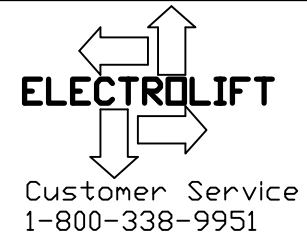


| 30     | DM7019 | 1   | BEARING, BALL, 6206ZZ, 1.18 ID, 2.44 OD, .62 W<br>☒SEE NOTE D |
|--------|--------|-----|---|
| 29     | M794   | 1   | COVER, SPUR GEAR, BC-4P -- SEE NOTE #14                       |
| 28     | ----   | 1   | PINION, JOB SPECIFIC -- SEE NOTE #13                          |
| 27     | DM7018 | 1   | BEARING, BALL, 6211ZZ, 2.16 ID, 3.93 OD, .82 W<br>☒SEE NOTE D |
| 26     | FS129  | 6   | SCREW,HHCS,3/8-16x1 ☒SEE NOTE A                               |
| 25     | M1310A | 1   | COVER, SIDE, GEAR CASE, BC                                    |
| 24     | K10755 | 1   | KIT, SHIM, B-HOIST, SIDE COVER                                |
| 23     | DM7010 | 1   | BEARING, TRB, CUP, 4.25 OD ☒SEE NOTE B                        |
| 22     | DM7009 | 1   | BEARING, TRB, CONE, 2.25 ID ☒SEE NOTE B                       |
| 21     | K1774  | 1   | SHAFT, PINION, BC-4P  |
| 20     | ----   | 1   | WORM WHEEL, JOB SPECIFIC -- SEE NOTE #5                       |
| 19     | DM7003 | 1   | BEARING, TRB, CONE, 1.50 ID ☒SEE NOTE B                       |
| 18     | DM7004 | 1   | BEARING, TRB, CUP 3.00 OD ☒SEE NOTE B                         |
| 17     | M2959E | 1   | ADAPTER, MOTOR, T477, C FACE,FLR & BASE MTD                   |
| 16     | N/A    | -   | -   |
| 15a    | N/A    | -   | -   |
| 15     | N/A    | -   | -   |
| 14     | FS320  | 4   | WASHER,INT.TOOTH,1/2,PLATED ☒SEE NOTE A                       |
| 13     | FS207  | 4   | SCREW,SHCS,1/2-13x1-1/4 ☒SEE NOTE A                           |
| 12     | K122P2 | 1   | SLEEVE, MOTOR SHAFT, B HOIST                                  |
| 11     | DM7030 | 1   | SEAL, SHAFT, 1.18 ID, 2.06 OD ☒SEE NOTE C                     |
| 10     | T477BC | 1   | GEAR CASE, BC HOIST   |
| 9      | FS337  | 1   | PIPEPLUG,1/2 SQHD CORED, W/STRAIGHT VENT<br>☒SEE NOTE A       |
| 8      | FS336  | 1   | PIPEPLUG,1/8 SQHD,SOLID ☒SEE NOTE A                           |
| 7      | ----   | 1   | WORM SHAFT, JOB SPECIFIC -- SEE NOTE #5                       |
| 6      | DM7005 | 2   | BEARING, TRB, CONE, 1.25 ID ☒SEE NOTE B                       |
| 5      | DM7006 | 2   | BEARING, TRB, CUP, 3.125 OD ☒SEE NOTE B                       |
| 4      | K10756 | 1   | KIT, SHIM, B-HOIST, END COVER                                 |
| 3      | K123   | 1   | COVER, END, GEAR CASE, B                                      |
| 2      | FS315  | 10  | WASHER,L,3/8 ☒SEE NOTE A                                      |
| 1      | FS130  | 4   | SCREW,HHCS,3/8-16x1-1/4 ☒SEE NOTE A                           |
| ITEM # | PART # | QTY | DESCRIPTION   |

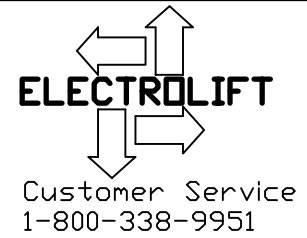
\*SEE NOTES #14 &  
KIT NOTES A-F ON SHEET 3



