



FD 280

Hydrostatic Lawnmower

OPERATOR'S MANUAL **EN**



02250.2026.03

TABLE OF CONTENTS

1. Introduction	3	16. Extraordinary maintenance	21
2. Description and intended use	3	16.1 Engine maintenance	21
3. Safety decals	4	16.2 Maintenance of the hydrostatic transmission	21
4. General safety rules	5	16.3 Cutting deck maintenance and complete disassembly	22
5. General warnings to keep in mind	7	16.4 Belt maintenance	23
6. Identification of use decals	8	16.5 Electrical system maintenance	24
7. Identification of machine controls and functions	9	16.6 Battery replacement	26
8. Identification of cutting deck components	10	16.7 Wheel maintenance	26
9. Identification of grass catcher components	11	17. Troubleshooting guide	27
10. Technical specifications	12	18. Maintenance schedule	28
11. Operating instructions	13	19. Lubrication chart	28
11.1 Checks to be carried out before starting the engine	13	20. Storage and prolonged inactivity	29
11.2 Starting the engine	13	21. Towing the machine with the engine off	29
11.3 Starting the machine	14	22. Technical assistance service	29
11.4 Starting work	14	22.1 Assistance	29
11.5 Grass unloading	14	22.2 Identification data	29
11.6 Work conclusion	14	22.3 Spare parts	29
11.7 Ordinary machine cleaning	15	22.4 Warranty	29
11.8 Useful rules for correct use	15	22.5 How to order spare parts	29
11.9 Sloping terrain and differential	15	23. Transport warnings	30
12. Safety devices	16	24. Disposal	30
12.1 Electronic safety	16	Declaration of Conformity	31
12.2 Parking brake	16		
13. Ordinary adjustments	16		
13.1 Seat adjustment	16		
13.2 Cutting height adjustment	16		
13.3 Adjusting the full grass catcher microswitch	16		
14. Extraordinary adjustments	17		
14.1 Adjusting the parking brake	17		
14.2 Tensioning the chains and adjusting the differential lock	17		
14.3 Adjusting the cutting deck	17		
14.4 Adjusting the ground pressure of the front wheels	18		
15. Ordinary maintenance and lubrication	18		
15.1 Lubrication	18		
15.2 Engine maintenance	20		
15.3 Cutting deck maintenance	21		
15.4 Battery maintenance	21		

Translation of the original manual.
 All information, illustrations and technical specifications in this manual are based on the latest information available at the time of publication.
 Subject to change without prior notice.

1. INTRODUCTION

Dear Customer,

we thank you for the trust and preference you have placed in our Grillo FD 280 and we are confident that the use of your new machine will fully meet your requirements.

For optimal use and maintenance over time, please carefully read and follow the instructions in this booklet; this will enable you to obtain the best results and safeguard your purchase.

Please keep this manual, which should always accompany the machine as an integral part of it.

Reading the operator's manual is very important.

2. DESCRIPTION AND INTENDED USE

The Grillo FD 280 is a ride-on mower designed for grass cutting and collection and foliage collection.

Any other use is considered as improper use.

This machine must only be used by personnel who are familiar with its specific features, safety regulations and all that concerns accident prevention.

Any improper use of the machine will invalidate the warranty and relieve the manufacturer of all responsibility; any risk resulting from improper use will be borne by the user.

Maintenance and repair of the machine must be carried out by qualified personnel following the procedures specified by the manufacturer. Any alteration or tampering will invalidate the warranty and relieve the manufacturer of all responsibility for damage or accidents.

MARKINGS IN THE MANUAL

This manual contains warnings highlighted in bold and marked with these symbols:



CAUTION

This symbol and the text that follows it contain information that highlights possible, even very serious, risks to the safety of the operator and anyone working on the machine if they do not consider the written information and procedures.



IMPORTANT

This heading informs the operator of actions or conditions that could damage the machine.

Read these messages carefully to avoid injury or damage to the machine.

The retailer is responsible for inspecting the machine before delivery and for completing the inspection form "PRE-DELIVERY INSPECTION".

On this occasion the retailer will provide the customer with all the information necessary to use the machine.

The customer will receive the machine in optimum condition.

3. SAFETY DECALS

Sound power level



Danger of machine overturning



Danger of injury caused by sharp blades and objects thrown by the rotation of the blades

Consult the manual



Danger of bursting



Danger of burns



Danger of fire



Danger of injury caused by transmission parts



Danger of gas inhalation



4. GENERAL SAFETY RULES

ACCIDENT PREVENTION RULES

On the machine and in this manual there are warnings and indications accompanied by this symbol:



it indicates the presence of a potential hazard for which particular caution should be taken for your own safety and for the safety of others who may be within the operating range of the machine.



All accident prevention rules in this manual are important and must be observed. Always keep the manual handy and read it carefully to learn how to use the machine safely. Do not allow anyone to use the machine without having received comprehensive instructions.

EXPLANATION OF WARNING DECALS

Danger of injury caused by sharp blades and objects thrown by the rotation of the blades



Do not put your hands or feet under or into the lawnmower when the engine is running. Do not work with the lawnmower on gravel or foreign bodies that can be aspirated and spun by the blades, making them very dangerous.

Keep people at least 15 m away when the machine is running.

Danger of injury caused by transmission parts



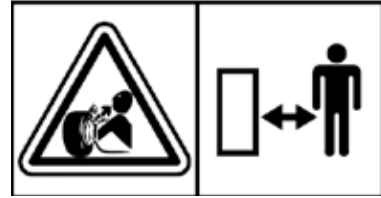
When the engine is running, never touch pulleys or belts, do not carry out maintenance and keep hands away from the designated area.

Danger of machine overturning



Do not use the lawnmower on slippery ground or on slopes with a gradient greater than 15° (26%).

Danger of bursting



Rim separation or tyre bursting can cause serious injury or even death. Be sure to maintain tyre pressure at the levels recommended in this manual, excessive pressure can cause the tyre to burst.

If a tyre is damaged or cut, do not use it, it could burst. To replace or repair it, contact a specialised centre.

Danger of burns



Take particular care not to come into contact with hot engine parts.

Danger of gas inhalation



Exhaust fumes can cause serious damage to health or death.

If it is necessary to start the engine in an enclosed space, use an extension piece to the exhaust pipe to blow out the smoke. Work in a well ventilated area.

Danger of fire



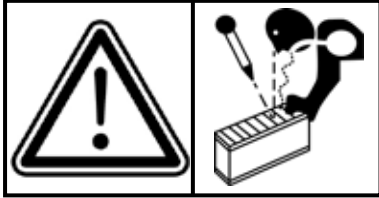
Handle fuel with care as it is highly flammable; do not refuel while smoking, near open flames or sparks, when the engine is running.

Danger of explosion



Keep the battery away from flames or sparks. The gases that may escape are highly explosive.

Danger from acid



The acid contained in the battery is highly toxic if inhaled. It can also cause skin burns, puncture clothing and cause blindness if in contact with the eyes.

PERSONAL PROTECTION EQUIPMENT



Before using the machine the appropriate personal protection equipment must be worn: body protection, protective gloves, safety footwear, hearing protection, goggles.

5. GENERAL WARNINGS TO KEEP IN MIND



WARNING: Read carefully before operating the machine.

Caution is the main requirement in accident prevention! Carefully read the following warnings when using the machine, even before starting work. Improper use can be dangerous. Observe the following precautions:

- Read this manual completely before starting and running the machine;
- Before handing the machine over to other people, make them aware of the safety rules and how to use the machine;
- Pay particular attention to the safety decals on the machine;
- Before starting work, always wear appropriate work wear, long trousers, gloves, safety shoes and goggles;
- The use of hearing protection equipment is recommended when using the machine continuously. Use earplugs or earmuffs that comply with current regulations.

SAFETY IN THE WORKING ENVIRONMENT

- Before switching on the machine, check that there are no animals or people nearby, especially children; the minimum distance is 15 m;
- Before reversing, check that there are no people or obstacles behind the machine;
- Check the ground before mowing, that there are no stones, sticks or foreign bodies, which could be thrown away dangerously;
- Be very careful when working with the lawnmower on land with sandy areas or gravel driveways. Sand and gravel can be aspirated and spun by the blades, making them very dangerous;
- Be careful when working near a road;
- Do not operate near ditches or embankments which may collapse under the weight of the machine, especially if the ground surface is uneven or wet.

DRIVING AND BEHAVIOURAL SAFETY

- Keep ignition keys out of the reach of children;
- Do not allow passengers in the machine;
- Children under 16 years of age must not use the machine;
- Do not use the machine when fatigued or under the influence of alcohol, drugs or medications that impair the physical or cognitive abilities of the operator;
- Be careful while driving and avoid abrupt turns, especially at maximum speed;
- Drive at low speed on uneven ground;
- Slow down on slopes and descents, and always steer slowly;
- Only work in sunlight or with good artificial light;
- Lift and empty the grass catcher only when the machine is stationary and on level ground;
- Do not leave the machine on a slope;
- Before getting off the lawnmower, switch off the PTO, lower the cutting deck if lifted, switch off the engine, apply the parking brake and remove the ignition key.

FURTHER SAFETY MEASURES

- If you hit a foreign object, disengage the blades, stop the engine, remove the ignition key and inspect the cutting device for damage. If damaged, repair it before putting the lawnmower back into operation;
- If the machine begins to vibrate abnormally after a knock, immediately carry out a general check to identify the reason for the anomaly. If necessary, request the assistance of an authorised Grillo workshop;
- The rotation of the mower blades is very dangerous, never put your hands or feet under the cutting deck;
- Before checking, adjusting, repairing or simply cleaning the lawnmower, disengage the cutting deck transmission and switch off the engine;
- Do not place any weight on the seat, as this could deactivate the ignition safety device;
- Do not lift the grass catcher when the machine is running;
- Do not tamper with or disable the safety devices;
- Do not change the engine settings, especially the maximum revs;
- Do not have anyone check the machine while you are driving with the engine running;
- Do not move the machine without the cutting deck, the machine could become unbalanced and driving could be dangerous.

FUEL AND FIRE HAZARD

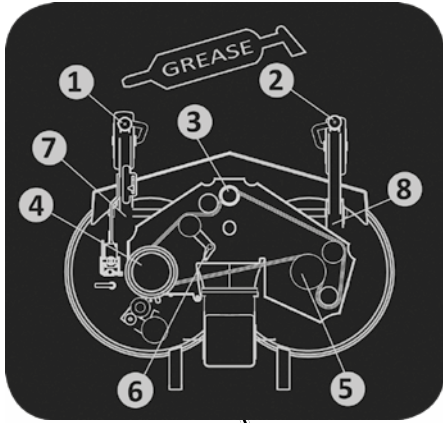
- Only refuel outdoors, always switch off the engine, stay away from sparks or flames, do not smoke! Securely replace tank and fuel container caps;
- Avoid fuel spills. After filling the tank clean up any spillage on the machine before starting the engine;
- Store fuel in containers specifically designed for this purpose;
- If it is necessary to empty the tank, do so outdoors or in a ventilated area;
- Caution! To reduce the risk of fire, always keep the engine compartment, muffler, exhaust manifold, battery, fuel tank area and fuel line clean and free from grass, leaves and dust;
- Do not store the machine in buildings where the fuel vapours could reach flames and sparks;
- **Allow the engine to cool down before storing the machine in an enclosed area.**

SAFE REPLACEMENTS

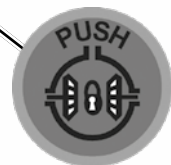
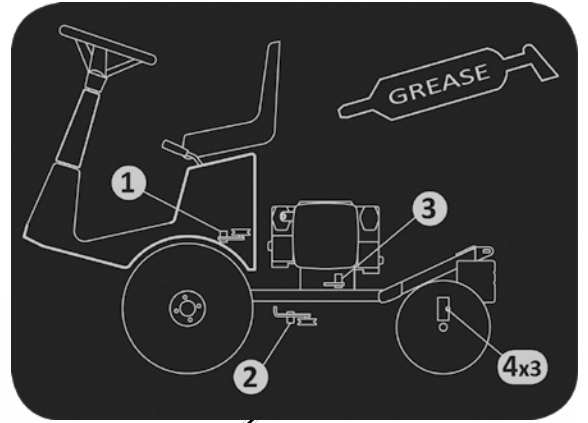
- Deformed or damaged blades must always be replaced, never repaired;
- Replace the muffler if it is worn or damaged;
- The transmission belts are manufactured especially for this lawnmower, do not replace them with other compatible ones, use genuine belts;
- Always use genuine Grillo spare parts and accessories.

