



PARTS BOOK

ROTARY HEADS

• 214cm CUT • SKID-STEER MOUNT •

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Foreword

This manual contains the parts breakdown and identification of the various components and structures that make up your mower implement.

The illustrations, drawings, and diagrams in this manual are based on the latest information available at the time of publication. Your machine may have product improvements and features not yet contained in this parts manual.

Diamond Mowers, LLC reserves the right to make changes at any time without notice or obligation.

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This manual should be consulted prior and while assembling the unit, and anytime parts or assembly clarification is needed.

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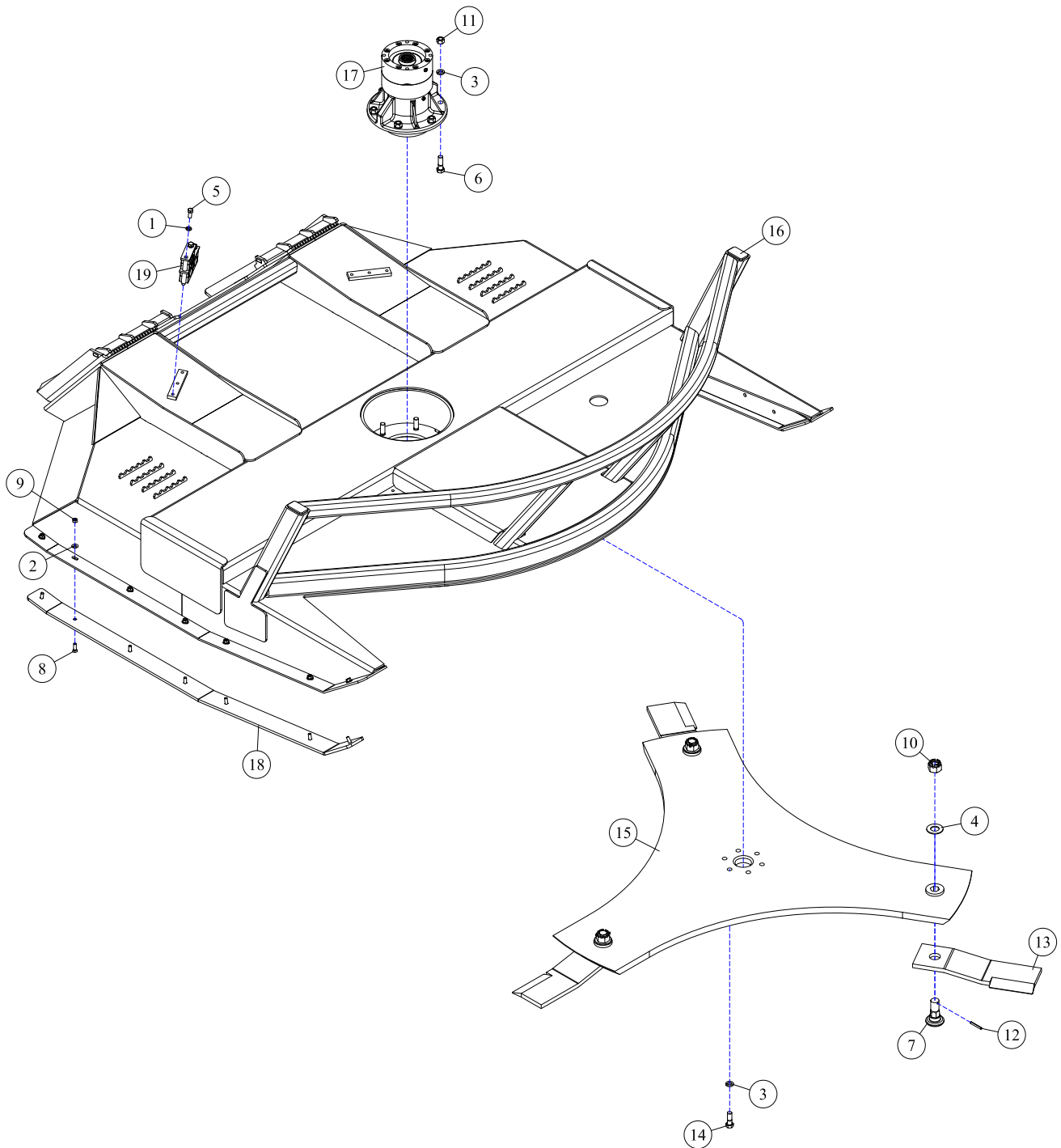


