



2620 SERIES FLEX DRIVE SHAFT KIT INSTALLATION INSTRUCTIONS

P/N 90206 FOR SRM-2620
P/N 90207 FOR SRM-2620T

Kit 90206 and 90207 includes:

Part Number	Description	Qty
A556001760	Clutch Drum	1
61092255931	Main Pipe Fixture	1
90070100012	Drum Retaining Ring	1
C506000470	Flexible Drive Cable	1
P021051520	Gear Case Assy (90206 1.62 Sq Drive)	1
P021051360	Gear Case Assy (90207 2.07 Sq Drive)	1

Tools Required:

- External Snap Ring Pliers w/.053 Tip
- Cupped Pliers
- Flat-Blade Screwdriver
- 10mm Wrench
- T27 Torx Driver
- Soft Mallet
- W-D 40
- Press
- Rubbing Alcohol

DISASSEMBLY

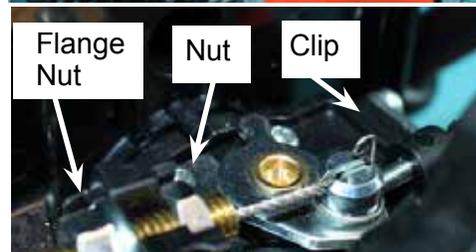
1. Remove Spark Plug, and Air Filter Cover. Remove bottom and side Muffler Cover mount screws using a T27 torx driver. Remove Muffler Cover by rotating up to disengage from Engine Cover hinge.



2. Remove Clip holding Throttle Cable on carburetor Swivel. Rotate carburetor rotor to disengage Throttle Cable end from Swivel.

Note: Clip must be reused, do not deform original shape.

Use 10mm open end wrench to loosen Flange Nut holding Throttle Cable and remove cable from carburetor bracket.



3. Remove (2) Engine Cover T27 screws: rear center, and top left with torx driver. Remove Engine Cover.



4. Loosen T27 Main Pipe Holder screw and remove Cable Clip.



5. Disconnect two (2) Ignition Leads between the Control Handle and engine, then slide engine off Main Pipe assembly.



6. Remove two (2) bottom T27 Fan Cover Protector screws, and one (1) drive housing clamping screw. Remove orange outer Fan Cover Protector. Remove ignition wires from gray Fan Cover.



7. Remove upper right and upper left T27 screws from gray Fan Cover and remove Fan Cover from engine.



8. Remove Main Pipe Holder retaining ring using external snap ring pliers.



9. Spray WD-40 around top of rubber anti-vibe mount. Use a flat head screwdriver and carefully pry the rubber away from the Fan Cover wall, allowing the WD-40 to penetrate and loosen the seal between the rubber and Fan Cover.



10. Use a flat blade screwdriver to gently pry the Main Pipe Holder from the Fan Cover.



NOTE: DO NOT USE EXCESSIVE FORCE otherwise the holder and Fan Cover may be damaged.

11. Use cupped pliers to complete removal of the Main Pipe Holder from the Fan Cover.



12. Remove the Clutch Drum Snap Ring using external snap ring pliers equipped with .053 tip.



13. Press Clutch Drum from Fan Cover. The press tool diameter should be no more than 11mm or (7/16 inch) in order to clear inner bearing ID.

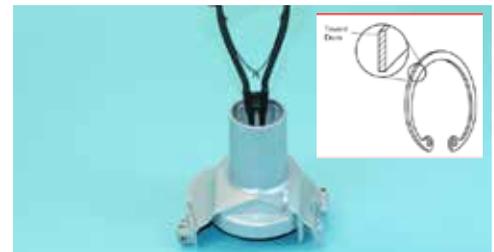
Note: The Clutch Drum shaft fits tightly in the Fan Cover bearings requiring a high press load to push the shaft through the bearings. Support the Fan Cover so it does not rest on the cover Locating Pins. WEAR SAFETY GLASSES WHEN USING A PRESS.



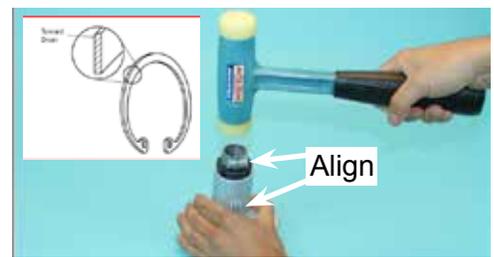
ASSEMBLY

14. Press the replacement Clutch Drum into Fan Cover until drum bottoms in the bearings. Prevent drum distortion by pressing only on the center of drum.