6. IDENTIFICATION OF USE DECALS

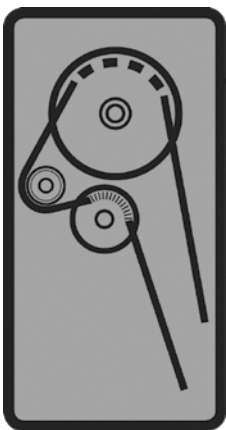
Cutting deck grease points



Machine grease points

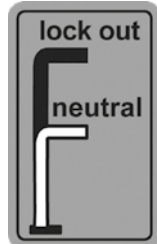


Differential lock

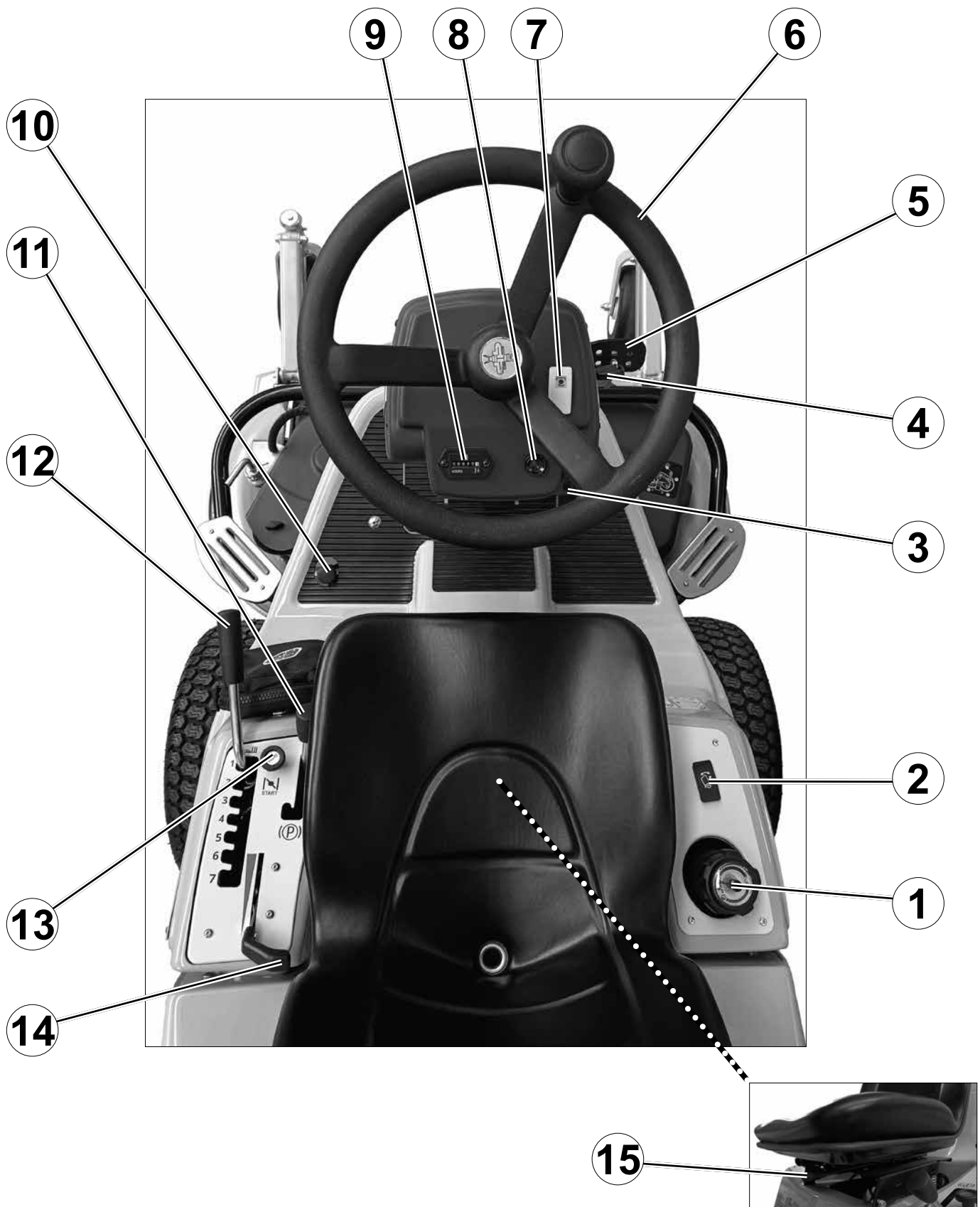


PTO-cutting deck belt tensioner

Bypass hydrostatic transmission



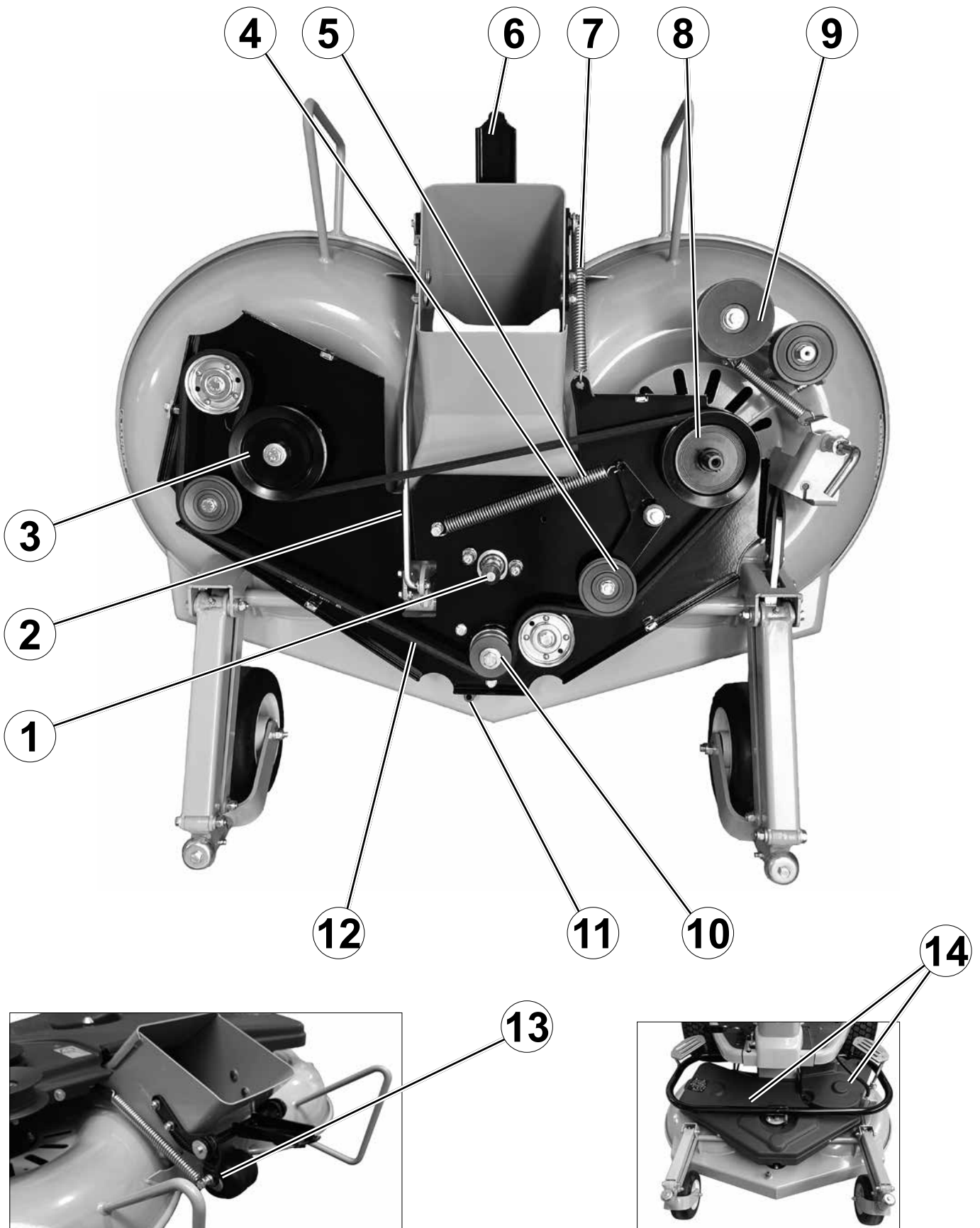
7. IDENTIFICATION OF MACHINE CONTROLS AND FUNCTIONS



1. FUEL TANK CAP WITH LEVEL INDICATOR
2. GRASS CATCHER TIPPING BUTTON
3. REVERSE PEDAL
4. IGNITION KEY
5. FORWARD PEDAL
6. STEERING WHEEL
7. PTO SWITCH
8. ENGINE OIL WARNING LIGHT

9. HOUR METER
10. DIFFERENTIAL LOCK PEDAL
11. PARKING BRAKE LEVER
12. CUTTING HEIGHT ADJUSTMENT LEVER
13. CHOKE LEVER
14. THROTTLE
15. SEAT ADJUSTMENT LEVER

8. IDENTIFICATION OF CUTTING DECK COMPONENTS



1. CUTTING DECK FRONT COUPLING/ATTACHMENT PIN
2. CUTTING DECK INCLINATION ADJUSTMENT ROD
3. RIGHT BLADE PULLEY
4. DRIVE BELT TENSIONER
5. TENSIONER SPRING
6. CUTTING DECK REAR ANCHORAGE
7. CUTTING DECK REAR ANCHORAGE SPRING

8. LEFT BLADE PULLEY
9. PTO BELT TENSIONER
10. FRONT BLADE PULLEY
11. CONNECTION NOZZLE FOR WASHING HOSE
12. DRIVE BELT
13. ANTI-SCALP WHEEL
14. TRANSMISSION PROTECTION COVERS

9. IDENTIFICATION OF GRASS CATCHER COMPONENTS



1. GRASS CATCHER DOOR
2. GRID
3. LOADING CHUTE
4. FULL GRASS CATCHER MICROSWITCH
5. CLOSING MAGNET

10. TECHNICAL SPECIFICATIONS

MODEL: FD 280, hydrostatic lawnmower with front cutting deck and direct grass loading.

ENGINE: BRIGGS & STRATTON VANGUARD 16, 14 HP (10.3 kW) at 3300 rpm, 479 cc OHV, 4-stroke 2-cylinder petrol engine, oil pump.

FUEL TANK CAPACITY: 8 litres (including 1,5 litres reserve).

STARTER: electric 12 V.

DRIVE: hydrostatic 2-wheel drive with parking brake and differential.

DIFFERENTIAL LOCK: mechanical with pedal control.

DRIVING SYSTEM: steering wheel with pedal operated forward and reverse gears.

PTO: electromagnetic, with integrated blade brake.

SPEED: 0 - 10 km/h continuously variable.

WHEELS: front 18x9,50-8 GARDEN; rear 13x6,50-6 GARDEN.

SEAT: sprung with adjustable slides.

STEERING WHEEL: mounted on steering column, with knob.

TURNING RADIUS: 30 cm

AUTOMATIC FEATURES: grass catcher door opening.

BRAKE: disc parking brake.

GRASS CATCHER: 280 litres capacity with magnetic closure and automatic opening during unloading.

CUTTING DECK: 3 blades with central collection.

CUTTING HEIGHT: 7 different cutting positions from 3 to 9 cm manually adjustable from the driver's seat.

CUTTING WIDTH: 113 cm

HOURLY MOWING CAPACITY: 6000 m²/h

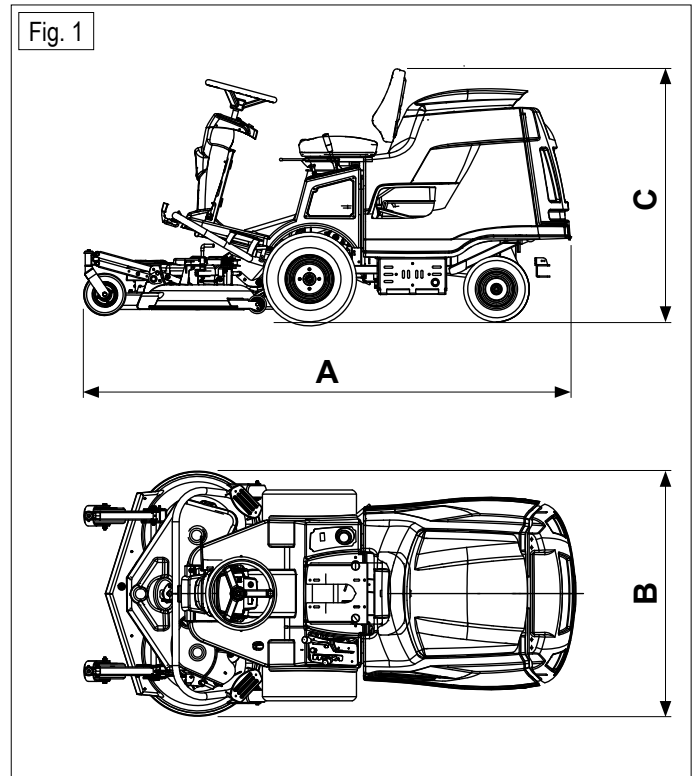
ATTACHMENTS:

- mulching kit;
- leaves collection kit.

SIZE (with cutting deck - fig. 1):

- Length (A): 238 cm;
- Width (B): 119 cm;
- Height (C): 120 cm.

WEIGHT (with cutting deck): 320 kg.



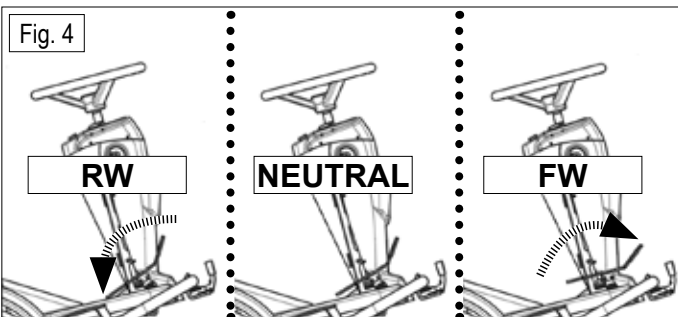
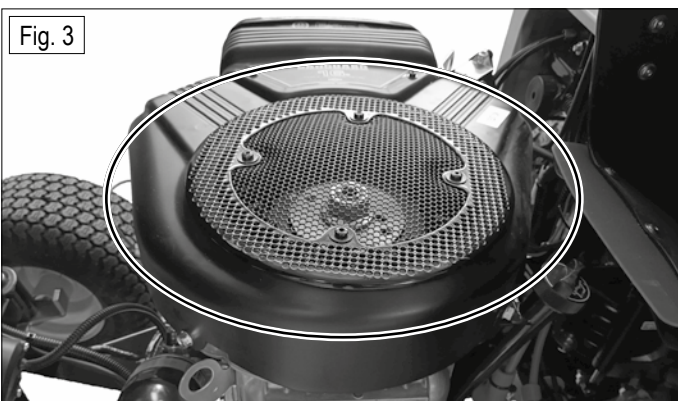
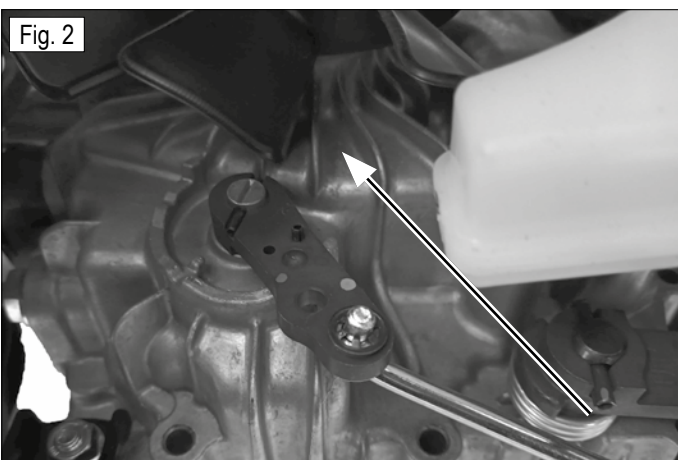
11. OPERATING INSTRUCTIONS

11.1 CHECKS TO BE CARRIED OUT BEFORE STARTING THE ENGINE

Check that:

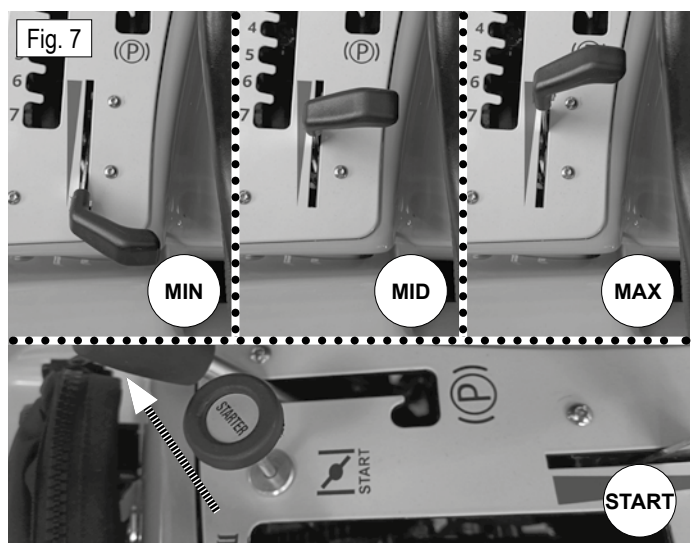
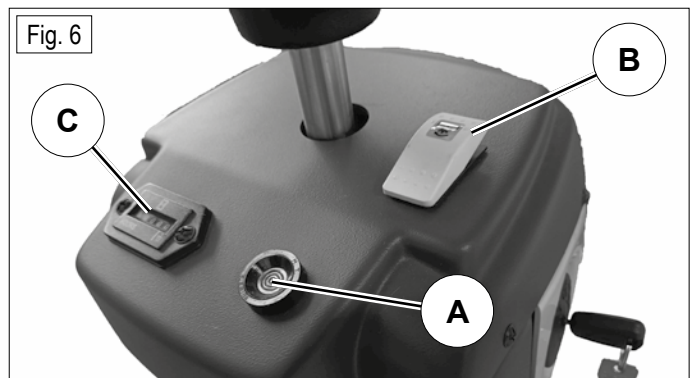
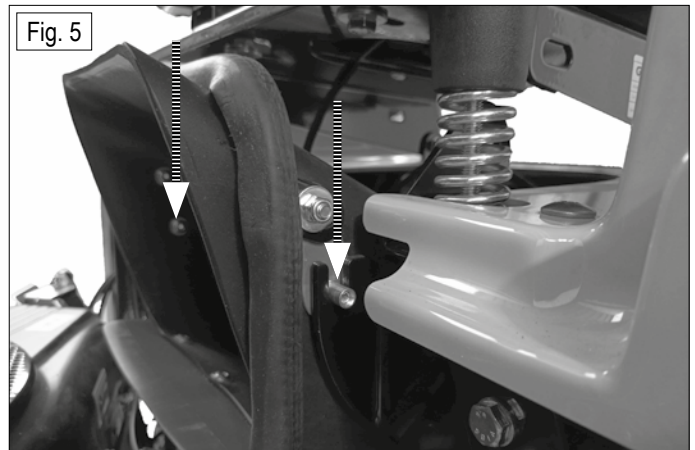
- The hydrostatic transmission cooling fins are well clean (fig. 2);
- The intake grille for the engine cooling is clean (fig. 3);
- The engine oil is level;
- The forward/reverse pedal is in the neutral position (fig. 4/ NEUTRAL);
- The engine air filter is well clean;
- The cutting deck and loading chute are well clean and correctly fitted (fig. 5);
- The PTO switch (fig. 6/B) is off;
- There is sufficient fuel inside the tank.
- The tyres are at the correct pressure: 1.5 bar - 22 psi;
- The blades are sharp and securely mounted.

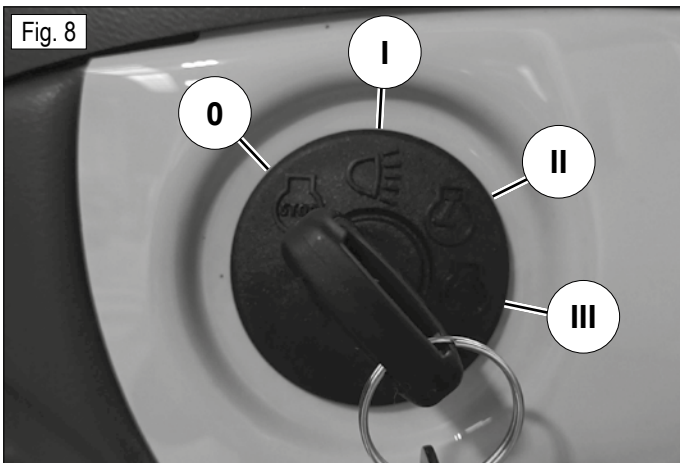
For detailed fluid levels see 15. Ordinary maintenance and lubrication.



11.2 STARTING THE ENGINE

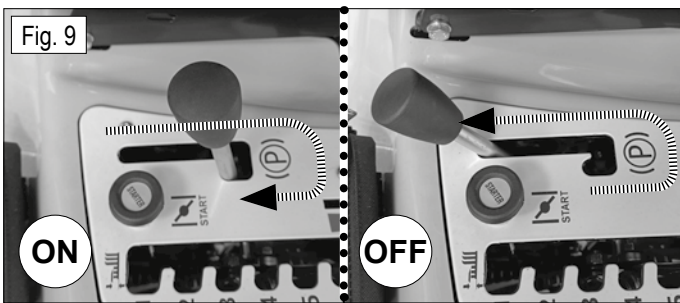
1. Set the throttle lever to the middle position (fig. 7/MID);
2. If the engine is cold, activate the choke (fig. 7/START);
3. Insert the key into the steering column;
4. By turning the key one position (fig. 8/I) the electrical circuit is powered: the control unit performs a safety and function check and a red led lights up on the dashboard (fig. 6/A);
5. By turning the key to the last position (fig. 8/III) the engine is started;
6. Release the key after starting, it will return to the working position (fig. 8/II); to switch on the work-light the key must be turned back one position (fig. 8/I);
7. Deactivate the choke (if activated);
8. Wait a few minutes for the engine to reach the operating temperature.





11.3 STARTING THE MACHINE

1. Adjust the seat and carry out the necessary checks as described above;
2. Start the engine;
3. Release the parking brake by removing the lever from the housing and bringing it forward (fig. 9/OFF);
4. Press the travel pedal gently (fig. 4/FW) and start work. Use the lower part of the pedal (fig. 4/RW) for reverse. To stop, simply release the forward pedal which will return to the neutral position (fig. 4/NEUTRAL).



11.4 STARTING WORK

1. Adjust the cutting height using the designated lever (fig. 10);
2. Move the throttle to halfway (fig. 7/MID);
3. Engage the PTO (fig. 6/B) and bring the throttle to maximum (fig. 7/MAX);
4. Always check the operation of the PTO safety devices before starting work, i.e. that:
 - The PTO disengages automatically by getting up from the seat;
 - The blades stop in less than 5 seconds.

IMPORTANT: do not engage the blades with the engine at full speed, but bring the engine to half speed and then engage the PTO (fig. 7/MID).

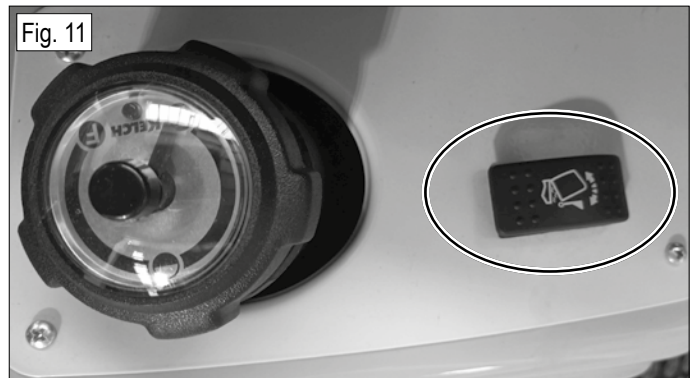
IMPORTANT: always engage the blades a few metres before entering the area to be mowed. This cleans the cutting deck and the loading chute and does not strain the clutch.

11.5 GRASS UNLOADING

1. When the grass catcher is full, a sensor activates an acoustic alarm. The PTO must be switched off manually once the signal is heard. It is possible to keep the blades running when the grass catcher is full and continue mowing if there are only small areas left to finish the job;
2. To empty the grass catcher, use the button (fig. 11) to tilt it and open the rear door automatically.
3. After emptying the grass catcher, use the button to return it to its working position; the rear door will close automatically through a magnetic system.

IMPORTANT: once the full grass catcher acoustic signal has been activated, overfilling the limited remaining capacity will cause the loading chute to become clogged.

IMPORTANT: the responsiveness of the full grass catcher sensor can be adjusted according to the type of grass (see 13.3 Adjusting the full grass catcher microswitch).



11.6 WORK CONCLUSION

Once finished mowing, disengage the blades and empty the grass catcher. Then:

1. Remove the foot from the forward pedal to stop;
2. Set the throttle to minimum;
3. If the cutting deck was raised, lower it to the ground;
4. Switch the engine off by turning the key to the STOP position and apply the parking brake by pulling back the lever and positioning it in the housing (fig. 9/OFF);
5. Finish by cleaning the machine.

11.7 ORDINARY MACHINE CLEANING

At the end of each job, proper cleaning ensures a long service life for the machine and prevents most common inconveniences.

The best way to clean the machine is with compressed air or a blower/vacuum cleaner.

If necessary, use water for the body parts, the cutting deck, the loading chute and the grass catcher; avoid wetting directly the electrical sensor inside the grass catcher.

⚠ CAUTION: always wear appropriate clothing and goggles before starting any cleaning work.

⚠ CAUTION: to reduce the risk of fire, it is very important to keep the engine compartment, muffler, exhaust manifolds, battery, fuel tank area and fuel line clean and free from grass, leaves and dust.

🔧 IMPORTANT: do not use a high-pressure washer in the engine compartment and wherever there are electrical components.

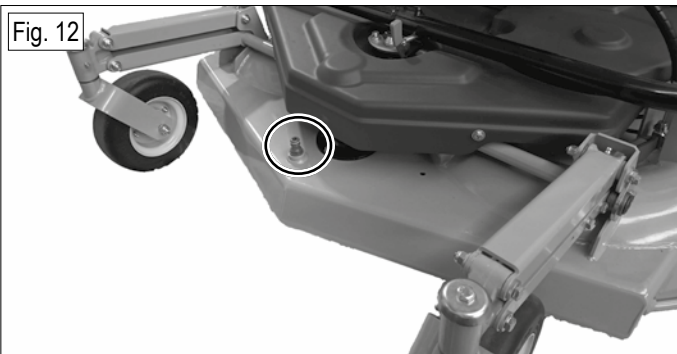
WASHING THE CUTTING DECK

Only and exclusively for washing the cutting deck, and in any case observing all other general safety instructions, this operation must be carried out with the engine running.

The machine must be placed on a solid floor, then lower the cutting height to the minimum, plug the connection nozzle (fig. 12) into the water hose and allow the water to run for a few minutes with:

- The operator sitting in the driver's seat;
- The engine running;
- The forward pedal in NEUTRAL;
- The blades engaged.

After using water, run the transmissions for a few minutes, including the cutting deck transmission, to ensure that all components have dried.



11.8 USEFUL RULES FOR CORRECT USE

The machine can work even under severe conditions without clogging problems. A few measures must be taken and all devices must be correctly adjusted.

- Before starting work, check that the cutting deck and the loading chute are perfectly clean and free of grass and dirt;
- Check that the loading chute is correctly positioned (fig. 5);
- Check the ground before mowing: ensure there are no stones, twigs, roots or foreign bodies;
- When mowing, keep the engine at full revs and adjust the forward speed according to the height of the grass. Be careful and slow down when coming across tall or dense grass;
- Check that the blades are not worn, the cutting edge is sharp and the vanes are not damaged. Sharpen the mower blades frequently; the cut will be better and the engine will run at lower consumption (see 16.3 Cutting deck maintenance and complete disassembly).
- If the grass is wet or very tall, do not mow with the cutting deck in the lowest position, but rather set it to an intermediate position and proceed at a moderate speed;
- Engage the blades a few metres before entering the area to be mowed;
- Check the tension of the belt that drives the PTO;
- Check that the acoustic alarm is activated when the grass catcher is full.

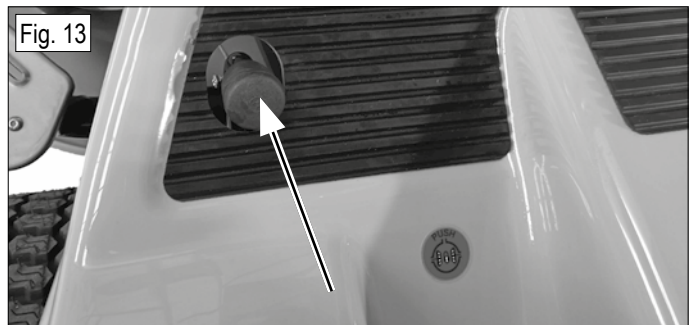
🔧 IMPORTANT: the blades must be fitted correctly. Do not invert the position of the blades.

11.9 SLOPING TERRAIN AND DIFFERENTIAL

Steep terrain should be negotiated in uphill/downhill direction as far as possible, taking great care when changing direction and ensuring that the wheels uphill do not encounter any obstacles (stones, branches, roots, etc.) that could cause the machine to lose control. Consider the various situations and be careful on damp ground and wet grass as the machine may slip. When driving downhill, start at low speed and avoid driving over dry or cut grass as the wheels may lose grip.

It is possible to engage the differential lock by pressing the pedal to the left of the operator (fig. 13) in the condition of wheel slip, or to load the lawnmower on vehicles with ramps. Only engage the differential lock if necessary.

⚠ CAUTION: avoid slopes that are too steep; comply with the safety limits set out in the manual max 15° (26%).



12. SAFETY DEVICES

12.1 ELECTRONIC SAFETY

On the FD 280, an electronic control unit receives signals from the microswitches located on the seat, forward pedal, parking brake and grass catcher. Based on these signals, the control unit generates logic blocks for the safety of the machine and the operator.

Specifically, always remember that:

- The engine:
 - Shuts down if the operator gets up from the seat with the parking brake off;
 - Switches off if the engine oil pressure is insufficient;
 - Will not start if the driver is not seated in the driver's seat, unless the parking brake has been applied first;
 - Will not start if the drive pedal is not in NEUTRAL position;
- The PTO:
 - Does not activate if the driver is not seated;
 - Does not activate if the grass catcher is open.

12.2 PARKING BRAKE

The FD 280 is equipped with a hydraulic drive system, therefore in order to brake it is sufficient to release the travel pedal. To engage the parking brake, pull the lever and position it in the housing (fig. 9/ON). To release the parking brake, simply remove the lever from the housing and bring it forward (fig. 9/OFF). If the parking brake is applied and the travel pedal is depressed, an acoustic alarm is activated to warn the operator to release the brake.

With the parking brake applied, it is possible to leave the driver's seat with the engine running.