| 50     | DM7031   | 1   | SEAL,SHAFT,2.25 ID,3.35 OD ☒SEE NOTE C                        |
|--------|----------|-----|---|
| 49     | FS413    | 2   | PIN, ROLL, 3/8x1-1/4 -- SEE NOTE #14                          |
| 48     | K10849P3 | 1   | KEY, 5/16x5/16,2-15/16  |
| 47A    | FS333    | 2   | PIPEPLUG,1/2 SQHD CORED ☒SEE NOTE E                           |
| 47     | FS333    | 1   | PIPEPLUG,1/2 SQHD CORED ☒SEE NOTE A                           |
| 46     | K10910P1 | 1   | KEY,1/2x1/2,1-3/4   |
| 45     | K10910P4 | 1   | KEY,1/2x1/2, 1-15/16  |
| 44A    | FS312    | 7   | WASHER,L,5/16 ☒SEE NOTE A                                     |
| 44     | FS127    | 7   | SCREW,HHCS,5/16-18x2-1/4 ☒SEE NOTE A                          |
| 43     | K1608P4  | 1   | PLATE, SIDE, BC4P-TH -- SEE NOTE #14                          |
| 42     | ----     | 1   | GEAR, JOB SPECIFIC -- SEE NOTE #13                            |
| 41     | ----     | 1   | DRUM SHAFT, JOB SPECIFIC                                      |
| 40     | K10910P4 | 1   | KEY, 1/2x1/2x1-15/16  |
| 39     | K10849P5 | 2   | KEY, 5/16x5/16, 2, A:B DRUM SHAFT                             |
| 38     | FS445    | 2   | SOCKET HEAD SET SCREW, 3/8-16x1/2, KNURLED                    |
| 37     | ----     | 2   | DRUM, JOB SPECIFIC  |
| 36     | FS312    | 10  | WASHER,L,5/16,PLAIN -- SEE NOTE #14                           |
| 35     | FS124    | 10  | SCREW,HHCS,5/16-18x1-1/4 -- SEE NOTE #14                      |
| 34     | DM7017   | 2   | BEARING, BALL, 6209ZZ, 1.77 ID, 3.34 OD, .74 W<br>☒SEE NOTE D |
| 33     | FS110    | 4   | SCREW,HHCS,1/4-20x5/8, GR2 ☒SEE NOTE E                        |
| 32     | FS310    | 4   | WASHER,L,1/4, PLAIN ☒SEE NOTE E                               |
| 31     | K900AP25 | 1   | COVER, BALL BRG   |
| ITEM # | PART #   | QTY | DESCRIPTION   |

BC-4P Floor Mounted  
Gearcase Assembly  
Parts List  
Sheet 2 of 3

BILL OF MATERIALS



NOTES:

- 1) \* - APPLY ANTISEIZE COMPOUND
- 2) ◆ - APPLY PERMATEx ULTRACOPPER SEALANT ELECTROLIFT P/N DM7394
- 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 |
|-------------|----------------|----------------|
| 36          | M336A          | M320           |
| 41          | M12207A        | M2851          |
| 67          | M2864A         | M2853          |

- 6) OIL CAPACITY 18 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 20 ONTO ITEM 21 CENTRALLY LOCATED ON ITEM 45
- 8) PRESS ITEM INTO MATING HOUSING OR COVER
- 9) TO BE PRESSED ON MATING SHAFT
- 10) TAP WITH MALLET AFTER PRESSING ITEM 5
- 11) PRESS ITEM 42 ONTO ITEM 41 CENTRALLY LOCATED ON ITEM 40
- 12) COAT ALL TEETH WITH EXXON RONEX MP GREASE P/N DM7154  
ITEM 29 IS TO BE AT APPROX. 50% CAPACITY FULL OF GREASE WHEN SEALED.  
COAT MATING SURFACES ON ITEM #43 & ITEM #29  
WITH PERMATEx ULTRACOPPER SEALANT ELECTROLIFT P/N DM7394
- 13) 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 |
|-----------|---------|------------|---------|----------|
| K11199P1  | 15      | K852BP60   | 49      | K852AP30 |
| K11199P2  | 16      | K852AP35   | 48      | K852P11  |
| K11199P3  | 17      | K852BP57   | 47      | K852AP23 |
| K11199P4  | 18      | K852AP34   | 46      | K852AP31 |
| K11199P5  | 19      | K852BP53   | 45      | K852AP27 |
| K11199P6  | 20      | K852BP45   | 44      | K852AP33 |
| K11199P7  | 21      | K852AP36   | 43      | K852AP15 |
| K11199P8  | 22      | K852BP54   | 42      | K852AP13 |
| K11199P9  | 23      | K852BP51   | 41      | K852BP52 |
| K11199P10 | 24      | K852BP46   | 40      | K852AP17 |
| K11199P11 | 25      | K852BP61   | 39      | K852AP25 |
| K11199P12 | 26      | K852BP41   | 38      | K852BP42 |
| K11199P13 | 27      | K852BP49   | 37      | K852BP44 |

- 14) M794 & K1608P4 ARE NOT AVAILABLE INDIVIDUALLY.  
THEY ARE AVAILABLE ONLY AS MATCHED SET M12272-P4,  
ALONG WITH NOTED HARDWARE.

☒ KIT NOTES:

- A) THIS PART CAN ONLY BE ORDERED AS PART OF GEARCASE HARDWARE KIT #K11236.
- B) THIS PART CAN ONLY BE ORDERED AS PART OF GEARCASE BEARING KIT #K11158.
- C) THIS PART CAN ONLY BE ORDERED AS PART OF SEAL KIT #K11159.
- D) THIS PART CAN ONLY BE ORDERED AS PART OF SPUR GEARBOX BEARING KIT #K11160.
- E) THIS PART CAN ONLY BE ORDERED AS PART OF SPUR GEARBOX HARDWARE KIT #K11246.
- F) FOR BOTH SEALS & SHIMS, ORDER SEAL & SHIM KIT #K11282.

BC-4P Floor Mounted  
Gearcase Assembly  
Parts List  
Sheet 3 of 3