



# SANLI

## LawnBeetle



Please read this instruction manual carefully before operating your new Sanli lawnmower.

**Model number: LBP350**

# Congratulations on choosing a Sanli mower.

## 24 Month Warranty

Thank you for your purchase.

This product comes with a manufacturer's warranty from Sanli Australia Development Pty Ltd that your new product will be free from defects in materials and workmanship for the period stated above, from the date of purchase, provided that the product is used in accordance with accompanying recommendations or instructions where provided. This warranty is in addition to your rights under the Australian Consumer Law.

You will be provided with a refund, repair or exchange by Sanli for this product if it becomes defective within the warranty period. Sanli will bear the reasonable expense of claiming the warranty. This warranty will no longer apply where the defect is a result of alteration, accident, misuse, abuse or neglect.

Please retain your receipt as proof of purchase and contact Sanli's Customer Service Centre on **1800 466 068** or alternatively, via email at **support@sanli.com.au** for any difficulties with your product.

Our goods come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure.

For New Zealand customers, this warranty is in addition to statutory rights observed under New Zealand legislation.

This warranty does not cover;

- Commercial use
- Normal wear and tear
- Oiled air cleaner or starting difficulty caused by mower incorrectly tipped on its side
- Consumable items (including oil, blades and spark plugs)
- Defects or faults caused by an act or omission after leaving manufacture
- Incorrect, contaminated or poor quality fuel (older than 3 months) or oil
- Incorrect maintenance or storage of the product
- Water damage or environmental conditions
- Failure to observe safety requirements
- Any loss or damage arising from faulty parts or workmanship
- Transport cost to and from authorised Sanli Dealer

Sanli products are monitored and enhanced on an on-going basis to comply with changing technical standards and requirements. As a result, Sanli reserves the right to alter design and specifications at any time without prior notice.

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## What you get with your Sanli mower.

- Petrol engine lawnmower
- Rear grass catcher
- Basic tool kit
- 600ml container of SAE30 engine oil
- 2 x lower handles
- 1 x upper handle



# Tips on mower safety.

**WARNING!** The information contained within this safety section is extremely important. Personal injury to the user and to others may result if this section is not read and acted upon at all times.

1. Before starting your mower inspect it carefully to ensure that there are no loose parts and that it is in good working order.
2. Be sure of your footing. Always walk, never run, when operating the mower.
3. Clear the area to be mowed of any stones, sticks, wire and debris before beginning, and always ensure that you mow a safe distance away (over 14 metres) from adults, children and animals.
4. Keep hands, feet and clothing away from the mower's moving parts, and always wear appropriate footwear (avoid sandals or open shoes).
5. Never put your hands or feet underneath the chassis of the mower while the engine is running.
6. Be aware that the machine's exhaust area and other parts of the mower get very hot during, and right after use.
7. Turn off the engine and disconnect the spark plug cap before cleaning, transporting, or making adjustments, and never leave the mower unattended.
8. Mow across the face of slopes, not up & down, and avoid mowing on very steep slopes. We recommend you avoid mowing when it is raining, or after nightfall.
9. Do not operate the machine by pulling it towards you as you risk pulling it on to your feet. Instead, always push and walk behind your mower.

10. Do not fill the tank, or start the mower indoors, or in a poorly ventilated area, as exhaust gases contain poisonous substances and petrol fumes are flammable and dangerous.
11. Always use 95 octane regular unleaded petrol not more than 3 months old. Fill the tank using a funnel, but never completely. Clean up any overflow or splashes before starting.
12. To inspect the underside of your mower, only tilt the mower to your right when standing behind it (this is the side where the exhaust is near the ground) otherwise oil may leak into inappropriate areas of the engine. Never tilt the mower when the engine is running.
13. Turn off the engine before emptying the grass catcher, and before clearing any grass caught in the rear flap where the grass catcher fits.
14. Do not alter engine governing settings or over-rev the engine, as excessive speed is dangerous and can reduce engine life and void warranty.
15. Never open the fuel filler cap, or fill the tank, if the engine is still hot after use. And please ensure that you securely tighten the petrol cap after filling.
16. Do not transport the mower in a vehicle if there is any petrol in the tank.
17. Store fuel and oil in a cool well-ventilated place, away from direct sunlight and not near gas cylinders or hot water heater systems.
18. Do not smoke when filling the fuel tank, using the mower, or when petrol is in the immediate area. And never use or store the mower near a naked flame.
19. Sanli recommends that you wear a safety helmet, ear protectors, safety goggles and safety boots when using a mower.
20. All servicing and repair work under warranty must be carried out by an Authorised Sanli Dealer, otherwise the 24 month warranty may be void.