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ROTARY HEADS



ROTARY HEAD - 84" (2134mm) DECK, DIRECT DRIVE

REF#	PARTS DESCRIPTION	REQ	PART #
1	7/16 LOCK WASHER GR 5	3	11-0003
2	5/16 FLAT WASHER	14	11-0015
3	5/8 H.S. LOCK WASHER	12	11-0043
4	1-1/8 H.S. SAE FLAT WASHER	3	11-0057
5	7/16 X 1 NC HEX CAP	3	11-0584
6	5/8 X 2-1/4 H.S. NF HEX CAPSCREW	6	11-0691
7	BLADE BOLT - HEX BASE	3	11-0759
8	3/8 X 1-1/4 PLOW BOLT	14	11-0804
9	3/8 NC NYLOCK NUT	14	11-1024
10	1-1/8 H.S. NF SLOTTED HEX NUT	3	11-1050

REF#	PARTS DESCRIPTION	REQ	PART #
11	5/8 H.S. NF STOVER NUT	6	11-1143
12	ROLL PIN, 1/4 X 2	3	11-2005
13	5/8" BRUSH BLADE	3	22-0006
14	5/8 X 1-3/4 H.S. NF HEX CAPSCREW	6	11-2107
15	84" DISC (serial # 21826 and up)	1	24-0290
16	84" DECK SHELL	1	25-0182
17	SPINDLE ASSEMBLY	1	35-0088
18	84" SKID SHOE	2	42-0043
19	HOSE CLAMP	1	44-0351

