



Powering Business Worldwide



NoSPIN[™] Heavy Duty Application List

July 2010
(January 2004)

Axle Description	Carrier	Axle Shaft Dia. (2)	# Splines	NoSpin Model Number (1)	Axle Description	Carrier	Axle Shaft Dia. (2)	# Splines	NoSpin Model Number (1)
DANA					Planetary Axles				
Single Rear Axles									
70HD, 70-2U					19060P		2.00"	39	276S-63
4.10 & down gear ratios		1.50"	35	(3) 225SL-58B	21065P, 22065P		2.10"	41	306S-109
4.56 & up gear ratios				(3) 225SL-58A	23080P, 26080P,		2.31"	36	350S-88
80		1.62"	37	225SL-105A	30055P, 35055P				
		1.50"	35	225SL-131A	PR/PS-1200		1.64"	10	250S-34
D135-S		1.55"	36	250S-99			1.64"	32	250S-12
F155-S		1.55"	36	250S-98	PR/PS-1300, 1350, 33R/S40		1.85"	36	250S-99
F170-S		1.55"	36	250S-98	PR-1800		1.75"	19	250S-20
G155-T		1.55"	36	275S-26	PR/PS-7028		1.50"	35	225S-18
G175-S, T, D		1.55"	36	275S-26					
G185-S, D, G190-S		2.00"	39	275S-32	171, 19R		1.16"	13	187S-83
J175-S		1.85"	36	306S-99	172, 22R		1.38"	8	187S-70
J190-S, J210-S, J380-S		2.00"	39	306S-98	<i>See notes on last page.</i>				
J220-S		2.10"	41	306S-100	12D/Sxxxx, 31R38 1230		1.67"	39	225S-102
M185-S, M190-S, T, D		2.00"	39	306S-101	14Txxx 1391		2.00"	39	250S-167
M210-T		2.00"	39	306S-101	14F/D/S/Txxxx, 35R68 1390		2.00"	39	250S-67
M220-S, T, D, M230-T		2.10"	41	306S-117	15Dxxxx 1530		2.00"	39	275S-22
N175-S		1.85"	36	306S-99					
N190-S, N210-S		2.00"	39	306S-98	16D/F/S/Txxxx 1640		2.10"	42	306S-166
S135-S/150-S, 4.63-5.38 gear ratios		1.85"	36	250S-166	42R/F/S/Txxx		2.31"	27	(7) 306S-46
NS/230-S/NS		2.35"	46	350S-106	19D/Txxxx 1850		2.65"	52	350S-21
W230-S		2.35"	46	350S-73	48R/Txxx		2.50"	49	350S-44
15131		1.75"	34	250S-100			2.70"	26	350S-46
16131		1.85"	36	250S-109			2.52"	24	350S-10
17060 S/A, 19060 S/A/T		2.00"	39	275S-63	21Dxxx, 53Rxxx 2050 Conv. Dif.		2.65"	52	450S-133
17131/431		2.00"	39	306S-108	L.S. dif.		2.65"	52	450S-126
21060 S/A, 22060 S/A		2.10"	41	275S-66	PR 1300, 33R40,		1.85"	36	250S-99
21065T, 22065T		2.10"	41	306S-109	PS 1350, 33S40				
21080 S, 22080 S, 23080 S		2.31"	36	350S-86	PR/S-1200		1.64"	10	250S-34
21090 S/A, 23090 S/A		2.31"	36	350S-86	PR-1800		1.75"	19	250S-20
21131/431, 22131/431		2.10"	41	306S-109	PR/S-7028		1.50"	35	225S-18
23080T, 26080T		2.31"	36	350S-88	<i>Service Only</i>				
23105 S/A		2.31"	36	350S-50	D/DS-12/17xxx 1390		2.00"	39	250S-67
23131/431		2.31"	36	306S-110			1.93"	16	250S-14
S-260-SB		2.31"	36	306S-110	D/DS-18/19xxx 1530		2.00"	39	275S-22
26090 S/A		2.31"	36	306S-110			2.06"	24	275S-17
26105 S/A		2.31"	39	350S-40	D/DS-22/23xxx 1640		2.35"	46	306S-73
26131/431		2.31"	36	306S-110	BD-71/91/101xxx		2.31"	27	(7) 306S-46
30105S		2.50"	39	350S-40	D/DS-13xxx 1230		1.67"	39	225S-48
30131/431		2.31"	36	350S-88	D/DS-26/37xxx 1850		2.70"	26	350S-46
							2.52"	24	350S-10
					D/DS-34/75xxx 2050		2.70"	26	450S-125
					Conv. dif.		2.65"	52	450S-133
					L.S. dif.		2.65"	52	450S-126
					D/DS-64/85xxx2500		3.20"	63	550S-34
					D60/65/66,31R/27R		1.59"	10	250S-86
					D80/85		1.93"	16	250S-79
					D90, 39R		2.08"	24	306S-72
					D100		2.22"	26	350S-43
Tandem Axles									
S135, S150, 4.63-5.38 gear ratios		1.85"	36	250S-166					
S230		2.35"	46	350S-106					
G340-S, J340-S, N340-S		2.00"	39	306S-98					
G380-S, J380-S, G400-S,		2.10"	41	306S-100					
J400-S, N-400-S, S400-S									
W440/460-S, (M460-S),									
W230-S/TR-4670		2.35"	46	350S-73					
DS/A 344		2.00"	39	275S-63					
DS 400, DT 401, 451		2.13"	33	306S-56					
D/T 403, DS/A 404, 405, DSS 40		2.10"	41	275S-66					
DP/T 402, 4026, 451		2.10"	41	306S-109					
DS/A 454		2.10"	41	275S-66					
DT460		2.31"	36	306S-110					
		2.30"	22	306S-39					
DS 461 462, 463, 521, 581		2.31"	36	350S-47					
DP/T 461, 463, 521,									
580, 601, 650, 651		2.31"	36	350S-88					

