

FEIDER MACHINES



ZERO-TURN RIDE-ON MOWER

FRT12580ZT

USER GUIDE

WARNING: Please read the instructions before using this machine!

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1. SAFETY INSTRUCTIONS

INSTRUCTIONS

- Read the instructions carefully. Be familiar with the controls and proper use of the equipment.
- Never allow children to use this mower. If the mower is given to another person, also give this manual. Also make sure that this person uses this device only after receiving the necessary instructions. Local laws may restrict the age of the user.
- Never mow while people, especially children, or animals are nearby.
- Keep in mind that the operator or user is responsible for accidents or risks that may occur to other persons or their properties.
- If necessary, have training with an experienced person in order to use in a safe way this tool.

PREPARATION

- During mowing, always wear safety shoes and long pants. Do not use the equipment barefoot or wearing sandals open.
- Wear personal protective equipment including at least: clothes of protection, gloves, slip-resistant foot protection, mask, ocular and hearing protection
- Carefully inspect the area where equipment is being used by removing all objects that may be affected by the machine.
- **WARNING - Gasoline is extremely flammable.**
 - Add fuel before starting. Do not remove the fuel tank cap while the machine is running or when it is hot.
 - If the fuel has spilled or leaked, do not attempt to start the machine but move the machine away from the leakage area and avoid creating a source of ignition until the gasoline vapors have dissipated.
 - Refuel only outside and do not smoke during refueling.
 - Store fuel in tanks specifically designated for this purpose.
 - Replace the fuel tank or the defective gasoline plug securely.
- Replace defective mufflers.
- Before use, always inspect visually that the blades, blade assembly and blade lock are not worn or damaged. Replace blades and blade assemblies that are not in good condition to maintain balance. Contact the manufacturer or your dealer in order to have a list of recommended blades. Non-recommended blades can give a risk of malfunctions, injuries and accidents.
- The blades must be balanced to ensure proper operation and to be able to work safely.

OPERATION

- Do not use the machine in a confined space or hazardous carbon monoxide emissions can be collected.
- Mow only under daylight or under good artificial light. Good visibility must always be ensured.
- Avoid using the equipment on greasy grass, where possible.
- Always be sure of your walking on the slopes.
- Walk, never run.
- For lawn mowers, mow across slopes, never from top to bottom.
- Exercise extreme caution when changing direction on slopes.
- Stop the blades if the mower is to be tilted during transport when crossing surfaces other than grass, and when transporting the mower due to the area to be mowed.
- Do not mow on steep slopes.
- Use extreme caution when tipping or pulling the mower towards you.
- Never use the mower with defective guards, or without safety devices such as baffles and or collection bins, which are not in place.
- Do not change the motor configuration or increase the speed.
- For starting, disengage all blades, the gears must be in neutral, the traction control lever must be released. Set foot well away from the blades.
- Before starting the engine or starting the engine, carefully read and understand all instructions.
- Do not tilt the mower when starting the machine or turn on the engine, unless the mower needs to be tilted for starting. In this case, do not tilt it more than necessary and lift only the part that is furthest away from the user.
- Do not start the machine by standing in front of the ejection.

- Do not place hands or feet near or under rotating parts. Keep clean the mouth of the grass extractor.
- Never take or carry the mower while the machine is running.
- Stop the machine and remove the ignition key, disconnect the spark plug from the spark plug:
 - Before cleaning or unclogging the grass extractor.
 - Before checking, cleaning, and working on the mower.
 - After hitting an object. Inspect the mower for damage and repair before re-using the mower.
 - If the mower begins to vibrate abnormally, stop the engine immediately and check according to previous recommendations.
- The controls must be always checked if they are functioning correctly. In case of malfunction, do not use the tool and bring to a service agent for inspection.
- Stop the engine immediately:
 - Every time you leave the craft.
 - Before refueling.
- When the tool is stopped, park it in a safe place.
- Move slowly when moving.
- The lawnmower should not be used in slopes and near drop-offs, ditches or embankments; if the tool must be used in these kinds of emplacements, take an extreme precaution and operate carefully the tool.
- The lawnmower safety systems or features shall not be tampered with or disabled;
- The operator should not alter or tamper with any sealed adjustments for the engine speed control.

MAINTENANCE AND STORAGE

- Check, check and tighten all bolts, bolts, and screws to ensure that the equipment is in safe operating condition.
- Never keep the mower with gasoline in the tank in a building or vapors can cause a bright flame or spark.
- Allow the machine to cool before storing it in an enclosed area.
- To reduce the risk of fire, keep the machine clean without grass, without grease, the muffler and the engine cools, disconnect the battery if necessary and empty the fuel tank
- Check the grass catcher frequently, its condition or deterioration.
- Replace worn and damaged parts for safety.
- If the fuel tank is to be drained, it must be made outdoors.

