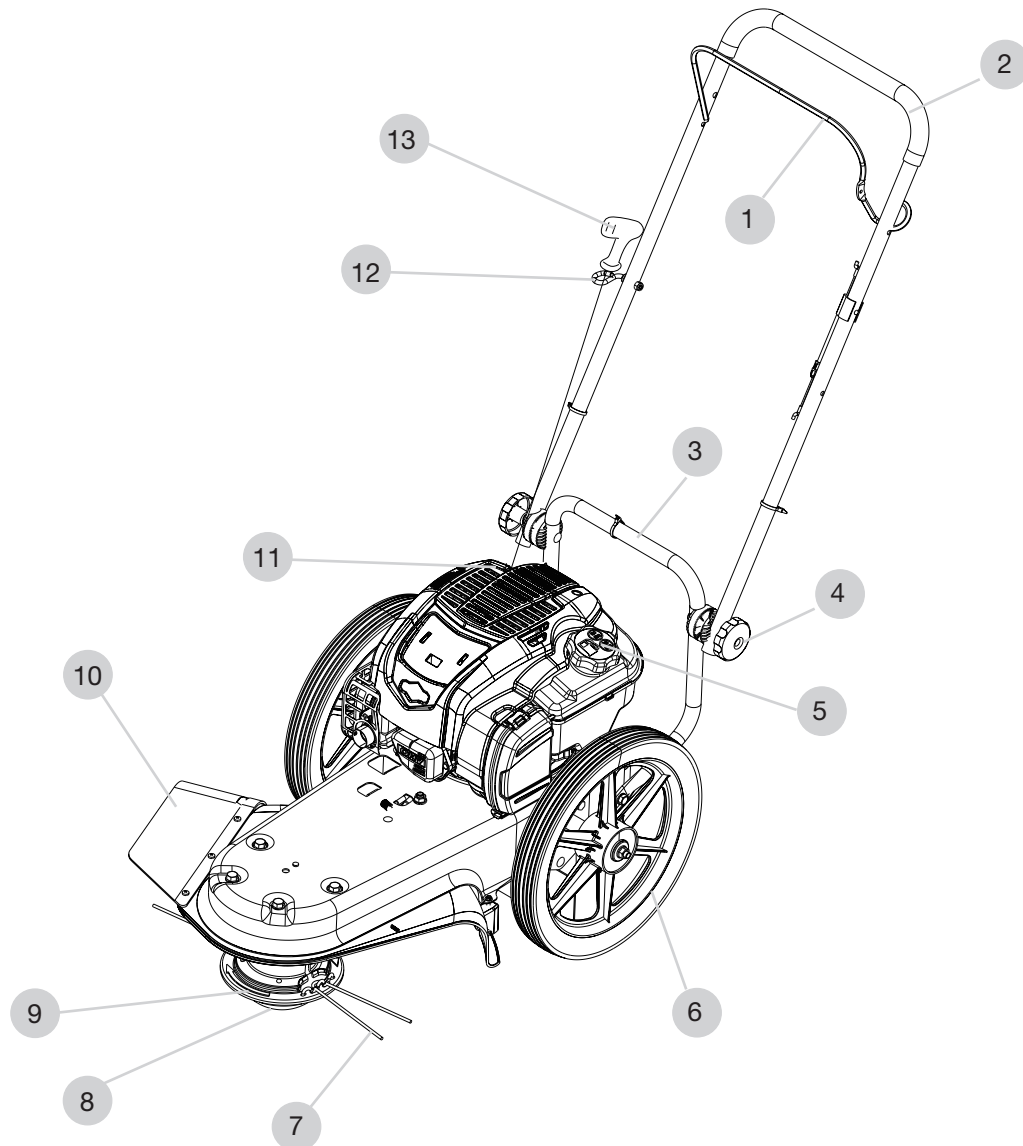


PARTS LIST

Fig. 1



1. Engine on/off control bar
2. Upper handle
3. Lower handle
4. Handle adjustment knob
5. Gas filler cap
6. Wheel
7. Trimmer line
8. Trimmer guide
9. Trimmer head
10. Shield edge guard
11. Oil filler dipstick
12. Rope guide
13. Recoil starter handle

