



SPEED-FEED® 500 TRIMMER HEAD

INSTRUCTION SHEET P/N 99944200950

SAFETY

Safety Symbols and Important Information

Throughout the instructions, you will find safety alerts and helpful, informational messages preceded by symbols or key words. The following is an explanation of those symbols and key words and what they mean to you.

CAUTION

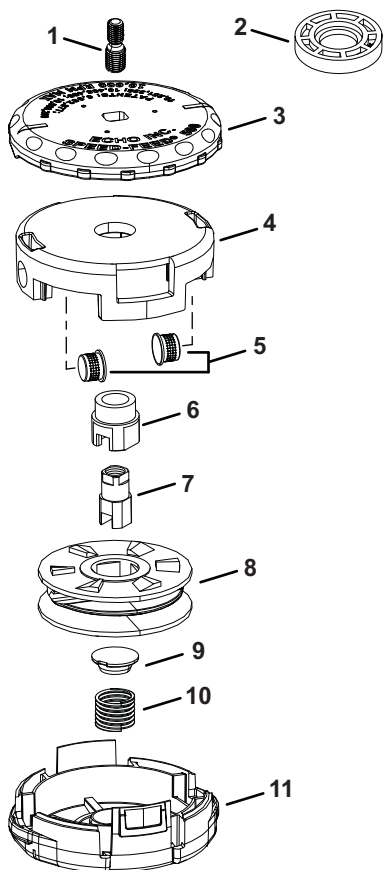
The safety alert symbol accompanied by the word "CAUTION" calls attention to an act or condition which might lead to minor or moderate personal injury if not avoided.

NOTICE

The enclosed message provides information necessary for the protection of the unit.

Note: This enclosed message provides tips for use, care and maintenance of the unit.

CONTENTS / DESCRIPTION



NO.	QTY.	DESCRIPTION
1	1	Stud M7 x 1.00 / M10 x 1.25, LH, Gold
	1	Stud M8 / M10 x 1.25, LH, Silver
2	1	Spacer, Black
3	1	Knob
4	1	Spool Housing Assembly
5	2	Eyelet
6	1	Hub, Spool
7	1	Bushing 10 mm x 1.25, LH, Gold, ECHO OEM
	1	Bushing 10 mm x 1.00, LH, Silver
	1	Bushing 10 mm x 1.00, LH, Green
	1	Bushing 8 mm x 1.25, LH, Red
8	1	Line Spool
9	1	Spring Retaining Cap
10	1	Spring
11	1	Spool Housing Cover

LH = Left-hand thread, RH = Right-hand thread

ECHO UNITS

CAUTION

The unit must be equipped with a debris shield and a line cutter that will cut line to length when the trimmer line is advanced or personal injury may result. Stop installation if the unit does not meet these requirements.

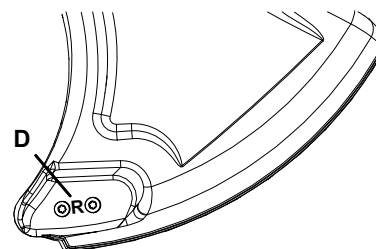
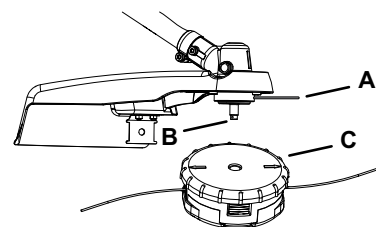
1. Insert a small screwdriver (A) into the gear case to lock output shaft (B).

Note: Locking tool insertion point may vary.

2. Remove existing cutting attachment (C) from the unit by turning the line head counterclockwise (as viewed from the top).

Note: If the unit uses a spacer between the base plate and line head, this spacer must be used with the Speed-Feed® 500 trimmer head.

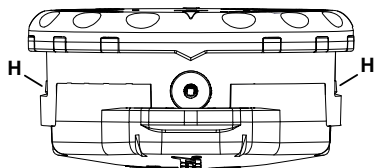
If there is an "R" mark (D) on the debris shield, perform steps 6-8. Otherwise, perform steps 3-8.



NOTICE

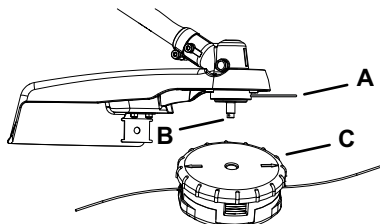
Do not force the assembly process. Forcing the assembly process can cause the threads to strip and result in permanent damage.

