

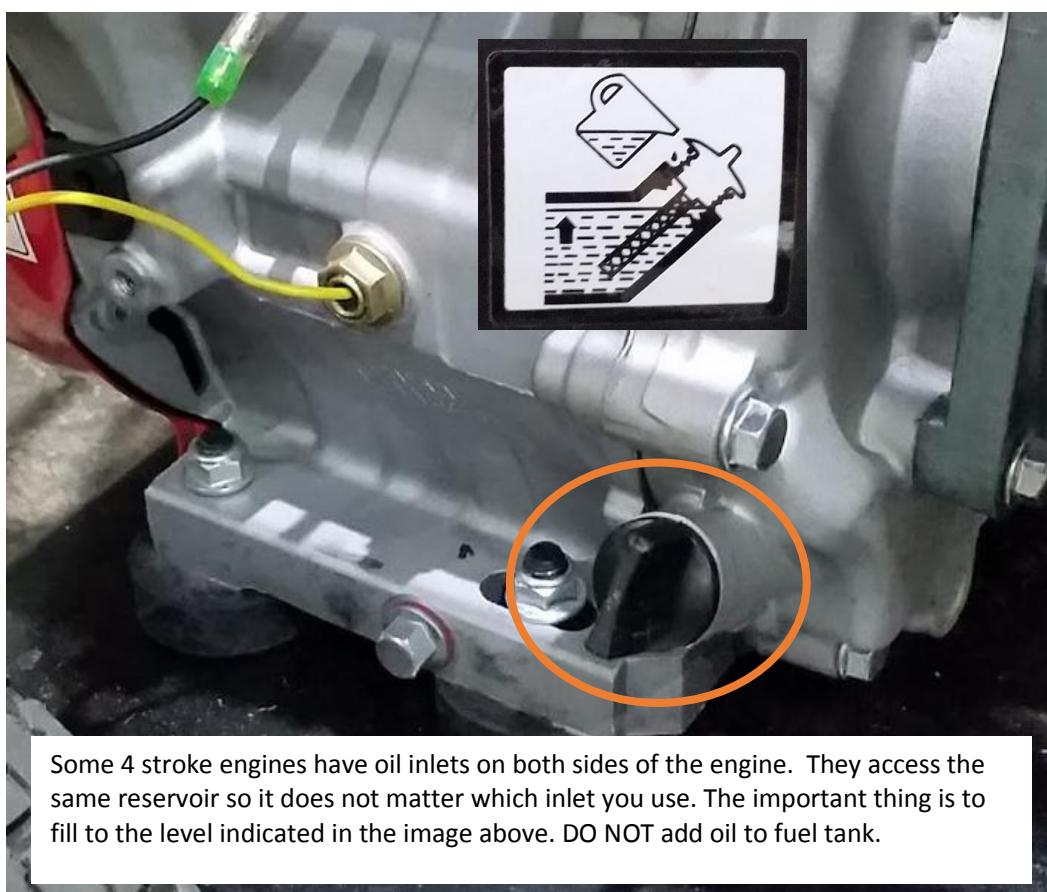
Having issues starting your unit? 4 stroke petrol engines only

As a seller of thousands of machinery items, we understand things may not always go to plan. If the following steps do not get your unit started, please let us know.

[The engine you have may look a little different. The process is the same.]

1. Set your unit on perfectly flat ground
2. Add non-synthetic engine oil (10w-30, 10w-40, 15w-30, or 15w-40)

You MUST add additional oil prior to using the unit. Oil is sometimes added during factory testing. This may account for some oil in your engine. Regardless, you must add oil to the level indicated in the image below.



Some 4 stroke engines have oil inlets on both sides of the engine. They access the same reservoir so it does not matter which inlet you use. The important thing is to fill to the level indicated in the image above. DO NOT add oil to fuel tank.