# Assembling the handle.

Insert the lower handle arms into the holes located at the rear of the cutting deck. Line up the holes in the handle arms and the cutting deck and fix into place using the nuts and bolts provided.

The upper handle is fixed to the lower handle using the toggles provided as shown in figure 2.



Figure 1.



Figure 2.

# Attaching the grass catcher.

The grass catcher attaches easily by lifting the mower's rear flap and inserting it.

Just lift the rear flap with one hand and then locate the catcher onto the lugs provided at the rear of the deck.



# Adjusting the Cutting Height.

**WARNING!** Turn mower off before adjusting cutting height lever.

The lawnmower has three cutting heights. It is supplied with the height set in the middle position. Sanli strongly recommends that you leave the cutting height at the factory level as it encourages a healthier lawn.

Each of the wheels have three mounting holes as shown in figure 1.

The following procedure must be repeated for all four wheels.

Use a thin blade to lever off the wheel cap, see figure 2. Use the double ended box spanner supplied to undo the wheel retaining bolt and remove the wheel, see figure 3.

**NOTE:** The wheel bolts on the left side of the lawnmower (when viewed from behind the mower) have a reverse thread so that they do not loosen during normal use. When you remove the wheel caps on the left side wheels you will see an arrow on the bolt heads indicating the direction to undo the bolts.

Replace the wheel retaining bolt and wheel in the appropriate mounting hole for the desired cutting height. The lowest mounting hole will give the highest cutting height. The highest mounting hole will give the lowest cutting height.

Replace the wheel caps.



Figure 1.



Figure 2.

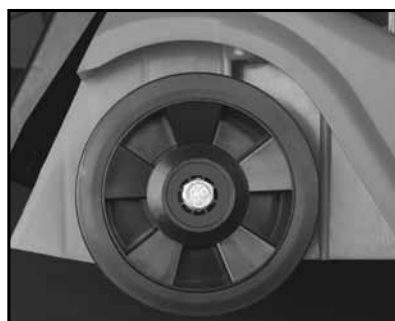


Figure 3.

# Before you begin.

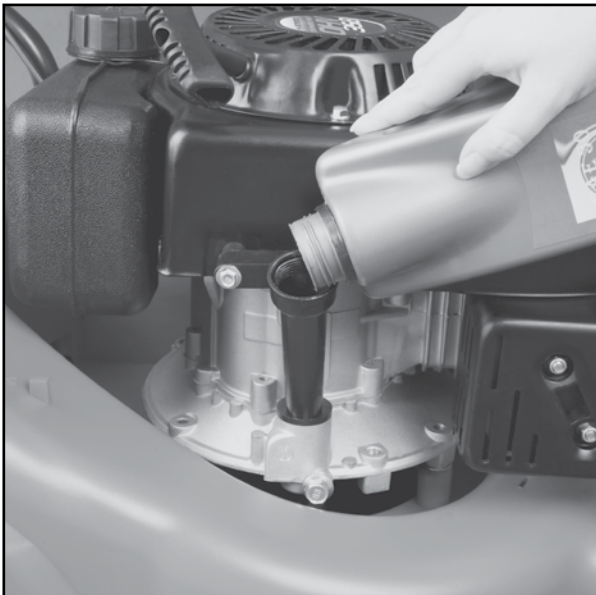
**WARNING!** The following procedures must be carried out before you start the engine of your mower.

## 1. Fill oil sump with oil.

The mower is NOT supplied with oil in the engine, however, a container with the correct amount of oil (600ml) is supplied. It is essential that this is added before starting the engine for the first time.

Firstly, remove the warning label from under the dipstick, then remove the dipstick and slowly pour the entire contents of the container into the engine via the oil filler. Replace the dipstick and tighten.

