

PRORUN®

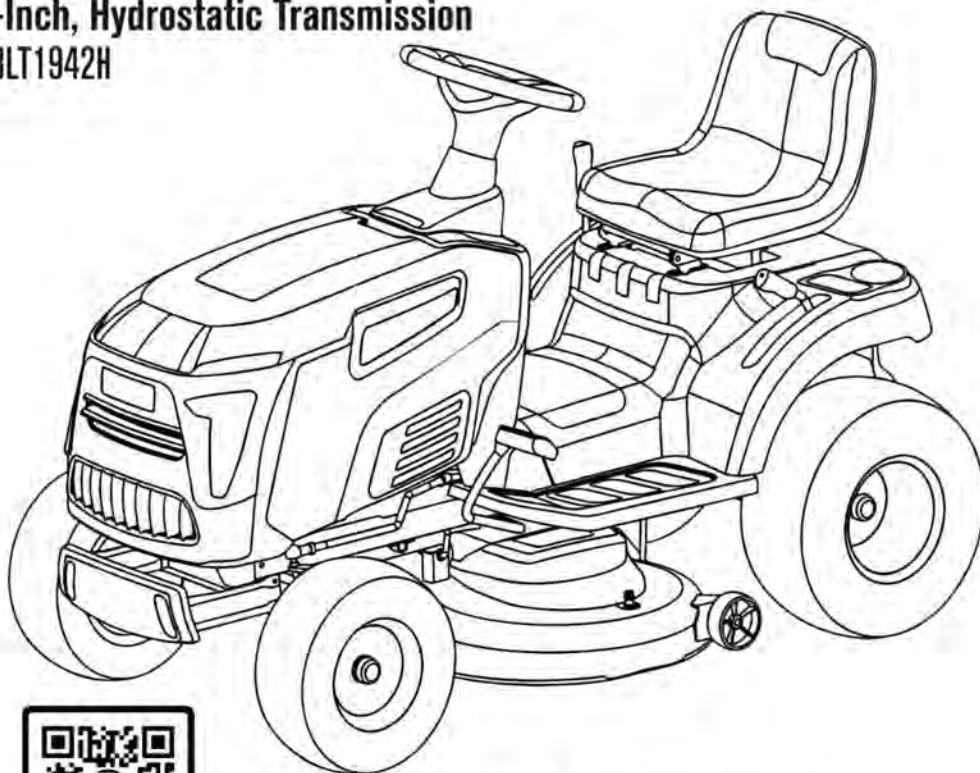
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Operator's Manual

LAWN TRACTOR

540cc, 42-Inch, Hydrostatic Transmission

MODEL: PBLT1942H



Everything PRORUN

Before operating, read the instructions.

⚠ **IMPORTANT - READ CAREFULLY BEFORE USE**

⚠ **IMPORTANT SAFETY INSTRUCTIONS - SAVE THESE INSTRUCTIONS**



WARNING: To reduce the risk of injury, the user must read and understand the Operator's Manual before using this product. Save these instructions for future reference.

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Version: A - Issue Date: 2025/01/01

1. PRODUCT SPECIFICATIONS

Model		PBLT1942H
Engine model		Briggs & Stratton 330000
Engine displacement		540 cc (32.93 ci)
Nominal power		19 HP (13.97 kW)
Max. engine speed		2800min ⁻¹
Fuel		Unleaded gasoline, a minimum of 87 octane/87 AKI (91 RON) Gasoline with up to 10% ethanol (gasohol) is permitted.
Engine oil		SAE 30 - Below 40 °F (4 °C) the use of SAE 30 will result in hard starting.
Oil Capacity - with filter		46 - 48 oz (1,36 - 1,40 L)
Spark plug		RC12YC (Champion) or equivalent
Spark plug gap		.030 in (,76 mm)
Blade model		108.41.101 Length: 542 mm (21 inches)
Cutting width		108 cm
Sound pressure level at operator position		L _{pA} : 88.8 dB(A), K _{pA} : 3 dB(A)
Measured sound power level		L _{WA} : 99.4 dB(A), K _{WA} : 1.08 dB(A)
Guaranteed sound power level (2000/14/EC)		L _{WA} : 100 dB(A)
Vibration	Hand-arm	a _h : 4.3 m/s ² , K _h : 1.5 m/s ²
	Whole body	a _h : 0.9 m/s ² , K _h : 1.5 m/s ²
Mass		170 kg
Driving speed		Forward:0 - 6.2 MPH, Reverse 0 - 4.3 MPH (Forward:0 - 10 km/h, Reverse 0 - 7km/h)
Blade screw tightening torque		40–45 Nm
Cutting height (on 7 levels)		30 – 90 mm
Front wheels		15 × 6.00-6
Rear wheels		18 × 8.50-8
Front wheel inflation pressure		1.2 bar / 17.7 PSI
Rear wheel inflation pressure		1.0 bar / 14.5 PSI
Electrical system		12V DC
Battery		18 Ah
Capacity of fuel tank		1.98 Gallons (7.5 Liters)

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3. GENERAL WARNINGS

⚠ WARNING! FOLLOW THESE INSTRUCTIONS CAREFULLY!

Before use, read and understand the installation and operation instructions in this manual to become familiar with how this tractor mower works. Failure to follow all instructions listed below may result in electric shock, fire, and/ or serious injury.

⚠ WARNING! THIS MACHINE IS CAPABLE OF AMPUTATING HANDS AND FEET AND THROWING OBJECTS.

Failure to observe the following safety instructions could result in serious injury or death.

1. Always safeguard these operating instructions so that they can be consulted if you need any information about the appliance.
2. Only pass on the appliance to other people together with these operating instructions.
3. Comply with the safety and warning information in these operating instructions.
4. The tractor mowers are supplied with different levels of equipment. Please note that the illustrations may differ somewhat from the original. Please contact a specialist workshop or the manufacturer if you encounter difficulties in following the descriptions.
5. Comply with the supplied assembly instructions.

⚠ HAZARD! CAREFULLY READ THIS INSTRUCTION MANUAL COMPLETELY.

Abide by all the “SAFETY PRECAUTIONS” before, during, and after using the machine.

Keep this manual and all the attachments for any future consultation.

In case of any change in ownership, the manual must be handed over together with the machine.

HOW TO READ THE MANUAL

Some paragraphs in the manual containing important information regarding safety and operation are emphasized in the following ways.

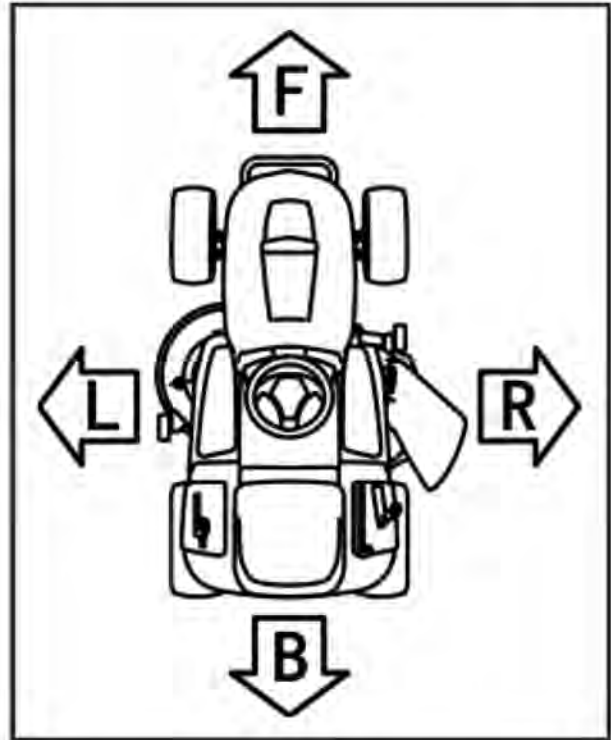
NOTE **⚠ IMPORTANT!** **⚠ HAZARD!** **⚠ CAUTION!** These give details or further information on what has already been said, with the aim of preventing damage to the machine.

⚠ WARNING! Non-observance will result in the risk of injury to oneself or others.

⚠ DANGER! Non-observance will result in the risk of serious injury or death to oneself or others.

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NOTE POSITIONS ON THE MACHINE, SUCH AS “FRONT”, “BACK”, “LEFT” OR “RIGHT” HAND SIDE, REFER TO THE DIRECTION OF FORWARD TRAVEL.



⚠ IMPORTANT! FOR ALL OPERATIONS REGARDING THE USE AND MAINTENANCE OF THE ENGINE NOT DESCRIBED IN THIS MANUAL, REFER TO THE RELEVANT MANUALS WHICH FORM AN INTEGRAL PART OF ALL THE DOCUMENTATION SUPPLIED WITH THE MACHINE.

4. GENERAL SAFETY REGULATIONS

⚠ WARNING!   **READ CAREFULLY BEFORE USING THE MACHINE.**

⚠ WARNING!   **NEVER MOW WHILE PEOPLE, ESPECIALLY CHILDREN, OR PETS NEARBY.**

1. Read, understand, and follow instructions and warnings in this manual and on the machine, engine, and attachments. Be familiar with the controls and how to use the equipment properly.
2. Only allow operators, who are responsible, trained, familiar with the instructions, and physically capable to operate the machine.
3. Never let children or people unfamiliar with these instructions use the machine. Local regulations can restrict the age of the user.
4. Never mow while dark.
5. Keep in mind that the operator or user is responsible for accidents or hazards occurring to other people or their property.

6. Do not carry passengers and keep bystanders away.
7. All drivers should seek and obtain professional and practical instruction. Such instruction should emphasize:
 - The need for care and concentration when working with ride-on machines.
 - You cannot use the brake to regain control of a ride-on machine sliding down a slope. The main reasons for loss of control are.
 - Insufficient wheel grip.
 - Over-speeding.
 - Inadequate braking.
 - The type of machine is unsuitable for its task.
 - Unawareness of the effect of ground conditions, especially slopes.
 - Incorrect hitching and load distribution.

⚠ WARNING! DANGER IF PROTECTIVE DEVICES ARE REMOVED OR MANIPULATED!

Do not operate with any protective devices removed or manipulated. Defective protective devices must be repaired or renewed immediately!

DESIGNATED USE

The tractor mower is intended for mowing in domestic gardens and allotments with a max Slope of 27% (15°). Additional applications, such as for mulching, are only permitted if the original accessories are used and in compliance with the maximum load values. This appliance is intended solely for use in noncommercial applications. Any other uses (as well as unauthorized conversions or add-ons) are regarded as contrary to the intended use and will result in exclusion of the warranty as well as loss of conformity; the manufacturer will thus decline any responsibility for damage and/or injury suffered by the user or third parties.

POSSIBLE MISUSE

THE TRACTOR MOWER IS NOT DESIGNED FOR COMMERCIAL USE IN PUBLIC PARKS, SPORTS GROUNDS, AGRICULTURE, OR FORESTRY.

OPERATOR SAFETY

⚠ WARNING!

1. Do not put hands or feet near rotating parts or under the machine. Keep clear of the discharge opening at all times.
2. Clear the operating area of any objects which could be thrown by or interfere with the operation of the machine.
3. Do not mow in reverse unless absolutely necessary. Always look down and behind before and while backing.
4. Children, or other people who are not familiar with the instructions for use, are not allowed to use the equipment.
5. Comply with local regulations on the minimum age of people operating the equipment.

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6. Do not allow children and young people to play on the machine.
7. Only mow during daylight hours or with good artificial lighting.
8. Keep the area of operation clear of all bystanders, particularly small children. Stop the machine and attachment(s) if anyone enters the area.
9. The user is responsible for accidents involving other people and their property.
10. Only use genuine spare parts and genuine accessories.
11. Repairs on the machine must be carried out by the manufacturer or by one of its customer service centers.
12. Wear ear protection.
13. The tractor mower does not have approval for road use and may not be driven on public roads.
14. Do not mow during thunderstorms. No protection against lightning strikes.
15. Do not carry any passengers on the machine.
16. Do not use the machine on slopes with longitudinal gradients greater than 15° (27%).
17. Do not use the machine on slopes with lateral gradients greater than 10° (18%).
18. Never drive transversely to the slope.
19. Do not use the tractor lawnmower and/or any accessories attached to it in the event of fatigue, illness, or after the consumption of alcohol, drugs or medications that impair reaction time and/or ability to focus.
20. Comply with the permitted operating times in your vicinity.
21. The tractor mower can cause serious injuries due to its dead weight. Take particular care when loading and unloading the ride-on mower to transport it on a vehicle or trailer. Use full width ramps for loading and unloading the machine for transport.
22. This tractor mower is not allowed to be towed. Use a suitable vehicle for transportation on public roads.
23. Do not operate the tractor mower in poorly ventilated working areas (e.g. a garage). The exhaust gases contain poisonous carbon monoxide as well as other harmful substances. Only operate the engine in well-ventilated areas. Exhaust gases contain carbon monoxide, a deadly poison.
24. Do not change or manipulate any fixed settings for engine speed regulation.
25. Do not operate the machine without the entire grass catcher, discharge chute, or other safety devices in place and functioning properly. Check frequently for signs of wear or deterioration and replace as needed.
26. Never direct discharge of material toward bystanders nor allow anyone near the machine while in operation. Avoid discharging material against a wall or obstruction. Material may ricochet back toward the operator. Stop the blade(s) when crossing gravel surfaces.
27. Long-term exposure to noise can result in permanent hearing impairment. So always use approved hearing protection and reduce working hours.
28. To reduce the impact of noise and vibration emission, limit the time of operation, use low-vibration and low-noise operating modes as well as wear personal protective equipment.

29. Take the following points into account to minimize the vibration and noise exposure risks:

- Only use the machine as intended by its design and these instructions. Ensure that the machine is in good condition and well maintained.
- Use the correct accessories for the machine and ensure they are in good condition.
- Keep a tight grip on the steering wheel.
- Maintain this machine in accordance with these instructions and keep it well lubricated (where appropriate).
- Plan your work schedule to spread any high vibration tool use across a longer period of time.
- Prolonged use of the machine exposes the user to vibrations that can cause a range of conditions collectively known as hand-arm vibration syndrome (HAVS) e.g. fingers going white; as well as specific diseases such as carpal tunnel syndrome. To reduce this risk when using the machine, always wear protective gloves and keep your hands warm.

⚠ IMPORTANT! ANYONE USING THE RIDING LAWN MOWER SHOULD FIRST BE ACQUAINTED WITH THE INSTRUCTIONS IN THIS MANUAL AND COMPLETELY FAMILIARIZE THEMSELVES WITH THE CONTROLS TO ENSURE CORRECT AND SAFE MACHINE USE.

⚠ IMPORTANT!  ANYONE USING THE TRACTOR LAWN MOWER SHOULD FIRST BE ACQUAINTED WITH THE INSTRUCTIONS IN THIS MANUAL AND COMPLETELY FAMILIARIZE THEMSELVES WITH THE CONTROLS TO ENSURE CORRECT AND SAFE MACHINE USE.

1. Never allow children under sixteen and people not fully acquainted with these instructions to use the lawn mower. Specific national regulations may indicate the minimum operator's age.
2. Never start and use the lawn mower near other people, especially children or pets.
3. Keep in mind that the operator or user is liable in the event of accidents or damage occurring to other people or their property.

CHILDREN SPECIFICS

1. Tragic accidents can occur if the operator is not alert to the presence of children. Children are often attracted to the machine and the mowing activity. Never assume that children will remain where you last saw them.
2. Keep children out of the operating area and under the watchful care of a responsible adult other than the operator.
3. Do not carry children, even with the blade(s) shut off. Children could fall off and be seriously injured or interfere with safe machine operation. Children who have been given rides in the past could suddenly appear in the mowing area for another ride and be run over or backed over by the machine.

⚠ HAZARD! DO NOT CARRY PASSENGERS.

1. Such overloads could negatively affect the stability of the machine and overstress the mechanical parts.
2. Do not make any changes to the machine.

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3. Incorrect use of the machine as indicated in this paragraph will invalidate the warranty and relieve the manufacturer of any liability in case of any ensuring injuries or damage.

⚠ IMPORTANT! USERS OF THE LAWN MOWER MUST BE IN GOOD MENTAL AND PHYSICAL SHAPE; DO NOT USE THE MACHINE WHEN TIRED FEELING BAD OR UNDER THE INFLUENCE OF DRINK, DRUGS, OR MEDICAL PRODUCTS THAT REDUCE PROMPTNESS OF REACTIONS.

TRAINING & PREPERATION

THE DRIVER MUST BE SUITABLY TRAINED AND SHOULD FOCUS ON:

1. Do not use the tractor lawnmower and/or any accessories attached to it in the event of fatigue, illness, or after the consumption of alcohol, drugs or medications that impair reaction time and/or ability to focus.
2. Be careful and concentrate during work.
3. The fact that a machine sliding down a gradient cannot be controlled using the brakes. The main causes of losing control of the machine are:
 - Lack of wheel grip.
 - Too much speed.
 - Inadequate breaking.
 - Machine not suitable for job to be done.
 - Lack of acquaintance with effects deriving from terrain conditions, especially on slopes.

THE DRIVER MUST BE SUITABLY PREPARED AND SHOULD FOCUS ON:

1. During work wear solid shoes with non-slip soles and protective clothes.
2. Always use a hearing protection headset, protective eyewear, or a visor.
3. Do not use the equipment if you are barefoot or wearing sandals.
4. Do not use the equipment if you are wearing loose-fitting clothes that may get caught up.
5. Carefully inspect the area where you intend to use the lawnmower and remove any objects that could be launched by the machine.

⚠ HAZARD!



DANGER! PETROL IS HIGHLY FLAMMABLE!

1. Keep the petrol in containers that are specifically designed for the purpose.
2. Only supply petrol outdoors, do not smoke during refueling.

FIRE AND FUEL SPECIFICS

1. Extinguish all cigarettes, cigars, pipes, and other sources of ignition.
2. Use only an approved fuel container.
3. Do not remove fuel cap or add fuel with the engine running or while hot.
4. Do not refuel indoors or in enclosed spaces.
5. Do not store the machine or fuel container, or refuel, where there is an open flame, spark, or pilot light such as on a water heater or other appliance.
6. If fuel is spilled, do not attempt to start the engine and avoid creating any source of ignition until fuel vapors have dissipated.

7. To help prevent fires: keep the machine free of grass, leaves, or other debris build up; clean up oil or fuel spillage and remove any fuel soaked debris; allow machine to cool before storing.
8. Use extra care in handling gasoline and other fuels. They are flammable and vapors are explosive.

HAZARD!



EXPLOSIVE FUEL!

1. Supply petrol before starting the engine. Do not remove the tank cap and do not supply petrol while the engine is running or hot.
2. Should the petrol run over, do not attempt to start the engine, but move the machine well away from the spot where you spilled the petrol. Avoid any cause of spark or fire until the petrol fumes have completely disappeared.
3. Close back the petrol tank and the containers by safely tightening their caps.
4. Replace the muffler if it is faulty or damaged.
5. Before use, always visually check that the blade, the blade fastening screws, and the cutters are not worn or damaged. Replace any damaged or worn blades, as well as their fastening screws in correct series to maintain proper balancing. Repairs and maintenance of mechanical parts must be done by an authorized service center.

RULES FOR CORRECT OPERATION

HAZARD!



DO NOT OPERATE THE ENGINE IN A CONFINED OR RESTRICTED AREA WHERE THE DANGEROUS CARBON MONOXIDE CONTAINED IN THE EXHAUST FUMES MAY BUILD UP.

1. Only operate on grounds that are lit by daylight or by adequate artificial lighting.
2. Before starting the engine, disengage the blade, place the gear shift in neutral "N" and engage the parking brake.
3. Avoid using the lawn mower on wet grass as much as possible.
4. Do not operate on excessively steep slopes. Check the limits indicated in the operator's manual.

CAUTION!



RISK OF OVERTURNING ON STEEP GRADIENTS.

1. Do not use the machine on lawns with longitudinal gradients of more than 27% (15°).
2. Do not use the machine on lawns with slight side gradients above 18% (10°).

IMPORTANT!

REMEMBER, THERE IS NO SUCH THING AS A "SAFE" GRADIENT. MOVING ON SLOPED LAWNS REQUIRES SPECIAL CARE AND EXPERIENCE.

SLOPE SPECIFICS

SLOPES ARE A MAJOR FACTOR RELATED TO ACCIDENTS. OPERATION ON SLOPES REQUIRES EXTRA CAUTION.

1. Travel in the manufacturer recommended direction on slopes. Use caution while operating near drop-offs.

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2. Do not operate the machine under any condition where traction, steering, or stability is in question. Tires could slide even if the wheels are stopped.
3. Avoid starting and stopping on slopes. Avoid making sudden changes in speed or direction. Make turns slowly and gradually.

TO PREVENT OVERTURNING:

1. Always mow either up or down, never mow across slopes.
2. Never stop or start suddenly on slopes.
3. Engage the drive gently and always keep the drive gear engaged, especially on downward slopes.
4. Speed must be reduced on slopes and sharp bends.
5. Never move down slopes with the gear shift in neutral "N", engage a lower gear.
6. Be careful of mounds, bumps, and hidden hazards.

▲ CAUTION! THE DRIVER SHOULD BE AWARE:

1. Use care when pulling loads or using heavy equipment:
 - Use only approved drawbar hitch points.
 - Limit loads to those you can safely control. Follow the manufacturer's recommendation for weight limits for towed equipment and towing on slopes.
 - Do not turn sharply. Use care when reversing.
 - Use counterweight(s) or wheel weights whenever advised in the operator's manual.
 - Avoid holes, ruts, bumps, rocks, or other hidden hazards. Uneven terrain could overturn the machine or cause the operator to lose their balance or footing.
2. Be very careful when changing direction on slopes.
3. Stop the blade when crossing terrain other than lawns and when the lawn mower is transported to and from the work area.
4. Do not use the lawn mower when faulty guards are without fitted safety devices, such as, for example, the grass bag.
5. Do not modify the engine adjustments and do not tamper to increase the engine speed. If the speed of the engine is too high this could cause personal injuries.
6. Disengage the blade and drive control before starting the engine.
7. Hands and feet must be kept away from the blade. Always keep away from the grass unloading opening.
8. Reduce the throttle during engine run-out. If the engine is provided with a shut-off valve, cut off the fuel when you have finished mowing.
9. Watch out for traffic when crossing or near roadways.
10. Never direct discharge of material toward bystanders nor allow anyone near the machine while in operation.

BEFORE LEAVING THE DRIVING SEAT:

1. Place the gear shift in neutral "N" and engage the parking brake.
2. Disengage the blade and lower the blade deck.
3. Stop the engine and remove the key.

▲ HAZARD!



BEFORE CARRYING OUT ANY INSPECTION, CLEANING, AND SERVICING OPERATIONS ON THE MACHINE, STOP THE ENGINE, TAKE OUT THE IGNITION KEY AND FOLLOW THE INSTRUCTIONS IN THE OPERATOR'S MANUAL.

▲ HAZARD!



THE BLADES ARE SHARP, RISK OF A SERIOUS INJURY!