Axle Description	Carrier	Axle Shaft Dia. (2)	# Splines	NoSpin Model Number (1)	Axle Description	Carrier	Axle Shaft Dia. (2)	# Splines	NoSpin Model Number (1)
DEERE					Tandem Axles				
Series 1	444/A/B/C/D, 544A, 644A	2.06"	18	306S-60	34 RT		2.00"	39	306S-108
Series 2	544/B/C/D, 740, 762	2.08"	32	306S-61			2.00"	16	306S-21
Series 3	644/B/C/D, 646 C	2.30"	22	306S-62	34 DS/T, DP/S/T, 340, 341, 346,		2.00"	39	306S-108
1100/1200		1.50"	23	225S-80	DS/T/P 3416		2.00"	16	306S-21
1200	544E Front	2.06"	18	306S-167	DS/C/T/P-341		2.00"	39	306S-108
1400	624/644E Front	2.33"	22	306S-149	DS/A-344		2.00"	39	275S-63
1600	744E Front	2.33"	22	306S-173	38 DP/S/T, DP/S/T, 380, 381, 4026, 381, 386		2.10"	41	306S-109
EATON					DS/C/T/P 402, DS/T/P 4036		2.10"	41	306S-109
Single Rear Axles					DS/P/T 400, 401, 406		2.13"	33	306S-56
13101, 13107, 13802, 15040S/T/P		1.75"	34	250S-100	42 DP		2.12"	16	306S-23
15101, 15107, 15201		1.87"	16	250S-37	44 DT/P 440, 446		2.31"	36	306S-110
15301		1.75"	19	250S-20			2.30"	22	306S-39
16120, 16121, 16221, 16244		1.85"	36	250S-109	DS 404/454		2.10"	41	275S-66
16344		1.88"	16	250S-44	DS/C/T/P 451		2.10"	41	306S-109
		1.88"	16	250S-45			2.13"	33	306S-56
(a) tapered spline (b) parallel spline					DS/T/P 460, 466		2.31"	36	306S-110
16247		1.80"	30	250S-39	DS/C 461, DS 4616		2.31"	36	350S-47
17060, 19060		2.00"	39	275S-63	DT/P 461, 4616		2.31"	36	350S-88
17101, 17121, 17201, 17221,		2.00"	39	306S-108	DS-466		2.31"	36	306S-110
17301, 17321, 17401*, 17421*		1.98"	16	306S-21	DS-480, 486		2.31"	36	350S-47
17201 (Mack)		2.12"	33	306S-56			2.30"	22	350S-39
18101, 18121, 18201, 18221,		2.10"	41	306S-109	DT/P 480		2.31"	36	306S-110
18301		2.12"	16	306S-23			2.30"	22	306S-39
18127 (Mack)		2.12"	33	306S-53	DT/P 485		2.31"	36	(6) 350S-71
185 S4/P4, 190 S4/T4/P4		2.00"	39	306S-108	50 DP		2.13"	33	306S-56
19050 S/T/P		1.85"	36	275S-51	DS 520		2.50"	39	350S-40
19055 S/T/P		2.00"	39	306S-108	DT/P 520		2.50"	39	See Note (4)
19060S		2.00"	39	275S-63	DS/C 521, DS 5216		2.31"	36	350S-47
19101, 19121, 19201		2.31"	36	306S-110	DT/P 521, 5216		2.31"	36	350S-88
		2.30"	22	306S-39	DP 580, 586		2.50"	39	See Note (4)
		2.10"	41	275S-66	DS/C 581		2.31"	36	350S-47
21060 S/D/A		2.10"	41	275S-66	DP 581, 601, 651, 652		2.31"	36	350S-88
21065 S/D/T/P, 21121, 21221, 21321		2.10"	41	306S-109	DP 650, 656 2.50" 39				See Note (4)
21080 S		2.31"	36	350S-86	Planetary Axles				
22060 S		2.10"	41	275S-66	WR 3, 5	13100	1.75"	34	250S-100
22065 T		2.10"	41	306S-109	WR 7	16100	Front 1.85" Rear 2.10"	36 41	250S-109 306S-109
220 S4/P4, 22065 S/D/T/P,		2.10"	41	306S-109	WR 10	DS402 Front 21065 Rear	2.10"	41	306S-109 306S-109
22080 S		2.31"	36	350S-86	WR 12	23070	2.12"	33	306S-56
22121, 22221, 22321		2.12"	16	306S-23	WR 31	13000	1.87"	16	250S-37
23070 S/D		2.31"	36	350S-86	WR 51	15000	1.75" 1.87"	19 16	250S-20 250S-37
23070 T/P		2.12"	33	306S-56	WR 61	17000	1.87"	16	306S-119
23080 S		2.31"	36	350S-86	WR 81	18000	2.12"	16	306S-23
23080 T		2.31"	36	350S-88	CHEVROLET/GMC				
23085 S/D		2.31"	36	350S-86	Single Rear Axles				
23070S, 23085 T/P		2.31"	36	350S-88	C100	Rockwell	1.62"	32	225S-52
23105 S/D		2.50"	39	350S-40			1.62"	16	225S-15
(1996 & newer)		2.31"	36	350S-50	H110	12-1/4" dia. r.g.	1.75"	27	250S-27
230 S4, 23121, 23421		2.31"	36	350S-47	H135	13-7/32" dia. r.g.	1.87"	29	250S-46
		2.30"	22	350S-39	H150		1.87"	29	250S-46
230 P4/T4, 23221, 23321		2.31"	36	306S-110	H170		1.87"	29	250S-46
		2.30"	22	306S-39	H175		2.00"	39	306S-79
E2300 S		2.50"	39	350S-40	T150		1.87"	29	275S-12
25100		2.50"	39	350S-40	T170		1.87"	29	275S-12
		2.31"	36	350S-47	T175	Eaton 16244	1.85"	36	250S-109
		2.30"	22	350S-19	T185		1.87"	29	275S-12
26080 T		2.31"	36	350S-88	See notes on last page.				
260 S4, 26121		2.30"	36	350S-47					
		2.30"	22	350S-39					
260 P4, 26085, 26221, 26321		2.31"	36	306S-110					
		2.30"	22	306S-39					
26105 S/C		2.50"	39	350S-40					
260 S4, 26121		2.31"	36	350S-47					
		2.30"	22	350S-39					
30055-P		2.31"	36	350S-88					
30105 S/C, 30127		2.50"	39	350S-40					
30227, 30327		2.5	39	See Note (4)					
35055-P		2.31"	36	350S-88					
35327		2.50"	39	See Note (4)					