Before you use the mower each time, check the oil level and if necessary top up with SAE30 engine oil. To check the oil level, just unscrew the yellow dipstick, wipe with a clean rag and replace into the oil filler, but do not screw it back in place, and remove again. The oil level must be on or just below the MAX mark on the dip stick.





### 3. Oil changing.

Sanli recommends that the first oil change is carried out after the first 5 hours of mower use. Thereafter, change the oil after every 25 hours of use or at least once a year. Also check your oil level before mowing every time to ensure that the engine is being fully protected. Sanli mowers run on SAE30 engine oil.

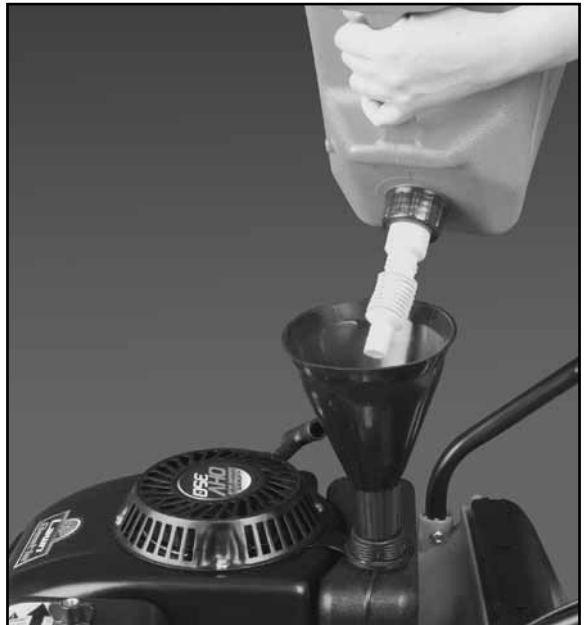
Before changing the oil, leave the engine running outdoors for several minutes to warm the oil and make it more fluid. **Warning:** parts of the engine will become very hot and can cause severe burns.

Remove the spark plug cap and unscrew the oil level dip stick. Place a suitable container beneath the mower's oil filler pipe and tilt the mower onto its side with the air filter and carburettor uppermost. Allow the oil to drain completely into the container. Return the mower back onto its four wheels and fill the engine with new SAE30 engine oil as described on page 8.

### Fill fuel tank with 95 octane regular unleaded petrol.

Petrol is highly flammable so extreme caution must be taken when handling it. Always store petrol in approved containers and you must ensure that you use fresh petrol that is less than three months old. Do not mix oil with petrol.

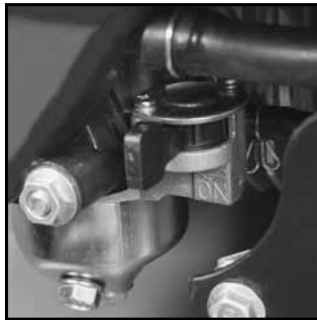
To put petrol in the fuel tank, firstly remove the warning label from under the petrol cap. It's best to fill the tank using a clean funnel, but never fill it completely. Instead, leave at least 13mm from the bottom of the filler neck to allow for expansion. Ensure that you securely tighten the petrol cap after filling.



# Starting the engine.

**WARNING!** Keep hands, feet, and clothing well away from moving parts, the exhaust, and the engine cowling. Refer to 'Tips on mower safety' on pages 4 and 5 for more information.

1. Make sure that your mower is on a safe, flat area (a paved area or path is ideal – avoid thick wet grass and gravel surfaces) to make starting safe.
2. Move the throttle control lever located on the handle to the 'Start' position.
3. Slide the 'Red' petrol tap lever to the left 'On' position.
4. Firmly hold the top handle with one hand, and then with your other hand pull the cord slowly until you feel resistance. Then pull vigorously.
5. When the engine has been running for at least 3 seconds (more time on cold days) adjust the throttle control lever to the 'Fast' position.
6. To turn off your mower, slide the throttle control lever down to the 'Stop' position. After it has stopped, slide the 'Red' petrol tap lever to the right 'Off' position.



# Basic maintenance made easy.

**WARNING!** If your mower is not serviced correctly, you could reduce your mower's ability to operate and void warranty.

## Spark plug.

Firstly, wait until the engine has cooled before disconnecting the spark plug cover and then removing the spark plug with the box spanner supplied. If it is dirty, you can clean the plug with a wire brush.