13. ORDINARY ADJUSTMENTS

13.1 SEAT ADJUSTMENT

Before starting work, it is recommended to position the seat in the most comfortable position and with the most control over the machine. To adjust the seat forwards or backwards, move sideways the lever on the left-hand side of the seat (fig. 14), then move the seat.



13.2 CUTTING HEIGHT ADJUSTMENT

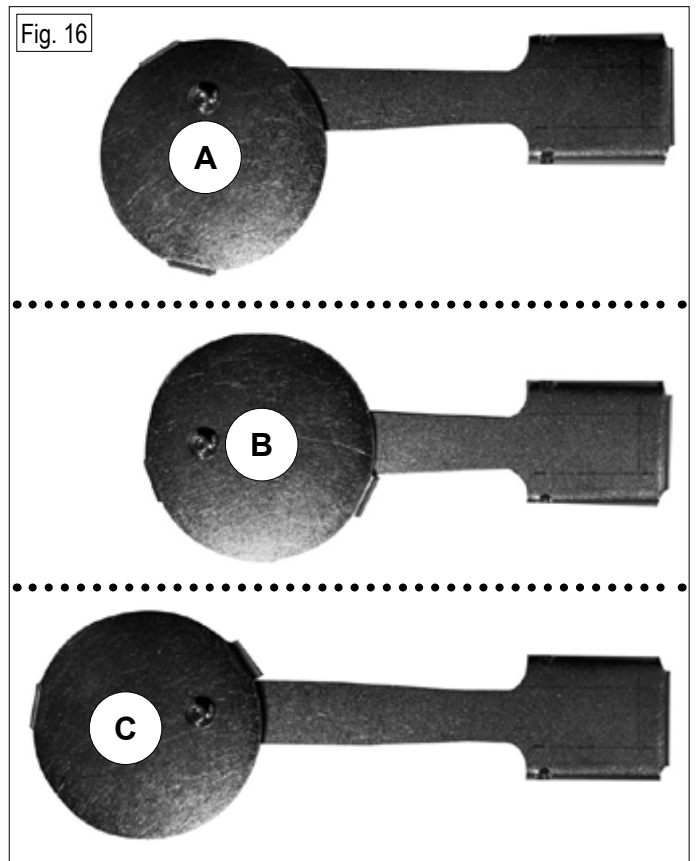
To adjust the cutting height use the dedicated lever (fig. 10).

In the event of uneven ground, dips or bumps, it is advisable to operate the cutting deck in the highest cutting setting in order to avoid impact on the blades. To this purpose, there is one anti-scalp wheel at the rear of the cutting deck (fig. 15).



13.3 ADJUSTING THE FULL GRASS CATCHER MICROSWITCH

It is important to adjust the position of the plate according to the type of grass to be cut in order to ensure that the grass catcher is completely filled. Under normal cutting conditions, the plate should be adjusted to the middle position (fig. 16/A). It is recommended to turn it to the retracted position (fig. 16/B) in the case of wet or very tall grass, or to the extended position (fig. 16/C) in the case of short, dry grass or foliage.



14. EXTRAORDINARY ADJUSTMENTS

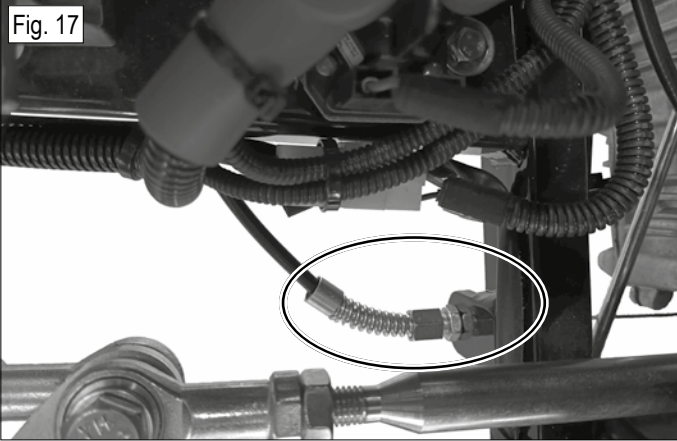
⚠ CAUTION: the adjustment procedures described below require technical skills and expertise.

It is advisable to contact an authorised Grillo centre to undertake these procedures.

14.1 ADJUSTING THE PARKING BRAKE

If the parking brake is ineffective, it is possible to adjust it using the adjuster located on the right side of the chassis behind the hydrostatic transmission (fig. 17): by loosening the lock nut and loosening or tightening the lever, it is possible to vary the tension of the cable connected to the lever.

Fig. 17



14.2 TENSIONING THE CHAINS AND ADJUSTING THE DIFFERENTIAL LOCK

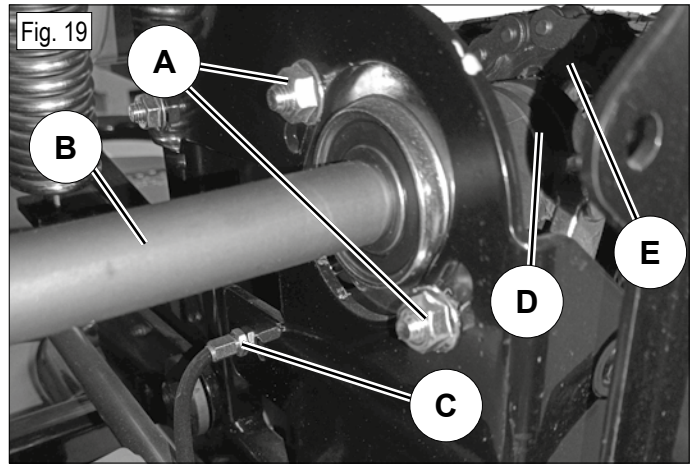
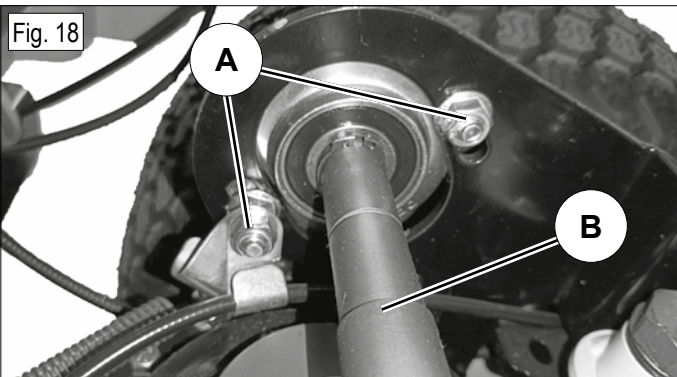
If the differential lock chains are slack, it is possible to increase their tension. Proceed as follows:

1. Loosen the bearing fixing bolts (fig. 18/A and fig. 19/A);
2. Manually lift the shaft (fig. 18/B and 19/B) until the chain is sufficiently tight. Avoid over-tightening the chain;
3. Retighten the bearing fixing bolts;
4. Check the tension of both the right and left chains;
5. Lubricate with grease the chain and the coupling.

The tension of the differential lock cable can be adjusted using the adjuster on the right-hand side of the frame (fig. 19/C). When the lock is disengaged, the sliding coupling (fig. 19/D) must not be in contact with the drilled chainering (fig. 19/E).

⚠ IMPORTANT: do not tighten the chains fully; leave a minimum amount of slack to prevent premature wear and/or breakage. Lubricate with grease the chains and the coupling.

Fig. 18



14.3 ADJUSTING THE CUTTING DECK

Good planarity of the cutting deck is essential for an evenly mowed lawn. Place the lawnmower on a smooth, level surface and lower the cutting height to the minimum. Then:

1. Check the correct tyre pressure (1.5 bar - 22 psi);
2. Check the distance of the edge of the cutting deck from the ground at the points indicated (fig. 20). In A the measurement must be 15/20 mm, in B it must be greater than A by about 5/10 mm;
3. If necessary intervene:
 - On the cutting height adjustment cable register (fig. 21) to adjust the height of the front part;
 - On the front wheel slots (fig. 22) to adjust the difference in height between the left and right-hand sides;
 - On the tie rod adjuster of the cutting deck (fig. 23) to adjust the tilt.

Fig. 20

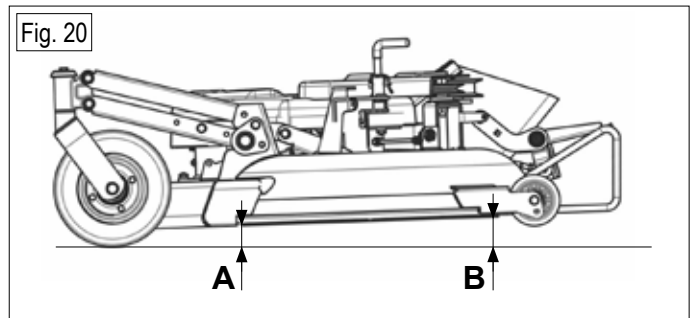
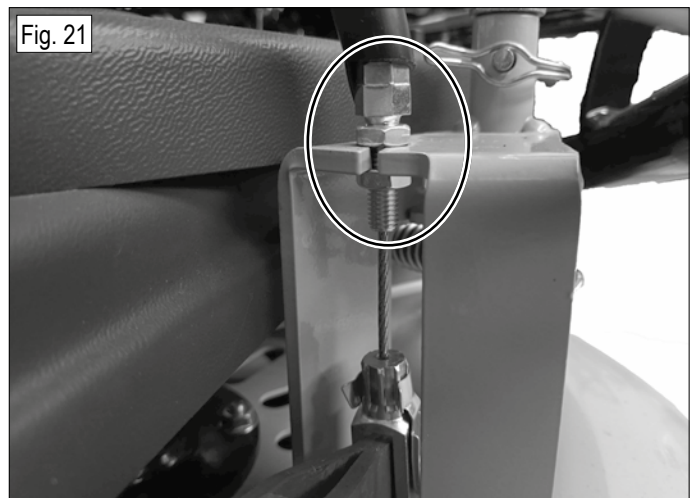


Fig. 21



15. ORDINARY MAINTENANCE AND LUBRICATION

CAUTION:

- If the machine or part of it has to be lifted, always use suitable tools such as supports and safety locks;
- Always wear appropriate clothing and work gloves before starting any cleaning, maintenance or repair work;
- Do not leave the machine in service without safety devices or lifted, in places accessible to inexperienced persons, especially children;
- Never dispose of waste oil, fuel or any other pollutant in the environment!
- Regular maintenance and correct lubrication help to keep the machine in perfect working order.

15.1 LUBRICATION

GREASE LUBRICATION POINTS

Consult the location of the lubrication points according to the diagrams on the machine.

For the cutting deck, the diagram (fig. 25) shows the components to be lubricated (1 to 8) on which there is a single grease nipple.

The components are:

1. Left swivel wheel (fig. 26/A);
2. Right swivel wheel (fig. 27/B);
3. Front blade hub (fig. 26/C);
4. Left-hand blade hub (fig. 27/D);
5. Right-hand blade hub (fig. 26/E);
6. Belt tensioner of the cutting deck transmission (fig. 27/F);
7. Left arm of the cutting deck (fig. 27/G);
8. Right arm of the cutting deck (fig. 26/H).

For the machine body, the diagram (fig. 28) shows the components to be lubricated (1 to 4), followed by the number of grease nipples present.

The components are:

1. Belt tensioner of the hydrostatic transmission (fig. 29/I);
2. Belt tensioner of the PTO (fig. 29/J);
3. Steering linkage (fig. 29/K).
4. Rear axle: centre pivot and right/left spindles (fig. 30/L).


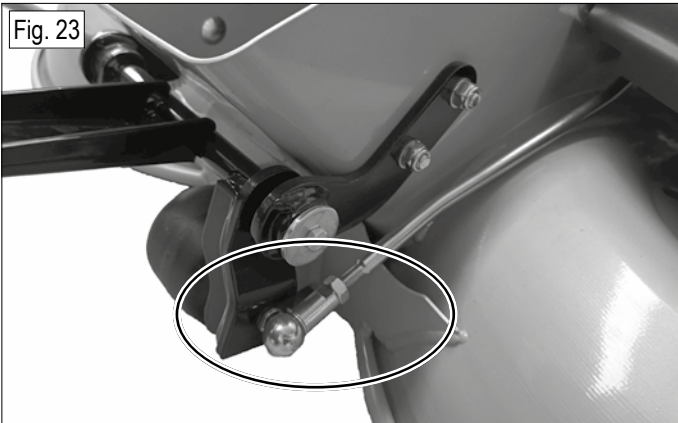
 **IMPORTANT:** lubricate with grease every 40 hours all points shown in the diagrams.