*Requires case change: Use conventional differential case assembly.

Axle Description	Carrier	Axle Shaft Dia. (2)	# Splines	NoSpin Model Number (1)	Axle Description	Carrier	Axle Shaft Dia. (2)	# Splines	NoSpin Model Number (1)
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INTERNATIONAL Single Rear Axles

14Axx				
CA CD DC DD DG		2.00"	39	306S-98
DH DK DW DY NA	I-N190,210			
CE CG DB DL				
DM DV DX GD	I-N175	1.85"	36	306S-99
CB CC DN DP	D-S100,122	1.85"	36	250SL-166
	135,150			
CH DZ	D-W230	2.35"	46	350S-73
CJ EB EJ GH GL GS	D-23090	2.31"	36	350S-86
DA DE DJ	D-F155	1.85"	36	250S-98
DR	I-S230	2.35"	46	350S-106
DT	D-N220	2.10"	41	306S-100
DW DY	D-J210, I-N190	1.86"	36	306S-98
EE GB	E-22065,23080	2.10"	41	306S-109
EG	E-26105	2.31"	36	306S-110
EH	E-19055	2.00"	39	306S-108
EP GK	E-30105	2.50"	39	350S-40
ET EY GG GP	D-21060,22060	2.10"	41	275S-66
GA GE GM GN GT	D-19060	2.01"	39	275S-63
	17060			
RA RG SR SU	R-R S21145	2.10"	41	275S-43
RH SZ TB	R-RS18145,19145	2.00"	39	275S-44
RB RC RD RE				
RK RR RS RV	R-RS23160	2.35"	46	350S-81
	23161, 21162			
SE SG SH SK				
SM SN SP SX SY				
14Cxx				
DA	D-G155	1.85"	36	250S-98
DB DC	D-M230	2.10"	41	306S-117
DD	D-G175	1.85"	36	275S-26
DE DG EH EJ				
EK EL ES ET EU	26080	2.10"	41	306S-109
	23080			
EA	E-23070	2.31"	36	350S-86
EB	E-26085	2.31"	36	306S-110
EG EP EV	D-19055	2.00"	39	306S-108
EM EN ER	R-RS23240	2.10"	41	306S-124
VA	R-RS19224/220	1.85"	36	275S-37
VB	R-RS21230	2.00"	39	306S-127
14Exx				
EB	E-26085	2.31"	36	306S-110
RA RB	R-RS26/30380	2.35"	46	350S-93
RC	R-RS38380	2.55"	50	350S-79
140xx, 14xxx				
29 39	D-F155/170	1.85"	36	250S-98
30	D-D135	1.85"	36	250S-99
32	D-G190	2.00"	39	275S-32
33 132	D-M220/230	2.10"	41	306S-117
36 44	D-J210/190	2.00"	39	306S-98
42	D-J175	1.85"	36	306S-99
47	D-J220	2.05"	41	306S-100
51 52	R-RS23160	2.35"	46	350S-81
57	D-W230	2.35"	46	350S-73
72 73 92	R-RS170	2.35"	46	350S-57
77 91	E-23121/26121	2.31"	36	350S-47
97	231055SL	2.50"	39	350S-40
87 186	E17101/202	2.00"	39	306S-108
88 193 194				
197 282 293	E-19/23/26 xxx	2.31"	36	306S-110
118 119 192 292E-17/18/22 xxx		2.10"	41	306S-109
130	D-G175	1.85"	36	275S-26
131 133	D-M190/210	2.00"	39	306S-101
168 178 277	R-RS R/U xxx	2.38"	24	350S-13
187	E-15201	1.75"	34	250S-100
199	E-16244	1.85"	36	250S-109
298	E-35327	2.50"	39	306S-96

D=Dana/Spicer E=Eaton I=Int'l. R=Rockwell/Meritor

Tandem Axles

14Gxx				
DA	I-N340	2.00"	39	306S-98
DC DE DG	DKI-N400, D-S400	2.10"	41	306S-100
DL DM EL EN	D-DP/S402/7, DST41	2.10"	41	306S-109
JD/E rear				
EB EH GE GP	D-DC/S461/2/3/521/540	2.31"	36	350S-47
GT GW GZ HZ				
EC ED EW	D-DT 461/3/521, Dp463	2.31"	36	350S-88
EY GU GV				
EE	E-DS 466	2.31"	36	350S-110
EP ER ES ET EX GG	D-DS404/5/54	2.10"	41	275S-66
GJ GL HA HC	DSH 44, DST 41			
JC JD/E front				
HD	D-DS344	2.00"	39	275S-63
RA RX	R-RT34140/145	2.00"	39	275S-44
RB RC RU RW RY SB	R-RT40140/5	2.10"	41	275S-43
SG SX TK TL UD UN UP	44145, 34144			
RD RE/RG/RH rear RP	R-RT23/48/52/	2.35"	46	350S-81
RR SC SD SE SU TA	58180, 46/52160			
TG TM TN UE UM				
RE/RG/RH front	R-RT48/52/58180,	2.35"	46	350S-93
RJ RL RV ST	52/58380			
RK RM	R-RT70380	2.55"	50	350S-79
SY TV	R-RQ100, RC17350	2.10"	41	306S-15
TE TY TZ	R-RS23/46157/8, 44158	2.35"	46	350S-57
UG UH UJ				
UB	R-RS23240	2.10"	41	306S-124
VA	D-BD71000	2.36"	27	306S-46

