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Barient 10P

Manual Winch

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Winch Service Manual for Barient No. 10P



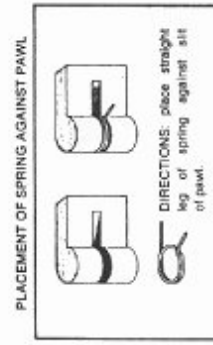
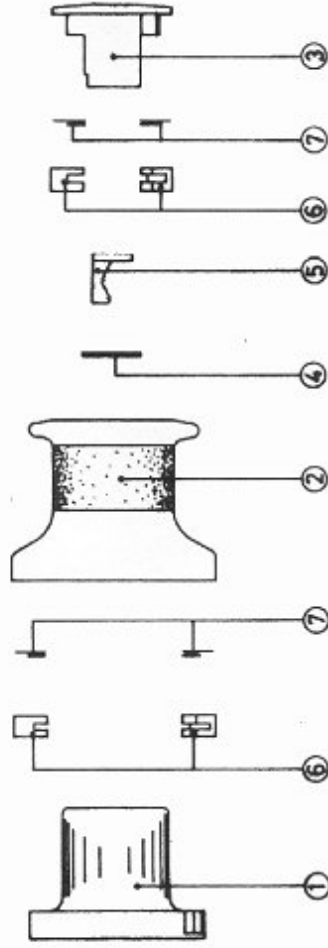
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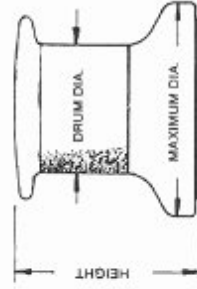
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MAINTENANCE & SERVICE INFORMATION

MODEL 10P 1-SPEED WINCH



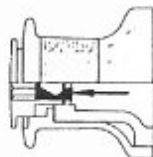
GEAR RATIO	1st	2nd
POWER RATIO	1:1	—
DRUM DIA.	66mm	2 3/8"
MAXIMUM DIA.	111mm	4 3/8"
HEIGHT	95mm	3 3/4"



MODEL 10P

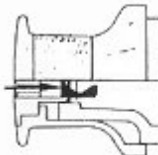


Item	Part No.	Description	Qty
1	16-302	Base — Plastic	1
2	10-404A	Drum — Aluminium	1
Alt.	10-404C	Drum — Chrome	1
Alt.	10-404B	Drum — Bronze	1
3	10-405P-C	Top Cap — Chrome	1
Alt.	10-405P-B	Top Cap — Bronze	1
4	01-328	Retaining Clip	1
5	01-329	Release Plunger — Barlock	1
6	01-400	Ratchet Pawl	4
7	01-300	Spring	4



MOUNTING INSTRUCTIONS

1. Depress Barlock (release plunger) (5) inside base (1) until top cap (3) is released.
Remove base (1) out of drum (2).
2. Bolt base (1) to flat and smooth surface drilled to take five flat head bolts $\frac{1}{2}$ " (6 mm) dia. on 3.150" (80 mm) bolt circle dia. Use base (1) as a template. Apply only light coat of bedding (sealing) compound to seal the base to the deck DO NOT block the drain grooves.
3. Insert top cap (3) back into drum and place drum — top cap assy. on base. Push down and rotate until retaining clip is engaged.



TO LUBRICATE & DISASSEMBLE:

1. Depress Barlock (release plunger) (5) inside top cap and lift drum-top cap assy. off base (1).
2. Remove ratchet pawls (6) and springs (7) from top cap (3) and base (1). DO NOT remove retaining clip (4) and plunger (5) from top cap (3).
3. Clean all parts in petroleum solvent. Replace any parts showing damage or excessive wear. During the assembly procedure, all bearings should be liberally greased with Barient — Barlube. The pawls should be lubricated with machine oil only — NEVER grease the pawls and springs.
4. To assemble — reverse dismantling procedure and step 3 under "mounting instructions".

SELF ROPE HOLDING — TRIMMING:

A feature of this winch is its unique tailing and self rope holding ability under load. The winch may be used by one person only. To operate, utilize the full height of the drum barrel, using enough turns of rope until it jams underside of top flange of the drum (see fig. 1). As winding progresses, free the tail end of rope from underside of top flange. Do not allow the tail end to advance further than one turn.

TOOL REQUIRED: None

LUBRICANT: Non detergent Machine Oil (SAE 30); Barient Barlube.

INSPECTION & LUBRICATION:

Quarterly lubrication is recommended. Inspect more frequently in a racing season. Monthly cleaning and lubrication of the aluminium drum winches is advisable.

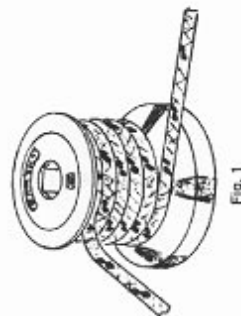


Fig. 1

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