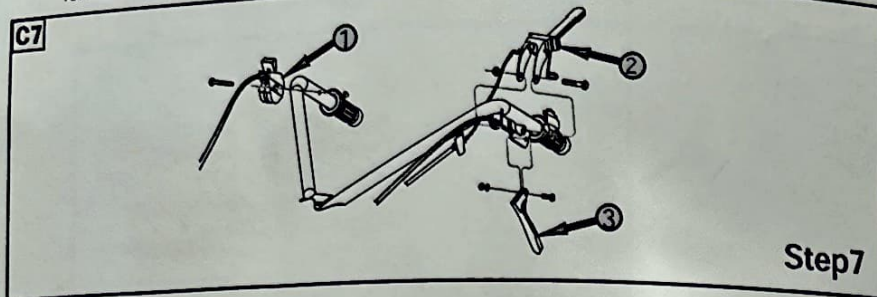


Step7. Install the throttle lever1, cutting clutch2 and forward clutch3 as illustrated(Fig.C7)



Step7

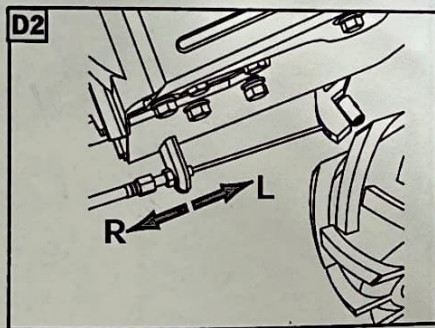
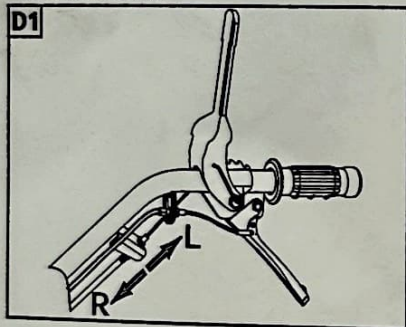
Note: The shake of this machine is very big on its work, so every bolt or nut must be tightened specially.

Adjustment

Note: All the adjustments are started after off the engine.

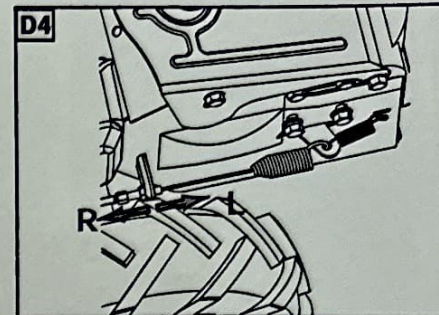
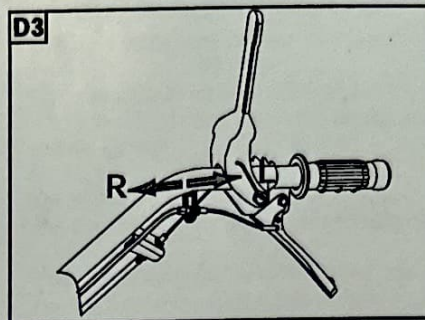
a). Cutting clutch distance adjust

- If the cutting clutch distance is too short, you can adjust the cutting clutch line to L(Fig.D1) or R(Fig.D2) direction.
- If the distance is too long, you can adjust to reverse direction.



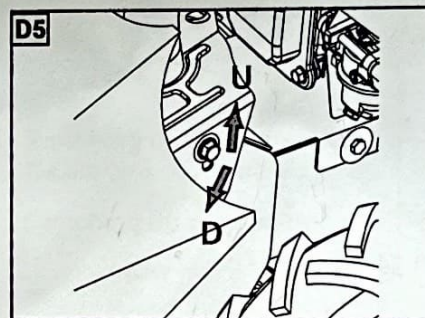
b). Forward clutch distance adjust

- If the forward clutch distance is too short, you can adjust the forward clutch line to L(Fig.D3) or R(Fig.D4) direction.
- If the distance is too long, you can adjust to reverse direction.



d). Handbar height adjust(Fig.D5).

To adjust the handbar height, loosen the bolts on the two side, select the appropriate height, retight the bolt.

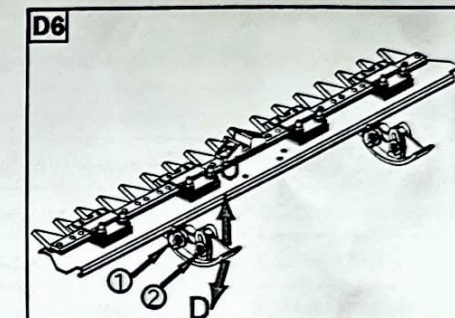


e). Cutting height adjustment (Fig.D6)

steplessly adjustable cutting height up to approx. 6cm

- Loosen nut1 and 2.
- Move the skids to the required height.
- Retighten the nuts.

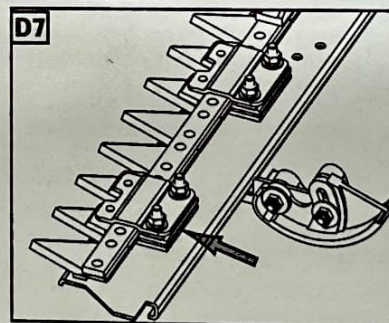
⚠ Both skids must be set to the same height !



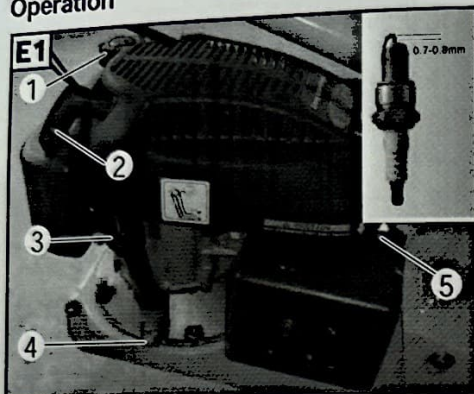
f). Cutting bar adjustment(Fig.D7).

