abib-0902.

Tandem Drive Axle - Single Reduction Carriers

RSH40 - High Performance Carrier

Spline: 41 Involute

Gearing: 15.75" Hypoid

Side Gear Part Number: 127368

Fastener Kit: 512087 for thick flange carriers & 511600 for thin flange carriers

These new carrier units will directly replace model RSH40, RSH44, 22060SH, 23060SH and RS454 with no modifications. See Note 1.

Ratio	New Carrier Exchange	New Carrier Core Free	Old Carrier Part-NLA
3.25	RSH40325EX	RSH40325CF	675781
3.36	RSH40336EX	RSH40336CF	675782
3.55	RSH40355EX	RSH40355CF	675783
3.70	RSH40370EX	RSH40370CF	675784
3.90	RSH40390EX	RSH40390CF	675785
4.11	RSH40411EX	RSH40411CF	675786
4.33	RSH40433EX	RSH40433CF	675787

Note 1: The D/R454 family of axles were originally replaced by tandem models: DSH40/RSH40 or DSH44/RSH44 depending on select ratios. The carriers and ratios above are the High Performance, Large Ring Gear service carriers. For all other ratios not shown are now directly serviced by the DSP/RSP40 models, refer to those carrier listings and also see Dana bulletin abib-0902.

RSH40 - High Performance Carrier w/ No Spin Option

Spline: 41 Involute

Gearing: 15.75" Hypoid

No Spin Part Number: 128776

Fastener Kit: 512087 for thick flange carriers & 511600 for thin flange carriers

These new carrier units will directly replace model RSH40 NS, RSH44 NS, 22060SH NS, 23060SH NS and RS454 NS with no modifications. See Note 1.

Ratio	New Carrier Exchange	New Carrier Core Free	Old Carrier Part-NLA
4.88	RSH44N488EX	RSH44N488CF	681609
5.29	RSH44N529EX	RSH44N529CF	681610
5.57	RSH44N557EX	RSH44N557CF	681611
6.17	RSH44N617EX	RSH44N617CF	681612
6.50	RSH44N650EX	RSH44N650CF	681613
7.17	RSH44N717EX	RSH44N717CF	681614

Note 1: The D/R454 family of axles were originally replaced by tandem models: DSH40/RSH40 or DSH44/RSH44 depending on select ratios. The carriers and ratios above are the High Performance, Large Ring Gear service carriers. For all other ratios not shown are now directly serviced by the DSP/RSP40 models, refer to those carrier listings and also see Dana bulletin abib-0902.

DDH40 - Diff Lock - High Performance Carrier

Spline: 41 Involute

Gearing: 15.75" Hypoid

Side Gear Part Number: 127368

Fastener Kit: 512087 for thick flange carriers & 511600 for thin flange carriers

These new carrier units will directly replace models DDH40 and DD454 with no modifications. See Note 1.

Ratio	New Carrier Exchange	New Carrier Core Free	Old Carrier Part-NLA
3.25	DDH40325EX	DDH40325CF	682761
3.36	DDH40336EX	DDH40336CF	682762
3.55	DDH40355EX	DDH40355CF	682763
3.70	DDH40370EX	DDH40370CF	682764
3.90	DDH40390EX	DDH40390CF	682765
4.11	DDH40411EX	DDH40411CF	682766
4.33	DDH40433EX	DDH40433CF	682767

Note 1: The D/R454 family of axles were originally replaced by tandem models: DSH40/RSH40 or DSH44/RSH44 depending on select ratios. The carriers and ratios above are the High Performance, Large Ring Gear service carriers. For all other ratios not shown are now directly serviced by the DSP/RSP40 models, refer to those carrier listings and also see Dana bulletin abib-0902.

DDH40P - Diff Lock - High Performance Carrier w/ Pump Option

Spline: 41 Involute

Gearing: 15.75" Hypoid

Side Gear Part Number: 127368

Fastener Kit: 512087 for thick flange carriers & 511600 for thin flange carriers

These new carrier units will directly replace models DDH40P and DD454P with no modifications. See Note 1.

Ratio	New Carrier Exchange	New Carrier Core Free	Old Carrier Part-NLA
3.25	DDH40P325EX	DDH40P325CF	682771
3.36	DDH40P336EX	DDH40P336CF	682772
3.55	DDH40P355EX	DDH40P355CF	682773
3.70	DDH40P370EX	DDH40P370CF	682774
3.90	DDH40P390EX	DDH40P390CF	682775
4.11	DDH40P411EX	DDH40P411CF	682776
4.33	DDH40P433EX	DDH40P433CF	682777

Note 1: The D/R454P family of axles were originally replaced by tandem models: DSH40P/RSH40P or DSH44P/RSH44P depending on select ratios. The carriers and ratios above are the High Performance, Large Ring Gear service carriers. For all other ratios not shown are now directly serviced by the DSP/RSP40P models, refer to those carrier listings and also see Dana bulletin abib-0902.

Tandem Drive Axle - Single Reduction Carriers

RDH40 - Diff Lock - High Performance Carrier

Spline: 41 Involute

Gearing: 15.75" Hypoid

Side Gear Part Number: 127368

Fastener Kit: 512087 for thick flange carriers & 511600 for thin flange carriers

These new carrier units will directly replace model RDH40, RDH44 and RD454 with no modifications. See Note 1.

Ratio	New Carrier Exchange	New Carrier Core Free	Old Carrier Part-NLA
3.25	RDH40325EX	RDH40325CF	675791
3.36	RDH40336EX	RDH40336CF	675792
3.55	RDH40355EX	RDH40355CF	675793
3.70	RDH40370EX	RDH40370CF	675794
3.90	RDH40390EX	RDH40390CF	675795
4.11	RDH40411EX	RDH40411CF	675796
4.33	RDH40433EX	RDH40433CF	675797

Note 1: The D/R454 family of axles were originally replaced by tandem models: DSH40/RSH40 or DSH44/RSH44 depending on select ratios. The carriers and ratios above are the High Performance, Large Ring Gear service carriers. For all other ratios not shown are now directly serviced by the DSP/RSP40 models, refer to those carrier listings and also see Dana bulletin abib-0902.

D145S - Pro-40 Carrier

Spline: 41 Involute

Gearing: 15.50" - 15.75" Hypoid

Side Gear Part Number: 127368

Fastener Kit: 512087 for thick flange carriers & 511600 for thin flange carriers

These new carrier units will directly replace model D40-145S with no modifications.

Ratio	New Carrier Exchange	New Carrier Core Free	Old Carrier Part-NLA
3.36	DS404336EX	DS404336CF	682865
3.42	DS404342EX	DS404342CF	681572
3.55	DS404355EX	DS404355CF	682866
3.70	DS404370EX	DS404370CF	682867
3.91	DS404390EX	DS404390CF	682868

D145X - Pro-40 Carrier

Spline: 41 Involute

Gearing: 15.50" - 15.75" Hypoid

Side Gear Part Number: 127368

Fastener Kit: 512087 for thick flange carriers & 511600 for thin flange carriers

These new carrier units will directly replace model D40-145X with no modifications.

Ratio	New Carrier Core Free	Old Carrier Part-NLA
3.36	D145X336CF	681635
3.42	D145X342CF	681636
3.55	D145X355CF	681637
3.70	D145X370CF	681638
3.91	D145X391CF	681639

R145S - Pro-40 Standard Carrier

Spline: 39 Involute

Gearing: 13.40" Hypoid

Side Gear Part Number: 127367

Fastener Kit: 512087 for thick flange carriers & 511600 for thin flange carriers

These new carrier units will directly replace model R40-145S with no modifications.

Ratio	New Carrier Exchange	New Carrier Core Free	Old Carrier Part-NLA
3.36	R145S336EX	R145S336CF	681630
3.42	R145S342EX	R145S342CF	681631
3.55	R145S355EX	R145S355CF	681632
3.70	R145S370EX	R145S370CF	681633
3.91	R145S391EX	R145S391CF	681634

Tandem Drive Axle - Single Reduction Carriers

DSP40 - Premium 40 Carrier

Spline: 41 Involute

Gearing: 15.50" - 15.75" Hypoid

Side Gear Part Number: 127368

Fastener Kit: 512087 for thick flange carriers & 511600 for thin flange carriers

These new carrier units will directly replace model DSP40, DSP41 and *DSH44 with no modifications. See Note 1 for information on DSH44 models in ratios 5.29 thru 7.17.

Ratio	New Carrier Exchange	New Carrier Core Free	Old Carrier Part-NLA
2.64	DSP40264EX	DSP40264CF	682965
2.85	DSP40285EX	DSP40285CF	681529
2.93	DSP40293EX	DSP40293CF	682966
3.08	DSP40308EX	DSP40308CF	682967
3.25	DSP40325EX	DSP40325CF	682968
3.36	DSP40336EX	DSP40336CF	682969
3.42	DSP40342EX	DSP40342CF	681535
3.55	DSP40355EX	DSP40355CF	682970
3.70	DSP40370EX	DSP40370CF	682971
3.90	DSP40390EX	DSP40390CF	682972
4.11	DSP40411EX	DSP40411CF	682973
4.33	DSP40433EX	DSP40433CF	682974
4.63	DSP40463EX	DSP40463CF	682975
4.88	DSP40488EX	DSP40488CF	682976
5.29	DSP40529EX	DSP40529CF	682977
5.57	DSP40557EX	DSP40557CF	682978
6.17	DSP40617EX	DSP40617CF	682979
6.50	DSP40650EX	DSP40650CF	682980
7.17	DSP40717EX	DSP40717CF	682014

Note 1: The DSH44 carriers in ratios 5.29 thru 7.17 are now replaced by DSP40 service carriers. For specific part number supersession refer to Dana bulletin abib-0902.

DSP40P - Premium 40 Carrier w/ Pump Option

Spline: 41 Involute

Gearing: 15.50" - 15.75" Hypoid

Side Gear Part Number: 127368

Fastener Kit: 512087 for thick flange carriers & 511600 for thin flange carriers

These new carrier units will directly replace model DSP40P, DSP41P and *DSH44P with no modifications. See Note 1 for information on DSH44P models in ratios 5.29 thru 7.17.

Ratio	New Carrier Exchange	New Carrier Core Free	Old Carrier Part-NLA	Notes
2.64	DSP40P264EX	DSP40P264CF	682997	
2.85	DSP40P285EX	DSP40P285CF	681530	
2.93	DSP40P293EX	DSP40P293CF	682998	
3.08	DSP40P308EX	DSP40P308CF	682999	
3.25	DSP40P325EX	DSP40P325CF	682000	
3.36	DSP40P336EX	DSP40P336CF	682001	
3.42	DSP40P342EX	DSP40P342CF	681536	
3.55	DSP40P355EX	DSP40P355CF	682002	
3.70	DSP40P370EX	DSP40P370CF	682003	
3.90	DSP40P390EX	DSP40P390CF	682004	
4.11	DSP40P411EX	DSP40P411CF	682005	
4.33	DSP40P433EX	DSP40P433CF	682006	
4.63	DSP40P463EX	DSP40P463CF	682007	
4.88	DSP40P488EX	DSP40P488CF	682008	
5.29	DSP40P529EX	DSP40P529CF	682009	Note 1
5.57	DSP40P557EX	DSP40P557CF	682010	Note 1
6.17	DSP40P617EX	DSP40P617CF	682011	Note 1
6.50	DSP40P650EX	DSP40P650CF	682012	Note 1
7.17	DSP40P717EX	DSP40P717CF	682013	Note 1

Note 1: The DSH44P carriers in ratios 5.29 thru 7.17 are now replaced by DSP40P service carriers. For specific part number supersession refer to Dana bulletin abib-0902.

DSP40 - Premium 40 Carrier w/ Pump & No Spin Options

Spline: 41 Involute

Gearing: 15.50" - 15.75" Hypoid

No Spin Diff Part Number: 128776

Fastener Kit: 512087 for thick flange carriers & 511600 for thin flange carriers

These new carrier units will directly replace model DSP40P NS, DSP41P NS and *DSH44P NS with no modifications. See Note 1 for information on DSH44 models in ratios 5.29 thru 7.17.

Ratio	New Carrier Exchange	New Carrier Core Free	Old Carrier Part-NLA	Notes
6.17	DSP40617EX	DSP40617CF	682979	Note 1

Note 1: The DSH44 carriers in ratios 5.29 thru 7.17 are now replaced by DSP40 service carriers. For specific part number supersession refer to Dana bulletin abib-0902.

Tandem Drive Axle - Single Reduction Carriers

RSP40 - Premium 40 Carrier

Spline: 41 Involute

Gearing: 15.50" - 15.75" Hypoid

Side Gear Part Number: 127368

Fastener Kit: 512087 for thick flange carriers & 511600 for thin flange carriers

These new carrier units will directly replace rear tandem models RSP40, RSP41, RSH44* and single axle models P20060S, P21060S and P22060S with no modifications. See Note 1 for information on RSH44 models in ratios 5.29 thru 7.17.

Ratio	New Carrier Exchange	New Carrier Core Free	Old Carrier Part-NLA	Notes
2.64	RSP40264EX	RSP40264CF	676029	
2.85	RSP40285EX	RSP40285CF	681531	
2.93	RSP40293EX	RSP40293CF	676030	
3.08	RSP40308EX	RSP40308CF	676031	
3.25	RSP40325EX	RSP40325CF	676032	
3.36	RSP40336EX	RSP40336CF	676033	
3.42	RSP40342EX	RSP40342CF	681537	
3.55	RSP40355EX	RSP40355CF	676034	
3.70	RSP40370EX	RSP40370CF	676035	
3.90	RSP40390EX	RSP40390CF	676036	
4.11	RSP40411EX	RSP40411CF	676037	
4.33	RSP40433EX	RSP40433CF	676038	
4.63	RSP40463EX	RSP40463CF	676039	
4.88	RSP40488EX	RSP40488CF	676040	
5.29	RSP40529EX	RSP40529CF	676041	Note 1
5.57	RSP40557EX	RSP40557CF	676042	Note 1
6.17	RSP40617EX	RSP40617CF	676043	Note 1
6.50	RSP40650EX	RSP40650CF	676044	Note 1
7.17	RSP40717EX	RSP40717CF	681443	Note 1

Note 1: The RSH44 models in ratios 5.29 thru 7.17 are now replaced by RSP40 service carriers. For specific part number supersession refer to Dana bulletin abib-0902.

