

MOWER

FEIDER
MACHINES

ORIGINAL INSTRUCTIONS

Read and keep this manual before using this machine and keep it for future reference. This manual contains important information about safety, assembly, operation and maintenance



Model
FRT7550M

FEIDER France
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Product information

the owner should ensure that all information regarding the product is provided with the unit. This information includes the Instruction Manual, Spare Parts and Guarantees. This information should be included to ensure that official laws and other standards are met.

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INFORMATION FOR THE OWNER

This instruction manual is valid for various models. The instructions have been designed for people with mechanical abilities. As in most manuals, not all steps are described. Steps on how to tighten or loosen the fasteners can be followed by anyone with mechanical ability. Read and follow the instructions before using the unit.

Know the product: if you know the device and understand how it works, the better its performance will be. When reading this manual, compare the illustrations with the unit. Learn the location and handling of controls. To prevent accidents, follow operating instructions and safety rules. Keep the manual for future reference.

IMPORTANT: many units are sold without assembly. It is the owner's responsibility to ensure that the installation instructions included in this manual are strictly followed. Other units are sold already assembled. In this case, it is the owner's responsibility to ensure that the unit is properly installed. The owner should carefully check the unit, in accordance with the instructions included in this manual, before using it for the first time.



CAUTION



The exhaust pipe of the device, some of its components, as well as some of the components of the vehicle, contain or emit chemicals known to cause cancer and birth defects or reproductive harm. The poles of the battery, terminals and similar accessories contain lead and its components, chemicals known to cause cancer and birth defects or reproductive harm. WASH HANDS AFTER HANDLING

OWNER'S LIABILITY

The owner's responsibility is to follow the instructions below.

1. Read carefully and follow the rules for safe handling.
2. Follow the assembly instructions.
3. Examine the device.
4. Make sure that the user knows how to handle all standard equipment and accessories correctly.
5. Handle only with all protections, which should be installed and operated properly.
6. Adjust the device correctly.
7. Only have the unit serviced with authorized or approved spare parts.
8. Perform all maintenance work on the unit.

Considering the environment

- Do not fill the fuel tank of the flush-mounted unit.
- Empty fuel during off-season storage.
- Use only unleaded fuel.
- Have the air purifier serviced regularly.
- Change the oil regularly. Use 10W-30 oil in summer.
- Set up the device regularly.
- Maintain the equipment in efficient operating conditions.
- Dispose of used oil properly.

SAFETY RULES

Safety rules for riding mowers



CAUTION: This sharp device can amputate hands and feet, as well as throw objects. Failure to comply with the following safety instructions may result in serious injury or death.

I. General operation

1. Read, understand and follow all instructions in the Instruction Manual for the unit, engine and accessories before starting.
2. Only allow responsible adults familiar with the instructions to operate the device.
3. Clear the work area of any objects such as rocks, toys, cables, etc. that could be caught by the blade and thrown away.
4. Make sure that no one else is present in the work area before starting mowing. work. Turn off the unit if someone enters the working area.
5. Never carry passengers.
6. Stop the power to the blades or accessories before reversing. Do not mow backhand if not needed. Always look down and back, before and during the recoil manoeuvre.
7. Pay attention to the direction of the mower's spillway movement, do not point it at anyone. Do not operate the mower without first installing the grass catcher system and protection.
8. Slow down before turning.
9. Never leave an appliance unattended with the engine running. Always stop the blade(s), apply the handbrake, stop the engine and remove the key before dismantling.
10. Disconnect the accessory(s) during transport, or when not in use. Stop the blade(s) if you do not mow.
11. Stop the engine before removing the grass catcher system or unclogging the garbage chute.
12. Mow only in daylight or with adequate artificial light.
13. Do not handle the device under the influence of alcohol or medication, or in case of severe fatigue.
14. Watch for traffic when handling close to or across pavements.
15. Pay special attention when loading or unloading the unit into/from a trailer or truck.
16. Disengage and switch to Neutral mode before turning on the unit.
17. Always wear eye protection when handling to prevent damage from objects that may be thrown by the device. Always wear eye protection when adjusting or repairing the unit.
18. Be careful when pulling cargo or using heavy equipment,
 - a. Only use approved towing bars.

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- b. Limit cargo traction to people you can safely control.
 - c. Do not make sharp turns. Be careful when reversing.
 - d. Use counterweights or steer wheels when suggested in the Instruction Manual.
19. Do not handle this device if you are taking any medications that may cause drowsiness or affect your ability to handle it.

20. Do not operate this device if you are unable to do so safely, mentally or physically.
21. The data indicate that users aged 60 and over are the most affected by injuries that can be caused by mowing. These users should assess their ability to safely operate a riding mower to protect themselves and others from serious injuries.
22. Take extreme caution when operating the lawnmower on slopes and close to downspouts, ditches or embankments; Follow the instructions below. Do not mow on this type of terrain if there is an immediate danger or lack of experience.
23. The lawnmower's safety systems or features should not be manipulated or deactivated;
24. The operator should not modify or alter the sealed settings to control the engine speed;
25. In case of lack of experience and knowledge on this product, a qualified and experienced person needs to train the operator, providing instructions to use the tool correctly.
26. Be careful with exhaust emissions, they are dangerous to your health, do not inhale and do not expose yourself to them.
27. Do not use the unit when there is a risk of lightning and thunderstorms. Do not generally use it in bad weather.

II. Handling on sloping ground

Slopes and bumpy terrain are the cause of most loss of control and rollover accidents, which can determine severe injury or death. ALL slopes require extra attention. If you cannot reverse on a slope or feel embarrassed, do not mow it. See the Slope Mowing Guide at the end of this manual for safe handling.

DO

1. Mow the slopes in a top-down, not crosswise, movement.
2. Remove all obstacles such as rocks, branches, etc.
3. Watch for holes, ruts and bumps. Uneven terrain can cause the unit to tip over. Tall grass can hide obstacles.
4. Slow down. Use slow speed in order not to have to stop or move when mowing on a slope.
5. Follow the manufacturer's recommendations for wheel and counterweight steering to improve stability.
6. Pay special attention to the grass catcher systems or other accessories, they can destabilize the unit.
7. When mowing on a slope, make slow, gradual movements. Do not suddenly change speed or direction.
8. Avoid starting or stopping on a slope. If the tires lose grip, stop the blades and slowly descend the slope.
9. Work under a good visibility. Work under daylight or good artificial light.

DO NOT

1. **Do not** turn on a slope unless needed, and if possible, proceed slowly and gradually downstream.
2. **Do not** mow ditches and embankments. A wheel placed at the edge of these or the collapse of a rim can cause the device to suddenly tip over, causing injury or death.
3. **Do not** mow wet grass. Reduced grip can cause slippage.
4. **Do not** try to stabilize the unit by stepping on the ground.
5. **Do not** use a grass catcher system or other rear-mounted accessories on steep slopes (more than 10 degrees of inclination).
6. **Do not use** this machine in wet or stormy weather.

III. Children

Tragic accidents can occur if the user is not aware of the presence of children. children are often attracted by this type of equipment, as well as by the movement of the mower. NEVER assume that children will remain still at the place where you have seen them for the last time.

1. Keep children away from the work area and under the supervision of a responsible adult.
2. Be vigilant and turn off the appliance if a child enters the work area.
3. Before and during reversing, look behind and on the ground to avoid small children.
4. Never carry children or other passengers, even with the blades at a standstill. They can fall and cause serious injury or compromise safe handling.
5. Never allow a child to handle the device. Make children aware of the potential dangers of the device.
6. Be especially careful when approaching blind corners, shrubs, trees or other objects that may obscure vision.

IV. MAINTENANCE

1. Pay special attention when handling fuel or other fuels. Fuels are flammable and their fumes explosive.
 - a. Use only an approved container.
 - b. Never remove the fuel cap or add fuel while the engine is running. Let the unit cool down for several minutes before refuelling. Don't smoke.
 - c. Never refuel indoors.
 - d. Never store the unit with a full tank, or a fuel tank, close to flames produced, for example, by a water heater.
2. Never operate the unit in an enclosed area.
3. Keep all nuts and bolts, especially those that secure the blade, firmly adjusted. Regularly check the blade for damage, cracks or nicks. A bent or damaged blade should immediately be replaced with an original spare part supplied by an authorized dealer. For your safety, replace the blade every two years. Maintain the equipment in good condition.
4. Never tamper with safety instruments. Check regularly that they are working properly.
5. To reduce the risk of fire, clear grass, leaves and other debris from the unit. Clean up oil or fuel leaks. Let the unit to cool down before storing it.
6. Stop and inspect the unit in the event of a collision with a foreign object. Repair if needed before restarting.
7. Never adjust or repair while the engine is running. The carburettor can be adjusted while the engine is running. Do not change the rudder configuration or force the engine.
8. The components of the grass catcher system are subject to wear, damage and deterioration, which can expose moving parts or cause objects to be thrown. When storing, make sure that the grass catcher system is empty. Examine its components regularly and replace with spare parts recommended by the manufacturer if needed.
9. The mower blade(s) are sharpened and can cut. Wrap the blade(s) or wear gloves and pay particular attention when maintaining or storing them.
10. Check the brake regularly for proper operation. Adjust and have repaired consistently.
11. Wait until the unit has stopped completely before repairing any of its components.



Check the symbol indicating precautionary measures. This symbol means: "Caution! Be alert! Your safety is in danger."

Residual risks

Even if you use this product in accordance with all safety requirements, the potential risks of injuries and damage remain. The

following hazards might happen within the structure and design of this product:

- There are risks of injuries and property damage caused by the attachments or broken attachments or sudden impact of hidden objects when using the cutting function.
- Risk of damage to persons and property caused by flying objects.
- A prolonged use of this product exposes the operator to vibrations and may determine the so-called "white finger" disease. To reduce the risk, please wear gloves and keep your hands warm.
- If any of the symptoms of the "white finger" syndrome appear, consult a doctor immediately. Symptoms of the "white finger" include: numbness, loss of sensitivity, tickling, tingling, pain, loss of strength, colour changes or skin condition. These symptoms usually appear on fingers, hands or wrists. The risk is higher at low temperatures.
- Long exposure to noise can affect the operator's health. Hearing protection should always be worn when using the tool. The operation of the tool should be limited, and some rest should be taken between the two sessions (e.g. 10 min of operation and 20 min of rest).

Intended use

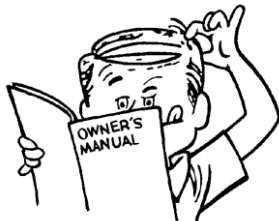
This mower is designed for mowing natural grass. Any other use is prohibited.

It is only suitable for private use in a garden or plot. Mowers designed for private plots or gardens are those used for the maintenance of private grassy areas and lawns and should not be used in public areas, parks, sports, agricultural or forestry areas.

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All persons handling electrical equipment should learn to use proper and safe operating procedures. **In order to do so, please read the following pages carefully.** Most of the time, users do not learn properly, or do not read the instructions for the device or the Instruction Manual before operating the device. Similarly, some users do not have enough experience. The result is unsafe use, which endangers the user, third parties and equipment. This also means that the mowing area may be in a bad state.

Read this Manual. Read the instructions for the device. Handle the mower in accordance with the Safety Guide. Follow all safety rules, precautions and warnings provided in the Manual and on the equipment. Ensure that all users of the device read the instructions and are instructed on how to operate it safely.



The mower will be efficient and durable if handled properly. If the mower is not properly serviced or used on rough or unsuitable terrain, its performance and safety will be reduced.

Wearing proper clothing is part of safe handling. Protective glasses prevent eyes damage by objects thrown by the mower. Non-slip protective shoes with steel soles can protect your feet from blade injuries. Wearing clothing covering arms and legs is recommended to protect yourself against objects that may be thrown by the mower.

Many devices are switched on manually. If starting by pulling, keep feet away from the blade(s). Hold the rope handle firmly. Never wrap the arm in the rope or fingers to get a "better grip". To start the unit, follow the instructions displayed on the unit, in this manual and the instructions for operating the engine.

For engines that are powered on, sit on the seat to start them. The battery can be dangerous. Follow the instructions on the battery, acid tank and this manual if you are working with a battery. Even small batteries are equipped with enough voltage to cause injury. Always be alert.

The mower is designed to be operated by a single person. Never allow anyone else to ride with you on the mower or any of its accessories. A passenger makes the device more difficult to control, hiding the vision or distracting the user, which is dangerous for the user, the passenger involved and the equipment. Without a specially designed seat, the passenger may fall off the mower or come into contact with dangerous parts. A lawnmower is not a toy to impress others or to take a walk.



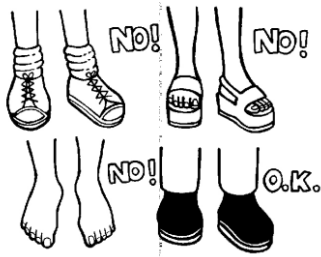
Never mow a wet lawn. Wet grass can cause an accident, reduce the mower's performance, and worsen the appearance and future growth of the lawn. Wet grass is slippery and can cause the mower to slide. A third party may be injured if it comes into contact with the blade(s). Wet grass tends to clog the mower, making the removal operation inefficient. The cut wet grass piles up on the lawn, delaying its growth. Similarly, a wet mower will rust its components and shorten the life of the unit.



The blade of an electric mower rotates at high speed. It can throw rocks and other objects at long distances, which can be dangerous. The force with which objects are thrown can break tiles, cause injuries or even make a person blind. Most of the time, people get injured, especially children. Keep third parties away from the work area. Make sure that the grass is not thrown at anyone. Planning how to mow has a double benefit: it reduces the risk of accidents and makes it easier to clean up after mowing.



Review the terrain to be mowed. Mow so that you keep you away from dangerous areas. Calculate the distance required to stop or make a turn. Bumpy slopes and terrain should be mowed carefully, and some areas should not be mowed. If you are using a riding mower, mow on a slope by using an up and down motion. If you have to mow on a slope or rough terrain, do not change speed or direction suddenly, and stop only in case of emergency. Before climbing or descending a slope, try to reverse the unit. Do not mow if the slope is too steep to reverse. See the "Guide for slope mowing" at the end of the Instruction Manual.



Before starting mowing the lawn, practice by using the mower in a clear, levelled area. Get to know where the controls are located on the mower, their purpose and operation. In an emergency, being able to stop the blade as quickly as possible is essential. Learn to control the mower at all times.

When analysing the lawn, remember that obstacles such as tubes, stumps or rocks cannot be removed. Keep away from these obstacles that may damage the mower or injure the user or a third party in the vicinity. Keep the work area clear of rocks, toys, cables and other moving objects. These objects can damage the mower or be thrown by the mower blade.

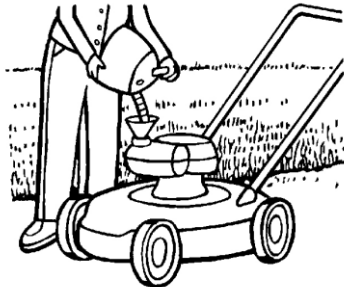


Before starting to mow, ensure that the mower is properly assembled in accordance with the Instruction Manual. If the mower has been fully assembled in

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store, you should check it anyway, in accordance with the assembly instructions. Ensure that the mower is properly assembled, and all fasteners are firmly adjusted. Ensure that the mower contains the required amount of oil. Check these items regularly throughout the life of the mower.

Your lawnmower is equipped with a fuel engine. Fuel is a dangerous fuel. Store fuel in an approved and safe tank. Do not store large quantities of fuel. When refuelling, do not smoke. Store the fuel tank and mower in a well-ventilated place. Similarly, keep the mower away from flames that may be produced by the warning light of a boiler or other contact source. If the mower is going to be stored for more than a few weeks, empty the fuel tank. Do not refuel in an enclosed area. Before refuelling, remove the mower and carefully add fuel. Before starting the appliance, clean the tank or mower in case of a fuel leak. Heated fuel tends to expand. Leave enough space in the tank to allow the fuel to expand. Similarly, the fuel tank cap is equipped with a ventilation cavity to allow the fumes generated by the fuel to escape. Always use the correct cap for the tank. Failure to follow the safety instructions may result in fire and explosion, personal injury and damage to equipment or other property.



If you refuel an appliance while it is running or hot, it may explode. Before refuelling, stop the engine and let it cool down for a few minutes. Remove dry grass and other debris from the mower. Keep the mower clean to ensure its performance, help the engine and transmission cooler, increase the life of moving parts and reduce the risk of fire. Fires and explosions are not the only hazards when handling a

handle the device inside a building. When you buy a new lawnmower, it's an experience for the whole family. Tell those around you that a lawnmower can be dangerous. Remember, a lawnmower is not a toy. A mower should not be handled by a child or person who is not old enough, strong or inexperienced.

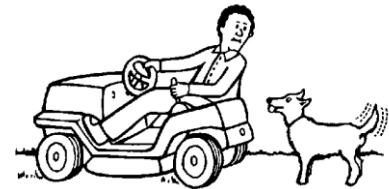
If the mower is not properly assembled, does not operate properly or is not serviced regularly, it can be dangerous. The most important rule to follow is to always use common sense and wisdom. Mow carefully and safely. Your mower is designed to easily mow thick grass. Fingers, feet or others can also be cut by the blade. Injuries occur when the user is not alert and comes into contact with the opening of the garbage chute. Always handle the mower as if the blade was running. Do not overhaul or adjust, except for the carburettor, when the engine is running.



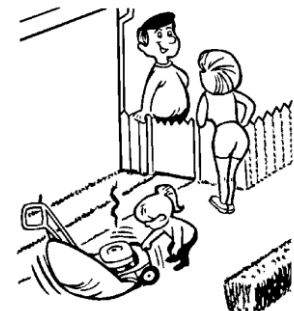
Always use the accessories approved by the manufacturer. Not checking the accessories reduces the performance of the mower and eventually damage the unit. Read and follow the instructions provided with the accessories and mower.

Always use original equipment and manufacturer-approved spare parts when overhauling. If you need to have your device serviced, go to an Authorized Service Centre for a service check. If you are working on the unit, follow the instructions in the Instruction Manual.

When mowing, remember that children are attracted to the mower. Be careful when mowing around obstacles such as trees or bushes, or when stepping back. If possible, mow only in one direction. Your visibility is reduced when you mow backwards. Similarly, the blades have been designed to cut as the machine moves forward. If you move backwards, the cutting performance decreases.

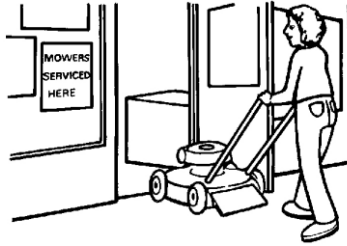


Before getting off your mower, turn off the engine. Remove the ignition key. Disengage and lower all accessories. Apply the handbrake. Never climb on or off the seat when the engine is running. An accident can occur if you touch the brake, gearshift, accelerator, clutch or blade control while the engine is running. Climb on and off the seat on the side marked ENTRY-EXIT.



Make sure you are in good shape before mowing. When mowing for many hours, your reflexes are reduced, and you are no longer as prompt. Take a short break to avoid accidents. If the temperature is high, pay attention to dehydration. If you are tired, or not fully alert, do not operate the mower. If you are under the influence of alcohol, drugs or medication, do not use the mower or any other electrical equipment.

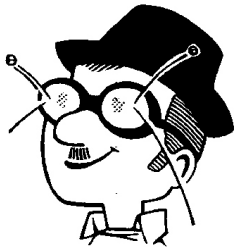
lawnmower. The engine, transmission and muffler become hot within a few minutes when the engine is running. Do not touch them. Stop the engine. Allow the engine and transmission to cool before servicing the mower. Remember, exhaust fumes are dangerous. Never



Engine speed is the key to mowing safely and having the best appearance for the lawn. The maximum speed has been configured at the factory. Do not change the rudder configuration. Select the maximum speed most suitable for the plot conditions and grass height. The blade cuts better when the engine is running at full capacity. The engine and transmission also cool down faster when the engine is running at full capacity. Similarly, the grass catcher system works better if the engine is running at full capacity. On slopes, decelerate and

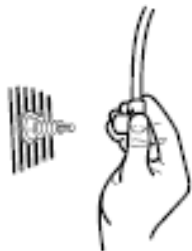
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ensure that the mower can be handled safely. If weather conditions are not good, avoid mowing. If weather conditions get bad, stop mowing and resume later. Mowing in the rain is dangerous. Always take cover in the event of an electrical storm. If the weather is extremely dry, protect the eyes from dust and other objects thrown by the mower. Similarly, a dust or pollen mask may be useful.



Your mower is equipped with important safety systems for the safety of the user and passers-by, and these should never be replaced or removed from the mower. If a safety system is lost, damaged or no longer works, have it repaired or replaced before handling the mower.

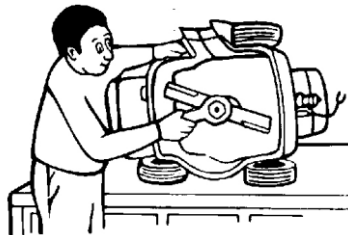
Mowing during the day is better. If you have to mow at night, make sure there is enough light for safe handling. Your mower will need regular maintenance and servicing. The maintenance schedule depends on the duration of use. Mowing conditions can also change the schedule. Check the Instruction Manual for more information. Proper maintenance ensures safe operation. Do not overhaul the mower (except for carburettor adjustment) while the engine is running. Before performing maintenance, and even if the engine is stopped, never forget to disconnect it to prevent the engine from accidentally starting.



If you hit a large object during handling, stop the engine. Unplug. Check carefully that the mower is not damaged. Before restarting, repair if needed. If you notice any new or excessive vibration, stop the engine

of a problem. Keep all nuts, bolts and screws firmly adjusted.

The blade is the most dangerous component of the mower. Regularly inspect the blade and its fasteners. Keep the latter firmly adjusted. If the blade hits a solid object, stop the engine. Unplug. Check that the blade is not bent, cracked or otherwise damaged. Before starting the engine, replace any defective blade(s). For your safety, replace the blade every two years.



A properly sharpened blade reduces the engine workload and cuts the grass more evenly. Sharpen the blade periodically for a better visual result. Use the left side of the mower deck to cut close to objects.

A grass catcher system is a useful accessory for your mower. For best performance and safety, make sure the grass catcher system is suitable for your mower. Follow the assembly and operating instructions provided with the grass catcher system.

Some grass catcher systems require a special blade for better performance. Before adjusting, checking or emptying the grass catcher system, always turn off the engine. Before each use of the grass catcher system, check for cracks, wear and tear or damage. Before using the grass catcher system, replace any damaged parts with manufacturer-approved replacement components.



To obtain a beautiful, green lawn, follow the mowing procedures below. Do not cut the grass too short. If you cut the grass too short, it may turn yellow and your lawn may become brown. Use a lower cutting level during the cold

low speed, you can damage the lawn. Put the accelerator control on FAST position when mowing and using the grass catcher system. Also, reduce the speed when using the grass catcher system.

If you change direction or cutting mode slightly, each time you mow, the grass will grow stronger and thicker. Do not fill up or add oil when the mower is on the lawn. Spilled oil or fuel can damage grass. If the grass is high or thick, do not mow it at once. Raise the cutting level during the first mowing and lower it during the following one. Another way to do this is to mow wide and reduce the motion speed (not the engine speed) in order to mow more slowly, so the mower can discharge the mown grass moving forward.

Understand the controls and how they work. Know the motion speed/s of your mower. Check the required stopping distance for different motion speeds. Check the turning radius of the mower. The controls of your riding mower are different from those of a car. The accelerator is operated manually and keeps the engine speed constant until it is changed. The location of the gearshift and how it works are different from those of a car. Similarly, the brake and clutch systems are different. Remember the procedures to follow in case of emergency. Reminder, stopping the engine stops the blade and conduct mechanism. If the wheel drive slackens or does not seem safe, disengage and stop the engine. Get off the mower. Move the unit to a safe place before mowing again.

Your unit is equipped with an electrical system that includes a presence alarm on the seat. The alarm detects if the user is sitting on the seat. The engine stops if the user gets away of the seat when the blade clutch control is on. This presence alarm is a simple safety system. Normally, it should not be used to stop the engine or blade. There are other control systems on the mower designed for this purpose. Always maintain the presence alarm, other safety and operational systems and controls in place for your safety.

Remember, your lawnmower is a tool that can be dangerous if not used properly. Follow the instructions provided in the Instruction Manual. Using the mower carefully and safely allows it to be used for many hours without any issues.

immediately and investigate the problem. Any vibration is a warning

months when the grass is thicker. Raise the cutting level during dry periods. If you mow with an unsharpened blade or at

STEPS TO FOLLOW

BEFORE MOWING

- Make sure you wear appropriate clothing. Wear hard shoes, not sandals or tennis shoes.
- Examine the blade. A bent, cracked or damaged blade should be replaced with a replacement part from the manufacturer.
- Fill the tank outside. Clean up any fuel leaks.
- Read and follow the Owner's Manual, engine instructions and accessory instructions. The instructions in the Owner's Manual have been written for your safety and that of others.
- Exhaust fumes are dangerous. Turn the unit on outside.
- Ensure that all safety systems are installed and operating properly.
- The mower should only be operated by an experienced person.
- Wet grass can be dangerous. Allow the grass to dry out.
- Instruct children and others to stay away from the work area.
- Never mow without good lighting.
- Collect scattered objects. Remove them from the cutting area.

DURING MOWING

- Be careful with fixed objects and avoid them. They can damage the mower or cause injuries.
- A hot engine, muffler and transmission can cause burns. Refrain from touching them.
- Sloping and slope ground should be mowed with care. See the "Guide for Sloping terrain" at the end of this Manual.
- Stop mowing if there is no light or not enough artificial light.
- Examine the mower, blade, and other components in the event of a collision with a foreign object, i.e. if the unit vibrates excessively.
- Do not make any adjustments or repairs without stopping the engine. Unplug.
- Watch for traffic on the road or on near ones. Unload far away from roads.
- Avoid areas where traction would not be safe when mowing. Look back before changing direction.
- Raise the cutting level if the grass is thick. Mow more slowly. Turn off the engine to remove grass from the mower.
- Never remove safety systems.
- Never pour fuel into the tank when the engine is hot or running.

