

LTR	E.O. NO.	REVISION	DATE	APPRV'D

THESE INSTRUCTIONS APPLY TO "BESTWAY HYDRAULICS CO." AIR-OVER-OIL LIFTS, GENERALLY THESE LIFTS ARE OF IN-GROUND TYPES, "DIRECT" OR "R/C" (REMOTE CONTROL) OPERATED.

"BESTWAY" PRODUCT P.N. and (PISTON Dia. and TYPE) :

- A. 309, 433 - (5" Dia., "DIRECT" in Ground)
- B. 409, 434 - (5" Dia., "R/C" in Ground)
- C. 310 - (6-1/2" Dia., "DIRECT" in Ground)
- D. 410 - (6-1/2" Dia., "R/C" in Ground)

Note: P.N. 309 and 409 are not in production anymore.

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1. IN THE "DIRECT" TYPE LIFTS, RAISE THE LIFT TO FULLY UPPER (extended) POSITION.
  2. REMOVE THE MOUNTING BRACKET AND VALVE ASSEMBLY.
  3. PUSH THE LIFT TO THE FULLY LOWERED POSITION.
  4. IN THE "R/C" TYPE LIFTS, LOWER THE LIFT TO THE FULLY LOWER POSITION.  
OPEN THE BLEED VALVE TO COMPLETELY RELEASE ANY RESIDUAL AIR PRESSURE.
  5. REMOVE THE (4 or 6 x 1/2" Dia.) SCREWS HOLDING THE SUPERSTRUCTURE, THAN REMOVE SUPERSTRUCTURE.
  6. CLEAN THE AREA AROUND THE TOP OF THE CYLINDER AND BLOW AWAY ALL STANDING WATER, DIRT AND OIL.

MATERIAL	<b>BESTWAY</b> Hydraulics Comp, INC.			
	1518 SOUTH SANTA FE AVE.*COMPTON,CA 90221*TEL(310) 639-2507*FAX(310) 639-0706			
UNLESS OTHERWISE SPECIFIED TOLERANCES	TITLE PACKING AND WIPER REPLACEMENT			
FRACTIONAL DECIMAL ANGULAR	DRAWN E.N..	11.06.03	SIZE A	SCALE (1=1)
± ± ±	CHECKED			SHEET 1 OF 3
FEATURE CONTROL SYMBOLS PER USAS Y14.5 DIMENSIONS TO BE MET BEFORE PLATING MACHINED SURFACES TO BE 125 ✓ MAX.	APPROVED		DRAWING NO. 499	

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7. USE A 9/16" SOCKET WRENCH TO REMOVE ALL THE 3/8" HEX HEAD CAP SCREWS, LOCATED ON THE GLAND RING.
8. REMOVE THE GLAND RING FROM THE LIFT.
9. CLEAN THE AREA BENEATH THE GLAND RING, BEING CAREFUL NOT TO LET SAND OR OTHER MATERIAL FALL INTO THE THREADED HOLES, INTO WHICH THE GLAND RING SCREWS FIT. MAKE SURE THAT THE UPPER SURFACE OF THE BEARING ASS'Y IS CLEAN. RE-TORQUE THE UPPER BEARING BOLTS.
10. REMOVE THE V-SEAL FROM THE STUFFING BOX.
11. CLEAN THE STUFFING BOX THOROUGHLY AND THAN LUBRICATE IT WITH THE SAME HYDRAULIC LIQUID USED FOR THE LIFT.
12. APPLY A LIGHT FILM OF RUBBER GREASE TO THE NEW THE V-SEAL.
13. INSTALL THE V-SEAL INTO THE STUFFING BOX.

MAKE SURE THAT THE PART NUMBER ON THE V-SEAL IS FACING UPWARD

14. REMOVE THE OLD WIPER (SCRAPER) , IF SO DESIRED, FROM THE GLAND RING.

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	TITLE PACKING AND WIPER REPLACEMENT			
	DRAWN E.N..	11.06.03	SIZE A	SCALE (1=1) SHEET 2 OF 3
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15. CLEAN THOROUGHLY THE GLAND RING AND REINSTALL A NEW WIPER, MAKE SURE THAT THE WIPER IS WELL LUBRICATED.
16. REINSTALL THE GLAND RING, TIGHTENING ALL THE 3/8" CAP SCREWS. FINGER TIGHT, THEN TIGHTEN THEM EQUALLY AND SNUG. CHECK WIPER FOR FIT.
17. IN THE "DIRECT" TYPE, INSERT THE END OF BLOW GUN INTO THE AIR-INLET HOLE OF THE PISTON, IN ORDER TO RAISE THE PISTON ABOUT 2 FEET ABOVE GROUND.
- 17a. REINSTALL THE SUPERSTRUCTURE AND REASSEMBLE THE AIR-VALVE ASSEMBLY AND MOUNTING BRACKET.
- 17b. IN THE "R/C" TYPE, CLOSE THE BLEED VALVE AND REINSTALL THE SUPERSTRUCTURE, EITHER IN LOWER OR UPPER (extended) POSITION.
18. PERFORM BLEEDING AND TOP-OFF OPERATIONS, PER INSTRUCTIONS, AS SPECIFIED IN "BESTWAY" DWG. NO.: 371

IMPORTANT NOTE !!

NEVER USE POWER AIR-TOOLS, TO FASTEN OR REMOVE ANY SCREWS ON THE LIFT !!

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	TITLE PACKING AND WIPER REPLACEMENT			
	DRAWN E.N..	11.06.03	SIZE A	SCALE (1=1) SHEET 3 OF 3
CHECKED		DRAWING NO. 499		
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