



REWIND STARTER ASSEMBLY

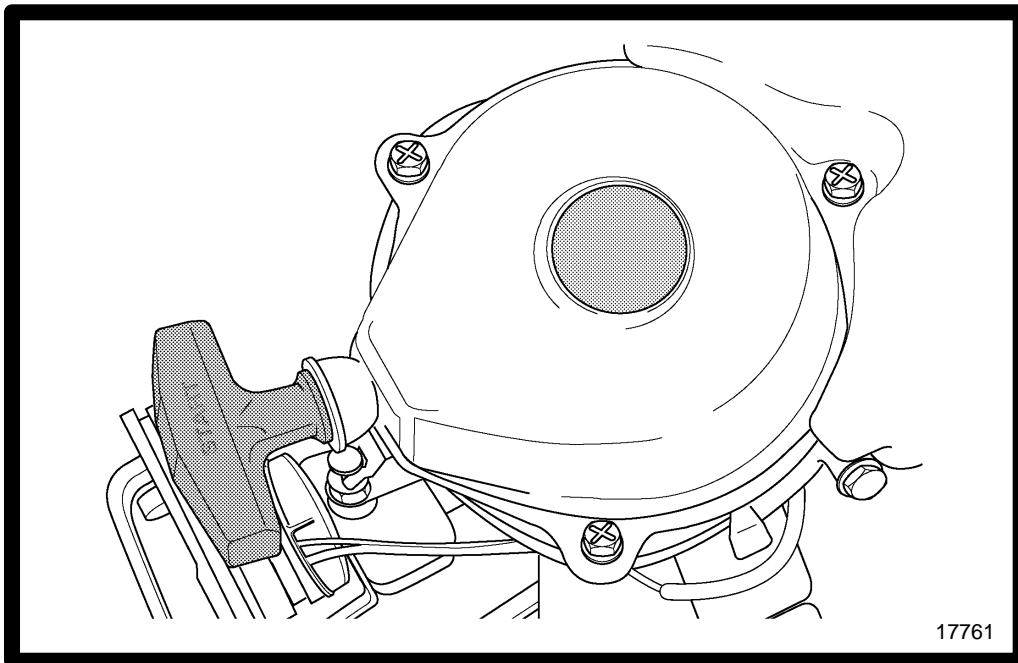




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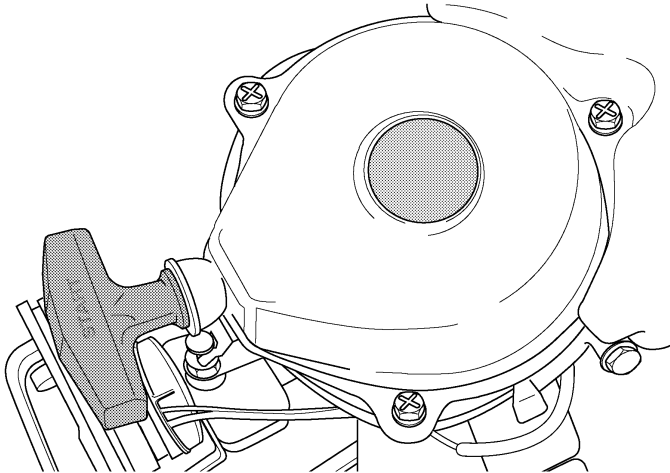
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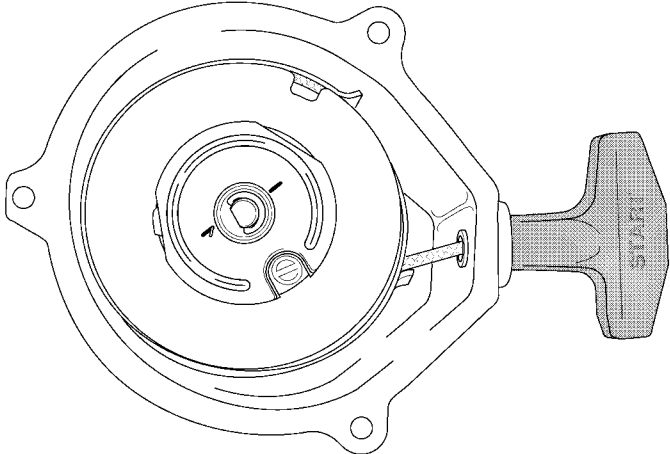
Rewind Starter Assembly

