

PARTIAL SECTION VIEW A

BC-3P Monorail
 Gearcase Assembly
 Parts List
 Sheet 1 of 3

| | | | |
|--------|---------|-----|---|
| 30 | DM7019 | 1 | BEARING, BALL, 6206ZZ, 1.18 ID, 2.44 OD, .62 W ☒SEE NOTE D |
| 29 | M1322P1 | 1 | COVER, SPUR GEAR, BC-3P -- 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 ☒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 | K1670 | 1 | SHAFT, PINION, BC-3P |
| 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 | M2959 | 1 | ADAPTER, MOTOR, T477, C FACE |
| 16 | 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 ☒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 |

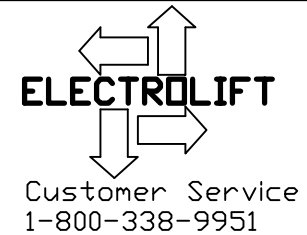
*SEE NOTE #14 & KIT NOTES A-E
ON SHEET 3



| | | | |
|--------|----------|-----|---|
| 50 | DM7031 | 1 | SEAL, SHAFT, 2.25 ID, 3.35 OD ☒SEE NOTE C |
| 49 | FS370 | 2 | PIN, ROLL, 1/2x1-1/2 -- 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 | K10910P2 | 1 | KEY,1/2x1/2x2 |
| 45 | K10910P4 | 1 | KEY,1/2x1/2x1-15/16 |
| 44a | FS312 | 7 | WASHER,L,5/16 ☒SEE NOTE A |
| 44 | FS127 | 7 | SCREW,HHCS,5/16-18x2-1/4 ☒SEE NOTE A |
| 43 | M12615 | 1 | PLATE, SIDE, BC3P-TH-MONO -- SEE NOTE #14 |
| 42 | ---- | 1 | GEAR, JOB SPECIFIC -- SEE NOTE #13 |
| 41 | ---- | 1 | DRUM SHAFT, JOB SPECIFIC |
| 40 | K11465P1 | 1 | KEY, 5/8, BC 3P GEAR |
| 39 | K10910P3 | 2 | KEY, 1/2x1/2x2-5/8, DRUM,C,3P-D |
| 38 | FS216 | 2 | SOCKET HEAD SET SCREW,1/2-13x1/2,KNURLED |
| 37 | ---- | 2 | DRUM, JOB SPECIFIC |
| 36 | FS315 | 10 | WASHER,L,3/8,PLAIN -- SEE NOTE #14 |
| 35 | FS131 | 10 | SCREW,HHCS,3/8-16x1-1/2 -- SEE NOTE #14 |
| 34 | DM7020 | 2 | BEARING, BALL, 6212ZZ, 2.36ID,4.33OD,.86W ☒SEE NOTE D |
| 33 | FS123 | 4 | SCREW,HHCS,5/16-18x1 , GR2 ☒SEE NOTE E |
| 32 | FS312 | 4 | WASHER,L,5/16, PLAIN ☒SEE NOTE E |
| 31 | K900AP30 | 1 | COVER, BALL BRG |
| ITEM # | PART # | QTY | DESCRIPTION |

BC-3P Monorail
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 |
|-----------|---------|------------|---------|-----------|
| K11201P1 | 12 | K1636P10 | 51 | K1636P2 |
| K11201P2 | 13 | K1636P3 | 50 | K1636P4 |
| K11201P3 | 14 | K1636P16 | 49 | K1636P17 |
| K11201P4 | 15 | K1636P12 | 48 | K1636P13 |
| K11201P5 | 16 | K1636P14 | 47 | K1636P15 |
| K11201P6 | 17 | K1636P28 | 46 | K1636P29 |
| K11201P7 | 18 | K1636P24 | 45 | K1636P9 |
| K11201P8 | 19 | K1636AP30 | 44 | K1636AP31 |
| K11201P9 | 20 | K1636P25 | 43 | K1636P26 |
| K11201P10 | 21 | K1636P19 | 42 | K1636AP36 |

- 14) M1322P1 & M12615 ARE NOT AVAILABLE INDIVIDUALLY.
THEY ARE AVAILABLE ONLY AS MATCHED SET M12277A,
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 #K11161.
- E) THIS PART CAN ONLY BE ORDERED AS PART OF SPUR GEARBOX HARDWARE KIT #K11237A.
- F) FOR BOTH SEALS & SHIMS, ORDER SEAL & SHIM KIT #K11282.

BC-3P Monorail
 Gearcase Assembly
 Parts List
 Sheet 3 of 3