14Hxx				
RA RB RC RD	R-RT 46160/4	2.35"	46	350S-81
RE RH RJ RL RM				
RN RP	R-RT40145	2.10"	41	275S-43

14xxx				
307, 467	E-DS 480, 44DS	2.31"	36	350S-47
308, 309,	E-DS/DT 402, D 301	2.10"	41	306S-109
494, 496, 497				
328	R-SLHD	2.00"	21	306S-11
333, 334	R-SQHD	2.13"	22	306S-12
337, 369, 431	R-SU270/DD, R170	2.35"	46	350S-57
341	D-FIXX	1.85"	36	250S-98
342	E-DT401	2.13"	33	306S-56
343, 353, 354,				
377, 469	E-DP/S/T460, 44DP	2.31"	36	306S-110
345, 350, 357, 434	R-SQ100, SQHP	2.10"	41	306S-15
351, 475, 476	D-G/J340/380	2.00"	39	306S-98
355, 472*	D-G380, J400	2.10"	41	306S-100
364, 365, 389, 399,	R-SUD/DD	2.35"	46	350S-57
431, 459	SS/STHD, R170			
367, 368	R-STD/DD	2.35"	46	350S-55
372, 373, 382, 383	R-SFD/DD	2.55"	50	350S-79
437, 474*	D-W230/460	2.35"	46	350S-73
464, 502	E-DS401/451	2.13"	33	306S-56
472*	D-J400	2.13"	20	306S-19
474*	D-W460	2.30"	22	350S-72
486, 500	E-DP580/650	2.50"	39	306S-44
488, 493, 498	E=DS/T341	2.00"	39	306S-108

Planetary Axles

14Exx				
EC ED	E-3505SP	2.31"	36	350S-88
EH	E-26080P	2.10"	41	306S-109
RA RB	RS-26380,30380	2.35"	46	350S-93
RC	Rs38380	2.50"	50	350S-79

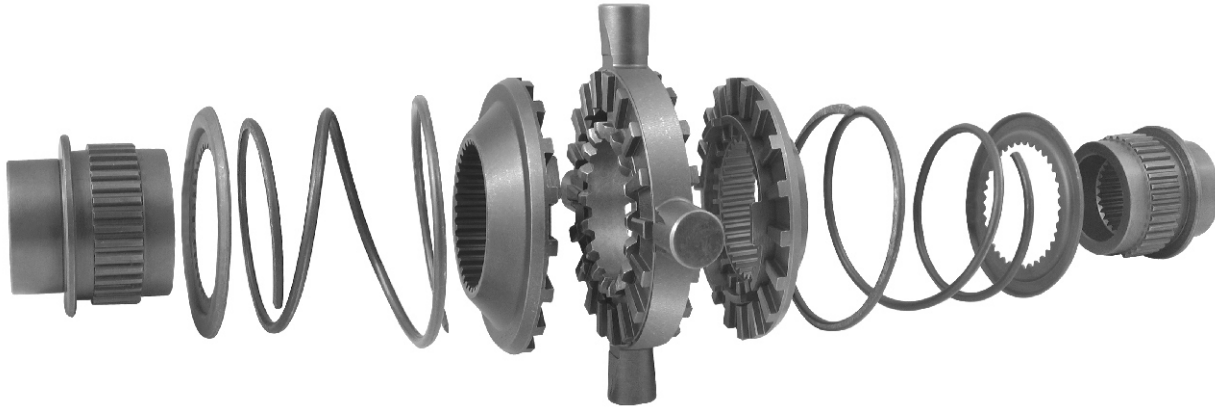
* Count splines to determine correct NoSPIN model. D=Dana/Spicer E=Eaton I=Int'l. R=Rockwell/Meritor See notes on last page.