AFTER MOWING

- Let the mower cool before storing it in a closed area.
- Equipment outside the mower is dangerous. Clean up leftover grass, leaves, grease and oil before storing.
- Tighten all nuts, bolts and screws that are unloosen before using the unit.
- Empty and clean the grass catcher and other accessories.
- Remove the ignition key or unplug to prevent unauthorized use.
- Make sure the mower is not stored close to a contact source. Gas fumes can cause an explosion.
- Only manufacturer-approved spare parts may be used to service the mower.
- When the mower has to be stored for a long period of time, empty the fuel tank.
- Instruct children not to touch the mower. It's not a toy.
- Never store fuel close to a contact source. Always use an approved container. Keep fuel out of reach of children.
- Lubricate in accordance with the Instruction Manual. See "Lubrication".

IMPORTANT - Read the Instruction Manual. Keep this Manual for future use and reference.



Check the symbol indicating precautionary measures. This symbol means: "Caution! Be alert! Your safety is in danger. "

INTERNATIONAL GRAPHICS

International Graphics

4. Sulfuric acid can cause blindness or severe burns.

9. DANGER: keep people, especially children, away from the unit.

IMPORTANT: Some of the following graphics are displayed on the unit or in the documentation provided with the product. Before starting the unit, know and understand the purpose of each graphic.

Warning graphics

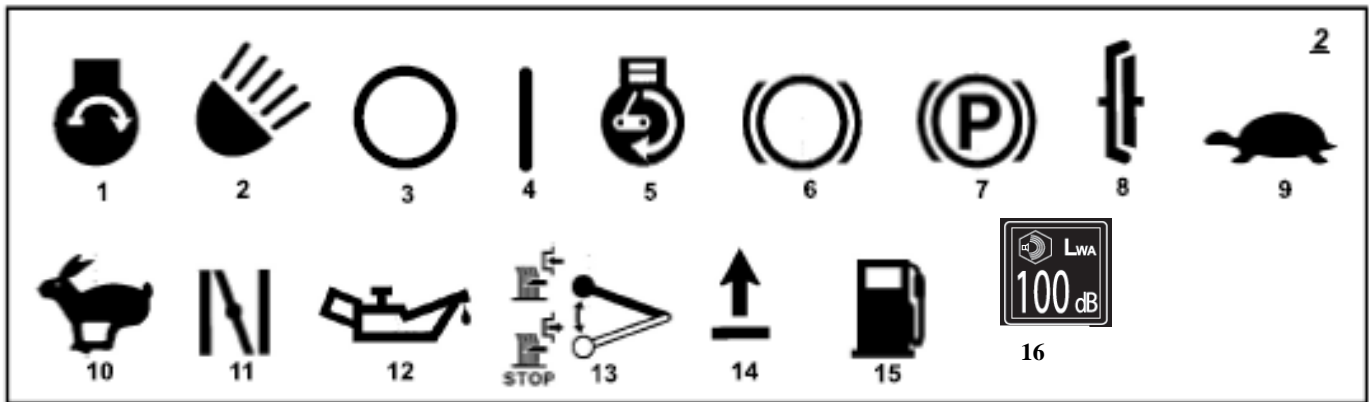
1. Caution
2. Protect the eyes. Explosive gases can cause blindness or injury.
3. No sparks or flames, no smoking.

5. Immediately rinse eyes with water Get a doctor as soon as possible.
6. IMPORTANT: Read the Owner's Manual before handling the unit.
7. CAUTION: Risk of objects being thrown. Keep passers-by away. Read the Operating Instructions before handling the unit.
8. CAUTION: Do not use this equipment on slopes with more than 15 degrees of inclination.

10. DANGER: do not walk on.
11. DANGER: Keep feet and hands away from the rotating blade.
12. DANGER: Keep feet and hands away from the rotating blade.
13. DANGER: Unplug before servicing the unit.
14. CAUTION: hot surface.
15. CAUTION: Connect and disconnect accessories carefully.
16. CAUTION: Risk of crushing your fingers.

Control and Operating Graphics

- | | | |
|------------------------|----------------|----------------------------------|
| 1. Starting the engine | 6. Brake | 11. Starter |
| 2. Headlamps | 7. Handbrake | 12. Oil |
| 3. Engine shutdown | 8. Accelerator | 13. Checking the blade rotation |
| 4. Engine shutdown | 9. Slow down | 14. Raising |
| 5. Engine running | 10. Accelerate | 15. Fuel |
| | | 16. Guaranteed sound power level |



Read the instructions manual



Keep people away



Danger – Rotating blades. Keep hands or feet away from openings while the machine is running.

ASSEMBLY

ASSEMBLY

Read and follow the assembly and adjustment instructions for your mower. All fasteners are in the parts bag. Do not discard any parts or materials until the unit is completely assembled.

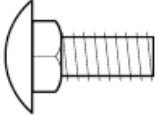


CAUTION: before assembling or servicing the mower, please disconnect it.

NOTE: In this instruction manual, left and right describe the location of a part in relation to the riding driver.

PIECES BAG - CONTENT

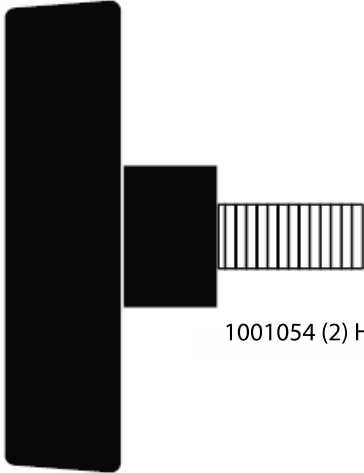
Fasteners and other spare parts are listed below. Fasteners are exposed to real size. The amount is indicated in brackets ().



2x82 (2) Transport Lock



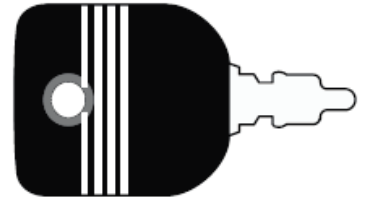
14x79 (2) Wing nut



1001054 (2) Handle

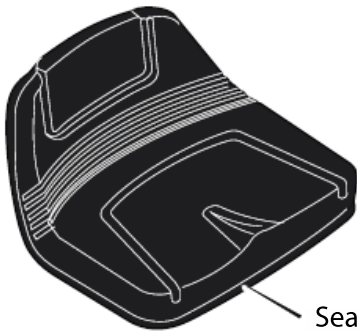


17x47 (2) Gasket

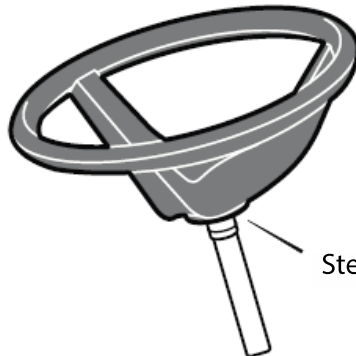


(2) Contact centre

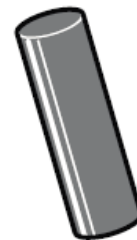
SPARE PARTS - CONTENT



Seat



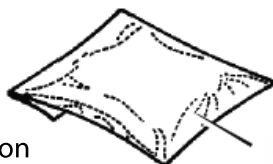
Steering wheel and seat bar



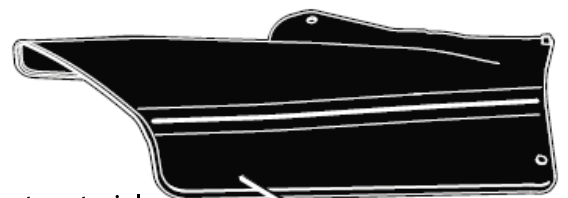
Hold-up baseplate



Documentation



Equipment material

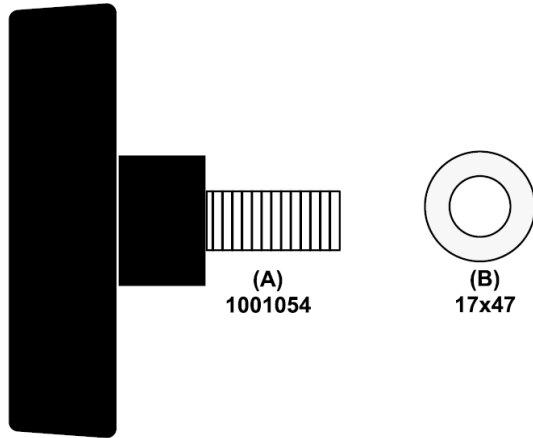


Accessory for side discharge

ASSEMBLY

SEAT INSTALLATION

Use the fasteners shown below to assemble the **seat**. Fasteners are exposed in real size.



1. Carefully remove the plastic packaging from the **seat**.
2. Lift the **seat support** and secure in STAND-UP position with the **seat support bar**.
3. Align the **seat** with those of the **seat bracket** (Fig. 1). Secure the seat to its bracket using the brackets **as shown**.

4. Check the operating position of the **seat**. If the **seat** needs to be adjusted, release the two **wing nuts (A)**. Slide the **seat** forward or backward along the **adjustment cavities** as shown. Tighten the **wing nuts (A)** again.

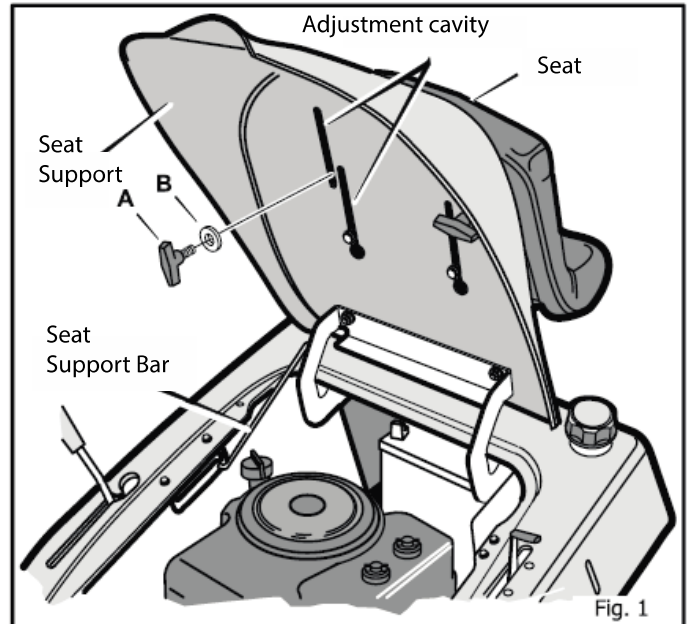


Fig. 1

STEERING WHEEL INSTALLATION

Assemble the steering wheel as shown below:

1. Make sure the front wheels are in position.
2. Slide the **tube** in the **console** (Figure 2). Make sure you have that the end of the tube adjusts to the steering ring.
3. Slide the **steering wheel** and **seat bar** in the **tube** and **console**. Press the **steering wheel**. The **seat bar** locks into the gearwheel pinion. Pull the **steering wheel**. Ensure that the **seat bar** is locked in place.

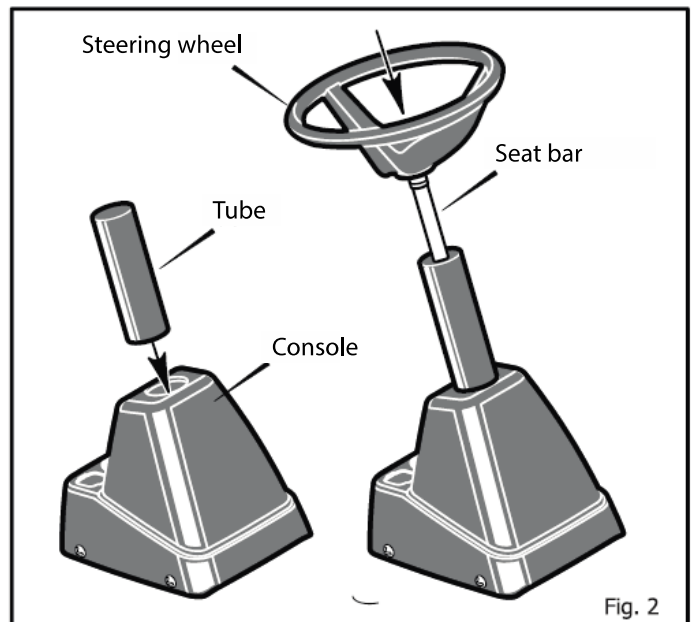


Fig. 2

ASSEMBLY

MAINTENANCE BATTERY

IMPORTANT: Before attaching the cables to the battery, check the date of the latter. The date indicates if it needs to be charged.

1. Lift the seat support and secure in STAND-UP position with the seat support bar.
2. Examine the upper part of the battery to locate where the **battery date** (Figure 3) is shown.
3. If the **battery** has been put into service before **date**, the cables can be attached without the need to charge the **battery**. See "Battery Cables Attachment".
4. If the **battery** has been put into service after the **date**, it should be charged. See "Charging the Maintenance Battery".

CHARGE THE MAINTENANCE BATTERY

CAUTION: When charging the battery, do not smoke. Keep the battery away from sparks. Vapours of sulfuric acid can cause an explosion.

1. To disconnect the **battery clip** from its **tray**, press the lower end of the clip
2. Detach the **battery** from the right side of the unit.

3. Remove the protective caps from the **battery terminals**.
4. Use a 12-volt charger to charge the **battery**. Charge at a rate of 6 amps per hour. If you do not have a battery charger, have it charged by an Authorized Service Centre.
5. Install the **battery** and secure it to its **clip**. Make sure that the **positive (+) terminals** are on the right side.

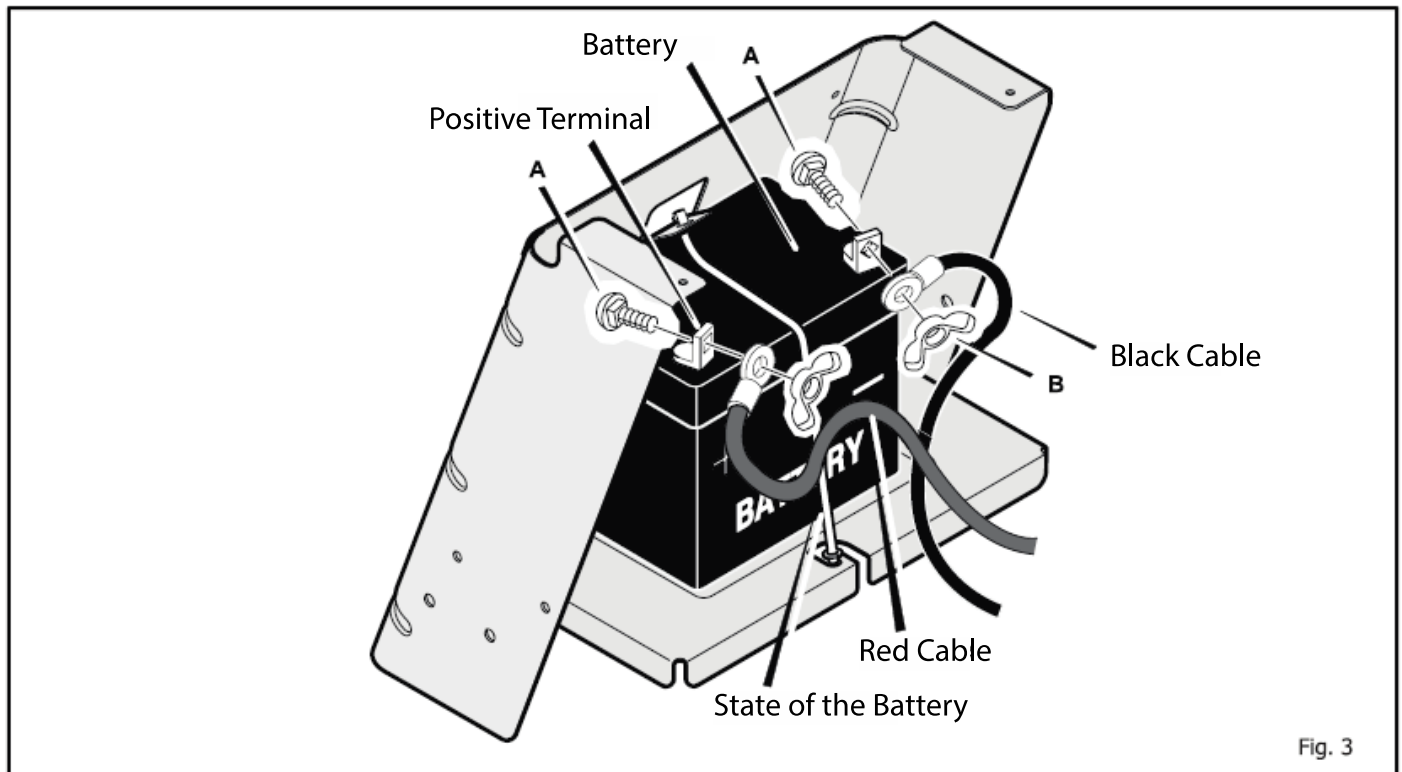
INSTALLATION OF BATTERY CABLES

CAUTION: to avoid sparks, connect the red cable to the positive (+) terminal before connecting the black cable.

Use the fasteners shown below to connect the **battery cables**. Fasteners are shown in real size.



1. Remove the protective caps from the battery terminals.
2. Connect the **red cable to the positive terminal** using the clamp as shown (Figure 3).
3. Connect the **black cable to the negative terminal** using the clamp as shown.



ASSEMBLY

IMPORTANT! IMPORTANT! BEFORE STARTING MOWING

- Check the oil level in the crankcase
- Fill up the fuel tank
- Check the level of the mower crankcase
- Check the tire pressure
- Make sure that the battery cables are connected



CAUTION: before assembling or servicing the mower, please disconnect it.

NOTE: In this instruction manual, left and right describe the location of a part in relation to the riding driver.

BEFORE STARTING UP

NOTE: The engine was supplied by the manufacturer with oil included. Check the oil level. Add oil if needed.

See engine manufacturer's instructions for the type of fuel and oil to be used. Before using the unit, read the information on safety, handling, maintenance and storage.



CAUTION: follow the engine manufacturer's instructions for the type of fuel and oil to be used. Always use a secure fuel container. Do not smoke when refuelling. Do not refuel in an enclosed area. Before refuelling, turn off the engine. Let the engine cool for a few minutes.

IMPORTANT: This unit is equipped with an internal combustion engine and should not be used on or close to plots.

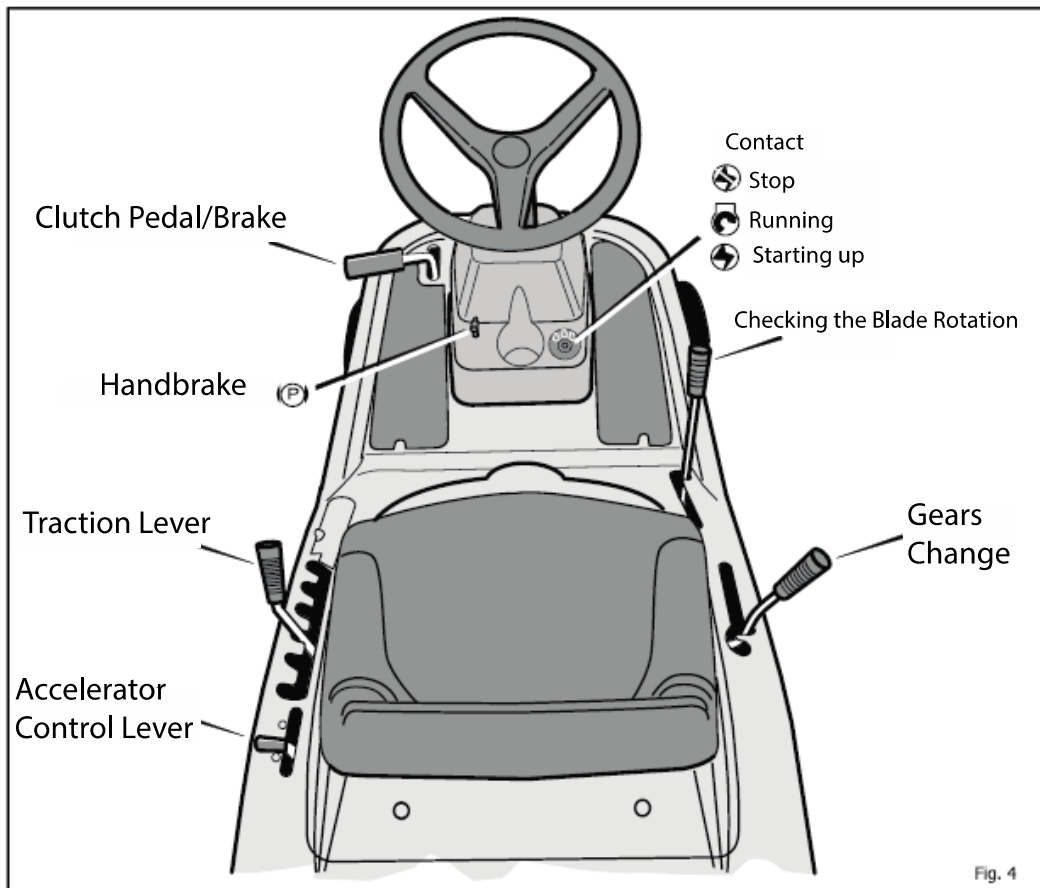
LEVEL CHECK OF THE MOWER FRAME

Ensure that the cutting level remains correct. After mowing a small area, examine it. If the mower frame does not cut in levelled mode, see the Instructions for "Checking the levelling of the mower frame" in the Maintenance section of this instruction manual.

TIRE CHECK

Check the tire pressure. Too high a pressure will cause the unit to operate chaotically. Similarly, incorrect pressure prevents the mower frame from cutting in levelled mode. The correct pressure (PSI) is 14 PSI (1 BAR). The tires have to be inflated during transport.

OPERATION



CONTROL LOCATION

Blade Rotation Control: use this control to turn the blade rotation on and off.

Clutch/Brake Pedal: the pedal has two functions. The first function is the clutch, the second is the brake.

Contact Switch: use this switch to start and stop the engine.

Shifting: use it to change gears.

Pull Lever: use this lever to change the cutting level.

Handbrake Lever: Use this lever to apply the handbrake before leaving the unit.

Accelerator Control Lever: use this lever to increase or decrease the engine speed.

OPERATION

ACCESSORIES

This unit can be completed with various accessories. See the related page in this Manual. This unit can pull accessories such as lawn sweeper, ventilation systems, hopper spreaders or small trailers. This unit cannot be supplemented with accessories such as plough, harrow

Gross weight refers to the weight of the accessory or trailer and the load that can be transported.

Do not handle on a slope with more than 10 degrees of inclination when pulling from a rear-wheel drive or trailer attachment. We have included

or rake, which are ploughing equipment.

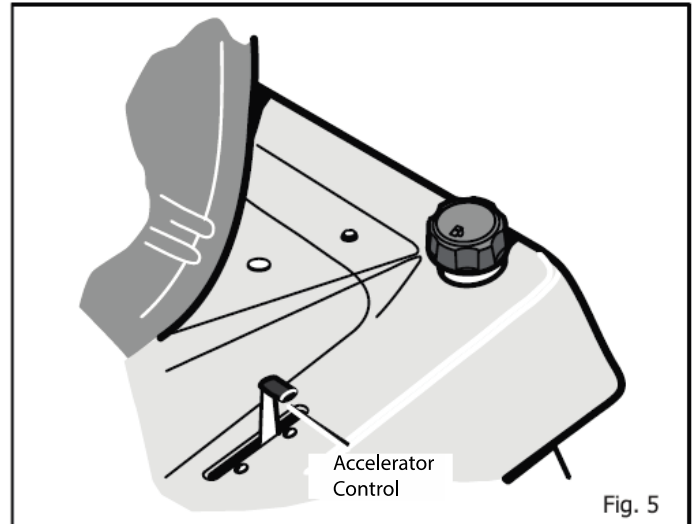
The maximum gross weight of rear-wheel drive accessories or trailers is 90.71 kg.

a guide in this Manual to help you handle the unit on sloped terrain. Never allow anyone to stand or drive an accessory or trailer.

USE OF THE ACCELERATOR/STARTER CONTROL

Use the **accelerator/starter control** to start the unit when cold and increase or decrease the engine speed (Figure 5).

1. Slide the **accelerator/starter control** forward to the STARTER position to start a cold engine.
2. The QUICK position is indicated by a ratchet. In order to operate normally and when using a grass catcher system, set the **accelerator control** to the FAST position. Handle the unit in FAST position to charge the battery to maximum and cool the engine.
3. The rudder is factory configured for maximum performance. Do not adjust the rudder to increase engine speed.



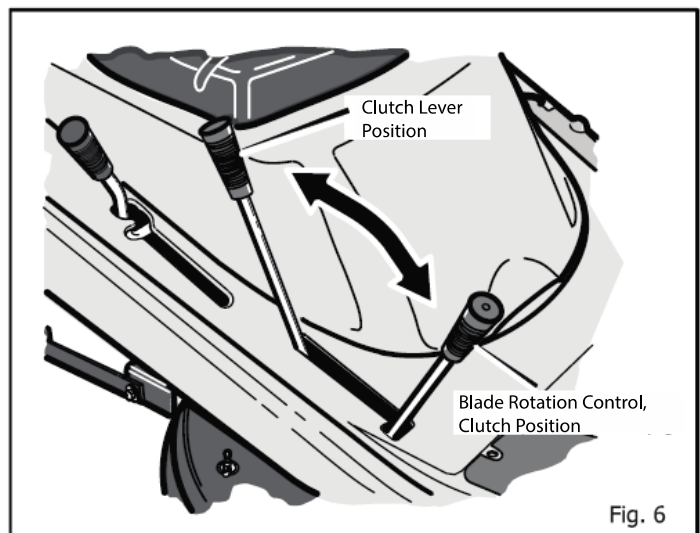
USE OF THE BLADE ROTATION CONTROL

Use this control to engage the blade (Figure 6).

