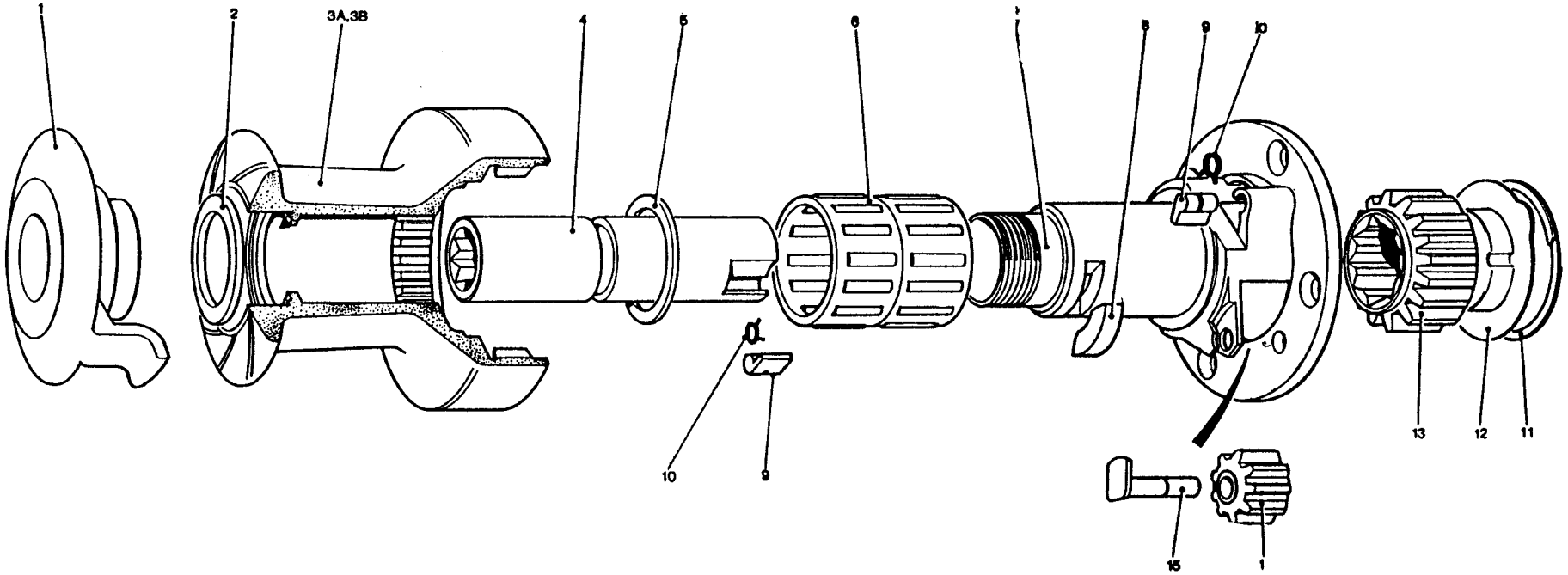

Maintenance No. 16 ST

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) (1) from centre stem (7).
C Lift drum (3) from centre stem (7).
D Remove washer (2) from drum (3) and washer (5) from centre stem (7).
E Remove bearings (6) from centre stem (7).
F Extract key (8) from centre stem (7).
G Remove spindle (4) from centre stem (7) by turning in a clockwise direction and lifting.
H Remove idler gear (14) from centre stem (7) by turning and lifting retaining spindle (15).
I Clean thoroughly all parts using kerosene (paraffin) or white spirit. Dry with a non-fluffy cloth.
J Lightly grease ratchet gear (13) in centre stem (7).
K Check that pawls and springs (9 & 10) in centre stem (7) are free and oil lightly.
L Replace idler gear (14) and retaining spindle (15). Lightly grease idler gear (14).
M Check that pawls and springs (9 & 10) in spindle (4) are free and oil lightly.
N Lightly grease spindle (4) and replace in centre stem (7) by turning in a clockwise direction.
O Insert key (8) into centre stem (7) ensuring that key is located in groove of spindle (4).
P Replace bearings (6) over centre stem (7) and lightly grease.
Q Replace washer (5) over centre stem (7).
R Lightly grease drum gear teeth. Refit drum (3) over centre stem (7) and replace washer (2) over centre stem (7).
S Screw top cap (1) to centre stem (7), 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 (2 & 5) and replace in same order.

If ratchet gear (13) is damaged:

T Remove drum (3) from winch as described above (A) to (C).
U Remove winch from boat and strip as described above (D) to (H).
V Release ratchet gear (13) from winch base by removing circlip (11 and retaining plate (12).
W Replace ratchet gear (13), retaining plate (12) and circlip (11).
X Clean and reassemble as above (I) to (S).

Spare Parts Kit
Model No 16 ST
Part No 19716600
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 15008004
1 x Washer Pt No 15016010

Parts list

Item Number	Part Number	Description	No. Off
1	15016604	Stripper Nut/ Top Cap	1
2	15016010	Washer	1
3A	15016402	Drum (Bronze)	1
3B	15016502	Drum (Alum)	1
4	15016603	Spindle	1
5	15008004	Washer	1
6	15008007	Cage Assembly Bearing	2
7	15016601	Centre Stem	1
8	15008005	Key	1
9	1260/8	Pawl	4
10	1260/7	Pawl Spring	4
11	B2085	Spirolox Circlip	1
12	15016007	Retaining Plate	1
13	15016016	Ratchet Gear	1
14	15016005	Idler Gear	1
15	15016004	Idler Spindle	1