NOTE: Disassembly and Reassembly Instructions Apply to All Models – 2.2/2.5/3.0/3.3

Mercury 2.2

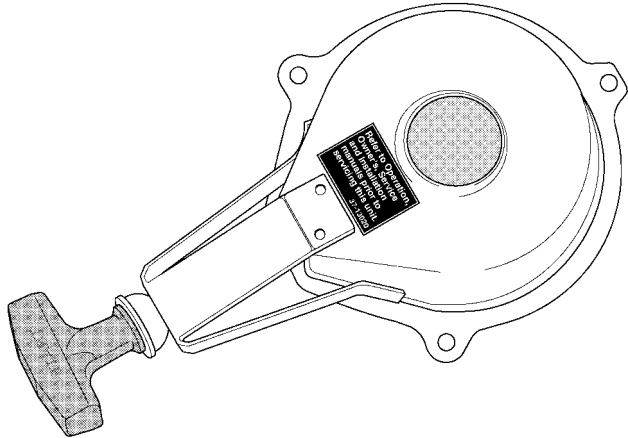


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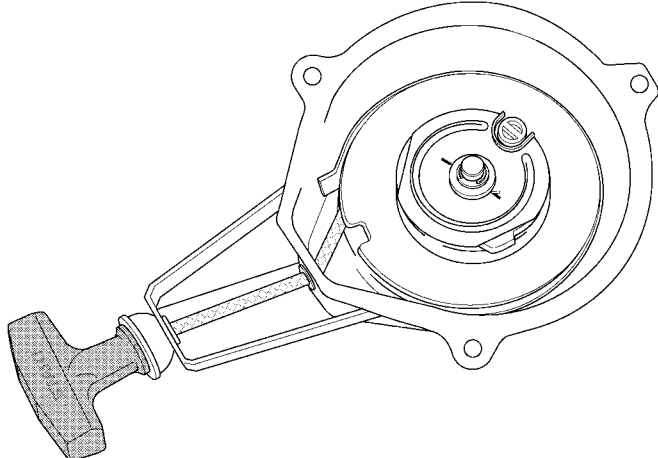


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Mariner/Mercury – 2.5/3.0/3.3



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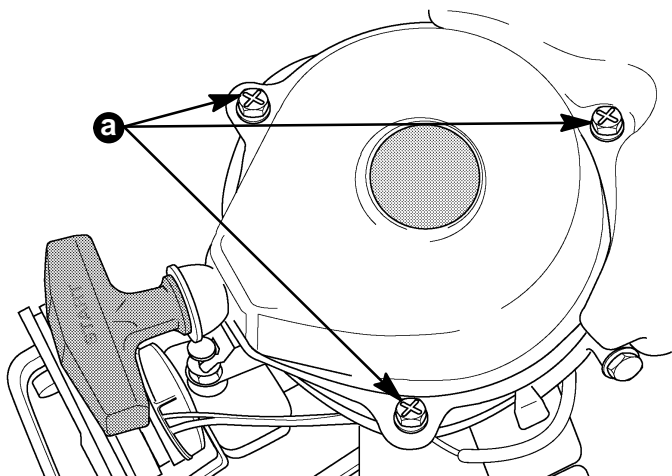


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Disassembly

1. Remove 3 bolts that secure rewind starter to engine.



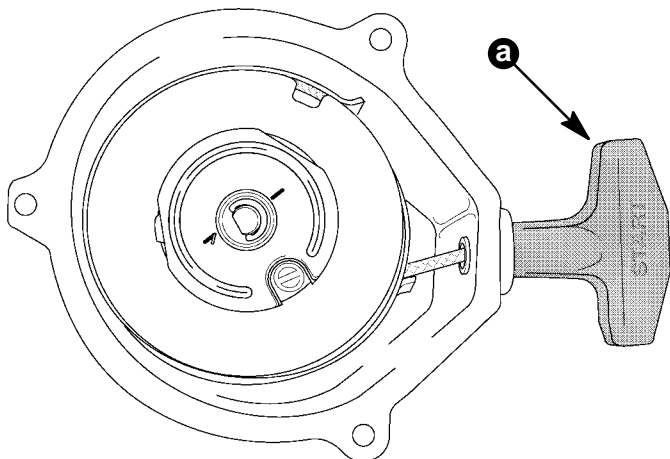
a - Bolts (3)

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⚠ WARNING

When disassembling rewind starter, **SAFETY GLASSES** must be worn in case rewind spring uncoils out of housing.