1. Before starting the engine, make sure that the blade rotation control is in the CLUTCH LEVER position.
2. To rotate the blade, slide the blade rotation control forward to lock it in CLUTCH position.
3. In order to stop the blade, set the blade rotation control to the CLUTCH LEVER position. Before leaving the unit, make sure that the blade has stopped rotating.
4. Before handling the unit on a sidewalk or road, set the blade rotation control to the CLUTCH LEVER position.



CAUTION: always keep hands and feet away from the blade, baffle opening and mower frame when the engine is running.



OPERATION

USE OF GEAR SHIFTING

To change the speed of the unit or change direction, follow the steps below:

CAUTION: Before operating the gearshift, fully press the starter/brake pedal to stop the unit. If the unit is not stopped, the

3. To move forward, push the **gearshift** to the corresponding mode. To reverse, push the **traction lever** to the REVERSE mode.

gearbox may be damaged.

1. Fully press the starter/brake pedal to stop the device. Keep your foot on the pedal (Figure 7).

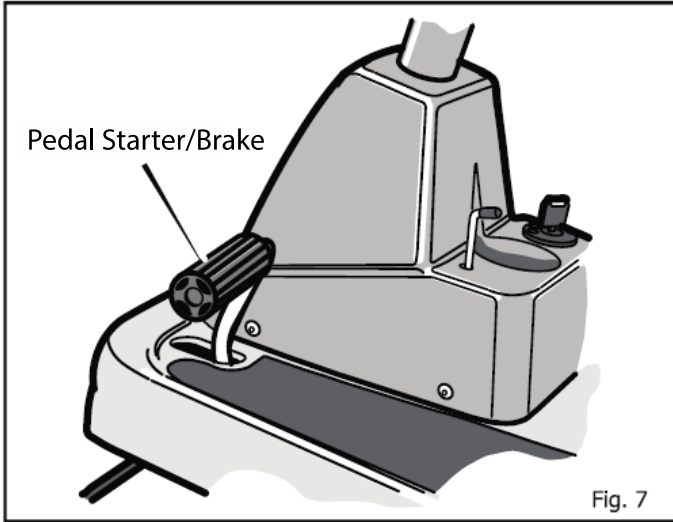


Fig. 7

2. Move the accelerator control lever to the SLOW position (Figure 8).

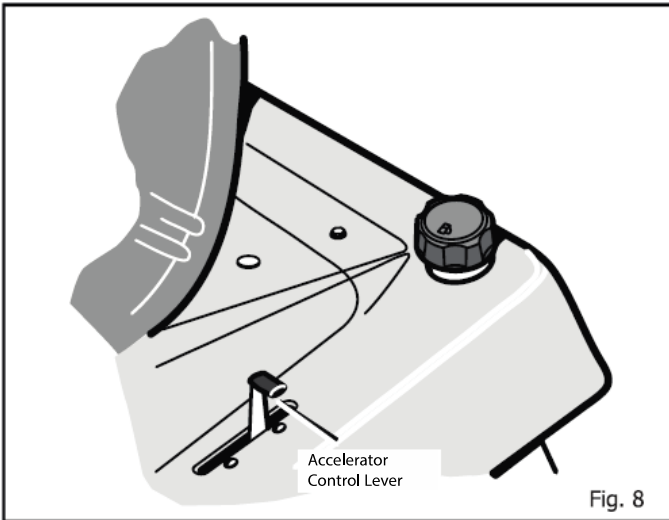


Fig. 8

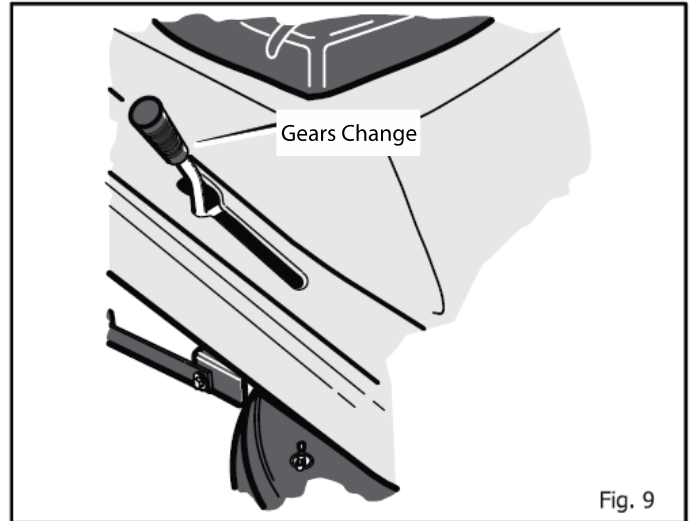


Fig. 9

4. Gently release the clutch/brake pedal. Do not keep your foot on the pedal.

5. Set the accelerator control to the FAST position.

FONCTION	6-SPEED GEARSHIFT FUNCTION	ACCELERATOR
Size Snow removal	1	Fast
Grass catching	1 or 2	Starter
Mulching	2 or 2	Fast
Normal cut	2 or 3	
Quiet cut Snowplow blade	3 or 4	
Transport	5 or 6	
Accessories	*	

* See the Instruction Manual for Accessories.

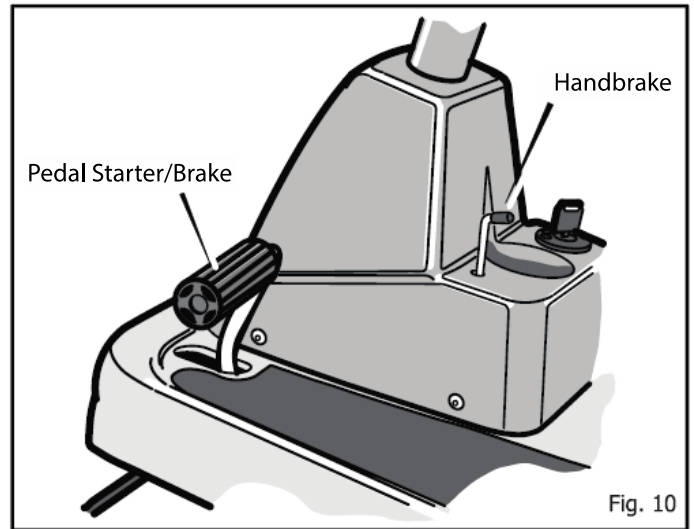
OPERATION

APPLY THE HANDBRAKE

1. Fully press the **starter/brake pedal**.
2. Pull the **handbrake lever** (Figure 10).
3. Take off your foot the starter/brake pedal and release the **handbrake lever**. Ensure that the **handbrake** retains the unit.
4. To release the **handbrake**, fully press the **starter/brake pedal**. The **handbrake** releases automatically.



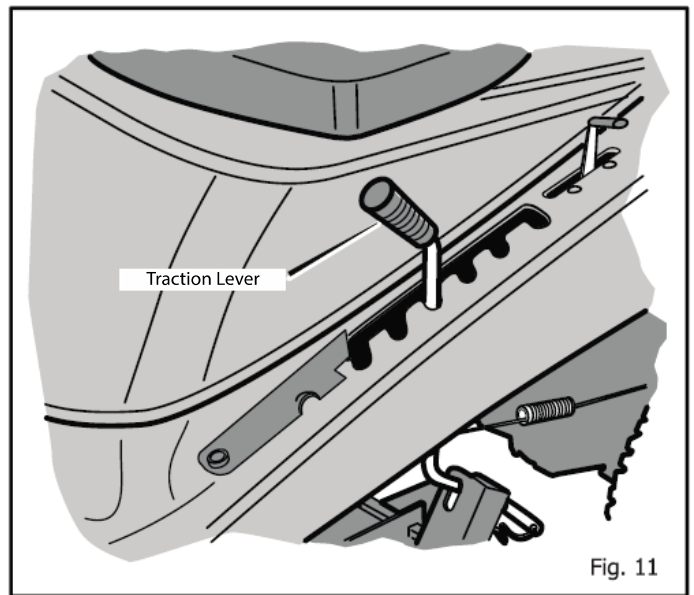
CAUTION: Before leaving the unit, push the gearshift to the neutral position (N). Apply the handbrake. Set the blade rotation control to the CLUTCH LEVER position. Stop the engine and remove the ignition key.



ADJUSTMENT OF THE CUTTING LEVEL

In order to adjust the cutting level, lift or lower the **traction lever** as follows:

1. Push the **traction lever** to lower the mower frame and pull the lever to lift the frame (Figure 11).
2. If you are driving on a sidewalk or road, set the **traction lever** to the highest position and the blade rotation control to CLUTCH LEVER mode.



STOPPING THE UNIT

1. Fully press the clutch/brake pedal to stop the unit. Keep your foot on the pedal.
2. Set the blade rotation control to the CLUTCH LEVER position.
3. Push the gearshift to the NEUTRAL position.
4. Apply the handbrake.



CAUTION: Make sure that the handbrake retains the unit.

5. Set the accelerator control to the SLOW position.
6. To stop the engine, turn the ignition key to the OFF position. Remove the key.

TRANSPORT OF THE UNIT

Secure the unit during transport to avoid fuel loss, damage and injuries.

To transport the unit, follow the steps below:

3. Put the accelerator control on an intermediate position between SLOW and FAST.

1. Set the blade rotation control to the CLUTCH LEVER position.
2. Pull the traction lever to the highest position.

4. To go faster, push the gearshift to a faster position.

OPERATION

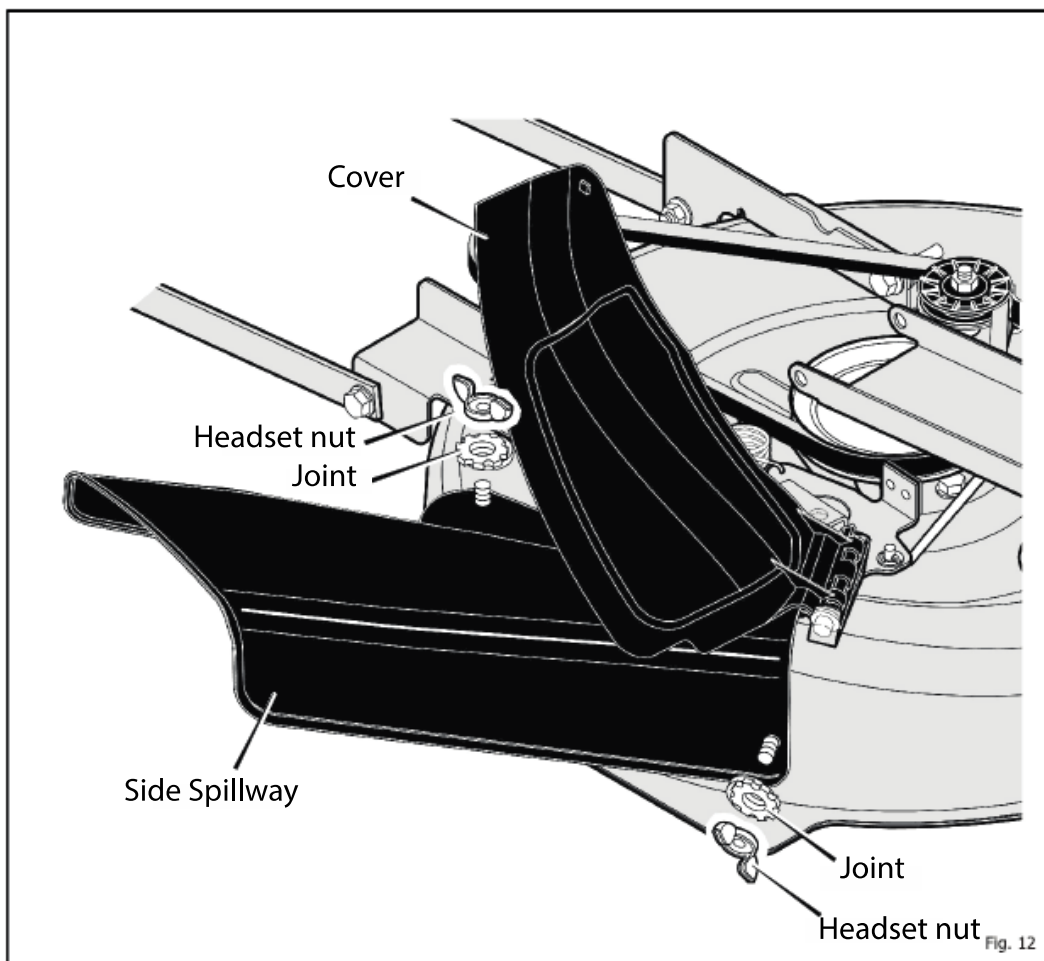
INSTALLATION OF THE SIDE WEIR



CAUTION: To avoid accidental starting of the engine, please disconnect it. Make sure that the blade rotation control is in the CLUTCH LEVER position.

The **mulching system cover** allows the grass to be mulched to get a precise and fine cut. To remove the grass from the **side weir**, adjust it as follows.

1. Release the fasteners that secure the **mulch system cover** (Figure 12).
2. Lift the **cover**. Adjust the **side weir** with the same nuts securing the **cover**.
3. Secure the **side weir** with the fasteners.
4. To mulch, remove the **side weir** and adjust the **cover** to the mower frame using the fasteners.



OPERATION

BEFORE STARTING THE ENGINE

CHECK THE OIL

NOTE: The engine was supplied by the manufacturer with oil included. Check the oil level. Add oil if needed. Follow the engine manufacturer's instructions for the type of fuel and oil to be used.

1. Ensure that the unit is level.

NOTE: Do not check the oil level while the engine is running.

2. Check the oil. Follow the procedures given in the engine instructions provided by the manufacturer.
3. If needed, add oil until it reaches the FULL mark on the oil dipstick. The amount of oil to be added to fill up is indicated on the oil level dipstick. Do not add too much oil.

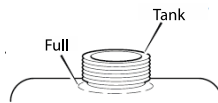
FILLING UP THE FUEL TANK



CAUTION: always use a secure fuel container. Do not smoke when refuelling.

of fuel. Do not refuel in an enclosed area. Before refuelling, turn off the engine. Let the engine cool for a few minutes.

Fill the fuel tank with regular unleaded fuel. Do not use premium unleaded fuel. Ensure that the fuel is clean and fresh. Leaded fuel increases deposits and reduces valve life.



CAUTION: A mixture of alcohol (ethanol or methanol) and fuel (called diesel) causes moisture and acid deposition during storage. When the unit is stored, acids in the fuel can damage the system.

To avoid any engine problems with the fuel system, empty the fuel system before storing it for 30 days or more, as follows:

1. Empty the fuel tank.
2. Start the engine. Let it run until the supply hose and carburettor are empty.
3. In order to use the unit after long-term storage, be sure to use fresh fuel. See storage instructions for more information.
4. Never use engine or carburettor cleaners, as permanent damage may occur to the tank.

CARBURATOR

The carburettor was designed in the factory for many reasons. If the engine is started according to the following instructions, the carburettor mixture can be adjusted. To adjust the carburettor, see the manufacturer's engine instructions.

1. There is a loss of power by the engine or it does not run regularly.
2. A change in handling from summer to winter.
3. A temperature change of 40 degrees during handling. The carburettor has been factory adjusted to 80 degrees.
4. The engine runs at a height of more than 1,212.20 metres.

START THE ENGINE



CAUTION: your unit is equipped with an electrical system that includes a presence alarm on the seat. The alarm detects if the user is sitting

on the seat. The engine stops if the user gets away from the seat when the blade clutch control is on or the transmission is engaged. Always make sure that the presence alarm is working properly, for your safety.

NOTE: The engine starts when you press the clutch/brake pedal or apply the handbrake and put blade rotation control to the CLUTCH LEVER position.

1. Fully press the clutch/brake pedal. Keep your foot on the pedal.
2. Push the gearshift lever to the NEUTRAL position (N).

3. Make sure that the blade rotation control is in the CLUTCH LEVER position.
4. Press the accelerator control fully to the STARTER or FAST position. Some models have a separate handle for the starter. Pull this handle until you reach the STARTER position.
5. Turn the ignition key to the ON position. Release the key when the engine starts.

NOTE: If the engine does not start after trying four or five times, see the Diagnostics Table.

6. Gently put the accelerator control in the SLOW position.
7. Let the engine run cold for a few minutes. Start working when the engine is hot. In order to start a hot engine, set the accelerator control to an intermediate position between SLOW and FAST.

OPERATION

FRAME OPERATION



CAUTION: the mulching system cover is a safety system. Do not remove it. The baffle directs the discharged material to the ground. Always keep the baffle in low position. If the baffle is damaged, replace it with the original spare part from an Authorized Service Centre.

IMPORTANT: when handling with the frame, always maintain control of the accelerator in the FAST position.

1. Start the engine.
2. Pull the pull lever to the desired cutting level. If the grass is high or thick, mow it at the highest height first, then lower the frame to a lower height.

CAUTION: Do not work with the frame in the LEVEL ADJUSTMENT position, as the frame and blades may be damaged.

3. Set the accelerator control to the SLOW position.

4. Gently move the blade rotation control to the CLUTCH LEVER position.

5. Fully press the clutch/brake pedal.

6. Set the gearshift to the desired mode.

NOTE: If you mow thick grass or use the grass catching system, reduce speed.

7. Gently release the clutch/brake pedal.

8. Move the accelerator control to the FAST position. If you need to go faster or slower, stop the unit and change gears.

9. Ensure that the cutting level remains suitable. After mowing a small area, examine the work area. If the frame does not mow in levelled mode, see the instructions for "Levelling the Mower Frame" in the Maintenance section.



CAUTION: in order to better control the unit, always select a safe speed.

MOWING ON SLOPING GROUND



CAUTION: do not work on steep slopes not allowing reversing easily. Never drive the unit across the slope. See the "Guide for Mowing on Sloping Ground" for more information at the end of this Manual.

2. Before handling the mower on a slope, reduce to the slowest speed.
3. Do not stop or change gears on a slope. If you have to stop, quickly press the clutch/brake pedal and apply the handbrake.

4. To restart, make sure that the selected speed is the slowest. Move the accelerator control to the SLOW position. Release the pedal slowly.

5. If you have to stop or start on a slope, make sure there is enough space to allow the unit to roll when you release the brake and engage.

6. Be very careful when changing direction on a slope. When working on a slope or changing direction, move the accelerator control to the SLOW position to avoid the risk of an accident.

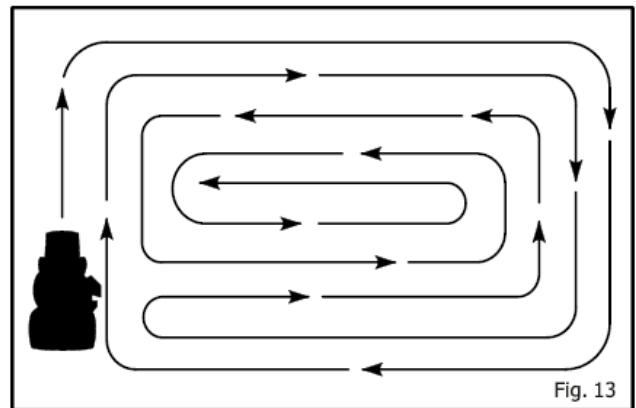
OPERATION

HANDLING ADVICE

1. Check that the blade rotation control is correctly adjusted so that the blade(s) can be easily disengaged.
2. Before using the unit, check the oil level in the dipstick and add more if needed.
3. If the unit does not start, first make sure that the battery is connected.
4. Make sure that all belts are inserted into the guide arms. See instructions for mower rudder and belts.
5. Before performing any check, adjustment (except for the carburettor) or repair, be sure to disconnect.
6. To ensure a longer battery life on electrically powered models, charge the battery every three months.
7. Use gear shifting and not accelerator control to change gears.
8. The belts may wrinkle when the blade or clutch is engaged. This wrinkle is normal and does not affect the operation of the device.

TIPS FOR MOWING AND BAGGING

1. For an even more beautiful lawn, check the cutting level of the mower's frame. See "Levelling the mower frame" in the Maintenance section.
2. To ensure that the mower frame cuts in levelled mode, make sure the tire pressure is correct.
3. Check the blade every time you use the unit. If it is bent or damaged, replace it immediately. Also, make sure that the nut holding the blade is firmly screwed in.
4. Keep the blade(s) sharp. Worn blades make the grass tip turn brown.
5. Do not mow or catch wet grass. Wet grass does not discharge easily. Let the grass dry before mowing.
6. Use the left side of the mower frame to cut close to objects.
7. Discharge the cut grass onto the mown surface. This makes discharge more regular.
8. When mowing large areas, start by turning to the right so that the cut grass is dumped away from shrubs, fences, driveways, etc. After one or two turns, mow in the opposite direction to the left until you finished the work (Figure 13).
9. If the grass is very high, mow twice to reduce the engine load. First mow with the frame in raised position and then lower it during the second cut.
10. For better engine performance and regular discharge of mown grass, always work with the accelerator in FAST position.
11. When using the grass catcher system, work with the accelerator in FAST position and the gear change in first or second gear.
12. For better performance and cutting quality, mow with the gearshift engaged at one of the slowest speeds.
13. After each use, clean the upper and lower parts of the frame for better performance. Similarly, a clean frame helps preventing fire hazards.



MAINTENANCE

MAINTENANCE TABLE

FREQUENCY	MAINTENANCE REQUIRED	NOTES
Daily or before each use	Engine maintenance.	Refer to the Owner's Manual Engine Section.
	Checking the blades.	Check for cracks, wear and excessive damage.
	Remove debris from the unit and mowing area.	Refer to the Maintenance section.
	Check the rotating and sliding parts.	Refer to the Maintenance section.
	Check that the mower frame is levelled.	Check for cracks, wear and excessive damage.
After the first 5 hours	Check the functioning of the brake.	Refer to the Operation and Maintenance Sections.
	Change the oil.	Refer to the Owner's Manual Engine Section.
After 25 hours	Engine maintenance.	Refer to the Owner's Manual Engine Section.
	Remove, check, sharpen and balance the blades.	Refer to the Maintenance section.
	Check the adjustments: Checking the blade rotation. Brake Clutch Rudder	Refer to the Maintenance section.
	Lubricate the mower frame.	Refer to the lubrication instructions.
	Check the silencer: a. Torque b. Wear-and-burn c. Spark arrester condition (if any)	Refer to the Maintenance section.
Before storing for 30 days or more	Prepare the engine for storage.	Refer to the Owner's Manual Engine Section.
	Empty the fuel system.	Refer to the warnings in the Owner's Manual.
	Add fuel stabilizer.	Refer to the Owner's Manual Engine Section.
	Prepare the battery for storage: a. Disconnect from the unit. b. Charge. c. Store in a cool, dry place.	

GENERAL RECOMMENDATIONS

1. It is the owner's responsibility to maintain this product to extend its life and maintain insurance coverage.
2. Check the plug, brake, lubricate the unit and clean the air filter once a year.
3. Check the fasteners. Make sure they are firmly adjusted.
4. Follow the instructions (Maintenance to keep the unit in good operational order.



CAUTION: Before performing any check, adjustment or repairing the unit, please disconnect it from the power supply to prevent accidental start-up.

NOTE: torque is measured in meters. This measurement indicates whether nuts and bolts should be firmly screwed in. The torque is measured with a torque wrench.

SILENCER CHECK

Check the silencer every 50 hours. Make sure it is properly assembled and is not released. If the silencer is worn or burnt, replace it with a new one. A damaged silencer is a source of fire and can also damage the engine.

If you are assembling a spark arrester to the silencer, check both components at the same time. If the spark arrester is damaged or worn, replace it with a new one. Go to the closest Authorized Service Centre to do so.

MAINTENANCE

BLADE CHECK



CAUTION: before checking or removing the blade, please disconnect it. If the blade hits an object, stop the engine. Check that the unit is not damaged.

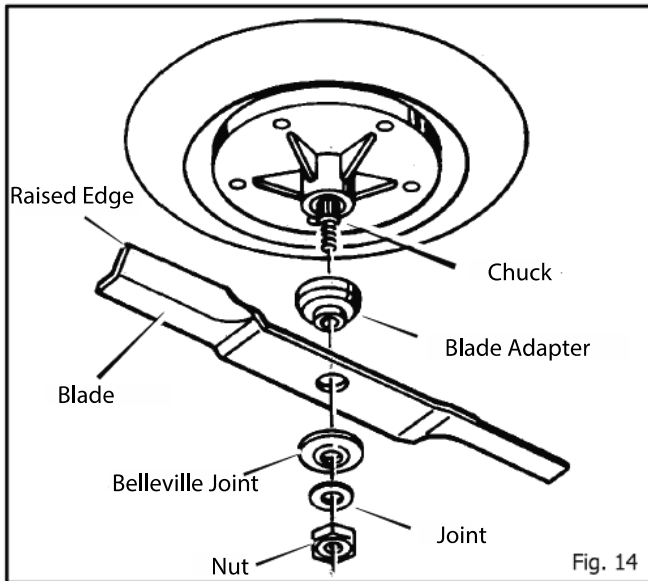
The blade has sharp edges. When carrying the blade, use gloves or a cloth to protect your hands.

9. Tighten the nut holding the blade to a torque of 47.5 N-m.
10. Install the mower frame. See the instructions for "Installing the mower frame".

If you keep the blade sharp and check that it is not damaged, it cuts better and safer. Check the blade frequently for excessive wear, cracks or other damage. Frequently inspect the nut holding the blade in place. Keep this nut firmly in place. If the blade hits an object, stop the engine. Unplug. Check that the blade is not twisted or damaged. Check that the adapter is not damaged. Before starting up, replace damaged parts with original spare parts. Go to the closest Authorized Service Centre. Every three years have the blade serviced or replaced with an original spare part by an authorized expert.

REMOVE AND INSTALL THE BLADE

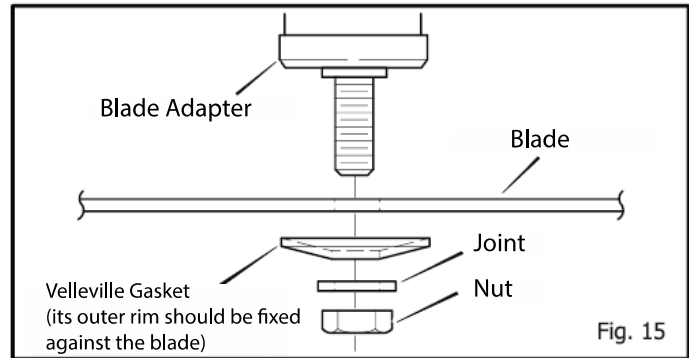
1. Remove the frame. See the instructions for "Removing the mower frame".
2. Use a piece of wood to prevent the blade from turning.
3. Unscrew the nut holding the blade (Figure 14).