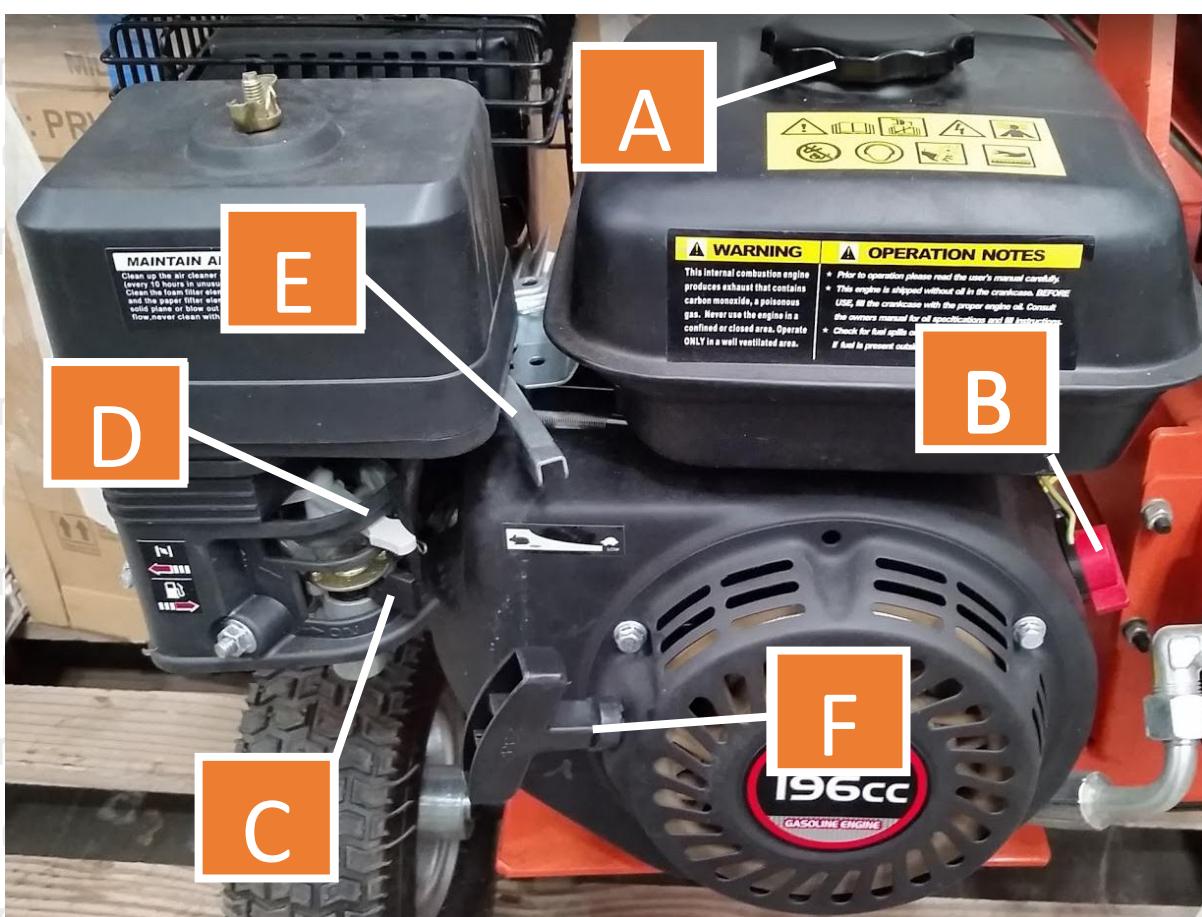
Fill slowly until the oil reaches the level indicated. Be sure to fill slowly to prevent air bubbles. If oil overflows from the inlet, allow the oil to settle. Add more oil as necessary to ensure the oil level is visible in the inlet.

Failure to add sufficient oil may either prevent the unit from starting or cause catastrophic engine failure which is not coverable under warranty

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STARTING YOUR ENGINE

- A. Add unleaded fuel to the fuel tank (no ethanol)
- B. Switch engine to On
- C. Set fuel tap to open (push to the right)
- D. Set choke (push to the left) opposite to photo
- E. Set throttle midway between turtle and rabbit
- F. Pull the starter cable. The cable must be given a short tug to engage the starter (approx. 3-5cm of cable). Once engaged pull the remaining cable in 1 continuous and firm motion. Repeat 3-4 times in quick succession.
- G. When engine starts, move choke [D] to the right
- H. Move throttle [E] to the rabbit



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Trouble shooting

Prior to starting any of the following procedures, we advise to read through the entire list.

Still won't start?

- Some models have a safety switch that needs to be engaged to allow engine to start. Eg mowers, chipper, mulchers, stump grinders. Ensure safety handle/switch is engaged.

Still won't start?

- Have you skipped straight to this section without going through all steps above? We often find a customer has forgotten/skipped one of the steps above. Return to the start and check every step.

Still won't start?

- Adjust location of throttle [E] up or down marginally. Return to step F above.

Still won't start?

- Do you require assistance in pulling the starter cable [F]? The cable must be given a short tug to engage the starter (approx. 3-5cm of cable). Once engaged pull the remaining cable in 1 continuous and firm motion. Repeat 3-4 times in quick succession.

Still won't start?

- Engine may be flooded. Close fuel tap (push [E] to the left). Open choke (push [D] to the right). Pull start 3-4 times [F] to clear the fuel. Return to step C above.

Still won't start

- Spark plug may be faulty.
- Remove spark plug cover.
- With spark plug tool, turn the spark plug counter clockwise. Screw out spark plug.



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- Is spark plug wet? If so dry it with a towel. To ensure fuel remnant is removed from the spark plug, heat the tip (the threaded metal end with the hook) with a cigarette lighter for around 30 seconds. Keep flame away from engine and fuel containers.
- Allow 3 minutes for the spark plug to cool. As the spark plug is cooling. Gently pull starter 5-6 times.
- Reinsert spark plug back into the black plug cover (do not screw back into engine).
- Set engine switch to 'On' [see step B].
- Hold the spark plug cover in one hand and press the spark plug against a metal portion of the engine. It must be touching a metal section of the engine (as per image below).



- Hold only the rubber cover to the spark plug. To avoid static shock, do not touch the metal with a bare hand.
- With the other hand, or the help of an assistant, pull the starter cable.
- When pulling the cable, a tiny spark should be visible where indicated above. Spark not visible in direct sunlight. Choose a shaded (dark) area.

- If no spark is visible, replace with new spark plug

Still won't start

- Does the unit have contaminated fuel? Does the fuel have water in it? Has fuel sat for an extended period of time in the unit or in your fuel container? If in doubt, remove all fuel from the tank. Remove all fuel from the fuel bowl (see following image).
- Use of stale and contaminated fuel is not covered under warranty provisions.



Remove bolt pictured to drain fuel from the fuel bowl.
Do not remove other bolt pictured.

Note: Contaminated and stale fuel in an engine can only be rectified by removing all traces of fuel.

Once complete, fill with fresh unleaded fuel.

Still won't start

- To save unnecessary time, servicing or freight costs, ensure all steps provided above have been triple checked.
- Failure to follow the steps provided may result in service and freight costs being passed to you from your nearest service centre.
- Contact the supplier once all steps above have failed to start the engine.