RSP40 - Premium 40 Carrier w/ No Spin Option

Spline: 41 Involute

Gearing: 15.50" - 15.75" Hypoid

Side Gear Part Number: 127368

Fastener Kit: 512087 for thick flange carriers & 511600 for thin flange carriers

These new carrier units will directly replace rear tandem models RSP40, RSP41, RSH44* and single axle models P20060S, P21060S and P22060S with no modifications. See Note 1 for information on RSH44 models in ratios 5.29 thru 7.17.

Ratio	New Carrier Exchange	New Carrier Core Free	Old Carrier Part-NLA
4.88	RSH44N488EX	RSH44N488CF	681609
5.29	RSH44N529EX	RSH44N529CF	681610
5.57	RSH44N557EX	RSH44N557CF	681611
6.17	RSH44N617EX	RSH44N617CF	681612
6.50	RSH44N650EX	RSH44N650CF	681613
7.17	RSH44N717EX	RSH44N717CF	681614

Note 1: The RSH44 models in ratios 5.29 thru 7.17 are now replaced by RSP40 service carriers. For specific part number supersession refer to Dana bulletin abib-0902.

Tandem Drive Axle - Single Reduction Carriers

DDP40 Premium 40 - Diff Lock Carrier

Spline: 41 Involute

Gearing: 15.50" - 15.75" Hypoid

Side Gear Part Number: 127368

Fastener Kit: 512087 for thick flange carriers & 511600 for thin flange carriers

These new carrier units will directly replace model DDP40 and DDP41 with no modifications. See Note 1 for information on DDH44 models in ratios 5.29 thru 7.17.

Ratio	New Carrier Exchange	New Carrier Core Free	Old Carrier Part-NLA	Notes
2.64	DDP40264EX	DDP40264CF	682949	
2.85	DDP40285EX	DDP40285CF	681532	
2.93	DDP40293EX	DDP40293CF	682950	
3.08	DDP40308EX	DDP40308CF	682951	
3.25	DDP40325EX	DDP40325CF	682952	
3.36	DDP40336EX	DDP40336CF	682953	
3.42	DDP40342EX	DDP40342CF	681538	
3.55	DDP40355EX	DDP40355CF	682954	
3.70	DDP40370EX	DDP40370CF	682955	
3.90	DDP40390EX	DDP40390CF	682956	
4.11	DDP40411EX	DDP40411CF	682957	
4.33	DDP40433EX	DDP40433CF	682958	
4.63	DDP40463EX	DDP40463CF	682959	
4.88	DDP40488EX	DDP40488CF	682960	
5.29	DDP40529EX	DDP40529CF	682961	Note 1
5.57	DDP40557EX	DDP40557CF	682962	Note 1
6.17	DDP40617EX	DDP40617CF	682963	Note 1
6.50	DDP40650EX	DDP40650CF	682964	Note 1
7.17	DDP40717EX	DDP40717CF	682015	Note 1

Note 1: The DDH44 carriers in ratios 5.29 thru 7.17 now replaced by DSP40 service carriers. For specific part number supersession refer to Dana bulletin abib-0902.

DDP40P Premium 40 - Diff Lock Carrier w/ Pump Option

Spline: 41 Involute

Gearing: 15.50" - 15.75" Hypoid

Side Gear Part Number: 127368

Fastener Kit: 512087 for thick flange carriers & 511600 for thin flange carriers

These new carrier units will directly replace model DDP40P and DDP41P with no modifications. See Note 1 for information on DDH44P models in ratios 5.29 thru 7.17.

Ratio	New Carrier Exchange	New Carrier Core Free	Old Carrier Part-NLA	Notes
2.64	DDP40P264EX	DDP40P264CF	682981	
2.85	DDP40P285EX	DDP40P285CF	681533	
2.93	DDP40P293EX	DDP40P293CF	682982	
3.08	DDP40P308EX	DDP40P308CF	682983/682770	
3.25	DDP40P325EX	DDP40P325CF	682984	
3.36	DDP40P336EX	DDP40P336CF	682985	
3.42	DDP40P342EX	DDP40P342CF	681539	
3.55	DDP40P355EX	DDP40P355CF	682986	
3.70	DDP40P370EX	DDP40P370CF	682987	
3.90	DDP40P390EX	DDP40P390CF	682988	
4.11	DDP40P411EX	DDP40P411CF	682989	
4.33	DDP40P433EX	DDP40P433CF	682990	
4.63	DDP40P463EX	DDP40P463CF	682991	
4.88	DDP40P488EX	DDP40P488CF	682992	
5.29	DDP40P529EX	DDP40P529CF	682993	Note 1
5.57	DDP40P557EX	DDP40P557CF	682994	Note 1
6.17	DDP40P617EX	DDP40P617CF	682995	Note 1
6.50	DDP40P650EX	DDP40P650CF	682996	Note 1
7.17	DDP40P717EX	DDP40P717CF	682016	Note 1

Note 1: The DDH44P carriers in ratios 5.29 thru 7.17 now replaced by DSP40P service carriers. For specific part number supersession refer to Dana bulletin abib-0902.

RDP40 - Premium 40 - Diff Lock Carrier

Spline: 41 Involute

Gearing: 15.50" - 15.75" Hypoid

Side Gear Part Number: 127368

Fastener Kit: 512087 for thick flange carriers & 511600 for thin flange carriers

These new carrier units will directly replace rear tandem models RDP40, RDP41 & RDH44* and single axle model P20060D, P21060D and P22060D with no modifications. See Note 1 for information on RDH44 models in ratios 5.29 thru 7.17.

Ratio	New Carrier Exchange	New Carrier Core Free	Old Carrier Part-NLA	Notes
2.64	RDP40264EX	RDP40264CF	676013	
2.85	RDP40285EX	RDP40285CF	681534	
2.93	RDP40293EX	RDP40293CF	676014	
3.08	RDP40308EX	RDP40308CF	676015	
3.25	RDP40325EX	RDP40325CF	676016	
3.36	RDP40336EX	RDP40336CF	676017	
3.42	RDP40342EX	RDP40342CF	681540	
3.55	RDP40355EX	RDP40355CF	676018	
3.70	RDP40370EX	RDP40370CF	676019	
3.90	RDP40390EX	RDP40390CF	676020	
4.11	RDP40411EX	RDP40411CF	676021	
4.33	RDP40433EX	RDP40433CF	676022	
4.63	RDP40463EX	RDP40463CF	676023	
4.88	RDP40488EX	RDP40488CF	676024	
5.29	RDP40529EX	RDP40529CF	676025	Note 1
5.57	RDP40557EX	RDP40557CF	676026	Note 1
6.17	RDP40617EX	RDP40617CF	676027	Note 1
6.50	RDP40650EX	RDP40650CF	676028	Note 1
7.17	RDP40717EX	RDP40717CF	681444	Note 1

Note 1: The RDH44 carriers in ratios 5.29 thru 7.17 now replaced by RDP40 service carriers. For specific part number supersession refer to Dana bulletin abib-0902.

Tandem Drive Axle - Single Reduction Carriers

RST40 - Standard Carrier

Spline: 41 Involute

Gearing: 16.00" Spiral Bevel

Side Gear Part Number: 110527

Fastener Kit: 514259 for carriers built prior to May 2005 & 514260 for carriers built after May 2005

See Note 1. These new carrier units will directly replace models RST40 and RST41 with no modifications.

Ratio	New Carrier Core Free	Old Carrier Part-NLA
2.64	RST40264CF	676134
3.08	RST40308CF	675904
3.25	RST40325CF	675905
3.36	RST40336CF	675906
3.55	RST40355CF	675907
3.70	RST40370CF	675908
3.90	RST40390CF	675909
4.11	RST40411CF	675910
4.33	RST40433CF	675911
4.88	RST40488CF	676116
5.29	RST40529CF	676117
5.57	RST40557CF	676118
6.17	RST40617CF	676119
6.50	RST40650CF	676120

Note 1: RST40 and RST41 carrier models are unique in design and are not interchangeable with the R404 model family.

RST40 - Standard Carrier w/ No Spin Option

Spline: 41 Involute

Gearing: 16.00" Spiral Bevel

No Spin Part Number: 132874

Fastener Kit: 514259 for carriers built prior to May 2005 & 514260 for carriers built after May 2005

See Note 1. These new carrier units will directly replace models RST40NS and RST41NS with no modifications.

Ratio	New Carrier Core Free	Old Carrier Part-NLA
2.64	RST40N264CF	676165
3.08	RST40N308CF	676167
3.25	RST40N325CF	676168
3.36	RST40N336CF	676169
3.55	RST40N355CF	676170
3.70	RST40N370CF	676171
3.90	RST40N390CF	676172
4.11	RST40N411CF	676173
4.33	RST40N433CF	676174
4.88	RST40N488CF	676175
5.29	RST40N529CF	676176
5.57	RST40N557CF	676177
6.17	RST40N617CF	676178
6.50	RST40N650CF	676179

Note 1: RST40 and RST41 carrier models are unique in design and are not interchangeable with the R404 model family.

RST40RH - Carrier w/ RH Spiral Gearing

Spline: 41 Involute

Gearing: 16.00" RH Spiral Bevel

Side Gear Part Number: 110527

Fastener Kit: 514259 for carriers built prior to May 2005 & 514260 for carriers built after May 2005

These new carrier units will directly replace models RST40RH with no modifications.

Ratio	New Carrier Core Free	Old Carrier Part-NLA
3.90	RST40RH390CF	681640
4.11	RST40RH411CF	681641
4.33	RST40RH433CF	681642
4.56	RST40RH456CF	681643
4.88	RST40RH488CF	681644
5.29	RST40RH529CF	681645
5.57	RST40RH557CF	681646
6.14	RST40RH614CF	681647

Tandem Drive Axle - Single Reduction Carriers

DSS40P - Super 40 Carrier w/ Pump Option

Spline: 41 Involute

Gearing: 18.00" Spiral Bevel

Side Gear Part Number: 120052

Fastener Kit: 512087 for thick flange carriers & 511600 for thin flange carriers

See Note 1: These new carrier units will directly replace models DSS40 & DSS40P with no modifications. The DSS40 non-pump models were discontinued in 2010 and only pump models remain available for service.

Ratio	New Carrier Core Free	Old Carrier Part-NLA
3.55	DSS40P355CF	675583
3.70	DSS40P370CF	675600
3.90	DSS40P390CF	675584
4.11	DSS40P411CF	675585
4.33	DSS40P433CF	675586
4.56	DSS40P456CF	675587
5.29	DSS40P529CF	675632

DS461P - Standard Carrier w/ Pump Option

Spline: 36 Involute

Gearing: 18.00" Spiral Bevel

Side Gear Part Number: 93401

Fastener Kit: 511372 (contains capscrews) or 511374 (contains studs)

These new carrier units will directly replace models DS461P, DS462P, DS463P, DS521P and DS581P with no modifications.

Ratio	New Carrier Core Free	Old Carrier Part-NLA
3.55	DS461P355CF	675242
3.70	DS461P370CF	674514
3.90	DS461P390CF	674611
4.11	DS461P411CF	674515
4.33	DS461P433CF	674516
4.56	DS461P456CF	674517
4.88	DS461P488CF	674518
5.29	DS461P529CF	674613
5.43	DS461P543CF	674519
6.17	DS461P617CF	674707

RSS40 - Super 40 Carrier

Spline: 41 Involute

Gearing: 18.00" Spiral Bevel

Side Gear Part Number: 120052

Fastener Kit: 512087 for thick flange carriers & 511600 for thin flange carriers

These new carrier units will directly replace model RSS40 with no modifications.

Ratio	New Carrier Core Free	Old Carrier Part-NLA
3.55	RSS40355CF	675575
3.70	RSS40370CF	675576
3.90	RSS40390CF	675577
4.11	RSS40411CF	675578
4.33	RSS40433CF	675579
4.56	RSS40456CF	675580
5.29	RSS40529CF	675633

RS461 - Standard Carrier

Spline: 36 Involute

Gearing: 18.00" Spiral Bevel

Side Gear Part Number: 93401

Fastener Kit: 511373 (contains capscrews) or 511375 (contains studs)

These new carrier units will directly replace models RS461, RS462, RS463, RS521, RS581, 23130 and 23141 with no modifications.

Ratio	New Carrier Core Free	Old Carrier Part-NLA
3.55	RS461355CF	675243
3.70	RS461370CF	674520
3.90	RS461390CF	674612
4.11	RS461411CF	674521
4.33	RS461433CF	674522
4.56	RS461456CF	674523
4.88	RS461488CF	674524
5.29	RS461529CF	674614
5.43	RS461543CF	674525
6.17	RS461617CF	674709
6.50	RS461650CF	674710
6.67	RS461667CF	675370
7.17	RS461717CF	676115

Tandem Drive Axle - Single Reduction Carriers

RS461 - Standard Carrier w/ No Spin Option

Spline: 36 Involute

Gearing: 18.00" Spiral Bevel

No Spin Part Number: 110831

Fastener Kit: 511373 (contains capscrews) or 511375 (contains studs)

These new carrier units will directly replace models RS461NS, RS462NS, RS463NS, 23130 and 23141 with no modifications.

Ratio	New Carrier Core Free	Old Carrier Part-NLA
3.70	RS461N370CF	122576
4.11	RS461N411CF	123201
4.33	RS461N433CF	122414
4.88	RS461N488CF	123202
5.29	RS461N529CF	508921
5.43	RS461N543CF	217598
6.17	RS461N617CF	123203

DD461P - Diff Lock Carrier w/ Pump Option

Spline: 36 Involute

Gearing: 18.00" Spiral Bevel

Side Gear Part Number: 93401

Fastener Kit: 511372 (contains capscrews) or 511374 (contains studs)

See Note 1. These new carrier units will directly replace differential lock models DD461P, DD462P, DD463P, DD521P, DD581P and models DDS40P with no modifications.

