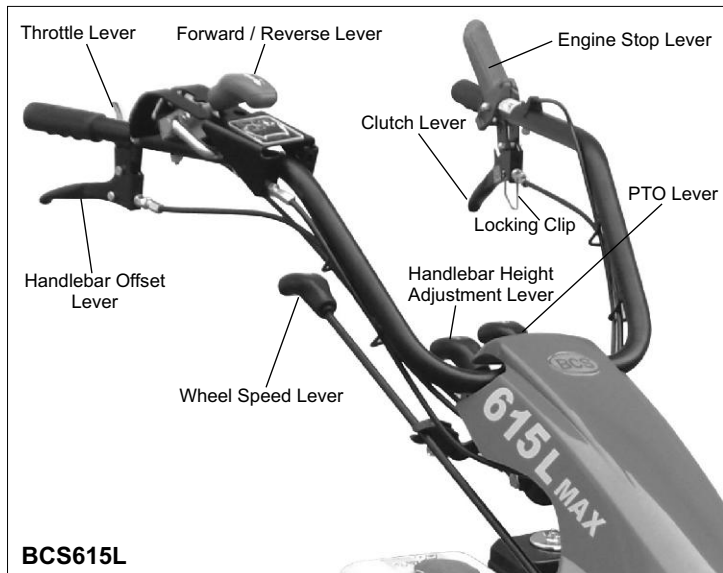


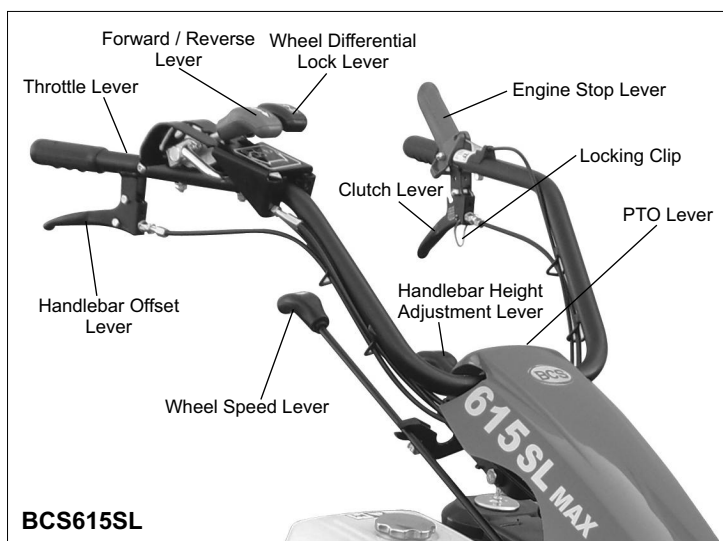


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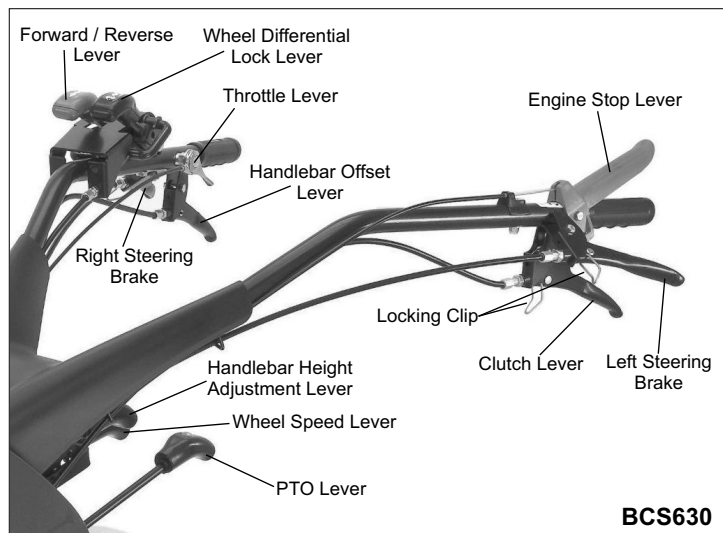
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BCS615L