Fig. 22



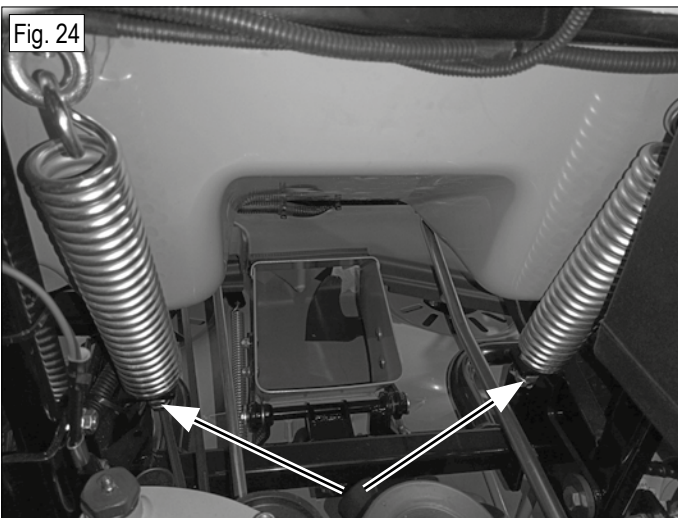
Fig. 23

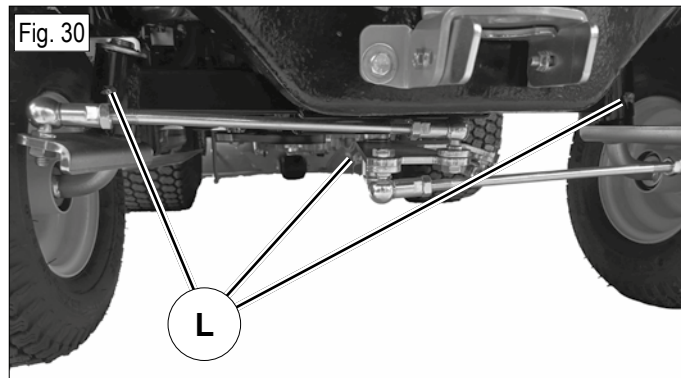
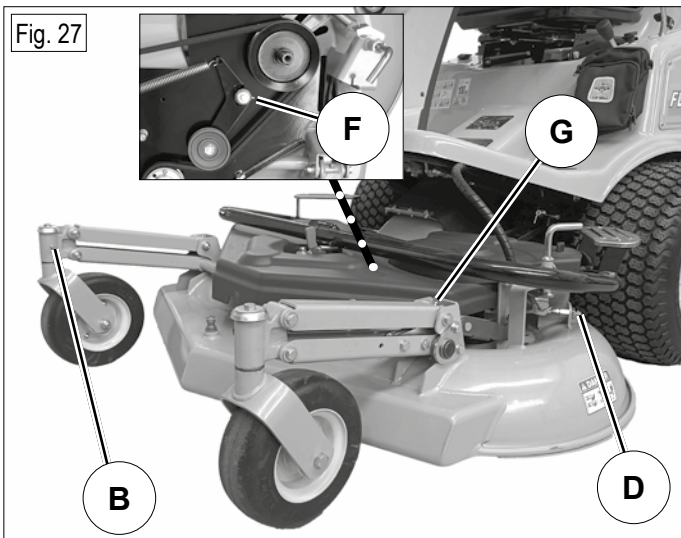
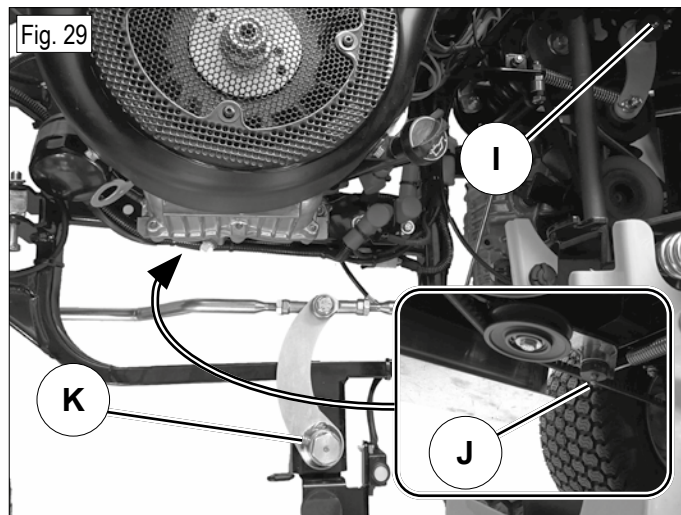
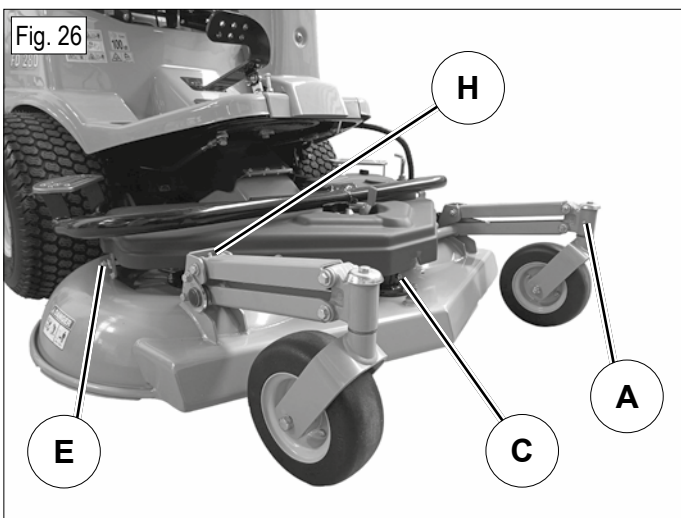
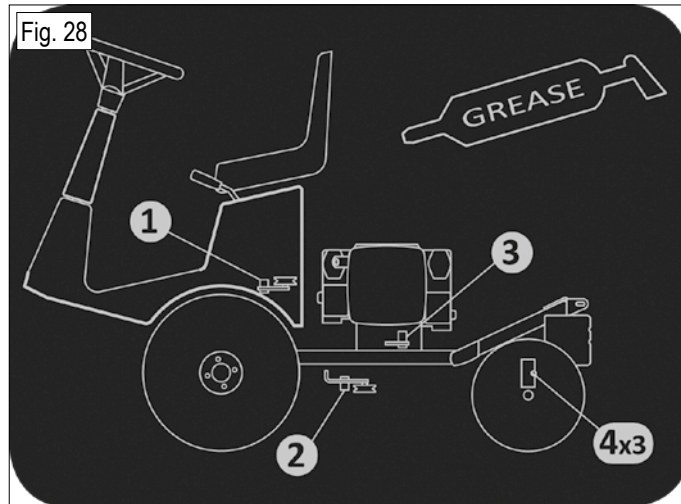
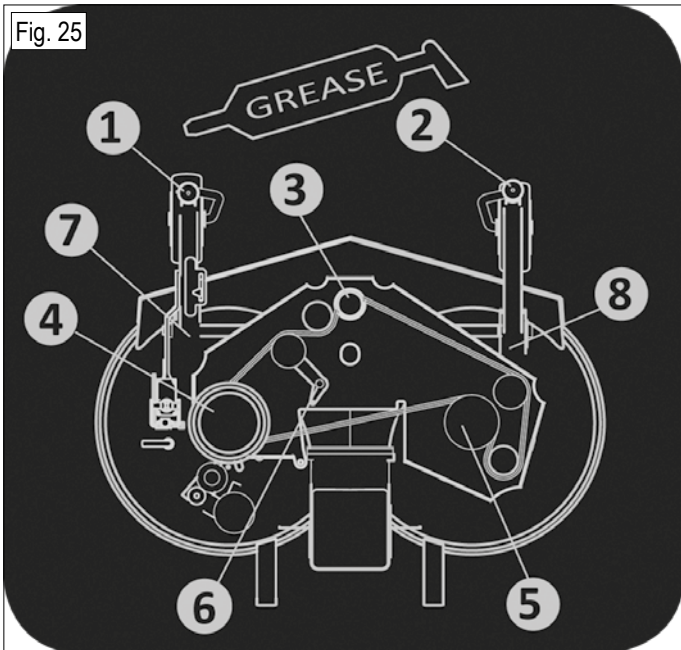


14.4 ADJUSTING THE GROUND PRESSURE OF THE FRONT WHEELS


The cutting deck is suspended at one end by two adjustable springs anchored to the machine frame. By adjusting each spring (fig. 24), it is possible to increase (by reducing the spring preload) or decrease (by increasing the spring preload) the weight of the cutting deck transferred to the front wheels. Adjust both springs to the same preload.

Fig. 24



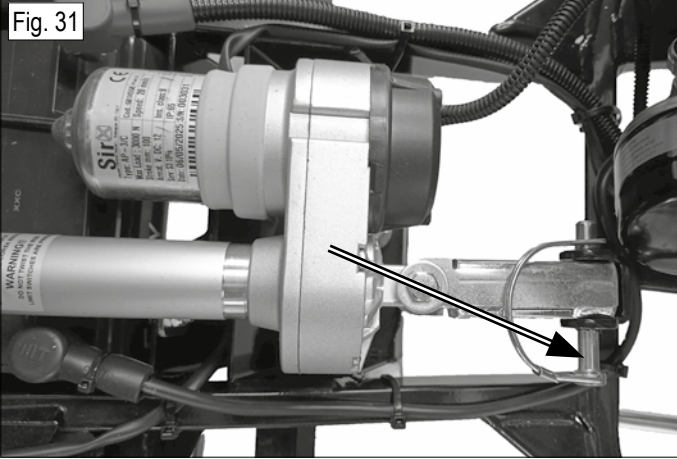


15.2 ENGINE MAINTENANCE

 **IMPORTANT:** check the engine periodically, keep the air filter clean and the engine oil level.

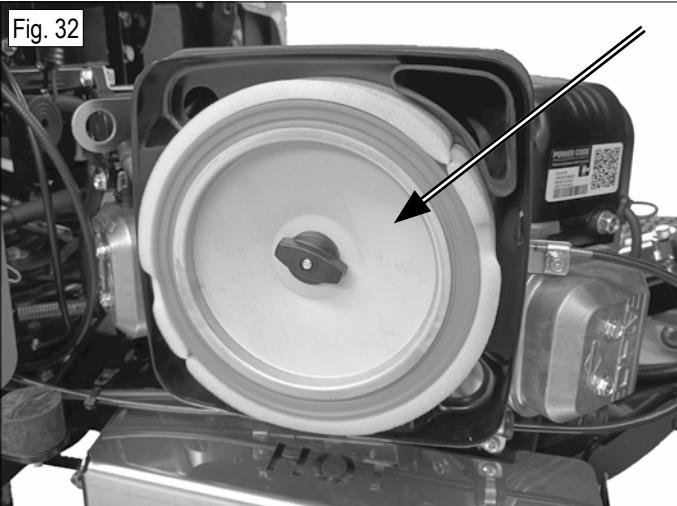
MANUAL ACCESS TO THE ENGINE COMPARTMENT

To access the engine if the machine breaks down, engage the parking brake, switch off the engine and then remove the electric actuator fixing pin (fig. 31). This allows the grass catcher to be tilted manually, providing access to the engine compartment.




AIR FILTER

Check and clean the air filter (fig. 32) every 8 hours. For maintenance intervals and procedures follow the rules contained in this manual (see 18. Maintenance schedule); for further details consult the engine manual. If working in very dusty environments, it is advisable to clean the air filter every 4 hours or as needed. If the filtration element is damaged, replace it.



ENGINE OIL

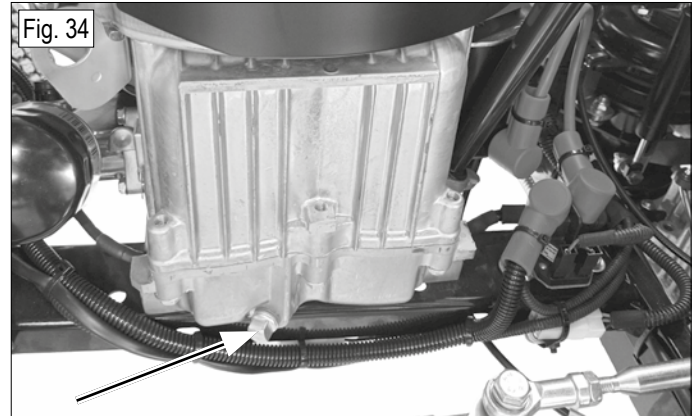
For lubrication intervals and procedures follow the rules contained in this manual (see 18. Maintenance schedule); for further details consult the engine manual.

 **IMPORTANT:** it is essential to change the oil and oil filter after the first 20 hours of operation.

Then change the oil every 100 hours or every year.

To check the oil level, use the oil dipstick (fig. 33) when the engine is cold. To drain all the oil from the engine, unscrew the plug under the oil sump (fig. 34); drain the oil into a container.

To add oil or top up, use the cap located on the top of the engine (fig. 33). Protect the belts from coming into contact with the oil.



ENGINE COOLING SYSTEM

In order not to impair the air flow, check that the protective grille on the top of the engine (fig. 3) is always well clean.

Periodically check that the engine cooling fins are always clean and undamaged. To access the cooling fins, refer to the engine manual.

15.3 CUTTING DECK MAINTENANCE

Check that:

- The cutting deck is clean;
- There are no vibrations or abnormal noises during operation;
- The blades are sharp;
- The cutting deck is correctly adjusted (see 14.3 Adjusting the cutting deck).

15.4 BATTERY MAINTENANCE

The battery does not require any special maintenance.

It is sufficient to check that the voltage is not lower than 12.5 V and recharge it if necessary.

To recharge the battery it is necessary to disconnect the cables and remove the battery from the machine (see 16.6 Battery Replacement).

It is recommended to periodically check the good condition of the positive (red) electrical cables connecting the battery to the fuses, starter motor and alternator, and always in the event of a workshop service. Check that they are secure, not marked by wear, and not in contact with sharp edges or sharp parts of the machine.

⚠ CAUTION: charging has to be carried out in a dry and ventilated area, free of sparks and heat sources.

⚠ CAUTION: do not reverse the polarity of the battery, and be careful not to cause a short circuit.

⚠ CAUTION: the gases released by the battery are explosive, keep it away from flames or sparks.

🔧 IMPORTANT: do not attempt to start the machine if the battery is not correctly secured and connected: the alternator and the control unit could be damaged.

⚠ CAUTION: damage to electrical cables can cause short circuits and fire hazards.

16. EXTRAORDINARY MAINTENANCE

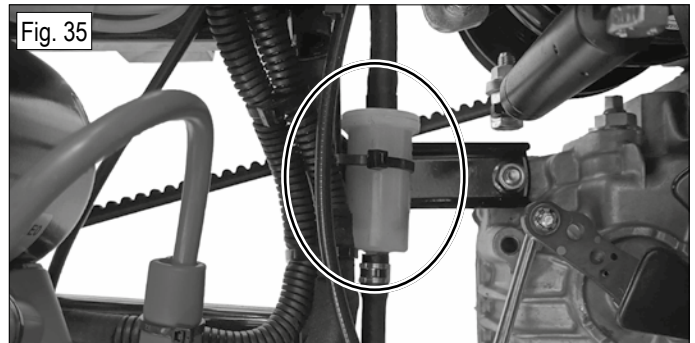
⚠ CAUTION: the operations contained in this chapter require technical skills and special equipment. It is advisable to contact an authorised Grillo centre.

16.1 ENGINE MAINTENANCE

FUEL FILTER AND FUEL CIRCUIT

The fuel filter cartridge is located on the front of the engine, behind the seat backrest (fig. 35). For maintenance intervals and methods consult the engine manual.

Running out of fuel in the tank can cause the engine to shut down and make it difficult to restart.



CLEANING THE SPARK PLUGS

Carry out the following steps:

1. Remove the spark plug using a spark plug socket wrench;
2. Clean the electrodes with a wire brush;
3. Check that the electrode gap is correct (0.76 mm) using a feeler gauge;
4. Refit the spark plug.

For further details, refer to the engine manual.

16.2 MAINTENANCE OF THE HYDROSTATIC TRANSMISSION

Periodically check the level in the hydraulic oil expansion tank, when the oil is cold, the tank must be empty.

Change the oil every 200 hours, using 10W60 oil, quantity 1.85 litres.

