

ENFIELD CROQUET CLUB
BRILLIANT CYLINDER MOWER
EASY GUIDE (revision 1)

Preparation

1. Cylinder mowers are heavy and powerful machines and can therefore be dangerous if not used correctly.
2. Ensure you are familiar with the Brilliant Instructions Sheets (in hut) and in particular the safety instructions (see ECC Mower Safety guidance sheet).
3. **Please note this mower is a fine turf mower and should only be used on the lawns and never on longer grass or when the grass is wet.**
4. Move mower to safe level space.
5. Check fuel level. Wipe around cap, remove cap, and look to see fuel level. If low top up before commencing mowing - See separate Petrol and refuelling guide.
6. Familiarize yourself with the controls – see attached sheet.
7. You can use this machine walking behind or using the trailing seat. If using the seat, it connects by the seat bar passing through 2 holes on the rear of the mower & fixed in place with the wing nut on the left side.

Starting, operating, & stopping

1. **NOTE; to stop this machine moving, the clutch needs to be disengaged by pulling up the lever on the left handlebar. Letting go of everything will not stop the mower.**
2. Suggested starting.
 - a. Ensure the clutch lever (left handlebar) is pulled up & locked in place.
 - b. Ensure the cylinder is engaged – black knob (low down on rear left side) is pushed toward the centre of the mower.
 - c. Turn on petrol by sliding to the front of the mower - black lever right side of engine.
 - d. Apply the choke by sliding to rear of mower – white lever above petrol lever.
 - e. Set throttle to a quarter – lever right handlebar – clockwise to increase.
 - f. Turn on ignition key – located in centre of silver cross member.
 - g. Turn ignition key further to the right to crank the engine, then release.
 - h. If electric start is not working (ie flat battery) or if the engine fails to start, then use the started cord. Pull the starter cord & allow to gently recoil.
 - i. Once engine starts, turn choke off by pushing lever towards front of mower.
3. If throttle is set too high when the clutch is released the machine may run away from you.
NOTE; This mower is faster than the Ransomes and therefore use a low throttle setting until you get used to it.
4. Stop the machine by disengaging the clutch (left handlebar) i.e. pulled up and locked in place, reduce the throttle & then turn ignition key off.
5. Stop machine and ensure cylinder has stopped before emptying the grass box. The cylinder takes some time to come to a complete stop.
6. To restart warm machine, turn on ignition key. Set throttle to a quarter and turn key or pull starter cord. **We are finding choke is often needed when restarting.**
7. Please note that this machine differs from the Ransomes in that the clutch disengages the cylinder as well as the rear roller drive.

Problem Starting

1. If the engine fails to start after a few pulls of the starting cord - Wait and try again in a few minutes.
2. **We are finding choke is often needed when restarting.**
3. If mower fails to start after several tries, and especially if you can smell petrol, wait a few minutes and then try with throttle control set to FAST and the CHOKE off ie pushed toward the front of the mower.
4. Do not continue to crank the engine. If it has not started after 5 attempts (pulls) wait a few minutes before trying again.

Mowing

1. **You cannot and should not try to turn this mower tightly.** You can't therefore mow up & down the lawn with adjacent passes. Mow the length (or width) of the lawn then along the boundary several metres then back down (or across) the lawn before retuning adjacent to the first strip. In this way you can work your way across the lawn in several broad strips.
2. Turn off the mower and wait till the cylinder has come to a complete stop before emptying the grass box – this may take some time.
3. **Do not put hands, feet etc where they may contact the cylinder.**

Finishing – Important

1. **Please leave the mower as you would wish to find it.**
2. Clean the mower by brushing or wiping.
3. Remove spark plug lead before working underneath. Tilt mower backwards but ensure petrol is turned off first. **Only tilt the machine for as short a period as possible and no further back than 35 degs ie only so trailer brackets touch the ground. This will need somebody to hold the handlebars. Do not tilt back so the handlebars touch the ground as this may get oil in the engine & cause damage.**
4. Replace spark plug lead if removed. Ensure petrol is turned off.
5. Put back in the shed.
6. Report any problems or breakages to the Lawns Manager or Committee Member.