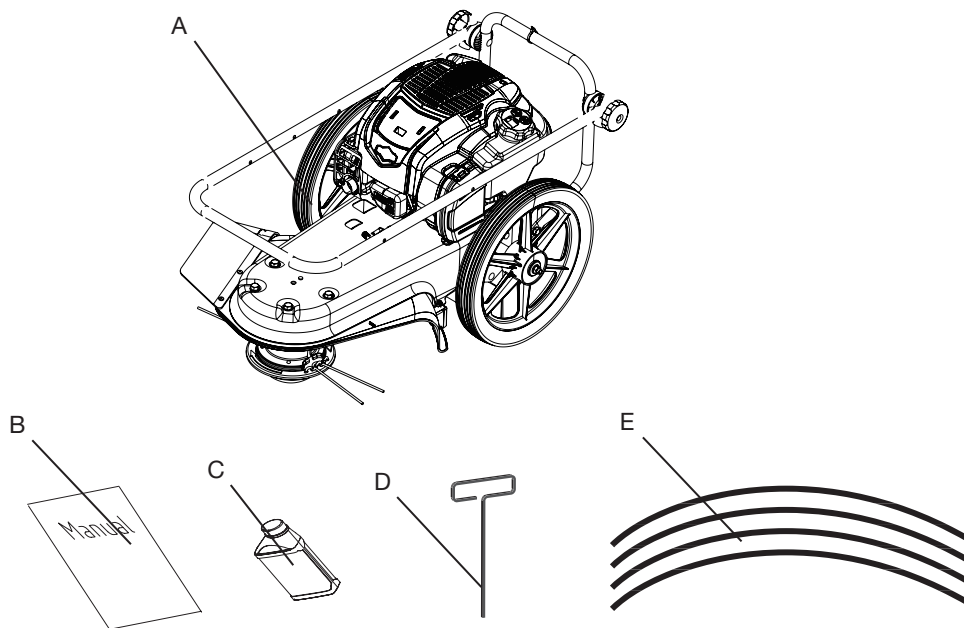
PARTS LIST

PARTS LIST

Carefully remove the trimmer from its packaging and check that the following parts are included:

- A Main trimmer with handles 1pc
- B Manual 1pc
- C Engine oil(SAE30 15oz) 1pc
- D T-handle wrench 1pc
- E Trimmer line 4pcs

Fig. 2



INTENDED USE

This gas-powered walk-behind trimmer has been designed for cutting residential lawn areas.

The machine is to be used only for its prescribed purpose. Any other use is deemed to be a case of misuse. The user/operator and not the manufacturer will be liable for any damage or injuries of any kind caused as a result of this.

Please note that our equipment has not been designed for use in commercial, trade or industrial applications. Our warranty will be voided if the machine is used in commercial, trade or industrial businesses or for equivalent purposes.

TECHNICAL SPECIFICATIONS

TECHNICAL SPECIFICATIONS

Engine type	Single cylinder 4-stroke
Engine displacement	163cc
Engine speed	3100±100RPM
Cutting path	22"(56cm)
Cutting height	1.5"-3"(38-76mm)
Trimmer Line	0.155"(4 mm)
Wheel diameter	14"

ASSEMBLY

Read and follow the assembly and adjustment instructions. Do not discard any parts or materials until the unit is as assembled.



NOTE: Torque is measured in foot-pounds (metric unit is Nm). The measurement describes how tight a nut or bolt must be. The torque is measured with torque wrench.



WARNING Always wear ANSI compliant safety glasses or eye shields while assembling the trimmer.



WARNING

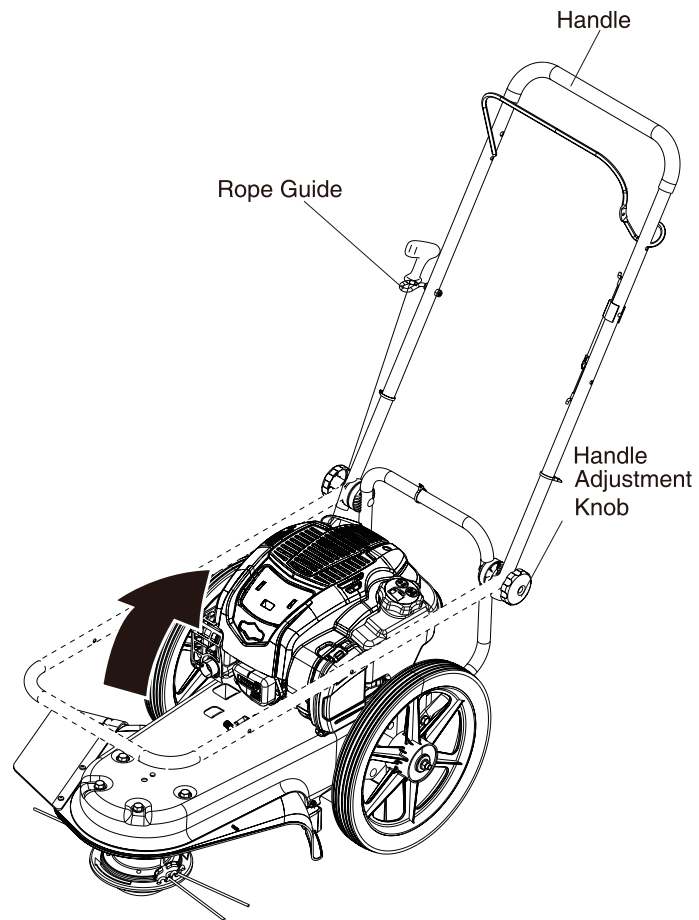
Before doing any assembly or maintenance to the unit, remove the wire from the spark plug.

ADJUST THE HANDLE

1. Adjust knobs until the ratchet teeth are disengaged. Do not remove the handle adjustment knobs (See Fig. 3).
2. Pull sides of handle apart and rotate the handle to the desired position behind the trimmer.
3. Stand in the operator's position behind the trimmer to make sure handle is adjusted to a comfortable position.
4. Tighten the handle adjustment knobs.
5. To attach the recoil start handle to rope guide, twist the rope through the rope guide mounted on the right side of the handle.