Ratio	New Carrier Core Free	Old Carrier Part-NLA
3.55	DD461P355CF	675326
3.70	DD461P370CF	675327
3.90	DD461P390CF	675328
4.11	DD461P411CF	675329
4.33	DD461P433CF	675330
4.56	DD461P456CF	675331
4.88	DD461P488CF	675332
5.29	DD461P529CF	675333
5.43	DD461P543CF	675334
6.17	DD461P617CF	675335

Note 1: The DDS40P and RDS40 Carriers were discontinued in 2010. They are replaced by the DD461P and RD461 service carriers. The Non-Pump DDS461 models are NLA, you must purchase a DD461P (with pump) for service.

RD461 - Diff Lock Carrier

Spline: 36 Involute

Gearing: 18.00" Spiral Bevel

Side Gear Part Number: 93401

Fastener Kit: 511373 (contains capscrews) or 511375 (contains studs)

These new carrier units will directly replace models RD461, RD462, RD463, RD521, RD581 and models RDS40 with no modifications.

Ratio	New Carrier Core Free	Old Carrier Part-NLA	Notes
3.55	RD461355CF	675338	
3.70	RD461370CF	675339	
3.90	RD461390CF	675340	
4.11	RD461411CF	675621	Replaces 675341
4.33	RD461433CF	675342	Replaces 675619
4.56	RD461456CF	675343	
4.88	RD461488CF	675344	
5.29	RD461529CF	675345	
5.43	RD461543CF	675346	
6.17	RD461617CF	675347	
6.50	RD461650CF	675348	
6.67	RD461667CF	675349	
7.17	RD461717CF	675881	

DC461P - Controlled Traction Carrier w/ Pump Option

Spline: 36 Involute

Gearing: 18.00" Spiral Bevel

Side Gear Part Number: 93401/110632

Fastener Kit: 511372 (contains capscrews) or 511374 (contains studs)

These new carrier units will directly replace traction control models DC461P, DC462P, DC480P and DC521P with no modifications.

Ratio	New Carrier Core Free	Old Carrier Part-NLA
3.70	DC461P370CF	674841
4.11	DC461P411CF	674843
4.33	DC461P433CF	674844
4.56	DC461P456CF	674845
4.88	DC461P488CF	674846
5.29	DC461P529CF	675521
5.43	DC461P543CF	674847
6.17	DC461P617CF	674848

Tandem Drive Axle - Single Reduction Carriers

RC461 - Controlled Traction Carrier

Spline: 36 Involute

Gearing: 18.00" Spiral Bevel

Side Gear Part Number: 93401/110632

Fastener Kit: 511373 (contains capscrews) or 511375 (contains studs)

These new carrier units will directly replace traction control models RC461, RC462, RC463, RC521 and 23430 standard carriers with no modifications. Models 19420, 23420 and 26420 can be used as a replacement with these units when a new yoke and slinger is used. See yoke section for proper selection.

Ratio	New Carrier Core Free	Old Carrier Part-NLA
3.70	RC461370CF	674536
4.11	RC461411CF	674537
4.33	RC461433CF	674711
4.56	RC461456CF	674712
4.88	RC461488CF	674626
5.29	RC461529CF	675270
5.43	RC461543CF	674713
6.17	RC461617CF	674840
6.50	RC461650CF	508172
6.67	RC461667CF	674907

DS4636P - Single Speed 6x6 Carrier w/ Pump Option

Spline: 36 Involute

Gearing: 18.00" Spiral Bevel

Side Gear Part Number: 93401

Fastener Kit: N/A

These new carrier units can be used as a replacement for models DS4616P and DS4636P with no modifications. Model on ID tag may be DS4616P.

Ratio	New Carrier Core Free	Old Carrier Part-NLA
4.88	DS4616P488CF	509104
5.29	DS4616P529CF	681359
6.17	DS4616P617CF	675616

DD4636P - Single Speed 6x6 Carrier w/ Diff Lock & Pump Options

Spline: 36 Involute

Gearing: 18.00" Spiral Bevel

Side Gear Part Number: 93401

Fastener Kit: N/A

These new carrier units can be used as a replacement for models DD4616P and DD4636P with no modifications. Model on ID tag may be DD4616P.

Ratio	New Carrier Core Free	Old Carrier Part-NLA
4.88	Call Dana	Call Dana
5.29	Call Dana	Call Dana
5.29	Call Dana	Call Dana

D170 - Standard Carrier

Spline: 46 Involute

Gearing: 18.00" Ring Gear Diameter

Side Gear Part Number: 300GD101

Fastener Kit: 512896

These new carrier units directly replace tandem forward models D40-170, D46-170 and D50-170 with no modifications.

Ratio	New Carrier Exchange	New Carrier Core Free	Old Carrier Part-NLA
3.07	D170307EX	D170307CF	683000
3.21	D170321EX	D170321CF	683001
3.42	D170342EX	D170342CF	683003
3.58	D170358EX	D170358CF	683004
3.73	D170373EX	D170373CF	683005
3.91	D170391EX	D170391CF	683006
4.10	D170410EX	D170410CF	683007
4.30	D170430EX	D170430CF	683008
4.56	D170456EX	D170456CF	683009
4.78	D170478EX	D170478CF	683010
5.25	D170525EX	D170525CF	683011
5.38	D170538EX	D170538CF	683012
5.57	D170557EX	D170557CF	683013
6.14	D170614EX	D170614CF	683014
6.83	D170683EX	D170683CF	683015
7.17	D170717EX	D170717CF	683016

Tandem Drive Axle - Single Reduction Carriers

D170P - Standard Carrier w/ Pump Option

Spline: 46 Involute

Gearing: 18.00" Ring Gear Diameter

Side Gear Part Number: 300GD101

Fastener Kit: 512896

These new carrier units directly replace tandem forward models D40-170P, D46-170P and D50-170P with no modifications.

Ratio	New Carrier Exchange	New Carrier Core Free	Old Carrier Part-NLA
3.07	D170P307EX	D170P307CF	683034
3.21	D170P321EX	D170P321CF	683035
3.42	D170P342EX	D170P342CF	683037
3.58	D170P358EX	D170P358CF	683038
3.73	D170P373EX	D170P373CF	683039
3.91	D170P391EX	D170P391CF	683040
4.10	D170P410EX	D170P410CF	683041
4.30	D170P430EX	D170P430CF	683042
4.56	D170P456EX	D170P456CF	683043
4.78	D170P478EX	D170P478CF	683044
5.25	D170P525EX	D170P525CF	683045
5.38	D170P538EX	D170P538CF	683046
5.57	D170P557EX	D170P557CF	683047
6.14	D170P614EX	D170P614CF	683048
6.83	D170P683EX	D170P683CF	683049
7.17	D170P717EX	D170P717CF	683050

S170 - Standard Carrier

Spline: 46 Involute

Gearing: 18.00" Ring Gear Diameter

Side Gear Part Number: 300GD101

Fastener Kit: 512897

These new carrier units directly replace tandem rear-rear models R40-170 & R46-170 and single axle models S21-170, S23-170 & S26-170 with no modifications. Model on ID tag may be R46-170.

Ratio	New Carrier Exchange	New Carrier Core Free	Old Carrier Part-NLA
3.07	S170307EX	S170307CF	683183
3.21	S170321EX	S170321CF	683184
3.42	S170342EX	S170342CF	683186
3.58	S170358EX	S170358CF	683187
3.73	S170373EX	S170373CF	683188
3.91	S170391EX	S170391CF	683189
4.10	S170410EX	S170410CF	683190
4.30	S170430EX	S170430CF	683191
4.56	S170456EX	S170456CF	683192
4.78	S170478EX	S170478CF	683193
5.25	S170525EX	S170525CF	683194
5.38	S170538EX	S170538CF	683252
5.57	S170557EX	S170557CF	683253
6.14	S170614EX	S170614CF	683254
6.83	S170683EX	S170683CF	683255
7.17	S170717EX	S170717CF	683256

Tandem Drive Axle - Single Reduction Carriers

S170 - Standard Carrier w/ No Spin Option

Spline: 46 Involute

Gearing: 18.00" Ring Gear Diameter

No Spin Part Number: 131882

Fastener Kit: 512897

These new carrier units directly replace tandem rear-rear models R40-170NS & R46-170NS and single axle models S21-170NS, S23-170NS & S26-170NS with no modifications. Model on ID tag may be R46-170NS.

Ratio	New Carrier Exchange	New Carrier Core Free	Old Carrier Part-NLA
3.07	S170N307EX	S170N307CF	683519
3.21	S170N321EX	S170N321CF	683520
3.42	S170N342EX	S170N342CF	683521
3.58	S170N358EX	S170N358CF	683522
3.73	S170N373EX	S170N373CF	683523
3.91	S170N391EX	S170N391CF	683524
4.10	S170N410EX	S170N410CF	683525
4.30	S170N430EX	S170N430CF	683408
4.56	S170N456EX	S170N456CF	683409
4.78	S170N478EX	S170N478CF	683410
5.25	S170N525EX	S170N525CF	683411
5.38	S170N538EX	S170N538CF	683412
5.57	S170N557EX	S170N557CF	683382
6.14	S170N614EX	S170N614CF	683413
6.83	S170N683EX	S170N683CF	683414
7.17	S170N717EX	S170N717CF	683526

D170D - Diff Lock Carrier

Spline: 46 Involute

Gearing: 18.00" Ring Gear Diameter

Side Gear Part Number: 300GD101

Fastener Kit: 512896

These new carrier units will directly replace tandem forward models D40-170D, D46-170D and D50-170D with no modifications.

Ratio	New Carrier Exchange	New Carrier Core Free	Old Carrier Part-NLA
3.07	D170D307EX	D170D307CF	683017
3.21	D170D321EX	D170D321CF	683018
3.42	D170D342EX	D170D342CF	683020
3.58	D170D358EX	D170D358CF	683021
3.73	D170D373EX	D170D373CF	683022
3.91	D170D391EX	D170D391CF	683023
4.10	D170D410EX	D170D410CF	683024
4.30	D170D430EX	D170D430CF	683025
4.56	D170D456EX	D170D456CF	683026
4.78	D170D478EX	D170D478CF	683027
5.25	D170D525EX	D170D525CF	683028
5.38	D170D538EX	D170D538CF	683029
5.57	D170D557EX	D170D557CF	683030
6.14	D170D614EX	D170D614CF	683031
6.83	D170D683EX	D170D683CF	683032
7.17	D170D717EX	D170D717CF	683033

Tandem Drive Axle - Single Reduction Carriers

D170DP - Diff Lock Carrier w/ Pump Option

Spline: 46 Involute

Gearing: 18.00" Ring Gear Diameter

Side Gear Part Number: 300GD101

Fastener Kit: 512896

These new carrier units will directly replace tandem forward models D40-170DP, D46-170DP and D50-170DP with no modifications.

Ratio	New Carrier Exchange	New Carrier Core Free	Old Carrier Part-NLA
3.07	D170DP307EX	D170DP307CF	683051
3.21	D170DP321EX	D170DP321CF	683052
3.42	D170DP342EX	D170DP342CF	683054
3.58	D170DP358EX	D170DP358CF	683055
3.73	D170DP373EX	D170DP373CF	683056
3.91	D170DP391EX	D170DP391CF	683057
4.10	D170DP410EX	D170DP410CF	683058
4.30	D170DP430EX	D170DP430CF	683059
4.56	D170DP456EX	D170DP456CF	683060
4.78	D170DP478EX	D170DP478CF	683061
5.25	D170DP525EX	D170DP525CF	683062
5.38	D170DP538EX	D170DP538CF	683063
5.57	D170DP557EX	D170DP557CF	683064
6.14	D170DP614EX	D170DP614CF	683065
6.83	D170DP683EX	D170DP683CF	683066
7.17	D170DP717EX	D170DP717CF	683067

S170D - Diff Lock Carrier

Spline: 46 Involute

Gearing: 18.00" Ring Gear Diameter

Side Gear Part Number: 300GD101

Note: Drive Axle Tag may read R46-170D

Fastener Kit: 512897

These new carrier units directly replace tandem rear-rear models R40-170D, R46-170D, R50-170D and single axle models S21-170D, S23-170D, S25-170D with no modifications.

Ratio	New Carrier Exchange	New Carrier Core Free	Old Carrier Part-NLA
3.07	S170D307EX	S170D307CF	683198
3.21	S170D321EX	S170D321CF	683199
3.42	S170D342EX	S170D342CF	683201
3.58	S170D358EX	S170D358CF	683202
3.73	S170D373EX	S170D373CF	683203
3.91	S170D391EX	S170D391CF	683204
4.10	S170D410EX	S170D410CF	683205
4.30	S170D430EX	S170D430CF	683206
4.56	S170D456EX	S170D456CF	683207
4.78	S170D478EX	S170D478CF	683208
5.25	S170D525EX	S170D525CF	683209
5.38	S170D538EX	S170D538CF	683257
5.57	S170D557EX	S170D557CF	683258
6.14	S170D614EX	S170D614CF	683259
6.83	S170D683EX	S170D683CF	683260
7.17	S170D717EX	S170D717CF	683261

Tandem Drive Axle - Single Reduction Carriers

D190 - Standard Carrier

Spline: 46 Involute

Gearing: 18.50" Ring Gear Diameter

Side Gear Part Number: 300GD101

Fastener Kit: 512896

These new carrier units will directly replace tandem forward models D46-190, D52-190 and D60-190 with no modifications. See Note 1.