15. Install 12mm Snap Ring (provided in kit) on Clutch Drum shaft. The square edge of the Snap Ring should face toward the Clutch Drum.



16. Apply rubbing alcohol on rubber surface of Main Pipe Holder as a lubricant. Align drive shaft clamp with ignition wire holders then push mount into Fan Cover by hand. Seat Main Pipe Holder by tapping with a soft mallet. Install 42mm Snap Ring with the square edge toward Clutch Drum.



17. Install Fan Cover on crankcase with two (2) T27 screws. Tighten top two (2) screws to 50-70 kgf*cm (45-60 in*lbs).



18. Install engine Ignition Leads into protective slots.



19. Install orange Fan Cover Protector over Fan Cover. Tighten bottom two (2) T27 screws to 50-70 kgf*cm (45-60 in*lbs.).



20. Install Engine Cover with two (2) T27 screws using torx driver: rear center, and top left.

21. Attach Muffler Cover to Engine Cover hinge then rotate cover down. Secure with two (2) T27 screws at bottom and side mounts. Tighten to 25-46 kgf*cm (22-40 in*lbs). Install Spark Plug and tighten to 100-150 kgf*cm; (87-130 in*lbs).

22. Remove splined Driveshaft from Main Pipe.

23. Remove Gear Case locating screw and loosen Gear Case clamp screw. Remove Gear Case from Main Pipe.

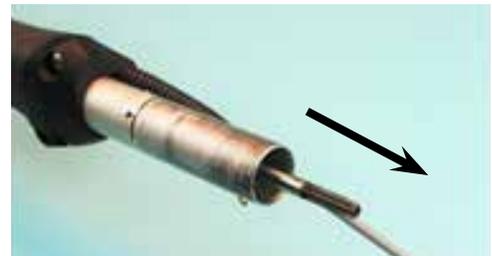
24. Remove Trimmer Head, Adapter Plate, and three (3) screws securing Debris Shield to Gear Case.

25. Install Debris Shield onto new Gear Case and tighten three (3) mount screws. Install Adapter Plate and Trimmer Head.

Note: Gear Case in kit 90206 with 1.62 ratio square drive should be installed on SRM-2620 trimmer. Gear Case in kit 90207 with 2.07 ratio square drive should be installed on SRM-2620T trimmer.

26. Slide new Gear Case assembly onto Main Pipe and align Gear Case locating hole with locating hole in Main Pipe. Install and tighten locating screw. Tighten Gear Case clamping screw.

27. Lightly coat the Flexible Driveshaft with ECHO PowerBlendX or lithium grease then install Driveshaft into Main Pipe. Driveshaft end should engage with the square drive input shaft of the Gear Case.



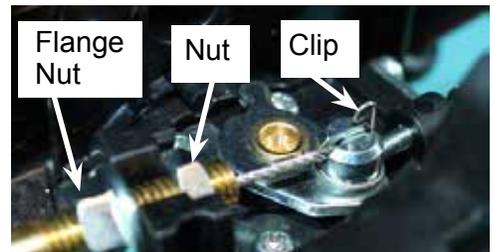
28. Connect the two (2) Ignition Leads between the Control Handle and engine then slide engine onto Main Pipe assembly.



29. Position Cable Clip under Main Pipe then over Throttle Cable and Ignitions Leads. Slide clip tangs under T27 screw head then tighten Main Pipe clamping screw.



30. Install Throttle Cable end into carburetor Swivel. Install Clip in groove of Swivel to prevent cable end from coming out. Finger tighten Flange Nut.



31. The engine must always return to idle when Throttle Trigger is released. Adjust the Throttle Cable to allow .4mm to .6mm of trigger free play at idle position. Make Throttle Cable adjustments by turning the Nut on the cable threads either clockwise or counterclockwise. Check that carburetor rotor moves smoothly from idle to wide open throttle and back to idle. Tighten Flange Nut when adjustment is complete.



32. Start engine, and accelerate slowly to verify Flexible Driveshaft engagement.

Flex cable conversion is complete.

ECHO CONSUMER PRODUCT SUPPORT: If you require assistance or have questions concerning the application, operation or maintenance of this product you may call the ECHO Consumer Product Support Department at 1-800-673-1558 from 8:30 am to 4:30 pm (Central Standard Time) Monday through Friday. Before calling, please know the model and serial number of your unit to help your Consumer Product Support Representative.

REPLACEMENT MANUALS: Operator's, Parts, and Safety Manuals may be obtained from ECHO, or may be downloaded free from ECHO's website. Make sure you know the model number and serial number of your unit so you can obtain the correct manual.



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