ROTARY HEAD - 84”(2134mm) DECK, DECAL IDENTIFICATION

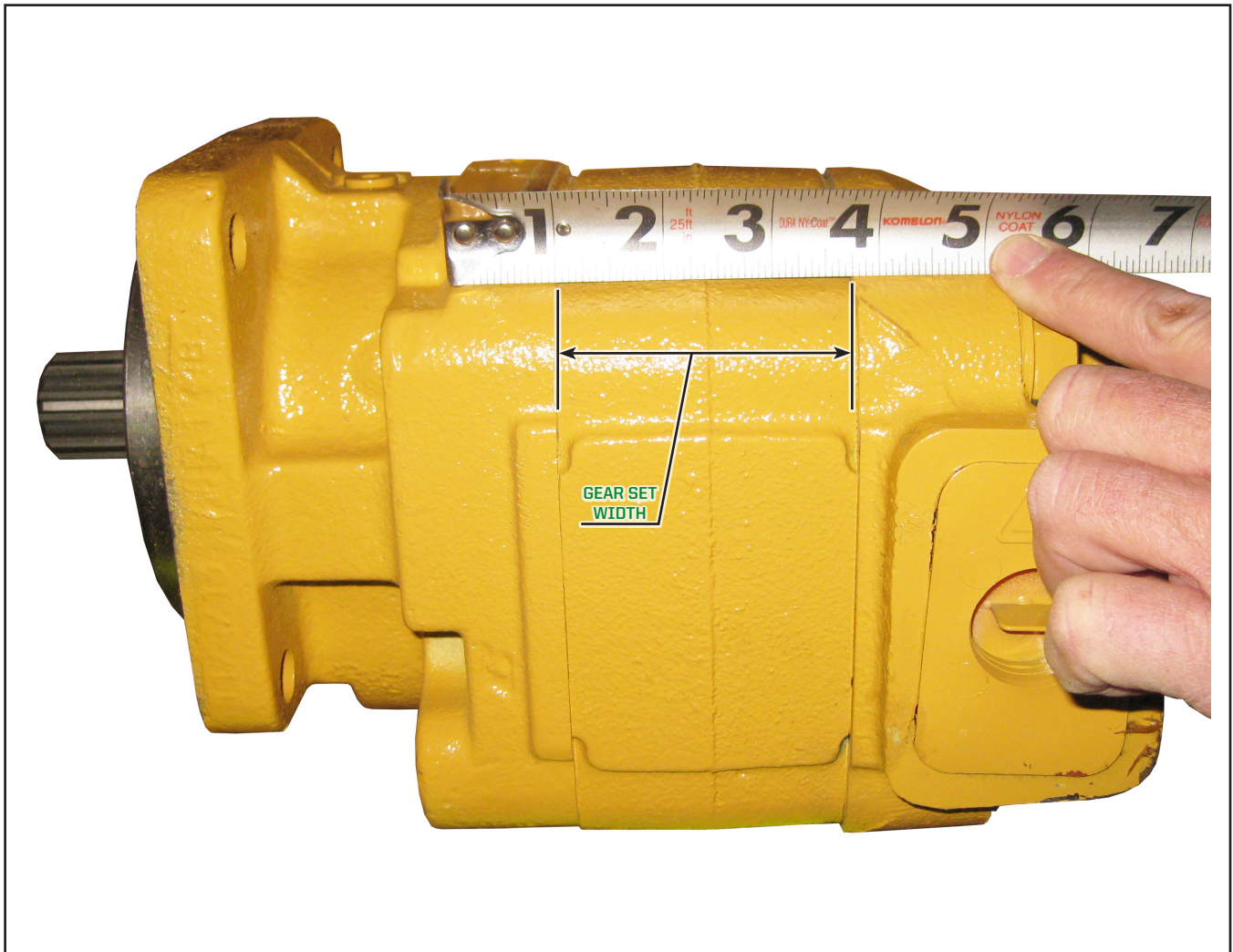
DRIVE ASSEMBLIES



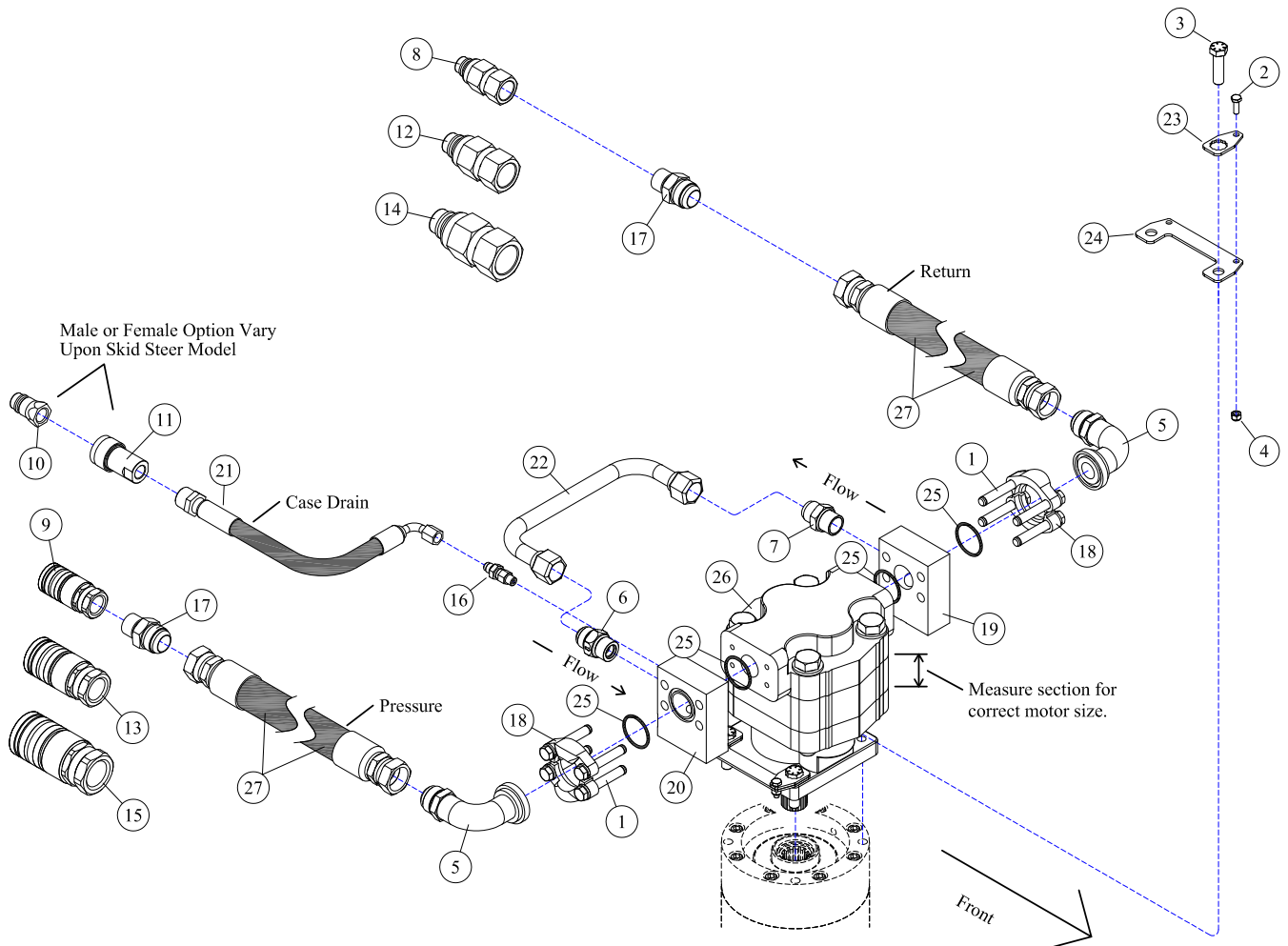
HOW TO DETERMINE YOUR MOTOR PART NUMBER

Note: The following parts pages in the **DRIVE ASSEMBLIES** section have multiple motor options; to identify which motor you have, follow the instructions below: you will have to first determine your vehicles hydraulic oil LPM requirements (i.e. 61-155LPM).

- ▷ Determine what your hydraulic oil flow requirements are for your vehicle in Litres per minute (LPM).
