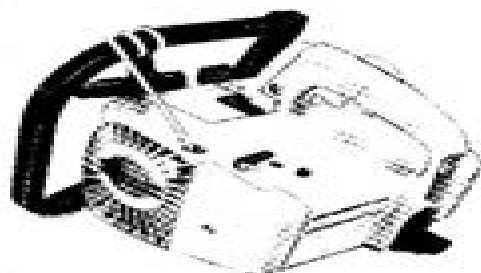


Disassembly

Starter rope coiled around handle frame

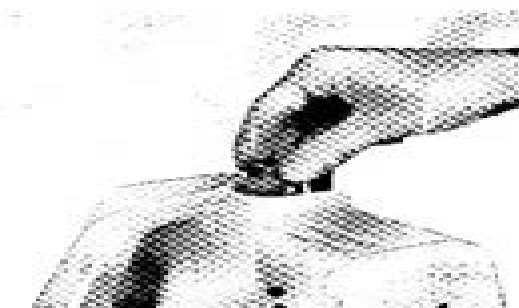


A fouled or improperly operating clutch as well as a worn chain sprocket must be disassembled and repaired respectively replaced.

For disassembly first take off chain sprocket cover and cutting attachment. Carefully pull off spark plug terminal and screw out spark plug. Thereafter pull out starter rope and wind it three to four times around the handle frame. This prevents possible breakage of the starter rope when reinstalling the clutch.

Now insert locking screw into spark plug thread by hand until its snug seat to lock the crankshaft. Then unscrew clutch with combination wrench (SW 13) from the crankshaft.

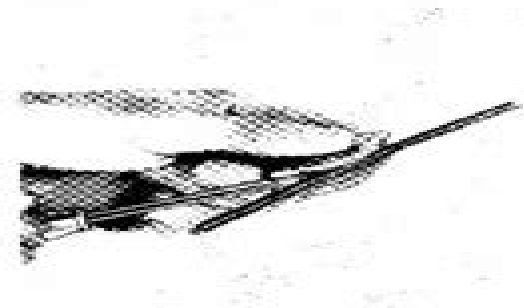
Note! Clutch carrier has left hand thread! Therefore unscrewing is done in clockwise direction.

Top:
Inserting locking screwBottom:
Loosening the clutch

For proper guidance of the clutch shoes a washer is positioned behind the clutch. It has to be installed in such a way that it rests with its indented side against the carrier. Washer, chain sprocket and needle cage can now be taken from the crankshaft.

Repair

Prying off worn spring

**Clutch:**

Pull off clutch shoes from carrier and unhook springs at the lugs. If spring stays hooked in the toothed profile of the clutch shoes do not try to pull it out by force. Take a small screw driver and pry out spring carefully of the tooth profile. Damaged parts of the clutch and worn clutch shoes have to be replaced. Don't replace a single clutch shoe, always use a **complete set**. To mount a new clutch spring position clutch shoes symmetrically one facing the other. Hook clutch spring together at its ends and press it onto the clutch shoes.

The mounting groove for the clutch spring in the clutch shoes is provided in its center with a tooth profile which prevents the clutch spring from twisting. When pressing on the clutch spring take care that the spring lugs always rest in the middle of the tooth profile of each clutch

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