
Axle Installation/Wet Disk Brakes

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Item	Part No.	Qty	Description	Item	Part No.	Qty	Description		
596643 Axle W/Wet Disc Brakes									
1	*a	584897	2	. Wet Brake Assembly	9	15137W	44	. Hard Washer	
2	*a	249162	1	. Kit, Axle	10	*j	245854	44	. Capscrew
2.1	*m	216149	2	. . Internal Gear Hub	11	*d	219246	24	. Stud
2.2	*m	212114	2	. . Internal Gear	12		248620	24	. Hard Washer
2.3		Y17C-0624	6	. . Capscrew	13	*e	R13803607	24	. Locknut
2.4		200970	2	. . Thrust Washer	14		596646	2	. Plate, Ring
2.5		200968	2	. . O-Ring	15		596645	2	. Plate, Ring
2.13		200963	2	. . Sun Gear	16		257558	8	. Capscrew
2.14		201093	2	. . Snap Ring	17	*k	R13801782	8	. Capscrew
2.15		211821	2	. . O-Ring	18		245412	2	. Seal
2.16	*n	201231	2	. . Thrust Washer	19		113586W	2	. O-Ring
2.17		211820	2	. . Cover Assembly	20		593409	2	. Hub
2.18		211954	2	. . Plug	20.1		216147	1	. . Bearing Cup
2.19		221616W	18	. . Capscrew	20.2		201143	1	. . Bearing Cup
2.20		234271	18	. . Washer	21		578724	2	. Plate,Mounting
2.21		205722	2	. . Plug	22		593410	2	. Brake Driver Weldment
2.22		211960	36	. . Capscrew	24	*f	218760	56	. Capscrew
2.23		204882	36	. . Washer	25		R13801762	2	. Plug
2.24		230705	2	. . Nut	26		225851	32	. Hard Washer
2.25	*m	212121	12	. . Plate	27	*g	221719W	68	. Hex Nut
2.26	*m	232340	24	. . Capscrew	28		904415	1 Gal	. Gear Oil Additive
2.27		248619	2	. . Spindle	29		578723	2	. Plate, Guard
2.30		216146	2	. . Bearing Cone	30		200268	1	. Cap, Breather
2.35		201148	2	. . Bearing Cone	31		18522	1	. Fitting
2.40	*a	580700	1	. . Differential & Carrier Assy	32		216156	2	. Seal, Oil
2.41	*h	214145	18	. . Stud	34		R13811054	8	. Capscrew
2.42	*h	214146	4	. . Stud	35		R13811432	8	. Hard Washer
2.43		2303603W	22	. . Washer	36		R13813326	124	. Hard Washer
2.44		223615	22	. . Nut	38		318702W	1 Bottle	. Threadlock
2.46		217874	12	. . Dowel	46		578725	2	. Pad, Tap
2.48	*a	211953	2	. . Planet Carrier Assembly	47		R13811189	8	. Locknut
3		547338	2	. Axle Shaft	48		R13812213	32	. Flat Washer
4	*c	00223911	32	. Capscrew	49		244264	1 can	. Anti-Seize, Copper Grade
5	*b	244260	1 Tube	. Sealant, Anaerobic	50		576258	2	. Shim
6		578276	2	. Axle Housing	51		209918	2	. Fitting
8		222689	1 Bottle	. Loctite					

*a See Separate Coverage

*b Apply light coat to ID of pilot in locations shown.

*c Lube treads with Anti-Seize (item 49) and torque to 1200-1230 ft-lbs.

*d Apply loctite (item 8) to stud and torque to 200-230 ft-lbs.

*e Apply loctite (item 8) to nut and torque to 682-750 ft-lbs.

*f Apply loctite (item 8) to 2nd thread of both male and female threads. Torque to 475-500 ft-lbs.

*g Apply loctite (item 8), and torque to 475-500 ft-lbs.

*h Torque taper dowel studs first. Torque all to 242-250 ft-lbs.

*j Torque to 682-750 ft-lbs.

*k Apply Threadlock (item 38) and torque to 96 in-lbs.

*m Included In 214939 Internal Gear & Hub Assembly.

*n Included In 211820 Cover Assembly.

N/A Not Applicable