- Units without "R" mark – Remove gold short bushing (7) from ECHO line head and replace with silver long bushing (7) and install spacer (2) between the base plate and line head.
- Push locking tabs (H), and open the trimmer head to install new bushing.



- Reassemble the trimmer head in reverse order of disassembly. The trimmer head halves will snap together tightly only when all parts are properly aligned and assembled.

- Insert a small screwdriver (A) into the gear case to lock output shaft (B). Thread Speed-Feed® 500 trimmer head (C) clockwise (as viewed from top) onto the mounting stud output shaft (B). Hand-tighten only.



- Remove the locking tool (A).

Note: If your unit uses a spacer, there should be no gap between the spacer and line head after tightening.

- Cut the trimmer lines so the length does not extend beyond the cut-off knife on the debris shield.

NON-ECHO UNITS

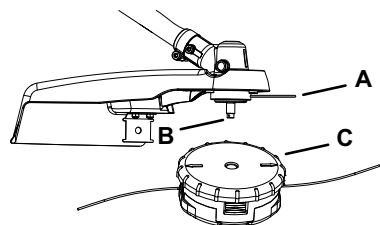
CAUTION

The unit must be equipped with a debris shield and a line cutter that will cut line to length when the trimmer line is advanced or personal injury may result. Stop installation if the unit does not meet these requirements.

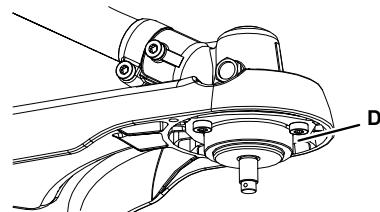
- Insert a small screwdriver (A) into the gear case to lock output shaft (B).

Note: Locking tool insertion point will vary among manufacturers.

- Remove existing cutting attachment (C) from the unit following the manufacturer's instructions.



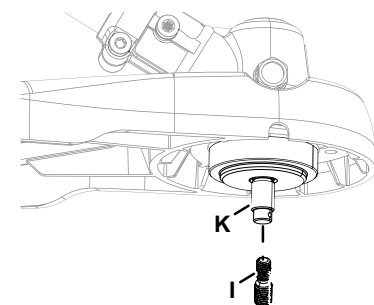
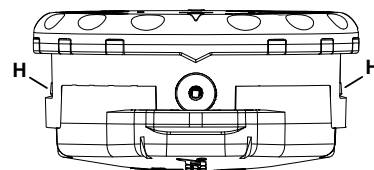
- Ensure the original gear case base plate (D) is installed. The base plate must support the trimmer head and allow it to rotate freely.



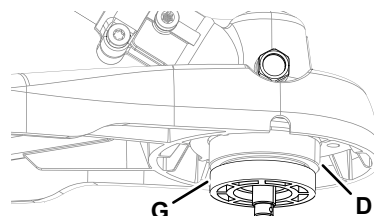
- Select and install the Speed-Feed® 500 mounting hardware. Use the Speed-Feed® 500 Application Chart (page 3) and Configuration Chart (page 3) to identify the bushing, or bushing-and-stud combination, required for your model.

Note: If a brand or model number is not listed in the Application Chart (page 3), match the original mounting hardware from your unit with the Speed-Feed® 500 mounting studs and/or bushings to determine the correct parts needed, continue to step 6. If you need help, visit <http://www.speedfeedhead.com>, or call the Consumer Product Support Department at 1-800-432-3246 from 8:30 a.m. to 4:30 p.m. (Central Standard Time) Monday through Friday.

- To replace the bushing or hub, push locking tabs (H), and open the trimmer head to install a new bushing and/or hub.
- Reassemble the trimmer head in reverse order of disassembly. The trimmer head halves will snap together tightly only when all parts are properly aligned and assembled.
- If required, install a new stud bolt (I) into the threaded hole in gear case output shaft (K). Turn left-hand studs clockwise to tighten.



- If required, install reversible spacer (G) on the base plate (D) of the gear case and match the spacer recess to pilot diameter of the base plate.



Note: When the spacer (G) is properly matched and installed, there should be no gap between the spacer (G) and the base plate (D) on the gear case.

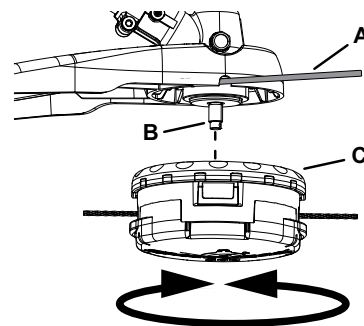
NOTICE

Do not force the assembly process. Forcing the assembly process can cause the threads to strip and result in permanent damage.