4. Check the blade and its adapter according to the relevant instructions. Replace a seriously worn or damaged blade with an original replacement blade. Go to the closest Authorized Service Centre.
5. Clean the upper and lower parts of the frame. Remove grass and debris.
6. Assemble the blade and its adapter to the chuck (Figure 14).
7. Assemble the blade so that its raised edge is in position. If the blade is upside down, it does not cut properly and can cause accidents.
8. Adjust the blade with the original seals and nut. Make sure that the outer rim of the Belleville joint is fixed against the blade (Figure 15).



CAUTION: The nut holding the blade should always be firmly screwed in. A loose nut or blade can cause accidents.



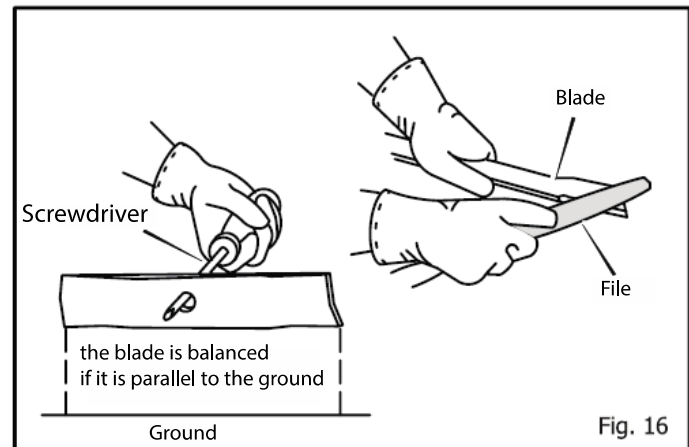
SHARPEN THE BLADE



CAUTION: risk of vibration if the blade is not properly balanced or is damaged. A cracked blade can break and cause an accident.

Keep the edges of the **blade** sharpened. An un-sharpened **blade** turns the grass tip to brown.

1. Sharpen the **blade** twice a year or every 25 hours.
2. Remove the **blade** according to the corresponding instructions.
3. Clean the blade with a brush, water and soap. Check the blade for cracks, nicks or other damage. Replace a seriously worn or damaged **blade** with an original replacement blade. Go to the closest Authorized Service Centre.
4. Sharpen the **blade** with a **file** (Figure 16). Be sure to maintain the original oblique angle.
5. Ensure that the **blade** is balanced. Use a **screwdriver** and hold the **blade** parallel to the **ground** (Figure 16). A balanced **blade** remains parallel to the **ground**. If the **blade** is not balanced, its heaviest end turns to the **ground**. Sharpen this edge until the **blade** is balanced.
6. A new blade mows better than a seriously worn blade. Every three years have the blade serviced by an authorized expert or replaced with an original replacement one.
7. Assemble the blade according to the corresponding instructions.



MAINTENANCE

CHECK THE BLADE ROTATION control

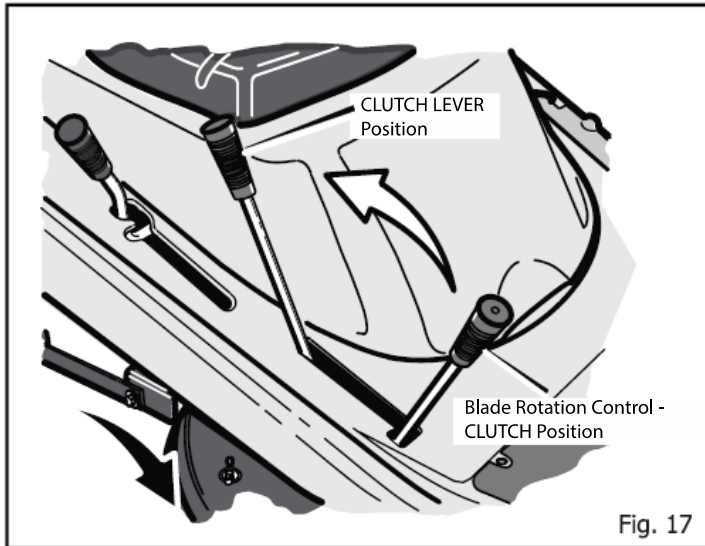


CAUTION: the blade rotation control should operate properly to avoid injuries.

4. Check the blade(s). Keep the edges of the blade sharpened. An unsharpened blade causes the grass tips to turn brown.
5. If the cutting quality has not improved, replace the **mower belt**.

During normal operation, the blade rotation control does not require any adjustments. However, if the cutting performance decreases or the quality of the cut is low, make the following changes:

1. When mowing, make sure the accelerator control is in FAST position.
2. Place the **blade rotation control in the CLUTCH LEVER position** (Figure 17).
3. Stop the engine. Unplug.



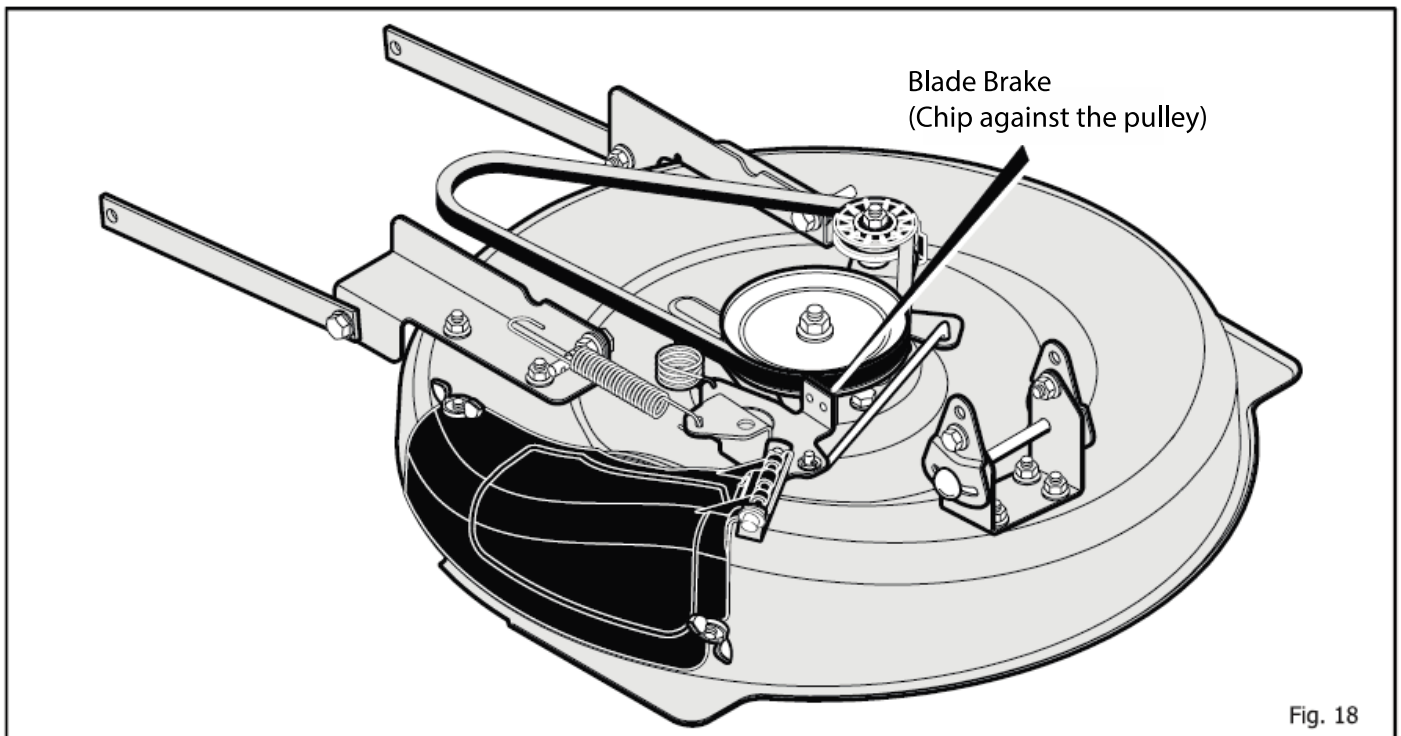
See the relevant Instructions. If replacing the belt does not solve the problem, take the unit to an Authorized Service Centre.

6. Gently move the **blade rotation control to the CLUTCH LEVER position**. Stop the engine. Unplug.
7. Check the functioning of the **blade brake**. Turn the pulley manually. Make sure that the **brake pad** is firmly adjusted to the pulley (Figure 18).



CAUTION: If the brake pad is not firmly adjusted to the pulley, take the unit to an Authorized Service Centre.

8. Move the **blade rotation control to the CLUTCH LEVER position**.
9. Check the **blade brake pad**. If the brake pad is seriously worn or damaged, replace the **brake pad assembly**. Appropriate spare parts and support are available in an Authorized Service Centre.
10. Plug in. Mow a short distance and re-examine the operation of the **blade rotation control**.
11. When moving the **blade rotation control to the CLUTCH LEVER position**, all motion stops within five seconds. If the belt goes on moving or the blades go on rotating, engage and disengage the **blade rotation control** five times to remove excess rubber from a new **mower belt**. If you need help, take the unit to an Authorized Service Centre.



MAINTENANCE

CHECK AND ADJUST THE BRAKE

Fully press the clutch/brake pedal. Apply the handbrake. Place the gearshift in neutral position (N). Push the unit. If the rear wheels rotate, adjust or replace the **brake pads** as follows:

1. The brake pads are located on the left side of the gearbox (Figure 19).
2. Make sure the handbrake is on and the gearshift on N. Screw the **hex nut** clockwise until the rear wheels stop rotating when the unit is pushed forward.
3. Release the handbrake and push the unit. If the latter does not roll, screw the **hex nut** counter-clockwise until the unit rolls.
4. Apply the handbrake. Push the unit. If the rear wheels do not rotate, the brake is properly adjusted. Release the handbrake.



CAUTION: If you cannot adjust the brake correctly, replace the brake pads. Appropriate spare parts and support are available in an Authorized Service Centre.

CLUTCH CHECK AND ADJUSTMENT

If the drive belt is released, the clutch slips while (1) climbing, (2) pulling heavy loads or (3) the unit does not move.

Adjust the clutch as follows:



CAUTION: Before performing any check, adjustment or repairing the unit, please disconnect to prevent the engine from accidentally starting.

1. Check the routing of the drive belt. Make sure that the belt is correctly installed and inserted into the guide arms.
2. Remove the **cotter pin, gasket and brake spring** from the **adjustable nut** (Figure 20).
3. Remove the **adjustable nut** from the **brake lever assembly**.
4. Align the **brake lever** cavity with the back of the slot in the **frame**.
5. Push the **clutch rod** backwards. Screw the **adjustable nut** until it fits into the cavity in the **brake lever**.
6. Assemble the **adjustable nut** to the **lever and spring brake**. Tighten with the **gasket and cotter pin**.

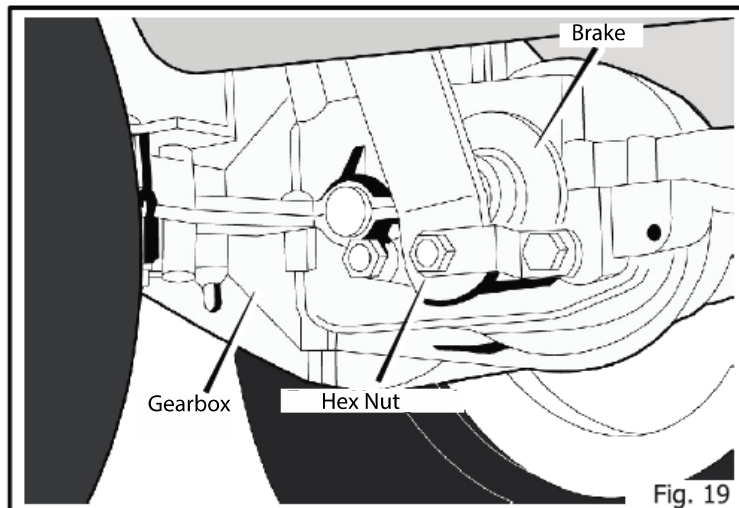


Fig. 19

7. If the belt continues to slip after adjusting the clutch, the drive belt is worn or damaged and should be replaced. See the relevant Instructions.

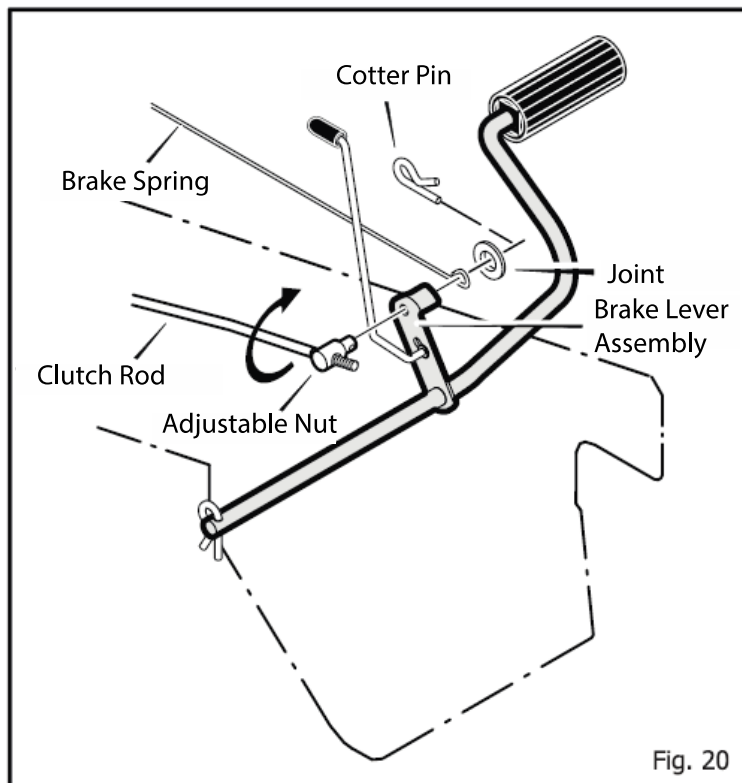


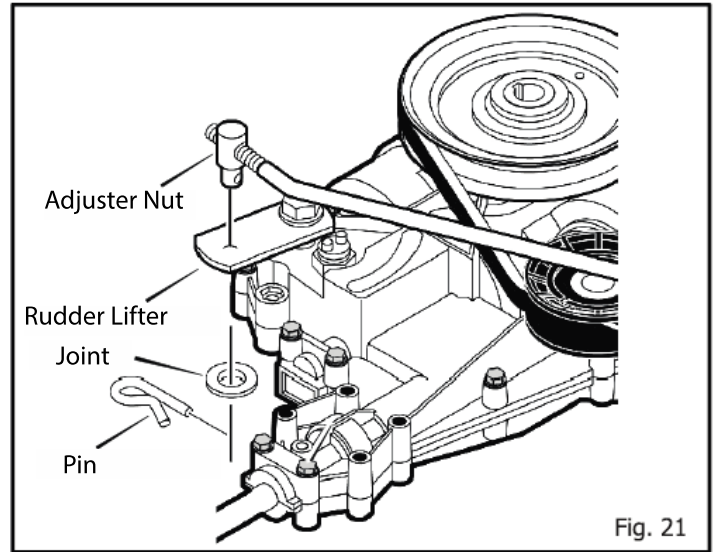
Fig. 20

MAINTENANCE

GEARSHIFT ADJUSTMENT

If the NEUTRAL position of the gearshift does not match that of the gearbox, adjust the gearshift as follows:

1. Stop the engine.
2. Unscrew the **adjusting nut** from the **clutch lever** (Figure 21).
3. Make sure that the gearshift is in NEUTRAL position.
4. Push the device. Make sure that the gearbox is in NEUTRAL position.
5. In order to align the **adjusting nut** with the cavity in the **clutch lever**, screw the **adjusting nut**.
6. Screw the **adjusting nut** to the **clutch lever**.
7. Make sure that the NEUTRAL position of the gearshift corresponds to that of the gearbox.



BATTERY MAINTENANCE

BATTERY REMOVAL

In order to charge or clean the battery, remove it from the unit as follows:

- CAUTION:** to reduce the risk of sparks, disconnect the black cable from the battery from the negative (-) terminal, before disconnecting the red cable.
- CAUTION:** the battery contains sulphuric acid harmful to the skin, eyes and clothing. If acid comes into contact with body or clothing, wash with plenty of water.
1. Disconnect the **black cable** from the negative (-) terminal (Figure 22).
 2. Disconnect the **red cable** from the **positive terminal (+)**.
 3. In order to disconnect the **battery clip** from its **holder**, push the holder towards the lowest end of the clip.
 4. Remove the battery from the right side of the unit.

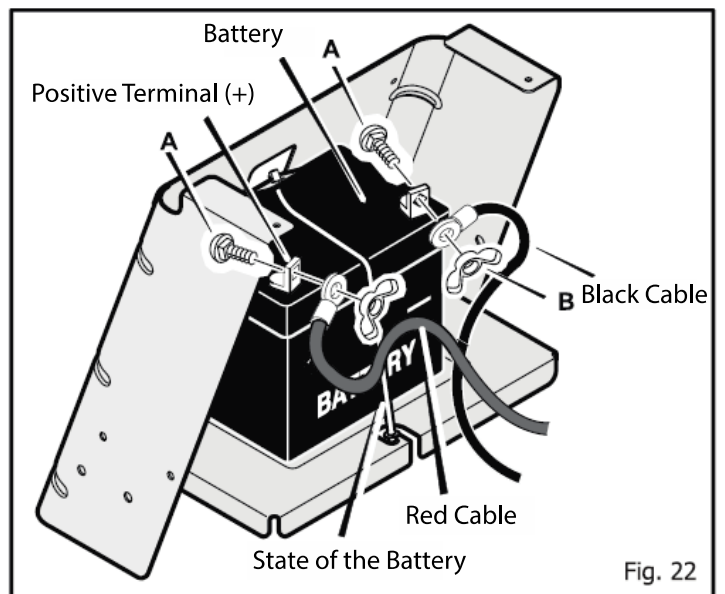
CLEAN THE BATTERY

1. Remove the **battery**.
2. Clean the **battery** with a solution of 3.78 litres of water and four tablets of sodium bicarbonate. Make sure that the solution does not penetrate the battery cells.
3. Clean the **terminals** and the **cable ends** with a wire brush.
4. Reinstall the **battery**.
5. To prevent corrosion, apply grease to the **battery terminals**.

CHARGING THE BATTERY

- CAUTION:** When charging the battery, do not film. Keep the battery away from sparks. Sulfuric acid vapours can cause an explosion.

1. Remove the **battery** before charging.
 2. To charge the **battery** use a 12-volt charger. Charge at a rate of 6 amps per hour.
 3. Reinstall the **battery**.
- CAUTION:** to avoid the risk of sparks, connect the red cable to the positive (+) terminal before connecting the black cable.
4. Connect the red cable to the positive (+) terminal with the clips as follows.
 5. Connect the black cable to the negative (-) terminal with the clips as follows.



MAINTENANCE

LUBRICATION



Apply grease with a brush to the following areas.

Lubricate the following areas with engine oil.

NOTE: Apply grease to the steering assembly.

CAUTION: If the unit is used in dry areas containing sand, use a dry graphite-based spray to lubricate the unit.

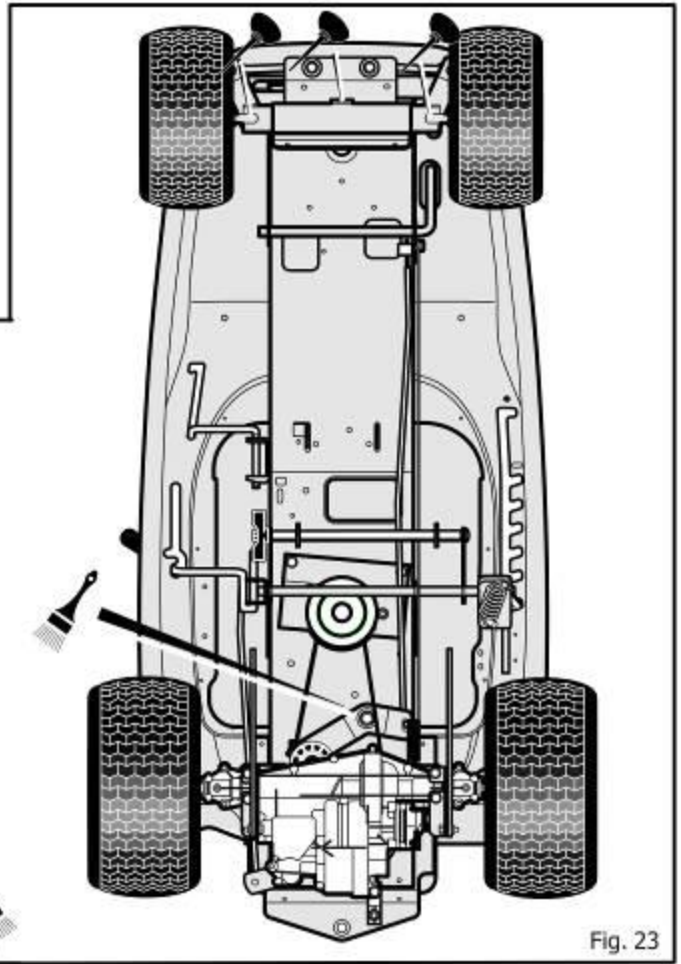
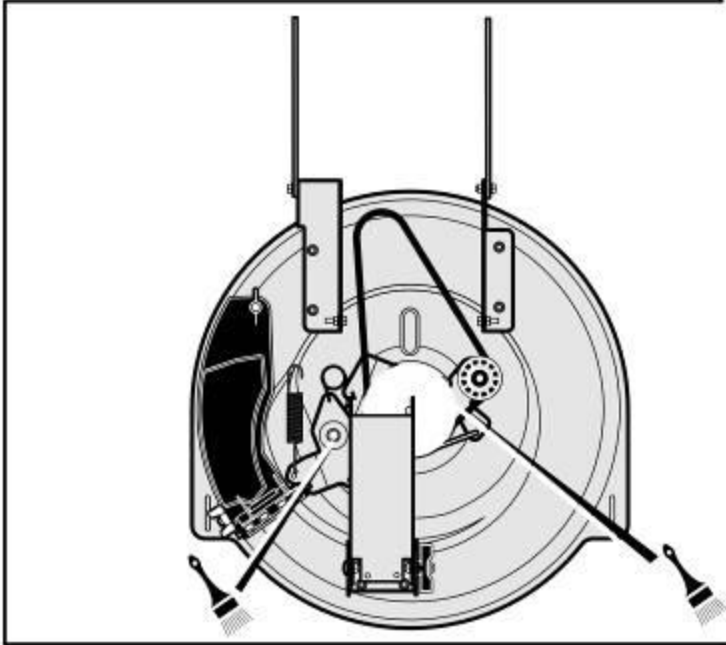


Fig. 23

CHECK OF THE FUEL FILTER

NOTE: before replacing the filter and fuel hose, the tank must be empty.

If the **fuel filter** is dirty, the engine runs chaotically, and its performance is reduced. Remove the old filter (Figure 24), replacing it with a new one. Use an original spare part. Go to the closest Authorized Service Centre.

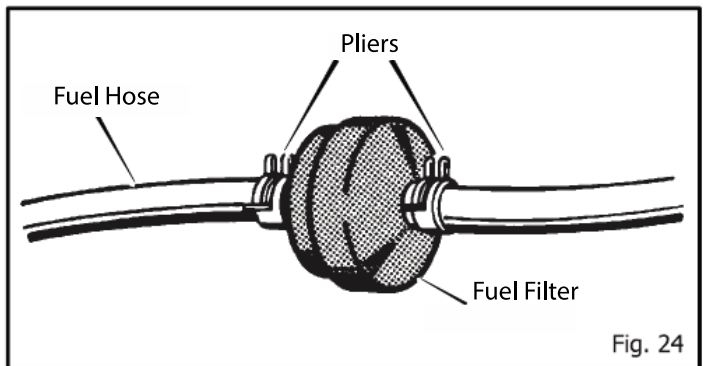


Fig. 24

TIRE CHECK

Check the tire pressure. The unit runs chaotically if the tires are over-inflated. Similarly, incorrect pressure prevents the mower frame from cutting in levelled mode. The appropriate pressure is 14 PSI (1 BAR).

MAINTENANCE

LEVEL THE MOWER FRAME

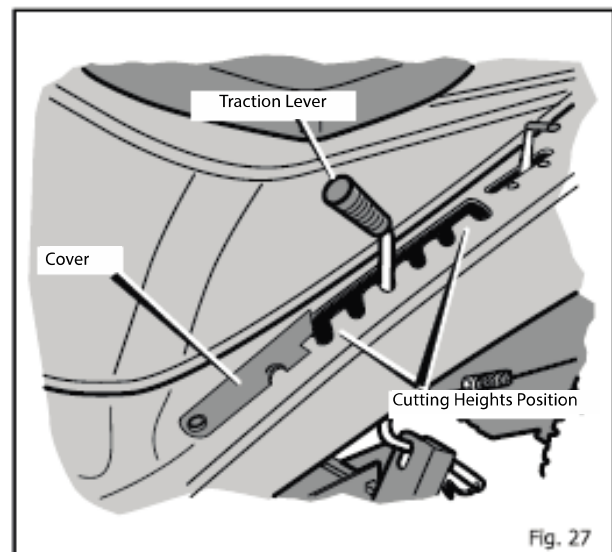
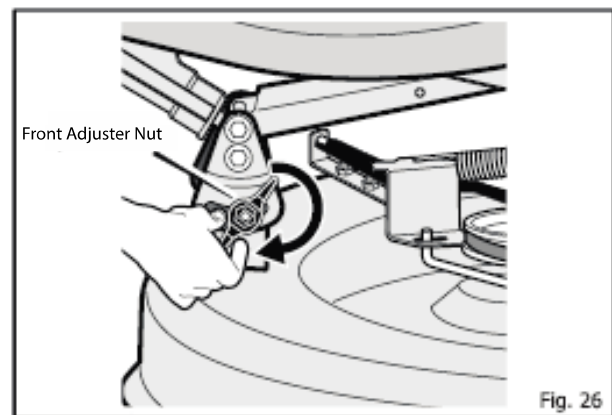
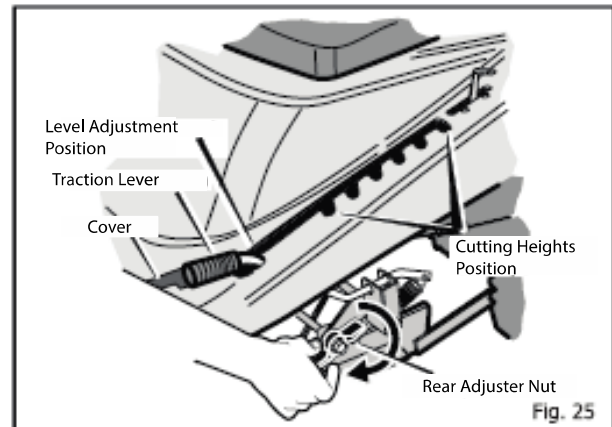
If the mower frame is levelled, the blade cuts smoother and the lawn looks better.