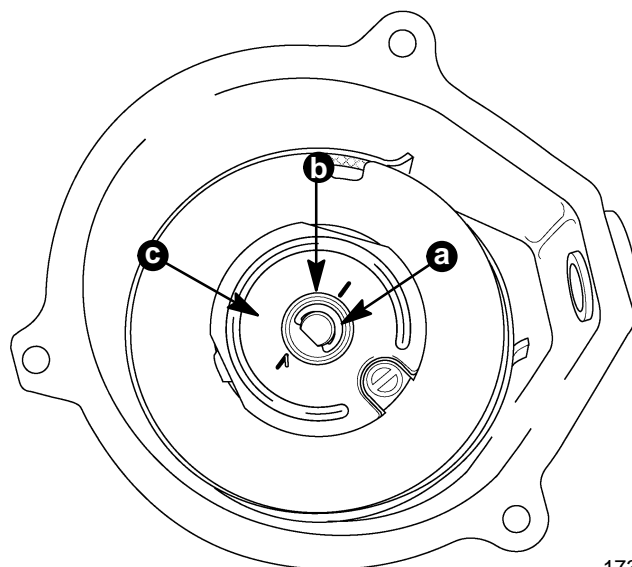
2. Untie knot in end of starter rope and remove starter handle. Hold sheave and allow rope to slowly retract into starter housing, thus relaxing rewind spring tension.



a - Handle

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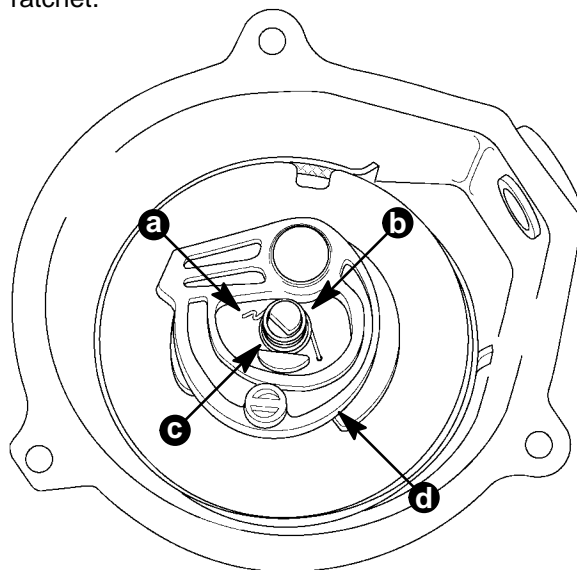
3. Remove retaining clip, spacer and friction plate.



a - Retaining Clip
b - Spacer
c - Friction Plate

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4. Remove return spring, spring cover, friction spring and ratchet.