Axle Description	Carrier	Axle Shaft Dia. (2) # Splines	NoSpin Model Number (1)	Axle Description	Carrier	Axle Shaft Dia. (2) # Splines	NoSpin Model Number (1)
MERITOR							
Single Rear Axles							
RS-13/15-120		1.75" 34	250S-134	RS-38-380		2.55" 50	350S-79
3.31-4.30 ratio				RS-410#		1.45" 29	225S-39A
4.56-7.17 ratio		1.95" 38	250S-128	S-162, 163		2.25" 23	350S-25
RS-15/17/19-220/224		1.85" 36	275S-37	S-164, 165		2.38" 24	350S-13
RS-17/19-144		2.10" 41	275S-43	S-170		2.35" 46	350S-57
RS-17/19-145		2.00" 39	275S-44			2.38" 24	350S-13
RS-19-220/224		1.85" 36	275S-37	SL-100		2.00" 39	306S-79
RS-21-145		2.10" 41	275S-43	SR-170		2.38" 24	350S-13
RS-21/23-160/160A/161/186		2.35" 46	350S-81	SW-170/180, 270/280		2.55" 50	350S-79
RS-21-230		2.00" 39	306S-127	U-170, 180, 240, 340		2.38" 24	350S-13
RS-23-240		2.10" 41	306S-124	U-270, 340		2.35" 46	350S-57
RS-23/26/30-380		2.35" 46	350S-93	W/WP/WR-170		2.55" 50	350S-79
RS-25/26-160/160A/185		2.35" 46	350S-81	W-180, 270, 280		2.55" 50	350S-63
RS-38-380		2.55" 50	350S-79	W-464		2.55" 50 (5)	350S-56
C-100, 102, 200		1.62" 32	225S-52	59732, 59733 (WT)		2.38" 16	350S-29
		1.62" 16	225S-15	59742, 59743 (WT)		2.38" 24	350S-13
D-100, 140		1.75" 34	250S-97	61142, 61143 (WT)		2.35" 46	350S-81
		1.75" 19	250S-13	*Di Rona Mexico #Brazil See notes on last page.			
		1.75" 16	250S-32	Tandem Axles			
F-106, 140, 146		1.75" 34	250S-97	RT-34/40-144/145/149		2.10" 41	275S-43
		1.75" 19	250S-13	RT-40/46/50-160/164/169,		2.25" 44	306S-136
FM-240		2.13" 22	306S-12	RT-40/44-145			
H-140, 145, 340		1.88" 20	275S-11	RT-48/50/52/58/70-185/380		2.35" 46	350S-93
H-140E		2.25" 44	306S-136	RZ-166		2.35" 46	350S-81
H-162		2.00" 21	306S-11	RZ-186 front		2.35" 46	350S-93
H-170, 171		1.85" 36	275S-10	rear		2.35" 46	350S-81
H-172, 173		2.00" 39	306S-79	RZ-188		2.35" 46	350S-93
L-145, 155		2.00" 21	306S-11	R-170/TKN 4670		2.35" 46	350S-57
L-164		1.88" 20	276S-11			2.38" 24	350S-13
L-172		2.00" 39	306S-79	RT 34-140, 145		2.00" 39	275S-44
L-245, 345		2.00" 21	306S-25				
L-362		2.00" 21	306S-25	RT 46/48/52-160		2.55" 50	350S-76
M-172		2.00" 39	306S-79			2.35" 46	350S-81
M/FM-240		2.12" 16	306S-36	RT 48/52/58-180 front		2.35" 46	350S-93