ASSEMBLY

Fig. 3



ASSEMBLY

ENGINE PREPARATION

ENGINE DOES NOT CONTAIN OIL OR GASOLINE WHEN SHIPPED See the engine manufacturer's instructions for the type of gasoline and oil to use. Before you use the unit, read the information on safety, operation, maintenance, and storage.

This trimmer was shipped with a 15 oz container of SAE30 engine oil. This oil is to be added to the engine before operating. Follow the following procedure to fill the crankcase with oil.

Never use additives with recommended oil.

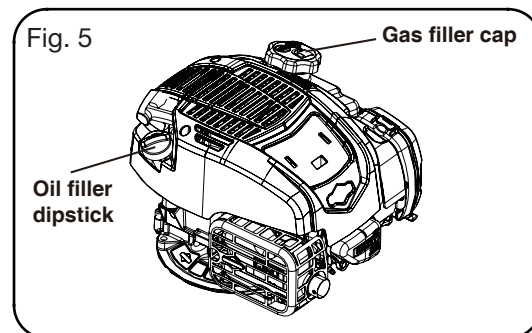
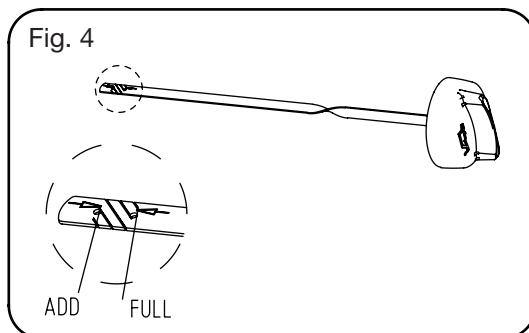
This engine is "Check & add" and never needs the oil to be replaced.

TO CHECK THE OIL LEVEL AND FILL TO PROPER LEVEL

1. Place the trimmer on a level surface.
2. Remove the oil fill cap/dipstick and wipe clean with cloth.
3. Replace dipstick and do NOT screw it. Remove and check oil level.
4. When oil level is full, the oil will be at upper limit on dipstick. (See Fig. 4)
5. If the oil level is near or below the lower limit mark on the dipstick (See Fig. 4), add SAE 30 oil (or equivalent) slowly and recheck until oil level reaches upper limit of dipstick. DO NOT OVER FILL.
6. Replace and tighten dipstick.
7. Clean up any spilled oil.



NOTE: When adding oil, frequently insert the oil filler dipstick and check the amount of oil in the engine. DO NOT OVERFILL. (See Fig. 5)



FILLING TANK



CAUTION! Always use clean, fresh unleaded gas. Purchase fuel in quantities that can be used within 30 days. Never mix oil with gas.



CAUTION! Do not fill into the base of neck to allow for fuel expansion. Do not overfill the fuel tank.



CAUTION! WARNING! Gas is highly flammable and extreme caution must be taken when handling or working with it. Keep out of reach of children.



CAUTION! To prevent engine damage the engine is shipped without oil or gas. The engine must be filled with the correct grade of oil and gas before starting the engine.



WARNING Follow the engine manufacturer's instructions for the type of gasoline and oil to use. Always use a safety gasoline container. Do not smoke when adding gasoline to the engine. When inside an enclosure, do not fill with gasoline. Before you add gasoline, stop the engine. Let the engine cool for several minutes.

ASSEMBLY



WARNING! Refuel in a well-ventilated area with the engine stopped. Do not smoke or allow flame or sparks in the area where the engine is refueled or where gas is stored. Avoid repeated or prolonged contact with skin or inhalation of vapour.



WARNING! Gasoline with up to 10% ethanol (gasohol) is acceptable. Do not use unapproved gasoline, such as E15 and E85.

1. Clean surface around gas filler cap to prevent contamination.
 2. Loosen gas filler cap slowly. (see Fig.5)
 3. Carefully pour fuel into the tank. Avoid spillage.
 4. Prior to replacing the gas filler cap, clean and inspect the gasket.
 5. Immediately replace gas filler cap and hand tighten. Wipe up any spillage.
- NOTE:** It is normal for smoke to be emitted from a new engine after the first use.

TO SET THE HEIGHT OF CUT



CAUTION Before you set the height of cut, stop the engine. Wait for all moving parts to stop. Allow engine to cool and disconnect the spark plug wire.

The height of cut can be set from 1 1/2 to 3 in. [38-76 mm]. Recommended cutting height for the average yard is 2 in.[51 mm].

1. Use the T-Wrench, found in a parts bag, to loosen the (2) set screws. (See Fig. 6)
NOTE: The (2) set screws are only on one side of the trimmer head. If you don't see the set screws, check the opposite side. Both set screws need to be loosened to change the height of the cut.
2. Slide the trimmer head up or down for desired height of cut. From position 1 to position 7, the cutting heights range from 1.5" to 3" (38-76mm), 0.25" between each position.
3. Tighten both set screws to 2.6 - 3.7 foot-pounds (3.5-5 Nm).

