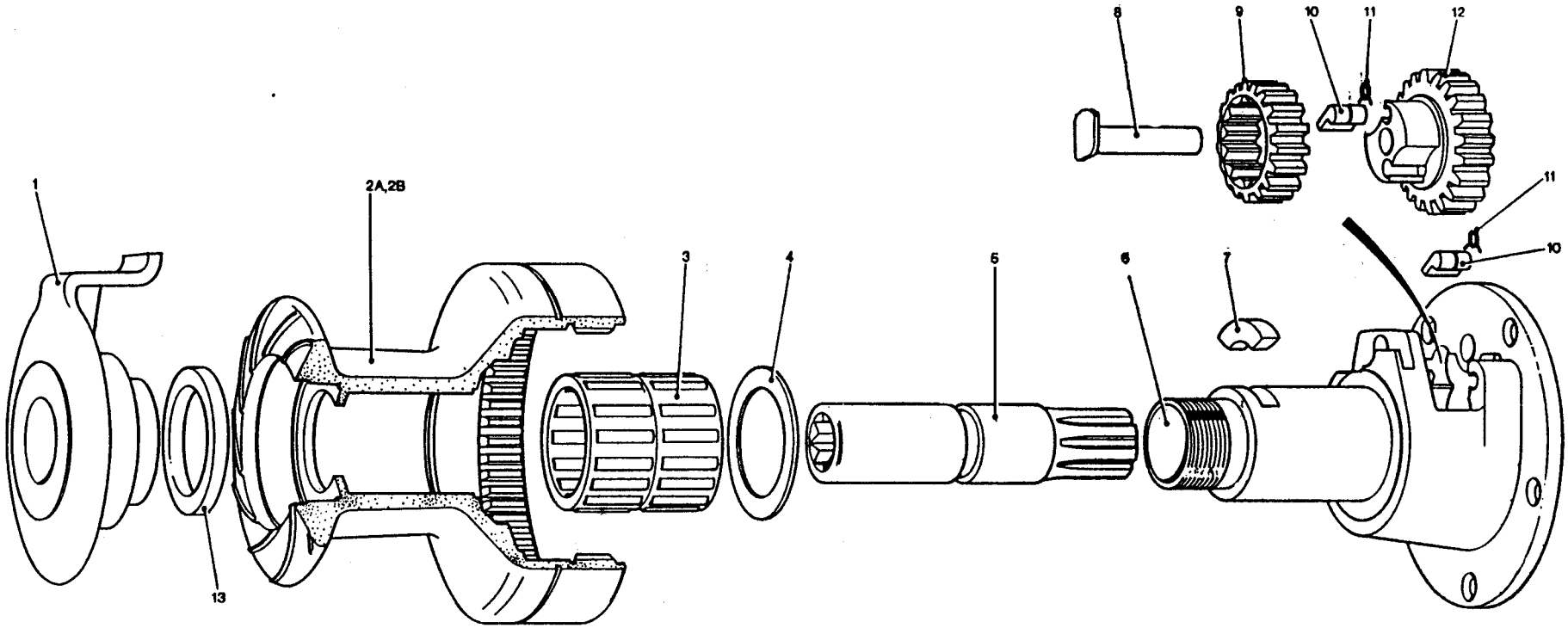

Maintenance No. 30 ST

A Using a soft mallet or wooden block and hammer, loosen top cap (1) with a firm tap in an anti-clockwise direction.

B Unscrew and remove top cap (1) from centre stem (6).

C Lift drum (2) from centre stem (6).

D Remove washer (13) from drum (2).

E Remove bearings (3) and washer (4) from centre stem (6).

F Extract key (7) from centre stem (6).

G Remove spindle (5) from centre stem (6).

H Remove ratchet gear assembly (9 & 12) from centre stem (6) by turning and lifting retaining spindle (8).

I Remove ratchet gear (9) from pawl gear (12).

J Clean thoroughly all parts using kerosene (paraffin) or white spirit. Dry with a non-fluffy cloth.

K Check that pawls and springs (10 & 11) in centre stem (6) are free and oil lightly.

L Check that pawls and springs (10 & 11) in pawl gear (12) are free and oil lightly.

M Replace ratchet gear (9) on pawl gear (12) ensuring that the recess on ratchet gear (9) fits over shoulder of pawl gear (12).

N Replace ratchet gear assembly (9 & 12) and retaining spindle (8). Turn and lock retaining spindle (8) in centre stem (6). Lightly grease output gear assembly (9 & 12).

O Lightly grease spindle (5) and replace in centre stem (6).

P Insert key (7) into centre stem (6) ensuring that key is located in groove of spindle (5).

Q Replace washer (4) and bearings (3) over centre stem (6) and lightly grease.

R Lightly grease drum gear teeth. Refit drum (2) over centre stem (6) and replace washer (13) over centre stem (6).

S Screw top cap (1) to centre stem (6). Tighten with a firm tap using a soft mallet or wooden block and hammer.

N.B. When stripping winch, note colour and position of washers (13 & 4) and replace in same order.

Spare Parts Kit
Model No 30 ST
Part No 19730600
Contents
1 x Key Pt No 15008005
4 x Spring Pt No 1260/7
4 x Pawl Pt No 1260/8
1 x Washer Pt No 15030007
1 x Washer Pt No 15030607

Parts list

Item Number	Part Number	Description	No. Off
* 1	15030604	Stripper Nut/ Top Cap *	1
	B2404	Helicoil	1
2A	15030402	Drum (Bronze)	1
2B	15030502	Drum (Aluminium)	1
3	15008007	Cage Assembly Bearing	2
4	15030007	Washer	1
5	15030603	Spindle	1
6	15030601	Centre Stem	1
7	15008005	Key	1
8	15030004	Idler Spindle	1
9	15030005	Ratcher Gear	1
10	1260/8	Pawl	4
11	1260/7	Pawl Spring	4
12	15030006	Pawl Gear	1
13	15030607	Washer	1

* Fixed Assembly