After using a period, the upper blade and down blade of the cutting bar become loose, you can take out some pieces washers1.

⚠ Four positions must be set to the same thickness!



Operation



1. Pre-operation check

a) Engine oil (Fig E1)

CAUTION: Running the engine the low level cause serious engine damage.

- Remove the oil filter cap 3 and wipe the dipstick clean;
- insert the dipstick into the oil filler neck, but do not screw it in;
- if the level is low, fill to the top of the oil filler neck with the recommended oil.

Use high-detergent, premium quality 4-stroke engine oil

Temperature for use	Degree of oil viscosity
From -10° C to 0° C	SAE 10W or 10W-30, 10W-40
From -0° C to 25° C	SAE 20W or 10W-30, 10W-40
From -25° C to 35° C	SAE 30W or 10W-30, 10W-40
From -35° C to 45° C	SAE 40W

b) Gear box oil.

Gear oil has been filled at the works.

c) Fuel (Fig. E1)

Use automotive gasoline (unleaded or low leaded is preferred to minimize combustion chamber deposits).

Never use an oil/gasoline mixture or dirty gasoline.

Avoid getting dirt, dust or water in the fuel tank.

- Open the tank cap 1

- turning it in an anti-clockwise direction

- Fill the tank up to a maximum of 3cm beneath the cap.

- close the tank cap by turning it in a clockwise direction.

Adjustment

Before start the engine, please do the adjustment, which is introduced in upper content.

Start the engine

Cold engine start-up

- Line the throttle lever up with the symbol

- Pull energetically on the ignition knob 2 (Fig. E1) and release it once the engine has started.
- After a few seconds, position the throttle lever in an intermediate position between the symbol and the symbol

Hot engine start-up

- Put the throttle lever in an intermediate position between

- Pull energetically on the ignition knob and release it once the engine has started.

Switching on the cutter bar

Unlock the safety catch 7 (Fig. A). Fully depress the cutting clutch lever 6 (Fig. A) and hold it tight.

Engaging the wheel drive

Squeeze the forward clutch lever 8 (Fig. A) and hold tight to the handlebar

Disengaging the wheel drive

Release the forward clutch lever.

Switching off the cutter bar

Release the cutting clutch lever

Switching off the engine

Move the throttle lever to "O" position.

Maintenance and servicing



Before carrying out any maintenance or cleaning work, pull off the spark plug connector!

Do not spray the mower with water. Water that enters the ignition system or the carburettor may lead to malfunctions. Clean the mower with a cloth, hand brush, etc.

Replacing the engine oil

Check the oil level on a daily basis and top up if necessary. Replace the oil after the first month or after the first 20 hours of use. Then replace it every 6 months or after every 80 hours of use.

Spark plug

Check it every 3 months or after every 50 hours of use, and replace it if necessary. See the specification in reference to the spark plug type.

1. Remove the cap 5 (Fig. E1) and unscrew the spark plug with the relative spanner.

2. Examine the spark plug and remove any carbon residue with a metal brush. Replace the spark plug if the electrode is excessively worn or the insulation is damaged.
3. Measure the distance between the electrodes: it should be between 0.7 and 0.8 mm (Fig. E1).
4. Screw the spark plug back in by hand.
5. Secure a used spark plug with around 1/4 turn of the spanner, and a new one with around 1/2 turn of the spanner.

Air filter

Clean it every 3 months or after every 50 hours of use, and replace it if necessary.

1. Unscrew the filter box knobs
2. Remove the cover.
3. Remove the filter.
4. Knock it gently on a flat surface.
5. Replace the filter in its housing.
6. Replace the box cover and screw on the knobs.

Fuel tubes

Make sure that there are no cracks in the fuel pipe and that the joints are solid on a daily basis. Check that there are no fuel leaks. Replace where necessary.

Cutter bar

Clean the cutter bar after every use, particularly the guidance and sliding surfaces. This means dismantling the cutter. Afterwards, oil all moving parts.

Use only biodegradable lubricants!

Expert inspection is required

for the following:

- if the mower strikes an object
- if the engine stops suddenly
- if the cutter bar is bent
- if the gears are damaged
- if the V belt is defective

Drive gears

Check the oil level in the gearbox regularly

- Make sure the mower is horizontal.
- Unscrew the oil plug.
- Oil level: up to lower edge of filling opening. Top up with gear oil, if necessary.
- Oil grade: gear oil SAE 80
- Oil capacity for mowers with: approx. 0.25 l

Troubleshooting



Before carrying out any maintenance or cleaning work, pull off the spark plug connector!

Fault	Remedial action
Engine does not start	If the engine is cold: press the primer Full up with petrol Move the throttle lever to the start position Push the spark plug connector onto the spark plug Check the spark plug. Replace, if necessary Clean the air filter
Engine power reduced	Resharpen / replace the blades → customer service centre Clean the air filter
Inexact cut	Resharpen / replace the blades → customer service centre Readjust the cutting play
Cutter drive / wheel drive not functioning	Readjust Bowden cable V - belt defect → customer service centre

Faults that cannot be rectified with the aid of this table must be eliminated by an authorised workshop only (customer service centre).



Specification

	ca.135cm x 93cm x 105cm
	ca. 55kg/61kg(pneumatic/solid)
	87cm
	5.0HP 3600 ⁻¹
	5.00-6 / 4.00-6
	ca. 2.5km/h
	L _{WA} 105 dB(A)
	39m/s ²
	F7TC,ND-W20EP,NGK-BP6ES