1. Before carrying out any inspection, cleaning, and repair operations on the cutting parts, stop the engine and take out the ignition key.
2. Next, disconnect the spark plug wire and keep the cap away from the plug to prevent accidental starting.

▲ HAZARD!



THE BLADES ARE SHARP, RISK OF A SERIOUS INJURY!

1. Wait for the blade and all the moving parts to come to a halt before touching them. The blade will continue turning for some time after switching off the engine or disabling the blade control.
2. Disengage the blade during transport and every time it is not used.

STOP THE ENGINE, REMOVE THE KEY, AND DISENGAGE THE BLADE:

1. Before leaving the machine.
2. Before filling up with petrol.
3. Before adjusting the cutting height if the operation is not performed from the driving seat.

NOTE

MAKE SURE THE ACCELERATOR IS SET AT A MINIMUM BEFORE SWITCHING OFF THE ENGINE.

STOP THE ENGINE, REMOVE THE KEY, AND DISCONNECT THE SPARK PLUG WIRE:

1. If you knock against a foreign body, stop the engine, disconnect the spark plug wire, and carefully inspect the lawn mower for any damage.
2. Have any damage repaired before you start the engine again. Use the services of an authorized service center. Should the machine display unusual vibrations, stop the engine, and immediately seek the cause of the vibrations, as a rule, unusual vibrations are an indication of a problem.

GENERAL MAINTENANCE

1. Make sure all the nuts and screws are tight, so the lawnmower is in good operating condition and safe to use.
2. Wait for the engine to completely cool down before cleaning, adjusting, or repairing.

▲ DANGER!



RISK OF BURNS!

3. Never store the lawn mower in a secluded area with petrol in the tank, as the fumes may reach a naked flame or a source of sparks.
4. Wait for the engine to cool down, before storing the lawn mower in a secluded area.
5. In order to reduce the risk of fire, keep the engine, the muffler (battery housing) and petrol deposited area free of grass leaves or excessive grease.

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6. For safety reasons, repair any worn or damaged parts only using original spare parts. Non-original spare parts may not suit properly and cause damage and dangers.
7. Should you need to empty the fuel tank, do so in the open.
8. When the machine must be parked, stored, or left unattended, lower the blade deck, and remove the ignition key to prevent unauthorized persons starting the machine.
9. Regularly check, or have an after-sale center check, the tightening of the blade and of the engine supporting bolts.
10. Blade sharpening and balance adjustment, including removal and refitting, are demanding operations and will require specific competence, as well as special equipment. Especially for safety reasons these operations must be carried out by a specialized after-sale center. The same applies for replacing the blade with a new one.
11. Use caution when servicing blades. Wrap the blade(s) or wear gloves. Replace damaged blades. Do not repair or alter blade(s).

⚠ CAUTION!



WEAR HEAVY GLOVES.

The lawn mower blade is sharp and can cut the skin. You need to take the necessary precautions whenever you work near or on the blade.

MACHINE SAFETY

⚠ IMPORTANT!

YOUR LAWN MOWER HAS BEEN DESIGNED IN ACCORDANCE WITH SPECIFIC SAFETY STANDARDS.

Safety standards prevents engine start unless all machine's safety conditions are in place.

SYSTEMS OPERATE AS FOLLOWS:

CONDITIONS TO BE COMPILED WITH :

1. The start switch at end position.
 2. The parking brake is engaged.
 3. The cutting blades disengaged.
 4. Forward / Reverse pedal in NEUTRAL position.
- In the case that even one safety condition is lacking, stop the engine.

THE ENGINE STOPS IF:

1. The operator leaves the driving seat with the blade rotation enabled.

⚠ HAZARD!



NEVER TAMPER WITH THE SAFETY SWITCHES AND THEIR POWER LEADS.

In case of a fault, do not use the machine but contact an authorized service center.

⚠ WARNING! DANGER IF PROTECTIVE DEVICES ARE REMOVED OR MANIPULATED!
Do not operate with any protective devices removed or manipulated. Defective protective devices must be repaired or renewed immediately!

ABOVE ALL, THE PROTECTIVE DEVICES INCLUDE:

1. Brake contact switch.
2. Mower mechanism contact switch.
3. Seat contact switch.
4. Mower mechanism covers.
5. Belt covers.

⚠ WARNING! DANGERS DUE TO OVERLOADING THE RIDE-ON MOWER!
Make sure that the permissible inclines/declines are not exceeded. Exceeding these values may exceed the braking capacity of the ride-on mower and lead to dangerous situations!

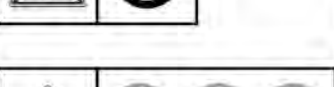
NOTE BEAR IN MIND THAT THE RIDE-ON MOWER IS NOT APPROVED FOR ROAD USE, AND THUS IS NOT ALLOWED TO BE DRIVEN ON PUBLIC ROADS.

5. SYMBOLS

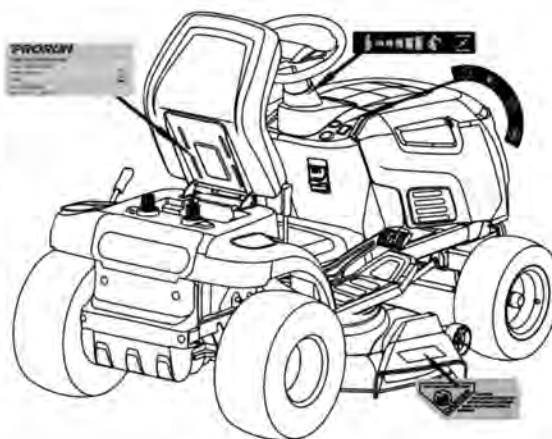
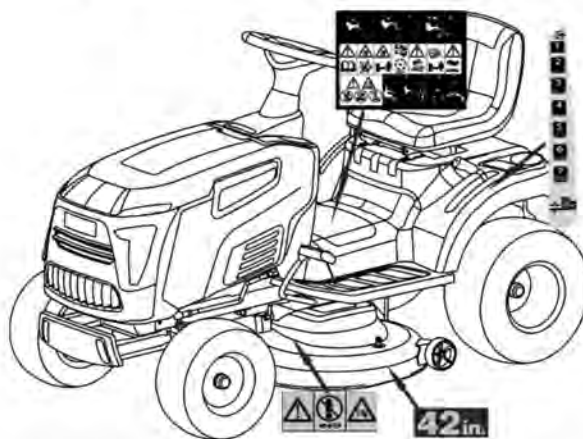
Your machine must be used with care. This is why labels with illustrations have been placed on the machine, to remind you of the main precautions to take during use. These labels are to be considered an integral part of the machine. Should a label come off or become illegible, contact your dealer to replace it. Their meaning is explained below.

SYMBOL	MEANING
	WARNING: Read the instructions before operating this machine.
	WARNING: Disconnect the ignition key and read the instructions before carrying out any repair or maintenance work.
	WARNING: No step on the deck or discharge guard. WARNING: Do Not Step.
	DANGER! EJECTED OBJECTS: Do not operate without the discharge guard or grass-catcher in place.
	DANGER! EJECTED OBJECTS: WARNING: Keep bystanders away.

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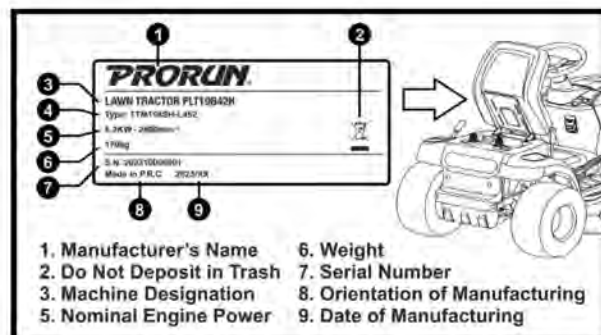
SYMBOL	MEANING
	WARNING: Never use pressure lances to wash the transmission system.
	DANGER! RISK OF BURNS: Wait for the engine to completely cool down before making any adjustments or servicing the engine itself.
	DANGER! Risk of overturning on steep gradients.
	WARNING: Never carry children.
	WARNING: Never carry children (continued).
	WARNING: Be careful when you operate the product rearward. Look behind and down for small children, animals or other risks that can cause you to fall.
	WARNING: KEEP HANDS and FEET AWAY.
	WARNING: Never open or remove shields.
	WARNING: BEWARE of THROWN OBJECTS.
	WARNING: Use approved hearing protection.
	WARNING: Do not use the machine on slope on slopes with longitudinal gradients greater than 15° (27%). WARNING: Do not use the machine on slope on slopes with lateral gradients greater than 10° (18%).

LABEL POSITION



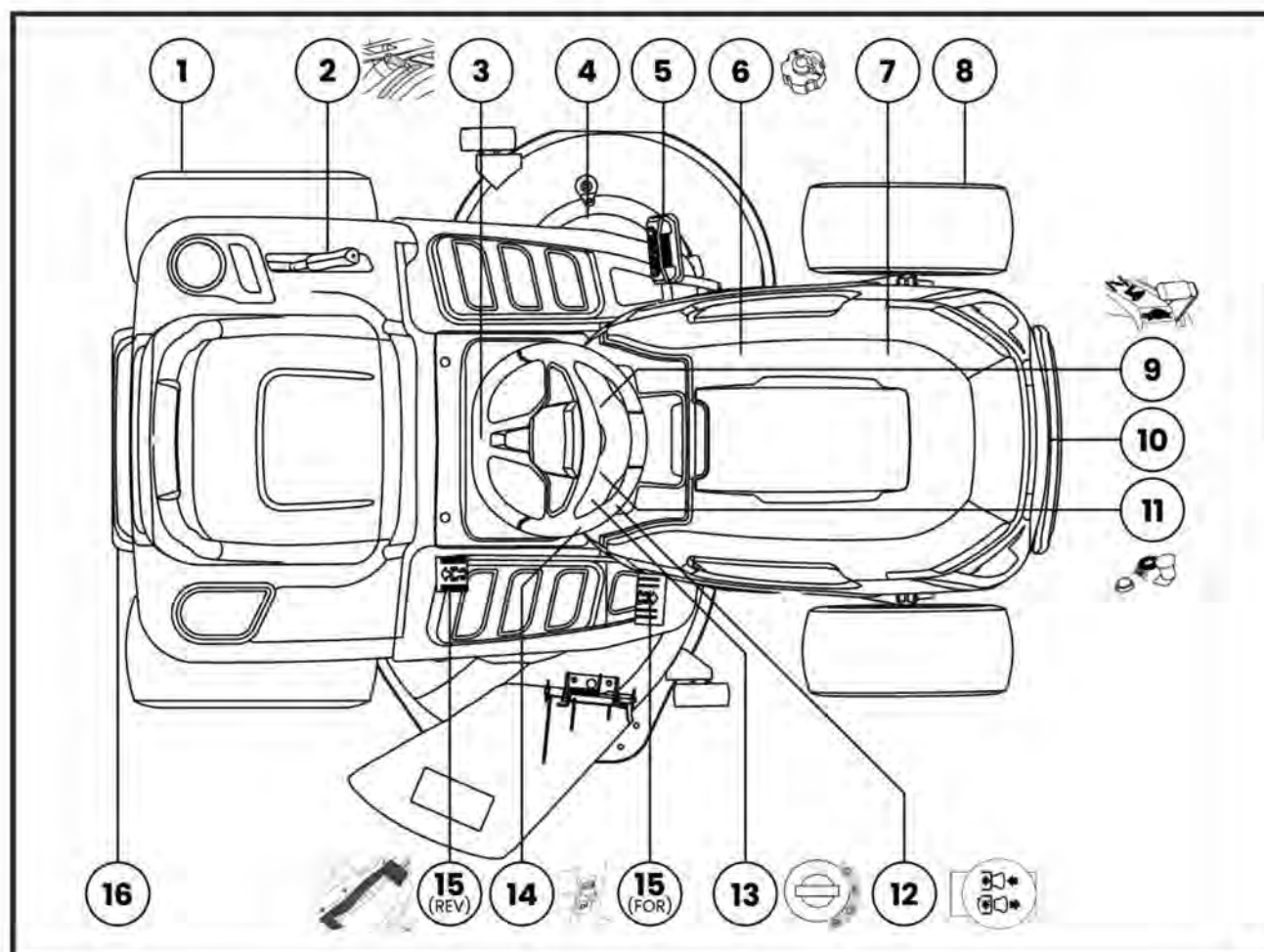
Any damaged or illegible decals must be replaced. Order replacement decals from a PRORUN-authorized service center.

Write the identification data of the machine on the back of the operator's manual for your records.



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IDENTIFICATION OF THE MAIN COMPONENTS



- | | |
|--|--|
| 1) Rear Wheels | 9) Throttle Lever |
| 2) Cutting Height Adjustment Lever | 10) Guard Plate |
| 3) Steering Wheel | 11) Reverse Mode Operation Button |
| 4) Deck | 12) Blade Start / Stop Knob |
| 5) Brake Pedal | 13) Key - Ignition Switch |
| 6) Fuel Cap / Fuel Shut Off Valve (under Engine Cover) | 14) Park Brake Lever |
| 7) Engine Cover | 15) Drive Engagement (F – N – R) |
| 8) Front Wheels | 16) Hydrostatic Transmission Disengagement |

6. SETUP

UNPACKING AND ASSEMBLY

OPENING THE PACKAGING:

THE MACHINE IS SHIPPED PARTIALLY DISMANTLED AND PACKAGED IN A CRATE TO PROTECT IT DURING TRANSPORT. THE PACKAGED MACHINE WILL APPEAR AS IN FIGURE 1A.

⚠ CAUTION!



WEAR HEAVY GLOVES.

1. Remove all shrink wrap and cut the plastic straps that surround the package.
2. Lift off the corrugated exterior cover assembly.
3. Remove the screws near the front of tractor's pallet (Fig 2A) and remove the wooden cross plank from the base pallet. (Fig 2B).

⚠ CAUTION!

TO PREVENT DAMAGING THE BLADE DECK AND BLADE, MOVE THE CUTTING DECK TO ITS MAXIMUM HEIGHT BEFORE DRIVING THE TRACTOR OFF THE WOODEN BASE PLATFORM.

Be careful when performing this delicate unpacking operation.

⚠ IMPORTANT!

ADD ENGINE OIL AND FUEL BEFORE PROCEEDING TO STEP 4 AND STARTING THE RIDER!

⚠ IMPORTANT!

BEFORE PROCEEDING TO STEP 4:

Follow instructions in the Operator's Manual to install the steering wheel and seat in section **MACHINE ASSEMBLY**.

Fig 1A



Fig 1B

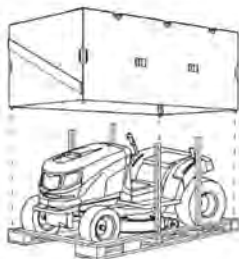


Fig 2A

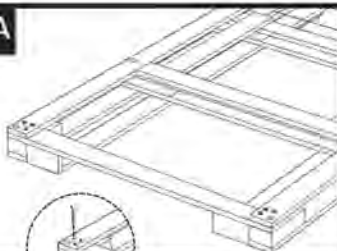


Fig 2B

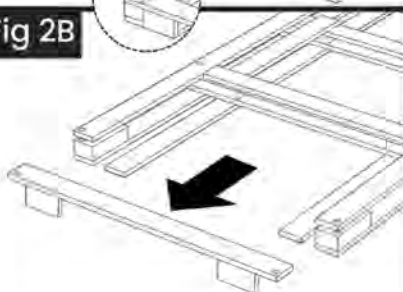


Fig 2C



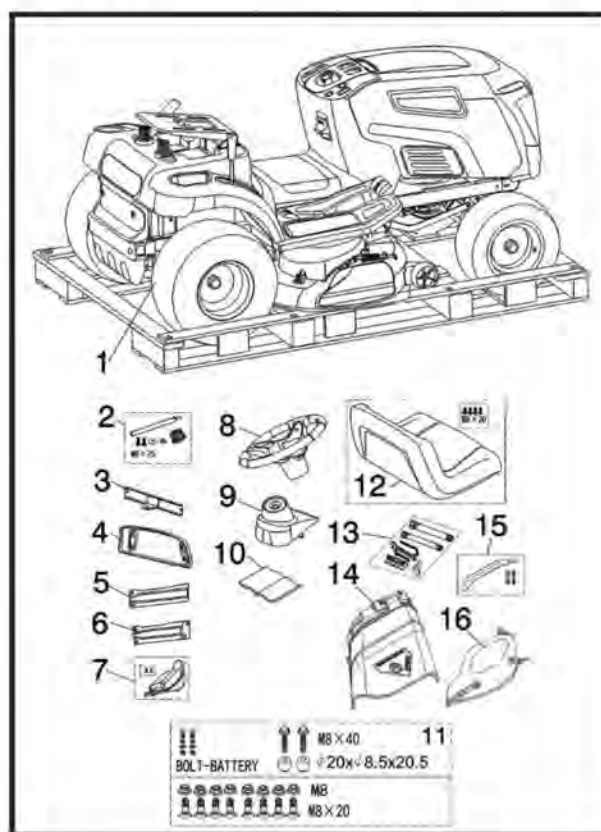
LAWN TRACTOR MODEL: PBLT1942SH

4. After installing the steering wheel and seat, and filling the tractor with gas and oil, increase the tractor's cutting deck height to its maximum level. See section **CUTTING HEIGHT ADJUSTMENT LEVER**
5. Follow the instructions in the section **TO START THE ENGINE** and carefully drive the tractor forward off the wooden base platform. (Fig 2C)

MACHINE PARTS

When unpacking the machine, take care to gather all individual parts and fittings, and do not damage the cutting deck when taking the machine off the pallet.

1. Machine
2. Steering connect shaft and Splined hub
3. Towing kit
4. Bumper
5. Bumper bracket L
6. Bumper bracket R
7. Steering wheel cover
8. Steering wheel
9. Steering shaft cover
10. Operator's manual
11. Nuts, bolts, washer, bushing
12. Seat
13. Tools and Starter key
14. Side deflector
15. Deck fixing plate
16. Mulching Kit



NOTE TO PREVENT DAMAGE TO THE CUTTING DECK, RAISE IT TO ITS MAXIMUM HEIGHT AND TAKE UTMOST CARE WHEN TAKING THE MACHINE OFF THE PALLET.

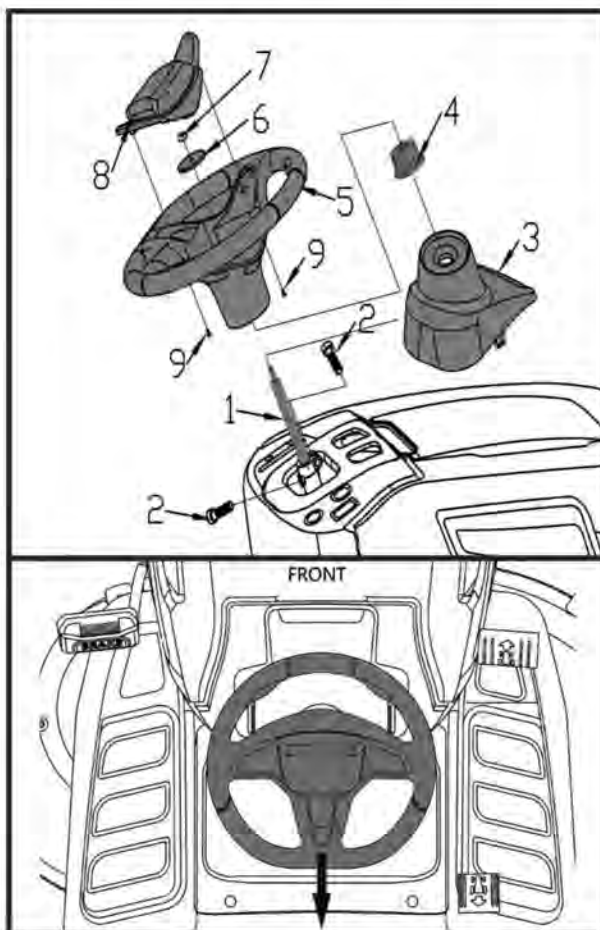
MACHINE ASSEMBLY

FITTING THE STEERING WHEEL

PUT THE MACHINE ON A FLAT SURFACE AND STRAIGHTEN UP THE FRONT WHEELS.

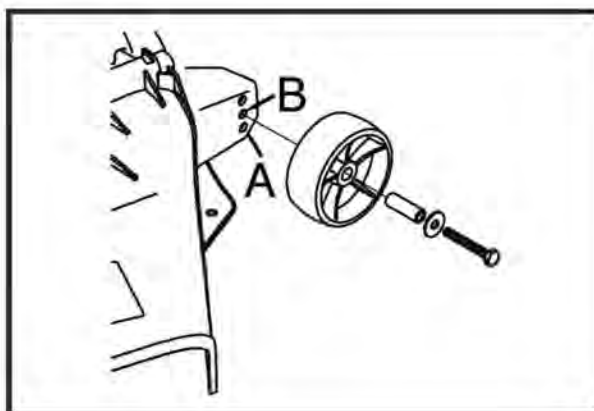
1. Fit the shaft (1) onto the couplings and tightening the screw M8x25 (2) (Use the open end wrench 8-10 in accessories tools).
2. Fit the steering shaft cover (3).
3. Inset the splined hub (4) to shaft (1), mounting steering wheel (5), spacer (6) and tightening nut M8 (7) (Use the open end wrench 13-15 in accessories tools).
4. Inset the steering wheel cover (8) into steering wheel and tighten two screws ST4.8x16 (9) (Use the Philips screwdriver in accessories tools).

NOTE PAY ATTENTION TO THE ORIENTATION OF THE PARTS WHEN MOUNTING THE STEERING WHEEL.



FITTING THE DECK WHEELS

1. Assemble the two Deck Wheels with the designated Pin, Lock Nuts, and Bolts as illustrated.



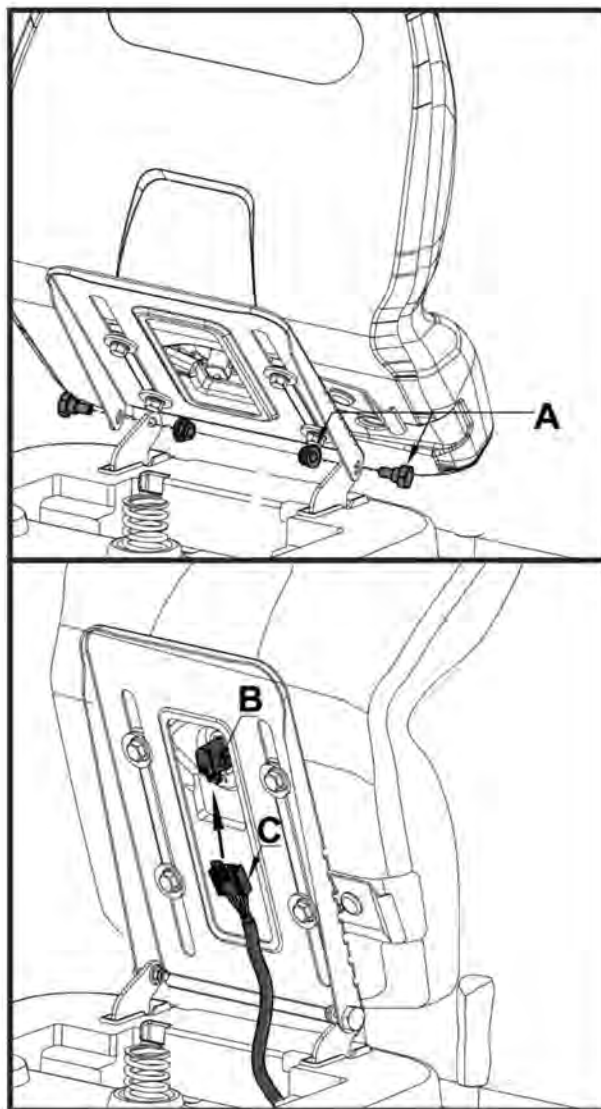
LAWN TRACTOR MODEL: PBLT1942SH

FITTING THE SEAT AND OPERATOR PRESENCE SWITCH

1. Unfasten the two M8 nuts and bolts (A) from the Seat Brackets located on top of the mower. (Use the 13-15 open-end wrench from the accessories tools kit)
2. Mount the Seat onto the Seat Brackets using the released two M8 nuts and bolts (A) as illustrated.
3. Connect the Wire Harness (C) to the Operator Presence Switch (D) located under the seat as illustrated.