To replace the hydraulic oil in the hydrostatic transmission, proceed as follows:

1. Unscrew the two drain plugs (fig. 36/A and 36/B);
2. Remove the black plug from the inlet port (fig. 37) using a screwdriver, taking care not to damage it, then remove the disc magnet under the plug (fig. 38);
3. When draining is complete, screw the two plugs back on;
4. Top up the oil through the inlet port;
5. Reposition the disc magnet and refit the cap, pressing it evenly around its circumference;
6. Check that the expansion tank is empty: the oil level must be 12 mm below the bottom of the expansion tank;
7. Bleed the hydrostatic transmission as follows:
 - Place the machine safely on stands with the front wheels raised off the ground, make sure the bypass valve is engaged by pushing the lever towards the inside of the machine (fig. 39/OFF);
 - Start the engine, wait a few minutes and make a few gear changes (forwards and backwards) using the travel lever;
 - Disengage the bypass valve by pulling the lever towards the outside of the machine (fig. 39/ON) and carry out a few gear changes (forwards and backwards) using the travel lever;
8. Place the machine back on the ground and check its travel and

halting; in the event of reduced performance, loss of power or noise, repeat bleeding.

16.3 CUTTING DECK MAINTENANCE AND COMPLETE DISASSEMBLY

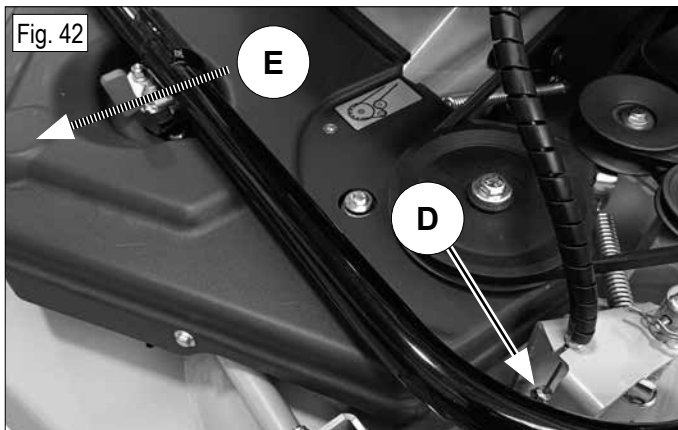
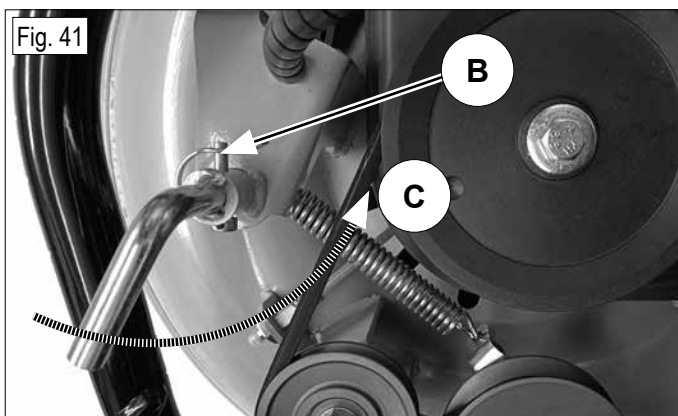
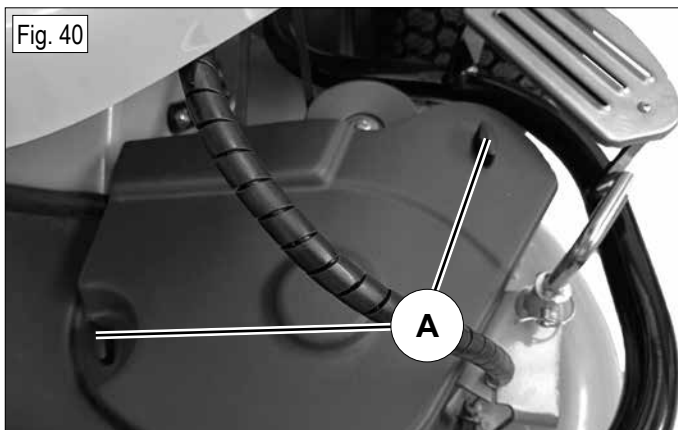
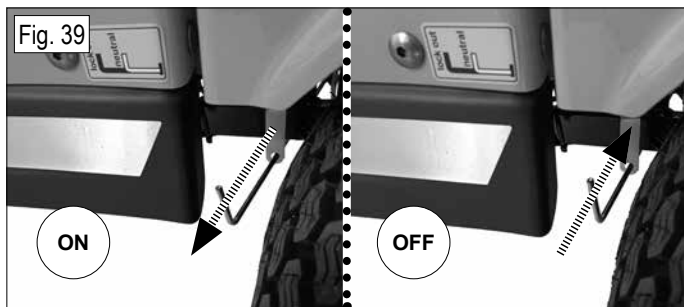
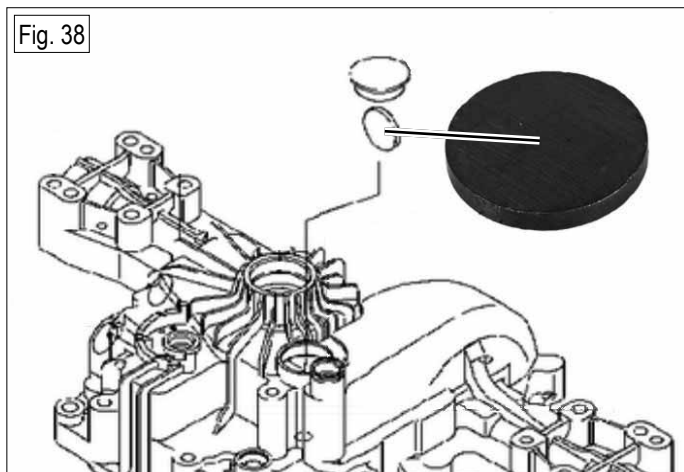
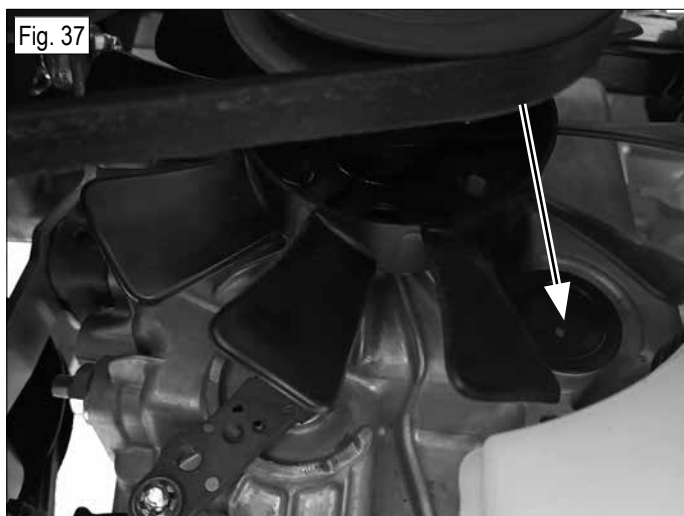
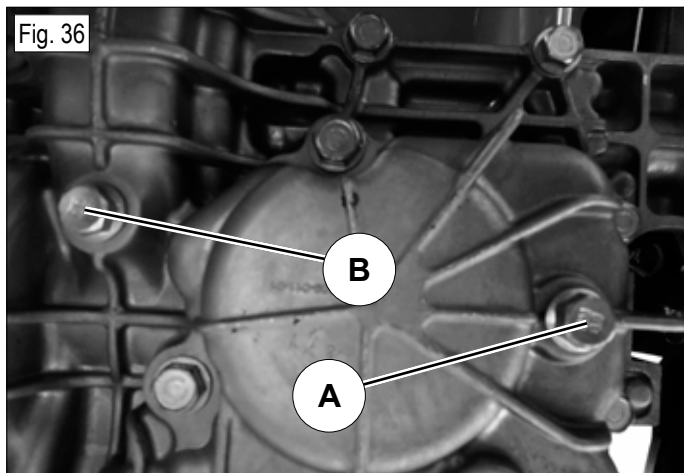
Proceed as follows to remove the cutting deck:

1. Remove the loading chute;
2. Lower the cutting height completely;
3. Remove the guard above the cutting deck by unscrewing the two knobs (fig. 40/A);
4. Remove the cotter pin (fig. 41/B);
5. Loosen the belt by turning the lever on the tensioner anti-clockwise (fig. 41/C);
6. Remove the PTO belt;
7. Unfasten the cable for the height adjustment (fig. 42/D);
8. Move the frame/plate quick coupling lever backwards (fig. 42/E);
9. Remove the cutting deck from the machine and place it vertically on its supports (fig. 43).


To reassemble the plate, follow the procedure in reverse order, manually pressing down the tubular frame of the cutting deck and taking care to align the central support (fig. 44) with the guide in the machine frame.

⚠ CAUTION: carry out the operation with the engine switched off and the brake applied.

⚠ CAUTION: when refitting the plate, check that the loading chute is correctly connected.




16.4 BELT MAINTENANCE

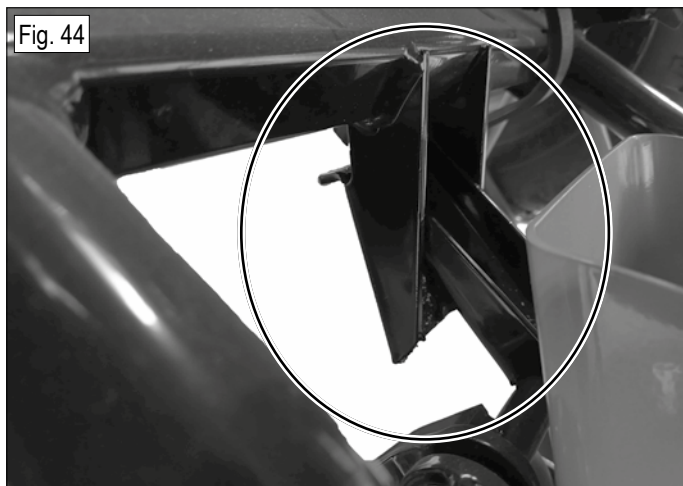
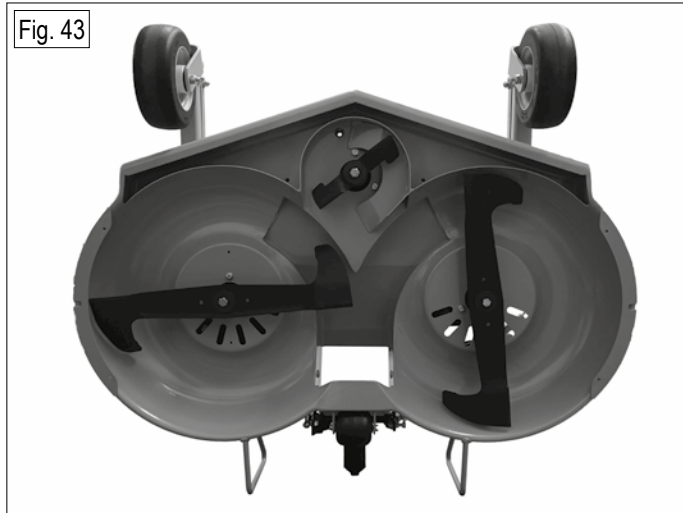
 **IMPORTANT:** only use genuine belts.

REPLACING THE ENGINE TRANSMISSION BELT

To replace the engine transmission belt:

1. Unhook the tensioner spring (fig. 46);
2. Remove the belt and replace it;
3. Re-hook the spring.

 **IMPORTANT:** the engine transmission belt does not need adjustment as it is self-adjusting.





SHARPENING THE BLADES

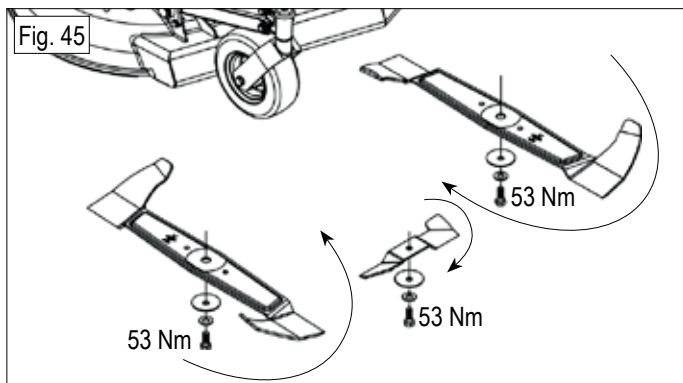
An unsharpened blade tears up the grass, giving the lawn an unsightly appearance. It is necessary that sharpening is always carried out on the cutting edges of all blades evenly. Also, if the blades do not cut properly, they tend to become unbalanced, causing the lawnmower to vibrate.

Pay attention to the direction of rotation and correct assembly of the blades (fig. 45).

Remove the blade by holding it firmly with work gloves and unscrewing the central bolt. Sharpen both cutting edges using a medium-grain grinding wheel, and check the balance by rotating it on a pin passing through the central hole.

 **CAUTION:** never attempt to repair damaged blades. Damaged blades must be replaced.


 **IMPORTANT:** the central bolt of the right-hand blade (looking from the driver's seat) has a left-hand thread. The tightening torque of the blade central fixing bolt is 53 Nm.

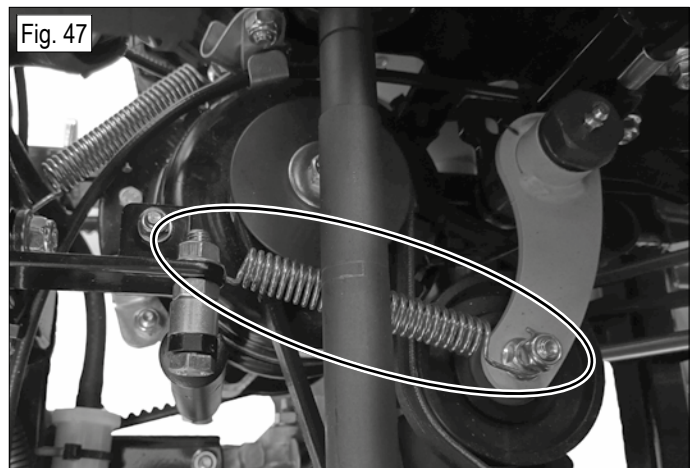


REPLACING THE HYDROSTATIC TRANSMISSION BELT

To replace the hydrostatic transmission belt:

1. Unhook the tensioner spring (fig. 47);
2. Remove the belt and replace it;
3. Re-hook the spring.


 **IMPORTANT:** the hydrostatic transmission belt does not need adjustment as it is self-adjusting.



REPLACING THE PTO BELT

To replace the PTO belt:

1. Remove the hydrostatic transmission belt (see Replacing the hydrostatic transmission belt);
2. Remove the clutch anti-rotation bracket (fig. 48/A);
3. Disconnect the clutch from the electrical system (fig. 48/B) and remove the clutch wiring tie-wraps;
4. Remove the guard above the cutting deck by unscrewing the two knobs (fig. 40/A);
5. Remove the cotter pin (fig. 41/B);
6. Loosen the belt by turning the lever on the tensioner anti-clockwise (fig. 41/C);
7. Remove the belt and replace it;
8. Reposition the belt on the pulley at the clutch side checking its routing (fig. 49);
9. Tension the belt by turning the lever on the tensioner clockwise;
10. Fit the cotter pin;
11. Refit the guard over the deck;
12. Refit the clutch anti-rotation bracket, taking care to allow a minimum of radial play for the clutch;
13. Reconnect the clutch and secure the wiring to the frame with new tie wraps;
14. Refit the hydrostatic transmission belt (see Replacing the hydrostatic transmission belt).