CAUTION: Before performing any check, adjustment or repairing the unit, please disconnect to prevent the engine from accidentally starting.

1. Make sure that the unit is located on a hard and flat surface.
2. Check the tire pressure. If the latter is not adequate, the mower frame does not cut levelled mode. Ensure that the tires are inflated to 14 PSI (1 BAR).
3. Open the **cover** (Figure 25).
4. Move the **traction lever** to the LEVEL ADJUSTMENT position (Figure 25).
5. Unscrew the front and rear **adjusting nuts** (Figures 25 and 26). Ensure that the sides of the mower frame are located on a flat surface. Similarly, ensure that the joints and adjustment plates are released and can be moved up and down and vice versa.
6. Tighten the front and rear adjusting nuts firmly. If needed, use a left turn to do this. Screw the plastic **adjusting nuts** to a torque of 9.5 N-m. Screw the metal **adjusting nuts** to a torque of 13.5 N-m.
7. Move the **traction lever** from the LEVEL ADJUSTMENT position to the CUTTING HEIGHT position (Figure 27).
8. Close the **cover**.
9. Mow for a short distance. If the cutting height is not levelled, repeat the above steps.

CAUTION: do not handle when the mower frame is in the LEVEL ADJUSTMENT position to prevent damaging the frame and blades.



MAINTENANCE

REMOVE THE FRAME FROM THE MOWER

1. Place the **blade rotation control** in CLUTCH LEVER position.
2. Place the **traction lever** in LEVEL ADJUSTMENT position.
NOTE: Make sure the traction lever is locked in the LEVEL ADJUSTMENT position.
3. Remove the pins and gaskets from the **rear suspension arms** (Figure 29). See illustrations C and D.
4. Remove the pins and gaskets from the **suspension joints**. See illustrations A and B.
5. Remove the **spring extension** of the **blade control rod**. See illustration E.
6. Remove the **front suspension handlebars** from the frame. See illustration F.
7. Remove the **mower drive belt** from **fitted pulley**. See illustration G.
8. Pull the right side of the unit out of the mower frame to remove it.
9. To operate without the mower frame, place the traction lever in OVERHEAD position.

INSTALLATION OF THE MOWER FRAME

1. Push the mower frame under the right side of the unit.
2. Place the **mower drive belt** around the **fitted pulley**. Make sure that the V-edge of the belt is positioned against the **pulley**. Also, make sure that the belt is not twisted.
3. Attach the **front hanger** to the frame with the **hanger rod**. Adjust the fasteners as follows. See illustration F.
4. Make sure that the **mower's drive belt** is positioned between the **fitted pulley** and the two guide arms. See illustration G.
5. Attach the **suspension joints** to the **traction assembly**. Adjust with joints and pins See illustrations A and B.
6. Attach the **rear suspension arms** to the suspension hooks. Adjust with joints and pins. See illustrations C and D.
7. Attach the **spring extension** to the **blade control rod**. See illustration E.
8. Place the **blade rotation control** in CLUTCH position. Make sure that the **mower's drive belt** is positioned in the **guide arms** and under the **spacer**.
9. Ensure that the mower frame is levelled. See the relevant Instructions.
10. Check the operation of the **blade rotation control**. See the relevant Instructions.

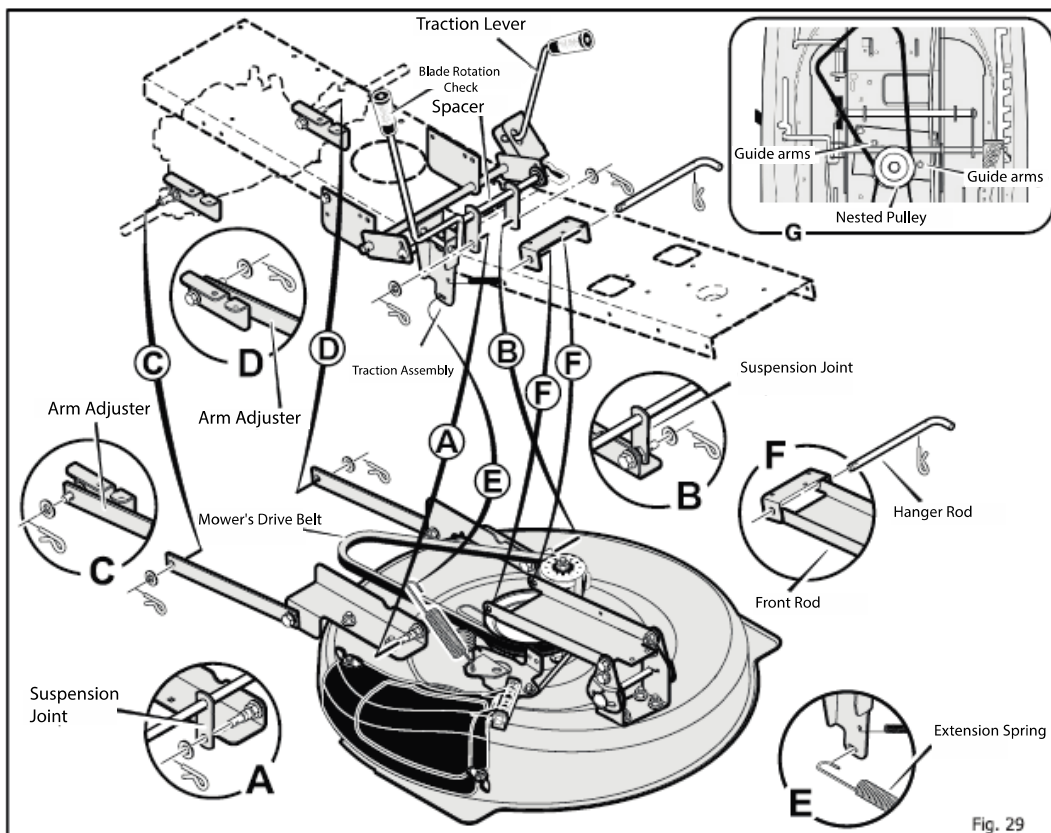


Fig. 29

MAINTENANCE

REPLACING THE MOWER'S DRIVE BELT

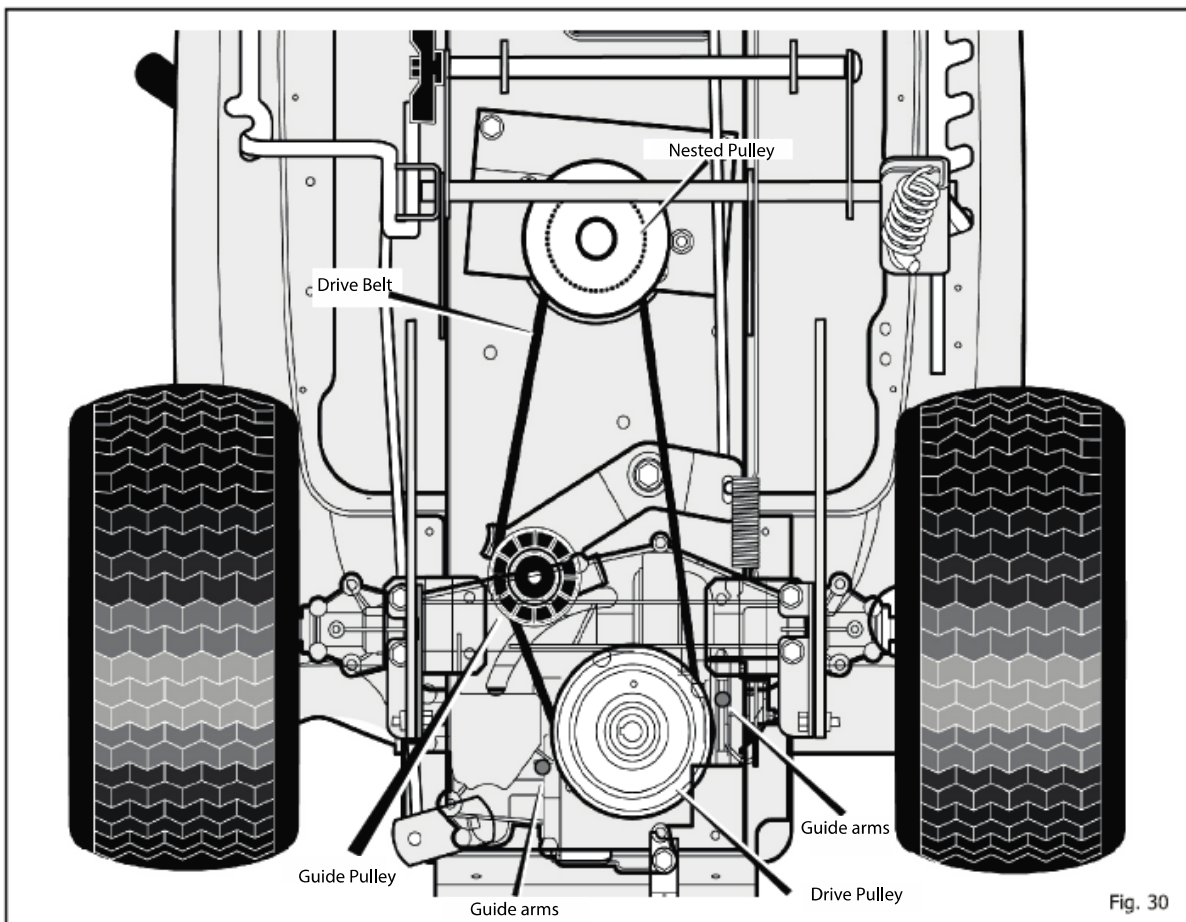
REMOVAL

1. Remove the frame from the mower. See the relevant Instructions.
2. Fully press the pedal and apply the handbrake.
3. Remove the **guide pulley** (Figure 30).
4. Release the **guide arms** located close to the **drive pulley**.
5. Remove the **drive belt** from the **drive pulley**.
6. Remove the **drive belt** from **fitted pulley**. Appropriate spare parts and support are available in an Authorized Service Centre.

INSTALLATION

1. Slide the **drive belt** between the **fitted pulley** and **guide arms** (Figure 30). Install the **drive belt** on top of the **fitted pulley**.

- Make sure that the V-edge of the belt is positioned against the pulley.
2. Install the end of the **drive belt** around the **drive pulley**.
 3. Make sure that the **drive belt** is inside the **guide arms** close to the **drive pulley**. Adjust the **guide arms**.
 4. Place the belt around the **pulley guide**. Assemble the **pulley guide**. Adjust the **pulley guide** using the hex nut. Make sure that the V-edge of the belt is positioned against the **guide pulley**. Also, make sure that the belt is not twisted.
 5. Check the routing of the **drive belt**. Make sure that the **drive belt** is properly fixed on the **pulley guide**. Make sure that the **drive belt** is inside the **guide arms**.
 6. Before using the unit, check the clutch adjustment. See the relevant Instructions.
 7. Install the mower frame. See the relevant Instructions.



MAINTENANCE

REPLACING THE MOWER'S DRIVE BELT

1. Remove the frame from the mower. See the relevant Instructions.
2. Remove the **belt fastener** from the **pulley guide**, then remove the

5. Remove the **belt fastener** from the **pulley guide**. Place the **mower's drive belt** around the **pulley guide**.
6. Make sure that the V-edge of the **mower's drive belt** is positioned

drive belt from the mower (Figure 31).

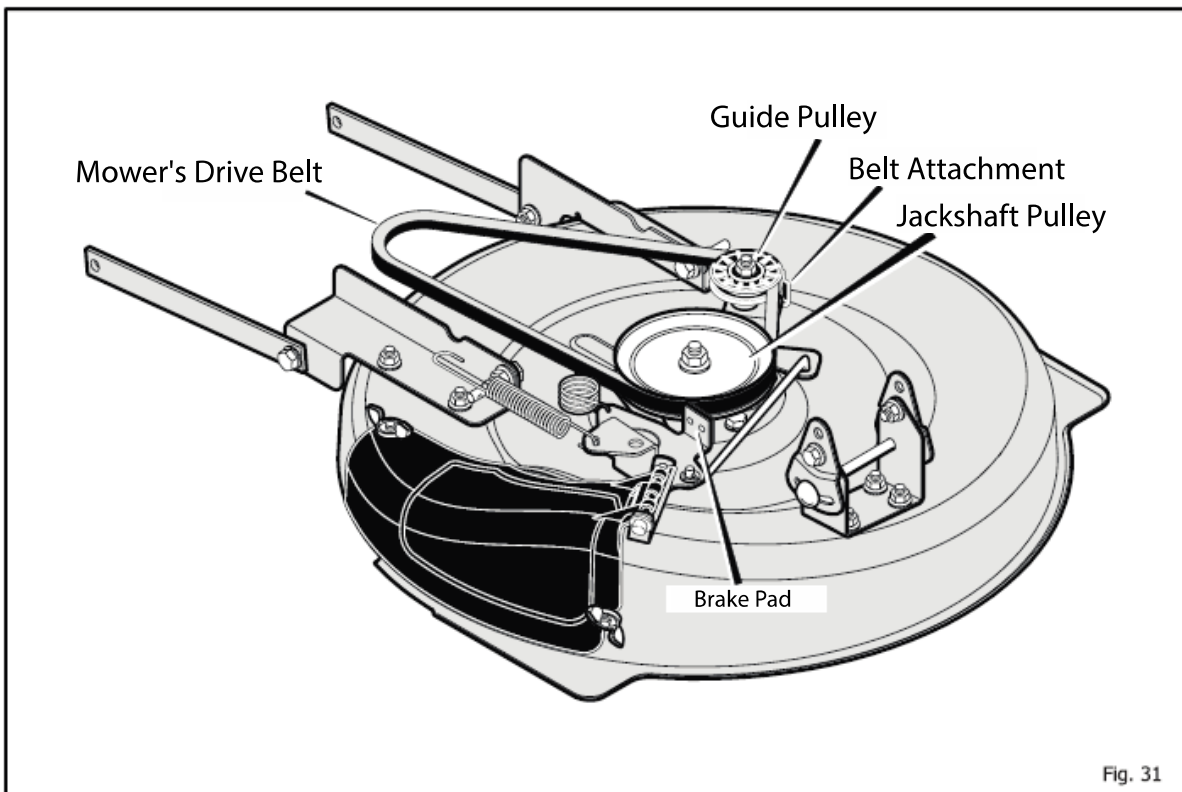
3. Remove the **brake pad** from the **Jackshaft pulley**, then remove the drive belt from the mower.

NOTE: replace the mower's power belt with an original part from an Authorized Service Centre.

4. Install the **new mower belt**. Remove the **brake pad** from the **Jackshaft pulley**. Place the **mower's drive belt** around the **pulley Jackshaft**.

against the **Jackshaft pulley** and the **guide pulley**.

7. Install the mower frame. See the relevant Instructions.
8. Before mowing, adjust the blade rotation control. See the relevant Instructions.



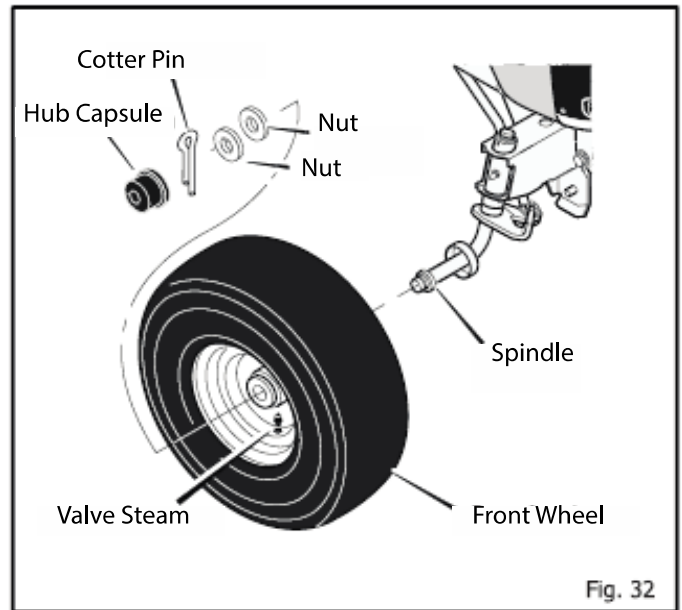
MAINTENANCE

INSTALL THE WHEELS

If the wheels need to be removed for inspection, ensure that they are reinstalled as follows:

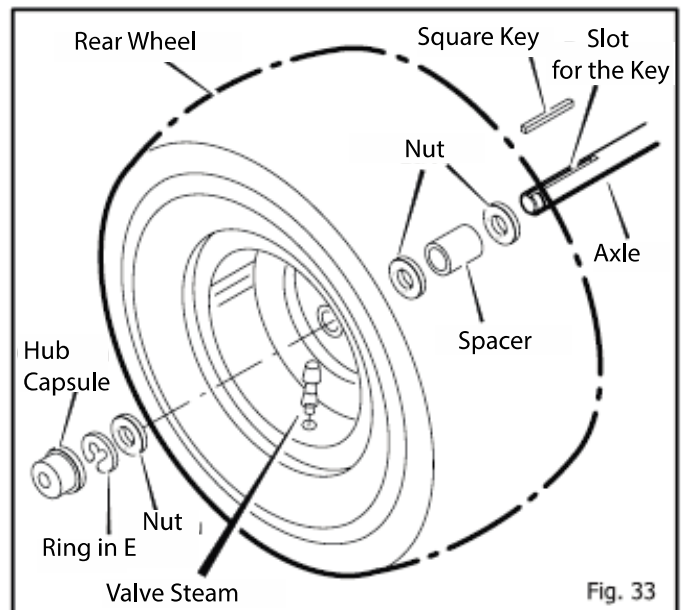
FRONT WHEEL

1. Make sure that the **valve stem** is out of the tractor. Slide the **front wheel** onto the **spindle** (Figure 32).
2. Adjust the **front wheel** with the **joint and cotter pin**. Bend the **pin** ends to hold the front wheel on the **spindle**.
3. If your model has hub caps, attach them. Make sure that the **nut** holds them in place.



REAR WHEEL

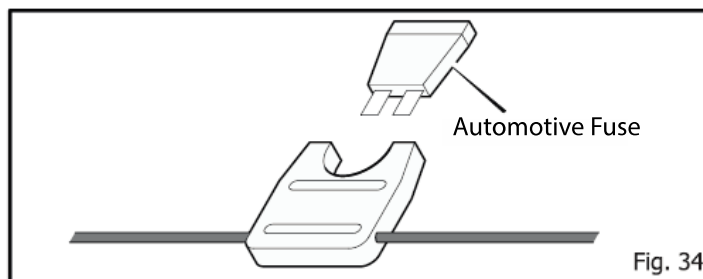
1. Install the **nuts** and **spacer** on the **axle** as shown in Figure 33.
2. Insert the **square key** into the **slot** provided for this purpose (Figure 33).
3. Make sure that the **valve stem** is out of the tractor. Align the **rear wheel slot** with the **square key**. Slide the **rear wheel** onto the **axle**.
4. Secure the rear **wheel** with the **nut** and **E-ring**.
5. If your model has hub caps, attach them. Make sure that **tent** holds them in place.



MAINTENANCE

REPLACE THE FUSE

If the fuse is damaged, the engine does not start. The fuse is placed close to the battery. Remove the fuse and replace it with an automotive fuse (Figure 34).



CLEAN THE MOWER FRAME



CAUTION: Before cleaning the mower frame, stop the engine and disconnect it.

Grass and other debris can prevent the belt from operating normally. For proper and safe handling, clean the top of the mower frame frequently. Remove grass and other debris around the pulleys and other moving parts.

1. Place the blade rotation control in CLUTCH position.
2. Clean the top of the mower frame.
3. Place the blade rotation control in CLUTCH LEVER position.
4. Clean the top of the mower frame again.
5. After mowing, clean the bottom of the mower frame.

STORAGE FOR MORE THAN 30 DAYS

At the end of each year, prepare the unit to be stored as follows.

ENGINE

See the manufacturer's instructions on this subject.

BATTERY

1. Remove the battery.
2. Clean the battery terminals to remove any deposits.
3. Charge the battery. See the relevant Instructions.
4. Store the battery in a cool, dry place.

NOTE: after a long period of storage, charge the battery.

FUEL SYSTEM



CAUTION: Never empty fuel close to a building or fire. Do not smoke with fuel in the vicinity, as fuel vapours may cause an explosion.

1. Start the engine.
2. Run the engine and carburettor until the fuel runs out and the engine stops.
3. Be sure to use fresh fuel after the storage period.

CLEAN THE UNIT

1. Remove dirt and grass.
2. Clean the mower frame.

LUBRICATE THE UNIT

See the relevant Instructions.

The machine should be cleaned and maintained before storage.

DIAGNOSTIC TABLE

PROBLEM: the engine does not start

1. Repeat the "Engine starting" steps described in this Manual.
2. Electric Start-up Models: Clean the battery terminals. Tighten the cables.
3. Empty the fuel tank. Clean the fuel hose. Replace the fuel filter.
4. Unplug. Place the accelerator on SLOW position. Turn on the ignition. Try to start the engine several times. Plug in.
5. Replace the spark plug.
6. Adjust the carburettor.

PROBLEM: the engine is not running

1. Repeat the "Engine starting" steps described in this Manual.
2. Electric Start-up Models: Check the battery acid level. Add water if needed. Charge the battery.
3. Replace the fuse.
4. Check that the electrical circuit is not damaged or improperly connected. Replace the damaged wire.
5. Electric Start-up Models: replace the coil. Models with Reverse Start-up: replace the module.

PROBLEM: the engine has difficulty starting up

1. Adjust the carburettor.
2. Replace the spark plug.
3. Replace the fuel filter.

PROBLEM: the engine does not run smoothly or suffers a loss of power

1. Check the oil.
2. Clean the air filter.
3. Clean the grid.
4. Replace the spark plug.
5. The engine is running too hard. Shift to a lower gear.
6. Adjust the carburettor.
7. Replace the fuel filter.

PROBLEM: the engine does not run regularly at full capacity

1. Replace the spark plug.
2. Adjust the accelerator control.
3. Clean the air filter.
4. Replace the fuel filter.

PROBLEM: the engine stops when the blades are engaged

1. In order to activate the seat sensor, always sit in the middle of the seat.
2. Check that the electrical circuit is not damaged or improperly connected. Replace the damaged wire.

PROBLEM: the engine stops on the slopes

1. Mow in a top-down movement. Never mow down the slope.
2. In order to activate the seat sensor, always sit in the middle of the seat.

PROBLEM: the engine does not slow down

1. Replace the spark plug.
2. Clean the air filter.
3. Adjust the carburettor.
4. Adjust the accelerator control.
5. Empty the fuel tank. Clean the fuel hose. Replace the fuel filter.

PROBLEM: power loss due to a too hot engine

1. Clean the grid.
2. Check the oil.
3. Adjust the carburettor.
4. Replace the fuel filter.

PROBLEM: excessive vibration

1. Replacing the blade.
2. Check that the engine locks are not released.
3. Reduce tire pressure.
4. Adjust the carburettor.
5. Check that the belt or pulley are not damaged. Replace damaged parts.

PROBLEM: grass is not properly discharged

1. Stop the engine. Clean the mower frame.
2. Raise the cutting height.
3. Replace or sharpen the blade(s).
4. Change to a slower speed.
5. Place the accelerator control to the FAST position.
6. Replace the blade tensioner spring.

PROBLEM: the mower frame does not cut in levelled mode

1. Check the tire pressure
2. Adjust the level of the mower frame.
3. Check the front axle. If the latter does not rotate correctly, release the corresponding nuts.

PROBLEM: the blades do not rotate

1. Check the mower's drive belt. Make sure it is properly installed.
2. Replace the mower's power belt.

PROBLEM: the unit does not move while it is engaged

1. Check the drive belt. Make sure it is properly installed.
2. Adjust the clutch.
3. Replace the drive belt.

PROBLEM: the unit moves more slowly or stops while engaged

1. Adjust the clutch.
2. Replace the drive belt.

PROBLEM: when the clutch/brake pedal is released, the belt chafes

1. Temporary friction does not affect the unit's operation. If the friction is continuous, check the belt routing. Make sure that the belt is inserted into the guide arms.
2. If the friction is continuous, adjust the clutch.

