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630-227

SERVICING INSTRUCTIONS FOR 833 SERIES CAST BODY PADLOCK

DISASSEMBLY

1. Insert the "Control Key" and rotate $\frac{1}{4}$ of a turn counterclockwise.
2. Lift shackle and rotate $\frac{1}{2}$ of a turn.
3. Slide the upper case and lower case apart. Set the upper case aside. (See Fig. 1)
4. Rotate the key back to the locked position and remove.
5. Covering the top of the lower case, rotate the case upside down and remove the cylinder, key cap and cam.

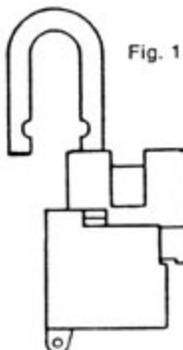


Fig. 1

CLEANING & LUBRICATION

1. Clean all surfaces with mineral spirits or a compatible cleaning solvent.

WARNING: When using cleaning solvents, use in well ventilated area.

2. Prior to reassembly, the upper case assembly must be lubricated using lubrication per Military Standard MIL-G21164. (See Fig. 2)



Fig. 2

ASSEMBLY

1. Place the key cap over the end of the cylinder. Align the flat of the key cap to the flat of the cylinder. (See Fig.3)

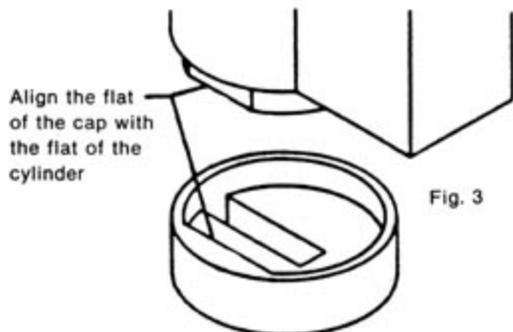


Fig. 3

2. With the lower case upside down insert the key cap and the cylinder into the lower case. (See Fig. 4)

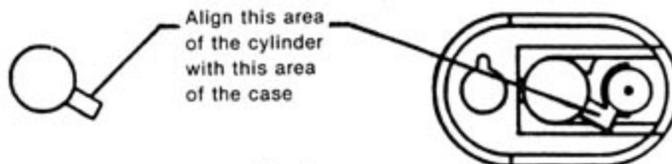


Fig. 4

3. Turn the lower case right side up and apply downward pressure on the cylinder. Insert the "control" key and rotate it $\frac{1}{4}$ turn counterclockwise. The key should remain in the lock at this time.

4. Place the cam on top of the cylinder.
Note: Make sure the cam is aligned as shown in figure 5 after installation.

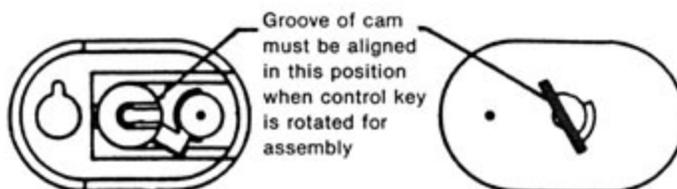


Fig. 5

5. Slide the upper case assembly back on to the lower case. (See Fig. 1)

6. Rotate the shackle back and insert it into the shackle hole, turn the key $\frac{1}{4}$ turn clockwise and remove the key.

OPERATIONS CHECK

Note: It is recommended that the lock be operated several times to insure that it is working properly.

- 1) Insert the operator key and rotate $\frac{1}{4}$ turn clockwise.
- 2) Lift the shackle and rotate $\frac{1}{2}$ turn.

- 3) Insure the upper and lower case will not slide apart.
Note: If the upper and lower case slide apart then the "control" key was turned clockwise instead of counterclockwise during assembly.

Re-insert the "control" key, turn it $\frac{1}{4}$ turn counterclockwise while maintaining pressure on the cam and lock cylinder to keep them in place in the case. Make sure the cam is aligned as indicated in Step 4 of the Assembly section. Then continue with the Assembly instructions (Steps 5 and 6). Repeat the Operations Check.