

Operation Manual For 1.7HP MAXTRA Pro 43CC Gas Pole Pruner Saw

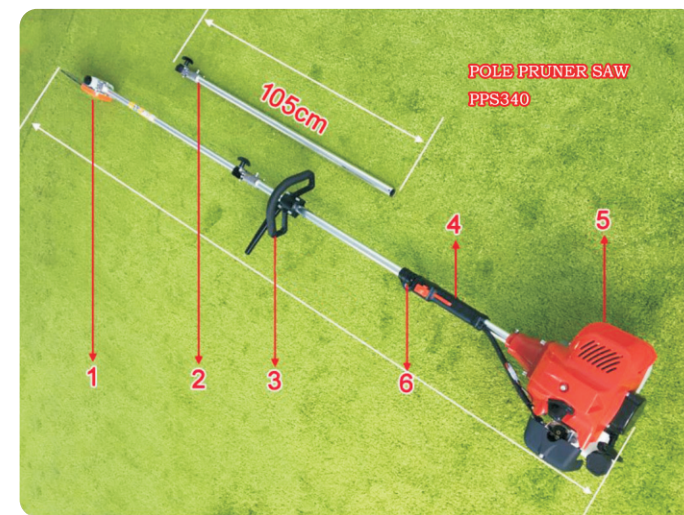
Chainsaw

一、Product Parameter

Pole Chain Saw Model:	SY-PPS340
Engine Mode:	1E40F-5A
Engine Power:	1.25kw/6500-8500rpm
Engine Type:	Air-cooled, two-stroke, single cylinder gasoline
Engine Displacement:	43cc
Carburetor Type:	Pump-film type
Idle Speed:	2800-3200r/min
Fuel Tank Capacity:	1000ml
Gasoline/2-cycle Oil Mixing Ratio:	20-25:1
Starter System:	Hand-starter
Length:	240cm-340cm
Guide Bar Size:	12"
Chain Pitch:	3/8"
Chain Gauge:	0.05"
Machine Weight:	KG
Packing Size:	110*30*30
Carrying Type:	Side-attached

2、Main Components

1) .



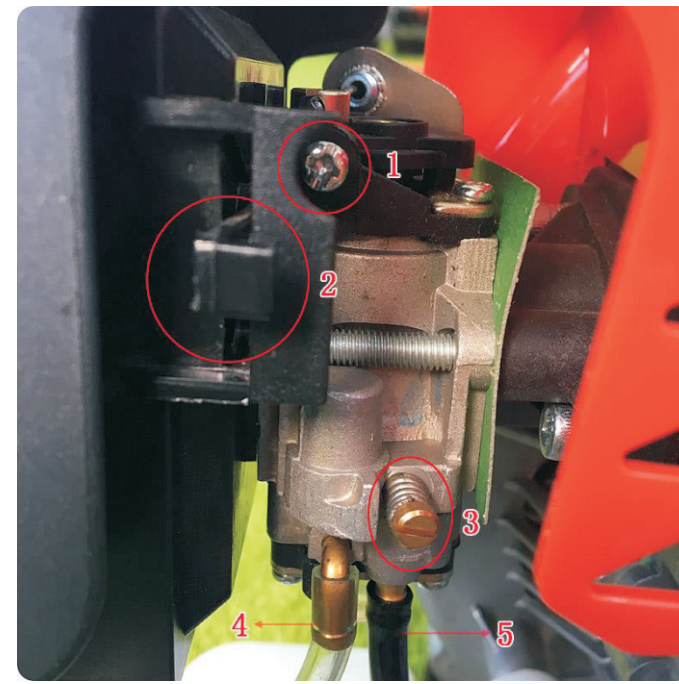
1. Saw Sliced-Head & Guide Plate & Chain
2. Extension Pole
3. D-type Handle Bar (Front Handle Bar)
4. Throttle Valve & Start-Switch Operation Handle Grip
5. Engine (1E40F-5A)
6. Strap Ring

2) .



- | | |
|---|---------------------------|
| 1. Air Filter | 6. Fuel Tank |
| 2. Carburetor | 7. Oil Return Hose |
| 3. Spark Plug Cap (Connecting the spark plug) | 8. Oil Inlet Pipe |
| 4. Muffler | 9. Fuel Tank Cap |
| 5. Engine | 10. Protective Body Cover |

3) .



1. Idling Screw
2. Choke Valve
3. Air-Fuel Ratio Adjusting Screw
4. Oil Return Hose
5. Oil Inlet Pipe

3、Installation Instruction For Guide Plate Chain

1) .