Ratio	New Carrier Exchange	New Carrier Core Free	Old Carrier Part-NLA
3.42	D190342EX	D190342CF	683068
3.58	D190358EX	D190358CF	683069
3.73	D190373EX	D190373CF	683070
3.91	D190391EX	D190391CF	683071
4.10	D190410EX	D190410CF	683072
4.30	D190430EX	D190430CF	683073
4.56	D190456EX	D190456CF	683074
4.78	D190478EX	D190478CF	683075
5.25	D190525EX	D190525CF	683076
5.38	D190538EX	D190538CF	683077
5.57	D190557EX	D190557CF	683078
6.14	D190614EX	D190614CF	683079
6.83	D190683EX	D190683CF	683080
7.17	D190717EX	D190717CF	683081

Note 1: Dana D190 Forward models come standard with lube pump. Serial tags for production axles do not carry the traditional "P" designation in the model identifier.

S190 - Standard Carrier

Spline: 46 Involute

Gearing: 18.50" Ring Gear Diameter

Side Gear Part Number: 300GD101

Fastener Kit: 512897

Note: Drive Axle Tag may read R46-190.

These new carrier units will directly replace tandem rear rear models R46-190, R52-190 & R60-190 and single axle models S23-190, S26-190 & S30-190 with no modifications.

Ratio	New Carrier Exchange	New Carrier Core Free	Old Carrier Part-NLA
2.53	S190253EX	S190253CF	683288
2.69	S190269EX	S190269CF	683210
2.87	S190287EX	S190287CF	683211
2.93	S190293EX	S190293CF	683212
3.07	S190307EX	S190307CF	683213
3.21	S190321EX	S190321CF	683214
3.42	S190342EX	S190342CF	683216
3.58	S190358EX	S190358CF	683217
3.73	S190373EX	S190373CF	683218
3.91	S190391EX	S190391CF	683219
4.10	S190410EX	S190410CF	683220
4.30	S190430EX	S190430CF	683221
4.56	S190456EX	S190456CF	683222
4.78	S190478EX	S190478CF	683223
5.25	S190525EX	S190525CF	683224
5.38	S190538EX	S190538CF	683225
5.57	S190557EX	S190557CF	683226
6.14	S190614EX	S190614CF	683227
6.83	S190683EX	S190683CF	683228
7.17	S190717EX	S190717CF	683229
7.83	S190783EX	S190783CF	683230

Tandem Drive Axle - Single Reduction Carriers

S190 - Standard Carrier w/ No Spin Option

Spline: 46 Involute

Gearing: 18.50" Ring Gear Diameter

No Spin Diff Part Number: 131882

Fastener Kit: 512897

Note: Drive Axle Tag may read R46-190NS.

These new carrier units will directly replace tandem rear rear models S23-190NS and S26-190NS with no modifications.

Ratio	New Carrier Exchange	New Carrier Core Free	Old Carrier Part-NLA
2.69	S190N269EX	S190N269CF	683527
2.87	S190N287EX	S190N287CF	683528
2.93	S190N293EX	S190N293CF	683529
3.07	S190N307EX	S190N307CF	683530
3.21	S190N321EX	S190N321CF	683531
3.42	S190N342EX	S190N342CF	683532
3.58	S190N358EX	S190N358CF	683533
3.73	S190N373EX	S190N373CF	683534
3.91	S190N391EX	S190N391CF	683535
4.10	S190N410EX	S190N410CF	683536
4.30	S190N430EX	S190N430CF	683537
4.56	S190N456EX	S190N456CF	683538
4.78	S190N478EX	S190N478CF	683539
5.25	S190N525EX	S190N525CF	683540
5.38	S190N538EX	S190N538CF	683415
5.57	S190N557EX	S190N557CF	683416
6.14	S190N614EX	S190N614CF	683417
6.83	S190N683EX	S190N683CF	683418
7.17	S190N717EX	S190N717CF	683541
7.83	S190N783EX	S190N783CF	683542

D190D - Diff Lock Carrier

Spline: 46 Involute

Gearing: 18.50" Ring Gear Diameter

Side Gear Part Number: 300GD101

Fastener Kit: 512896

These new carrier units will directly replace tandem forward models D52-190D, D60-190D with no modifications. See Note 1.

	New Carrier	New Carrier	Old Carrier
Ratio	Exchange	Core Free	Part-NLA
3.42	D190D342EX	D190D342CF	683082
3.58	D190D358EX	D190D358CF	683083
3.73	D190D373EX	D190D373CF	683084
3.91	D190D391EX	D190D391CF	683085
4.10	D190D410EX	D190D410CF	683086
4.30	D190D430EX	D190D430CF	683087
4.56	D190D456EX	D190D456CF	683088
4.78	D190D478EX	D190D478CF	683089
5.25	D190D525EX	D190D525CF	683090
5.38	D190D538EX	D190D538CF	683091
5.57	D190D557EX	D190D557CF	683092
6.14	D190D614EX	D190D614CF	683093
6.83	D190D683EX	D190D683CF	683094
7.17	D190D717EX	D190D717CF	683095

Note 1: Dana D190D Forward models with diff-lock come standard with lube pump. Serial tags for production axles do not carry the traditional "P" designation in the model identifier.

S190D - Diff Lock Carrier

Spline: 46 Involute

Gearing: 18.50" Ring Gear Diameter

Side Gear Part Number: 300GD101

Fastener Kit: 512897

Note: Drive Axle Tag may read R46-190D

These new carrier units will directly replace tandem rear-rear models R46-190D, R52-190D, R60-190D and single axle models S23-190D, S26-190D, and S30-190D with no modifications.

	New Carrier	New Carrier	Old Carrier
Ratio	Exchange	Core Free	Part-NLA
2.53	S190D253EX	S190D253CF	683478
2.69	S190D269EX	S190D269CF	683231
2.87	S190D287EX	S190D287CF	683232
2.93	S190D293EX	S190D293CF	683233
3.07	S190D307EX	S190D307CF	683234
3.21	S190D321EX	S190D321CF	683235
3.42	S190D342EX	S190D342CF	683237
3.58	S190D358EX	S190D358CF	683238
3.73	S190D373EX	S190D373CF	683239
3.91	S190D391EX	S190D391CF	683240
4.10	S190D410EX	S190D410CF	683241
4.30	S190D430EX	S190D430CF	683242
4.56	S190D456EX	S190D456CF	683243
4.78	S190D478EX	S190D478CF	683244
5.25	S190D525EX	S190D525CF	683245
5.38	S190D538EX	S190D538CF	683246
5.57	S190D557EX	S190D557CF	683247
6.14	S190D614EX	S190D614CF	683248
6.83	S190D683EX	S190D683CF	683249
7.17	S190D717EX	S190D717CF	683250
7.83	S190D783EX	S190D783CF	683251

Tandem Drive Axle - Two Speed Carriers

RT341 - Two Speed Carrier

Spline: 39 Involute

Gearing: 16.00" Spiral Bevel (3.36-3.70 Ratio)

Gearing: 16.50" Spiral Bevel (3.90-7.17 Ratio)

Side Gear Part Number: 110525

Fastener Kit: N/A

These new carrier units will directly replace tandem axle model RT341 and single axle models 19055T and 19060T with no modifications.

Ratio	New Carrier Core Free	Old Carrier Part-NLA
3.70/5.05	19060T370505CF	675275
4.11/5.61	19060T411561CF	675459
4.33/5.91	19060T433591CF	675299
4.56/6.21	19060T456621CF	675374
4.88/6.65	19060T488665CF	674920
5.57/7.60	19060T557760CF	674905
6.14/8.55	19060T614855CF	674930
6.57/8.96	19060T657896CF	675234
7.17/9.77	19060T717977CF	674787

DT402 - Two Speed Carrier

Spline: 41 Involute

Gearing: 16.00" Spiral Bevel (3.36-3.70 Ratio)

Gearing: 16.50" Spiral Bevel (3.90-7.17 Ratio)

Side Gear Part Number: 110527

Fastener Kit: N/A

These new carrier units will directly replace models DT381, DT402, DT403 and DT451 built with 41 Involute spline side gears. See Note 1.

Ratio	New Carrier Core Free	Old Carrier Part-NLA
3.70/5.05	DT402370505CF	674852
3.90/5.31	DT402390531CF	674554
4.11/5.61	DT402411561CF	674555
4.33/5.91	DT402433591CF	674556
4.56/6.21	DT402456621CF	674557
5.29/7.21	DT402529721CF	674702
5.57/7.60	DT402557760CF	674857
6.57/8.96	DT402657896CF	676130

Note 1: In Nov. 1995, the models DT/RT451 and DP/RP451 were produced in both 33 and 41 Involute side gear configurations. **Before ordering a service carrier verify correct spline count.**

DT402P - Two Speed Carrier w/ Pump Option

Spline: 41 Involute

Gearing: 16.00" Spiral Bevel (3.36-3.70 Ratio)

Gearing: 16.50" Spiral Bevel (3.90-7.17 Ratio)

Side Gear Part Number: 110527

Fastener Kit: N/A

These new carrier units will directly replace models DT381P, DT402P, DT403P and DT451P built with 41 Involute spline side gears. See Note 1.

Ratio	New Carrier Core Free	Old Carrier Part-NLA
3.70/5.05	DT402P370505CF	674777
3.90/5.31	DT402P390531CF	674600
4.11/5.61	DT402P411561CF	674601
4.33/5.91	DT402P433591CF	674602
4.56/6.21	DT402P456621CF	674603
5.29/7.21	DT402P529721CF	681387
5.57/7.60	DT402P557760CF	675517
6.57/8.96	DT402P657896CF	675394
7.17/9.77	DT402P717977CF	675613

Note 1: In Nov. 1995, the models DT/RT451P and DP/RP451P were produced in both 33 and 41 Involute side gear configurations. **Before ordering a service carrier verify correct spline count.**

RT402 - Two Speed Carrier

Spline: 41 Involute

Gearing: 16.00" Spiral Bevel (3.36-3.70 Ratio)

Gearing: 16.50" Spiral Bevel (3.90-7.17 Ratio)

Side Gear Part Number: 110527

Fastener Kit: N/A

These new carrier units will directly replace models RT381, RT402, RT403, RT451, 21060T, 22060T and 21065T (see Notes 1 & 3). Also replaces 21065P and RP402 (see Note 2).

These units can be used as a replacement for model 22220 when a new yoke and slinger is used. See yoke section for proper selection.

Ratio	New Carrier Core Free	Old Carrier Part-NLA
3.70/5.05	RT402370504CF	674698
4.11/5.61	RT402411561CF	674559
4.33/5.91	RT402433591CF	674560
4.56/6.21	RT402456621CF	674561
4.88/6.65	RT402488665CF	674565
5.57/7.60	RT402557760CF	674700
6.14/8.38	RT402614838CF	674701
6.57/8.96	RT402657896CF	675460
7.17/9.77	RT402717977CF	675461

Note 1: In Nov. 1995, the models DT/RT451(P) and DP/RP451(P) were produced in both 33 and 41 Involute side gear configurations. **Before ordering a service carrier verify correct spline count.**

Note 2: Original RP402 & RP451 carriers no longer available. Replaced by RT402 carrier and 122680 seasonal engagement kit. Refer to section on seasonal engagement kits in back of book.

Note 3: If replacing a 21065T or 22065T w/RT402 service carrier, be sure to use correct replacement Carrier to Hsg Fastener kit. See Hardware Kits section of this IPL.

RT402/21060T = English threaded fasteners

21065/22065T = Metric threaded fasteners

Tandem Drive Axle - Two Speed Carriers

DT461P - Two-Speed Carrier w/ Pump Option

Spline: 36 Involute

Gearing: 18.00" Spiral Bevel

Side Gear Part Number: 118959

Fastener Kit: 511372 (contains capscrews) or 511374 (contains studs)

These new carrier units will directly replace models DT461P, DT462P, DT463P and DT521P with no modifications. See Note 1.

Ratio	New Carrier Core Free	Old Carrier Part-NLA
3.70/5.04	DT461P370504CF	674609
3.90/5.32	DT461P390532CF	674828
4.11/5.60	DT461P411560CF	674526
4.33/5.90	DT461P433590CF	674527
4.56/6.21	DT461P456621CF	674528
4.88/6.64	DT461P488664CF	674529
5.43/7.39	DT461P543739CF	674530
6.17/8.40	DT461P617840CF	674912

Note 1: DT461P Hybrids and RT461 Hybrids were discontinued August 2007. Convert to using 36 inv spline carriers and axle shafts.

RT461 - Two-Speed Carrier

Spline: 36 Involute

Gearing: 18.00" Spiral Bevel

Side Gear Part Number: 118959

Fastener Kit: 511373 (contains capscrews) or 511375 (contains studs)

These new carrier units will directly replace models RT461, RT462, RT463, RT521, 26080T, 23080T, 23082T and 23085T with no modifications.

Ratio	New Carrier Core Free	Old Carrier Part-NLA
3.70/5.04	RT461370504CF	674610
3.90/5.32	RT461390532CF	674829
4.11/5.60	RT461411560CF	674531
4.33/5.90	RT461433590CF	674532
4.56/6.21	RT461456620CF	674533
4.88/6.64	RT461488664CF	674534
5.43/7.39	RT461543739CF	674535
6.17/8.40	RT461617840CF	674908
6.67/9.08	RT461667908CF	674913

DT461P - Two-Speed Carrier w/ Pump & No Spin Options

Spline: 36 Involute

Gearing: 18.00" Spiral Bevel

No Spin Part Number: 126211

Fastener Kit: 511372 (contains capscrews) or 511374 (contains studs)

These new carrier units will directly replace models DT461P, DT462P, DT463P, and DT521P with no modifications. See Note 1.

Ratio	New Carrier Core Free	Old Carrier Part-NLA
3.90/5.32	DT461PN390532CF	216863
4.11/5.60	DT461PN411560CF	216864
4.56/6.21	DT461PN456621CF	216866
4.88/6.64	DT461PN488664CF	216867
5.43/7.39	DT461PN543739CF	216868

Note 1: DT461P Hybrids and RT461 Hybrids were discontinued August 2007. Convert to using 36 inv spline carriers and axle shafts.