For best results we advise you to replace the spark plug after 100 hours of use. The replacement spark plug is NGK BPR 6ES. When refitting the spark plug do not over-tighten. If adjusting yourself, note the spark plug gap must be set to 0.75mm.



## Air filter.

Ensure the engine is cool, unscrew the top air filter nut, lift up the cover and remove the air filter element. Put the cover back on the housing immediately to prevent any objects falling into the air intake.

Either carefully brush off any excess dirt particles, or replace the air filter with a new one. To protect your warranty, only use a genuine Sanli air filter. We recommend that you replace the air filter after every 12 months of regular usage. When the air filter has been cleaned or replaced, screw-in the cover, taking care not to over-tighten.



## Oil changing.

Sanli recommends that the first oil change is carried out after the first 5 hours of mower use. Thereafter, change the oil after every 25 hours of use or at least once a year. Also check your oil level before mowing every time to ensure that the engine is being fully protected. Sanli mowers run on SAE30 engine oil.

## Using and storing petrol.

After three months, unleaded petrol begins to break down and may make your lawnmower difficult to start. If during the colder months you have not mowed in a while, you should drain the remaining fuel and replace with fresh unleaded.

Remove the fuel cap, then release the spring clip on the black hose leading into the fuel filter and then disconnect the hose ensuring you squeeze it together firmly. Then release your grip on the hose to allow the fuel to drain out into an appropriate container.



## Cutting blade.

Extreme care should be taken with the cutting blade. Ensure the mower is off and the spark plug lead disconnected from the spark plug, to prevent accidental ignition.

Remove the grass catcher and then hold up the rear flap in order to inspect the cutting blade. Check every few months to make sure that it is not damaged, loose or worn.

If you are planning to change the blade yourself, use thick work gloves and take extreme care at all times. A full range of parts is available from your Authorised Sanli Dealer.

# Technical specifications.

Model number	LBP350
Petrol engine	3.5 hp (2.6 kW) OHV 4 Stroke
Engine speed	2,800 rpm
Engine power	2.35 kW @ 3,000 rpm
Spark plug	NGK BPR 6ES
Engine oil	SAE30 – 600ml
Chassis	Polypropylene
Cutting width	39.5 cm
Adjustable cutting heights	3
Grass collection capacity	40 litres
Noise level	73.6 dB(A)
Weight (including catcher)	26kg

# Mower features.



1	Throttle control lever	6	Spark plug cap
2	Grass catcher	7	Oil filler
3	Grass discharge flap	8	Petrol cap
4	Warning label	9	Handle toggles
5	Petrol tap	10	Handle assembly

# Fast trouble shooting

Often, a depleted, loose, or dirty spark plug is responsible for a mower not being able to start, but there can be a number of other reasons. Refer below to the list of potential problems you may encounter, along with suggested remedies. For servicing and all warranty work, contact your local Authorised Sanli Dealer.

Problem	Likely cause	Suggested remedy
Engine does not start.	Throttle lever not set properly Out, or almost out, of fuel Spark plug depleted Spark plug dirty Spark plug not connected Flooded engine Old petrol in the tank Water in the fuel tank	Set to 'Cold Start' for cold or a little lower when warm Fill tank with <u>95 octane</u> regular unleaded petrol Replace with a suitable new spark plug Clean or replace with a new spark plug Press firmly on the spark plug cover Turn fuel 'off' then zip until it starts, then turn 'on' Drain stale fuel and replace with new unleaded Contact an authorised Sanli dealer
Engine stops often	Blocked fuel supply Fuel cap is not venting Wrong type of fuel	Ensure the fuel line is not pinched or blocked You may need to slightly loosen the fuel cap Drain petrol tank and fill with new unleaded
Engine loses power	Dirty air cleaner filter Blocked fuel cap vent holes	Clean or replace with a new Sanli air-filter Ensure the 3 holes in the fuel tank cap are clear
Mower vibrates too much	Loose cutting blade Bent or broken blade Excessive grass/dirt build-up	Check and tighten bolt Replace blade Clean and ensure underside clear of build up



Call the Sanli Customer Service Desk on 1800 466 068  
Email: [support@sanli.com.au](mailto:support@sanli.com.au) Web: [www.sanli.com.au](http://www.sanli.com.au)  
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