ELECTROLIFT

Customer Service
1-800-338-9951

SEE NOTE #4

SEE NOTE #9

SEE NOTE #8

SEE PARTIAL SECTION
VIEW A

SEE PARTIAL SECTION
VIEW A

SEE PARTIAL SECTION
VIEW A

SEE NOTE #8

SEE NOTE #9

SEE NOTE #10

SEE NOTE #9

SEE NOTE #8

SEE NOTE #4

SEE NOTE #8
SEE NOTE #9
SEE NOTE #7

OUTER SURFACE

SEAL

SEAL TO BE FLUSH WITH
OUTER SURFACE, ITEM 10 AND ITEM 26
SEAL ORIENTATION ITEM 11
OR ITEM 19

PARTIAL SECTION VIEW A

A-Twin Hook-Floor Mounted
Gearcase Assembly
Parts List
Sheet 1 of 2

ITEM #	PART #	QTY	DESCRIPTION	
34	FS568	1	SCREW,FHSCS,1/2-13x1-3/4	⊠SEE NOTE A
33	K3102	1	STRAP, ADAPTER, MOTOR, A-TH-OVR:FLR MTD	
32	K11123	1	SPACER, 9/16 ID, 1 OD, 1/2 LG	
31	FS333	1	PIPEPLUG,1/2 SQHD CORED	⊠SEE NOTE A
30	DM7003	2	BEARING, TRB, CONE, 1.50 ID	⊠SEE NOTE B
29	DM7004	2	BEARING, TRB, CUP, 3.00 OD	⊠SEE NOTE B
28	FS122	6	SCREW,HHCS,5/16-18x7/8	⊠SEE NOTE A
27	FS312	6	WASHER,L,5/16, PLAIN	⊠SEE NOTE A
26	M304A	1	COVER, SIDE, GEAR CASE, A	
25	K10753	1	KIT, SHIM, A-HOIST, SIDE COVER	
24	K10849P4	1	KEY, 5/16x5/16, 1-1/4, 'A' WORM WHEEL	
23	----	1	SHAFT, JOB SPECIFIC	
22	K10849P5	2	KEY, 5/16x5/16, 2, A:B DRUM SHAFT	
21	----	1	WORM WHEEL, SEE NOTE #5	
20	FS337	1	PIPEPLUG,1/2 SQHD CORED, W/STRAIGHT VENT	⊠SEE NOTE A
19	DM7028	2	SEAL, SHAFT, 1.5 ID, 2.37 OD	⊠SEE NOTE C
18	FS445	2	SOCKET HEAD SET SCREW 3/8-16x1/2, KNURLED	
17	----	2	DRUM, JOB SPECIFIC	
16	M2960A	1	ADAPTER, MOTOR, A-TH-OVR:FLR MTD	
15	FS310	7	WASHER,L,1/4 , PLAIN	⊠SEE NOTE A
14	N/A	-	----	
13	FS571	7	SCREW,HHCS,1/4-20x1-1/2, GR2,PLAIN	⊠SEE NOTE A
12	FS129	4	SCREW,HHCS,3/8-16x1, GR2,PLAIN	⊠SEE NOTE A
11	DM7216	1	SEAL, SHAFT, 1 ID, 1.82 OD	⊠SEE NOTE C
10	T478A	1	GEAR CASE, A TWIN HOOK HOIST	
9	FS336	1	PIPEPLUG,1/8 SQHD,CAST IRON, SOLID	⊠SEE NOTE A
8	K10845P2	1	KEY, 3/16x3/16, 1-1/16, A MOTOR	
7	----	1	WORM SHAFT, SEE NOTE #5	
6	DM7000	2	BEARING, TRB, CONE, 1 ID	⊠SEE NOTE B
5	DM7001	2	BEARING, TRB, CUP, 2.56 OD	⊠SEE NOTE B
4	K10754	1	KIT, SHIM, A-HOIST, END COVER	
3	K101	1	COVER, END, GEAR CASE, A	
2	FS315	8	WASHER,L,3/8	⊠SEE NOTE A
1	FS466	4	SCREW,HHCS,3/8-16x7/8	⊠SEE NOTE A
ITEM #	PART #	QTY	DESCRIPTION	

BILL OF MATERIALS

NOTES:

1) ✳ - APPLY ANTISEIZE COMPOUND

2) ◆ - SEE LAST SHEET FOR LOCTITE SEALANT AND GASKET APPLICATION INSTRUCTIONS.