M/MD-240		2.13" 22	306S-12	rear		2.35" 46	350S-81
P-140E		2.25" 44	306S-136	RT 48/52/58-380		2.35" 46	350S-93
P-174		2.10" 41	306S-15	RT 70-180		2.55" 50	350S-76
Q-100		2.10" 41	306S-15	RT 70-380		2.55" 50	350S-79
Q-145		2.13" 22	306S-31	SDH/SDHD		1.75" 16	250S-32
Q-345		2.13" 22	306S-38	SFD (C-240)		1.62" 16	225S-15
R-140		2.25" 23	350S-25	SFD (M-240)		2.12" 16	306S-36
R-140E		2.25" 44	306S-136	SFD/SFDD 4640, 47		2.55" 50 (5)	350S-56
R-140, 155*, 200, 221,						2.50" 16 (5)	350S-52
255*, 270, 300, 355		2.38" 24	350S-13	SFH/SFHD		1.75" 34	250S-97
R-355/356		2.35" 46	350S-57			1.75" 19	250S-13
R-170		2.38" 16	350S-29	SHD, SHR		2.38" 24	350S-13
		2.38" 24	350S-13	SHHD/SJHD		1.87" 20	275S-11
RL-170		2.35" 46	350S-57	SLD/SLDD		2.00" 21	306S-11
		2.38" 24	350S-13			2.00" 16	306S-22
RS-13-120, 15-120/125		1.75" 34	250S-134	SL 100		2.00" 39	306S-79
4.56-7.17 ratio		1.95" 38	250S-128	SLHD		2.00" 21	306S-11
RS-15-210		1.75" 34	250S-139	SLHR/T-3000		2.00" 21	306S-11
RS-17-140		2.00" 39	275S-44	SQHD		2.13" 22	306S-12
		1.85" 36	275S-46			2.00" 21	306S-25
RS-17-144, 145		2.00" 39	275S-44	SQHP, SQ 100		2.10" 41	306S-15
RS-17-220		1.85" 36	275S-37	SQR 100		2.10" 41	306S-15
RS-18-140, 145		2.00" 39	275S-44	SR 170, 270, 280		2.35" 46	350S-57
		1.85" 36	275S-46			2.38" 24	350S-13
RS-19-145		2.00" 39	275S-44	SRD/SRDD		2.35" 46	306S-84
RS-19-220		1.85" 36	275S-37			2.25" 23	306S-35
RS-20-145		2.25" 44	306S-136	SRHD		2.25" 23	306S-35
		2.10" 41	275S-43	SSHD		2.35" 46	350S-57
RS-20-230		2.00" 39	306S-127			2.38" 24	350S-13
RS-21-145		2.10" 41	275S-43			2.25" 23	350S-25
RS-21-230		2.00" 39	306S-127	ST 170		2.38" 24	350S-13
RS-23-160, 180		2.35" 46	350S-81	STD,STDD,STD-DD		2.35" 46	350S-55
		2.55" 50	350S-76			2.38" 24	350S-36
RS-23-240		2.10" 41	306S-124	STHD		2.38" 46	350S-57
RS-23-380		2.35" 46	350S-93			2.38" 24	350S-13
RS-25/26-160, 180		2.35" 46	350S-81	SU 170, SUD/SUDD, SUHD		2.35" 46	350S-57
RS-26-380		2.35" 46	350S-93			2.38" 24	350S-13
RS-30-180		2.35" 46	350S-81	SU 270, 280		2.35" 46	350S-57
RS-30-380		2.35" 46	350S-93			2.38" 24	350S-13
				SW 170, 180, 270, 280		2.55" 50	350S-79
				FLDD, LDD-240		2.13" 22	306S-12