RT461 - Two-Speed Carrier w/ No Spin Option

Spline: 36 Involute

Gearing: 18.00" Spiral Bevel

No Spin Diff Part Number: 126211

Fastener Kit: 511373 (contains capscrews) or 511375 (contains studs)

These new carrier units will directly replace models RT461, RT462, RT463, RT521, 26080T, 23080T, 23082T and 23085T with no modifications.

Ratio	New Carrier Core Free	Old Carrier Part-NLA
3.70/5.04	RT461N370504CF	122553
3.90/5.32	RT461N390532CF	213603
4.11/5.60	RT461N411560CF	124632
4.33/5.90	RT461N433590CF	681388
4.56/6.21	RT461N456621CF	681389
4.88/6.64	RT461N488664CF	681390
5.43/7.39	RT461N543739CF	217742
6.17/8.40	RT461N617840CF	214525
6.67/9.08	RT461N667908CF	214962

Tandem Drive Axle Double Reduction Carriers

DP402 - Planetary Double Reduction

Spline: 41 Involute

Gearing: 16.00" Spiral Bevel (3.36-3.70 Ratio)

Gearing: 16.50" Spiral Bevel (3.90-7.17 Ratio)

Side Gear Part Number: 110527

Fastener Kit: N/A

See Note 1: These new carrier units will directly replace models DP402, DP381 and DP451 built with 41 Involute spline side gears with no modifications.

Ratio	New Carrier Core Free	Old Carrier Part-NLA
5.05	DP402505CF	675548
5.61	DP402561CF	675542
5.91	DP402591CF	675271

Note 1: In Nov. 1995, the models DT/RT451 and DP/RP451 were produced in both 33 and 41 Involute side gear configurations. **Before ordering a service carrier verify correct spline count.**

DP402P - Planetary Double Reduction w/ Pump Option

Spline: 41 Involute

Gearing: 16.00" Spiral Bevel (3.36-3.70 Ratio)

Gearing: 16.50" Spiral Bevel (3.90-7.17 Ratio)

Side Gear Part Number: 110527

Fastener Kit: N/A

See Note 1: These new carrier units will directly replace models DP402P, DP381P and DP451P built with 41 Involute spline side gears with no modifications.

Ratio	New Carrier Core Free	Old Carrier Part-NLA
5.32	DP402P532CF	675551
5.61	DP402P561CF	675266
5.91	DP402P591CF	676131

Note 1: In Nov. 1995, the models DT/RT451P and DP/RP451P were produced in both 33 and 41 Involute side gear configurations. **Before ordering a service carrier verify correct spline count.**

RP402 - Planetary Double Reduction (USE RT402 AND 122680 ENGAGEMENT KIT)

USE RT402 Service Carriers below plus 122680 Engagement Kit

Spline: 41 Involute

Gearing: 16.00" Spiral Bevel (3.36-3.70 Ratio)

Gearing: 16.50" Spiral Bevel (3.90-7.17 Ratio)

Side Gear Part Number: 110527

Fastener Kit: N/A

These new carrier units can be used to replace RP402 and RP451. Order the RT402 carrier below and install Dana 122680 Engagement Kit.

Ratio	New Carrier Core Free	Old Carrier Part-NLA	Notes
3.70/5.05	RT402370504CF	674698	plus 122680 kit
4.11/5.61	RT402411561CF	674559	plus 122680 kit
4.33/5.91	RT402433591CF	674560	plus 122680 kit

DP461P - Planetary Double Reduction w/ Pump Option

Spline: 36 Involute

Gearing: 18.00" Spiral Bevel

Side Gear Part Number: 118959

Fastener Kit: 511372 (contains capscrews) or 511374 (contains studs)

These new carrier units can be used as a replacement for DP461P, DP462P, DP463P, DP521P, DP601P, DP651P and DP652P with no modifications. See Note 1.

Ratio	New Carrier Core Free	Old Carrier Part-NLA
5.04	DP461P504CF	674954
5.31	DP461P531CF	674953
5.60	DP461P560CF	674952
5.90	DP461P590CF	674790
6.20	DP461P620CF	674936
6.64	DP461P664CF	674951
7.39	DP461P739CF	674949
8.40	DP461P840CF	674950

Note 1: Models DP/RP650, DP/RP580 were made with 39 Involute side gears. If a service carrier with 39 Involute is not available, models DP461/RP461 with 36 Involute spline side gears can be used as a replacements, **but the axle shafts must also be replaced.** See Axle Shaft IPL AXIP-0078 for part number listing.

Tandem Drive Axle Double Reduction Carriers

DP461P - Plantary Double Reduction w/ Pump & No Spin Options

Spline: 36 Involute

Gearing: 18.00" Spiral Bevel

No Spin Diff Part Number: 126211

Fastener Kit: 511372 (contains capscrews) or 511374 (contains studs)

These new carrier units can be used as a replacement for DP461P NS, DP462P NS and DP463P NS no spin carriers with no modifications. See Note 1.

Ratio	New Carrier Core Free	Old Carrier Part-NLA
5.04	DP461PN504CF	509382
6.20	DP461PN620CF	508003

Note 1: Models DP/RP650, DP/RP580 were made with 39 Involute side gears. If a service carrier with 39 Involute is not available, models DP461/RP461 with 36 Involute spline side gears can be used as a replacements, **but the axle shafts must also be replaced.** See Axle Shaft IPL AXIP-0078 for part number listing.

RP461 - Plantary Double Reduction Carrier w/ No Spin Option

Spline: 36 Involute

Gearing: 18.00" Spiral Bevel

No Spin Diff Part Number: 126211

Fastener Kit: 511373 (contains capscrews) or 511375 (contains studs)

These new carrier units will directly replace tandem axle models RP461 NS, RP462 NS and RP463 NS with no modifications. See Note 1.

Ratio	New Carrier Core Free	Old Carrier Part-NLA
5.04	RP461N504CF	123106HX
5.90	RP461N590CF	510857
6.20	RP461N620CF	211557

* These carriers built with triple lip design seal 210724.

Note 1: Models DP/RP650 and DP/RP580 were made with 39 Involute side gears. If a service carrier with 39 Involute is not available, models DP461/RP461 with 36 Involute spline side gears can be used as a replacements, **but the axle shafts must also be replaced.** See Axle Shaft IPL AXIP-0078 for part number listing.

RP461 - Plantary Double Reduction Carrier

Spline: 36 Involute

Gearing: 18.00" Spiral Bevel

Side Gear Part Number: 118959

Fastener Kit: 511373 (contains capscrews) or 511375 (contains studs)

These new carrier units will directly replace tandem axle models RP461, RP462, RP463, RP521, RP601, RP651 & RP652 and single axle models 23080P, 23082P, 26080P, 26085P and 35055P with no modifications. See Note 1.

Ratio	New Carrier Core Free	Old Carrier Part-NLA
5.04	RP461504CF	674977
5.31	RP461531CF	675512
5.60	RP461560CF	674932
5.90	RP461590CF	674671
6.20	RP461620CF	674937
6.64	RP461664CF	674672
7.39	RP461739CF	674673
8.40	RP461840CF	675225
9.08	RP461908CF	674674

* These carriers built with triple lip design seal 210724.

Note 1: Models DP/RP650 and DP/RP580 were made with 39 Involute side gears. If a service carrier with 39 Involute is not available, models DP461/RP461 with 36 Involute spline side gears can be used as a replacements, **but the axle shafts must also be replaced.** See Axle Shaft IPL AXIP-0078 for part number listing.

Tandem Drive Axle Double Reduction Carriers

D590 - Double Reduction Carrier

Spline: 46 Involute

Gearing: 18.50" Ring Gear Diameter

Side Gear Part Number: 300GD101

Fastener Kit: N/A

These new carrier units will directly replace forward models D46-590, D52-590, D60-590, D70-590 with no modifications.

Ratio	New Carrier Exchange	New Carrier Core Free	Old Carrier Part-NLA
4.75	D590475EX	D590475CF	683096
4.99	D590499EX	D590499CF	683097
5.19	D590519EX	D590519CF	683098
5.44	D590544EX	D590544CF	683099
5.70	D590570EX	D590570CF	683100
5.98	D590598EX	D590598CF	683101
6.34	D590634EX	D590634CF	683102
6.65	D590665EX	D590665CF	683103
7.30	D590730EX	D590730CF	683104
7.48	D590748EX	D590748CF	683105
7.75	D590775EX	D590775CF	683106
8.55	D590855EX	D590855CF	683107
9.51	D590951EX	D590951CF	683108
9.97	D590997EX	D590997CF	683109
10.90	D5901090EX	D5901090CF	683419

R590 - Double Reduction Carrier

Spline: 46 Involute

Gearing: 18.50" Ring Gear Diameter

Side Gear Part Number: 300GD101

Fastener Kit: N/A

These new carrier units will directly replace rear-rear tandem models R46-590, R52-590, R60-590, R70-590 and single axle models S23-590, S26-590, S30-590, S35-590 with no modifications.

Ratio	New Carrier Exchange	New Carrier Core Free	Old Carrier Part-NLA
4.75	S590475EX	S590475CF	683152
4.99	S590499EX	S590499CF	683153
5.19	S590519EX	S590519CF	683154
5.44	S590544EX	S590544CF	683155
5.70	S590570EX	S590570CF	683156
5.98	S590598EX	S590598CF	683157
6.34	S590634EX	S590634CF	683158
6.65	S590665EX	S590665CF	683159
7.30	S590730EX	S590730CF	683160
7.48	S590748EX	S590748CF	683161
7.75	S590775EX	S590775CF	683162
8.55	S590855EX	S590855CF	683163
9.51	S590951EX	S590951CF	683164
9.97	S590997EX	S590997CF	683165
10.90	S5901090EX	S5901090CF	683276

Tandem Drive Axle Double Reduction Carriers

D590D - Double Reduction with Diff Lock Carrier

Spline: 46 Involute

Gearing: 18.50" Ring Gear Diameter

Side Gear Part Number: 300GD101

Fastener Kit: N/A

These new carrier units will directly replace forward models D52-590D, D60-590D and D70-590D with no modifications.

Ratio	New Carrier Exchange	New Carrier Core Free	Old Carrier Part-NLA
4.75	D590D475EX	D590D475CF	683110
4.99	D590D499EX	D590D499CF	683111
5.19	D590D519EX	D590D519CF	683112
5.44	D590D544EX	D590D544CF	683113
5.70	D590D570EX	D590D570CF	683114
5.98	D590D598EX	D590D598CF	683115
6.34	D590D634EX	D590D634CF	683116
6.65	D590D665EX	D590D665CF	683117
7.30	D590D730EX	D590D730CF	683118
7.48	D590D748EX	D590D748CF	683119
7.75	D590D775EX	D590D775CF	683120
8.55	D590D855EX	D590D855CF	683121
9.51	D590D951EX	D590D951CF	683122
9.97	D590D997EX	D590D997CF	683123
10.90	D590D1090EX	D590D1090CF	683608

R590D - Double Reduction with Diff Lock Carrier

Spline: 46 Involute

Gearing: 18.50" Ring Gear Diameter

Side Gear Part Number: 300GD101

Fastener Kit: N/A

These new carrier units will directly replace rear-rear tandem models R52-590D, R60-590D, R70-590D and single axle models S23-590D, S26-590D, S30-590D and S35-590D with no modifications.

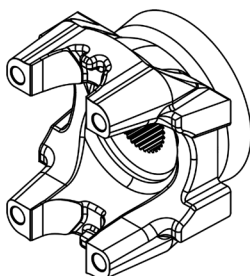
Ratio	New Carrier Exchange	New Carrier Core Free	Old Carrier Part-NLA
4.75	S590D475EX	S590D475CF	683166
4.99	S590D499EX	S590D499CF	683167
5.19	S590D519EX	S590D519CF	683168
5.44	S590D544EX	S590D544CF	683169
5.70	S590D570EX	S590D570CF	683564
5.98	S590D598EX	S590D598C	683621
6.34	S590D634EX	S590D634CF	683391
6.65	S590D665EX	S590D665CF	683393
7.30	S590D730EX	S590D730CF	683565
7.48	S590D748EX	S590D748CF	683566
7.75	S590D775EX	S590D775CF	683567
8.55	S590D855EX	S590D855CF	683392
9.51	S590D951EX	S590D951CF	683568
9.97	S590D997EX	S590D997CF	683569
10.90	S590D1090EX	S590D1090CF	683277

Yokes & Flanges

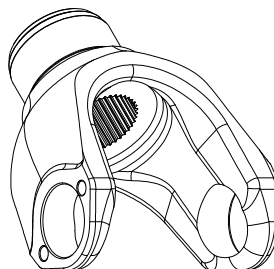
Yokes - Single Axle

Spicer yokes are shown for some of Dana's most popular drive axle models. Please note that the part numbers listed are PRODUCTION part numbers and are for reference only. The part number needed for service may vary. Please contact Driveshaft Division for price & availability of service yokes. For additional informatin see Service Bulletin ABIB0607.

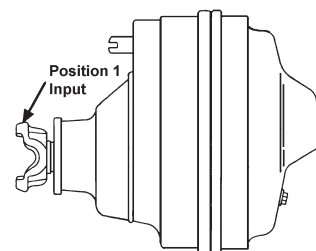
**Half Round
Style**



**Bearing Plate
Style**



Dana Single Axle



All 16130, 15040S/T and 19050S/D/T/P Models

Slinger #232039

End Yoke Assy.

(includes slinger/plug)	Series	Style	Dimensions (in Inches):					Replaces Old Part Number
			Bearing Cap Diameter	Yoke Span	Centerline to End	Ground Hub Diameter		
3-4-10461-1X	1410	HR	1.188	4.188	4.031	2.625		126425
3-4-10471-1X	1480	HR	1.375	4.188	4.281	2.625		126427
4-4-5611-1X	1550	HR	1.375	4.964	4.275	2.625		126429
5-4-7301-1X	1610	HR	1.875	5.312	4.750	2.625		126531
3-4-10471-1X	1480	HR	1.375	4.188	4.281	2.625		126533
6-4-7571-1*	1710	HR	1.938	6.190	5.438	2.625		126535

*Note: This is an end yoke only, no slinger attached.