NOTE BE SURE THAT THE CONNECTION IS COMPLETE.

NOTE THE OPERATOR'S MAXIMUM WEIGHT CAPACITY FOR THE SEAT MUST NOT EXCEED 102 KG (225 LBS.).



⚠ IMPORTANT! THE TOTAL WEIGHT (TRAILER AND LOAD, INCLUDING THE OPERATOR) MUST NOT EXCEED 136 KG (300 LBS.). See complete notes under regulations for towing.

CONNECTING THE BATTERY

⚠ HAZARD!  **SULFURIC ACID IS POISONOUS.**
The electrolytic fluid is a solution of sulfuric acid.

⚠ HAZARD!



SULFURIC ACID IS CORROSIVE.

Sulfuric acid can cause blindness or severe burns.

⚠ HAZARD!

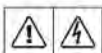


NEVER THROW THE BATTERY AWAY INTO THE ENVIRONMENT.

Follow local authorities' deposits methods when changing batteries.

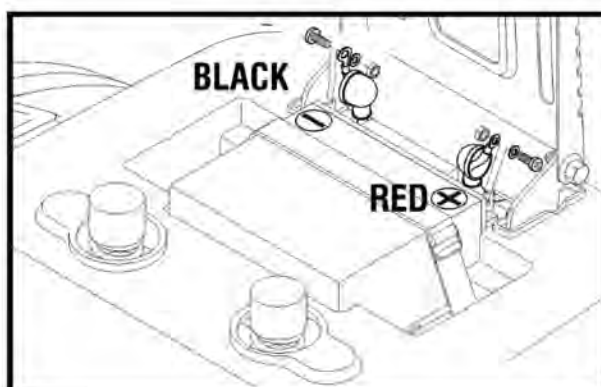
1. Fit the battery in its housing.

⚠ IMPORTANT!



POSITION THE BATTERY WITH THE POLARITIES ⊕ AND ⊖ AS INDICATED.

2. Connect the battery connectors to the machine connection leads and tighten the two screws, then cover the protective cap for the two wires in place. (Use the open-end wrench 8-10 and cross screwdriver in accessories tools)
3. Secure the battery with the small rubber strap.



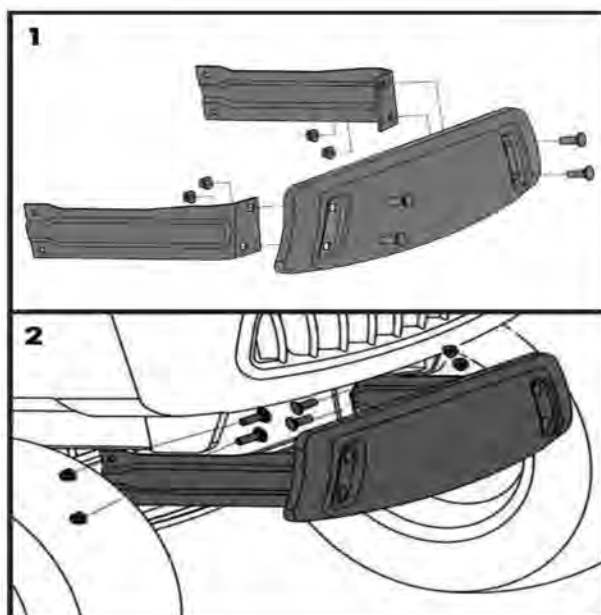
NOTE

THIS MACHINE USES 12V / 18AH BATTERY.

- THE BATTERY IS FULLY CHARGED BEFORE LEAVING THE FACTORY.
- IF THE BATTERY IS FOUND TO BE INSUFFICIENT, PLEASE USE A 12V 1A CHARGER TO CHARGE THE BATTERY.

MOUNTING THE FRONT BUMPER

1. Mount the bumper bracket Left and bumper bracket Right onto the main bumper using four M8 nuts and four M8 x 20 bolts.
2. Mount the front bumper on the bottom of the frame using the four M8 nuts and four M8 x 20 bolts.

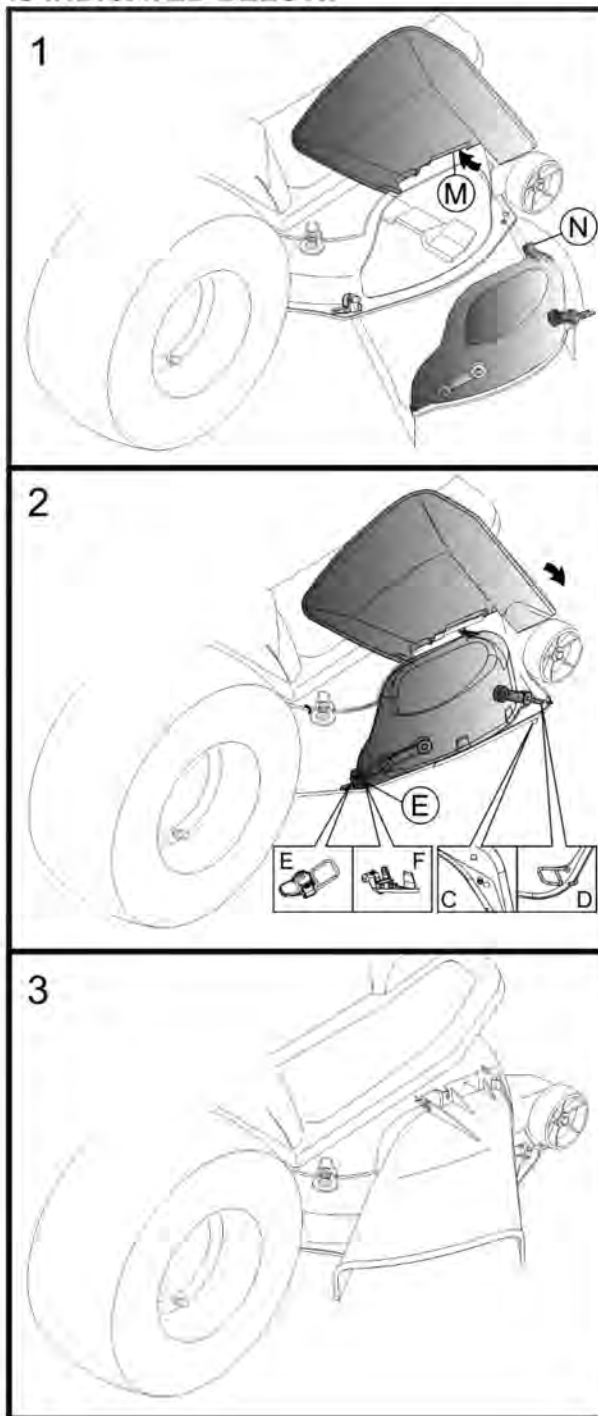


LAWN TRACTOR MODEL: PBLT1942SH

MOUNTING THE MULCHING KIT

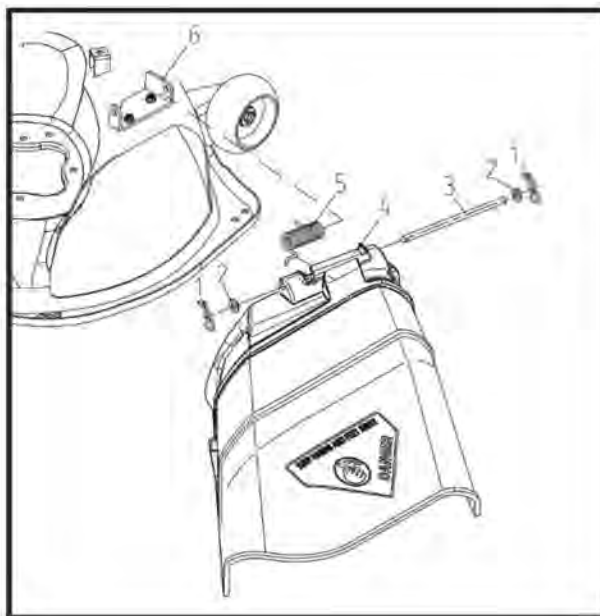
IF YOU DECIDE TO MOW, MULCH, AND LEAVE THE GRASS ON THE LAWN, ASSEMBLE THE MULCHING KIT ON THE CUTTING DECK AS INDICATED BELOW.

1. Open the side deflector up.
2. Pass the pivot boss (M) on the mulching kit under and through the bottom of the side deflector's pivot pin (N) (Figure 1).
3. Insert the right dowel pin into the hole of deck (Figure 2, Details C & D).
4. Insert the left dowel pin (Part E) into the self-locking base (Figure 3, Detail E).
5. Put down the side deflector (Figure 3).



MOUNTING THE SIDE DEFLECTOR

1. Insert the elastic pin (1) and washer (2) into the right end of the pin (3).
2. Insert the pin shaft into the side deflector (4), bracket (6) and torsion spring (5) in sequence and insert the washer (2) and elastic latch (1) at the other end.

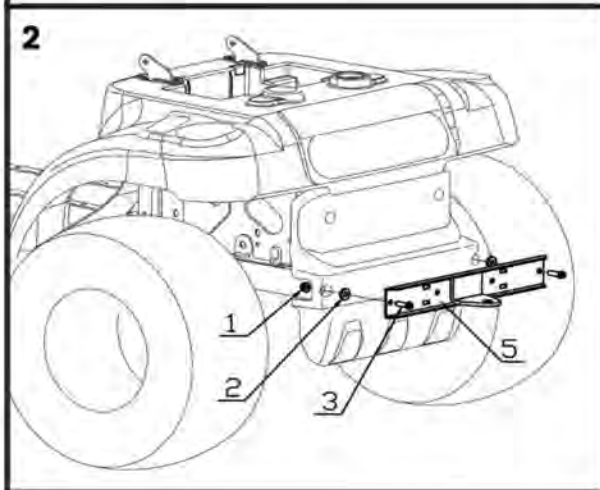
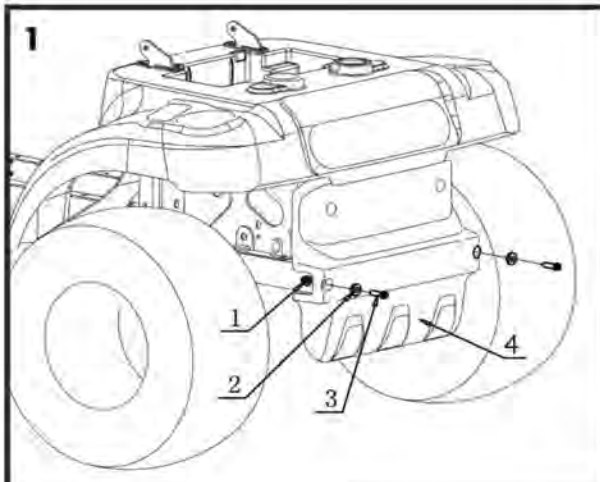


NOTE WHEN YOU NEED TO OPEN THE SIDE DEFLECTOR, PLEASE PRESS THE SELF-LOCKING BUTTON FIRST, AND DO NOT FORCE IT TO OPEN.

MOUNTING THE TOWING KIT

1. Remove the tension arm bushing (2), the hexagonal flange bolts M8 X 20 (3), and the hexagonal flange locking nuts M8 (1) that secures the gearbox cover (4).
2. Insert the bushing (2) into the two holes where the bolts were just removed, align the towing plate (5), and then install the hexagonal flange bolts M8 X 40 (3),
3. Remove the tension arm bushing (2), the hexagonal flange bolts M8 X 20 (3), and the hexagonal flange locking nuts M8 (1) that secured the gearbox cover (4).
4. Insert the bushing (2) into the two holes where the bolts were just removed, align the towing plate (5), and then install the hexagonal flange bolts M8 X 40 (3), hexagonal flange locking nut M8 (1), and then tighten the bolt.

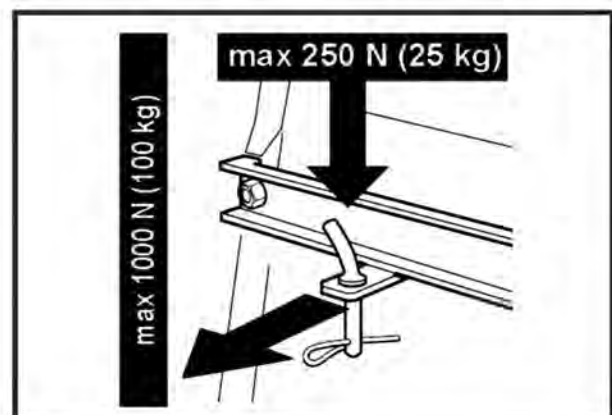
LAWN TRACTOR MODEL: PBLT1942SH



⚠ IMPORTANT! REGULATIONS FOR TOWING.

- THE TOTAL WEIGHT CAPACITY (TRAILER AND LOAD, INCLUDING THE OPERATOR) MUST NOT EXCEED 136 KG
- (300 LBS.) AND MUST NOT EXCEED A TONGUE WEIGHT (UP OR DOWN) OF 25 KG
- (55 LBS.) SEE ILLUSTRATION.

NOTE THE OPERATOR'S MAXIMUM WEIGHT CAPACITY FOR THE SEAT MUST NOT EXCEED 102 KG (225 LBS.).



NOTE THIS ACCESSORY IS TO BE FITTED FOLLOWING THE INSTRUCTIONS PROVIDED.

7. CONTROLS AND OPERATIONS

CHECKING THE FUEL AND OIL

⚠ IMPORTANT! ONLY THE PRELIMINARY MACHINE CONTROL FUNCTIONS ARE EXPLAINED IN THIS CHAPTER. TO ENABLE THE CONTROLS (SUBSEQUENTLY) REFER TO THE FOLLOWING CHAPTERS.

⚠ HAZARD! FILLING UP MUST BE DONE WITH THE ENGINE SWITCH OFF IN AN OPEN AND WELL-VENTILATED ENVIRONMENT.
Always remember that petrol fumes are highly flammable.

⚠ HAZARD! DO NOT USE OPEN FLAMES NEAR THE MOUTH OF THE TANK TO CHECK THE LEVEL, AND DO NOT SMOKE WHEN FILLING UP.

⚠ IMPORTANT! THE MACHINE IS SHIPPED WITHOUT LUBRICATING OIL IN THE ENGINE.

⚠ CAUTION! IRREPARABLE DAMAGE TO THE ENGINE:
Fill up with oil before starting the engine.

NOTE THE ENGINE MANUAL INDICATES WHAT TYPE OF OIL AND FUEL YOU CAN USE.

OIL:

1. Locate the machine on level ground.
2. With the engine off, check the oil level.
3. Use oil grade according to the instructions in the engine manual.
4. Fill between the MIN and MAX marks on the dipstick.

FUEL:

1. Refuel using a funnel, but do not completely fill the tank.
2. The tank's capacity is approximately 1.98 gallons (7.5 liters).
3. Before operating the mower, open the Fuel Shutt Off Valve on the fuel cap to **ON**.



⚠ IMPORTANT! DO NOT DRIP PETROL ONTO THE PLASTIC PARTS TO AVOID DAMAGING THEM. IN THE EVENT OF ACCIDENTAL SPILLS OR LEAKS, RINSE IMMEDIATELY WITH WATER.

The warranty does not cover damage to plastic parts of the bodywork, or the engine caused by petrol.

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NOTE KEEP THE PETROL IN A CONTAINER DESIGNED FOR THE PURPOSE AND WITH A CAP PROPERLY TIGHTENED.

CONTROLS AND CONTROL INSTRUMENTS

THROTTLE LEVER (9)

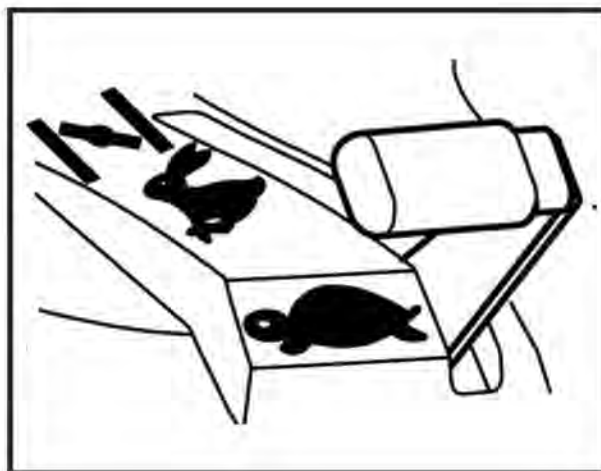
This lever regulates the engine's revs.

THE POSITIONS ARE INDICATED ON A LABEL SHOWING THE FOLLOWING SYMBOLS:

1. **CHOKE** position: Cold starting 
2. **SLOW** position: Engine minimum speed 

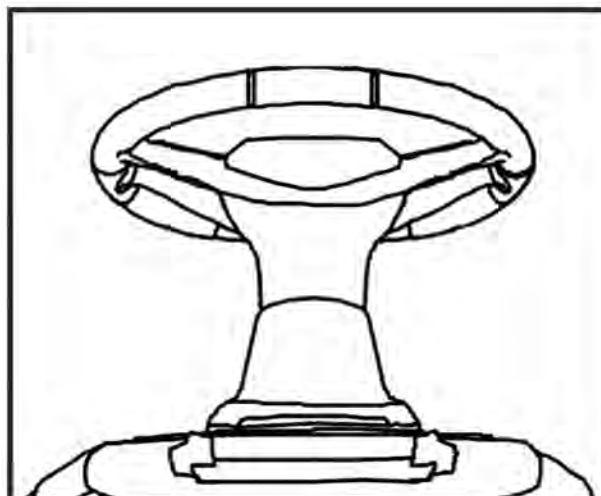
3. **FAST** position: Engine top speed 

- The **CHOKE** position enriches the air / gas mixture and is only necessary when starting a cold engine.
- When traveling from one area to another, position the lever between **SLOW** and **FAST**.
- When cutting lawns, position the lever at **FAST**.



STEERING WHEEL (3)

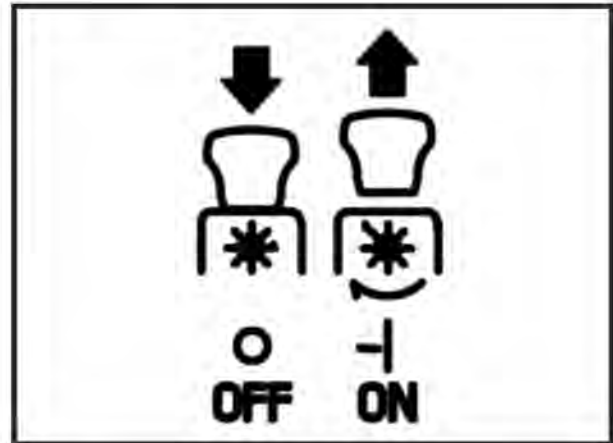
Directly steers the front wheels.



BLADE START/STOP KNOB (12)

The blade start/stop knob operates the electric clutch.

- The blade start/stop knob is located on the RH console in front of the key switch.
- Pull the knob upward to engage the blades or push the knob downward to disengage the blades.



IGNITION SWITCH (13)

This key operated control has four positions:

 **OFF** position: Everything is switched off.

 **ON** position: Activates all parts except the head light.

 **START** position: Makes electrical contact and engages the starter motor. If you release the key on **START**, it will automatically return to **ON**.

 This position powers the headlights.



BREAK PEDAL (5)

The brake pedal can be used for sudden stops or setting the parking brake.

- The brake pedal is located on the left front side of the board.

NOTE WHEN THE MACHINE IS MOVING, KEEP YOUR FOOT OFF THE BRAKE PEDAL.



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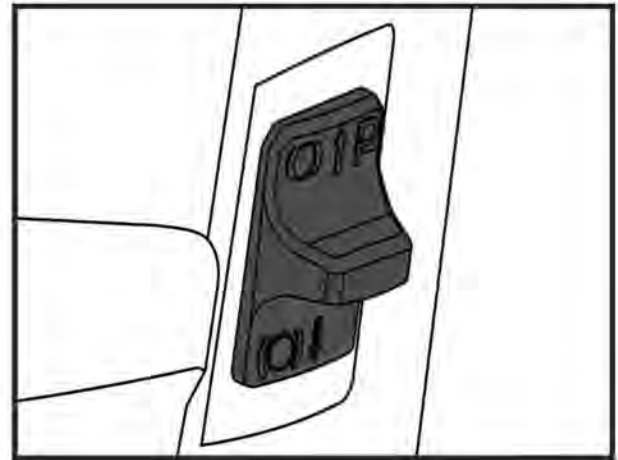
PARKING BRAKE LEVER (14)

ACTIVATE WITH THE MACHINE FULLY STOPPED:

1. Keep the brake pedal pressed.
2. Lift the parking brake lever and keep the lever lifted. The rear wheels will remain braked.

TO RELEASE THE PARKING BRAKE:

1. Fully press the brake pedal.
2. The parking brake lever is automatically released and returns to the down position.

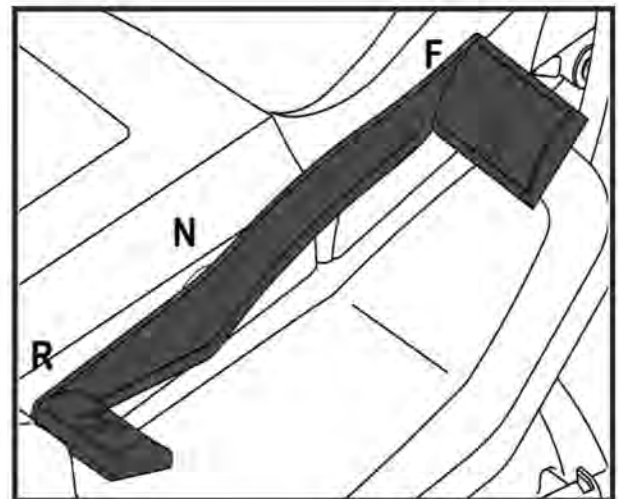


NOTE THE ENGINE SHALL ONLY START IF THE: THE OPERATOR IS IN POSITION, THE PARKING BRAKE IS APPLIED, AND THE TRACTION DRIVE AND CUTTING MEANS ARE DISENGAGED.