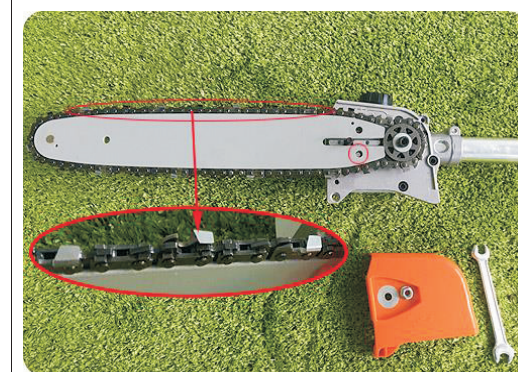


1. Chain
2. Guide Bar
3. Saw Sliced-Head
4. Saw Cover
5. Wrench (8-10)

2) .

Guide Plate And Chain Installation Procedures

1. Please carefully note that chain cutting edge should face outward.
2. Align and insert the guide plate hole with the convex screw.



3) .



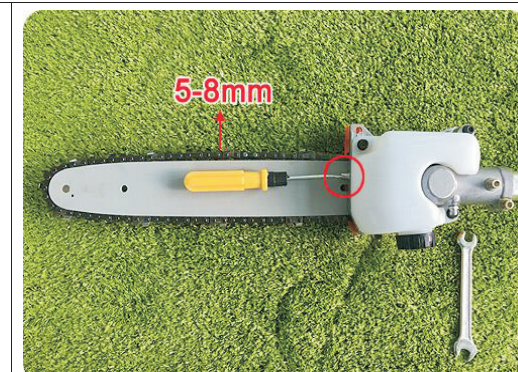
1. Tighten the saw cover.
 2. Put on the screw.
- Note:** Do not tighten the screw until tightness of chain is adjusted.

4) .

1. Adjust chain tension by using the screwdriver (clockwise for screw in; counterclockwise for loosen).
2. A properly-tensioned chainsaw chain should still be just a little loose on the chainsaw guide bar, but the chain needs to be tight enough that you can't pull the drive links out of the bar nose, that is about 8mm.

To determine whether or not your chainsaw's chain tension needs to be adjusted, pull the chain away from the guide bar a little to see if the drive links remain engaged or not.

3. Tightening a chainsaw chain too



tightly risks breaking it during operation. It also would cause serious abrasion on guide plate and chain.
4. Chain would come off the bar if it is allowed to become too loose.

Note: Chainsaw chains stretch and become loose during operation. Chainsaw chain tension should be checked and tightened often.

5) .



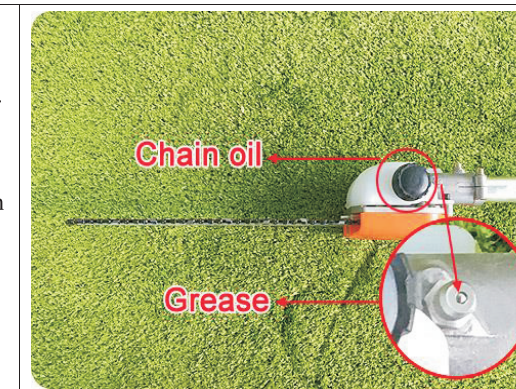
Tighten the saw cover screw with wrench when tension procedure is done.

6) .

1. Chain oil: Fill up with chain lubrication oil.
2. Grease: Fill up with lubrication grease.

Note:

1. Chain oil needs to be filled before each operation;
2. Grease is required for regular maintenance; (Regular maintenance is highly recommended for every 40 hours of operation.)



4、Assemble And Disassemble Instruction On Engine Connecting Rod

1) .



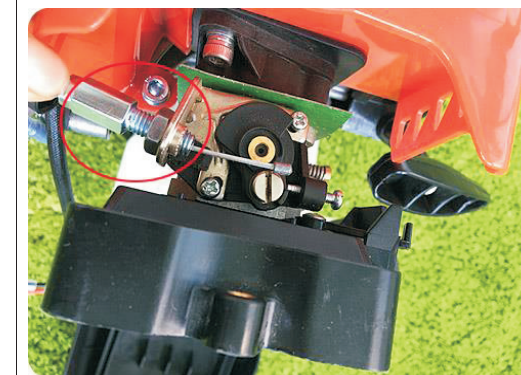
1. **Air Filter:** disassemble the air filter
2. **Connecting Plate Of Operation Rod:** Align the connecting plate with the engine output flange and mount 4 screws to the mounting hole (Carefully note the connecting direction, throttle cable should be above)

2) .

Align the connecting plate with the output flange, then tighten 4 screws.