All 17/19/21/22060S/D/A Models

Rear Axle - Pinion Postion 1 / 2.024-39 Involute Spline

Slinger #232511

End Yoke Assy.

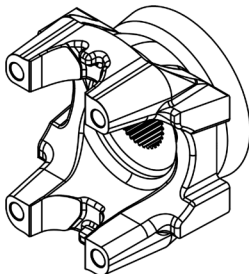
(includes slinger/plug)	Series	Style	Dimensions (in Inches):					Replaces Old Part Number
			Bearing Cap Diameter	Yoke Span	Centerline to End	Ground Hub Diameter		
6-4-9031X	1710	BP	1.938	6.094	5.250	3.000		127415
6-4-8991X	1710	BP	1.938	6.094	6.125	3.000		127637
6-4-9031-1X	1710	HR	1.938	6.190	5.250	3.000		128745
6-4-8991-1X	1710	HR	1.938	6.190	6.125	3.000		128746
5-4-9241-1X	1610	HR	1.875	5.312	6.000	3.000		129019
5-4-9231-1X	1610	HR	1.875	5.312	4.875	3.000		129043
3-4-13081-1X	1480	HR	1.375	4.188	4.344	3.000		129164
4-4-7571-1X	1550	HR	1.375	4.964	4.281	3.000		129166
170-4-261-1X	SPL170	HR	2.166	6.456	5.156	3.000		210839
170-4-281-1X	SPL170	HR	2.166	6.456	6.240	3.000		210841
90-4-251-1X	SPL90	HR	1.625	4.957	4.750	3.000		210923

Yokes & Flanges

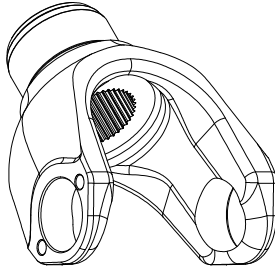
Yokes - Single Axle

Spicer yokes are shown for some of Dana's most popular drive axle models. Please note that the part numbers listed are PRODUCTION part numbers and are for reference only. The part number needed for service may vary. Please contact Driveshaft Division for price & availability of service yokes. For additional information see Service Bulletin ABIB0607.

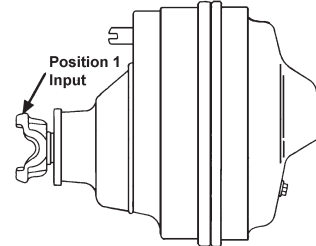
**Half Round
Style**



**Bearing Plate
Style**



Dana Single Axle



All 17/21/22130, 17/21/22430, 19/21/22060T/P, 21/22/23065S/T/P/D and 19055S/T/P/D Models

Rear Axle - Pinion Position 1 / 2.024-39 Involute Spline
Slinger #232167

End Yoke Assy. (includes slinger/plug)		Dimensions (in Inches):					
	Series	Style	Bearing Cap Diameter	Yoke Span	Centerline to End	Ground Hub Diameter	Replaces Old Part Number
170-4-161-1X	SPL170	HR	2.166	6.456	4.938	2.625	210827
6-4-8541X	1710	BP	1.938	6.094	6.125	2.625	127742
5-4-8421X	1610	BP	1.875	5.312	6.000	2.625	127743
6-4-8531X	1710	BP	1.938	6.094	5.250	2.625	127744
5-4-8411X	1610	BP	1.875	5.312	5.312	2.625	127745
5-4-8131-1X*	1610	HR	1.875	5.312	4.719	2.625	127746
4-4-7551-1X	1550	HR	1.375	4.964	4.266	2.625	127748

*Note: This contains slinger #232039, not #232167

All 21080S/D, 22080S/D, 23080S/D, 23085S/D, 23105S/D, 26080S/D, 26085S/D and 26/30105S/D Models

Single Axle - Input Position 1 / 2.274-44 Involute Spline
Slinger #232604

End Yoke Assy. (includes slinger/plug)		Dimensions (in Inches):					
	Series	Style	Bearing Cap Diameter	Yoke Span	Centerline to End	Ground Hub Diameter	Replaces Old Part Number
6-4-9161-1X	1710	HR	1.938	6.094	5.031	2.938	210728
170-4-31-1X	SPL170	HR	2.166	6.456	5.094	2.938	210859

Yokes & Flanges

All 23070T/P, 23080T/P, 23082T/P, 23085T/P and 35055P Models

Rear Pinion Position 1 / 2.143-41 Involute Spline
Slinger #232604

End Yoke Assy. (includes slinger/plug)	Series	Style	Dimensions (in Inches):			Ground Hub Diameter	Replaces Old Part Number
			Bearing Cap Diameter	Yoke Span	Centerline to End		
5-4-9111-1X	1610	HR	1.875	5.312	5.250	2.938	128882
6-4-9171X	1710	BP	1.938	6.094	5.190	2.938	128884
6-4-9181X	1710	BP	1.938	6.094	6.125	2.938	128885
170-4-361-1X	SPL170	HR	2.166	6.456	5.320	2.938	210853
170-4-381-1X	SPL170	HR	2.166	6.456	6.680	2.938	210855

S110 Model

Single Axle - Input Position 1 / 2.024-39 Involute Spline
Slinger #5006975

End Yoke Assy. (includes slinger/plug)	Series	Style	Dimensions (in Inches):			Ground Hub Diameter	Replaces Old Part Number
			Bearing Cap Diameter	Yoke Span	Centerline to End		
3-4-06976-1X	1480	HR	1.375	4.188	3.878	3.000	5006976
70-4-06977X	SPL70	BP	1.375	4.964	3.878	3.000	5006977

S130 & S132 Models

Single Axle - Input Position 1 / 2.024-39 Involute Spline
Slinger #5006975

End Yoke Assy. (includes slinger/plug)	Series	Style	Dimensions (in Inches):			Ground Hub Diameter	Replaces Old Part Number
			Bearing Cap Diameter	Yoke Span	Centerline to End		
3-4-06976-1X	1480	HR	1.375	4.188	3.878	3.000	5006976
70-4-06977-1X	SPL70	HR	1.375	4.964	3.878	3.000	5006977
100-4-06608-1X	SPL100	HR	1.626	4.958	4.150	3.000	5006608
140-4-07494-1X	SPL140	HR	1.938	5.457	4.470	3.000	5007494

S140 Model

Single Axle - Input Position 1 / 2.024-39 Involute Spline
Slinger #5006975

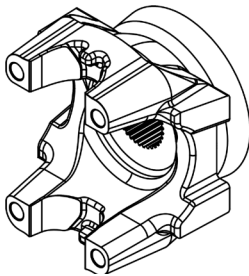
End Yoke Assy. (includes slinger/plug)	Series	Style	Dimensions (in Inches):			Ground Hub Diameter	Replaces Old Part Number
			Bearing Cap Diameter	Yoke Span	Centerline to End		
55-4-41-1X	SPL55	HR	1.375	4.188	4.219	2.375	55-4-41-1X
100-4-1431-1X	SPL100	HR	1.625	4.957	4.750	3.000	100-4-1431-1X
100-4-1451-1X	SPL100	HR	1.626	4.958	6.062	3.000	100-4-1451-1X
140-4-1641-1X	SPL140	HR	1.938	5.457	6.250	3.000	140-4-1641-1X
170-4-261-1X	SPL170	HR	2.166	6.456	5.156	3.000	170-4-1991-1X
6-4-10321-1X	1710	HR	1.938	6.190	5.250	3.000	6-4-10321-1X

Yokes & Flanges

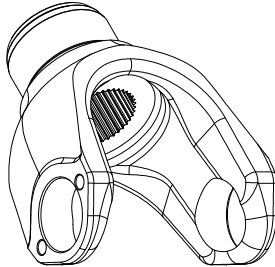
Yokes - Single Axle

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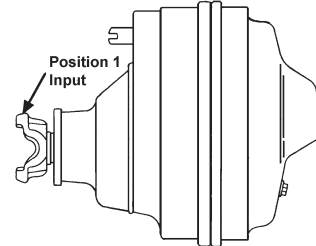
**Half Round
Style**



**Bearing Plate
Style**



Dana Single Axle



R145 Model

Single Axle - Input Position 1 / 2.024-39 Involute Spline
Slinger #5006975

End Yoke Assy. (includes slinger/plug)		Dimensions (in Inches):					
Series	Style	Bearing Cap Diameter	Yoke Span	Centerline to End	Ground Hub Diameter	Replaces Old Part Number	
6-4-9031X	1710	BP	1.938	6.094	5.250	3.000	127415
6-4-10321-1X	1710	HR	1.938	6.190	5.250	3.000	6-4-10321-1X
170-4-261-1X	SPL170	HR	2.166	6.456	5.160	3.000	170-4-1991-1X
170-4-281-1X	SPL170	HR	2.166	6.456	6.240	3.000	170-4-2001-1X

All 23105S/D and 26/30105S/D Models

Single Axle - Input Position 1 / 2.274-44 Involute Spline
Slinger #232604

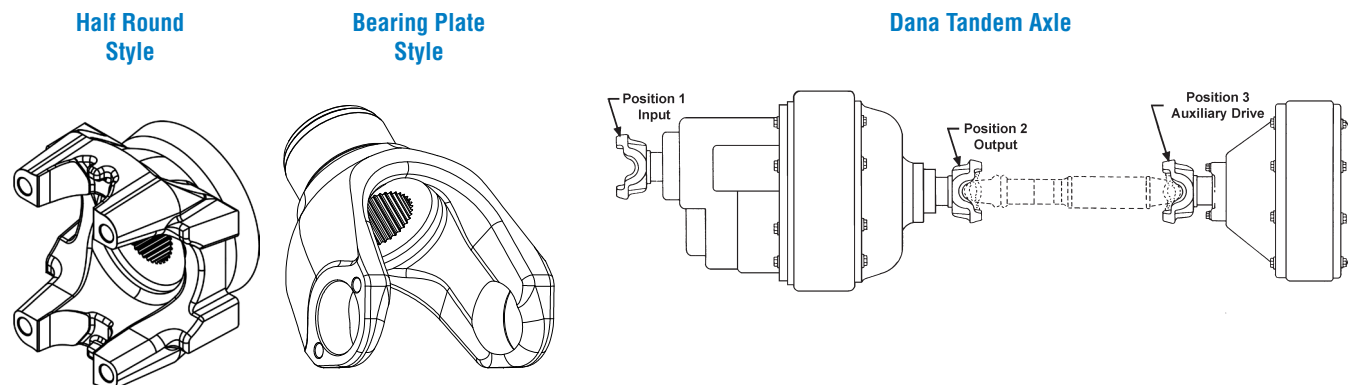
End Yoke Assy. (includes slinger/plug)		Dimensions (in Inches):					
Series	Style	Bearing Cap Diameter	Yoke Span	Centerline to End	Ground Hub Diameter	Replaces Old Part Number	
6-4-9161-1X	1710	HR	1.938	6.190	5.031	2.938	210728
6-3-4-1621-1X	1760	HR	1.938	7.094	5.094	2.938	127000
6-5-4-4591-1X	1810	HR	1.938	7.643	5.090	2.938	127004

Yokes - Tandem Axle

Yokes & Flanges

All D170 & D190 Tandem Axle Models

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Forward Axle - Input Position 1 / 2.274-44 Involute Spline Slinger #5008437

End Yoke Assy. (includes slinger/plug)		Series	Style	Dimensions (in Inches):				Replaces Old Part Number
				Bearing Cap Diameter	Yoke Span	Centerline to End	Ground Hub Diameter	
170-4-08444-1X		SPL170	HR	2.166	6.456	6.040	3.820	132863
170-4-08461-1X		SPL170	HR	2.166	6.456	6.810	3.820	5006714
250-4-08445-1X		SPL250	HR	2.362	6.412	6.200	3.819	131446
350-4-201-1X		SPL350	HR	2.559	6.768	6.200	3.896	350-4-201-1X
350-4-31-1X		SPL350	HR	2.559	6.768	6.200	3.820	350-4-31-1X
6-4-08438X		1710	BP	1.938	6.094	6.050	3.819	131530
6-4-08439-1X		1710	HR	1.938	6.094	6.050	3.819	131519
6-4-08447-1X		1710	HR	1.938	6.094	6.620	2.938	131450
6-4-08449X		1710	BP	1.938	6.094	6.260	3.819	131439
6-4-08450-1X		1710	HR	1.938	6.094	6.260	3.819	131438
6.3-4-08441-1X		1760	HR	1.938	7.000	5.750	3.819	131520

Forward Axle - Output Position 2 / 1.790-34 Involute Spline Slinger #232168

End Yoke Assy. (includes slinger/plug)		Series	Style	Dimensions (in Inches):				Replaces Old Part Number
				Bearing Cap Diameter	Yoke Span	Centerline to End	Ground Hub Diameter	
170-4-08448-1X		SPL170	HR	2.166	6.456	7.190	2.938	131451
6-4-08446X		1710	BP	1.938	6.094	6.200	3.819	131449
6-4-08447-1X		1710	HR	1.938	6.094	6.620	2.938	131450
6-4-08449X*		1710	BP	1.938	6.094	6.260	3.819	131439
6-4-08450-1X*		1710	HR	1.938	6.094	6.260	3.819	131438

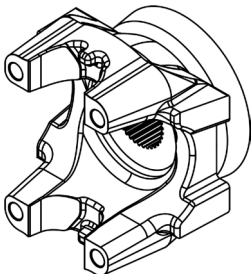
*Note: This contains slinger #5008437, not #232168

Yokes & Flanges

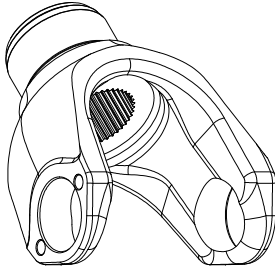
Yokes - Tandem Axle

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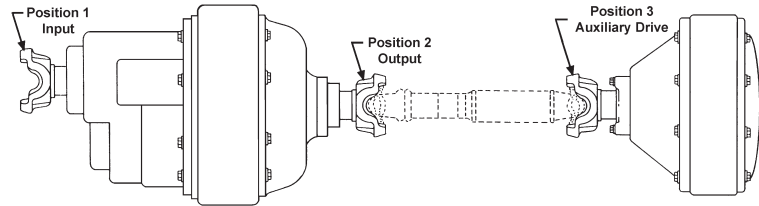
**Half Round
Style**



**Bearing Plate
Style**



Dana Tandem Axle



All R170 & R190 Tandem Axle Models

Rear Axle - Pinion Position 3 / 2.024-39 Involute Spline
Slinger #5008437

End Yoke Assy.