DRIVE ENGAGEMENT (15)

This pedal engages the wheels' drive as well as modulating the machine's forward and reverse speeds.

1. To engage the FORWARD drive, press the pedal towards **(F)** with your toe. As the pressure on the pedal increases the speed of the machine will increase.
2. The REVERSE drive is engaged by pressing the pedal with your heel towards **(R)**. As the pressure on the pedal increases the speed of the machine will increase.
3. The pedal automatically returns into NEUTRAL **(N)** when released.



⚠ WARNING! THE REVERSE MUST ONLY BE ENGAGED WHEN THE MACHINE IS STOPPED.

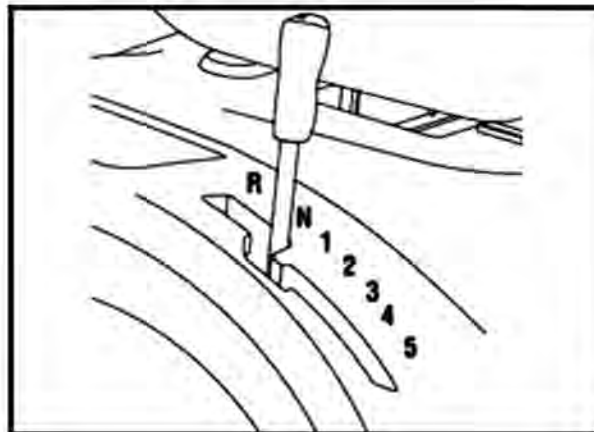
Make sure the parking brake has been released before driving the mower.

CUTTING HEIGHT ADJUSTMENT LEVER (2)

This lever adjust the blade cutting deck height.

- There are seven positions for this lever (shown as «1» to «7» on the label), which correspond to various heights between 1.18 to 3.54 inches (30 and 90 mm).

⚠ WARNING! LOWER CUTTING HEIGHT SETTINGS HAS MORE POTENTIAL FOR SCALPING ESPECIALLY ON UNEVEN TERRAINS.

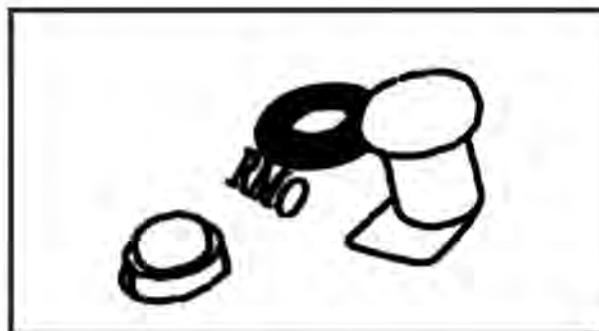


REVERSE MODE OPERATION BUTTON (RMO) (11)

The RMO button engages the rotation of the blades when traveling in REVERSE.

THE REVERSE MODE OPERATION (RMO) KNOB IS LOCATED ON THE RH CONSOLE TO THE LEFT OF THE BLADE START / STOP KNOB.

- The cutting blades will automatically disengage their rotations when the machine travels in REVERSE.
- To mow when in REVERSE, press the RMO button to reengage the blades.



NOTE WHEN TRAVELING IN REVERSE THE BLADES' ROTATION WILL STOP.

NOTE MOWING IN REVERSE IS NOT RECOMMENDED.

SAFETY RECOMONDATIONS

⚠ DANGER! THE MACHINE MUST ONLY BE USED FOR THE PURPOSE FOR WHICH IT WAS DESIGNED (CUTTING GRASS).

Do not tamper with or remove the safety devices fitted on the machine.

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NOTE REMEMBER THAT THE USER IS ALWAYS RESPONSIBLE FOR DAMAGE AND INJURY TO OTHERS.

BEFORE USING THE MACHINE :

1. Read the general safety regulations, paying particular attention to driving and cutting slopes.
2. Carefully read the instructions for use. Make sure you are familiar with the controls and know how to stop the blades and the engine quickly.
3. Never put your hands or feet next to or beneath the rotating parts and always keep away from the exit.
4. Do not use the machine when in a precarious state of health or under the effect of medicine or any other substances that can reduce your reflex actions and your ability to concentrate. It is the user's responsibility to assess the potential risk of the area where work is to be carried out, and to take all the necessary precautions to ensure his own safety and that of others, particularly on slopes or rough, slippery, and unstable ground.
5. Do not leave the machine on high grass with the engine running to avoid the risk of starting a fire.
6. Do not use the machine without the side deflector in place.

⚠ WARNING! DO NOT USE THE MACHINE ON LAWNS WITH GRADIENTS OF MORE THAN 15° (27%). DO NOT USE THE MACHINE ON LAWNS WITH SIDE GRADIENTS ABOVE 10° (18%).

NOTE IF THE MACHINE IS LIKELY TO BE USED MOSTLY ON SLOPING GROUND FIT COUNTERWEIGHTS BENEATH THE CROSS-MEMBER OF THE FRONT WHEELS. These improve stability at the front and reduce the chances of tipping over. Contact PRORUN Customer Service for additional information.

⚠ IMPORTANT! ALL THE REFERENCES RELATING TO THE POSITIONS OF CONTROLS ARE DESCRIBED IN CONTROLS AND INSTRUMENTS.

WHY THE SAFETY DEVICES CUT IN

THE SAFETY DEVICES WORK IN TWO WAYS:

1. They prevent the engine from starting if all the safety requirements have not been met.
2. The safety devices stop the engine if any of the safety requirements is not met.
 - a) To start the engine, it is necessary that:
 - The blades are not engaged.
 - The parking brake is engaged, and the transmission is disengaged.
 - The operator sits on the seat.
 - b) The engine stops when:
 - The operator leaves his seat while mowing or driving.

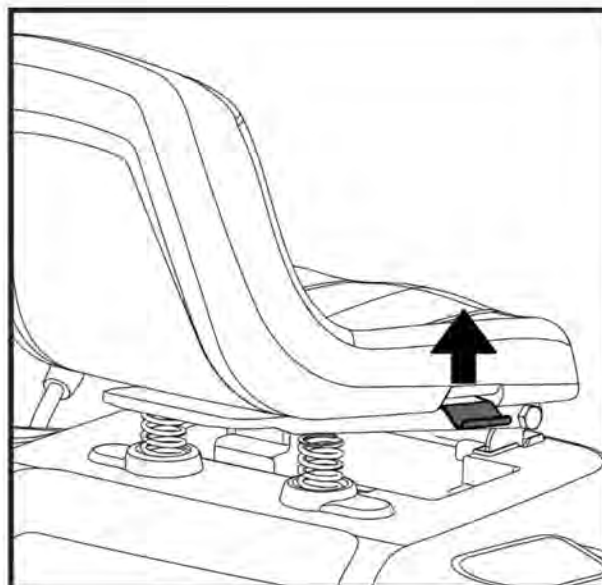
DIRECTIONS BEFORE STARTING WORK

BEFORE STARTING TO MOW, IT IS NECESSARY TO CARRY OUT THE FOLLOWING CHECKS AND OPERATIONS TO ENSURE YOU CAN WORK EFFICIENTLY AND IN MAXIMUM SAFETY.

CHECK THE SEAT ADJUSTMENT

1. To adjust the position of the seat lift the seat adjustment lever up.
2. Slide the seat forward or backward to the desired position.
3. Release the seat adjustment lever.

NOTE MAKE SURE THE SEAT IS LOCKED INTO POSITION BEFORE OPERATING THE TRACTOR.



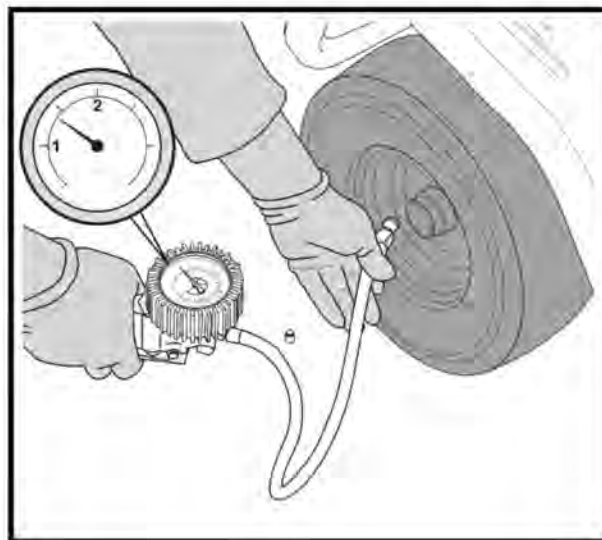
CHECK THE TIRE PRESSURE

- Having the right tire pressure is the primary condition for ensuring that the cutting deck is horizontal and mows evenly.
- Unscrew the valve caps and connect a compressed air line with a gauge to the valves.

TIRE PRESSURES:

FRONT: 1.2 bar / 17.4 PSI (15 x 6.0-6)

REAR: 1.0 bar / 14.5 PSI (18 x 8.5-8)



CHECKING MACHINE SAFETY AND EFFICIENCY

1. Check that the safety devices function as described.
2. Check that the brake is in perfect working order.
3. Do not start mowing if the blades vibrate or if you are unsure whether they are sharp enough.

LAWN TRACTOR MODEL: PBLT1942SH

ALWAYS REMEMBER THAT:

1. A badly sharpened blade pulls at the grass and causes the lawn to turn yellow.
2. A loose blade causes unwanted vibrations and can be dangerous.

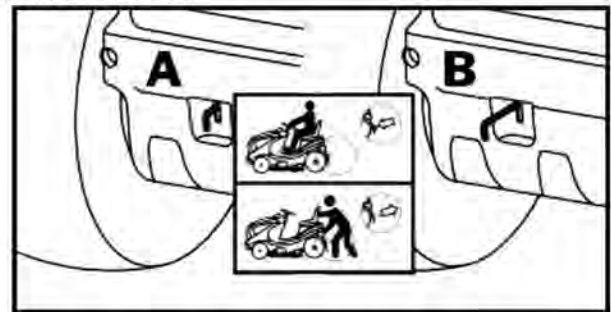
⚠ WARNING! DO NOT USE THE MACHINE IF YOU ARE UNSURE WHETHER IT IS WORKING SAFELY OR EFFICIENTLY.

If in doubt, contact your authorized service provider immediately to make the necessary checks and repairs.

HYDROSTATIC TRANSMISSION DISENGAGEMENT LEVER

THIS LEVER HAS TWO POSITIONS AS SHOWN ON THE LABEL:

- «A» = Transmission engaged: for all functions during cutting and transporting while the engine is ON.
- «B» = Transmission disengaged: for moving the machine by hand by allowing wheel rotation while the engine is OFF.



OPERATIONS STARTING

⚠ DANGER! ALWAYS REMEMBER THAT EXHAUST GASES ARE TOXIC!
The engine must be started in an open or well-ventilated area!

⚠ IMPORTANT! THE CHOKE MUST BE OPENED AS SOON AS THE ENGINE IS RUNNING SMOOTHLY.

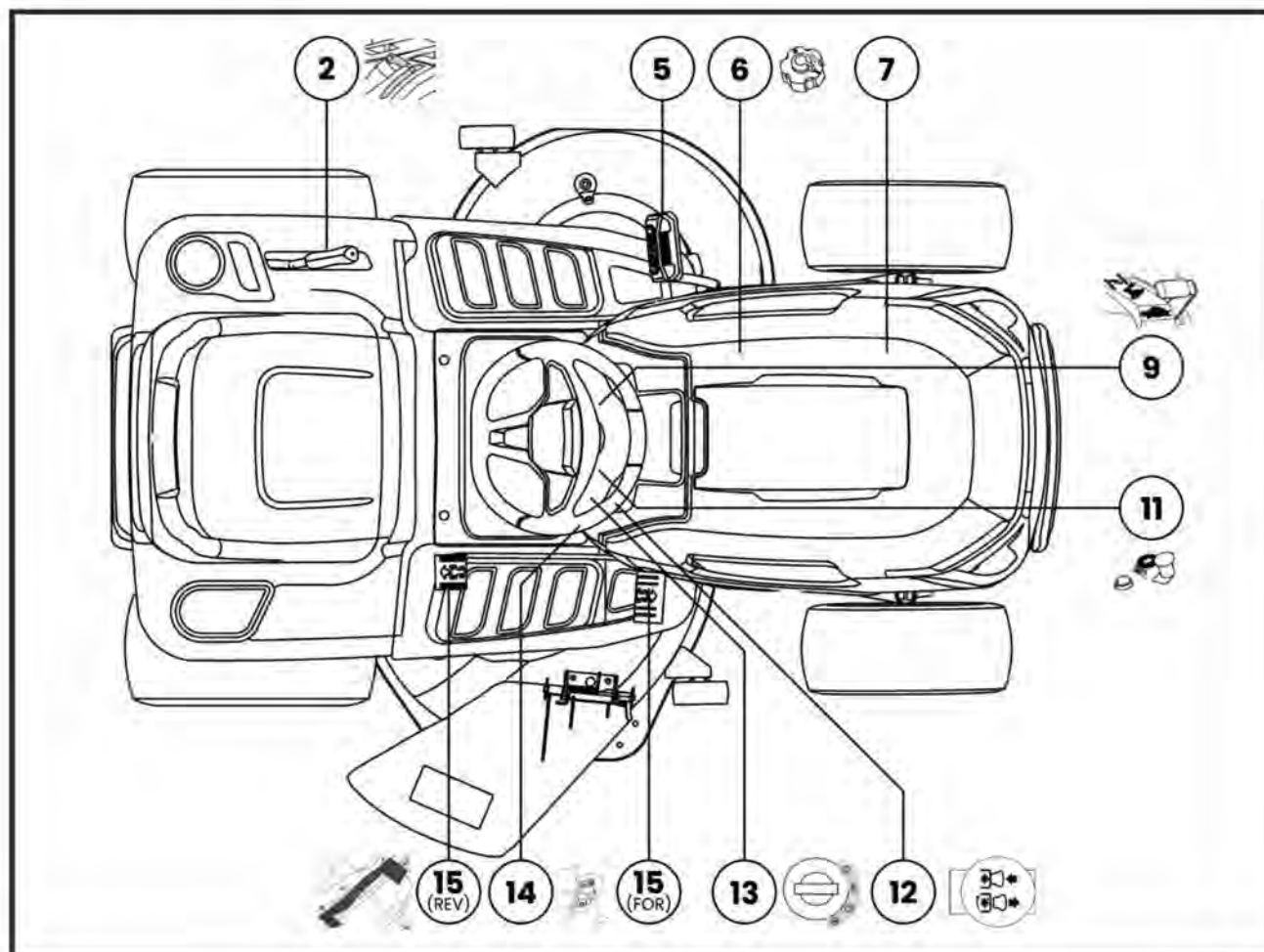
Using it when the engine is already warm can foul the spark plugs and cause the engine to run erratically.

NOTE IF THERE ARE ENGINE STARTING PROBLEMS, DO NOT PERSIST AS YOU CAN RISK RUNNING THE BATTERY FLAT AND FLOODING THE ENGINE.

Turn the key to the OFF position, wait a few seconds, and then repeat the operation. If the malfunction persists, refer to the engine manual.

⚠ IMPORTANT! ALWAYS BEAR IN MIND THAT THE SAFETY DEVICES PREVENT THE ENGINE FROM STARTING IF SAFETY REQUIREMENTS HAVE NOT BEEN MET.

In these cases, once the situation has been corrected, the key must first be turned back to the OFF position before the engine can be restarted.



TO START THE ENGINE:

1. Open the **Fuel Shut Off Valve** on **Fuel Cap** (6) to **ON**.
2. Close the **Engine Cover** (7).
3. Use **Cutting Height Adjustment Lever** (2) to lift the cutting deck as high as possible.
4. Use **Blade Start / Stop Knob** (12) and disengage the blades.
5. Shift the **Drive Engagement** (15) to neutral **N**.
6. Depress the **Brake Pedal** (5) and then engage the **Park Brake Lever** (14).
7. When starting from cold, move the **Throttle Lever** (9) to the **CHOKE** position shown on the label.
8. If the engine is already warm, position the **Throttle Lever** (9) between **SLOW** and **FAST**.
9. Put in the **Ignition Key** (13) and turn to **ON** to make electrical contact and engage the starter motor, then turn to **START** to start the engine.
10. Release the **Ignition Key** (13) once the engine has started.
11. After the engine has started, move the **Throttle Lever** (8) to **SLOW**.

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TRANSPORTING WITHOUT MOWING

⚠ WARNING! THIS MACHINE HAS NOT BEEN APPROVED FOR USE ON PUBLIC ROADS.

It must be used (as indicated by the highway code) in private areas that are closed to traffic.

NOTE WHEN MOVING THE MACHINE, THE BLADES MUST BE DISENGAGED, AND THE CUTTING DECK RAISED AS HIGH AS POSSIBLE. (POSITION 7):

1. Use **Blade Start / Stop Knob** (12) and disengage the blades.
2. Use **Cutting Height Adjustment Lever** (2) to lift the cutting deck as high as possible (position 7).
3. Position the **Throttle Lever** (9) between **SLOW** and **FAST**.
4. Disengage the **Parking Brake** and release the **Brake Pedal**. Press the **Drive Pedal** in direction **F** (Forward) and reach the required speed by gradually increasing pressure on the pedal and working the throttle.
5. Gradually reach the desired speed using the **Throttle Lever** (9).

⚠ WARNING! THE BRAKE PEDAL (5) MUST BE RELEASED GRADUALLY AS A SUDDEN ENGAGEMENT MAY CAUSE THE MACHINE TO TIP OVER AND THE DRIVER TO LOSE CONTROL.

BRAKING

1. First, reduce the speed of the machine by using the **Throttle Lever** (9).
2. Next, push the **Brake Pedal** (5) down to lower the speed even more until the machine stops.

REVERSE

⚠ IMPORTANT! REVERSE MUST BE ENGAGED ONLY WHEN THE MACHINE HAS STOPPED COMPLETELY.

1. Press the **Brake Pedal** (5) until the machine comes to a complete stop.
2. When the machine is completely stopped, start the reverse movement by pressing the **Drive Engagement** (15) to reverse **R** direction.

GRASS CUTTING TO START CUTTING:

1. Move the **Throttle Lever** (9) to **FAST**.
2. Raise the **Height Adjustment Lever** (2) as high as possible (position 7).
3. Use **Blade Start / Stop Knob** (12) and engage the blades.

4. Start moving forwards on the grass by utilizing the **Drive Engagement** (15) very slowly and with utmost caution, as already described.
5. Regulate the cutting height and speed while considering the conditions of the height, density, and dampness of the grass.

⚠ WARNING! WHEN CUTTING ON SLOPING GROUND, REDUCE YOUR SPEED TO ENSURE SAFE CONDITIONS.

1. Whatever the conditions, always reduce the speed if you notice a drop in engine speed.
2. If you travel too fast compared to the amount of grass being cut, you will not be able to mow the grass well.
3. Disengage the blades and raise the cutting deck as high as possible whenever you need to get past an obstacle.

⚠ IMPORTANT! THIS MACHINE HAS NOT BEEN APPROVED FOR MOWING WHEN DRIVING IN REVERSE.

1. The blades will stop when the machine is placed in reverse by pressing the **Drive Engagement** (15) to reverse **R**.
2. Press the **Reverse Mode Operation Button (RMO)** (11) (right of the steering wheel) to override and keep the blades rotating when the mower is moving in reverse **R**.

OPERATING TIMES AND DAYS

The time of operation of the lawnmower could be regulated by specific national or local laws. Contact the local authorities for more information.

END OF MOWING

WHEN YOU HAVE FINISHED MOWING:

1. Use the **Blade Start / Stop Knob** (12) and disengage the blades
2. Use the **Throttle Lever** (9) to lower the engine speed.
3. Raise the **Height Adjustment Lever** (2) as high as possible (position 7).
4. Drive the machine to your destination.

END OF WORK

1. Bring the machine to a complete stop.
2. Move the **Throttle Lever** (9) to **SLOW** and turn off the engine by turning the **Key Ignition Switch** (13) to **OFF**.
3. Engage **Park Brake Lever** (14).
4. When the engine has stopped, rotate the **Fuel Shut Off Valve** on the **Fuel Cap** (6) to closed **OFF**.
5. Remove the **Ignition Key** (13)

⚠ WARNING! TO AVOID BACKFIRE, POSITION THE THROTTLE LEVER (9) TO SLOW FOR 20 SECONDS BEFORE STOPPING THE ENGINE.

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⚠ WARNING! ALWAYS REMOVE THE IGNITION KEY (13) BEFORE LEAVING THE MACHINE UNATTENDED!

To keep the battery charged, do not leave the IGNITION KEY (13) in the ON position when the engine is not running.

CLEANING THE MACHINE

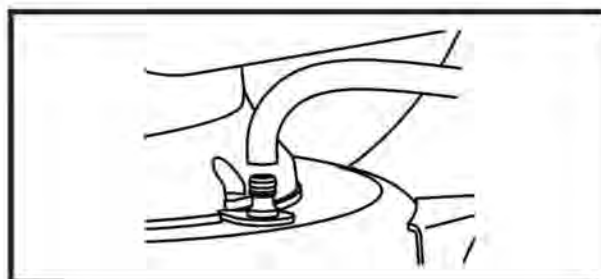
1. After use, clean the outside of the machine, empty the discharge chute, and shake it to remove grass and other debris.
2. Clean the plastic parts of the body with a damp sponge using water and detergent, taking care not to wet the engine, the electrical parts or the electronic circuit board located under the dashboard.

⚠ IMPORTANT!   NEVER USE HOSE NOZZLES OR HARSH DETERGENTS TO CLEAN THE BODYWORK OR THE ENGINE!

WHEN WASHING THE INSIDE OF THE CUTTING DECK, THE MACHINE MUST BE ON FIRM GROUND WITH:

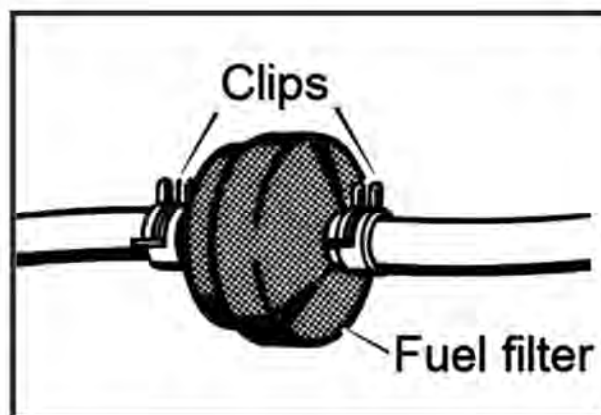
- The discharge chute fitted.
- The operator seated.
- The engine is running.
- The transmission in neutral **N**.
- The blades engaged.

1. Connect a water hose to each of the pipe fittings one at a time and run water through each one for a few minutes, with the blades moving.
2. When washing, the cutting deck should be in the lowest position.