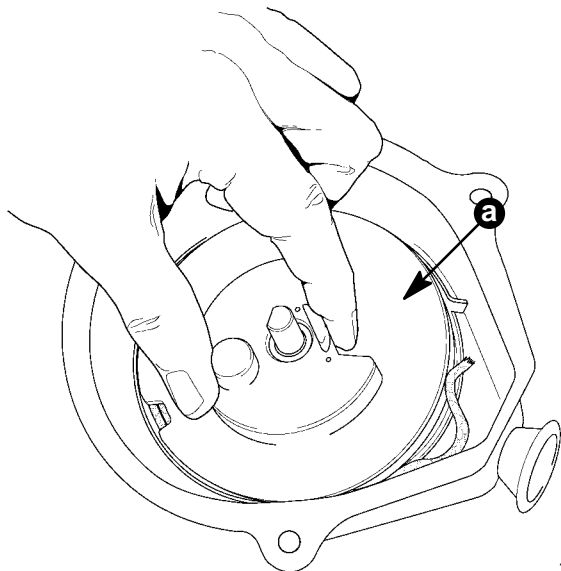


a - Return Spring
b - Spring Cover
c - Friction Spring
d - Ratchet

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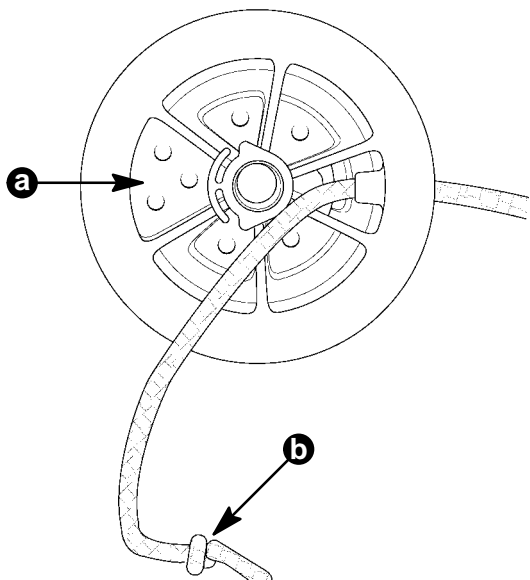
5. Carefully lift sheave up approximately 1/2 in. (12.7mm) and rotate sheave back and forth until rewind spring disengages from bottom of sheave.



a - Sheave

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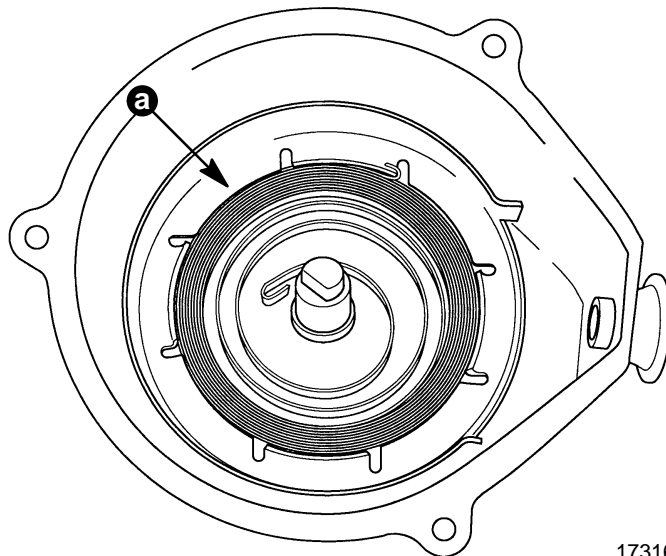
6. Lift sheave from rewind housing. Remove starter rope from sheave by untying knot.



a - Sheave
b - Knot

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7. If necessary, remove rewind spring by holding rewind housing (spring facing down) on the floor and gently tap on the top of the housing. The rewind spring will fall from the confines of the spring brackets and unwind within the rewind housing.