- ▷ Locate the **Drive Assemblies** page in the table of contents in the front of this manual that has a LPM range consistent with your vehicle's LPM requirements, and go to that page. Locate your motor part number.
- ▷ If multiple motor options and part numbers are available on your parts page, measure the width of the gear set portion of your motor to determine which part number is correct for your motor. Measure the gear set as shown in the illustration below *(see Figure 1)*.



Motor - (Figure 1)

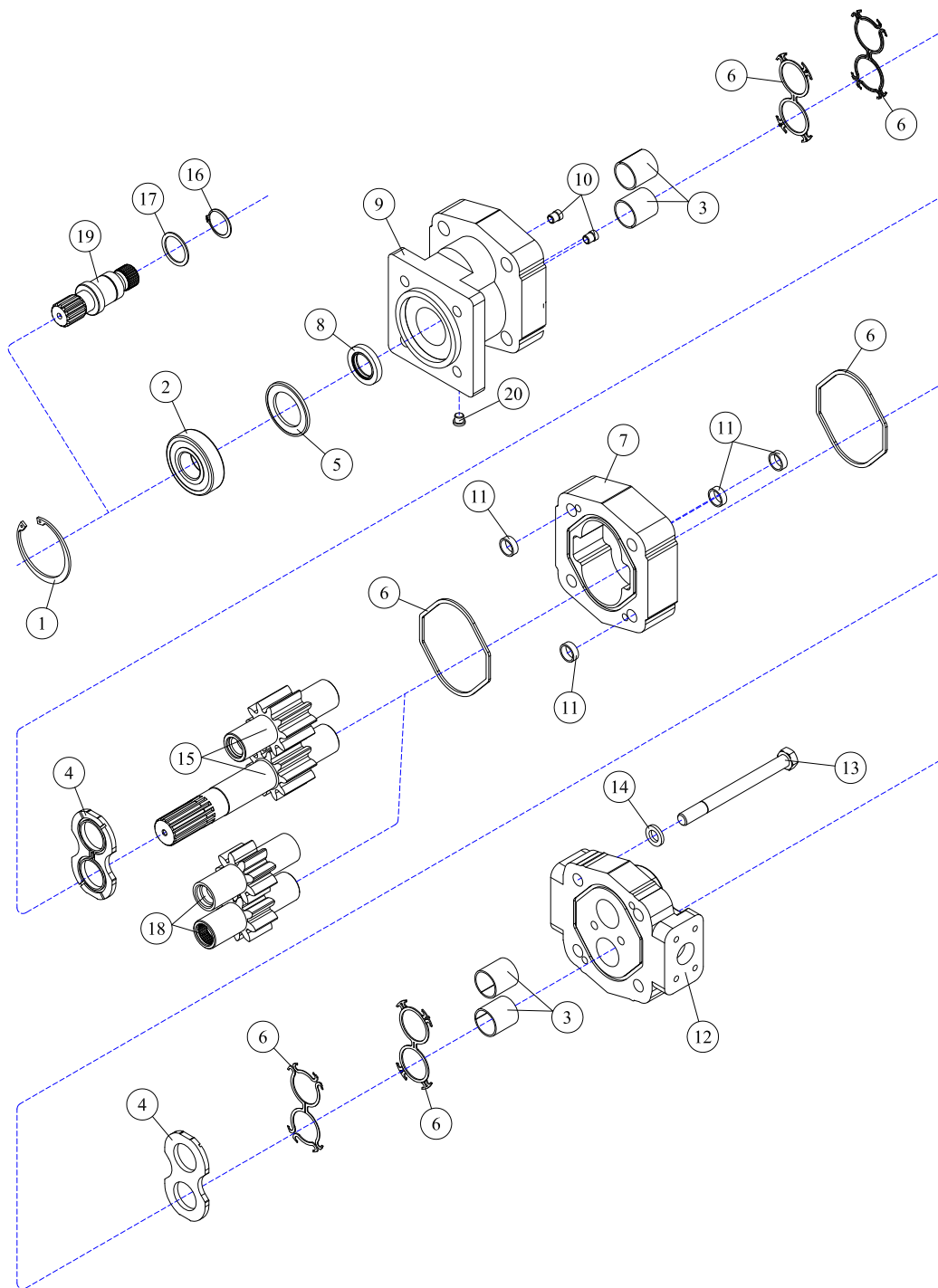
DRIVE ASSEMBLY - 84" (2134mm), 122-151LPM (32-40GPM)