PROBLEM: rear wheels slip on non-regular terrain

1. Check the front axle. If the front axle does not rotate correctly, release the corresponding nuts.

PROBLEM: the transmission responds with difficulty when changing gears while the engine is running, and the clutch is released

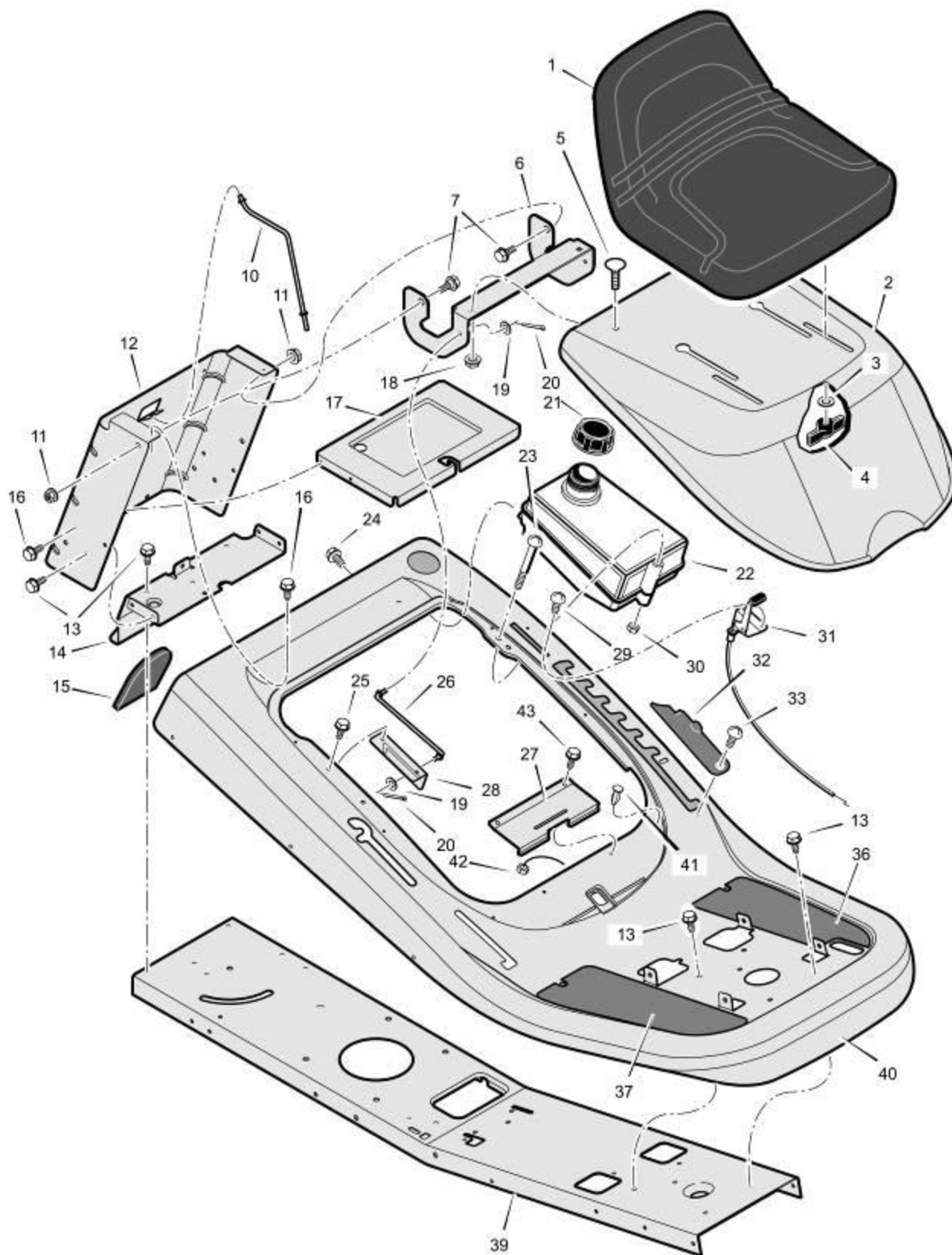
1. Check the clutch adjustment to ensure that the belt stops when the clutch is released, and the transmission is in the NEUTRAL (N) position.
2. Check the guide arms around the drive pulley of the transmission. Make sure that the guide arms do not come into contact with the pulley.

ORDERING SPARE PARTS

Only use spare parts from the factory. Spare parts, except engine or transmission, are available from the supplier where the unit was purchased, a store recommended by the latter, or an approved store whose address can be found in the Yellow Pages. If you cannot obtain a spare part or benefit from a service as described above, call or write to the Main Spare Parts Distributor listed

below. When ordering, provide the following information: (1) complete model number (see nameplate), (2) manufacturing date, (3) complete number of the part to be changed, (4) description, (6) amount. Spare parts for the engine and transmission are available at a Service Centre Authorised by the manufacturer, whose address can be found in the Yellow Pages. See the relevant guarantees.

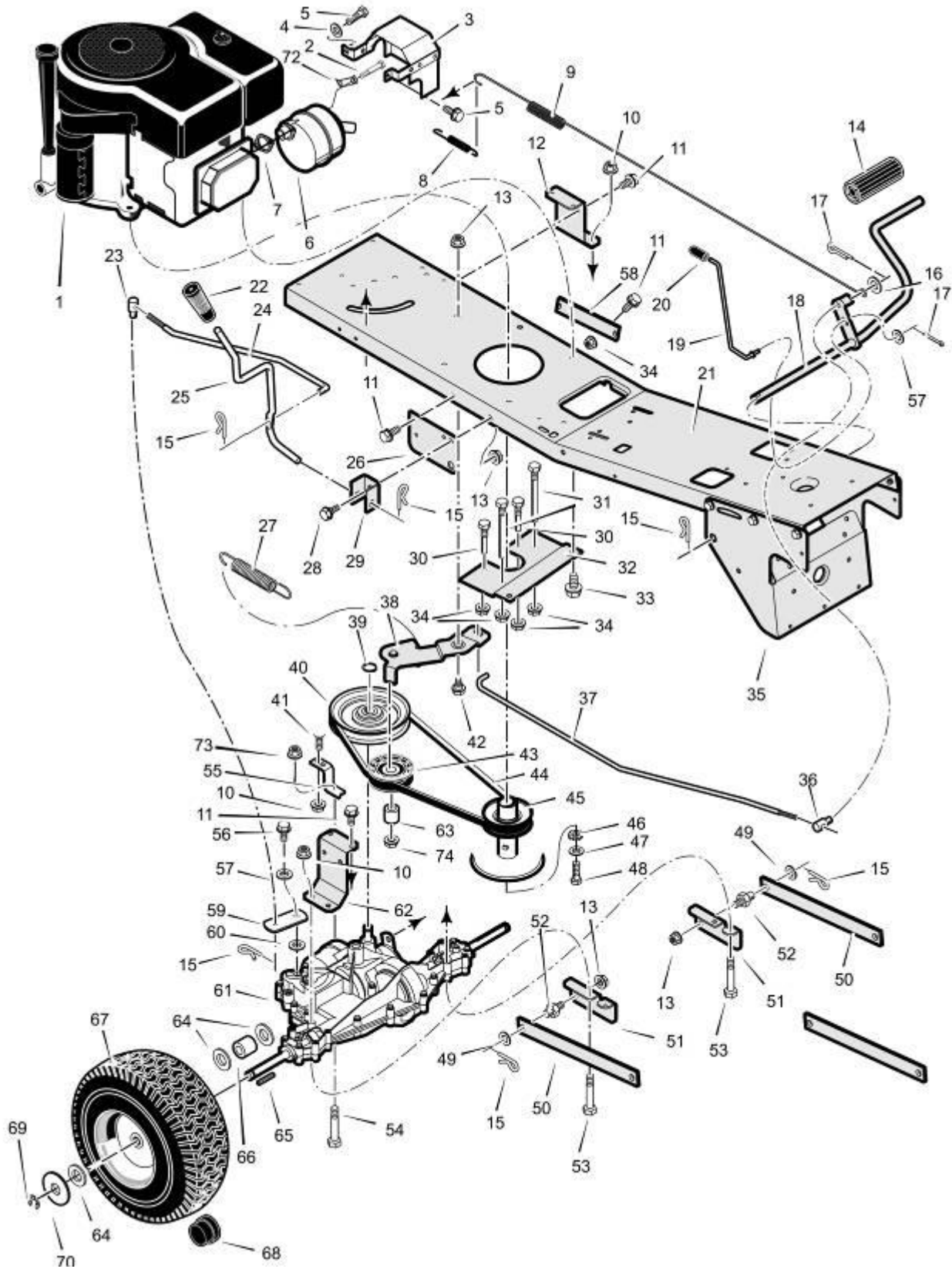
SPARE PARTS FRAME AND COVER



SPARE PARTS FRAME AND COVER

Key N°	Description	Part N°	Key N°	Description	Part N°
1	Seat	690566	23	Screw	6x111
2	Cover	1401027e700	24	Screw	26x253
3	Joint	17x47	25	Screw	26x263
4	Headset nut	1001054	26	Rod, Forestay Cover	1401110
5	Nut, Cart	2x53	27	Spring, Seat Base	1401282
6	Hook, Hinge	1401036e701	28	Hook, Forestay Rod	1401056e701
7	Nut, Side	9x29	29	Screw	26x201
10	Rod, Battery	1401113	30	Nut, NY Lock	15x116
11	Nut, Flange	15x84	31	Control, Accelerator	1401248
12	Plate, Rear	1401025e701	32	Cover, Ratchet (black)	1401084
13	Screw	26x249	33	Nut, Side	9x47
14	Plate, Telescoping	1401050e701	36	Mat, Left (black)	1401229
15	Covered	1401086	37	Mat, Right (black)	1401228
16	Screw	26x263	39	Frame	1401026e700
17	Support, Battery	1401076e701	40	Base, Seat	1401026e700
18	Nut, Flange	15x79	41	Bumper	94744
19	Joint	17x37	42	Nut	15x116
20	Cotter Pin	30x20	43	Screw	25x2
21	Fuel Tank Cover	92317	--	Instruction manual	F-030603C
22	Fuel tank	1401240			

SPARE PARTS ENGINE SYSTEM



SPARE PARTS ENGINE SYSTEM

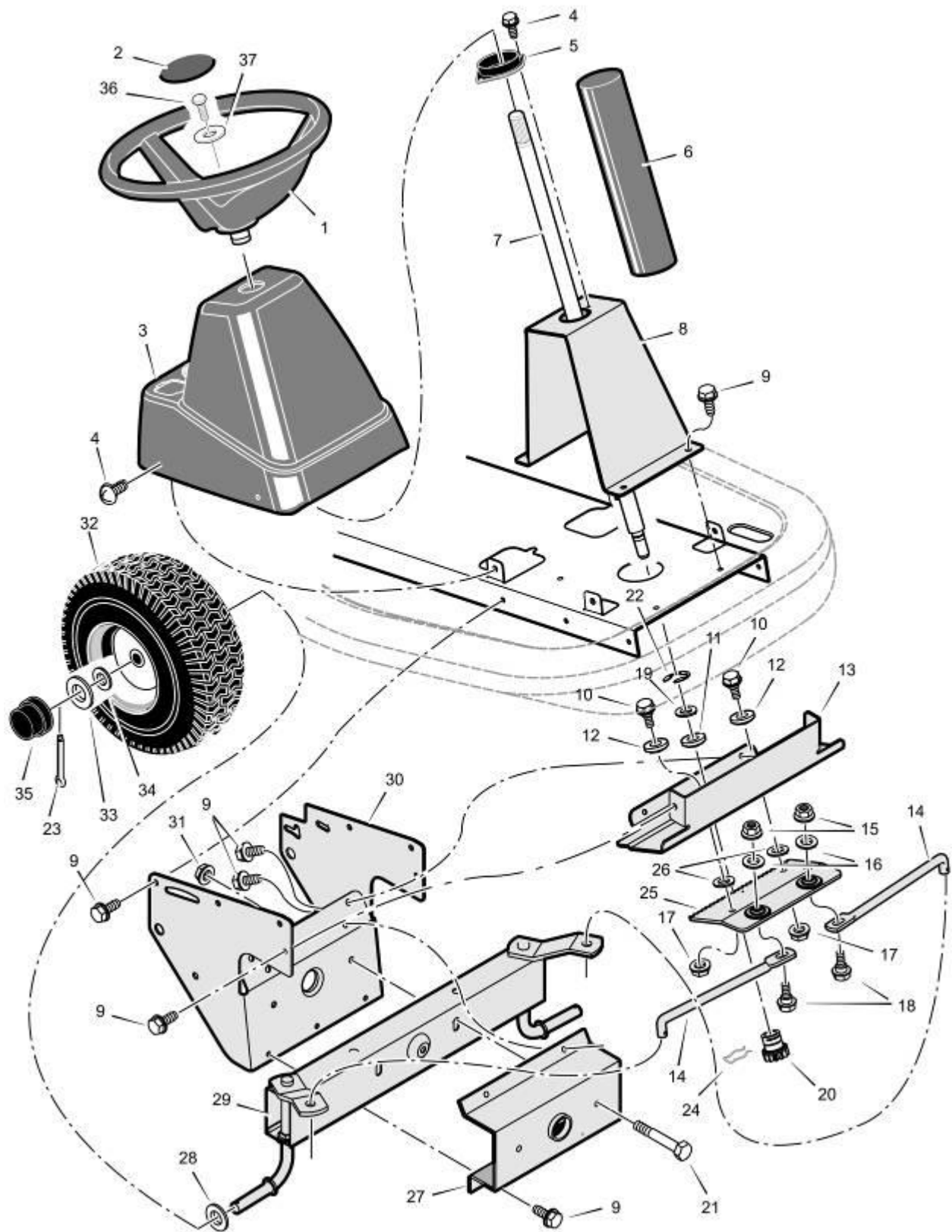
Key N°	Description	Part N°	Key N°	Description	Part N°
1	Engine*		38	Clutch Arm Assembly	1401128
2	Hex Nut	1x134	39	Ring, Fastener	11x7
3	Protection Assembly, Heating	1401207	40	Drive Belt	1401077
4	Lock washer	18x32	41	Nut, Cart	2x53
5	Screw	25x2	42	Nut, Side	9x73
6	Silent	1401251	43	Guide Pulley	690410
7	Joint, Silencer	91309	44	Drive Belt	37x110
8	Spring, Extension	165x75	45	Pulley, Split Encasing	1401066
9	Spring, Extension	165x148	46	Star seal	19x35
10	Nut	15x88	47	Joint	17x170
11	Screw	26x249	48	Hex Nut	1x140
12	Bracket, Left-Transmission	1401042	49	Joint	17x102
13	Nut, Flange	15x84	50	Arm, Rear	1401031e701
14	Cover, Pedal	21544	51	Bracket, Rear Hanger Clamp, Bottom-Side	1401039
15	Cotter Pin	31x4	52	Threaded	94067
16	Joint	17x53	53	Hex Nut	1x155
17	Cotter Pin	30x20	54	Nut	1x120
18	Pedals Assembly	1401127e701	55	Bracket, Torque Reactor	1401051e701
19	Rod, Handbrake	140112	56	Screw	6x105
20	Clamp, Handbrake Rod	91079			
21	Frame	1401256e701	57	Nut, Gearshift Swing Bar	17x38
22	Clamp, Gear change	92697	58	Holder, Frame	1401260e701
23	Nut, Adjustment	1401148	59	Swing Bar, Gear change	1401093
24	Hose, Gear Change	1401122	60	Joint	17x148
25	Lever, Gearshift	1401111	61	Transmission, Unrivalled*	
26	Bracket, Tractor Pivot	1401032	62	Bracket, Transmission	1401268
27	Spring, Extension	165x147	63	Spacer	690369
28	Nut, Side	9x73	64	Joint	17x160
29	Bracket, Pivot	1401043	65	Key, Square	56534
30	Guide, Short Belt	1401104	66	Spacer, Rear Wheel	1401103
31	Guide, Long Belt	1401105	67	Wheel, Rear - 15"	1401290
32	Tray, Guide Arms	1401057	68	Capsule, Hub	94618
33	Nut	25x7	69	E-Ring	11x3
34	Nut, Flange	15x79	70	Joint	17x195
35	Bracket, Support	1401059	72	Lock, Screw	92378
36	Nut, Adjustment	94815	73	Nut	15x43
37	Rod, Clutch	1401078	74	Nut	15x98

*When ordering a tire, be sure to give the name of your brand so that the tread patterns match.

**For more information on Spare Parts, go to the closest Central Spare Parts Distributor.

SPARE PARTS

RUDDER

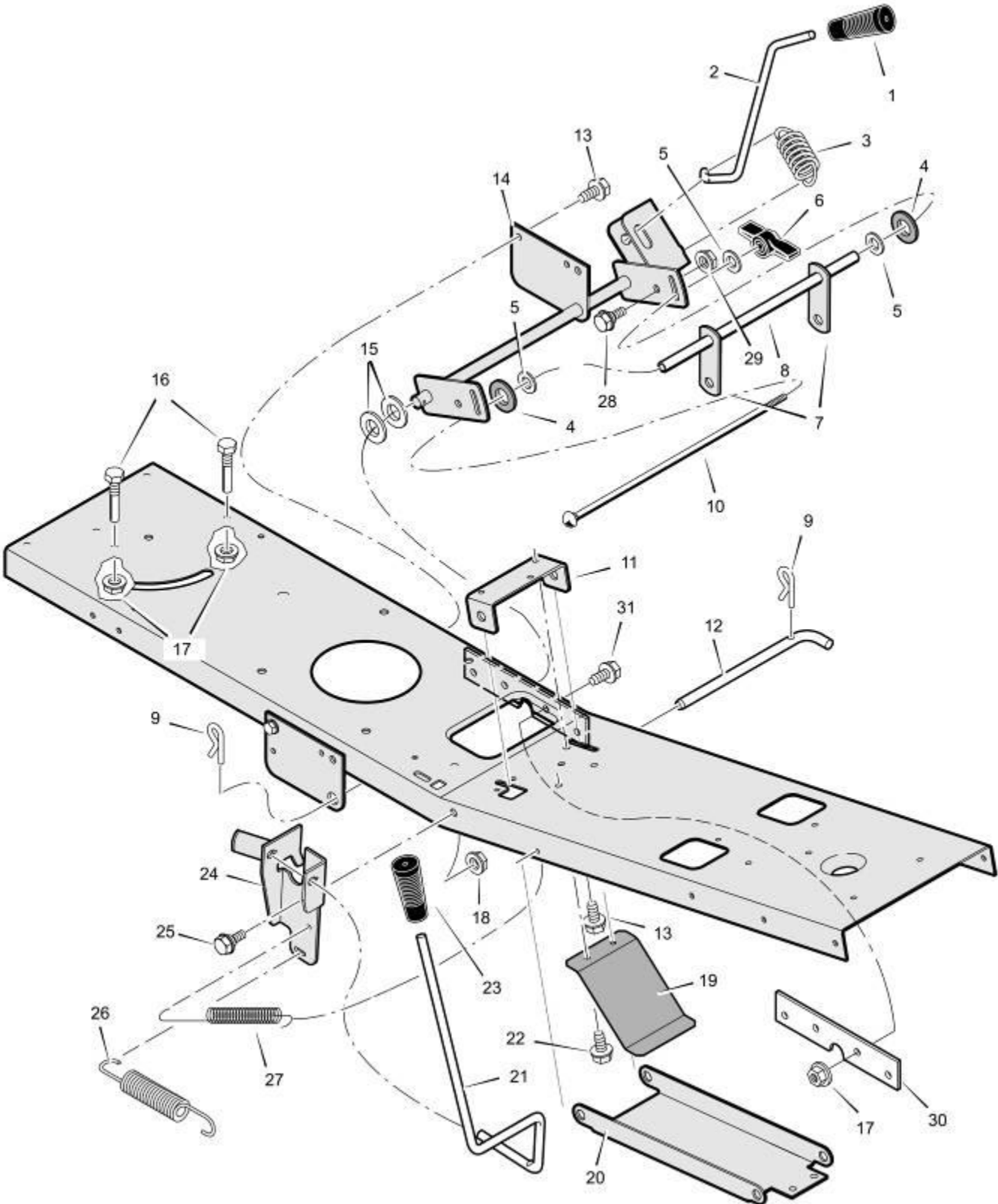


SPARE PARTS RUDDER

Key N°	Description	Part N°	Key N°	Description	Part N°
1	Direction (Black)	95185	19	Joint	17x118
2	Insert, Rudder	711326	20	Gear Selector Pinion	1401099
3	Console, Lower (Black)	1401045	21	Hex Lock	1x146
--	Console, Lower (Grey)	1401045	22	Fastener, E-Ring	11x28
4	Screw	26x270	23	Cotter Pin	30x35
5	Trunnion, Upper Rudder	1401090	24	Spring, Fastener	094131
6	Tube, Rudder (Black)	1401226	24	Spring, Fastener	094131
--	Tube, Rudder (Grey)	1401227	25	Pulley, Rudder	1401046
7	Rudder Rod	1401100	26	Joint	17x201
8	Support, Rudder	1401055e701	27	Bracket, Front Axle	1401060
9	Screw	26x249	28	Joint	17x157
10	Lock, Side	9x67	29	Tapered Axle Assembly	1401250
11	Trunnion, Lower Rudder	1401098	30	Bracket, Support	1401059
12	Roll	1401102	31	Nut, Flange	15x118
13	Tray, Mounting Gear Selector Switch	1401058	32	Wheel, Front	1401289
14	Hose, Extraction	1401123	33	Joint	17x197
15	Nut, Flange	15x84	34	Joint	17x157
16	Joint	17x104	35	Capsule, Hub	94618
17	Nut, Flange	15x88	36	Lock	25x3
18	Hex Lock	1x111	37	Joint	17x146

* When ordering a tire, be sure to give the name of your brand so that the tread patterns match.

SPARE PARTS MOWER FRAME SUSPENSION



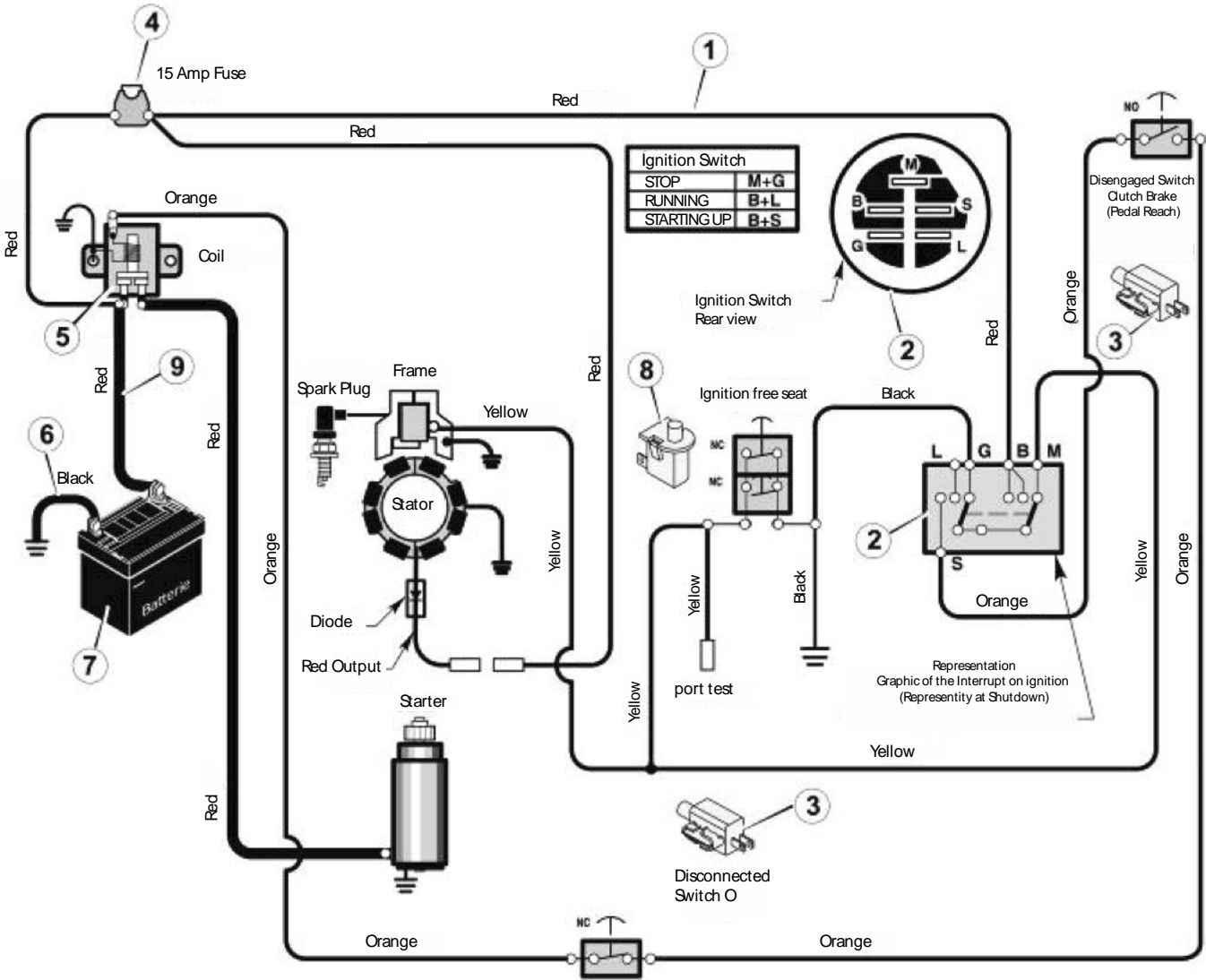
SPARE PARTS MOWER FRAME SUSPENSION

Key N°	Description	Part N°	Key N°	Description	Part N°
1	Clamp, Traction Lever	92697	17	Nut, Flange	15x79
2	Traction Lever	1401117	18	Nut, Flange	15x84
3	Spring, Extension	165x154	19	Spring, Serrated	1401147
4	Plate, Friction	94137	20	Hanger, Front	1401040
5	Joint	17x45	21	Lever, PTO	1401116
6	Headset nut	95004	22	Screw	26x263
7	Pipe, Traction	1401033e701	23	Pliers, PTO	94198
8	Tube, Spacer	1401096	24	Hook, PTO	1401199e701
9	Pin	31x4	25	Lock, Side	9x42
10	Bolt, Carriage	2x93	26	Spring, Extension	165x157
11	Hook, Front Hanger Swivel	1401030e701	27	Spring, Extension	165x92
12	Clamp, Front Hanger	1401118	28	Lock, Side	9x58
13	Screw	26x249	29	Nut	15x84
14	Assembly Arm, Tractor	1401262e701	30	Tray, Reinforcement	1401260
15	Joint	17x206	31	Screw	26x267
16	Screw, Guide	93349			