Axle Description	Carrier	Axle Shaft Dia. (2) # Splines	NoSpin Model Number (1)	Axle Description	Carrier	Axle Shaft Dia. (2) # Splines	NoSpin Model Number (1)
LDF		2.00" 21	306S-25	Planetary Axles			
LDH/R		2.00" 21	306S-11	150#, 154#, 158#, 202, 235#, 483, 655, 673#, 695#, 825#, 864, 1104	L-172	2.13" 22	306S-12
QHD/R		2.00" 21	306S-25	577#, 615, 673#, 695#, 803, 855	L-172	2.00" 21	306S-11
RDD/F/R		2.35" 46	306S-84	362	L-172	2.00" 39	306S-79
SHD/R		2.38 24	350S-13	673	L-345	2.00" 21	306S-11
		2.35" 46	350S-57	150, 158#, 202, 235#, 413		2.00" 21	306S-25
TDD/F/R		2.35" 46	350S-55	5054, 7314#, 10253	PR-700	2.75" 54	450S-146
UDD/F/R		2.38" 24	350S-13	7314#	PR-700	2.63" 26	450S-129
		2.35" 46	350S-57	1756#	Q-100	2.25" 23	306S-35
Planetary Axles				208, 209, 210	Q-100/145	2.13" 22	306S-31
SINGLE – PR				250, 251, 266			
204/5, 265	D/F-140	1.75" 19	250S-13	676, 804, 826, 1044, 1314, 1355, 1614#			
184, 824	H-172	1.88" 20	306S-42	1614#	Q-100	2.10" 41	306S-92
673	L-172	2.13" 22	306S-12	827, 1044, 1105, 1284, 1357, 1617, 1736, 1794#	Q-100	2.10" 41	306S-15
352/3, 382	PRA Series	1.60" 31	225S-122	207, 677, 827, 866, 867, 1315, 1485, 1615, 1725, 1757#	R-140/155	2.13" 22	350S-19
1736	QR-100	2.10" 41	306S-15	1757#, 1875, 1925, 1935, 3795, 3805, 4025, 4564, 4805	R-140/155	2.38" 24	350S-15
867	R-155	2.13" 22	350S-15	1045, 1737, 1757#	R-140/155	2.15" 23	350S-16
3805, 4805	R-155	2.38" 24	350S-15	258#, 305#, 312#, 1927#, 3796, 4264, 4565, 4807, 4874	R-170	2.38" 24	350S-15
594, 671	RS-120/125	1.75" 34	250S-134	4824, 5814, 5095	R-170/180	2.45" 48	350S-75
	RS-120/125	1.95" 38	250S-128	677	R-355	2.38" 24	350S-15
416, 425, 673	RS-145	2.00" 39	275S-44	205#, 265, 415, 454	RS-120/125	1.75" 34	250S-134
756, 775, 1314				594#, 671#			
727, 866, 1206, 1735, 1756, 1794	RS-145	2.10" 41	275S-43	755, 775	RS-125	1.95" 38	250S-128
5225, 7534	RS-186	2.55" 50	350S-76	416, 673#, 756#, 1314	RS-140/145	2.00" 39	275S-44
674	RS-220	1.85" 36	275S-44	673#, 727, 826, 866, 867, 1044, 1105, 1614, 1735#, 1756, 1794	RS-145	2.10" 41	275S-43
134	53500	1.75" 16	250S-23	756#	RT-146		
TANDEM-SP				1876, 1927#	RS-145	1.85" 36	275S-46
673	RT-145	2.00" 39	275S-44	1876, 1927#	RS-160	2.35" 46	350S-81
1927	RT-160	2.35" 46	350S-81	5225, 7534, 10253	RS-180/185/186	2.55" 50	350S-76
4808	RT-380	2.55" 50	350S-79	674	RS-220	1.85" 36	275S-37
1356, 1735	SQHP	2.10" 41	306S-15	230	RS-230	2.00" 39	306S-127
1927	SR-170	2.38" 24	350S-15	4808#	RN-380	2.38" 24	350S-15
STEER-PS					RP/RT-380	2.55" 50	350S-79
205, 594	F-140	1.75" 19	250S-13		RR-380	2.35" 46	350S-93
824/5	H-172	1.88" 20	306S-42		SR-170	2.38" 24	350S-15
824/5	L-172	2.13" 22	306S-12	258#, 305#, 311#, 1927#, 4806	SPR-570		
1614	Q-100	2.13" 22	306S-31	1356, 1357, 1616, 1735# 1736	SQHP,	2.10" 41	306S-15
		2.10" 41	306S-92	1926, 4026	SQ-100		
1044, 1617, 1794	QR-100	2.10" 41	306S-15		SSHD	2.38" 24	350S-13
1485, 1875, 4564	R-155	2.13" 22	350S-19		SSHP		
		2.38" 24	350S-15	5324	WR-170	2.55" 50	350S-79
205, 594	RS-120/125	1.75" 34	250S-134				
	RS-120/125	1.95" 38	250S-128				
826, 1044, 1614, 1794	RS-145	2.10" 41	275S-43				
1876	RS-160	2.35" 46	350S-81				
SVI 5000 series 717SV166		1.71" 33					
SINGLE PR, TANDEM SP, STEER PS							
134, 164, 267, 268 53500		1.75" 16	250S-23				
274	C-100	1.62" 16	225S-15				
203	C-102	1.65" 32	225N-52				
165, 166, 175, 176, 204, 205#, 264, 265, 353, 354, 515, 524 574, 593, 594#, 595, 671#, 723, 724, 823	D-140/142 F-140/145	1.75" 19	250S-13				
592, 596*, 614*, 672* 674, 824*, 863*, 1103*, 1374*	H-140/150/340	1.88" 20	275S-11				
184, 577#, 596*, 614*, 672*, 694#, 726, 824*, 825#, 834, 863*, 1103*, 1374*	H-172	1.88" 20	306S-42				
784, F106		1.77" 19	250S-13				
576, 595, 671#	HHD Front	1.88" 20	275S-11				
1743, 1753	H-172 Rear	1.88" 20	306S-42				