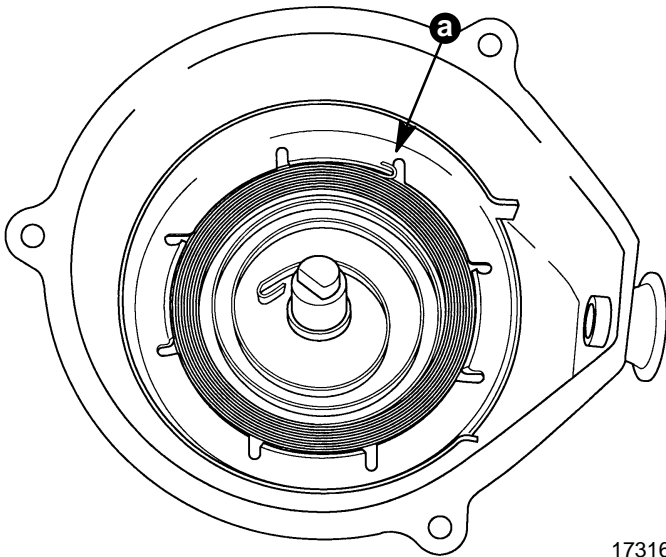
a - Rewind Spring

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Reassembly

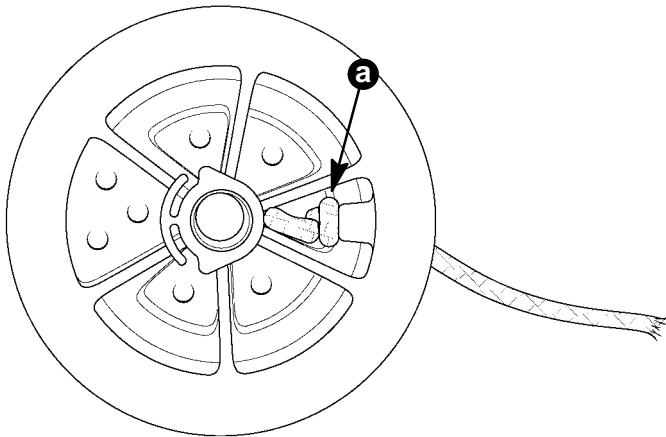
1. Apply Quicksilver 2-4-C Marine Lubricant to inside re-wind spring surface of the starter housing.
2. Hook end of spring over catch and coil rewind spring in starter housing.



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a - Catch

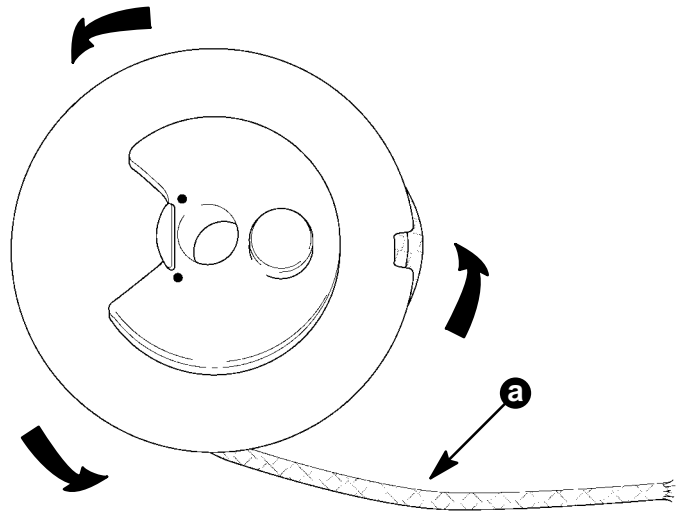
3. Tie a knot in starter rope and pass rope through hole in sheave.
4. Push knot and end of rope into recess.



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a - Knot

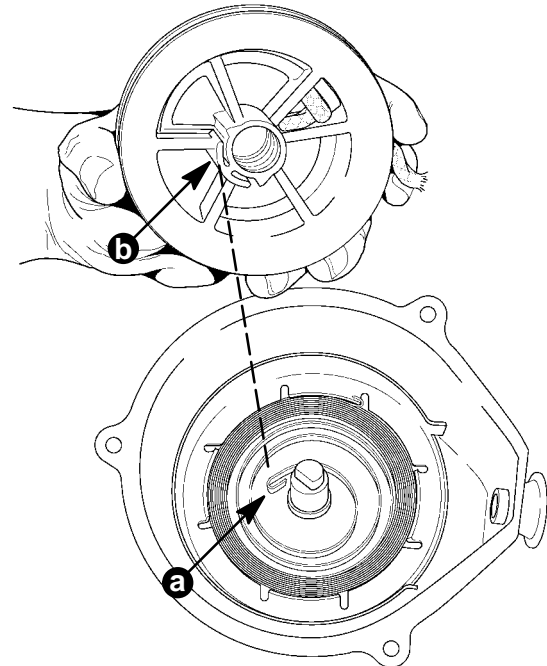
5. Wind starter rope counterclockwise on sheave.



17321

a - Starter Rope

6. Apply a thin coat of 2-4-C Marine Lubricant to outer surface of rewind spring.
7. Install sheave into rewind housing. The inner spring hook must catch into slot of the sheave.