Dimensions (in Inches):

(includes slinger/plug)	Series	Style	Bearing Cap Diameter	Yoke Span	Centerline to End	Ground Hub Diameter	Replaces Old Part Number
170-4-08451-1X	SPL170	HR	2.166	6.456	6.260	3.818	131434
170-4-08458-1X	SPL170	HR	2.166	6.456	5.531	3.820	131433
170-4-2021-1X*	SPL170	HR	2.166	6.456	5.531	3.820	134581
6-4-08449X	1710	BP	1.938	6.094	6.260	3.819	131439
6-4-08450-1X	1710	HR	1.938	6.094	6.260	3.819	131438
6-4-08452X	1710	BP	1.938	6.094	5.570	3.819	131442
6-4-08453-1X	1710	HR	1.938	6.094	5.570	3.819	131437

*Note: This contains slinger #134580, not #5008437

Yokes & Flanges

All D344, D404, D405, D454, DSP40, DSP41, DSH40, DSH44, DST40, DST41, D40-145 and D40-145X Tandem Axle Models

Forward Axle - Input Position 1 / 2.274-44 Involute Spline
Slinger #232511

End Yoke Assy. (includes slinger/plug)		Dimensions (in Inches):					
	Series	Style	Bearing Cap Diameter	Yoke Span	Centerline to End	Ground Hub Diameter	Replaces Old Part Number
6-4-8451*	1710	BP	1.938	6.094	5.190	3.000	127548
6-4-8981-1X	1710	HR	1.938	6.190	5.190	3.000	127617
6.3-4-5221X	1760	BP	1.938	7.000	5.250	3.000	127618
6.5-4-4571X	1810	BP	1.938	7.547	5.250	3.000	127619
6.5-4-4571-1X	1810	HR	1.938	7.643	5.250	3.000	127621
6.3-4-5221-1X	1760	HR	1.938	7.094	5.250	3.000	127622
170-4-201-1X	SPL170	HR	2.166	6.456	5.270	3.000	210831
250-4-81-1X	SPL250	HR	2.166	6.412	5.490	3.000	210833

*Note: This is an end yoke only, also need to purchase slinger #232511.

Forward Axle - Output Position 2 / 2.024-39 Involute Spline
Slinger #232514

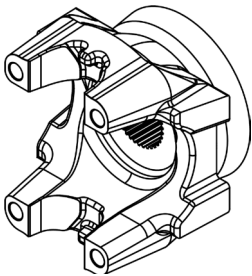
End Yoke Assy. (includes slinger/plug)		Dimensions (in Inches):					
	Series	Style	Bearing Cap Diameter	Yoke Span	Centerline to End	Ground Hub Diameter	Replaces Old Part Number
6-4-9041X	1710	BP	1.938	6.094	5.250	2.625	127558
6-4-9001X	1710	BP	1.938	6.094	6.125	2.625	127624
6-4-9001-1X	1710	HR	1.938	6.190	6.125	2.625	128722
6-4-9041-1X	1710	HR	1.938	6.190	5.250	2.625	128737
170-4-221-1X	SPL170	HR	2.166	6.456	5.266	2.625	210835
170-4-241-1X	SPL170	HR	2.166	6.456	6.500	2.625	210837

Yokes & Flanges

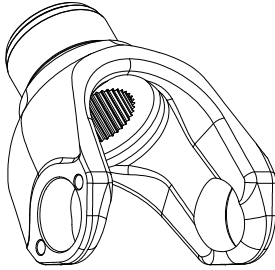
Yokes - Tandem Axle

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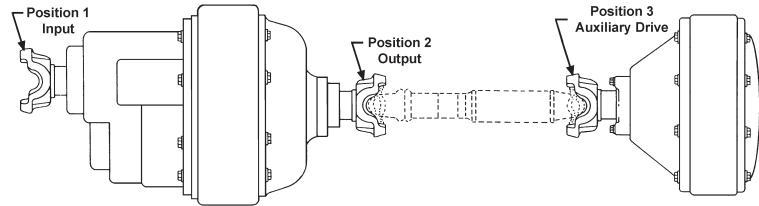
**Half Round
Style**



**Bearing Plate
Style**



Dana Tandem Axle



All R344, R404, R405, R454, RSP40, RSP41, RSH40, RSH44, RST40 and RST41 Models

Rear Axle - Pinion Position 3 / 2.024-39 Involute Spline
Slinger #232511

End Yoke Assy.

Dimensions (in Inches):

(includes slinger/plug)	Series	Style	Bearing Cap Diameter	Yoke Span	Centerline to End	Ground Hub Diameter	Replaces Old Part Number
6-4-9031X	1710	BP	1.938	6.094	5.250	3.000	127415
6-4-8991X	1710	BP	1.938	6.094	6.125	3.000	127637
6-4-9031-1X	1710	HR	1.938	6.190	5.250	3.000	128745
6-4-8991-1X	1710	HR	1.938	6.190	6.125	3.000	128746
5-4-9241-1X	1610	HR	1.875	5.312	6.000	3.000	129019
5-4-9231-1X	1610	HR	1.875	5.312	4.875	3.000	129043
3-4-13081-1X	1480	HR	1.375	4.188	4.344	3.000	129164
4-4-7571-1X	1550	HR	1.375	4.964	4.281	3.000	129166
170-4-261-1X	SPL170	HR	2.166	6.456	5.156	3.000	210839
170-4-281-1X	SPL170	HR	2.166	6.456	6.240	3.000	210841
90-4-251-1X	SPL90	HR	1.625	4.957	4.750	3.000	210923

Yokes & Flanges

D40-155 and D40-156 Tandem Axle Models

Forward Axle - Input Position 1 / 2.544-49 Involute Spline
Slinger #N/A

End Yoke Assy. (includes slinger/plug)		Series	Style	Dimensions (in Inches):			Ground Hub Diameter	Replaces Old Part Number
				Bearing Cap Diameter	Yoke Span	Centerline to End		
170-4-2011-1X		SPL170	HR	2.166	6.456	5.270	3.000	170-4-2011-1X
250-4-1281-1X		SPL250	HR	2.166	6.412	5.490	3.000	250-4-1281-1X

Forward Axle - Output Position 2 / 2.143-41 Involute Spline
Slinger #N/A

End Yoke Assy. (includes slinger/plug)		Series	Style	Dimensions (in Inches):			Ground Hub Diameter	Replaces Old Part Number
				Bearing Cap Diameter	Yoke Span	Centerline to End		
170-4-10002595-1X	SPL170		HR	2.166	6.456	7.190	3.000	10002595
250-4-10002596-1X	SPL250		HR	2.362	6.412	6.252	3.000	10002596

R40-155 and R40-156 Tandem Axle Models

Rear Axle - Pinion Position 3 / 2.544-49 Involute Spline
Slinger #N/A

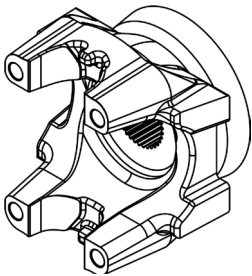
End Yoke Assy. (includes slinger/plug)		Series	Style	Dimensions (in Inches):			Ground Hub Diameter	Replaces Old Part Number
				Bearing Cap Diameter	Yoke Span	Centerline to End		
170-4-2021-1X		SPL170	HR	2.166	6.456	5.530	3.820	134581
250-4-1301-1X		SPL250	HR	2.362	6.412	5.830	3.861	134579

Yokes & Flanges

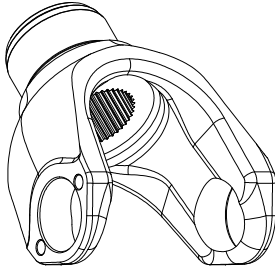
Yokes - Tandem Axle

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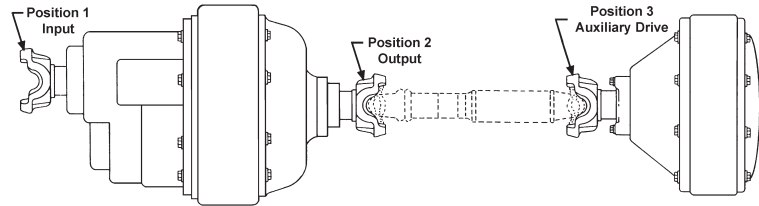
**Half Round
Style**



**Bearing Plate
Style**



Dana Tandem Axle



All D461, D462, D463, D521, D581, D601, D651 and D652 Models

Forward Axle - Input Position 1 / 2.390-46 Involute Spline
Slinger #232738

End Yoke Assy. (includes slinger/plug)		Series	Style	Dimensions (in Inches):				Replaces Old Part Number
				Bearing Cap Diameter	Yoke Span	Centerline to End	Ground Hub Diameter	
170-4-301-1X		SPL170	HR	2.166	6.456	6.531	3.375	210843
250-4-101-1X		SPL250	HR	2.362	6.412	6.760	3.375	210845
6-4-9201-1X		1710	HR	1.938	6.190	6.000	3.375	128877
6.5-4-4611X		1810	BP	1.938	7.547	6.000	3.375	128875

Forward Axle - Output Position 2 / 2.143-41 Involute Spline
Slinger #232609

End Yoke Assy. (includes slinger/plug)		Series	Style	Dimensions (in Inches):				Replaces Old Part Number
				Bearing Cap Diameter	Yoke Span	Centerline to End	Ground Hub Diameter	
6-4-9191X		1710	BP	1.938	6.094	6.625	2.938	128881
6.5-4-3931*		1810	BP	1.938	7.547	5.812	2.938	128878
170-4-341-1X		SPL170	HR	2.166	6.456	5.800	2.938	210847

*Note: this is an end yoke only, no slinger attached

Yokes & Flanges

All R461, R462, R463, R521, R581, R601, R651 and R652 Models

Rear Pinion Position 3 / 2.143-41 Involute Spline
Slinger #232604

End Yoke Assy.

(includes slinger/plug)	Series	Style	Dimensions (in Inches):				Replaces Old Part Number
			Bearing Cap Diameter	Yoke Span	Centerline to End	Ground Hub Diameter	
5-4-9111-1X	1610	HR	1.875	5.312	5.250	2.938	128882
6-4-9171X	1710	BP	1.938	6.094	5.190	2.938	128884
6-4-9181X	1710	BP	1.938	6.094	6.125	2.938	128885
170-4-361-1X	SPL170	HR	2.166	6.456	5.320	2.938	210853
170-4-381-1X	SPL170	HR	2.166	6.456	6.680	2.938	210855

Miscellaneous Information

Navistar Reverse Air - D404-RA Models

In late 1996, Navistar made a significant change to their vehicle air system which allowed them to change from their traditional "Reverse Air" axle lockout configuration to the industry standard "Straight Air". The redesigned D404 axles built after 11/2/98 do not have a "Reverse Air" option. In March 2006, Dana discontinued offering all "Reverse Air" D404 family carriers. The base carrier/cap body necessary to build these types of carriers are no longer available. Customers will need to find rebuilt product or consider retrofitting their vehicle to a conventional air system.

Navistar Reverse Air - D402 Models - Kit# 107621 and 96919

In July 2004, Dana discontinued making Reverse-Air design carriers from the D402 Family Axles. To convert any D341, D402(P), and D451P models from a standard air lockout configuration to a "Reverse-Air" configuration, order the service kit shown below. You would simply need to convert the Air Lockout parts located in the power divider section of the forward axle with this kit. For more information, refer to Dana Bulletin ABIB-0408.

Pump Models: Order Lockout Parts Kit 107621

Non-Pump Models: Order Lockout Parts Kit 96919

Seasonal Engagement Kit for Two-Speed Axles - Kit# 122680

Dana offers a seasonal engagement kit for two speed, controlled traction and planetary reduction design carriers. The seasonal engagement kit P/N 122680 can be used to convert several model types into non-shiftable axles by locking the axles sliding clutch into either the high or low end ratio. Several service carriers are now offered only as two-speeds but using this kit then allows them to be used for planetary double reduction axle applications. Refer to the model listing below.

Model	Serviced By
DP402(P)	DT402(P) & 122680 kit
DP451P	DT451P & 122680 kit
RP402	RT402 & 122680 kit
RP451	RT451 & 122680 kit
21065P	RT402 & 122680 kit
19050P	19050T & 122680 kit

IASS Models

On September 7, 2005, Dana discontinued the DA/RA402 carrier models. On March 28, 2006 Dana DA/RA404 carrier models are also discontinued by Dana. Individual components may still be available through normal parts channels. As a replacement option, customers can convert to standard (DS/RS402 or DS/RS404) and retrofit the vehicle system to a wheel end sensing configuration. Customers should contact their OEM engineering departments for further detailed requirements.

Hybrid Carriers

Hybrid Carriers

In September 2004, the following “HYBRID” carriers shown below were formally discontinued by Spicer due mostly to low sales volume. Hybrid carriers were designed to service older vehicles the used axles configured with early designed side gear spline configurations. Replacement carriers for those vehicles are still available, but now the axle shafts MUST also be updated. Note in some cases yokes require pgrading and should be replaced if replacing older design axles. Yokes can be found on page 54 of this IPL. A complete listing of available Axle Shafts can be found in AXIP-0078 catalog on spicerparts.com

NOTE: The hybrid side gear part numbers have been referenced in the chart below so customers wanting to swap the side gears out of new carriers, as a second option to replacing the axle shafts, can do so by purchasing the “hybrid” side gears. Many of these side gears are still available thru Spicer distributors.