*May have either H-140 or H-172 carrier; check carrier to determine correct NoSPIN differential. #Produced with different axle shafts: count splines to determine correct NoSPIN differential.

NoSPIN[®]



NOTES

(1) 2xx, 3xx, and 4xx Models = NoSPIN / Detroit Locker brand automatic locking differential. The new "IMPROVED Detroit Locker", indicated by an "SL" in the model number (225SL-58B) provides smooth and quieter operation in the drive-coast mode. A dampening device has been inserted into the inboard end of each side gear.

A "letter" after the model indicates that a 2-piece support case assembly is supplied by Eaton with the differential. All other models (no letter) fit the 2-piece differential case supplied by the axle/vehicle maker. To install a NoSPIN differential model supplies without its own case in an axle which was originally supplied with Powr-Lok, Trac-Lok, Traction Equalizer or other locking or limited-slip differential, it will also be necessary to use the axle maker's conventional differential support case.

Bolts, bearings, shims and gaskets are not supplied by Eaton.

- (2) The axle shaft diameter is the "major diameter" measured over the splines at the outer end of the shaft.
- (3) Use 225S-18 assembly if two-piece case, use 225S-58A, B, C, D assembly if a one-piece case.
- (4) Model 350S-85 required for conventional differential case, while Model 350S-67 required with special 113304 and 113305 differential case.
- (5) If replacing conventional differential, modification of differential case is required. Call Eaton.
- (6) Requires Eaton 113304 and 113305 differential case.
- (7) A conventional 1640 differential case assembly, Clark part number 126952, must be used with 306S-46 differential assembly, as it cannot be retrofitted into the case assembly with needle bearings.

Several medium and heavy-duty axles were supplied with two or three axle shafts from time to time. This accounts for the listing of various NoSPIN differential models, with the latest listed first. Modification of our differentials of any kind may void your Limited warranty. Please refer to Eaton's Limited Warranty on the back of Owner's Manuals for complete guidelines. While this model list is believed to be accurate, we cannot guarantee there are no errors or omissions of the data. Customer is responsible to identify the correct Eaton differential for his particular application. NoSPIN, Detroit Locker, Truetrac and Suretrac are registered trademarks and Detroit LSD is a trademark of Eaton. Powr-Lok and Trac-Lok are trademarks of Dana Corporation. Traction Equalizer is a trademark of Meritor Automotive, Inc.

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