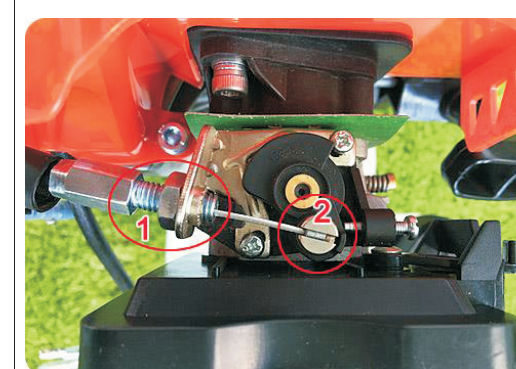
3) .



- ##### Throttle Cord Installation
1. Insert the throttle cord into the carburetor connecting bracket.
 2. Tighten the fixing screw after fit into proper place

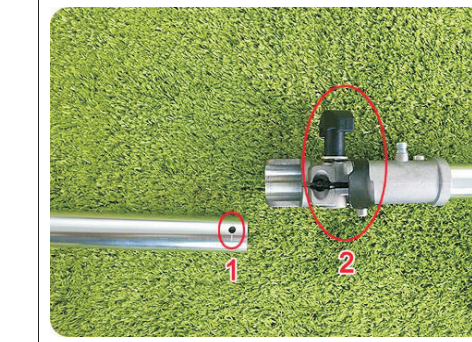
4) .

1. Connect the throttle cord to carburetor bracket, then tighten the fixing screw
2. Hang the throttle cord core into the connecting slot of carburetor throttle line (Please note that the clamp slot has scale range indicator, and the cable core should be fully placed in during installation)



5、Operation Pole Assemble

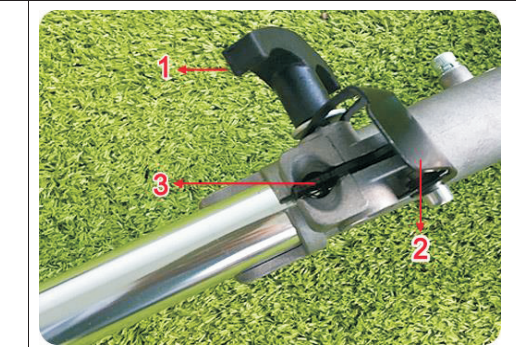
1) .



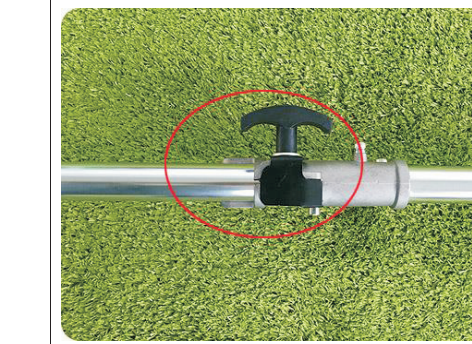
1. **Locating Hole:** The locating hole should face upward when being inserted into the quick connector.
 2. **Quick Connector:** Loosen the fixing screw counterclockwise before installation
- Note:** Please make sure the operation pole is exactly aligned with the spline teeth of drive shaft. Slightly left-right turn to fit the operation pole perfectly into the locating hole (1).

2) .

1. Quick Connector Fixing Bolt
2. Protective Cover (Holding Buckle)
3. Controlling On/Off Switch (Holding Buckle)
4. Press (2) and tighten (1) to fix the connector
5. **Replace And Remove.** Loosen (1) anticlockwise, press (3) with your fingers, then slightly pull out the aluminum tube.



3) .



Demo picture for completed Quick Connector (Shown As display)

6、Engine Start

1) . Fuel Mixing Ratio Guide



- ##### Gasoline and motor oil in 25:1 proportion
- Fill the fuel-mixing-bottle with gasoline and motor oil separately to marked line which are indicated with # 10 on the bottle, shown as display:
1. Gasoline in big portion
 2. Motor oil in small portion
 3. Finally obtains a concentration ratio of 25:1 between gasoline and motor oil
 4. Fasten the lid and shake evenly
- Note:** The proportion of gasoline and motor oil can be adjusted according to different oil grade and the condition of the machine. For new machine or higher temperature, you can use 20:1 ratio to mix the fuel. That is 20 portion of gasoline to 1 portion motor oil

2) .



1. **Start Switch.** Switch Start to the ON position
2. **Fuel Tank Cap.** Fill the tank and tighten the cap
3. **Oil Return Hose.** Make sure the oil has been returned to fuel tank through the oil return hose
4. **Choke Valve.** Close the throttle by pulling up the choke valve. Next, hold the engine with left hand, pull the start handle fast enough with right hand to start the engine. Repeat 3-5 times until engine gets started. If failed, please pull down the choke valve (4) and pull the start handle quickly again. Finally, slowly accelerate after the engine start to make sure the machine is in working condition. To stop the saw, just turn off the ignition switch.