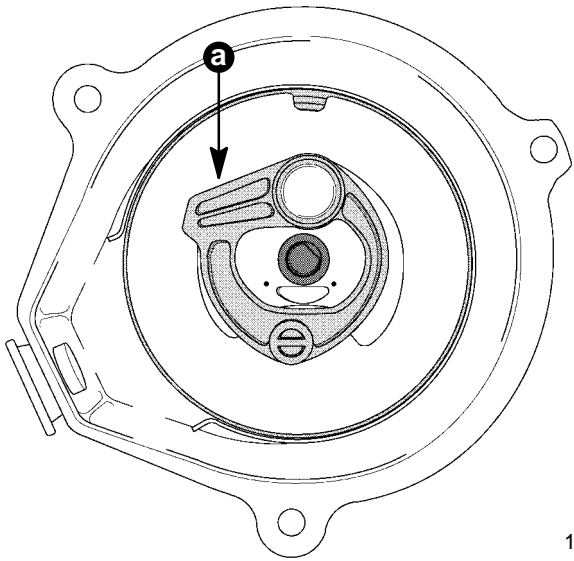


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a - Spring Hook
b - Slot



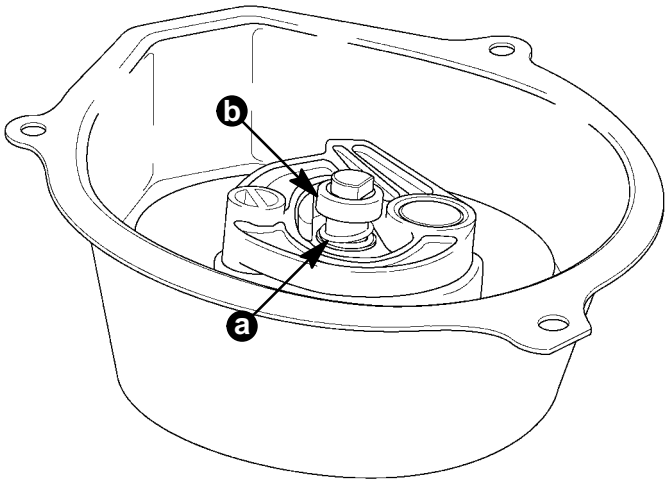
8. Place ratchet on sheave in direction shown.



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a - Ratchet

9. Place spring and cap on center shaft.

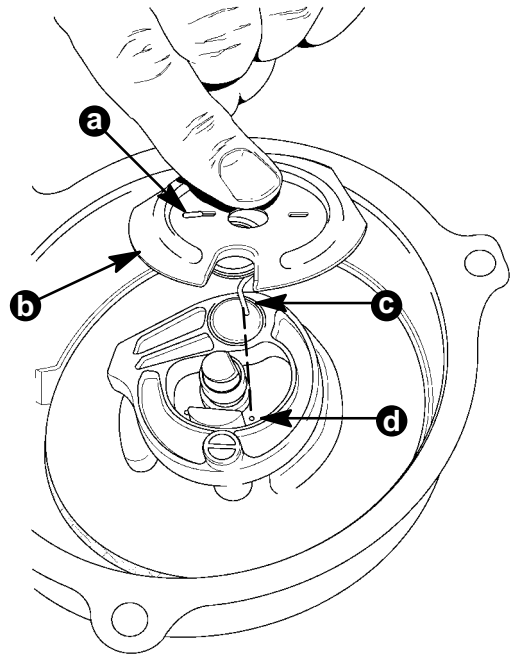


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a - Spring
b - Cap

10. Hook end of return spring in slot of friction plate in direction shown.

11. Insert other end of return spring into hole and install spring and friction plate together over center shaft.

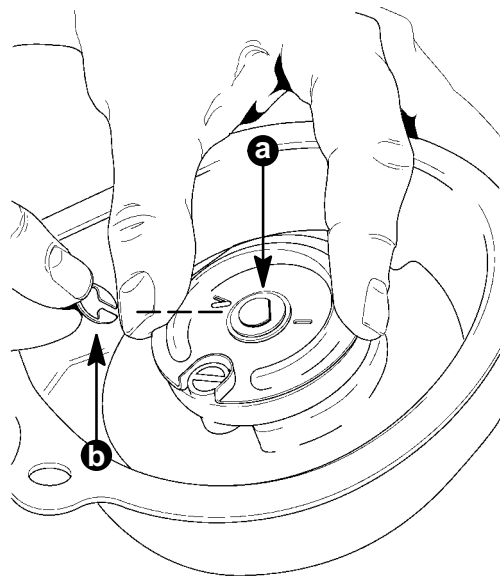


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a - Return Spring
b - Friction Plate
c - Return Spring
d - Hole

