



39	FS326	4	WASHER,L,3/4, PLAIN	☒SEE NOTE A
38	FS175	4	SCREW,HHCS,3/4-10x2	☒SEE NOTE A
37A	FS336	1	PIPEPLUG,1/8 SQHD,, SOLID	☒SEE NOTE A
37	FS336	1	PIPEPLUG,1/8 SQHD,, SOLID	☒SEE NOTE A
36	FS333	2	PIPEPLUG,1/2 SQHD CORED	☒SEE NOTE A
35	FS333	1	PIPEPLUG,1/2 SQHD CORED	
34	M12569	1	GEAR CASE, D-TH HOIST,VERTICAL MOTOR	
33	FS421	1	NUT,NYLON INSERT,7/8-14	☒SEE NOTE A
32	FS327	1	WASHER,L,7/8, PLAIN	☒SEE NOTE A
31	----	1	PINION, JOB SPECIFIC	-- SEE NOTE #11
30	K11047	1	ASSY, HOLDER, BEARING, D, HOISTS	
29	K10924P2	1	KEY, 3/8x3/8, 1-7/16	
28	----	1	MOTOR, D-HOIST, JOB SPECIFIC	
27	----	1	GEAR, JOB SPECIFIC	-- SEE NOTE #11
26	FS296	1	NUT,NYLONINSERT,JAM,1-1/2-12,NTE	☒SEE NOTE A
25	M2962	1	BRACKET, ATTACH, MOTOR, D	
24	FS255	4	NUT,HEX,1/2-13,GR2,PLAIN	☒SEE NOTE A
23	FS148	4	SCREW,HHCS,1/2-13x2-1/4	☒SEE NOTE A
22	FS216	2	SCREW,SHSS,1/2-13x1/2,KNURLED	
21	----	2	DRUM, JOB SPECIFIC	
20	DM7033	2	SEAL, SHAFT, 3.00 ID, 4.00 OD	☒SEE NOTE C
19A	FS146	2	SCREW,HHCS,1/2-13x1-1/4	☒SEE NOTE A
19	FS146	8	SCREW,HHCS,1/2-13x1-1/4	☒SEE NOTE A
18	FS323	14	WASHER,L,1/2,PLAIN	☒SEE NOTE A
17	M1482	1	COVER, SIDE, GEAR CASE, D-TH	
16	K10758	1	KIT, SHIM, D-HOIST, SIDE COVER	
15	----	1	DRUM SHAFT, JOB SPECIFIC	
14	K10858P2	1	KEY, 3/4x3/4, 2-3/16	
13	K10910P3	2	KEY,1/2x1/2x2-5/8,DRUM,C,3P,D	
12	----	1	WORM WHEEL, JOB SPECIFIC	-- SEE NOTE #5
11	DM7022	2	BEARING, TRB, CONE, 3.00 ID	☒SEE NOTE B
10	DM7023	2	BEARING, TRB, CUP, 5.37 OD	☒SEE NOTE B
9	FS220	1	PIN,COTTER,3/16x3	☒SEE NOTE A
8	K10957P1	1	KEY, 7/16x7/16, 1-1/4	
7	DM7025	2	BEARING, TRB, CUP, 4.87 OD	☒SEE NOTE B
6	DM7024	2	BEARING, TRB, CONE, 1.87 ID	☒SEE NOTE B
5	----	1	WORM SHAFT, JOB SPECIFIC	-- SEE NOTE #5
4	DM7027	1	BEARING,BALL,M6312Z,2.36ID,5.11OD,1.22W	☒SEE NOTE B
3	K807	1	COVER, END, GEAR CASE, D	
2	FS315	4	WASHER,L,3/8, PLAIN	☒SEE NOTE A
1	FS130	4	SCREW,HHCS,3/8-16x1-1/4	☒SEE NOTE A
ITEM#	PART #	QTY	DESCRIPTION	

☒ KIT NOTES:

A) THIS PART CAN ONLY BE ORDERED AS PART OF GEARCASE HARDWARE KIT #K11265A.

B) THIS PART CAN ONLY BE ORDERED AS PART OF GEARCASE BEARING KIT #K11163.

C) THIS PART CAN ONLY BE ORDERED AS PART OF GEARCASE SEAL KIT #K11271.

D) FOR SEALS & SHIMS, ORDER SEAL & SHIM KIT #K11285.

NOTES:

- 1) \* - APPLY ANTISEIZE COMPOUND
- 2) ◆ - APPLY PERMATEX ULTRACOPPER SEALANT ELECTROLIFT P/N DM7394
- 3) ☞ - APPLY BLUE TYPE THREADLOCK COMPOUND, TORQUE TO 52 FT-LBS
- 4) USE THE SAME AMOUNT AND COLOR OF SHIMS AS ORIGINAL SET.
- 5) IDENTIFICATION CHART

NO OF TEETH	WORM WHEEL P/N	WORM SHAFT P/N
37	M395B	M394
66	M2981A	M2980

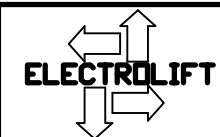
6) OIL: USE SYNTHETIC OIL, ELECTRO LIFT P/N DM7381, MOBIL SHC 634  
OIL CAPACITY: KEEP OIL CHECK PLUG OPEN WHILE FILLING GEARCASE WITH OIL  
FILL UNTIL OIL SPLILLS OUT OF OIL CHECK PLUG.

- 7) PRESS ITEM 12 ONTO ITEM 15 CENTRALLY LOCATED ON ITEM 13
- 8) PRESS ITEM INTO MATING HOUSING OR COVER
- 9) TO BE PRESSED ON MATING SHAFT
- 10) A. TIGHTEN NUT (ITEM #27) UNTIL THE GEAR CANNOT BE TURNED BY HAND  
B. LOOSEN NUT (ITEM #27) APROX. 45°.  
C. TAP WORM SHAFT (ITEM #5) ON NUT SIDE WITH BRASS DRIFT AND HAMMER.  
D. SPIN GEAR(ITEM #28) BY HAND. THE GEAR MUST BE ABLE TO SPIN THREE FULL REVOLUTIONS EASILY WITHOUT ANY HELP BY HAND.  
E. ADJUST NUT(ITEM #27) UNTIL THE THREE FULL REVOLUTIONS IS REACHED  
F. TAP WORM SHAFT (ITEM #5) AS PER NOTE #10, C. EVERYTIME A NUT (ITEM #27) ADJUSTMENT IS MADE.

11) IDENTIFICATION CHART

PINION- THE SMALLER OF THE TWO GEARS, GEAR- THE LARGER GEAR  
PINIONS AND GEARS ARE MATCHED SETS AS KITS

KIT	# TEETH	PINION P/N	# TEETH	GEAR P/N
K11204P1	17	K3166P4	56	K3165P4
K11204P2	18	K3166AP15	55	K3165AP15
K11204P3	19	K3166P2	54	K3165P2
K11204P4	20	K3166P9	53	K3165P9
K11204P5	21	K3166AP18	52	K3165AP18
K11204P6	22	K3166P6	51	K3165P6
K11204P7	23	K3166AP26	50	K3165AP26
K11204P8	24	K3166P11	49	K3165P11
K11204P9	25	K3166AP17	48	K3165AP17
K11204P10	26	K3166AP25	47	K3165AP25
K11204P11	27	K3166AP13	46	K3165AP13
K11204P12	28	K3166AP12	45	K3165AP12



Customer Service  
1-800-338-9951

D-Twin Hook,  
Vertical Motor  
Gearcase Assembly  
Parts List  
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