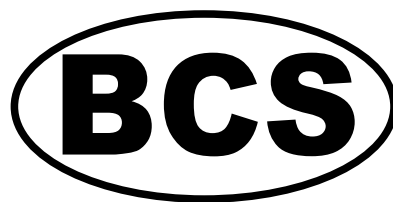


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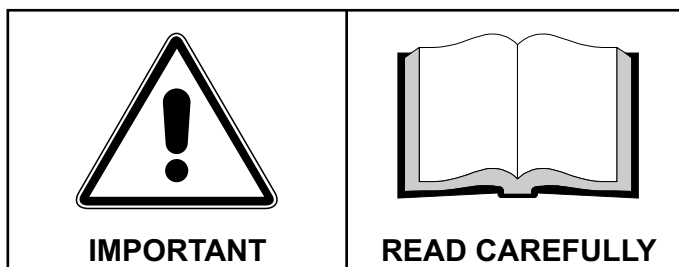


BCS630

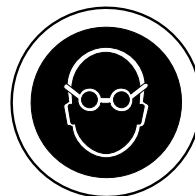
OPERATING INSTRUCTIONS & SAFETY NOTES



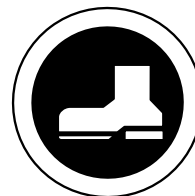
CRUSADER POWER SCYTHES BCS615L/615SL/630



WEAR EAR
PROTECTION



WEAR EYE
PROTECTION



WEAR SAFETY
FOOTWEAR



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Specifications are subject to change without prior notice.

OP/PS/615L-630/0512

No liability will be accepted for any damage caused to persons or property through failure to observe the operating and safety instructions.

SAFETY

- ALWAYS** start the engine in the open air
- DO NOT** smoke when refuelling
- DO NOT** mix OIL with the fuel
- ALWAYS** stop the engine before making any adjustments, refuelling, moving or cleaning, or when the unit is unattended
- USE ONLY** unleaded petrol from fuel containers designed for this purpose - refuel outdoors only and replace the tank cap securely
- IN CASE** of petrol spillage move the machines away from the area of spillage and allow the petrol vapours to dissipate before starting the engine
- DO NOT** remove any safety guards that are fitted
- DO NOT** touch any moving parts or attempt any maintenance whilst the machine is running - **KEEP HANDS AND FEET AWAY**
- BEFORE** starting work clear the work area of any objects that could damage the machine
- DO NOT** allow children or anyone uninstructed to operate the machine - **KEEP ANIMALS AWAY**
- DO NOT** use on slopes or banks of more than 20°
- ALWAYS** wear suitable clothing to give personal protection including footwear that offers a good grip
- AVOID** wearing loose garments that may catch in moving parts
- KNOW** how to stop the machine in an emergency
- NEVER** interfere with any control settings on the engine
- NEVER** select reverse gear with your back to a wall or other immovable object
- IF A FAULT** develops **DO NOT** attempt any repair - immediately contact the supplier from whom the machine was obtained
- VISUALLY INSPECT** the machine before use - ensure all teeth, nuts and bolts are tight and not worn or damaged and replace teeth if necessary
- KEEP IN MIND** the operator is responsible for accidents or hazards occurring to people or property

TO START ENGINE

- Check the engine oil level. Top up with 10w/40 oil if necessary.
- Check fuel level. Only use unleaded petrol from a clean container. Never re-fuel when the engine is hot or running. Leave 1" air space in the fuel tank.
- Depress the engine stop lever (the red lever on the left handlebar) then pull up the clutch lever and secure with locking clip.
- Ensure the wheel speed lever is in neutral 'O' position.
- Apply half throttle (the lever on the right handlebar).
- Turn the fuel tap to 'ON' position, if the engine is cold set the choke lever to 'ON' position.
- Pull the recoil start handle gently until it engages then give it a good strong pull to start the engine.
- When the engine has started, release the choke lever after a few seconds and return the throttle lever to idle position.