SPARE PARTS MOWER FRAME

Key N°	Description	Part N°	Key N°	Description	Part N°
1	Belt, Power Blade	37x111	32	Lock, Side	9x73
2	Pulley, Input	1401092	34	Cotter Pin	30x20
3	Lock nut	15x121	35	Assembly Arm, Brake	1401185
4	Nut, Flange	15x98	36	Pipe, Arm Tensioner	1401119
5	Guide Pulley	1401252	37	Lock	25x7
6	Nut, Flange	15x84	38	Bracket, Mounting Brake	1401052
7	Arm, Rear	1401031	39	Spacer, Jackshaft	1401094
8	Nut, Flange	15x79	40	Tray, Mounting Tensioner	1401259Z
9	Lock, Side	9x58	42	Joint	19x45
10	Pipe, Traction	1401033	43	Bolt, Carriage	2x94
11	Joint	17x102	45	Bolt, Carriage	2x53
12	Pin	31x4	47	Housing, Blade	1401028
13	Clamp, Bottom-Side Threaded	94067	48	Hinge, Covered Mulching	1401106
14	Hook, Rear Left	1401047	49	Nut, Flange	15x88
15	Hook, Rear Right	1401235	50	Nut, Speed	28x76
16	Tray, Adjustment	1401038	51	Headset nut	14x86
17	Plate, Friction	94137	52	Bolt, Carriage	2x74
18	Joint	17x45	53	Rod, Garbage Chute Baffle	91767
19	Headset nut	95004	54	Plug, Push	28x23
20	Spring, Left Twist	166x43	55	Cover, Mulching (Black)	1401080
21	Spring, Right Torsion	166x42		Cover, Mulching (Grey)	1401217
22	Tube, Spacer	1401095	56	Chuck Housing	1401275
23	Hook, Base	1401037	57	Adapter, Blade	1001035
24	Hanger, Front	1401040e701	58	Blade	1401079
26	Rod, Coupled	1401065	59	Gasket, Suction Cup	17x166
27	Assembly Arm, Tensioner	1401258e701	60	Joint	17x165
28	Lock, Side	9x73	61	Nut, Mounting Blade	15x100
29	Joint	17x47	62	Chicane, Garbage Chute (Black)	1401081
30	Spring, Extension	165x157	--	Chicane, Garbage Chute (Grey)	1401218
31	Spring, Torsion	166x46	63	Joint	17x120

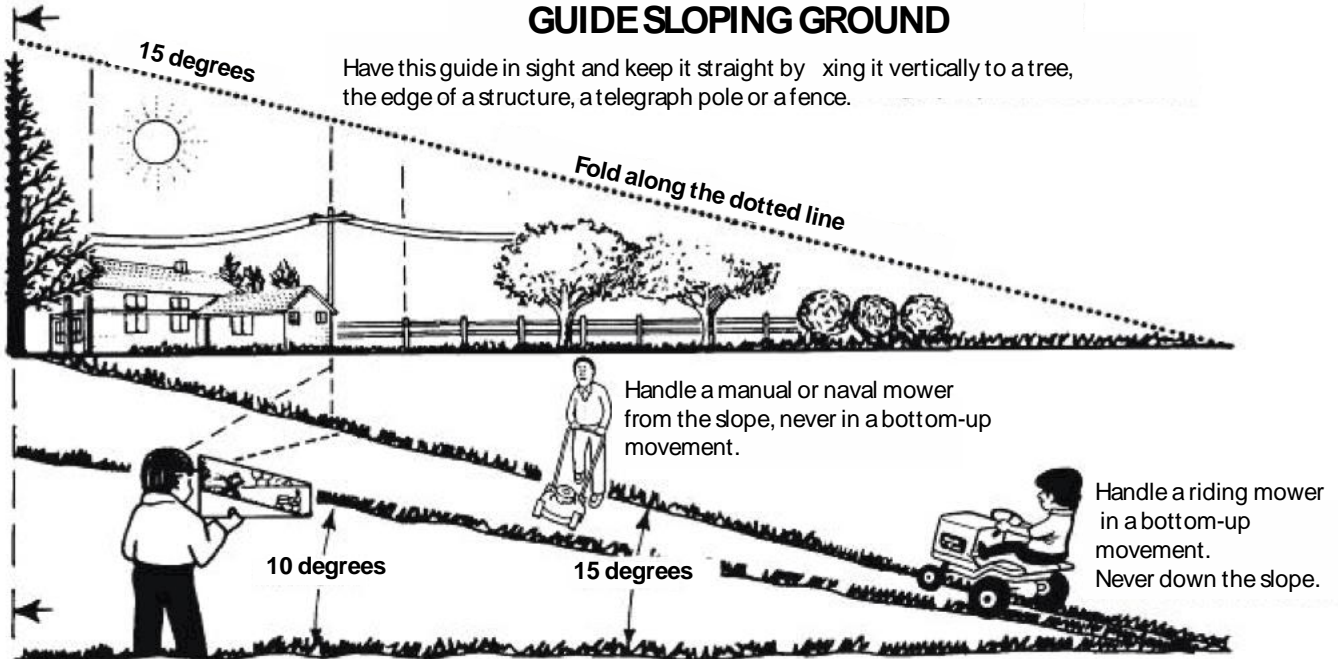
SPARE PARTS ELECTRICAL SYSTEM



SPARE PARTS ELECTRICAL SYSTEM

Key N°	Description	Part N°
1	Harness, Wiring Frame	250x115
2	Switch, Ignition	1401149
	Key, Contact	327349
	Hex Nut	
	Plug, Ignition	
3	Switch, Limit	1001575
4	Fuse	54212
	Fastener, Fuse	407078
5	Coil	94613
	Screw, Mounting	26x229
	Lock nut	15x116
6	Cable, Battery Holder	24x37
	Screw, Earth Cable	
7	Battery	92739
	Bolt, Carriage	2x82
	Headset nut	14x79
8	Switch, Seat Sensor	94159
9	Cable, Red Battery	24x24
	Starter, Positive Terminal	690604

GUIDE SLOPING GROUND



If using a riding mower, determine if the slope can be safely mowed: (1) disengage the blade(s), (2) reverse, and (3) descend the slope. If the slope can be descended without any problems, it can be mowed safely. However, if you do not feel safe or secure, use this Guide and do not mow a slope having more than 15 degrees of inclination. If the riding mower is used with a towed attachment, do not mow a slope having more than 10 degrees of inclination.

A 15-degree slope consists in a hill with a height increases from about 0.70 to 3.04 metres.

A slope of 10 degrees is a hill having a height increases from about 0.40 to 3.04 meters.



Be very careful at all times and avoid changing direction or manoeuvring abruptly. Follow the other instructions in this Manual to mow slopes safely. Handle a riding mower in a top-down movement, never down the slope. Handle a manual mower down the slope, never in a top-down movement. Be particularly careful when working close to slopes or obstacles.

Cut along the dotted line to use the Guide for Sloping Ground.

Technical specifications

Model	FRT7550M
Nominal power	1.6kW
Maximum operating speed of the engine	3600 min ⁻¹
Cutting size	760mm
Capacity	432 cm ³
Weight	174kg
Blade type	1401079
Volume of the grass box	170 L
Sound pressure level LpA	78.7dB(A), K=3 dB(A)
Sound power level LwA	100.2 dB(A), K=1.94 dB(A)
Guaranteed sound power level	100 dB(A)
Vibration	
Max arm measuring	4.74m/s ² , K=1.5 m/s ²
Max whole body measuring	0.64 m/s ² , K=1.5 m/s ²

DISPOSAL



Selective collection of electrical and electronic equipment waste.

Electrical products should not be disposed of with household products. According to the European Directive 2012/19/UE for electrical and electronic equipment waste and its implementation in national law, used electrical products should be collected separately and disposed of at collection points provided for this purpose. Consult with your local authorities or your dealer for advice on recycling.

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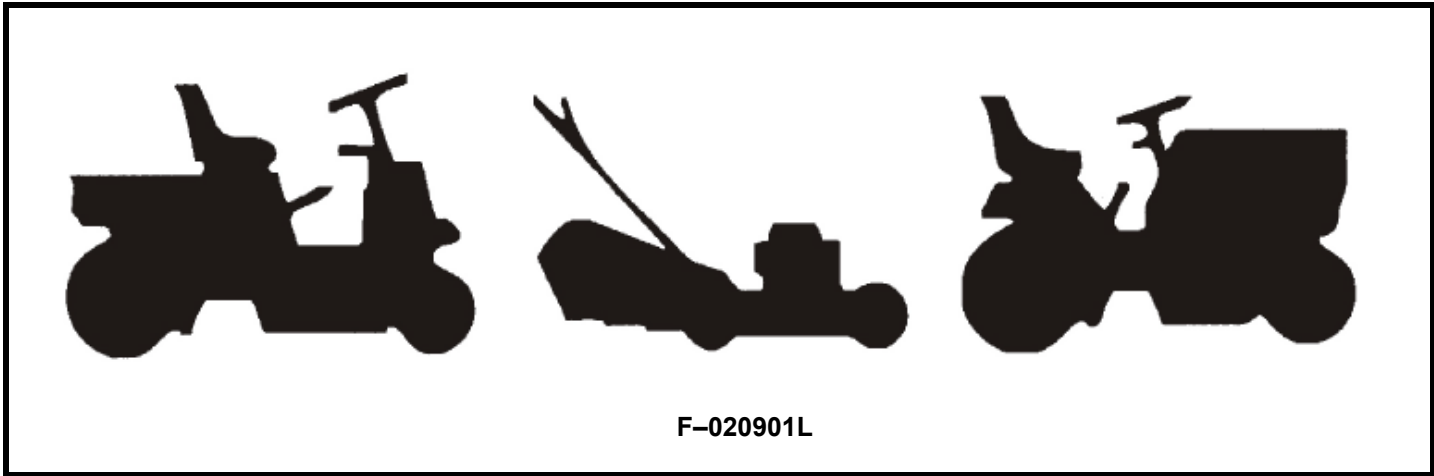
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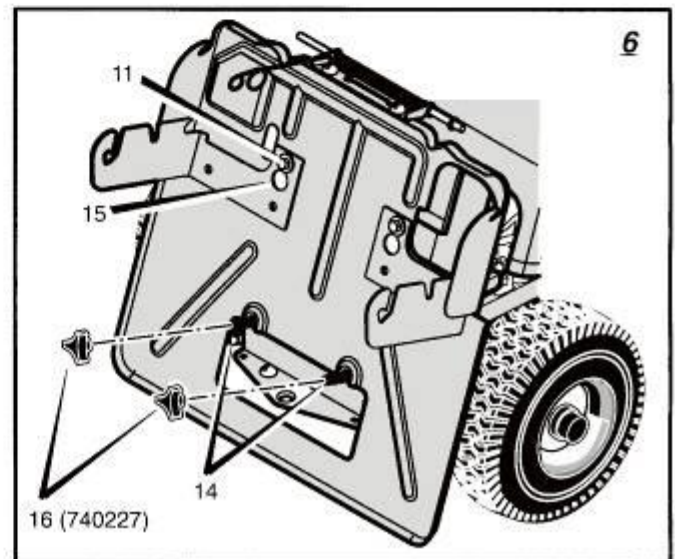
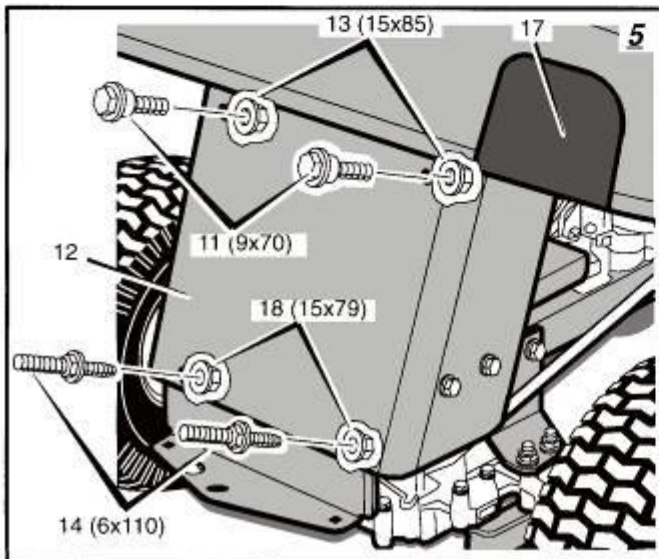
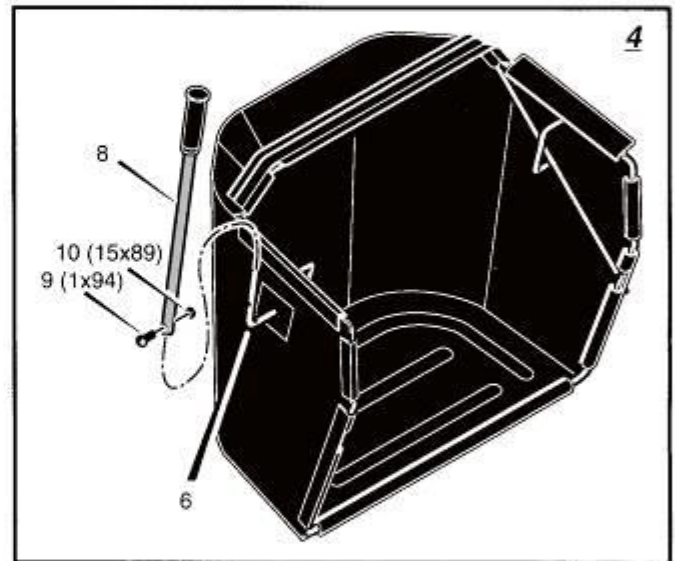
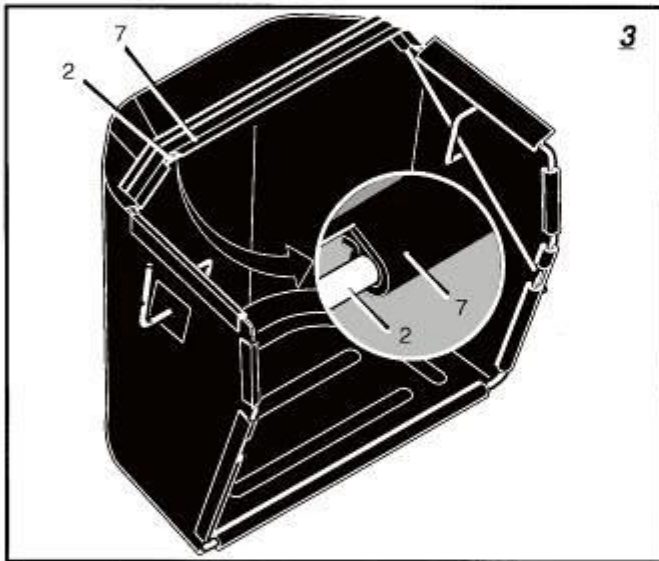
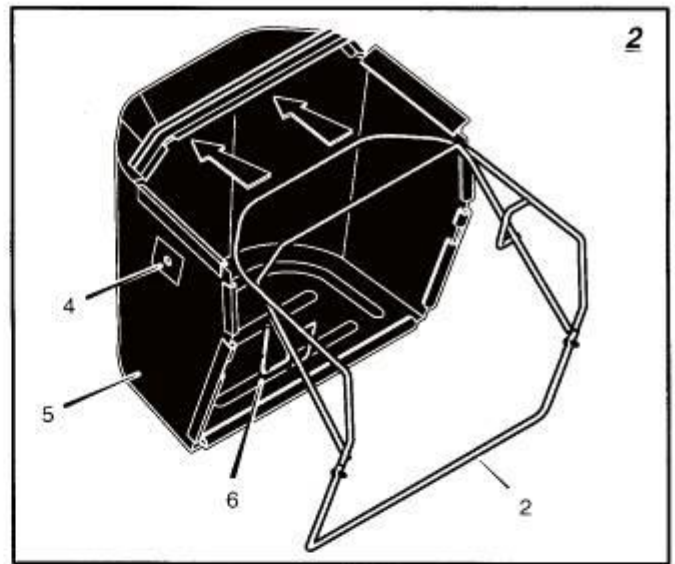
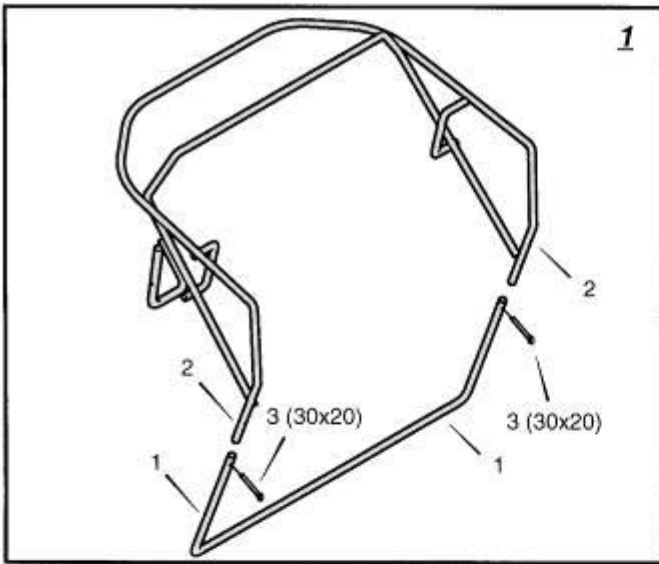
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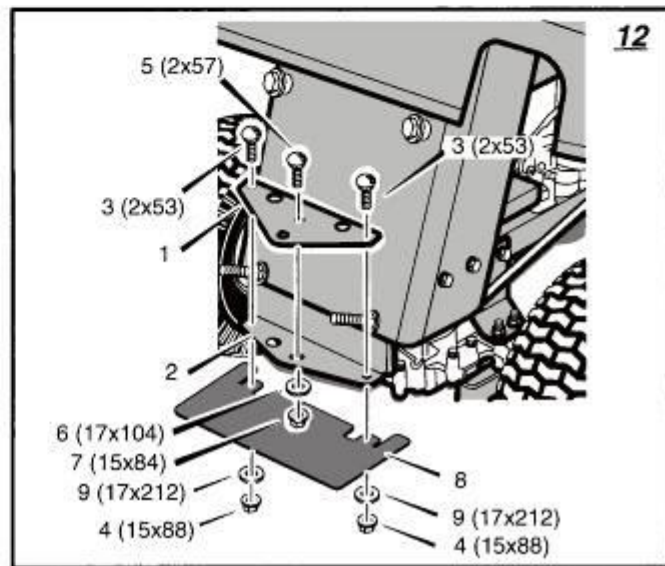
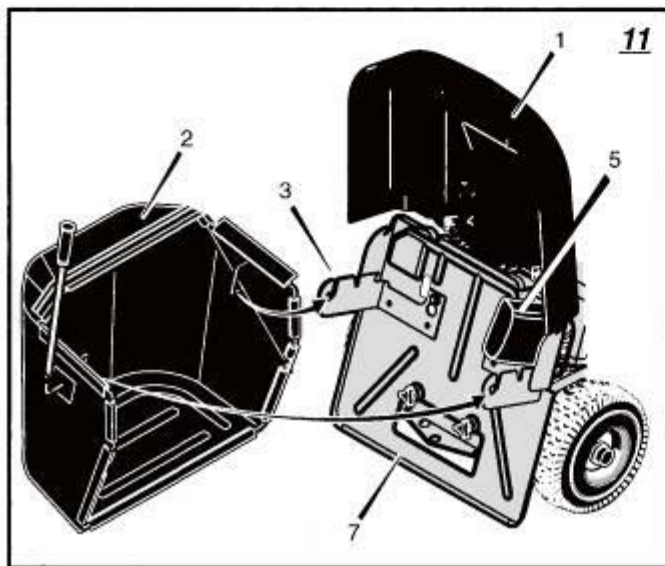
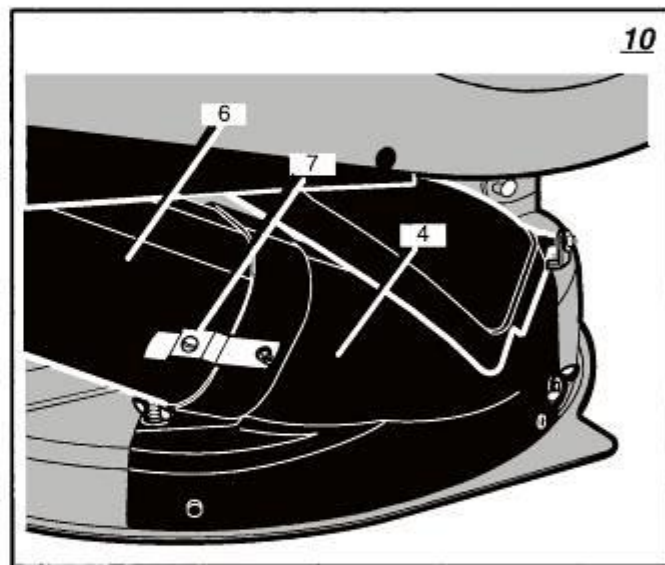
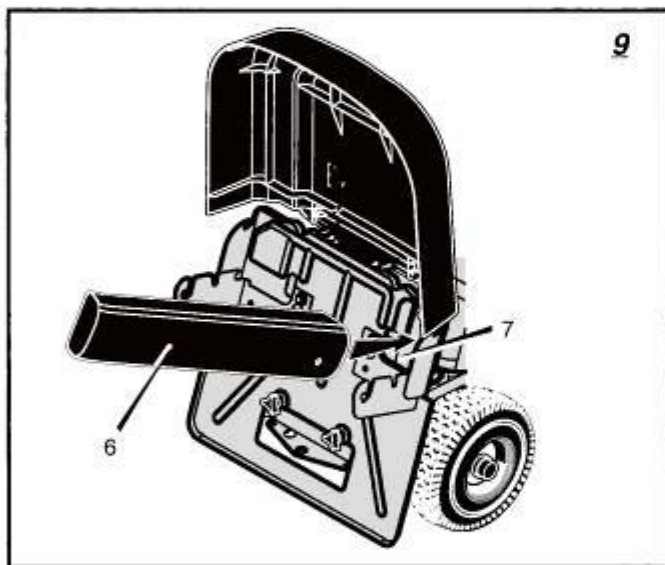
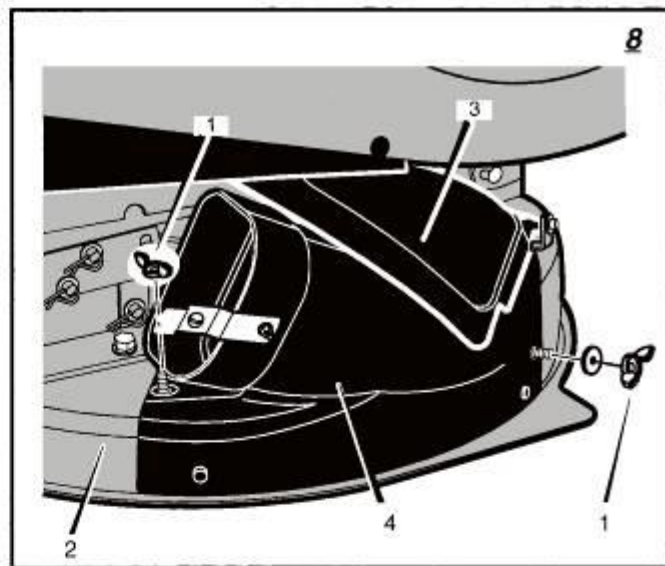
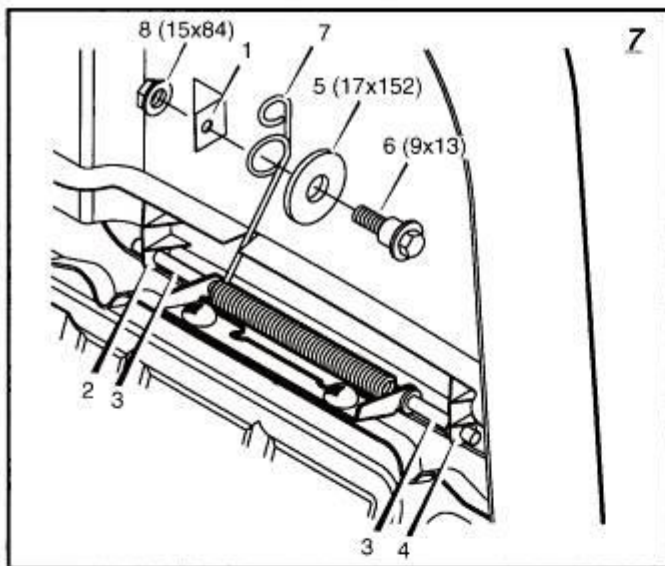
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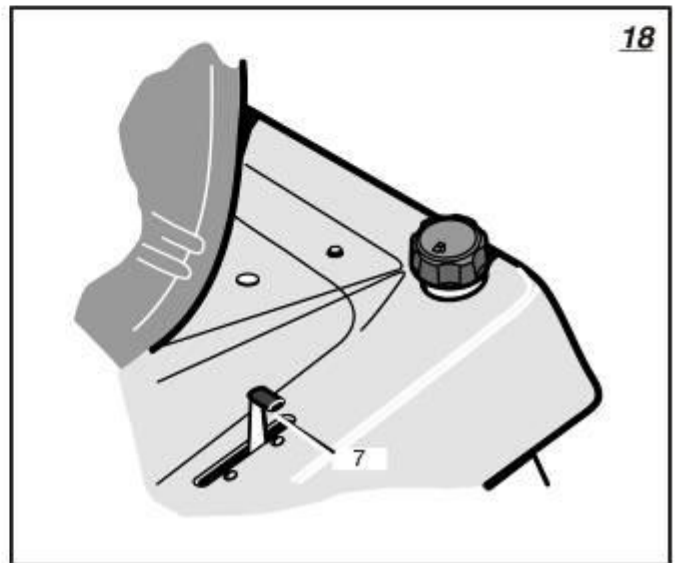
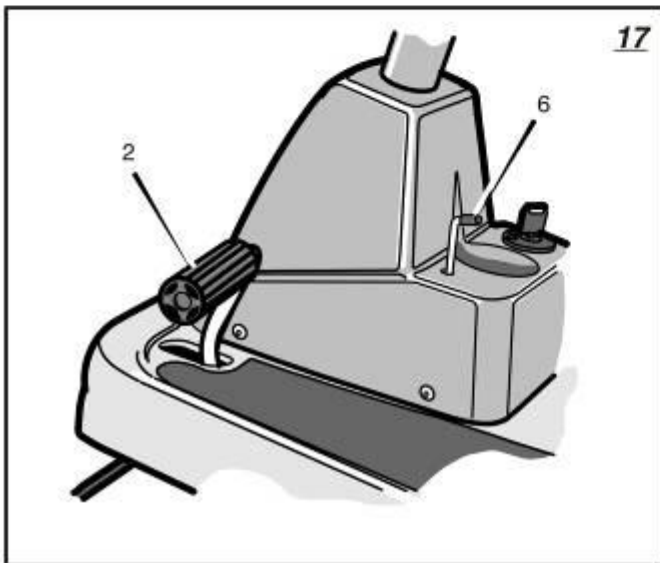
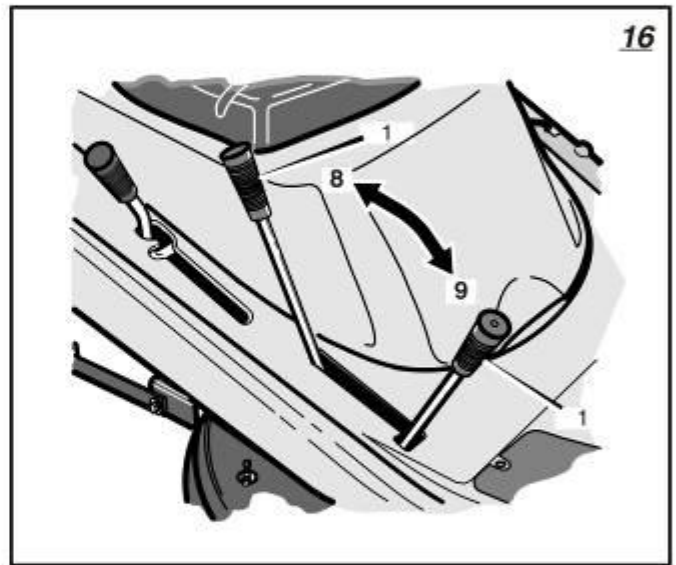
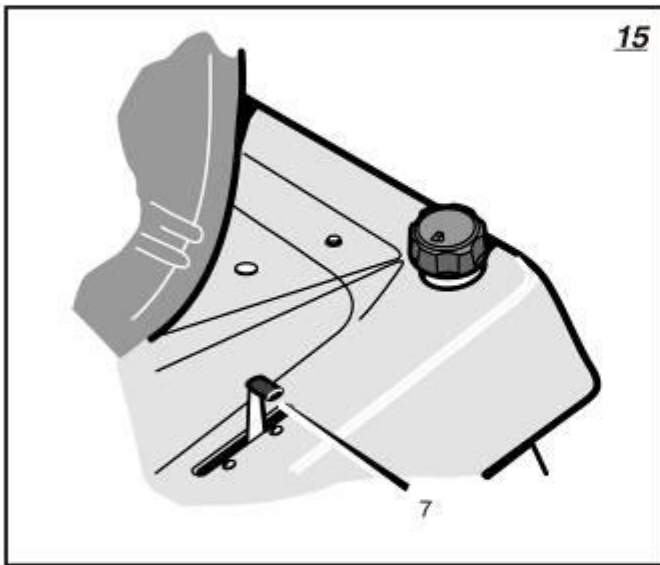
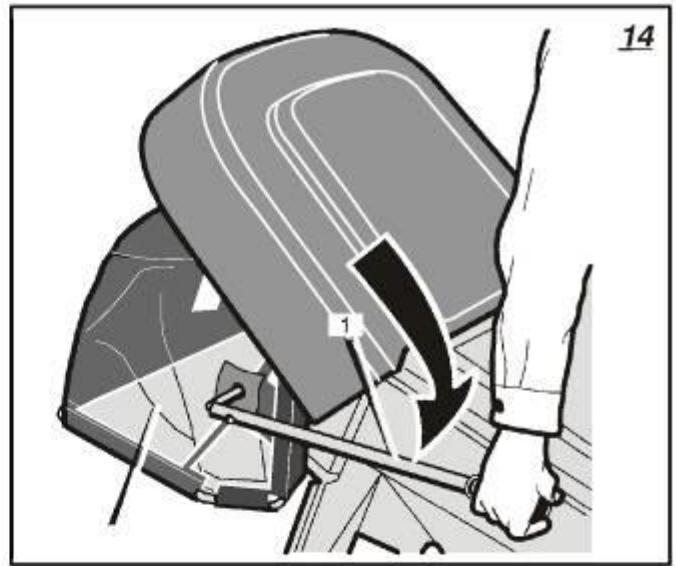
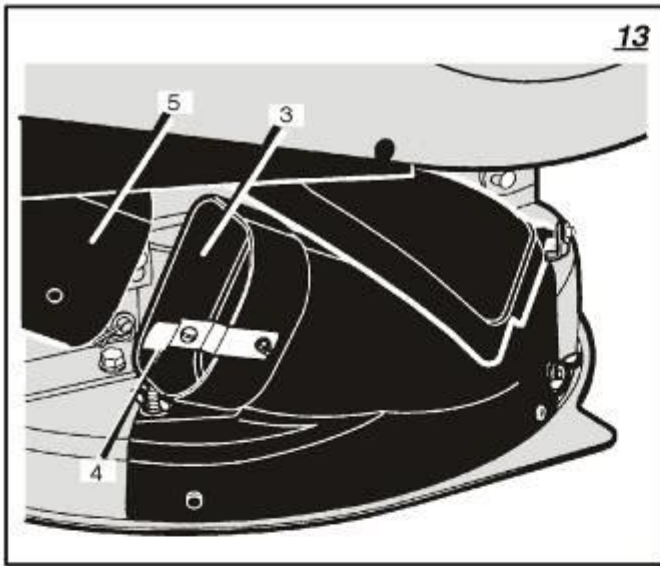
User Manual – Grassbox