3) ☞ - APPLY BLUE TYPE THREADLOCK COMPOUND, TORQUE TO 24 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
44	M302	M301P1
55	M2856A	M2855
64	K903A	K940

6) OIL CAPACITY 12 OZ., EXXON CYLESSTIC TK680 OR EQUIV. E/L P/N DM7146 OR MOBIL SHC 634 OR EQUIV. (SYNTHETIC) E/L P/N DM7381

7) PRESS ITEM 21 ONTO ITEM 23 CENTRALLY LOCATED ON ITEM 24

8) PRESS ITEM INTO MATING HOUSING OR COVER

9) TO BE PRESSED ON MATING SHAFT

10) TAP WITH MALLET AFTER PRESSING ITEM 5

⊠ KIT NOTES:
A) THIS PART CAN ONLY BE ORDERED AS PART OF GEARCASE HARDWARE KIT #K11256

B) THIS PART CAN ONLY BE ORDERED AS PART OF GEARCASE BEARING KIT #K11151.

C) THIS PART CAN ONLY BE ORDERED AS PART OF SEAL KIT #K11153.

D) FOR BOTH SEALS & SHIMS, ORDER SEAL & SHIM KIT #K11279.
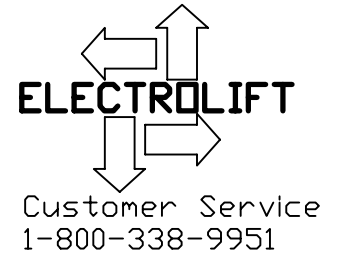
A-Twin Hook-Floor Mounted
Gearcase Assembly
Parts List
Sheet 2 of 2

Type 'A', 'B', and 'BC' Hoist Gearbox

Notes:

1. Required components: 518 Gasket Eliminator, 565 Pipe Sealant, 598 RTV, and 7649 Primer
1. All metal surfaces to be cleaned with brake cleaner, acetone, or Loctite Cleaner/Degreaser.   After cleaning, all surfaces will be wiped down and dried.
2. All Loctite sealants, retaining compounds, and gasket eliminators require 3 hours to set and 24 hours to fully cure. None of these materials should come into contact with oil or grease before this time.
4. Apply 518 Gasket Eliminator in a continuous bead, circling each bolt hole as shown. Do not spread.
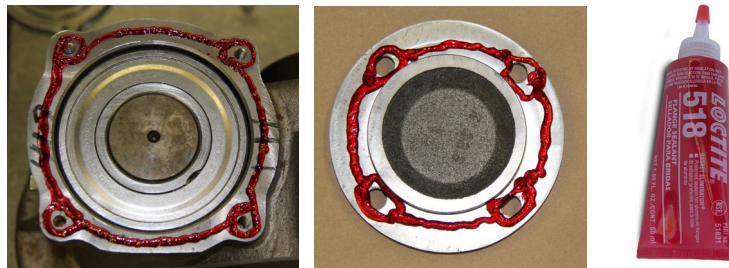
Gearcase / Side Cover - 518 Gasket Eliminator
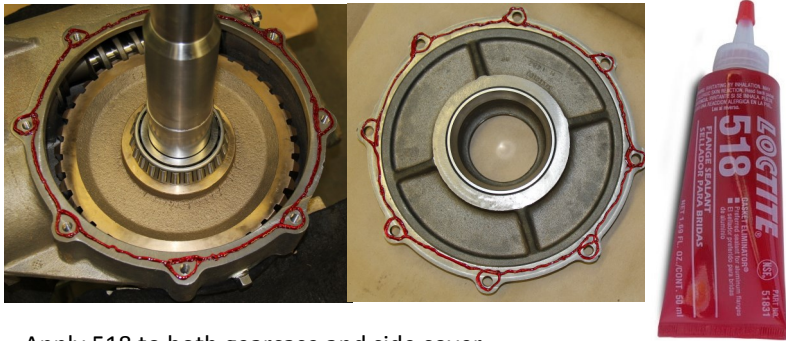
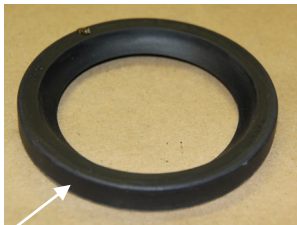Apply 518 to both gearcase and side cover

Shims (Side Cover or End Cover) - 7649 Primer

Note:

Spray both sides of the shim 'stack' with Loctite 7649 Primer. There is no need to spray each shim individually.

Oil Seal - 598 RTV

Apply Loctite 598 RTV to the outside diameter of the oil seal

Gearcase / End Cover - 518 Gasket Eliminator

Spur Gear Cover / Side Plate (if equipped) - 518 Gasket Eliminator

Pipe Plug- 565 Sealant

Apply Loctite 565 Pipe Sealant to threads only.