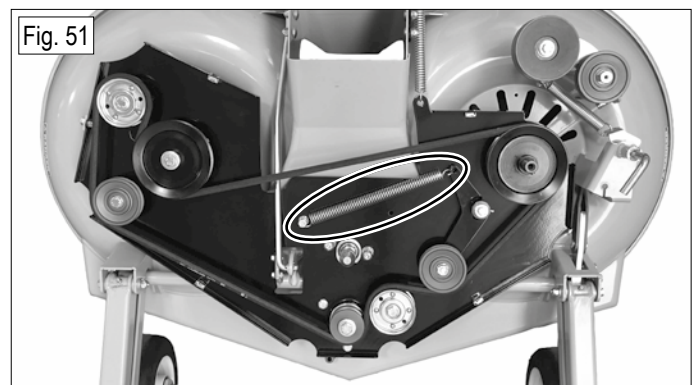
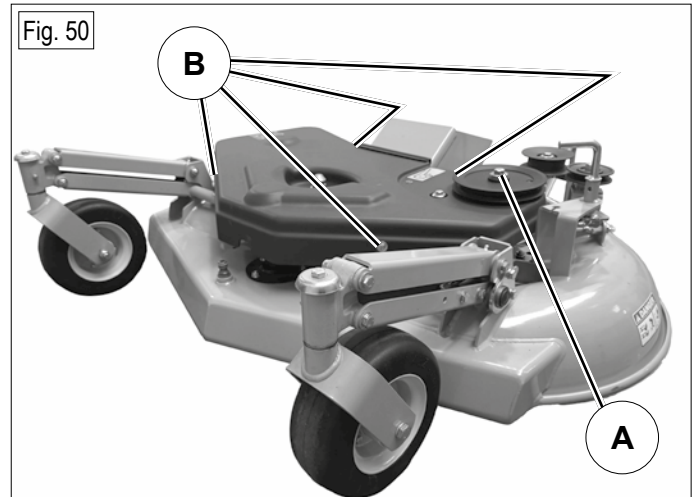
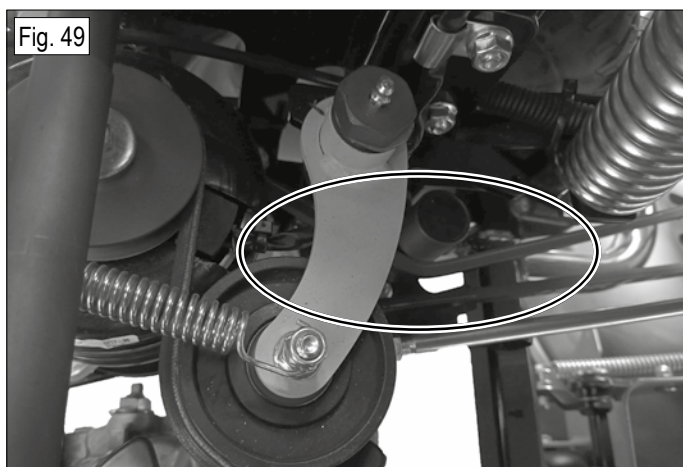
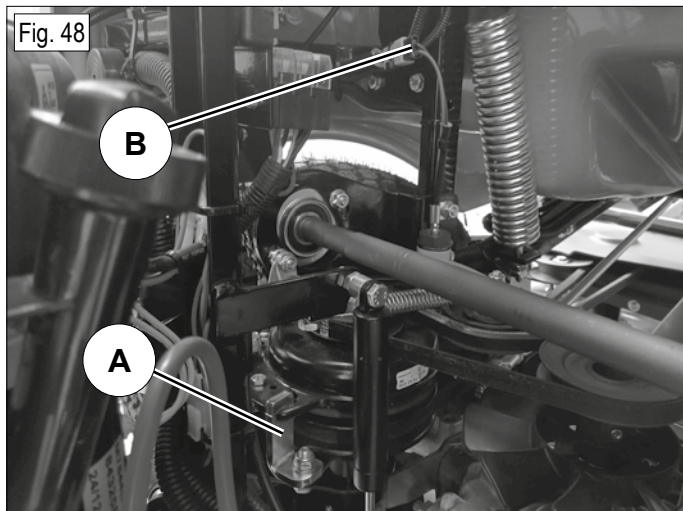
 **IMPORTANT: the PTO belt does not need adjustment as it is self-adjusting.**

REPLACING THE CUTTING DECK BELT

To replace the cutting deck belt:

1. Bring the cutting deck to the vertical maintenance position (see 16.6 Cutting deck maintenance and complete disassembly);
2. Disassemble the pulley by unscrewing the central bolt (fig. 50/A);
3. Remove the cutting deck guard by loosening the screws on the edge (fig. 50/B);
4. Unhook the tensioner spring (fig. 51);
5. Remove the belt and replace it according to the diagram (fig. 51);
6. Re-hook the spring;
7. Refit the cutting deck guard;
8. Reassemble the pulley.

 **IMPORTANT: the cutting deck belt does not need adjustment as it is self-adjusting.**




16.5 ELECTRICAL SYSTEM MAINTENANCE

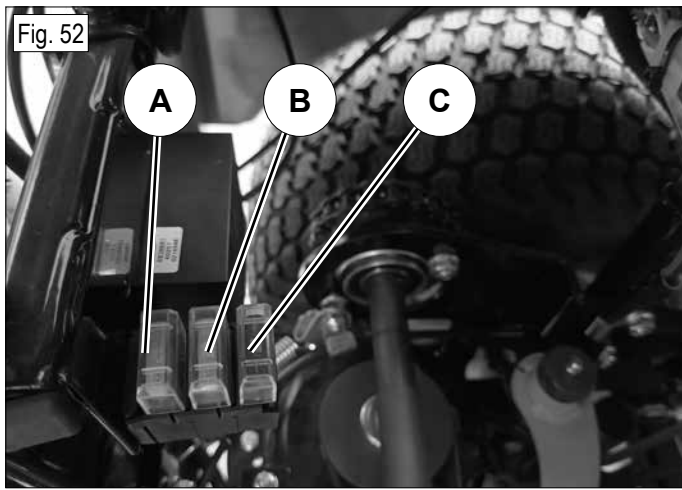
FUSES

The electrical system is protected by 3 fuses located under the seat.

- The 25A fuse (fig. 52/A) protects the entire electrical system (if interrupted it causes the machine to be completely inoperative);
- The 20A fuse (fig. 52/B) protects the electric actuator for lifting the grass catcher;
- The 10A fuse (Fig. 52/C) protects the electrical components of the machine.

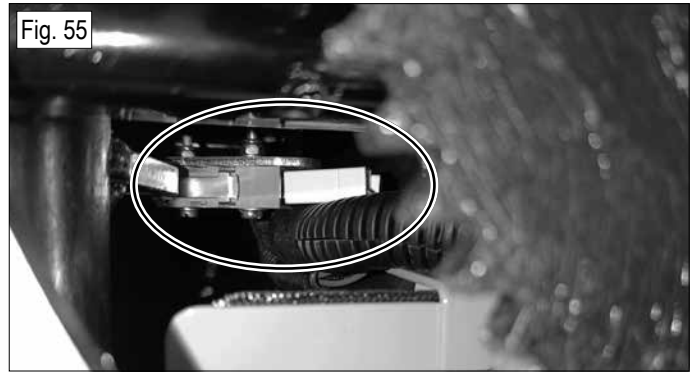
If electrical problems persist after the fuses have been replaced, contact the authorised service centre. Never attempt to undertake major repairs without having the necessary means and expertise.

 **IMPORTANT: do not replace fuses with fuses of a different rating than those indicated in the manual and on the relevant decal.**



NEUTRAL POSITION MICROSWITCH

A microswitch (fig. 55) is linked to the travel pedal signalling the neutral position of the machine.



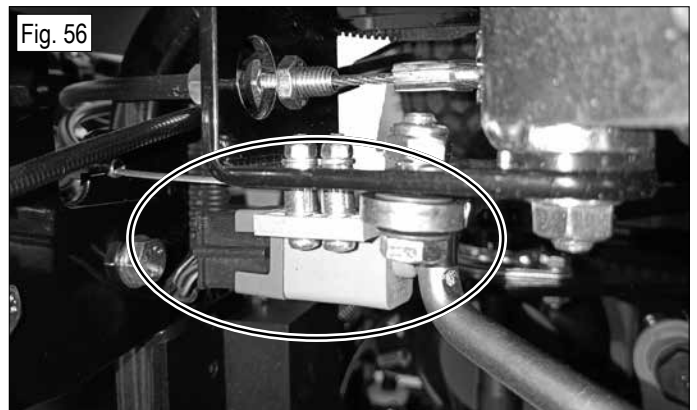
GRASS CATCHER POSITION MICROSWITCH

A safety microswitch detects whether the grass catcher is in the working position. Otherwise the cutting deck does not operate. The microswitch is located under the grass catcher frame (fig. 53).



PARKING BRAKE MICROSWITCH

The parking brake lever activates a microswitch (fig. 56) that signals that the brake is applied and allows the engine to keep running even if the operator leaves the driver's seat.



FULL GRASS CATCHER MICROSWITCH

The full grass catcher microswitch is fitted inside the grass catcher and is operated by an adjustable plate (fig. 54). It sends a signal to activate the acoustic alarm when the grass catcher is full. The blades must be disengaged manually. It is possible to continue mowing if there are small areas left to finish the job, taking care not to completely saturate the remaining capacity to avoid clogging the loading chute.

It is important to adjust the position of the adjustable plate according to the type of grass to be cut (see 13.3 Adjusting the full grass catcher microswitch).



OPERATOR PRESENCE MICROSWITCH

The operator presence microswitch is located under the seat and detects the presence of the operator when seated in the driver's seat.

PRESSURE SWITCH

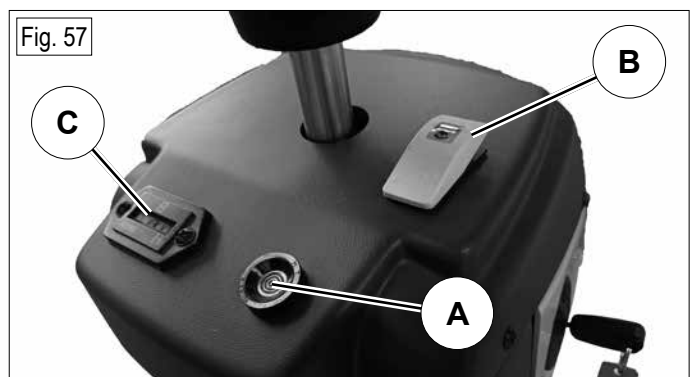
The FD 280 has a pressure switch on the engine connected to a red warning light on the dashboard (fig. 57/A).

If the oil pressure drops below the minimum level, the pressure switch acts in two ways:

- If there is insufficient pressure during the cranking phase, the engine does not start;
- If there is insufficient oil during machine operation, the engine shuts down and the red warning light comes on.

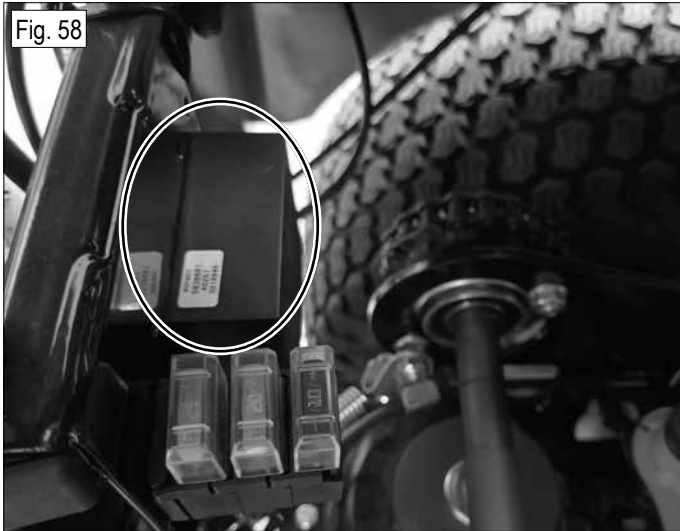
HOURLY METER

The hour meter (fig. 57/C) is located on the dashboard and indicates the hours the machine has worked.



ELECTRONIC CONTROL UNIT

Under the seat near the fuses there is an electronic control unit (fig. 58), which processes all the electrical functions of the machine such as PTO, electrical push-buttons, safeties and engine start consent. Its malfunction can cause problems with the electrical drives of the machine.



16.6 BATTERY REPLACEMENT

To access the battery and replace it in the event of a machine breakdown, the grass catcher must be tipped manually (see 15.2 Engine maintenance) then disconnect the cables (first the negative BLACK one and then the positive RED one) and after releasing the retaining rubber band remove the flat battery.

Insert the new battery and connect the cables (**first the positive RED one and then the negative BLACK one**) then re-attach the retaining rubber band.

⚠ CAUTION:

- Do not reverse the polarity of the battery;
- Do not operate the lawnmower without the battery;
- Take care not to cause a short circuit;
- Keep the sealed battery intact and away from flames and sparks.

16.7 WHEEL MAINTENANCE

Use only TubeLess 4-ply (4PR) tyres in sizes 18x9.50-8 for the front and 13x6.50-6 for the rear.

Routinely check the tyre inflation pressure, which should be 1.5 bar - 22 psi for all four wheels.

Always ensure that the valve protection cap is in place. The purpose of the cap is to prevent foreign bodies from entering the valve, damaging it and causing pressure loss; always tighten the cap by hand.

In the event of impacts against curbs or other obstacles, it is important to visually check the condition of the tyres: a bulge in the sidewall, for example, may indicate an internal structural damage that would make the tyre unusable.

It is recommended to periodically check the correct assembly of the wheels, especially during servicing at the workshop, and in particular that:

- The protective caps on the front wheels (fig. 59) are present and correctly positioned;
- The wheel retaining rings (fig. 60) are present and correctly inserted in their seats.

⚠ **CAUTION:** missing or incorrectly positioned retaining rings may cause the wheel to come off, putting the operator at risk and causing serious damage to the machine.