OPERATION

- Use handlebar adjuster to set handlebar height.
- Pull up clutch lever (located on left handlebar). This will automatically release stop lever locking clip.
- Ensure the red forward/reverse lever is in the forward position.
- Select 1st gear by using the wheel speed lever.
- Engage the cutter bar by using the cutter bar drive lever.
- Raise the throttle slightly, release the clutch lever gently and *fully*, keeping the red engine stop lever depressed as engine will stop if released.
- Commence work.



**NEVER USE MORE THAN
1/4 THROTTLE WHEN THE
BAR IS OPERATING**

TO STOP ENGINE

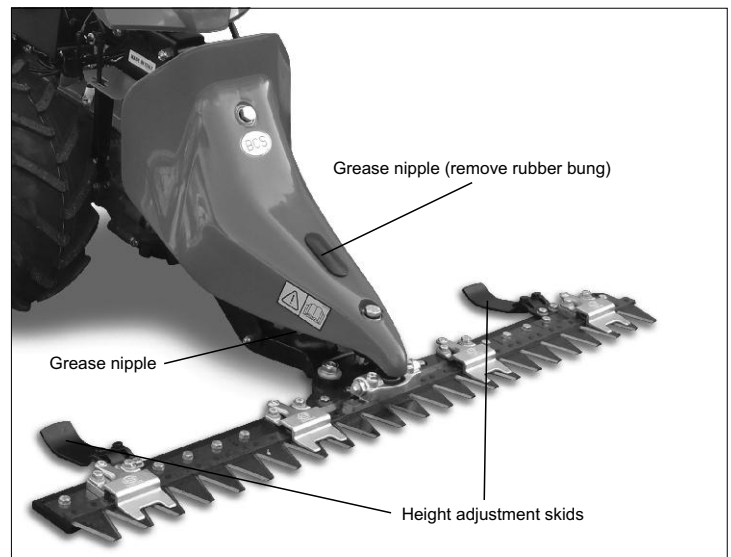
- Close the throttle.
- Pull up the clutch lever.
- Locate the wheel speed lever in neutral position.
- Disengage drive to the cutter bar.
- Release clutch lever.
- Release engine stop lever completely.
- WARNING: THE EXHAUST COVER MAY BE HOT - DO NOT TOUCH**

OPERATING HINTS

- Best results are obtained with the engine at a low throttle setting, which enables the bar to cut cleanly and gives less wear and tear on the reciprocating parts, which in turn reduces maintenance.
- NB: If you are working on a slope, always work across the slope - never up or down.
- On rough terrain, the bar should be raised by the height adjuster skids to prevent the blades from digging into the ground.
- Always wear gloves.
- WARNING:** If any abnormal vibrations or sounds occur, **STOP** the engine immediately and check the machine and the cutter bar. If you have any concerns contact your supplier.

MAINTENANCE GUIDE

- For engine maintenance please refer to engine manufacturers manual.
- After every hour of operation stop the engine and remove the spark plug cap. Check engine oil level (recommended oil SAE 10w/40).
- Wash down and re-oil the sliding parts after each day of use.
- Lubricate grease nipples every day (where fitted).
- Use an old paintbrush to smear grease over the cutter blades.
- Replace the spark plug cap.
- Do not turn the machine on its side for cleaning.
- When the machine is not in use always leave the clutch lever pulled in and secured with locking clip.



VIBRATION & SOUND LEVELS

Machine	Cutter Bar	RPM	Vibration m/sec ² (3 Axis)	Sound Level dB(A)
BCS 615L Power Scythe	40" (100cm)	2000	8.0	88.0
BCS 615SL Power Scythe	40" (100cm)	2000	8.0	88.0
BCS 615SL Power Scythe	44" (115cm)	2000	9.3	88.0
BCS 630 Power Scythe	40" (100cm)	2000	6.8	91.0
BCS 630 Power Scythe	44" (115cm)	2000	7.1	91.0