



- Maintenance No. 42 ST
- A Release four allen screws (29) and remove top cap (1).
 - B Remove split collars (28).
 - C Lift off stripper arm (27).
 - D Remove flanged bush (26) off centre stem assembly (7).
 - E Lift drum assembly (6) off centre stem bearings (23), spacer (24) and washer (9).
 - G Remove key (8) from centre stem (7).
 - H Withdraw spindle (10) from centre stem (7).
 - I Release ratchet gear assemblies (20 & 21) (18 & 17) from centre stem (7) by removing retaining spindles (22 & 18).
 - J Remove drive gear (11) from retaining plate (12).
 - K Separate ratchet gear assembly (20 & 21).
 - L Separate ratchet gear assembly (18 & 17).
 - M Remove upper crown plate (3) by releasing three allen screws (2).
 - N Lift off stripper ring assembly (4 & 5 & 25).
 - O Clean thoroughly all parts

- using kerosene (paraffin) or white spirit. Dry with a non-fluffy cloth.
- P Replace stripper ring assembly (4 & 5 & 25) in drum (6).
- Q Replace upper crown plate (3) with three allen screws (2).
- R Check that pawls and springs (14 & 15) in pawl gear (21) are free and oil lightly.
- S Lightly grease inner surface of ratchet gear (20) and fit pawl gear (21).
- T Check that pawls and springs (14 & 15) in pawl gear (18) are free and oil lightly.
- U Lightly grease inner surface of ratchet gear (17) and fit pawl gear (16).
- V Lightly grease and replace drive gear (11) on retaining plate (12).
- W Lightly grease and replace spindle (10) in centre stem (7).
- X Fit key (8) in centre stem (7) ensuring it is located in groove on spindle (10).
- Y Replace ratchet gear assembly (18 & 17) in centre stem (7) retaining it with spindle (18).
- Z Check bush (19) in centre stem (7) and replace ratchet gear assembly (20 & 21) retaining it with spindle (22).
- A.1. Replace washer (9), bearings (23) and spacer (24) on centre stem (7).
- B.1. Lightly grease bearings and ratchet gear assemblies.
- C.1. Lightly grease drum gear teeth. Replace drum assembly (6) on centre stem assembly (7).
- D.1. Replace flanged bush (26) in upper crown plate (3).
- E.1. Fit stripper arm (27) checking it is correctly located for rope lead and properly positioned on stripper ring (5).
- F.1. Refit split collars (28).
- G.1. Replace top cap (1), fasten with four allen screws (24).

NOTE If retaining plate (12) has to be replaced, remove winch from boat and release circlip (13).

Parts list

Item Number	Part Number	Description	No. Off
1	15042807	Top Cap	1
2	80721	Socket Head Cap Screw "K" x 20 UNC x 1" long	3
3	15042804	Upper Crown Plate	1
4	15042841	Stripper Ring	2
5	15042808	Stripper Ring Insert	1
6A	15042402	Drum (Bronze)	1
6B	15042802	Drum (Alum)	1
7	15042801	Centre Stem	1
8	15010005	Key	1
9	15042010	Washer	1
10	15042803	Spindle	1
11	15042009	Gear	1
12	15018007	Retaining Plate	1
13	B2085	Circlip, Splintox	1
14	128078	Pawl Spring	4
15	128078	Pawl	4
16	15042008	Pawl Gear	1
17	15030005	Ratchet Gear	1

18	15042005	Gear Spindle	1
19	15042011	Retaining Bush	1
20	15042006	Ratchet Gear	1
21	15042007	Pawl Gear	1
22	15042004	Gear Spindle	1
23	15010007	Cap Assembly	2
24	15042012	Bearing	2
25	15042810	Spacer	1
26	15042809	Flanged Bush	1
27	15042805	Stripper Arm	1
28	15042808	Split Collar	2
29	80733	Socket Head Cap Screw "K" x 20 UNC x 3/8" long	4

Spare Parts Kit
Model No 42 ST
Part No 19742100
Contents
1 x Key Part No 15010005
4 x Spring Pt No 128078
4 x Pawl Pt No 128078
1 x Washer Pt No 15042010
1 x Circlip Pt No B2075