STORAGE AND INACTIVITY FOR LONG PERIODS

1. If you intend to not use the machine for a long period (more than 1 month), disconnect the battery cables and follow the instructions in the engine instruction manual.
2. Empty the fuel tank by disconnecting the tube situated at the inlet of the fuel filter and follow the instructions in the engine manual.



⚠ WARNING! CAREFULLY REMOVE ANY DRY GRASS CUTTINGS WHICH MAY HAVE COLLECTED AROUND THE ENGINE OR SILENCER TO PREVENT THEIR CATCHING FIRE THE NEXT TIME THE MACHINE IS USED!

Put the machine away in a dry, sheltered place and preferably covered with a cloth.

⚠ IMPORTANT! THE BATTERY MUST BE KEPT IN A COOL AND DRY PLACE. BEFORE A LONG STORAGE PERIOD (MORE THAN 1 MONTH), ALWAYS CHARGE THE BATTERY, AND THEN RECHARGE BEFORE USING AGAIN.

The next time the machine is used, check that there are no fuel leaks from the tubes, fuel shut off valve or carburetor.

⚠ IMPORTANT! THE BLADES ARE SHARP, RISK OF A SERIOUS INJURY!

Before carrying out any inspection, cleaning, and repair operations on the cutting parts, stop the engine and take out the ignition key.

Next, disconnect the spark plug wire and keep the cap away from the plug to prevent accidental starting.

SUMMARY OF MAIN STEPS TO FOLLOW WHEN USING THE MACHINE

TO...	YOU MUST...
Start the engine	Open the fuel shut off valve, ensure that all the conditions allowing starting are met, and then turn the key.
Go forward	Push the brake pedal down, engage the gear and then gradually release the brake pedal.
Brake or stop	Reduce the engine speed and press the brake pedal.
Reverse	Stop the machine; put it into neutral, push the brake pedal right down, engage reverse, and then gradually release the brake pedal.
Cut the grass	Fit the discharge chute; apply the throttle; engage the blades; adjust the cutting height, push the brake pedal down, engage the gear and then gradually release the pedal.
Finish mowing	Disengage the blades and reduce the engine speed.
Stop the engine	Reduce the engine speed, wait a few seconds, turn the ignition key and close the fuel shut off valve.
Store the machine	Engage the parking brake, remove the key and, if necessary, wash the machine, the inside of the cutting deck.

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USING ON SLOPING GROUND

⚠ WARNING!     **DO NOT USE THE MACHINE ON SLOPES ON SLOPES WITH LONGITUDINAL GRADIENTS GREATER THAN 15° (27%).**

⚠ DANGER!    **RISK OF OVERTURNING ON STEEP GRADIENTS.**

1. Only mow on slopes with gradients up to the maximum already mentioned.
2. Lawns on a slope must be mowed moving up and down and never across them.
3. When changing direction, take great care that the wheels facing up the slope do not hit any obstacles (such as stones, branches, roots, etc.) that may cause the machine to slide sideways, tip over or make you lose control.

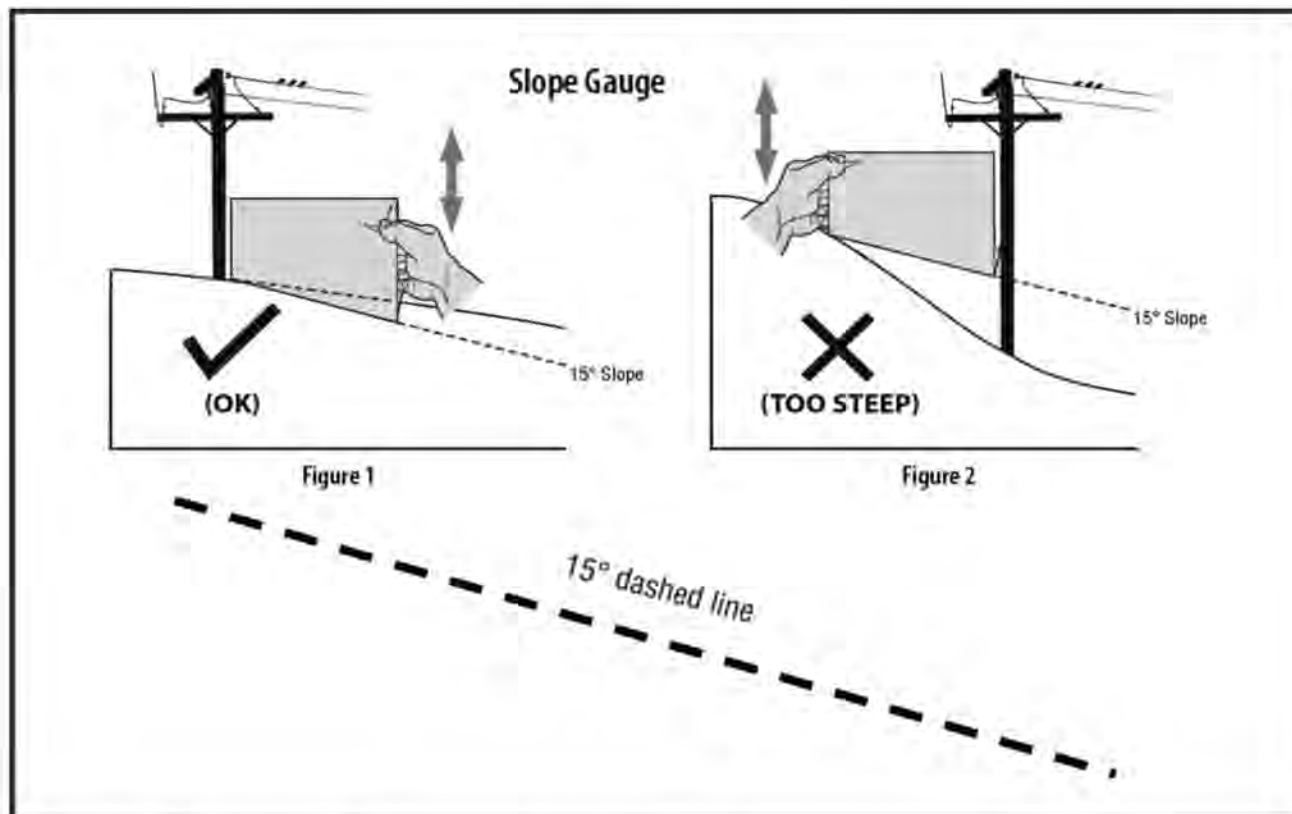
⚠ DANGER! **REDUCE SPEED BEFORE ANY CHANGE OF DIRECTION ON SLOPES!**
Always engage the Park Brake Lever (14) before leaving the machine at a standstill and unattended.

⚠ WARNING! **START MOVING FORWARDS VERY CAREFULLY ON SLOPING GROUND TO PREVENT THE RISK OF TIPPING OVER.**
Reduce the forward speed before going on a slope, particularly downhill.

⚠ DANGER! **NEVER USE REVERSE R TO REDUCE SPEED GOING DOWNHILL.**
This could cause you to lose control of the vehicle, especially on slippery ground.

⚠ DANGER! **NEVER RIDE THE MACHINE ON SLOPES IN NEUTRAL GEAR OR WITH THE CLUTCH OUT!**
Always engage in low gear before leaving the machine stopped and unattended.

USE THIS SLOPE GAUGE TO DETERMINE IF A SLOPE IS TOO STEEP FOR SAFE OPERATION!



TO CHECK THE SLOPE, PROCEED AS FOLLOWS:

1. Remove this page and fold along the dashed line.
2. Locate a vertical object on or behind the slope (e.g., a pole, building, fence, tree, etc.).
3. Align either side of the slope gauge with the object (see Figure 1 and Figure 2).
4. Adjust gauge up or down until the left corner touches the slope (see Figure 1 and Figure 2). If there is a gap below the gauge, the slope is too steep for safe operation (see Figure 2 above).

⚠ WARNING! SLOPES ARE A MAJOR FACTOR RELATED TO TIP-OVER AND ACCIDENTS WHICH CAN RESULT INJURY OR DEATH.

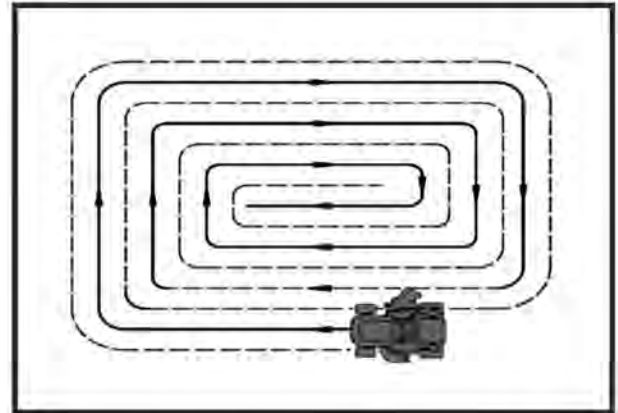
Do not operate machine on slope in excess of 15° (27%), all slopes require extra caution.

LAWN MAINTENANCE

1. To keep a lawn green, soft, and attractive, it should be cut regularly without damaging the grass. A lawn can be composed of different types of grass. If the lawn is cut frequently, grass and roots grow more vigorously, forming a solid grassy bed. If the lawn is cut less frequently, higher grass and weeds start growing (plus daisies and clovers, etc.).
2. It is always better to cut the grass when dry.

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3. The blades must be in good condition and well sharpened so that the grass is cut straight without a ragged edge that leads to yellowing at the ends.
4. The engine must run at full speed, both to ensure a sharp cut of the grass and to get the necessary thrust to push the cuttings through the collector channel.
5. The frequency of mowing should be in relation to the rate of growth of the grass. The grass should not be left to grow too much between one cut and the next.
6. During hot and dry periods, the grass should be cut a little higher to prevent the ground from drying out.
7. The best height of the grass on a well-kept lawn is approx. 4-5 cm. With one cut, you do not need to remove more than a third of the total height. If the grass is very tall, it should be cut twice in a twenty-four-hour period – the first time with the blades at maximum height, possibly reducing the cutting width, and the second cut at the desired height.
8. When you mow large areas, start by turning to the right so that the cut grass will discharge away from shrubs, fences, driveways, etc. After one or two rounds, mow in the opposite direction making left turns until finished.
9. The appearance of the lawn will improve if you alternate cutting in both directions.
10. If the collector system tends to get blocked with grass; you should reduce the forward speed as it may be too high for the condition of the grass. If the problem persists, the probable causes are either badly sharpened blades or deformed wings.
11. Be very careful when mowing near bushes or curbs as these could distort the horizontal position of the cutting deck and damage its edge as well as the blades.



8. MAINTENANCE

SAFETY RECOMMENDATIONS

⚠ WARNING! BEFORE CLEANING OR DOING MAINTENANCE WORK, TAKE OUT THE IGNITION KEY AND READ THE RELEVANT INSTRUCTIONS.

Wear adequate clothing and work gloves whenever your hands are at risk.

⚠ WARNING! NEVER USE THE MACHINE WITH WORN OR DAMAGED PARTS. FAULTY OR WORN-OUT PARTS MUST ALWAYS BE REPLACED AND NOT REPAIRED.

Only use original spare parts.

Parts that are not of the same quality can damage the equipment and affect your safety and that of others.

▲ IMPORTANT! NEVER DISPOSE OF USED OIL, FUEL, BATTERIES, OR OTHER POLLUTANTS IN UNAUTHORIZED PLACES!

OPERATION	HOURS	COMPLETED (DATE OR TIME)							
1. MACHINE									
1.1 Check engine oil	Before each use								
1.2 Tires pressure check	Before each use								
1.3 Safety checks and controls	Before each use								
1.4 Check damage on products	Before each use								
1.5 Cleaning product	After each use								
1.7 Check fasteners and sharpness blades	Each 25 hours								
1.8 Check transmission belt	Each 25 hours								
1.9 Check blade belt	Each 25 hours								
1.10 Bolt and screw check	Each 25 hours								
1.11 General Lubrication (3)	Each 25 hours								
1.12 Blade replacement	Each 100 hours								
1.13 Maintenance review (made by Authorized Dealer or Service Center	Every year								

OPERATION		HOURS	COMPLETED (DATE OR TIME)							
2. MACHINE										
2.1 First Oil change	Each 20 hours									
2.2 Engine oil change	Each 50 hours									
2.3 Air filter cleaning	Each 50 hours									
2.4 Check and adjust Spark Plug	Each 100 hours									
2.5 Fuel tank and fuel filters cleaning	Each 100 hours									
2.6 Air filter replacement	Every year									
2.7 Spark plug replacement	Every year									

The above table is here to help you maintain your machine's safety and performance. It shows the main maintenance and lubrication operations and their frequency. Use the boxes to the right to write the date or how many operating hours the work was carried out after.

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⚠ WARNING! ALL CHECKS, ADJUSTMENTS AND REPLACEMENTS NOT DESCRIBED IN THIS MANUAL MUST BE CARRIED OUT BY YOUR DEALER OR AN AUTHORIZED SERVICE CENTER.

Both have the necessary knowledge and tools to ensure that the work is carried out correctly without affecting the safety of the machine.

ENGINE

⚠ IMPORTANT! FOLLOW ALL THE INSTRUCTIONS IN THE ENGINE MANUAL.

NOTE TO EMPTY THE ENGINE OIL, UNSCREW THE OIL PLUG WHEN REFITTING THE PLUG, MAKE SURE THE SEAL IS POSITIONED CORRECTLY.

BATTERY

⚠ IMPORTANT! THE BATTERY MUST BE CAREFULLY MAINTAINED TO ENSURE A LONG LIFE.

THE MACHINE BATTERY MUST ALWAYS BE CHARGED:

- Before using the machine for the first time after purchase.
 - Before leaving the machine unused for a long period.
 - Before starting up the machine after a long period of unuse.
1. Carefully read and observe the battery recharging instructions in the booklet provided with the battery. Failure to follow the instructions or in charging the battery could permanently damage the battery cells.
 2. A flat battery must be recharged as soon as possible.

⚠ IMPORTANT! RECHARGING MUST BE DONE USING A BATTERY CHARGER AT CONSTANT VOLTAGE.

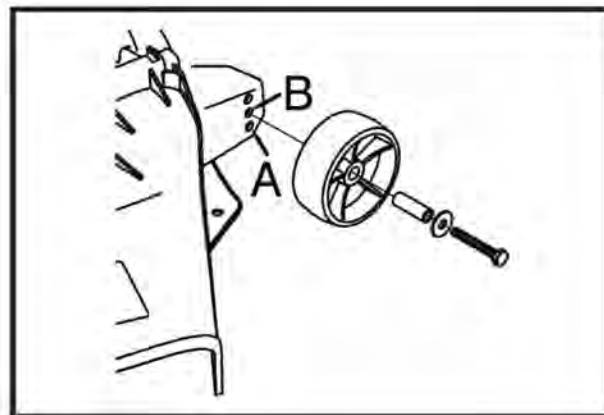
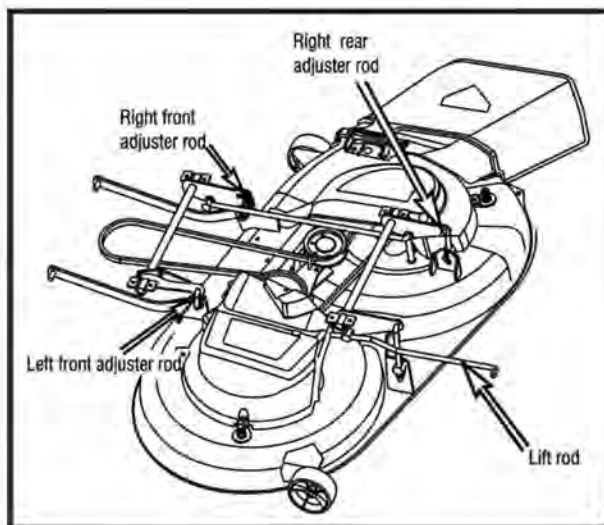
Other recharging systems can irreversibly damage the battery.

CUTTING DECK CHECKS AND ADJUSTMENTS

⚠ IMPORTANT! THE CUTTING DECK SHOULD BE PROPERLY SET TO OBTAIN A GOOD CUT.

NOTE FOR ACHIEVING GOOD RESULTS FROM CUTTING, THE FRONT PART SHOULD ALWAYS BE 5-6MM LOWER THAN THE REAR.

1. Put the machine onto a flat surface and check the tire pressures.
2. Put 30 mm blocks under the front edge of the deck and 1 3/8 inch (35 mm) blocks under the rear edge, and then put the **Cutting Height Adjustment Lever** (2) into position **2**.
3. Adjust the left front adjuster rod, right front adjuster rod and right rear adjuster rod keep the deck in touch with the blocks.
4. Adjust the lift rod to keep the deck in touch with the blocks.



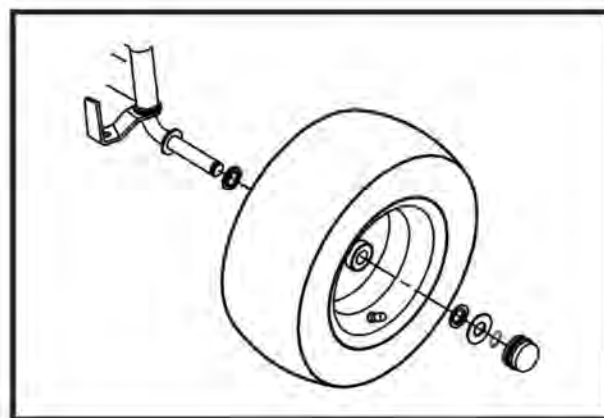
NOTE FOR A FLAT LAWN, IF REQUIRED, YOU CAN CHANGE THE POSITION OF THE DECK WHEELS TO OBTAIN A LOWER CUT.

For a heavy lawn, it is recommended to set the wheel in the hole at A.

⚠ IMPORTANT! IN CASE OF ANY DOUBTS, DO NOT HESITATE TO CONTACT YOUR DEALER OR AN AUTHORIZED SERVICE CENTER.

REPLACING WHEELS

1. Stop the machine on flat ground and put a block under a load-bearing part of the frame on the side that the wheel is to be changed.
2. The wheels are held by a snap ring which can be eased off with a screwdriver.



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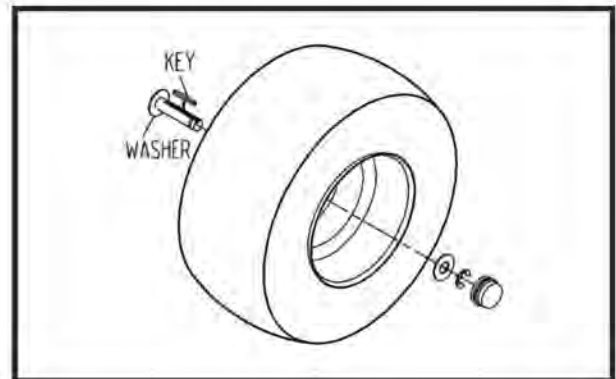
NOTE IF YOU MUST REPLACE ONE OR BOTH REAR WHEELS, THEY MUST HAVE THE SAME DIAMETER, AND CHECK THAT THE CUTTING DECK (4) IS HORIZONTAL TO PREVENT AN UNEVEN CUT.

You must make sure the key and washer are securely lodged in place.

⚠ IMPORTANT! BEFORE REMOUNTING THE WHEEL, APPLY GREASE TO THE AXLE. Put the snap ring and supporting washer back in place.

REPLACING AND REPAIRING THE TIRES

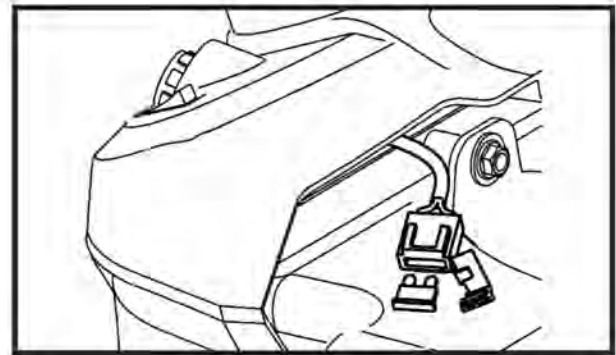
The tires are "Tubeless" and so all punctures must be repaired by a tire repairer following the procedures required for this kind of tire.



REPLACING A FUSE

The machine is fitted with 20A fuses. When it blows, the machine stops, the dashboard light switches off, the battery gradually runs out, and the machine will have problems starting.

Remove the fuse and replace it with the same type of fuse.



⚠ IMPORTANT! A BLOWN FUSE MUST ALWAYS BE REPLACED WITH AN IDENTICAL FUSE RATED WITH THE SAME AMPERE.

Never replace the fuse with another that is rated differently.

DISMANTLING, REPLACING AND REMOUNTING THE BLADES

⚠ WARNING! ALWAYS WEAR WORK GLOVES WHEN HANDLING THE BLADES.

Before you inspect or remove the blade, stop the engine, and disconnect the wire to the spark plug.

⚠ WARNING! DAMAGED OR BENT BLADES MUST ALWAYS BE REPLACED; NEVER TRY TO REPAIR THEM!

ALWAYS USE ORIGINAL BLADES BEARING THE SYMBOL “ZHONG JIAN” !

- Make sure the blades are correctly balanced.
- Make sure you put them back in the right place by referring to the code and rotate direction stamped on the outside of each blade.
- Blade models please refer to the chapter “**SPECIFICATIONS**”.

DISMANTLING

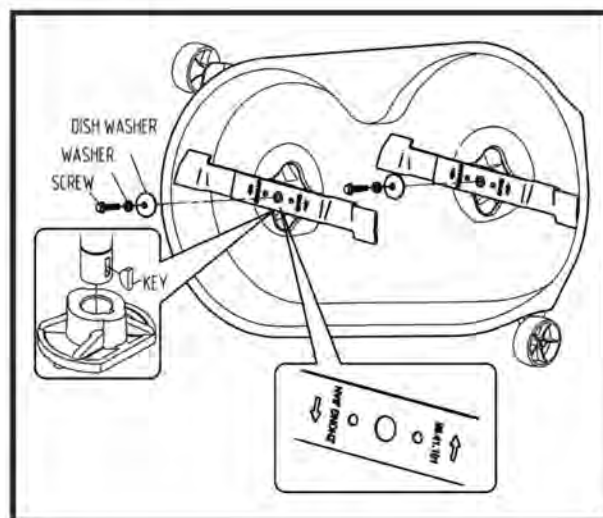
1. Loosen counterclockwise the screw.

REMountING

1. Make sure the printed code on the blade faces the operator while remounting the blade.
2. Check that the concave part of the disc washer presses against the blade.
3. Remount the shaft hubs, making sure the keys are securely lodged in place.

