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# CONTROLS

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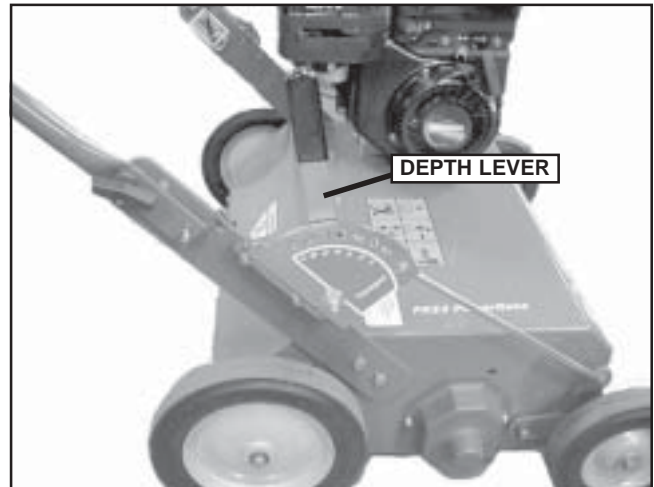
## Engine

Refer to your engine manual.

## Cutting unit

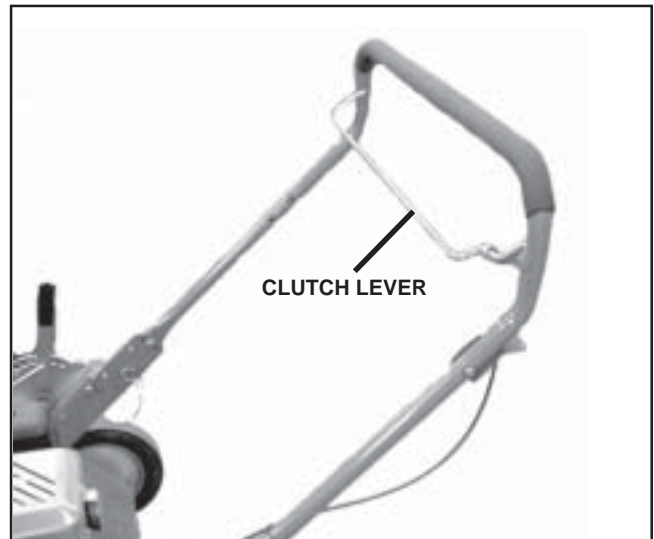
### Depth lever

Use the depth lever to raise and lower the blades between working and transport position. The depth lever has a lock-out bolt that should be left in till the blades wear down. Then move the bolt to another hole to allow the blades to penetrate the soil to a depth of 1/8" to 1/4" with a maximum penetration of a 1/2". Check your seed bag for the manufacture's recommended depth of application.



### Clutch

The clutch tightens the drive belt and engages the drive for the blades. When the clutch lever is pressed against the handle, the blades begin to rotate. Hold the clutch tightly when working so that the belt does not slip.



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# OPERATION

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## Before you start

- Mow the lawn to its normal length.
- Allow the lawn to dry. Wet conditions can cause extensive damage to healthy grass.

## FLAIL BLADES OR SPRING TINES:

- **Flail Blades or Spring Tines:** Set blade or tine depth so that the blades or tines just touch on a flat surface such as a sidewalk or driveway.
- **Delta Blades:** Set blades to penetrate the soil to a depth of 1/8" to 1/4" with a maximum penetration of 1/2". Check your seed bag for the manufacture's recommended depth of application
- Lawns with deep thatch exceeding 2 cm may be best dethatched in two treatments (spring and fall) to avoid major shock to an older lawn.

## Starting

- Set the depth lever in working position.
- To engage the clutch in heavy thatch, bear down on the handle and raise the front wheels slightly. Hold the clutch engaged against the handle and carefully lower the machine into the turf.
- Do a small test area at a slow walking pace.
- If the engine speed drops excessively, the depth setting is too deep.
- If the machine pulls forward and bucks roughly, the depth setting is too deep. Check for stones or fixed objects in the lawn.

## Finishing

- Remove all extracted thatch from the grass and compost/dispose of properly.
- Other methods for improving your lawn may include aeration and fertilization.

### IMPORTANT INFORMATION

**Clear the lawn of any debris.**

**Clearly mark rocks and other fixed objects.**

**Be especially sure to check for hidden electrical cables or similar in the surface of the lawn.**