F-020901L









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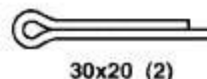
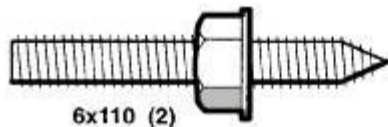
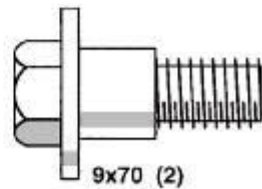
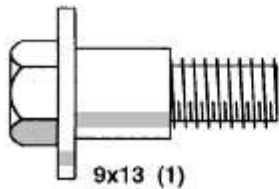
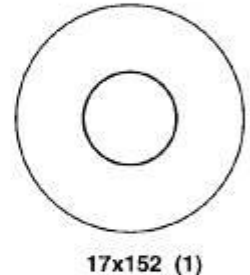
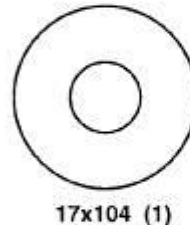
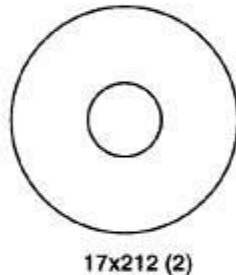
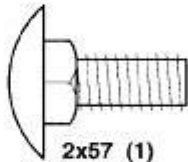
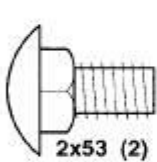
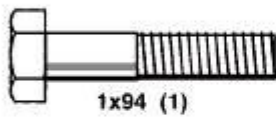


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**MURRAY, INC. WARRANTY
LIMITED TO TWO YEARS**

Outdoor power equipment accessories warrants to the first purchaser that this outdoor power equipment accessory that it will to be free from defects in material and workmanship under normal use and maintenance for the period mentioned below. All these warranty periods start from the date of purchase. This limited warranty does not cover outdoor powered machines such as push or riding mowers, or even parts of such machines, such as engines and gearboxes, since they are warranted by their respective manufacturers. If you are unsure if your unit is covered by this outdoor power equipment accessory limited warranty, consult the dealer of your unit.

It is because we are bound by the conditions and restrictions noted in this warranty that we will repair or replace, at our discretion, any part covered by this warranty for the applicable warranty period.

If a metal part of the machine has defects within two (2) years from the date of purchase, we will repair or replace it at our expense. If a non-metallic part of the machine (fabric grass bag or plastic part) is found to be defective within one hundred and eighty (180) days of the date of purchase, we will repair or replace it at our expense.

This is your sole remedy; however, this warranty shall not be valid and not apply to any device that has been altered, damaged, misused, abused or used for rental or other commercial and/or professional (other than domestic) purposes. Your warranty does not cover small mechanical adjustments that are not due to any defect in material or workmanship. For such adjustments, consult your user manual.

To submit a claim under this warranty, return the unit (or defective part, if you have been authorized in advance)

with proof of purchase to the closest authorized after-sales service centre. To find your closest authorized service centre, call the central spare parts distributor in your area listed in the list provided with your unit or consult the Yellow Pages of your local telephone directory. If you return the entire unit, we will repair it. If we only allow the return of the defective part, we will replace or repair it. In the event of a transmission or differential failure (different from the transaxle), the entire transmission or differential should be returned as they do not contain user-serviceable parts.

This **warranty** gives you specific rights, and you may also have other rights. **This limited warranty is expressly in lieu of any other form of express or implied warranty, including, but not limited to, the implied warranty of merchantability and fitness for a particular purpose.** For more information on this limited warranty or the after-sales service, write to:

INTERNATIONAL PICTOGRAMS

IMPORTANT NOTE: The following pictograms are located on your device or in the attached documentation. Before operating the mower, learn to recognize each pictogram.

NOTE: illustrations and pictograms start on page 2.

Warning pictograms (Figure 19)

- 1 Warning: Use only when the grass bag is fully assembled.

GENERAL INFORMATION

Master the product: if you know the product and understand how it works, you will get the best results. As you read the manual, refer to the attached illustrations. Recognize the location and function of each command. To prevent accidents, follow the operating instructions and safety rules. Keep this manual as it may be useful in the future.



WARNING: This symbol indicates the safety measures to be taken. The message of this symbol is: "Caution! Be careful! Your safety is at stake."

Responsibility of the user



WARNING: This mower may eject objects in its path. Also understand that this machine could amputate your hands and feet. If you do not observe the following safety measures, you may seriously or even fatally injure yourself (and others in the vicinity).

A responsible user should follow the instructions below.

FOR USE IN COMPLETE SAFETY

Rotary blade mower models

Preliminary advice

1. Read the instructions very carefully. Familiarize yourself with the controls and proper use of the equipment.
2. Never allow children or people unfamiliar with the product operate the mower. Government regulations may establish a minimum age.
3. Never mow when people, especially children, or animals are nearby.
4. Keep in mind that the operator or user is liable for risks or accidents to other persons or their property.
5. Do not take passengers.
6. All drivers should receive theoretical and practical advice. These tips are:
 - a. the need to be careful and attentive when mowing on a riding mower
 - b. the brakes do not allow the mower to regain control of the mower on sloping land. The loss of control can be explained as follows:
 - insufficient wheel grip;
 - driving too fast;
 - inadequate braking
 - the type of machine not suitable for the task;
 - lack of attention for the consequences of mowing in sloping land, in particular;
 - poor hanging or uneven distribution of the grass within the bag.

Preparation

1. When mowing, always wear shoes offering full protection and pants. Never mow barefoot or with open sandals.
2. Inspect the area to be mowed and remove any objects that the machine may eject in its path.

3. WARNING - Fuel is highly flammable.

- a. Reserve fuel in jerry cans provided for this purpose.
 - b. Fill with fuel only in open air and do not smoke.
 - c. Add fuel before starting your riding mower. Never remove the tank cover or even add fuel when the engine is running or hot.
 - d. If a fuel leak occurs, do not attempt to start the machine and move it away from the leak area involved: wait until the fuel vapours have dissipated before operating the mower.
 - e. Reposition correctly the tank and jerry can caps correctly.
4. Replace defective noise absorbers.
 5. Before use, make sure that the blades, blade bolts and blade positioning are not worn or damaged. Replace worn or damaged blades and bolts at the same time to maintain balance.
 6. For multi-blade mowers, be careful when rotating one blade as it can cause others to rotate.

Use

1. Do not use the engine in a confined space where dangerous carbon monoxide vapours may accumulate.
2. Mow only during the day or under strong artificial lighting.
3. Before starting the riding mower, disengage all blade control levers and shift to neutral.
4. Do not mow on a slope of more than 10 degrees.
5. Keep in mind that any slope can be dangerous. Pay extra attention while moving. To prevent any fall:
 - a. do not stop or start suddenly when you are on an upward or downward slope;
 - b. engage the clutch slowly, ensuring that the mower gears are always engaged, especially when moving downhill;
 - c. speed should be reduced on slopes and sharp bends;
 - d. pay attention to bumps, hollows and other hidden hazards;
 - e. never mow diagonally to the slope unless the mower is designed for this purpose.
6. Be careful when pulling equipment or other heavy equipment.
 - a. Use only approved drawbars.
 - b. Limit loads to those that can be controlled without any risk.
 - c. Do not make sharp turns. Turn with caution.
 - d. Use counterweights or wheel weights as suggested in the user manual.
7. Beware of traffic when crossing the road or when you are close to a road.
8. Stop blade rotation before crossing an area not covered with lawn.

9. When using attachments, discharge of material towards the vicinity and never allow anyone to approach the mower while it is running.
 10. Never operate the mower with defective protective elements or without any safety devices.
 11. Do not change the engine governor settings or heat the engine. Using the mower at excessive speed may increase the risk of injury.
 12. Before leaving the unit:
 - a. disengage the power supply and lower the accessory unit;
 - b. stay in neutral position and use the parking brake;
 - c. turn the engine off and remove the key.
 13. Disengage the belt from the accessory block, stop the engine, and disconnect the cable(s) from the spark plug or remove the ignition key;
 - a. prior to unlocking and cleaning the machine from any obstructions;
 - b. prior to inspecting, cleaning, or working on the mower;
 - c. after touching an object. Inspect the mower and make any repairs needed before restarting the machine;
 - d. if the machine starts to vibrate abnormally (check immediately).
 14. Disengage the belt from the accessory block during transport or not in use.
 15. Turn off the engine and disengage the belt from the accessory block
 - a. before refuelling;
 - b. prior to removing the grass catcher;
 - c. prior to adjusting the height, unless this adjustment can be made seated.
 16. Reduce the accelerator setting to neutral and, if the mower is equipped with a shut-off valve, turn off the fuel supply after mowing.
 17. Before and when you step back, look **behind** and underneath to make sure there are no young children around.
 18. Pay greater attention when approaching blind corners, bushes, trees or other objects that can obstruct visibility.
- #### Maintenance and storage
1. For multi-blade mowers, be careful when rotating one blade as it can cause others to rotate.
 2. When the mower has to be parked, stored or left for a short or long time, lower the mowing devices unless a mechanical lock is installed.
 3. Make sure that the nuts, bolts and screws are tightened securely so that the mower is in proper operating condition.
 4. Never keep the mower with fuel in the tank inside a building where fumes can reach an open flame or spark.
 5. Let the mower to cool before storing it in an enclosure.
 6. To limit the risk of fire, ensure that the engine, noise damper, battery compartment and fuel reserve area are free of excessive grass, leaves or grease.
 7. Check the grass catcher frequently for wear or damage.
 8. Replace worn or defective parts.
 9. If the tank has to be emptied, this should be done outside.
 10. Performing regular maintenance of the unit is essential. A lack of maintenance and servicing can deteriorate the quality of the unit and reduce its service life.

ASSEMBLY

All fasteners are in the spare parts bag. Do not discard any parts or equipment until the unit is assembled.



DANGER: before mounting or servicing the mower, remove the cable from the spark plug.

NOTE: In this user manual, left and right describe replacing a part with the operator sitting on the mower.

NOTE: illustrations and pictograms start on page 2.

NOTE: please use the fasteners shown in Figure 20 to assemble the different parts.

Mounting the grass box

- (Figure 1) Slide the base of the tube (1) into the metal rod (2) and secure with pins (3).
- Align the holes on the tube (1) with the holes on the metal frame (2) and secure with the pins (3). Make sure to spread BOTH legs of each pin (3) by twisting them.
- (Figure 2) First place the cut-out (4), located on the right side of the grass bag (5) around the handle holder (6).
- Then slide the grass bag (5) on the metal frame (2).
- (Figure 3) Attach the staples (7) to the metal frame (2).
- (Figure 4) Mount the handle (8) on the handle holder (6) and attach using the bolts (9) of the nut (10).

Attaching the extension of the grass bag hanging plate

- (Figure 5) Attach the two base bolts (11) to the rear panel (12) and secure them with the nuts (13).
- Remove the two screws located on the base of the rear panel (12). Replace the two screws with two studs (14) and two nuts (18). Make sure to mount the short end of these studs (14) on the rear panel (12).

- Remove the plastic film (17) of the rear panel (12).
- (Figure 6) Align the notches on the grass bag hanging plate extension (15) with the base bolts (11). Press the grass bag attachment plate (15) against the base bolts (11) by pressing it.
- Attach the base of the grass bag attachment plate (15) to the studs (14) by using the buttons (16).

Mounting of the bag cover (Figure 7)

- To fix the cover (1), slide the centring hole (2) onto the left end of the hinge rod (3). Slide the cover (1) to the right.
- Thread the centring hole (4) onto the right end of the hinge rod (3). Slide the cover (1) to the left until it stops.
- Place the large washer (5) on the base bolt (6). Slide the base bolt (6) into the large loop of the torsion spring (7). Then slide the base bolt (6) into the mounting hole on the cover (1). Attach with the nut (8).



DANGER: The torsion spring (7) is equipped with a return spring so that the cover (1) closes

automatically. Use caution when mounting the torsion spring (7).

Mounting of extension and connecting pipes

- (Figure 8) Remove the wing nut (1) of the cutting block (2).
- Lift the shredder cover (3). Mount the extension tube (4) on the cutting block (2). Attach the extension tube (4) with the wing nut (1).
- (Figure 9) Slide the right end of the connecting tube (6) into the cut-out of the grass bag hanging plate (7). Make sure that the hazard symbol on the connecting tube (6) is facing outwards and is clearly visible.

- (Figure 10) Slide the end of the connecting tube (6) over the extension tube (4). Attach the locking clip (7) in the hole on the connecting tube (6).

Mounting the grass box (Figure 11)

- Lift the cover (1) and hold it in OPEN position.
- Mount the grass box (2) in the slots of the support plates (3).
- Ensure that the grass box (2) is correctly aligned with the mower and swivels freely.
- Lower the cover (1).

Mounting the hanging plate extension and bag attachment plate baffle (Figure 12)

- Attach the ends of the hanging plate extension (1) to the top of the hanging plate (2). Mount the baffle of the bag fixing plate (8) at the base of the hanging plate (2). Attach these parts with two bolts (3), two washers (9) and two nuts (4). Make sure to place the washers (9) and nuts (4) underneath the baffle of the bag fixing plate (8).
- Attach the centre of the hanging plate extension (1) with the bolt (5), washer (6) and nut (7).

Final assembly

- Inspect all fasteners. Check that all fasteners are properly mounted and tightened.
- Check the assembly. Make sure that all parts are correctly assembled.



DANGER: Ensure that the grass box is properly assembled and mounted. The latter should only be used if it is properly assembled and mounted on the mower.

OPERATION

NOTE: illustrations and pictograms start on page 2.

How to use the grass box



DANGER: never drive the mower from top to bottom or from bottom to top on steep slopes. so that you can move back urgently. Never drive the machine horizontally on a slope.

Operation

To use the mower with a grass box, follow the instructions below.

1. Start the engine.
2. (Figure 15) Place the gas control knob in FAST position (fast).
3. When filling the grass box, set the gear lever to the minimum speed.
4. If the height of the grass exceeds 9 cm (3 1/2 inches), mow the grass by adjusting the cutting block to its maximum cutting height. Then lower the cutting block and mow again. You can also adjust the mowing width from 1/2 to 1 2 2 2 3/3 of the maximum mowing width of the cutting block.

How to clean the connecting tube and extension tube

If the connecting tube or extension tube are filled with grass, clean as follows.

1. (Figure 16) Set the blade rotation control (1) on DISENGAGE (disengage position) (8).
2. Put the gear lever in neutral position.
3. (Figure 17) Engage the parking brake (6).
4. Stop the engine.
5. (Figure 13) Detach the locking clip (4) of the connecting tube (5).
6. Slide the connecting tube (5) backwards. To remove grass and debris, shake the connecting tube (5).
7. If needed, remove grass and debris from the extension tube (3).
8. To make the connecting, slide the connecting tube (5) in the extension tube (3). Secure the connecting tube (5) with locking clip (4).

Emptying the grass bag

1. (Figure 16) Set the blade rotation control (1) on the DISENGAGE position (disengage position) (8).
2. Put the gear lever in neutral position (N).
3. (Figure 17) Engage the parking brake (6).
4. (Figure 14) When sitting on the seat, hold the handle (1) of the right hand. Push the handle (1) forward to empty the grass box (2).

Changing the cutting mode

To switch from "bagging" mode to "shredder" or "side discharge", no parts of the grass box need to be removed.

1. Remove the connecting tube. See the section "Disassembly of the connecting pipe" in the Maintenance section.
2. (Figure 8) Remove the winged nuts (1) securing the extension tube (4) to the cutting block (2). Remove the extension tube (4).
3. Attach the side discharge attachment or lower the shredder cover and attach it with the two wing nuts.

Some tips...

1. For best results, checking the cutting level of the cutting block is essential. See "Levelling the cutting block" in the Maintenance section.
2. To make the cut even everywhere, ensure that the tires are inflated as required.
3. At each use, check the blade. If it is bent or defective, replace it immediately. Similarly, make sure that the nut is tightened securely.
4. Keep the blade(s) sharp. Worn blades make the grass blades brown.
5. If the grass is high, mow in half to reduce the load on the engine. First mow by placing the cutting block in the highest position, then lower it for the second mowing.
6. Keep the accelerator in FAST position and the gearshift lever in the first or second position.
7. To get a beautiful lawn, mow at the slowest speeds.
8. After each use, clean the bottom and top of the cutting block. Keeping it clean can also help you prevent a fire.

MAINTENANCE

NOTE: illustrations and pictograms start on page 2.

General recommendations

1. Maintaining this product requires responsibility. This will extend its useful life. This is important because if you do not comply with these rules, you may lose your coverage.
2. Check the fasteners. Make sure all fasteners are tightened securely.
3. Consult the Maintenance section to keep your mower in good working condition.



DANGER: prior to performing any inspection, adjustments or repairs, disconnect

the spark plug cable and remove it to prevent the engine from starting unintentionally.

NOTE: torque is measured in newton meters (foot-pounds). This unit of measurement is used to determine the tightening torque of the nut or bolt. The torsion torque is measured with a torque wrench.

Disassembling the connecting tube

For the grass to be effectively loaded into the container, the connecting tube should be clean and free from grass and impurities. Disassemble and clean the tube fitting as follows:

Disassembly

1. (Figure 16) Set the blade rotation control (1) on the DISENGAGE position (disengage position) (8).
2. Put the gear lever in neutral position (N).
3. (Figure 17) Engage the parking brake (6).
4. Stop the engine.
5. Move the cutting height lever to intermediate position.
6. (Figure 11) Lift the cover (1) and remove the grass box (2).
7. (Figure 13) Detach the locking clip (4) of the connecting tube (5).
8. (Figure 11) Remove the connecting tube (5) through the hole on the bag mounting plate (7).
9. Clean the connecting tube (5) with soap and water.

Disassembling the Grassbox

1. Remove the connecting tube. See "Disassembly of the connecting pipe" section.
2. (Figure 6) Loosen the two knobs (16) located at the base of the bag mounting plate (15).
3. Raise the bag mounting plate (15) and remove it from the base bolts (11).
4. (Figure 8) Remove the winged nuts (1) securing the extension tube (4) to the cutting block (2). Remove the extension tube (4).
5. Close the shredder cover (3) and fasten with wing nuts (1).

Replacement of spare parts

The replacement of spare parts is shown either on the back of this manual or in a separate spare parts manual.

Using only parts authorized by the manufacturer or approved by the manufacturer is strongly recommended. The letter at the end of the part number show the type of refining for the part, C for chromium, Z for zinc, PA for a purchased part. Including it when ordering a part is important. Do not use towed parts or accessories not specifically designed for the mower. To get the suitable replacement part, you should provide the model number of the mower (see indicator plate).

Spare parts, except for the engine, transmissions, transaxle or differential, are available from the store where the mower was purchased, or from a recommended service workshop.

If you cannot get the parts or do not know anyone to troubleshoot or service the mower, please contact:

Replacement parts such as the engine, transmissions, transaxle or differential are available from a service authorized by the manufacturer, whose address can be found on the Yellow Pages. In addition, you can rely on engine or transmission warranties to order spare parts.

When ordering, you need to provide the following information:

- (1) The model number
- (2) The serial number
- (3) The part number
- (4) The amount



Declaration of conformity 

FEIDER FRANCE
ZI, 32 RUE ARISTIDE BERGES - 312070 CUGNAUX - FRANCE

Declares that the machinery designated below:

MOWER

FRT7550M

S/N:

Complies with the provisions of the Directive “ machinery ” 2006/42/EC and national laws transposing it:

Also complies with the following European directives:

EMC Directive 2014/30/EU

ROHS Directive 2011/65/EU

Noise Directive 2000/14 / EC and 2005/88 / EC Annex VI

Measured sound power level: 98.4 dB(A), K=2.03 dB(A).

Sound power level guaranteed: 100dB(A)

Notified body: 0036

TÜV SÜD Industrie Service GmbH

Westendstrasse 199 • 80686 München • Deutschland

Also complies with European standards, with national standards and the following technical provisions:

EN ISO 5395-1:2013

EN ISO 5395-3:2013/A1:2017

EN ISO 14982:2009

A handwritten signature in black ink, appearing to read "Philippe MARIE".

Philippe MARIE / CEO
Cugnaux, 08/10/2018