TIGHTENING THE SCREWS

1. Tightening clockwise with a torque wrench calibrated to 40~45 N.m.



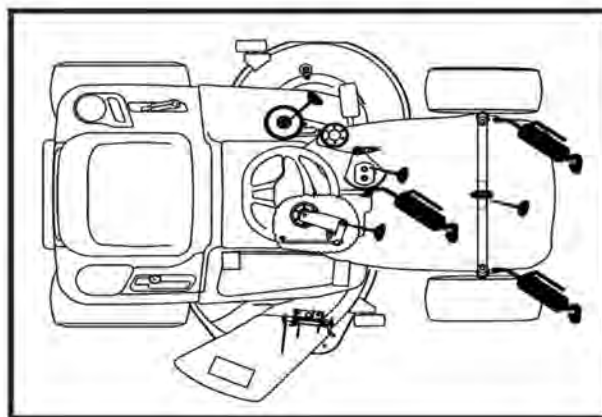
REPLACING THE BELT

THE BELT REPLACEMENT MUST BE CARRIED OUT AT A LICENSED SERVICE CENTRE. REPLACE THE BELTS AS SOON AS THEY SHOW OBVIOUS SIGN OF WEAR!

⚠ WARNING! ALWAYS USE GENUINE REPLACEMENT BELTS!

LUBRICATION

1. Apply grease with an injector to the areas shown. Apply two or three shots of grease and wipe off excess grease.
2. Lubricate the areas shown with engine oil. Wipe the area clean, apply a few drops of oil, then wipe up drips or spills.



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⚠ IMPORTANT! DO NOT DIRTY THE BELT, BRAKE SHOE, OR TIRE WITH GREASE OR OIL. OIL OR GREASE WILL DAMAGE THEM.

9. TROUBLESHOOTING

⚠ DANGER! INJURY HAZARD IF ENGINE IS STARTED INADVERTENTLY.
Protect yourself against injury.

BEFORE CARRYING OUT ANY WORK ON THIS MOWER:

1. Switch off the engine.
2. Remove the ignition key.
3. Actuate the parking brake.
4. Wait until all moving parts have come to a standstill and the engine has fully cooled.
5. Pull the spark plug connector off the engine so that the engine cannot inadvertently start.

FAULTS WHICH OCCUR WHILE YOU ARE USING YOUR MOWER OFTEN HAVE SIMPLE CAUSES WHICH YOU SHOULD KNOW AND MAY BE ABLE TO RECTIFY YOURSELF.

If you are in any doubt, however, your dealer or authorized service center will be happy to provide assistance.

PROBLEM	POSSIBLE CAUSE(S)	REMEDY
Lighting does not function	1. Headlight wire connector not connected.	Turn the ignition key to «STOP» position and connect the headlight wire.
	2. Bulbs defective.	Turn the ignition key to «STOP» position and replace the bulbs.
	3. Battery not connected correctly.	Connect red cable to the (+) battery terminal and black cable to (-) battery terminal. (par. 3.4)
	4. Ignition switch defective.	Replace ignition switch.
	5. Battery defective.	Test and recharge or replace the battery.
	6. Short-Circuit in wire harness.	Contact your Dealer or Service center.

PROBLEM	POSSIBLE CAUSE(S)	REMEDY
Start motor will not turn engine	1. Starting conditions have not been met.	Check that all starting conditions are met (par. 5.4.1).
	2. No fuel in fuel tank.	Turn the ignition key to «STOP» position and refuel the fuel tank (par. 5.3.3).
	3. Poor contact between cable and battery pole.	Check the connections. (par. 3.4).
	4. Battery flat or defective.	Test and recharge or replace the battery.
	5. Fuse defective.	Replace fuse. If the fuse blows repeatedly, determine the cause (usually a short-circuit). (par. 6.4.3).
	6. Clogged air filter	Clean air filter.
	7. Spark Plug defective.	Check the connection of spark plug socket. Clean, or replace the spark plug.
	8. Brake pedal defective.	Contact your Dealer or Service center.
	9. Start relay defective.	Replace the start relay.
	10 Ignition switch start defective.	Replace ignition switch start.

PROBLEM	POSSIBLE CAUSE(S)	REMEDY
Engine runs unevenly	1. Carburetor problem.	Contact your Dealer or Service center.
	2. Air filter blocked.	Clean or replace the air filter. (See engine manual).
	3. Fuel tank ventilation blocked.	1. Check and replace the fuel filter if necessary; (see engine manual or contact your Dealer or an authorized Service center). 2. Empty the fuel tank and refuel with fresh fuel.
	4. Grass is too high.	Reduce the travelling speed according to the height of the grass and/or raise the cutting height.
Engine feels weak	1. Air filter blocked.	Clean or replace the air filter. (See engine manual).
	2. Engine speed too low	Increase throttle.
	3. Travelling speed too high.	Set to a lower travelling speed.
	4. Spark Plug defective.	Replace the spark plug. (See engine manual).
	5. Fuel tank ventilation blocked.	1. Check and replace the fuel filter if necessary; (see engine manual or contact your Dealer or an authorized Service center). 2. Empty the fuel tank and refuel with fresh fuel.

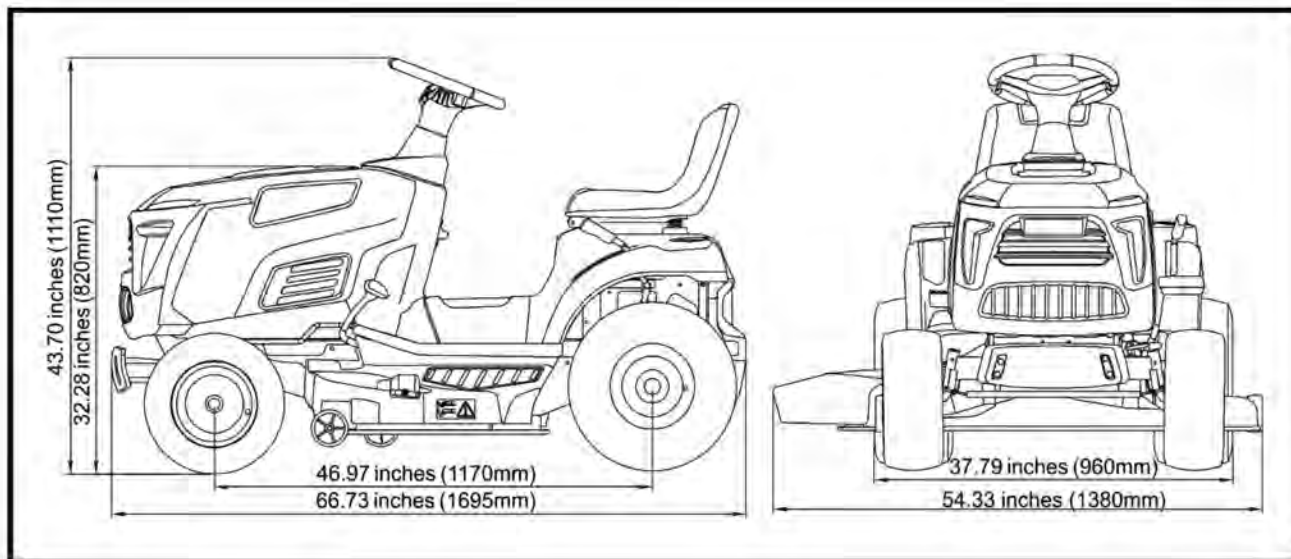
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PROBLEM	POSSIBLE CAUSE(S)	REMEDY
Battery does not charge	1. Fuse defective.	Replace fuse. If the fuse blows repeatedly, determine the cause (usually a short-circuit).
	2. Poor contact between battery poles and cables.	Check the connections.
Machine doesn't move	1. Brake is engaged.	Keep the brake pedal pressed down and release the parking brake, release the brake pedal slowly to start forward movement of the machine.
	2. Gearbox disengaged (Hydrostatic Gear).	Engage the gearbox.
	3. Drive belt detached.	Fit belt in place.
	4. Drive belt defective or worn.	Replace drive belt.
Strong vibrations	1. Blades loose.	Check and tighten all the blades (see Torque tightening par. 6.4.4) or contact your Dealer or Service center.
	2. Engine loose.	Check and tighten all the engine and frame bolts
	3. One or both blades are imbalanced resulting from damage.	Contact your Dealer or Service center.
	4. Cutting-means assembly is full of grass.	Clean the cutting-means assembly.
	5. Engine mounting not securely tightened.	Tighten engine mounting or contact your Dealer or Service center.
	6. Belt damaged.	Replace Belt.

PROBLEM	POSSIBLE CAUSE(S)	REMEDY
Uneven or poor cutting results	1. Blades blunt or worn.	Sharpen or replace mowing blades
	2. Different air pressures in tires on left and right side.	Check the tire pressure (par. 5.3.2).
	3. Cutting deck adjustment.	Check deck adjustment (6.3 or Contact your Dealer or Service center).
	4. Long and/or wet grass.	Adapt cutting level and driving speed to the mowing conditions.
	5. Travelling speed too high.	Set to a lower travelling speed.
	6. Grass stuck under cutting deck.	Cleaning inside the deck properly (Use a suitable accessory to access the cleaning of the cutting deck).
	7. Cutting drive belt Slipping.	Replace the cutting drive belt.

If problems persist after having performed the above operations, contact your Dealer or an authorized Service center.

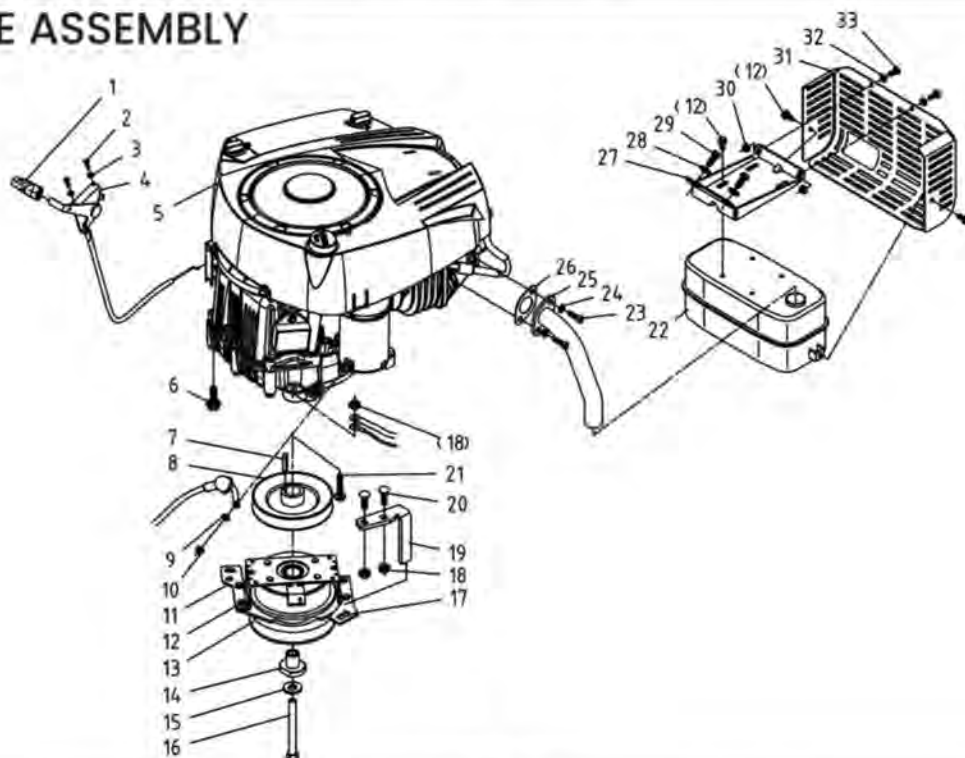
MACHINE DIMENSIONS



LAWN TRACTOR MODEL: PBLT1942SH

10. EXPLODED VIEWS AND PARTS

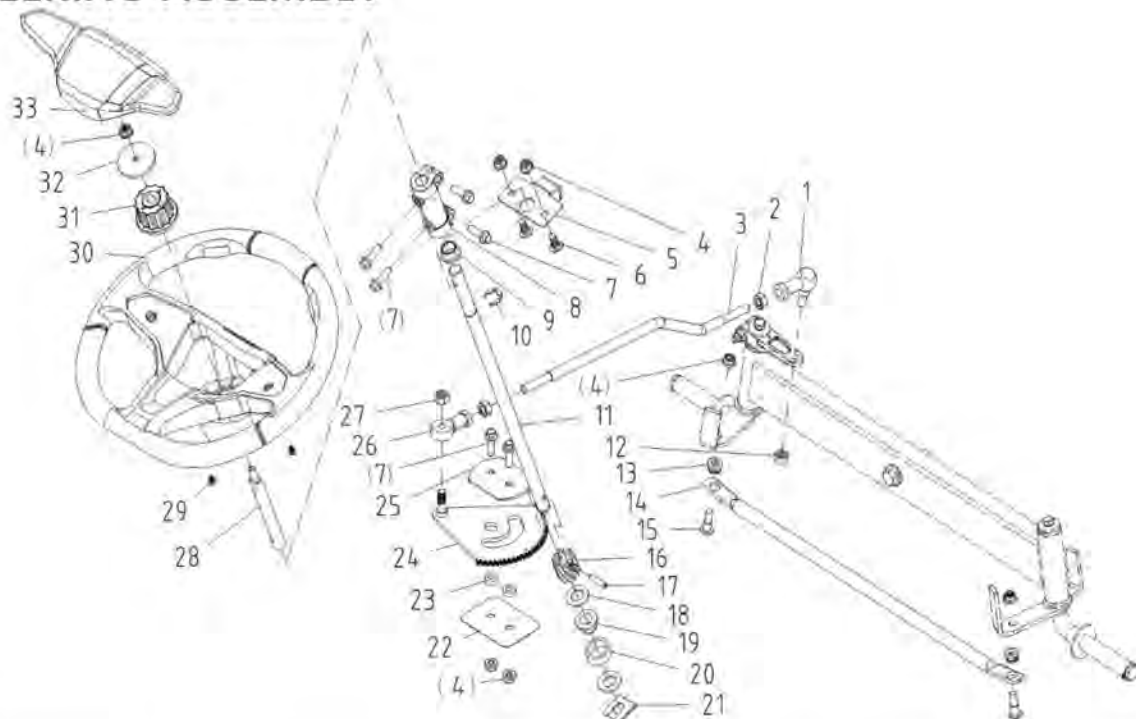
ENGINE ASSEMBLY



NO	PART NAME	QTY	PART #
1	CHOKE KNOB	1	20084362
2	SCREW M4 X 16	2	20051803
3	WASHER 4	2	20061531
4	THROTTLE CABLE	1	20071241
5	ENGINE	1	20095437
6	SELF-TAPPING SCREW 3/8 IN 16 - 1 1/4 IN	3	20061285
7	FLAT KEY 6.35 X 30	1	20070519
8	ENGINE PULLEY WELDMENT	1	20071187
9	WASHER 6	1	20061482
10	NUT 1/4 - 20 UNC	1	20071191
11	SUPPORT	1	20088530
12	TAPPING SCREWM6 X 16	10	20082800
13	ELECTRIC CLUTCH	1	20093233
14	CLUTCH STEP BUSHING	1	20085758
15	TAPER WASHER 12	1	20078309
16	BOLT, 7/16 IN - 20 - 4 IN, UNF	1	20093810
17	CLUTCH CLAMP PLATE	1	20085121

NO	PART NAME	QTY	PART #
18	FLANGE LOCK NUT M8	3	20061348
19	CLUTCH BAFFLE	1	20093071
20	BOLT M8 X 20	2	20061299
21	FLANGE BOLT M8 X 40	1	20061254
22	MUFFLE	1	20071214
23	SCREW 5/16IN - 18 - 3/4 IN	2	20060850
24	SPRING WASHER 5/16 IN	2	20061453
25	EXHAUST PIPE	1	20095556
26	GASKET	1	20071192
27	BRACKET	1	20084296
28	BIG WASHER 8	2	20061541
29	FLANGE BOLT 5/16 IN - 18TX 3/4 IN	2	20082799
30	FLANGE LOCK NUT M6	2	20061346
31	FRONT SHIELD	1	20071219
32	BIG WASHER 6	2	20061539
33	BOLT M6 X 16	2	20061184

STEERING ASSEMBLY

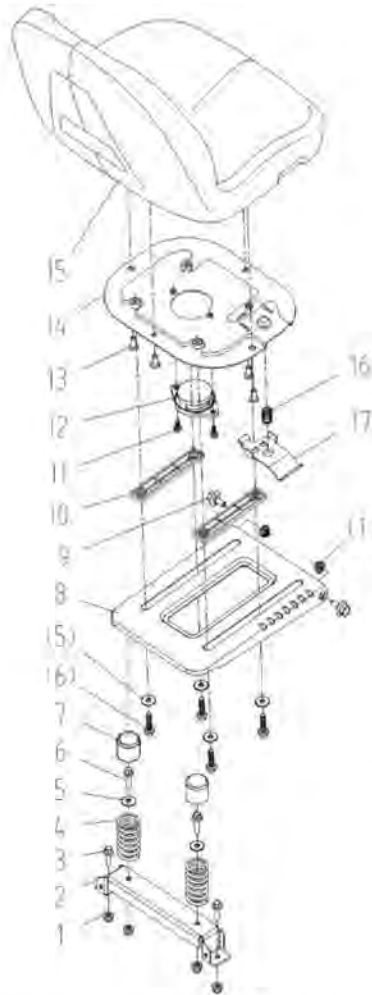


NO	PART NAME	QTY	PART #
1	JOINT BEARING M10	1	20085366
2	NUT M10	2	20061399
3	STEERING DRAG ROD	1	20084461
4	FLANGE LOCK NUT M8	7	20061348
5	SQUARE HOLE CARD BOARD	1	20084463
6	SCREW M8 X 20	2	20061299
7	FLANGE BOLT M8 X 25	6	20061298
8	COUPLINGS	1	20083389
9	HATCH BUSHING	1	20082643
10	SNAP RING 15	1	20061548
11	STEERING COLUMN	1	20084458
12	LOCK NUT M10	1	20061419
13	ELASTIC RUBBER BUSH	2	20084462
14	STEERING DRAG ROD	1	20084456
15	PIN SCREW M8 X 28	2	20084459
16	STEERING GEAR LEFT	1	20084457
17	PIN 6 X 26	1	20061569

NO	PART NAME	QTY	PART #
18	WASHER 16	2	20061437
19	HEXAGON BUSHING	1	20070612
20	BUSHING	1	20071127
21	SNAP RING 16	1	20085898
22	TIE PLATE	1	20070939
23	BUSHING	2	20070932
24	STEERING GEAR PLATE WELDMENT	1	20084464
25	DOUBLE HOLE BOARD	1	20070942
26	JOINT BEARING SIJK10C	1	20061641
27	LOCK NUT M10 X 1.25	1	20061403
28	STEERING WHEEL ROD A	1	20084465
29	SELF-TAPPING SCREW ST4.8 X 16	2	20051824
30	STEERING WHEEL	1	20082707
31	SPLINED HUB	1	20079969
32	WASHER	1	20082683
33	STEERING WHEEL CAP	1	20082679

LAWN TRACTOR MODEL: PBLT1942SH

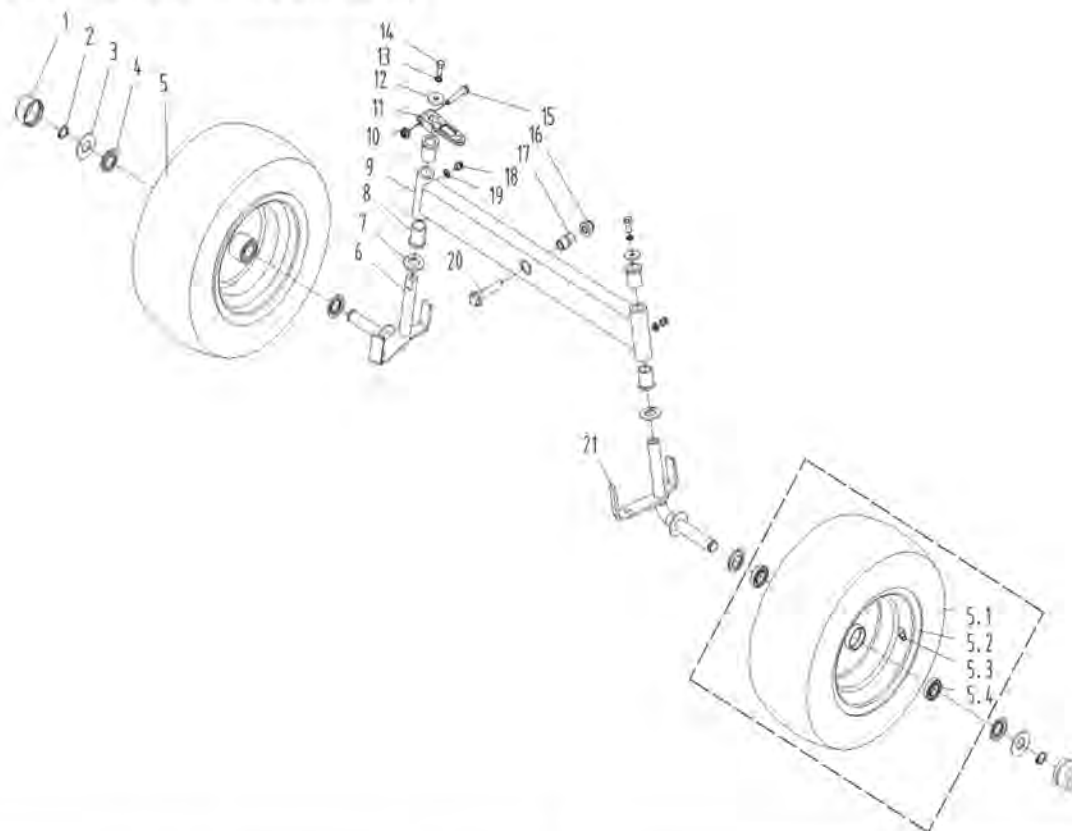
SEAT ASSEMBLY



NO	PART NAME	QTY	PART #
1	FLANGE LOCK NUT M8	6	20061348
2	SEAT BACK BEAM	1	20084447
3	FLANGE BOLT M8 X 20	2	20061274
4	SEAT SPRING	2	20070964
5	BIG WASHER	6	20061541
6	FLANGE BOLT M8 X 25	6	20061298
7	SPRING CAP	2	20068240
8	ADJUSTABLE SEAT BASE PLATE	1	20092225
9	SEAT SCREWS	2	20088755

NO	PART NAME	QTY	PART #
10	SEAT CUSHION STRIP	2	20088754
11	SELF-TAPPING SCREW M6 X 16	2	20082800
12	SEAT SWITCH COMPONENTS	1	20088756
13	HEX SOCKET SCREW M8 X 20, GB/T70.2	4	20062556
14	SEAT PLATE	1	20091256
15	SEAT ZJZY10 - 3	1	20092693
16	SPRING	1	20091602
17	SEAT ADJUSTMENT PLATE	1	20092317