- Insert a small screwdriver (A). Thread Speed-Feed® 500 trimmer head (C) counterclockwise (as viewed from top) onto mounting stud output shaft (B). If a right-hand stud was installed, turn the head clockwise (as viewed from top). Hand-tighten only.

Note: There should be no gap between the spacer and the line head after tightening.

- Remove the locking tool.
- Cut the trimmer lines so the length does not extend beyond the cut-off knife on the debris shield.



OPERATION

Advance the Trimmer Line

Bump bottom of trimmer head against ground while running trimmer at normal operating speed.

NOTICE

When wear indicators (M) located at the bottom of the Speed-Feed® 500 head are worn smooth, or if holes appear, replacement of the cover or the entire Speed-Feed® 500 head is required.



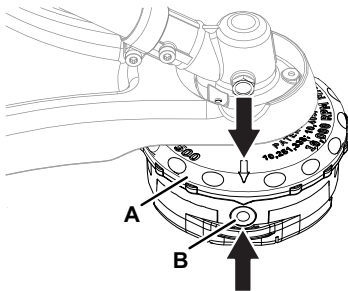
Loading the Trimmer Line

The Speed-Feed® 500 trimmer head accepts line diameter from 2.0 mm (0.080 in.) to 3.3 mm (0.130 in.).

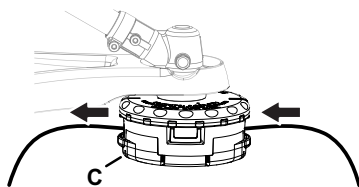
Line Capacity:

- 12 m (40 ft.) of 2.4 mm (0.095 in.) round line
- 6 m (20 ft.) of 3.3 mm (0.130 in.) round line

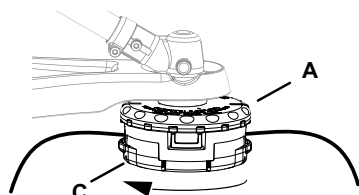
1. Cut one piece of line to the recommended length.
2. Align the arrows on the top of knob (A) with the openings in eyelets (B).



3. Insert one end of the trimmer line into an eyelet, and push the line an equal distance through trimmer head (C).



4. Wind line onto spool. Hold knob (A) while turning trimmer head (C) counterclockwise until a click is heard, repeat until about 130 mm (5.0 in.) of the longest line remains extended.



SPEED-FEED® 500 APPLICATION CHART

BRAND	MODEL	CONFIGURATION
ECHO	SRM-266, SRM-266S, SRM-266T, SRM-266U, SRM-2620, SRM-2620T, SRM-2620U, SRM-280, SRM-280S, SRM-280T, SRM-280U, SRM-3020, SRM-3020T, SRM-3020U, SRM-410X, SRM-410U, 99944200540, 99944200545, DSRM-2600, DSRM-2600U	LH6
HUSQVARNA	324L, 336FR, 430LS, 524LK, 525L, 525LK, 525LS, 525LST, 535LK, 535LS	LH6
MARUYAMA	B27, B27L, B27L Turbo, B30, B30L, B30L Turbo, B42, B42L, BC2621	LH2
RED MAX	BCZ250S, BCZ260S, BCZ2620TS, BCZ3050S, BCZ3050SW, BCZ3060TS, BCZ350S, BCZ400SW	LH6
SHINDAIWA	C262, C282, C344, 66001, T262, T262X, T282, T282X, T302, T344	LH6
STIHL	FS 91, FS 91 R	LH2
	FS 94 R, FS 111, FS 111 R, FS 111 RX, FS 131, FS 131 R, FS 240, FS 240 R, FS 310, FS 311, FSA135, FSA 135R, FSA 130R	LH5
TMC	KPW2750V, KPW3650V, KPW4550V	LH4

CONFIGURATION CHART

Refer to the drawing in Contents section for part identification.

Use every indicated item from the Configuration Chart. Example: LH2: Install silver stud, black hub, and gold bushing.

CONFIGURATION	STUD (1)	SPACER (2)*	HUB (6)	BUSHING (7)
LH1	Gold	Not Used	Black	Gold
LH2	Silver	Not Used	Black	Gold
LH3	Silver	Not Used	Black	Red
LH4	Use Existing	Not Used	Black	Red
LH5	Use Existing	Not Used	Black	Green
LH6	Use Existing	Not Used	Black	Gold
	OR Use Existing	Used	Black	Silver

* Some units may require the installation of spacer (2) if unable to tighten the Speed-Feed® 500 line head to the base plate without a gap.