17. TROUBLESHOOTING GUIDE

FD 280 - TROUBLESHOOTING GUIDE		
PROBLEM	CAUSE	SOLUTION
When the engine is switched off, the warning light on the dashboard remains off when the key is not in the stop position.	The battery does not supply any current	<ul style="list-style-type: none"> - Check the connection cables - Recharge the battery - Check the integrity of the fuses - Check the ground connections on the engine
The warning light on the dashboard is switched on but the starter motor does not rotate	The battery does not supply sufficient current	<ul style="list-style-type: none"> - Recharge the battery - Check the battery ground connection - Check the integrity of the fuses
	No start consent	<ul style="list-style-type: none"> - Bring the travel lever to neutral - Turn off the PTO switch - Sit in the driver's seat to activate the microswitch, or apply the parking brake - Check for a defective microswitch - Check the ignition key block
<ul style="list-style-type: none"> - The starter motor rotates but the engine does not start - Difficult starting or irregular engine operation 	Combustion issues	<ul style="list-style-type: none"> - Check that the choke is applied (if the engine is cold) - Clean or replace the air filter - Check that the carburettor jets are clean - Check the operation of the spark plugs - Check that the spark plugs are clean and that the distance between the electrodes is correct
	Deposits or contamination in the fuel	<ul style="list-style-type: none"> - Check and, if necessary, replace the fuel filter - Empty the tank and use fresh petrol - Consult the engine manual
	No fuel flow	<ul style="list-style-type: none"> - Check the fuel level in the tank - Check (and replace if necessary) the fuel filter
	Insufficient engine oil pressure	<ul style="list-style-type: none"> - Check the engine oil level - Check the pressure switch is working properly and replace it if necessary
Drop in motor efficiency during cutting	High forward speed in relation to cutting height	<ul style="list-style-type: none"> - Reduce the forward speed - Place the cutting deck in a higher cutting position
	Cutting deck transmission	<ul style="list-style-type: none"> - Check the integrity of the bearings and belt tensioners of the cutting deck - Lubricate the cutting deck using the grease nipples indicated
The motor switches off when the PTO is engaged	<ul style="list-style-type: none"> - Blades - Belt tensioners - Belt - Clutch 	<ul style="list-style-type: none"> - Check the integrity of the bearings and belt tensioners of the cutting deck - Check the PTO and cutting deck belts - Check the blades and transmission for obstructions - Check the operation of the clutch - Check the cleanliness of the loading chute and the cutting deck
The engine shuts down and the red warning light comes on	Insufficient engine oil pressure	<ul style="list-style-type: none"> - Check the engine oil level - Check the pressure switch is working properly and replace it if necessary
Uneven cutting and inefficient collection	Incorrect inclination of the cutting deck	<ul style="list-style-type: none"> - Check tyre pressure - Restore the correct inclination of the cutting deck
	Blades inefficiency	<ul style="list-style-type: none"> - Check the correct fitting of the blades - Sharpen or replace the blades
	High forward speed in relation to cutting height or lawn conditions	<ul style="list-style-type: none"> - Reduce the forward speed - Place the cutting deck in a higher cutting position
	Clogging of the loading chute	<ul style="list-style-type: none"> - Empty the loading chute - Clean the grass catcher grid - Adjust the position of the full grass catcher microswitch.

FD 280 - TROUBLESHOOTING GUIDE

PROBLEM	CAUSE	SOLUTION
Vibrations during operation	Unbalanced blades	- Balance or replace the blades if damaged - Check the integrity of the bearings and belt tensioners
	Accidental knocks on kerbs, walls, etc.	- Check blade, frame and engine fixing bolts and tighten any loose bolts
The PTO does not engage	- Grass catcher lifted - Defective grass catcher position microswitch - Faulty switch - Defective clutch	- Lower the grass catcher to working position - Check the microswitch and its connection - Check the PTO switch - Check the function and integrity of the clutch

⚠ CAUTION! If problems persist after carrying out the actions described in this manual, contact the authorised service centre. Never attempt to carry out major repairs without having the necessary means and technical expertise.

IF YOU HIT A STONE OR ANOTHER FOREIGN BODY:

1. Disengage the blades;
2. Lift the cutting deck;
3. Switch off the engine and apply the parking brake;
4. Check the bolts securing the blades and the integrity of the cutting deck;
5. Check that the foreign body has not entered the loading chute or is jammed.

18. MAINTENANCE SCHEDULE

FD 280 - MAINTENANCE SCHEDULE

MAINTENANCE ITEM		EVERY 8 HOURS	FIRST 20 HOURS	EVERY 40 HOURS	EVERY 50 HOURS	EVERY 100 HOURS	EVERY 200 HOURS
Engine oil and filter	Check the level	●					
	Change		● (FIRST CHANGE)			●	
Air filter	Check	●					
	Replace					*	
Spark plugs	Check					●	
	Replace						●
Hydrostatic transmission oil	Change						●
Check the sharpness and fixing of the blades			●		●		
Grease lubrication				●			
Check the good condition of the positive electrical cables				●			
Check that the wheels are correctly fitted and that the tyre pressure is correct (1.5 bar - 22 psi)				●			
Check the cleanliness of the engine grille		●					
Check the cleanliness of the engine cooling fins				●			
Check the cleanliness of the hydrostatic transmission fins		●					

● recommended task

* task to be carried out if necessary

19. LUBRICATION CHART

FD 280 - LUBRICATION CHART

Engine oil	See engine manual	1.6 L	Change after the first 20 hours of work and every 100 hours thereafter
Hydrostatic transmission oil	10W60	1.85 L	Change every 200 hours

20. STORAGE AND PROLONGED INACTIVITY

Store the machine in a dry place, protected from the elements.
Clean the machine from soil and grass residues and if possible cover it with a tarpaulin when the engine is cold. If the machine is not to be used for an extended period of time (more than 1 month), proceed as follows:

- Disconnect the positive (red) battery cable and follow the instructions in the engine instruction booklet;
- Also lubricate all the joints according to the indicated points.

21. TOWING THE MACHINE WITH THE ENGINE OFF

To move the machine with the engine switched off, the bypass valve of the hydrostatic transmission must be actuated by pushing the lever towards the inside of the machine (fig. 39/OFF).

⚠ CAUTION: in this way the effectiveness of the braking device is invalidated.

🔧 IMPORTANT: tow the machine at very low speed and for short distances, 100 m maximum, to avoid damage to the hydrostatic transmission.

22. TECHNICAL ASSISTANCE SERVICE

22.1 ASSISTANCE

This manual provides instructions for the use of the machine and for its routine maintenance.

For extraordinary maintenance, for all operations requiring technical skills and expertise, please contact your authorised Grillo dealer.

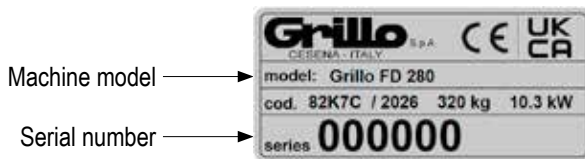
22.2 IDENTIFICATION DATA

If it is necessary to contact an authorised service centre, for maintenance information, always provide:

machine model

serial number

The machine's serial number plate is located on the right side of the seat frame (fig. 61).



We advise the customer to note down this additional information in the spaces below. It may be useful for the service department.

PURCHASE DATE

GRILLO DEALER

22.3 SPARE PARTS

It is recommended to use only genuine spare parts to ensure product safety and durability.

22.4 WARRANTY

The warranty is provided in the manner and within the limits specified by current law. The retailer must hand over the machine's warranty certificate to the end customer, printing a copy of the registration from the Grillo website. Transport, servicing and wear parts remain at customer's expense. Any tampering or improper use not specifically authorised by Grillo will invalidate the warranty.

The engine follows the conditions specified by its manufacturer.

22.5 HOW TO ORDER SPARE PARTS

Contact our authorised centres.

Please indicate the serial number of the machine and the code of the component to be replaced.

It is possible to identify the part number by consulting the Grillo website: the spare parts tables for the machine will be available by entering the serial number.

23. TRANSPORT WARNINGS

TOWING HITCH

This machine can be used for towing only occasionally and with certain limitations.

The towing hitch is a service to be used occasionally and consciously, therefore the following limitations must be observed:

- Weight of the towed mass (on wheels) less than 50% of the machine weight;
- Non-continuous towing (max 300 m without stopping) on a plain or light slope (max 10%).



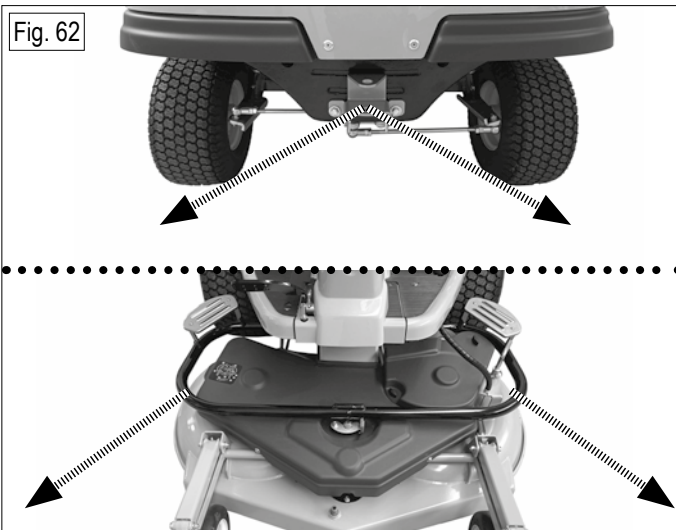
IMPORTANT: use beyond the limits may impair or cause serious damage to the hydrostatic transmission.

LIFTING AND TRANSPORT

If the machine is to be transported on a truck or trailer, lower the cutting deck, apply the parking brake and secure it to the means of transport using ropes, cables or chains (fig. 62). When lifting, the ropes can be hitched at the point indicated by the arrows (fig. 63). Check that the crane, hoists and ropes have sufficient lifting capacity. The total weight of the machine is 320 kg.



IMPORTANT: fully lower the cutting deck when the machine is lashed for transport.



24. DISPOSAL

Waste products such as waste oil or fuel, used lubricants, filters, batteries or other such consumable parts can cause harm to people, animals and the environment. They must therefore be disposed of properly. Contact a recycling centre or your retailer for information on proper disposal.



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**DECLARATION OF CONFORMITY / DICHIARAZIONE DI CONFORMITÀ
/ DÉCLARATION DE CONFORMITÉ / KONFORMITÄTSEKRLÄRUNG / DECLARACIÓN DE CONFORMIDAD**

The undersigned / lo sottoscritto / Je soussigné / Der Unterzeichner / Yo suscrito

Ing. Andrea Pinza

as legal representative of: / in qualità di legale rappresentante della ditta: / en qualité de représentant légal de la société: / als rechtlicher Vertreter der Firma: / en calidad de representante legal de la empresa:

GRILLO SPA – Via Cervese, 1701 – 47521 CESENA (FC) – ITALY

declare that the following machinery: / dichiaro che la macchina di seguito indicata: / déclare que la machine suivante: / Hiermit erkläre ich, dass folgende Maschine: / declara que la siguiente máquina:

Model Modello Modèle Modell Modelo	Function Funzione Dénomination Bezeichnung Función	From serial number Dal numero di serie Du numéro de série Ab Seriennummer Desde número de serie
FD 280	Lawnmower / Rasaerba / Tondeuse / Rasenmäher / Cortacésped	774649

fulfils all the relevant provisions of the following directives: / è conforme a tutte le disposizioni pertinenti delle seguenti direttive: / satisfait à l'ensemble des dispositions pertinentes des directives suivantes: / allen einschlägigen Bestimmungen folgender Richtlinien entspricht: / cumple todas las disposiciones pertinentes de las siguientes directivas:

CE		UK CA	
2006/42/CE 2000/14/CE 2014/30/UE	UNI EN ISO 5395	S.I. 2008 No. 1597 S.I. 2001 No. 1701 S.I. 2016 No. 1091	EN ISO 5395

Sound power level / Potenza sonora / Niveaux sonores / Schalleistung / Potencia acústica

Model Modello Modèle Modell Modelo	Cutting width Larghezza di taglio Largeur de coupe Schnittbreite Ancho de corte	Measured sound power level Potenza sonora misurata Puissance sonore mesurée Gemessene Schalleistung Potencia acústica mesurada	Guaranteed sound power level Potenza sonora garantita Puissance sonore garantie Garantierte Schalleistung Potencia acústica garantizada
FD 280	113 cm	98 dBA	100 dBA

Values determined according to / Valori determinati in accordo a / Niveaux sonores selon / Werte bestimmt gemäß / Valores determinados conforme a
2000/14/CE - VI.1

Vibrations / Vibrazioni / Vibrations / Schwingungen / Vibraciones

Model Modello Modèle Modell Modelo	Whole body Corpo intero Au corps entier Gesamter Körper Cuerpo entero	Uncertainty Incertezza Incertitude Unsicherheit Incertidumbre	Hand/arm Mano/braccio Main/bras Hand/Arm Mano/brazo	Uncertainty Incertezza Incertitude Unsicherheit Incertidumbre
FD 280	0.61 m/s ²	0.06 m/s ²	3.7 m/s ²	0.03 m/s ²

Juridical person authorised to compile the technical file: / Persona giuridica autorizzata a costituire il fascicolo tecnico: / Personne morale autorisée à constituer le dossier technique: / Juristische Person, die bevollmächtigt ist, die technischen Unterlagen zu erstellen: / Persona jurídica facultada para elaborar el expediente técnico:

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Person empowered to draw up the declaration on behalf of the manufacturer: / Persona autorizzata a redigere la dichiarazione a nome del fabbricante: / Personne ayant reçu pouvoir pour rédiger cette déclaration au nom du fabricant: / Ermächtigte Person zur Ausfertigung der Erklärung im Namen des Herstellers: / Persona apoderada para redactar esta declaración en nombre del fabricante:

Ing. Andrea Pinza

GRILLO SPA – Via Cervese, 1701 – 47521 CESENA (FC) – ITALY

Managing Director / Amministratore Delegato / Directeur Général / Stellvertretender Geschäftsführer / Director Adjunto

Grillo S.p.A.

Ing. Andrea Pinza -

Cesena, 16/03/2026

The spare parts catalogues are available on line at http://www.grilloagrigarden.co.uk/spare_parts_lists
Le tavole ricambi sono disponibili online all'indirizzo http://www.grillospa.it/tavole_ricambi
Les vues éclatées son disponibles en ligne sur http://www.grillofrance.fr/vues_eclatees
Die Ersatzteillisten sind online verfügbar unter <http://www.grillodeutschland.de/ersatzteillisten>
Los despieces son disponibles on line en <http://es.grillospa.it/despieces>

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Grillo
AGRIGARDEN MACHINES