REF#	PARTS DESCRIPTION	REQ	PART #
1	7/16 X 3 NC HEX CAPSCREW (included with #19 & 20)	8	11-0587
2	1/4 X 3/4 NC HEX CAP	4	11-0588
3	1/2-20 X 1-3/4 H.S. NF HEX CAP GR 8	4	11-0664
4	1/4 NC NYLOCK NUT	4	11-1022
5	#20FLG X 1MJIC-90DEG ADAPTER	2	21-1267
6	CHECK VALVE	1	21-1474
7	3/4 MORB X 3/4 MJIC ADAPTER	1	21-1475
8	1/2 MALE QUICK COUPLER, FLAT FACE	1	21-1559
9	1/2 FEMALE QUICK COUPLER, FLAT FACE	1	21-1560
10	3/8 MALE QUICK COUPLER, FLAT FACE	1	21-1561
11	3/8 FEMALE QUICK COUPLER, FLAT FACE	1	21-1562
12	5/8 MALE QUICK COUPLER, FLAT FACE	1	21-1574
13	5/8 FEMALE QUICK COUPLER, FLAT FACE	1	21-1575
14	3/4 MALE QUICK COUPLER, FLAT FACE	1	21-1576
15	3/4 FEMALE QUICK COUPLER, FLAT FACE	1	21-1577
16	ADAPTER, 1/4MOR X 3/8MJIC	1	21-1597

REF#	PARTS DESCRIPTION	REQ	PART #
17	ADAPTER, 1MJIC X 3/4MORB	2	21-1602
18	#20 FLANGE KIT (included with #19 & 20)	2	21-2105
19	CROSS OVER MANIFOLD KIT (includes #1, 18 & 25)	1	21-2180
20	TEE MANIFOLD KIT (includes #1, 18 & 25)	1	21-2181
21	HOSE 3/8 X 106 (3/8FJIC 90DEG X 1/2MP)	1	21-4290
22	RUN-AROUND TUBE	1	28-0051
23	MOTOR BOLT LOCK TAB	4	31-0503
24	MOTOR BOLT LOCK BASE	2	31-0504
25	O-RING (included with #18, 19 & 20)	4	33-0013
26	MOTOR M365, 2-1/2" GEAR SET, 3" SECT, 32-41 GAL/MIN	1	30-0518
27	HOSE 1 X 103 (1FJIC X 1FJIC) "STANDARD" "OPTIONAL UPGRADE" 4000 PSI	2 2	21-4345 21-4346

DECK ASSEMBLIES



30-0518 - MOTOR ASSEMBLY

REF#	PARTS DESCRIPTION	REQ	PART #
1	SNAP RING	1	30-1009
2	OUTBOARD BEARING	1	30-1010
3	BUSHING	4	30-1011
4	THRUST PLATE	2	30-1012
5	SEAL RETAINER	1	30-1017
6	M365 SEAL KIT	Avail	30-1021
7	2-1/2" M365 GEAR HOUSING	1	30-1137
8	SHAFT SEAL		
	150 PSI (included in M365 seal kit)	1	30-1210
	500 PSI	1	30-1156
9	SHAFT END COVER	1	30-1086
10	CHECK ASSEMBLY	2	30-1087
11	ALIGNMENT BUSHING	4	30-1090