FRONT BEAM ASSEMBLY

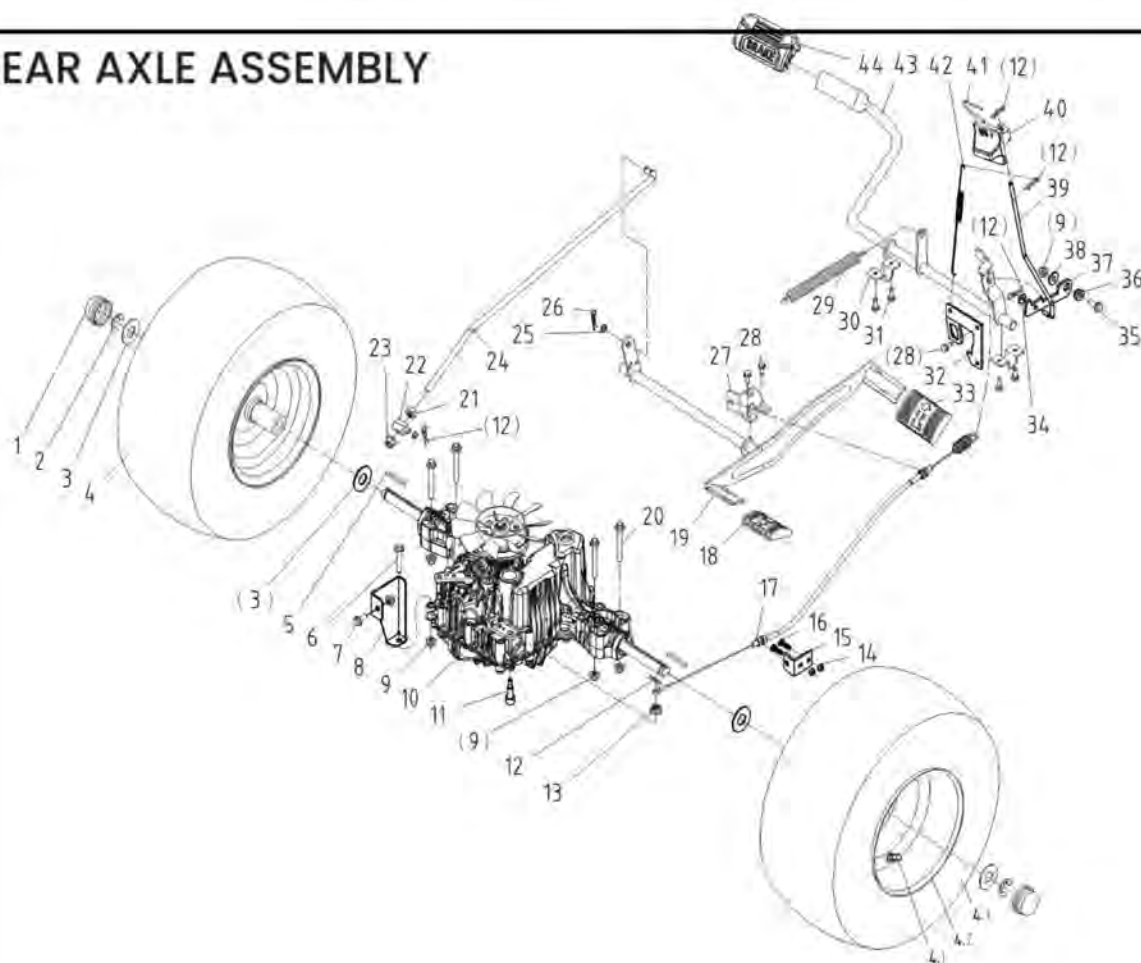


NO	PART NAME	QTY	PART #
1	HUB COVER	2	20068187
2	SNAP RING 19	2	20061488
3	WASHER $\phi 20 \times \phi 43 \times 3$	2	20071143
4	WASHER	4	20071144
5	FRONT WHEEL ASSEMBLY	2	20086529
5.1	FRONT WHEEL ASSEMBLY	2	20083980
5.2	FRONT WHEEL ASSEMBLY	2	20071149
5.3	VALVE Z2 - 01 - 1 GB/T3900 - 1997	2	20061665
5.4	BEARING 61904 - 2RZ	4	20061595
6	FRONT AXLE RH	1	20084372
7	WASHER 20	2	20061444
8	BUSHING	4	20070566
9	FRONT AXLE WELDMENT	1	20084364

NO	PART NAME	QTY	PART #
10	FLANGE LOCK NUT M8	1	20061348
11	TURNING ARM	1	20070941
12	WASHER	2	20091656
13	SPRING WASHER 8	2	20061533
14	BOLT M8 X 20	2	20061291
15	FLANGE BOLT M8 X 45	1	20061256
16	FLANGE LOCK NUT M12 X 1.25	1	20061359
17	LINER TUBE	1	20084370
18	OIL INJECTION NOZZLE	2	20061649
19	WASHER6	2	20061482
20	FLANGE BOLT M12 X 1.25 X 55	1	20085752
21	FRONT AXLE LH	1	20084367

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REAR AXLE ASSEMBLY



NO	PART NAME	QTY	PART #
1	HUB COVER	2	20068187
2	RETAINER RING 15	2	20061430
3	WASHER $\phi 20 \times \phi 43 \times 3$	4	20071143
4	REAR WHEEL ASSEMBLY	2	20086530
4.1	VALVE Z2 - 01 - 1, GB/T3900 - 1997	2	20061665
4.2	REAR HUB XCT98, 232 X 178	2	20060810
4.3	REAR VACUUM TIRE 18 X 8.5 - 8	2	20083979
5	FLAT KEY 4.85 X 60	2	20071174
6	FLANGE BOLT M8 X 40	1	20061254
7	FLANGE BOLT M8 X 20	1	20061274

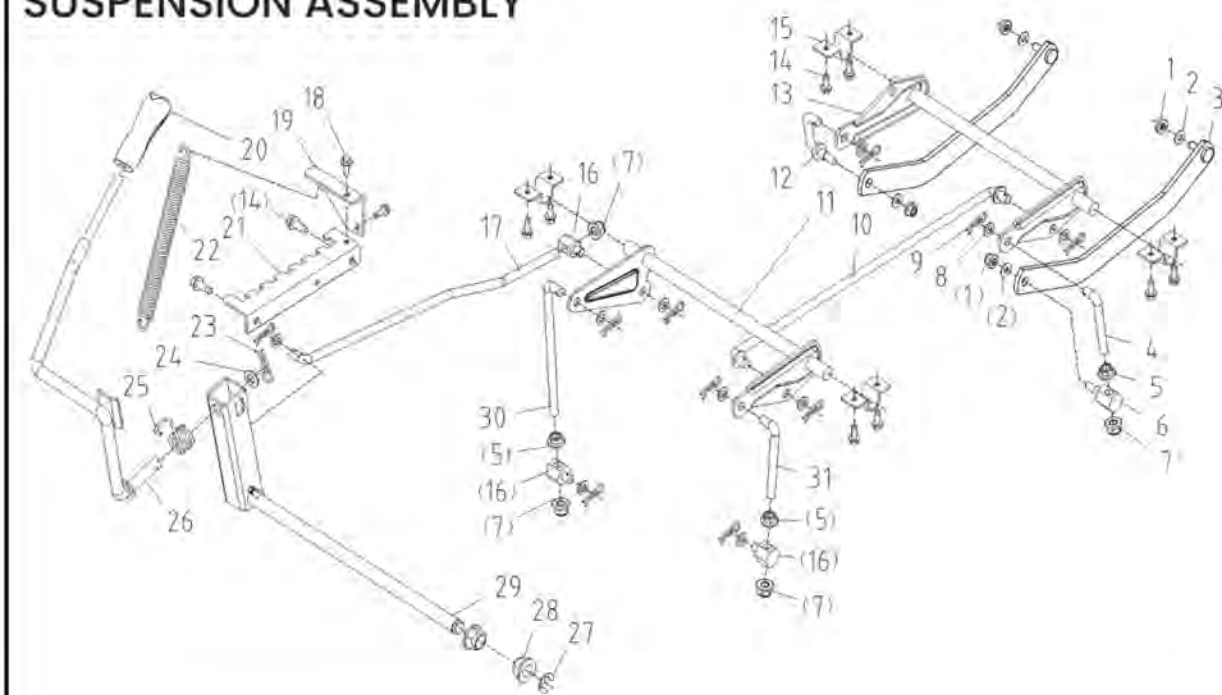
NO	PART NAME	QTY	PART #
8	REAR FIXED PLATE OF HYDRAULIC A	1	20085196
9	FLANGE LOCK NUT M8	7	20061348
10	TRANSAXLE / HYDRO K46DR	1	20086645
11	BOW-TIE COTTER PIN K46	1	20086191
12	COTTER PIN	5	20070582
13	NUT M10	1	20061407
14	FLANGE LOCK NUT M6	2	20061385
15	CABLE SUPPORT	1	20085192
16	BOLT M6 X 16	2	20061289
17	BRAKE CABLE K46	1	20088865

NO	PART NAME	QTY	PART #
18	REVERSE PEDAL	1	20068229
19	FOOT LEVER WELDMENT	1	20084591
20	FLANGE BOLT 8 X 65	4	20061310
21	HEXAGON NUT 10 X 1.25	4	20061369
22	PULL ROD PIN	1	20085748
23	LOCK NUT M10 X 1.25	1	20061403
24	TRAVELING PULL ROD K46	1	20085194
25	WASHER 10	1	20061497
26	SPRING PIN	1	20070576
27	CABLE FIXING PLATE	1	20088861
28	SELF-TAPPING SCREW M6 X 16	4	20082800
29	BRAKE RESET TENSION SPRING	1	20084574
30	U-SHAPED CLAMP	2	20084532
31	FLANGE BOLT 5/16 - 18T X 3/4	4	20082799

NO	PART NAME	QTY	PART #
32	BRAKE SWITCH SERT PLATE	1	20089015
33	FORWARD PEDAL	1	20068230
34	WASHER 6	1	20061482
35	FLANGE BOLT M8 X 25	1	20061250
36	STEP COVER	1	20088842
37	PARKING HOOK	1	20090105
38	BIG WASHER 8	1	20061541
39	DRAG LINK, BRAKE PARKING	1	20090104
40	BRAKE HANDLE RALE 3002	1	20085155
41	U BOLT	1	20084581
42	CLUTCH LEVER SPRING	1	20070894
43	BRAKE FOOT BAR WELDMENT	1	20092450
44	BRAKE PEDAL	1	20082728

LAWN TRACTOR MODEL: PBLT1942SH

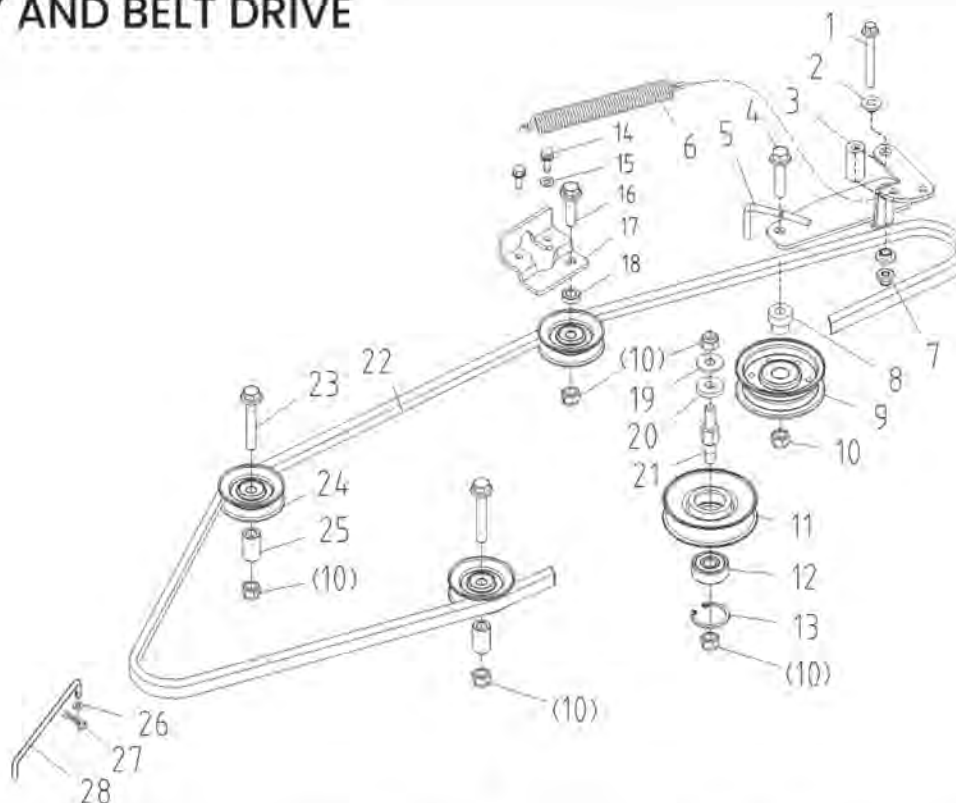
SUSPENSION ASSEMBLY



NO	PART NAME	QTY	PART #
1	FLANGE LOCK NUT M8	4	20061348
2	BIG WASHER	4	20061541
3	FRONT STAY BAR WELDMENT	2	20093410
4	FRONT RIGHT DERRICK	1	20084557
5	HEXAGON NUT 10 X 1.25	3	20061369
6	PIN	1	20084533
7	FLANGE LOCK NUT M10 X 1.25	4	20061405
8	WASHER 10	10	20061497
9	SPRING PIN	10	20070576
10	LIFTING LINK ROD WELDMENT	1	20084722
11	REAR ARM WELDMENT	1	20084723
12	U DERRICK WELDMENT	1	20084553
13	FRONT ARM WELDMENT	1	20084560
14	FLANGE BOLT 5/16 - 18T X 3/4	10	20082799
15	U-SHAPED CLAMP	4	20084532
16	PIN JOINT TTM86S	3	20085750

NO	PART NAME	QTY	PART #
17	LIFTING PULL ROD	1	20084726
18	SELF-TAPPING SCREW M6 X 16	2	20082800
19	SPRING HANGING PLATE TTM86	1	20085316
20	HANDLE	1	20070900
21	RATCHET PLATE	1	20084549
22	LIFTING HELPING SPRING	1	20084564
23	COTTER PIN $\phi 3$	1	20071251
24	WASHER 14 X 1.5	1	20062529
25	RIGHT SPRING	1	20071354
26	LEVEL WELDMENT	1	20084535
27	RETAINER RING 12	1	20061473
28	HEXAGON BUSHING	2	20070612
29	LEVEL WELDMENT	1	20092440
30	REAR LEFT ADJUSTING LEVER	1	20084727
31	REAR RIGHT ADJUSTING LEVER TTM86S	1	20085749

PULLEY AND BELT DRIVE

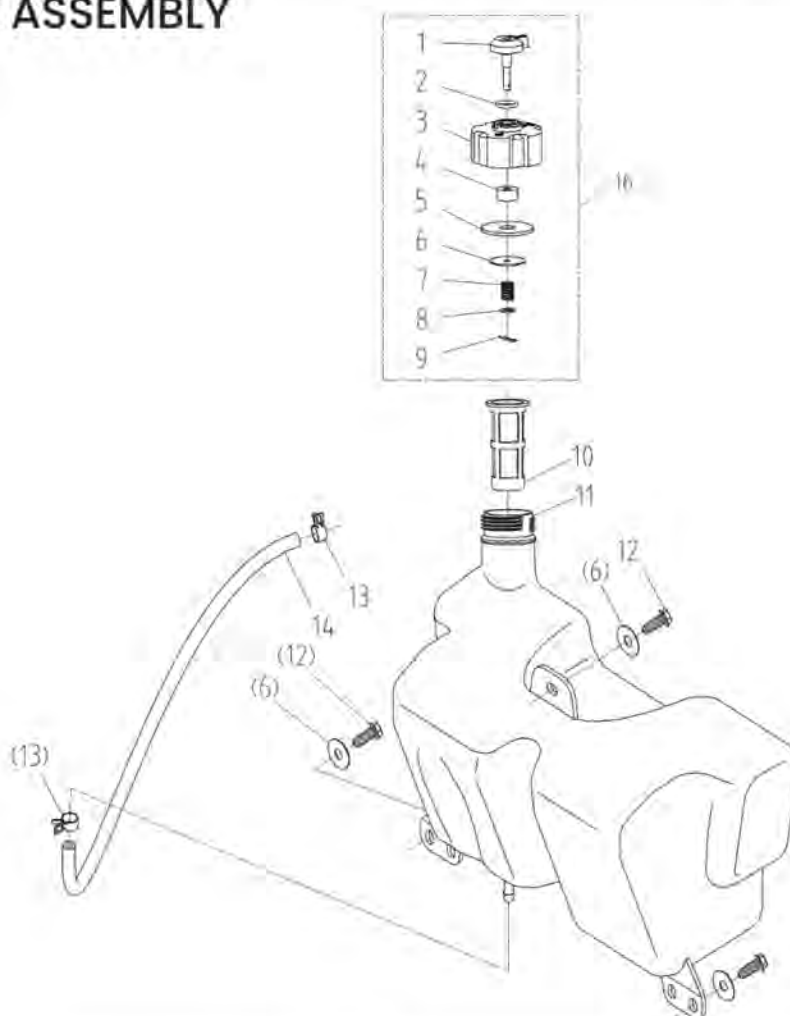


NO	PART NAME	QTY	PART #
1	FLANGE BOLT M8 X60	1	20061275
2	BUSHING	2	20070780
3	SPACER $\phi 8 \times 18 \times 33$	1	20084436
4	FLANGE BOLT M10 X 1.25 X40	1	20062521
5	DRIVING TENTION ARM WELDMENT	1	20090612
6	SPRING	1	20070875
7	FLANGE NUT M8	1	20061336
8	TENTION PULLEY BUSHING	1	20071180
9	TENTION PULLEY	1	20071213
10	LOCKNUT M10 X 1.25	6	20061403
11	TENTION PULLEY	1	20070536
12	BEARING 6301-2RS	1	20061626
13	SNAP RING 37	1	20061549
14	SELF-TAPPING SCREW M6 X 16	4	20082800

NO	PART NAME	QTY	PART #
15	WASHER 6	1	20061482
16	FLANGE BOLT M10 X 1.25 X35	1	20061284
17	GUIDE PULLEY BASE PLATE	1	20088482
18	WASHER $\phi 10 \times 18 \times 7$	1	20088483
19	BIG WASHER 10	1	20061542
20	WASHER $\phi 27 \times 10.5 \times 5$	1	20062499
21	TENSIONING WHEEL BOLT	1	20084441
22	V BELT LG4-1030	1	20085198
23	FLANGE BOLT M10 X 1.25 X50	2	20062515
24	DRIVING GUIDE PULLEY	3	20071208
25	GUIDE PULLEY CUSHION SLEEVE	2	20084442
26	WASHER 5	1	20061445
27	SPLIT PIN	1	20059765
28	OIL DISCHARGE PUSH ROD (K46)	1	20085193

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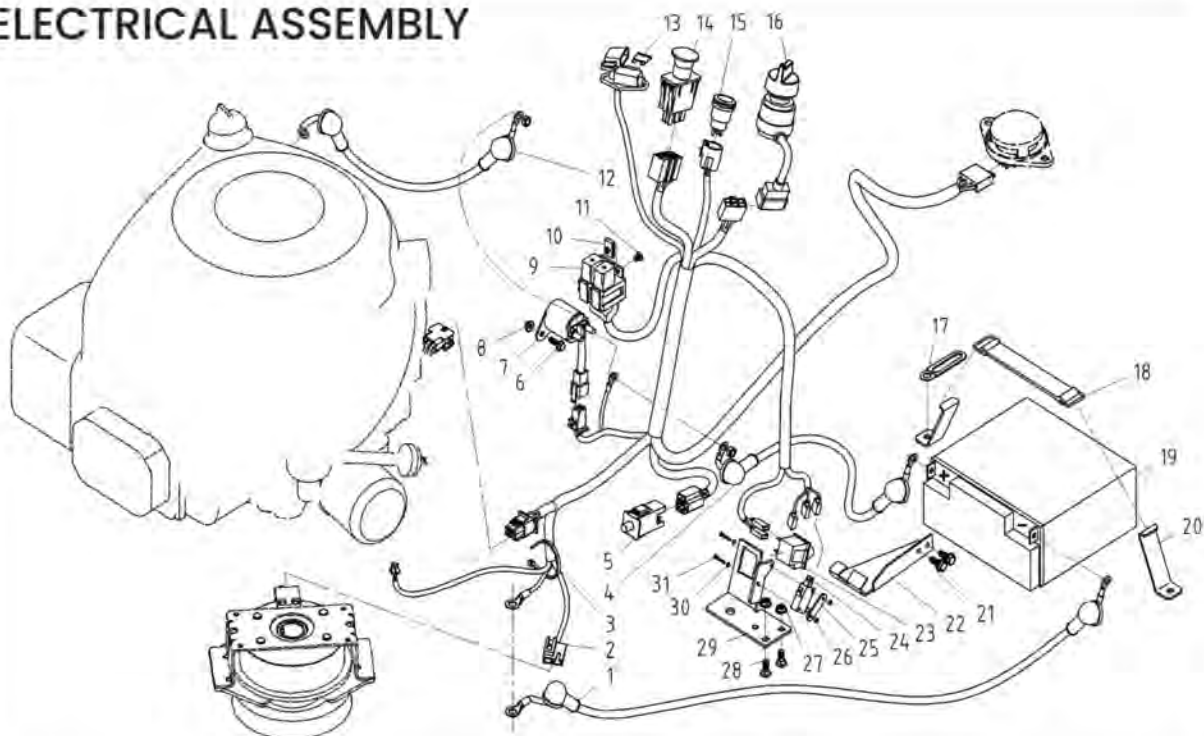
FUEL TANK ASSEMBLY



NO	PART NAME	QTY	PART #
1	FUEL TANK CAP LEVER	1	20059754
2	O RING	1	20071493
3	FUEL TANK CAP	1	20059760
4	FUEL TANK CAP FILTER	1	20059763
5	FUEL TANK CAP SEAL	1	20090126
6	GASKET 6 X 25 X 1.5	4	20071676
7	FUEL TANK CAP SPRING	1	20059764
8	WASHER 5	1	20061445

NO	PART NAME	QTY	PART #
9	SPLIT PIN	1	20059765
10	FILTER CAP	1	20059766
11	FUEL TANK	1	20071228
12	SELF-TAPPING SCREW M6 X 1	3	20082800
13	CLIP Ø10	2	20062744
14	FUEL HOSE	1	20070865
15	FUEL TANK CAP ASSEMBLY	1	20071747