Model	Part Number	Rato	Hybrid Side Gear Spline	Hybrid Side Gear Part Number	Replaced By	Side Gear/ Spline Count	Axle Shaft Model Notes
17130	675413	4.33	16 Str	37072	675395 + shafts	110525/39 Inv	Use 341 shafts
17200	674423	6.57/8.96	16 Str	37072	675234 + shafts	110525/39 Inv	Use 341 shafts
22120	675399	7.17	16 Str	37069	675486 + shafts	110527/41 Inv	Use 402 shafts
15040T * Now NLA	674400	5.86/8.15	19 Ang	102511	*674401 + shafts	110522/34 Inv	Use 15040T shafts
	674402	6.29/8.75	19 Ang	102511	*674405 + shafts	110522/34 Inv	Use 15040T shafts
	674403	6.29/8.75	16 Ang	102512	*674405 + shafts	110522/34 Inv	Use 15040T shafts
	674404	6.29/8.75	16 Str	102510	*674405 + shafts	110522/34 Inv	Use 15040T shafts
	674858	5.86/8.15	16 Str	102510	*674401 + shafts	110522/34 Inv	Use 15040T shafts
	675411	5.86/8.15	16 Ang	102512	*674401 + shafts	110522/34 Inv	Use 15040T shafts
	675560	4.56/6.34	16 Str	102510	*674680 + shafts	110522/34 Inv	Use 15040T shafts
19050P	675543	8.55	16 Str	210388	NLA – Call for quote	126000/36 Inv	Use 19050T shafts
19050T	674407	4.88/6.78	16 Str	210388	674409 + shafts	126000/36 Inv	Use 19050T shafts
	674408	4.88/6.78	16 Ang	210387	674409 + shafts	126000/36 Inv	Use 19050T shafts
	674410	5.57/7.75	16 Str	210388	674412 + shafts	126000/36 Inv	Use 19050T shafts
	674411	5.57/7.75	16 Ang	210387	674412 + shafts	126000/36 Inv	Use 19050T shafts
	674413	6.14/8.54	16 Str	210388	674415 + shafts	126000/36 Inv	Use 19050T shafts
	674414	6.14/8.54	16 Ang	210387	674415 + shafts	126000/36 Inv	Use 19050T shafts
	674416	6.57/9.14	16 Str	210388	674418 + shafts	126000/36 Inv	Use 19050T shafts
	674417	6.57/9.14	16 Ang	210387	674418 + shafts	126000/36 Inv	Use 19050T shafts
	674419	7.17/9.97	16 Str	210388	674630 + shafts	126000/36 Inv	Use 19050T shafts
	674420	7.17/9.97	16 Ang	210387	674630 + shafts	126000/36 Inv	Use 19050T shafts
	675447	4.56/6.34	16 Str	210388	674406 + shafts	126000/36 Inv	Use 19050T shafts
	674597	6.14/8.38	16 Str	37072	674930 + shafts	110525/39 Inv	Use 341 shafts
19060T/RT341	674598	6.57/8.96	16 Str	37072	675234 + shafts	110525/39 Inv	Use 341 shafts
	674599	7.17/9.77	16 Str	37072	674787 + shafts	110525/39 Inv	Use 341 shafts
	674855	3.70/5.05	16 Str	37072	675275 + shafts	110525/39 Inv	Use 341 shafts
	674904	5.57/7.60	16 Str	37072	674905 + shafts	110525/39 Inv	Use 341 shafts
	674918	4.88/6.65	16 Str	37072	674920 + shafts	110525/39 Inv	Use 341 shafts
	674958	5.29/7.21	16 Str	37072	675300 + shafts	110525/39 Inv	Use 341 shafts
	675373	4.11/5.61	16 Str	37072	675459 + shafts	110525/39 Inv	Use 341 shafts
	675511	4.56/6.21	16 Str	37072	675374 + shafts	110525/39 Inv	Use 341 shafts

Hybrid Carriers

Model	Part Number	Ratio	Hybrid Side Gear Spline	Hybrid Side Gear Part Number	Replaced By	Side Gear/Spline Count	Axle Shaft Model Notes
21065T	675388	5.57/7.60	16 Str	37069	674700 + shafts	110527/41 Inv	Use 402 shafts
	675435	6.50/8.86	16 Str	37069	675460 + shafts	110527/41 Inv	Use 402 shafts
DP402	674938	5.05	16 Str	37069	675548 + shafts	110527/41 Inv	Use 402 shafts
	675507	5.91	16 Str	37069	675291 + shafts	110527/41 Inv	Use 402 shafts
	675508	8.38	16 Str	37069	NLA - Call for Quote	110527/41 Inv	Use 402 shafts
	675568	9.77	16 Str	37069	NLA - Call for Quote	110527/41 Inv	Use 402 shafts
	675390	8.96	16 Str	37069	NLA - Call for Quote	110527/41 Inv	Use 402 shafts
	675397	6.65	16 Str	37069	NLA - Call for Quote	110527/41 Inv	Use 402 shafts
	674512	5.29	16 Str	37072	NLA - Call for Quote	110525/39 Inv	Use 341 shafts
DS341	674945	4.11	16 Str	37072	675276 + shafts	110525/39 Inv	Use 341 shafts
	674957	6.14	16 Str	37072	675875 + shafts	110525/39 Inv	Use 341 shafts
	674974	5.57	16 Str	37072	NLA - Call for Quote	110525/39 Inv	Use 341 shafts
	675562	3.7	16 Str	37072	675615 + shafts	110525/39 Inv	Use 341 shafts
	675739	4.56	16 Str	37072	675245 + shafts	110525/39 Inv	Use 341 shafts
	675880	6.57	16 Str	37072	NLA - Call for Quote	110525/39 Inv	Use 341 shafts
	675947	4.33	16 Str	37072	674931 + shafts	110525/39 Inv	Use 341 shafts
	675382	4.88	16 Str	37072	NLA - Call for Quote	110525/39 Inv	Use 341 shafts
	674448	3.7	16 Str	37069	674458+ shafts	110527/41 Inv	Use 402 shafts
DS402	674449	4.11	16 Str	37069	674460 + shafts	110527/41 Inv	Use 402 shafts
	674450	4.33	16 Str	37069	674461 + shafts	110527/41 Inv	Use 402 shafts
	674550	3.36	16 Str	37069	674456 + shafts	110527/41 Inv	Use 402 shafts
	674551	3.55	16 Str	37069	674457 + shafts	110527/41 Inv	Use 402 shafts
	674552	3.9	16 Str	37069	674459 + shafts	110527/41 Inv	Use 402 shafts
	674576	5.29	16 Str	37069	674689 + shafts	110527/41 Inv	Use 402 shafts
	674797	4.88	16 Str	37069	674688 + shafts	110527/41 Inv	Use 402 shafts
	674806	5.57	16 Str	37069	674690 + shafts	110527/41 Inv	Use 402 shafts
	674807	6.14	16 Str	37069	674691 + shafts	110527/41 Inv	Use 402 shafts
	674808	6.57	16 Str	37069	674778 + shafts	110527/41 Inv	Use 402 shafts
	674809	7.17	16 Str	37069	674821 + shafts	110527/41 Inv	Use 402 shafts
	674810	4.56	16 Str	37069	674633 + shafts	110527/41 Inv	Use 402 shafts
	675539	5.29	16 Str	37069	674689 + 96916 RA L/O+ shafts	110527/41 Inv	Use 402 shafts
DS402P	674853	4.11	16 Str	37069	674466+ shafts	110527/41 Inv	Use 402 shafts
	674927	5.57	16 Str	37069	674824+ shafts	110527/41 Inv	Use 402 shafts
	675239	3.7	16 Str	37069	674464+ shafts	110527/41 Inv	Use 402 shafts
	675438	6.14	16 Str	37069	674825+ shafts	110527/41 Inv	Use 402 shafts
	675878	3.9	16 Str	37069	674465+ shafts	110527/41 Inv	Use 402 shafts
DT341	674594	6.14/8.55	16 Str	37072	NLA - Call for Quote	110525/39 Inv	Use 341 shafts
	674595	6.57/8.96	16 Str	37072	NLA - Call for Quote	110525/39 Inv	Use 341 shafts
	674596	7.17/9.77	16 Str	37072	NLA - Call for Quote	110525/39 Inv	Use 341 shafts
	675487	4.33/5.91	16 Str	37072	675298+ shafts	110525/39 Inv	Use 341 shafts
	675546	5.57/7.60	16 Str	37072	675519+ shafts	110525/39 Inv	Use 341 shafts
	675558	3.70/5.04	16 Str	37072	675520+ shafts	110525/39 Inv	Use 341 shafts

Hybrid Carriers

Model	Part Number	Ratio	Hybrid Side Gear Spline	Hybrid Side Gear Part Number	Replaced By	Side Gear/Spline Count	Axle Shaft Model Notes
DT402	674454	4.56/6.21	16 Str	37069	674557+ shafts	110527/41 Inv	Use 402 shafts
	674506	4.11/5.61	16 Str	37069	674555+ shafts	110527/41 Inv	Use 402 shafts
	674507	4.33/5.19	16 Str	37069	674556+ shafts	110527/41 Inv	Use 402 shafts
	674562	4.88/6.65	16 Str	37069	674564+ shafts	110527/41 Inv	Use 402 shafts
	674588	6.14/8.38	16 Str	37069	675609+ shafts	110527/41 Inv	Use 402 shafts
	674589	6.57/8.96	16 Str	37069	NLA - Call for Quote	110527/41 Inv	Use 402 shafts
	674590	7.17/9.77	16 Str	37069	675553+ shafts	110527/41 Inv	Use 402 shafts
	674607	3.70/5.05	16 Str	37069	674852+ shafts	110527/41 Inv	Use 402 shafts
	674859	5.29/7.21	16 Str	37069	674702+ shafts	110527/41 Inv	Use 402 shafts
	674956	5.57/7.60	16 Str	37069	674857+ shafts	110527/41 Inv	Use 402 shafts
	675272	3.90/5.31	16 Str	37069	674554+ shafts	110527/41 Inv	Use 402 shafts
RP402	675247	5.91	16 Str	37069	675321+ shafts	110527/41 Inv	Use 402 shafts
	675267	5.05	16 Str	37069	674939+ shafts	110527/41 Inv	Use 402 shafts
	675383	7.6	16 Str	37069	NLA - Call for Quote	110527/41 Inv	Use 402 shafts
	675443	6.65	16 Str	37069	NLA - Call for Quote	110527/41 Inv	Use 402 shafts
	675567	8.38	16 Str	37069	675372+ shafts	110527/41 Inv	Use 402 shafts
RS341	674513	5.29	16 Str	37072	675537+ shafts	110525/39 Inv	Use 341 shafts
	674901	5.57	16 Str	37072	675355+ shafts	110525/39 Inv	Use 341 shafts
	674911	6.14	16 Str	37072	674947+ shafts	110525/39 Inv	Use 341 shafts
	674934	6.57	16 Str	37072	NLA - Call for Quote	110525/39 Inv	Use 341 shafts
	674946	4.11	16 Str	37072	675277+ shafts	110525/39 Inv	Use 341 shafts
	674980	4.88	16 Str	37072	675472+ shafts	110525/39 Inv	Use 341 shafts
	675353	7.17	16 Str	37072	675547+ shafts	110525/39 Inv	Use 341 shafts
RS402	674451	3.7	16 Str	37069	674470+ shafts	110527/41 Inv	Use 402 shafts
	674452	4.11	16 Str	37069	674472+ shafts	110527/41 Inv	Use 402 shafts
	674453	4.33	16 Str	37069	674473+ shafts	110527/41 Inv	Use 402 shafts
	674553	3.9	16 Str	37069	674471+ shafts	110527/41 Inv	Use 402 shafts
	674572	3.36	16 Str	37069	674468+ shafts	110527/41 Inv	Use 402 shafts
	674573	3.55	16 Str	37069	674469+ shafts	110527/41 Inv	Use 402 shafts
	674577	5.29	16 Str	37069	674694+ shafts	110527/41 Inv	Use 402 shafts
	674798	4.88	16 Str	37069	674693+ shafts	110527/41 Inv	Use 402 shafts
	674811	4.56	16 Str	37069	674634+ shafts	110527/41 Inv	Use 402 shafts
	674812	5.57	16 Str	37069	674695+ shafts	110527/41 Inv	Use 402 shafts
	674813	6.14	16 Str	37069	674696+ shafts	110527/41 Inv	Use 402 shafts
	674814	6.57	16 Str	37069	674697+ shafts	110527/41 Inv	Use 402 shafts
	674815	7.17	16 Str	37069	674822+ shafts	110527/41 Inv	Use 402 shafts

Hybrid Carriers

Model	Part Number	Rato	Hybrid Side Gear Spline	Hybrid Side Gear Part Number	Replaced By	Side Gear/ Spline Count	Axle Shaft Model Notes
RT402	674455	4.56/6.21	16 Str	37069	674561+ shafts	110527/41 Inv	Use 402 shafts
	674508	4.11/5.61	16 Str	37069	674559+ shafts	110527/41 Inv	Use 402 shafts
	674509	4.33/5.19	16 Str	37069	674560+ shafts	110527/41 Inv	Use 402 shafts
	674563	4.88/6.65	16 Str	37069	674565+ shafts	110527/41 Inv	Use 402 shafts
	674591	6.14/8.38	16 Str	37069	674701+ shafts	110527/41 Inv	Use 402 shafts
	674592	6.57/8.96	16 Str	37069	675460+ shafts	110527/41 Inv	Use 402 shafts
	674593	7.17/9.77	16 Str	37069	675461+ shafts	110527/41 Inv	Use 402 shafts
	674608	3.70/5.05	16 Str	37069	674698+ shafts	110527/41 Inv	Use 402 shafts
	674906	5.57/7.60	16 Str	37069	674700+ shafts	110527/41 Inv	Use 402 shafts
	674955	5.29/7.21	16 Str	37069	674699+ shafts	110527/41 Inv	Use 402 shafts

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