REF#	PARTS DESCRIPTION	REQ	PART #
12	PORT END COVER	1	30-1091
13	STUD	4	30-1334
14	WASHER	4	30-1093
	GEAR SET OPTION A:		
15	2-1/2" GEAR SET	1	30-1170
	GEAR SET OPTION B:		
16	RETAINING RING	1	30-1019
17	WASHER	1	30-1020
18	2-1/2" GEAR SET	1	30-1136
19	CONTINENTAL SHAFT, SPLINED	1	30-1144
20	PLUG	1	30-1096
*	SEAL APPLICATOR TOOL (not shown)	Avail	30-1048

35-0088 - DIRECT DRIVE SPINDLE

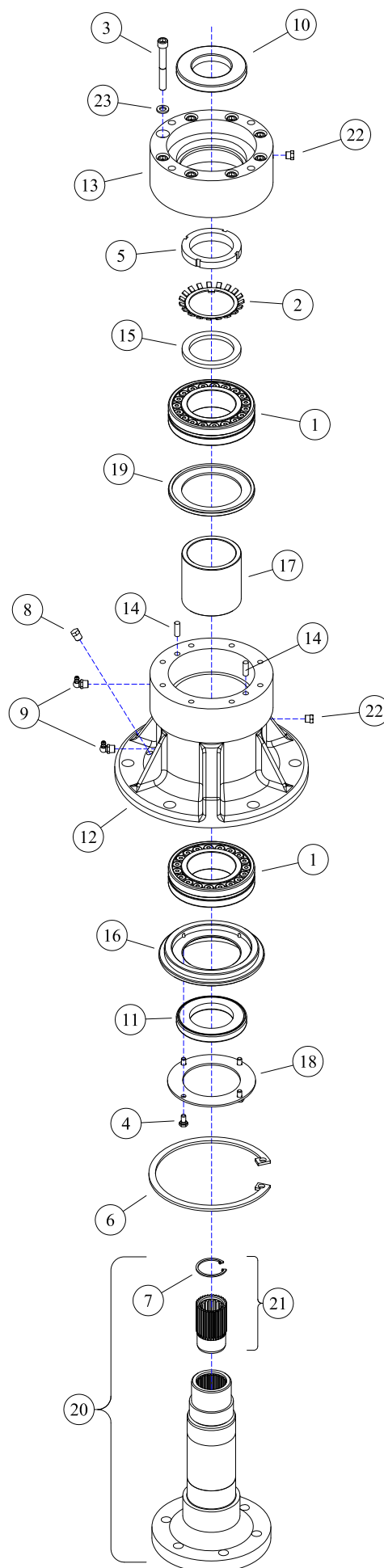
Grease with #2 lithium based grease every 500hrs.
Use 10 pumps (.44oz) into each of the two grease zerk.

Warning: Do not overgrease

Overgreasing will cause damage or premature failure of the bearings, housing & seals.

REF#	PARTS DESCRIPTION	REQ	PART #
1	BEARING	2	10-0055
2	LOCKING WASHER	1	11-0048
3	3/8 X 2-3/4 NC SKT HEAD CAPSCREW	8	11-0703
4	1/4 X 1/2 NC CAPSCREW	4	11-0741
5	2-1/2 SPANNER NUT	1	11-1037
6	LARGE SNAP RING	1	11-2021
7	SMALL SNAP RING	1	11-2022
8	PIPE PLUG	1	21-1136
9	1/8 X 90 GREASE ZERK	2	23-0005
10	UPPER SEAL	1	33-0035
11	LOWER SEAL	1	33-0057
12	SPINDLE HOUSING	1	35-0021
13	SEAL/MOTOR MOUNT	1	35-0022
14	ALIGNMENT PIN	2	35-0032
15	SPACER	1	35-0050
16	BOTTOM SEAL PLATE	1	35-0063
17	SPACER	1	35-0064
18	BOTTOM PLATE	1	35-0065
19	GREASE CATCH	1	35-0066
20	SPINDLE SHAFT COMPLETE	1	35-0090
*21	SPLINED INSERT KIT	1	35-0091
22	BREATHER	2	80-1016
23	3/8 LOCK WASHER GR 5	8	11-0005

* The splined insert kit includes the insert removal tool 11-0913.



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**72-HOUR PARTS
SHIPPING GUARANTEE**