12. Place spacer over center shaft.

13. Install "E" clip into groove.

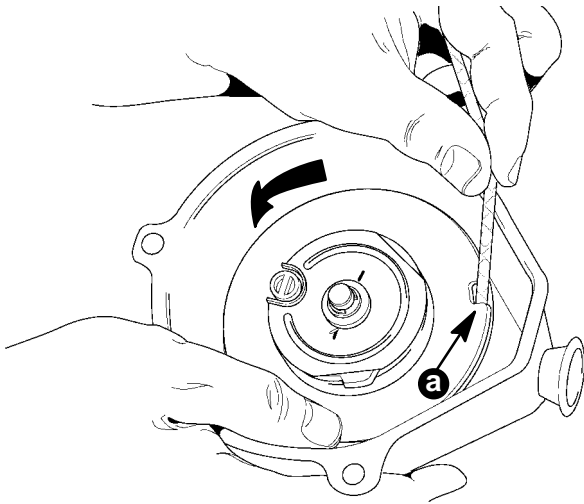


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a - Spacer
b - "E" Clip



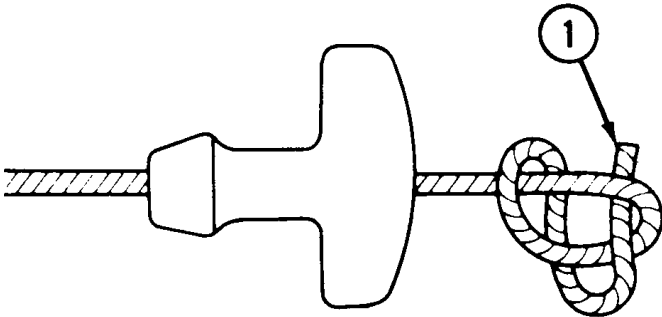
14. Apply rewind spring tension to sheave by placing starter rope in notch and turning sheave 3 turns counter-clockwise from its relaxed position.



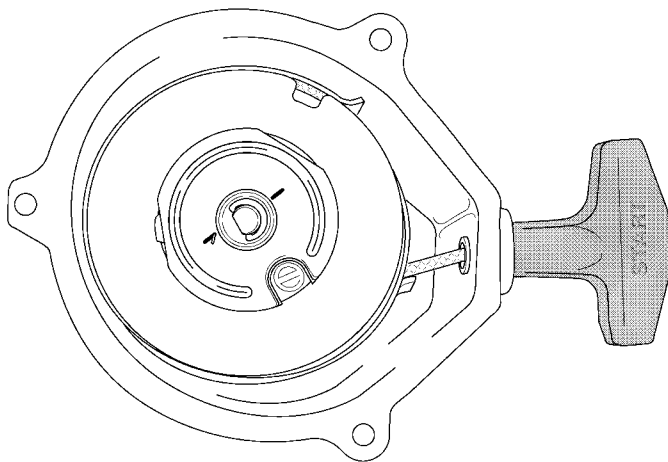
17329

a - Notch

15. Route starter rope through rope guide in starter housing and handle and tie a knot in rope.

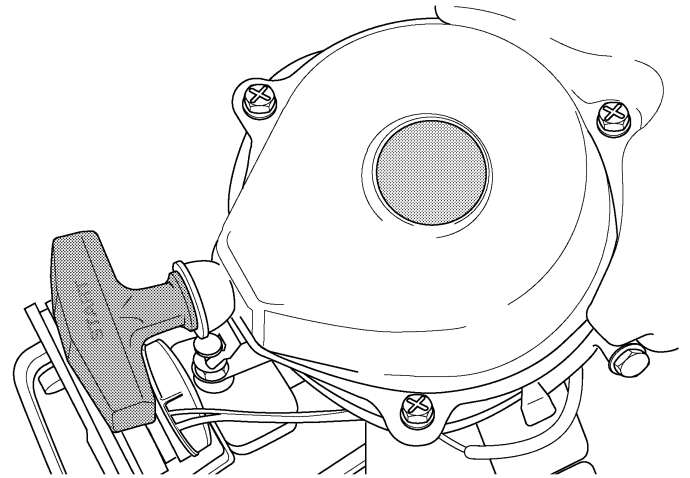


1 - Leave a Reserve Length of 1/4 in. to 1/2 in. (6.3mm to 12.7mm) at rope end



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16. Reinstall rewind housing on engine.



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