ELECTRICAL ASSEMBLY

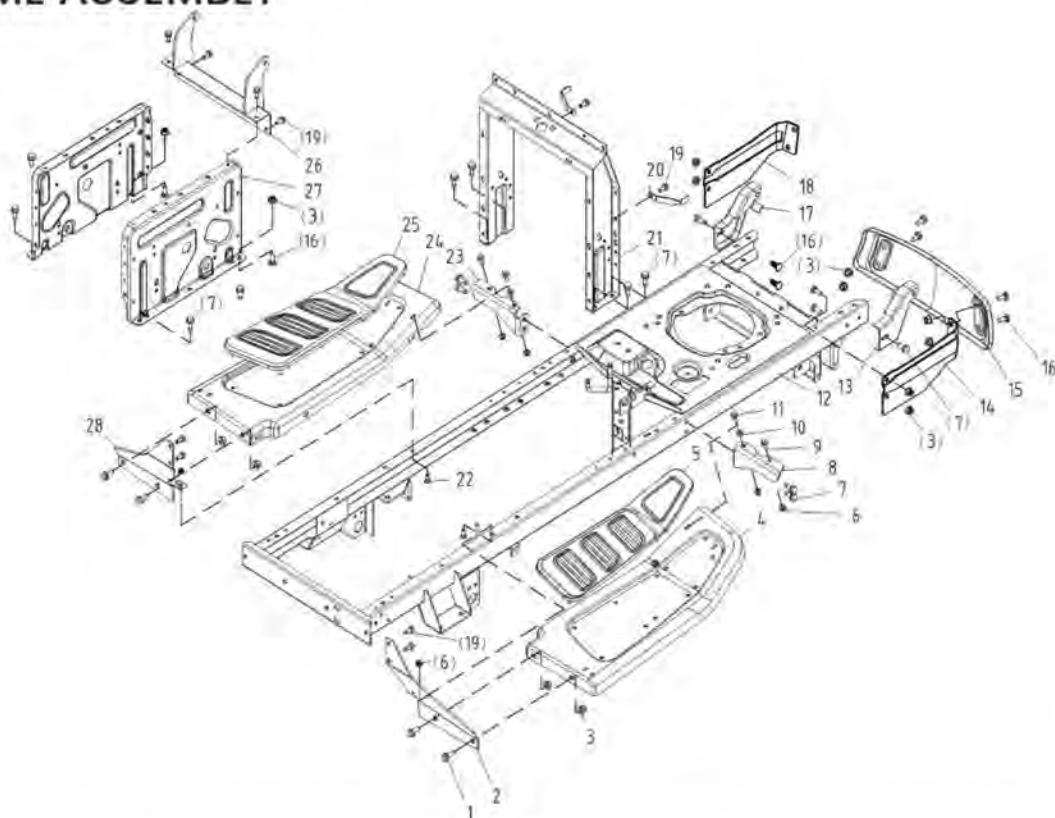


NO	PART NAME	QTY	PART #
1	GROUND CABLE	1	20085496
2	ELECTRIC START CABLE	1	20089002
3	CABLE TIE A	20	20051895
	CABLE TIE B	2	20086002
4	BATTERY CABLE	1	20084624
5	SWITCH,PLUNGER	1	20089224
6	BOLT M5 X 16	2	20061186
7	STAR RELAY	1	20071221
8	FLANGE LOCK NUT M5	2	20061341
9	RELAY YAP23H - 12 - R	2	20089006
10	BUCKLE NUT M5	1	20089880
11	SCREW M5 X 12	1	20062522
12	POWER CABLE	1	20084637
13	FUSE BRM148S, 20A	1	20085696
14	SWITCH, PTO	1	20062234
15	SWITCH	1	20089045

NO	PART NAME	QTY	PART #
16	ELECTRIC DOOR LOCK	1	20089345
17	WIRE CLAMP	1	20089223
18	BELT	1	20070744
19	BATTERY 12V 18AH	1	20071324
20	HOOK	2	20084632
21	SELF-TAPPING SCREW M6 X 1	2	20082800
22	SWITCH LEVER	1	20084636
23	SWITCH	1	20086270
24	SWITCH	1	20093126
25	WASHER	1	20084628
26	NUT M3	2	20061334
27	HEXAGON FLANGE LOCK NUT M6	2	20061385
28	BOLT M6 X 16	2	20061289
29	SWITCH BASE	1	20092970
30	WASHER 3	2	20084633
31	SCREW M3 X 20	2	20051763

LAWN TRACTOR MODEL: PBLT1942SH

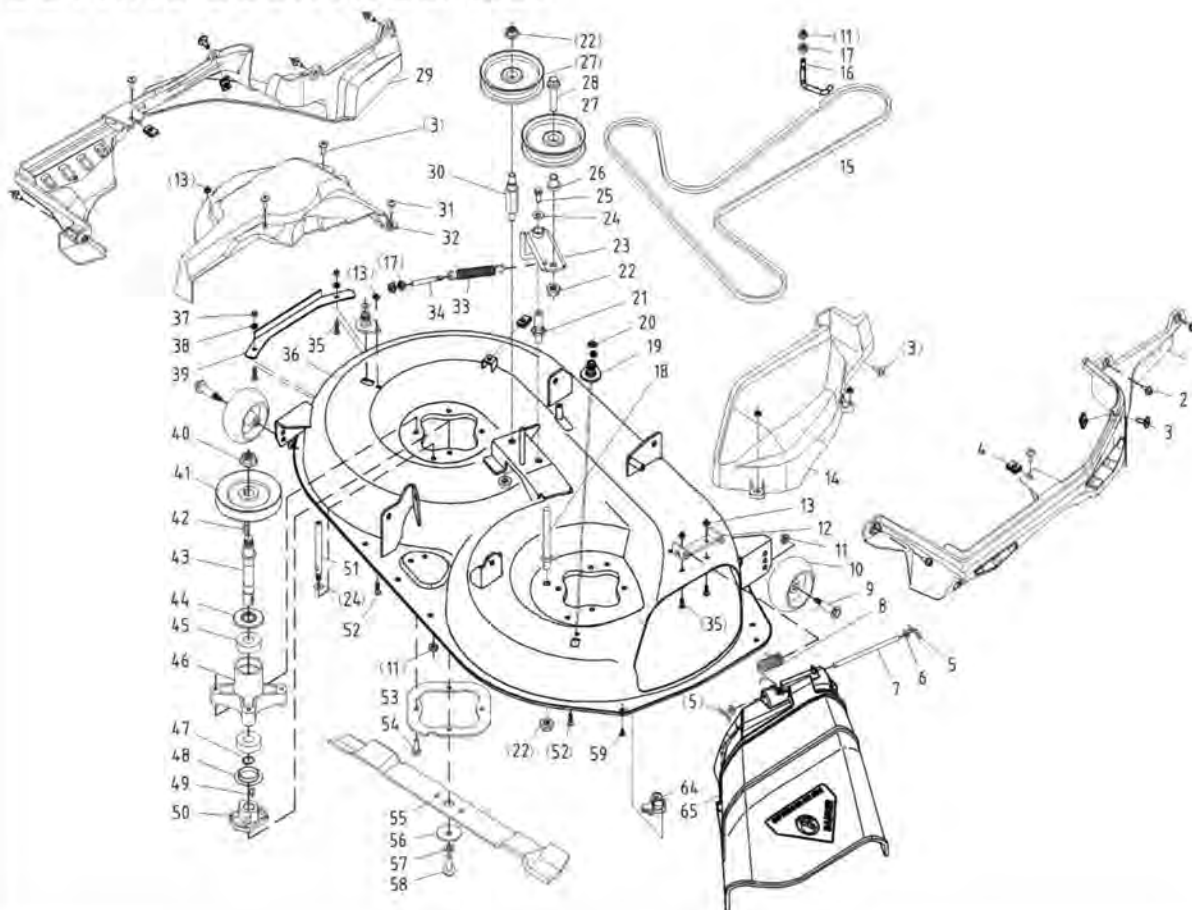
FRAME ASSEMBLY



NO	PART NAME	QTY	PART #
1	FLANGE BOLT M8 X 20	4	20061274
2	RIGHT PEDAL HANGER	1	20084428
3	FLANGE LOCK NUT M8	14	20061348
4	RIGHT PEDAL	1	20084430
5	RIGHT FOOT PAD	1	20084393
6	HEXAGON FLANGE LOCK NUT M6	6	20061385
7	FLANGE BOLT 5/16 - 18TX 3/4	14	20082799
8	PEDAL FRONT SUPPORT RIGHT	1	20084427
9	FLANGE BOLT M6 X 16	2	20061200
10	BUSHING	2	20070916
11	FLANGE BOLT M6 X 25	2	20061196
12	CHASSIS	1	20088080
13	ENGINE COVER BRACKET RIGHT	1	20084375
14	RIGHT BAMPER ROD	1	20088534

NO	PART NAME	QTY	PART #
15	BAMPER	1	20085086
16	BOLT M8 X 20	10	20061299
17	ENGINE COVER BRACKET LEFT	1	20084403
18	LEFT BAMPER ROD	1	20088532
19	SELF-TAPPING SCREW M6 X 16	10	20082800
20	STEERING	2	20084384
21	STEERING BRACKET	1	20084401
22	BOLT M6 X 16	2	20061289
23	PEDAL FRONT SUPPORT LEFT	1	20084422
24	LEFT PEDAL	1	20084429
25	LEFT FOOT PAD	1	20084388
26	SEAT FRONT BEAM WELDMENT	1	20084417
27	SIDE PLATE	2	20084399
28	LEFT PEDAL HANGER	1	20084414

CUTTING DECK ASSEMBLY



NO	PART NAME	QTY	PART #
1	BELT COVER RIGHT TTM98S/108S	1	20086269
2	SELF-TAPPING SCREW 6.3 X 11.5	6	20082801
3	SCREW M6 X 16	7	20060893
4	BUCKLE NUT M6	5	20070630
5	SPRING PIN	2	20070576
6	WASHER 8	4	20061544
7	PIN $\phi 8$ X 168	1	20082335
8	TORSION SPRING	1	20086192
9	WHEEL AXLE	2	20085378
10	WHEEL	2	20088559
11	FLANGE LOCK NUT M8	3	20061348
12	HINGE	1	20084843

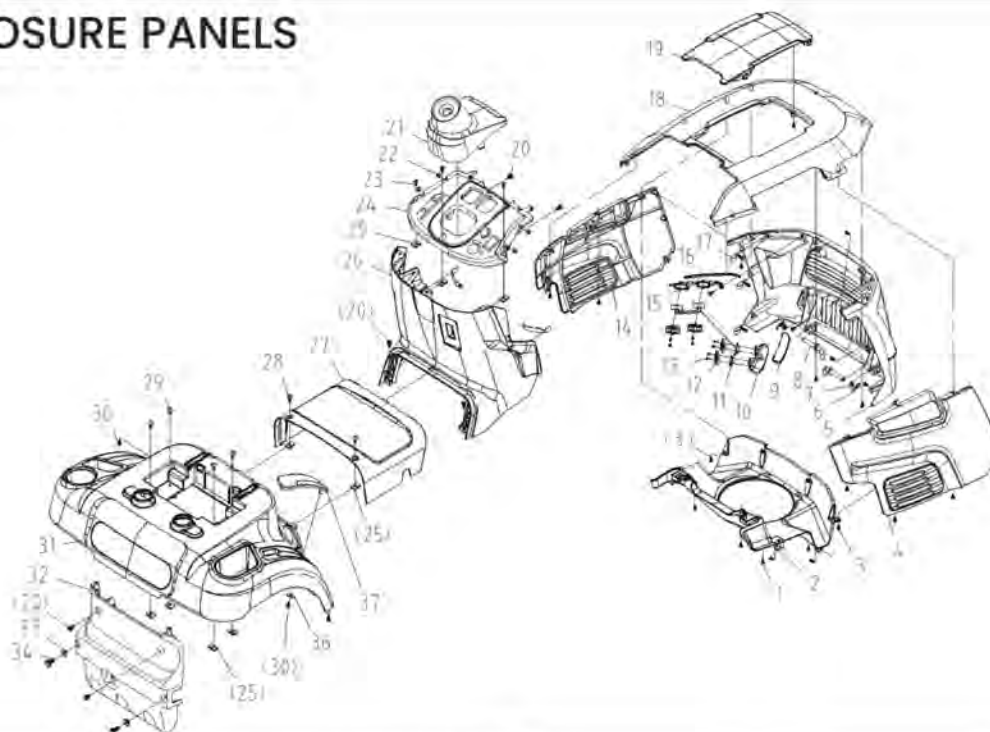
NO	PART NAME	QTY	PART #
13	FLANGE LOCK NUT M6	7	20061385
14	RIGHT SHIELD	1	20086316
15	V BELT 48 X 920 (AKX2337)	1	20071679
16	CLUTCH BELT STOP ROD SOLDER	1	20093277
17	FLANGE NUT M8	3	20061336
18	BELT STOP ROD $\phi 12$	1	20093232
19	WATER NOZZLE	2	20070624
20	O RING 11.2 X 2.65	2	20055756
21	CUT TENSION ROD	1	20093235
22	FLANGE LOCK NUT M12 X 1.25	4	20061359
23	CUT TENSION ARM ASSEMBLY	1	20094144
24	BIG WASHER 8	2	20061541

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NO	PART NAME	QTY	PART #
25	FLANGE BOLT M8 X 16	1	20061309
26	TENTION PULLEY CUSHION COVER	1	20084617
27	IDLENESS PULLEY	2	20070908
28	FLANGE BOLT M10 X 1.25 X 35	1	20061286
29	LEFT GUARD TTM98S / 108S	1	20086267
30	IDLENESS PULLEY SHAFT	1	20093230
31	SCREW M6 X 12	1	20060923
32	LEFT SHIELD	1	20086315
33	SPRING	1	20070875
34	ADJUSTING SCREW ROD	1	20084542
35	BOLT M6 X 16	4	20061289
36	DECK WELDMENT	1	20093214
37	HEXAGON LOCK NUT M6	2	20061421
38	WASHER 6	2	20061482
39	REINFORCE PLATE TTM108S	1	20086368
40	NUT FOR BLADE AXLE	2	20070627
41	PULLEY	2	20070638
42	FLAT KEY C6 X 18	2	20061650
43	BLADE SPINDLE	2	20070622

NO	PART NAME	QTY	PART #
44	HOOD, BEARING	2	20071285
45	BEARING 6204 - 2RZ	4	20061625
46	BLADE SEAT	2	20054347
47	SNAP RING 19	2	20061488
48	HOOD, BEARING	2	20070635
49	HALFMOON KEY 4 X 16	2	20061651
50	SLEEVE	2	20054345
51	STUD SCREW	2	20070892
52	SCREW M6 X 30	2	20061249
53	DECK DISC REINFORCEMENT PLATE	2	20093234
54	FLANGE BOLT M8 X 35	8	20061265
55	BLADE	2	20071405
56	DISH WASHER	2	20070623
57	WASHER 10	2	20061497
58	BOLT	2	20061267
59	SELF-TAPPING SCREW ST4.8 X 13	1	20051827
64	SELF-LOCKING BASE TTM86S	1	20086277
65	DISCHARGE CHUTE	1	20086249

ENCLOSURE PANELS

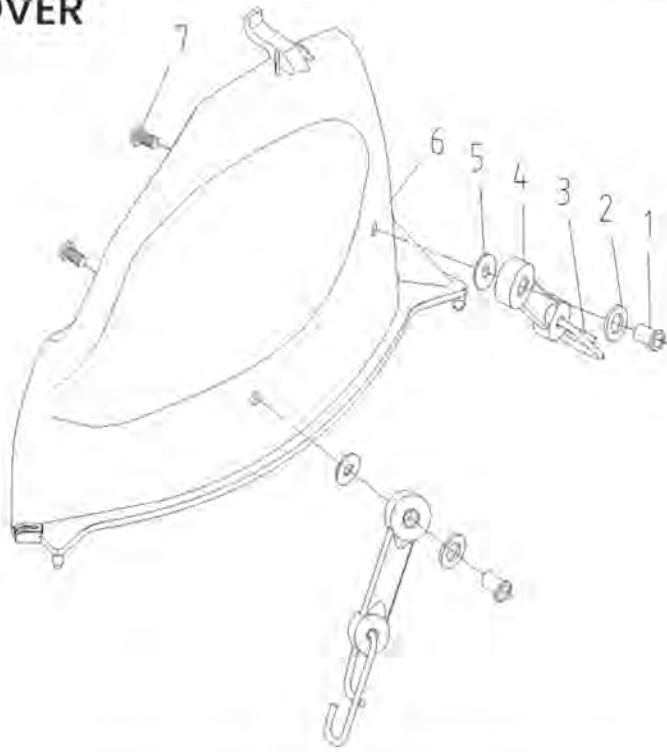


NO	PART NAME	QTY	PART #
1	SELF-TAPPING SCREW ST4.8 X 16	27	20061038
2	AIR DIRECTOR	1	20084507
3	SELF-TAPPING SCREW ST4.8 X 20	2	20084497
4	RIGHT SIDE COVER	1	20084504
5	FRONT COVER	1	20084511
6	SPRING PIN	2	20070576
7	WASHER 10	2	20061497
8	PIN	2	20078136
9	RIGHT LIGHT COVER	1	20084500
10	RIGHT LIGHT BASE TTM86	1	20085780
11	LIGHT	1	20092360
12	LAMP BASE COVER TTM86	4	20085735
13	SELF-TAPPING SCREW ST2.9 X 12	8	20051768
14	LEFT SIDE COVER	1	20084502
15	LEFT LIGHT BASE TTM86	1	20085779
16	LEFT LIGHT COVER	1	20084508
17	IGNITION WIRE CLAMP GJB25D	4	20050895
18	ENGINE COVER	1	20084496

NO	PART NAME	QTY	PART #
19	ENGINE COVER AIR INTAKE	1	20084505
20	SCREW 6 X 16	6	20082800
21	STEERING WHEEL COVER	1	20084503
22	HANDLE ANTI-VIBRATION RUBBER	4	20075146
23	SCREW M6 X 16	3	20061013
24	PANEL	1	20084494
25	BUCKLE NUT M6	9	20070630
26	SHIELD	1	20091237
27	MAINTENANCE COVER	1	20084506
28	SCREW M6 X 16	2	20060893
29	SCREW M6 X 25	4	20060919
30	SELF-TAPPING SCREW ST4.8 X 16	3	20084298
31	SIDE DISCHARGE REAR SEAT	1	20091264
32	GEAR BOX COVER	1	20093089
33	BUSHING	2	20070780
34	FLANGE BOLT M8 X 20	2	20061274
35	GASKET 6.5 X 25 X 1.4	1	20071676
36	STALL DECORATIVE PLATE	1	20091266

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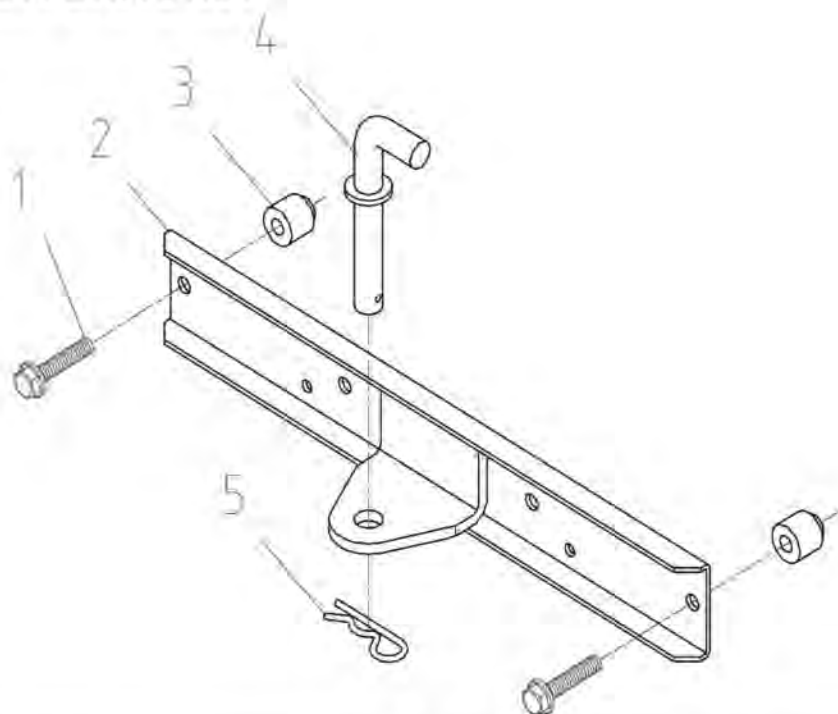
DISCHARGE COVER



NO	PART NAME	QTY	PART #
1	NUT M6 X 13.5	2	20061423
2	WASHER 10	2	20061542
3	HOOK	2	20071033
4	Belt	2	20071032

NO	PART NAME	QTY	PART #
5	WASHER 6	2	20061539
6	MULCH COVER TTM86S	1	20085128
7	SCREW M6 X 16	2	20061013

REAR HITCH BRACKET

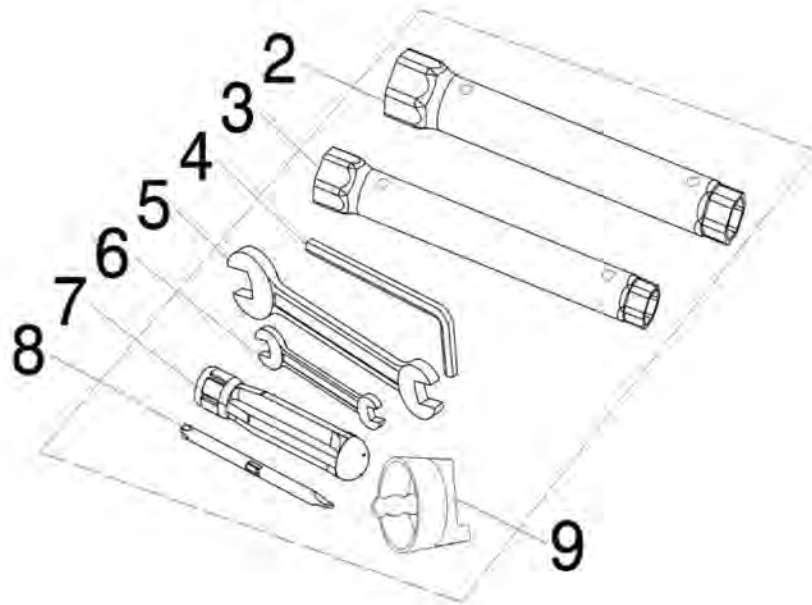


NO	PART NAME	QTY	PART #
1	FLANGE BOLT M8 X 40	2	20061254
2	TRACTION PLATE WELDING	1	20085158
3	TRACTION PAD COVER	2	20085165

NO	PART NAME	QTY	PART #
4	TRACTION LATCH WELDING	1	20086357
5	COTTER PIN $\phi 3$	1	20071251

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ACCESSORY TOOLS



NO	PART NAME	QTY	PART #
2	13-21 SPARK PLUG SOCKET	1	30022277
3	10-16 SPARK PLUG SOCKET	1	30022278
4	ALLEN WRENCH 5	1	30002105
5	OPEN-END WRENCH 13 X 15	1	30000091

NO	PART NAME	QTY	PART #
6	OPEN-END WRENCH 8 X 10	1	30000092
7	SCREWDRIVER HANDLE	1	30002129
8	DOUBLE-END SCREWDRIVER	1	30002128
9	IGNITION KEY	1	

PRORUN regularly improves our products, and you may find slight differences between your machine and the descriptions contained within this operator's manual. Modifications can be made to the machine without notice and without the obligation to update the manual, providing that the essential safety and functional characteristics remain unaltered. Contact PRORUN Customer Service with any questions and for current specifications.

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