SPECIAL SAFETY INSTRUCTIONS

- In case of lack of knowledge or first use of this product, we recommend that you have a formation/ training with a professional or an experienced person.
- Always use the mower with its pick-up bag and / or deflector in the intended position.
- Switch off the engine before emptying the pick-up bag or before changing the cutting height.
- While the engine is running, never put your hands or feet under the mower or under the grass ejection area.
- Before mowing, remove all foreign objects (such as stones, toys, sticks and wires) from the grass that can be propelled by the machine.
- Keep children and pets at a safe distance while using the mower.
- Never lift the mower when the engine starts.
- Alcohol, drug, as well as illness, fever and fatigue affect your ability to respond. Do not use this tool in such circumstances.
- Never change the rated speed of the motor.
- Never lift or carry the tool while the engine is running.
- Before mowing, install the collection bag in its intended position.
- Do not use the mower in the event of rain or when the grass is wet.
- Never lift the rear of the mower when starting the engine and never place your hands or feet under the mower deck or in the rear ejection port while the engine is running.
- Turn off the engine and remove the spark plug cap in the following cases:
 - Before operating under the mower deck or near the ejection opening.
 - Before any maintenance, repair or verification.
 - Before transporting, lifting or storing the mower.
 - If you leave the mower unattended or change the cutting height.
 - To remove and empty the collection bag.

- After striking a foreign object, turn off the engine and carefully inspect the mower for damage. Take the lawnmower to an authorized service center for repair if necessary.
- If the mower vibrates abnormally, try to understand the reason and bring your lawnmower to an authorized repair center.
- Regularly check that the bolts, nuts and screws are properly tightened for safe use of the mower.
- Do not use the tool where there is a risk of lightning.
- Use the tool on daylight or under a good lighting. Always keep bystanders away.
- Warning: Take an extreme precaution when operating the lawnmower in slopes and near drop-offs, ditches or embankments; always be sure of your footing and stay in alert.
- Warning: do not use of the unit while being tired, ill or under influence of alcohol or other drugs;
- Park safely the tool before leaving it. The tool must be switched off.
- Warning: be careful about exhaust gas. Do not inhale them and do not expose people to these gases.
- To avoid health issues, limit the time of operation. Take enough rest. Exposure to noise and vibrate can have consequences on health.
- WARNING: There is a danger about moving blade assemblies. Always handle blades when they are in a complete stop and wear protective gloves.
- The blade stopping device must always work. If the blade does not stop after stopping the machine and the devices are damaged, the machine should be taken to a qualified service for inspection.
- WARNING: Do not mow in reverse;
- Ensuring that all starting interlocks and operator presence controls are properly functioning. Check regularly.

FUEL HANDLING

Use caution when handling fuels. They are flammable and the vapors are explosive.

Use only an approved container.

Never remove the fuel cap or add fuel while the machine is on. Turn off the unit and allow the engine and exhaust components to cool down before refuelling.

Do not smoke.

Never refuel inside a room.

Never store the tool and the fuel tank indoors where there is a naked flame, such as near a water heater.

If fuel has spilled, do not attempt to start the machine, but move it away from the spill before starting to use it. Please clean up any spills.

Replace and tighten the fuel tank cap after refuelling.

Follow strictly the instructions in this manual for filling the tool with fuel.

DURING MAINTENANCE AND STORAGE

Switch off the tool and wait until it stops completely. Make sure that all moving parts are stopped.

Allow the machine to cool before performing inspection, adjustments, maintenance, servicing and storage. Store the tool where fuel vapor will not reach a flame or spark.

When transporting and storing the tool, always use a protection device to avoid fuel spillage, accidents and injuries.

WARNING - Improper maintenance, use of nonconforming replacement components, or the removal or modification of safety components can cause accidents and the deterioration of the tool.

RESIDUAL RISKS

Even if you use this product in compliance with all safety requirements, the potential risks of injury and damage remain. The following hazards may arise in the structure and design of this product:

There are risks of injury and property damage due to attachments or broken the sudden impact of

hidden objects when using cutting.

There are risks of injuries and accidents caused by flying objects.

Prolonged use of this product exposes the operator to vibrations and can produce so-called "white finger" disease. To reduce the risk, wear gloves and keep your hands warm.

If any of the symptoms of "white finger syndrome" occur, seek immediate medical attention.

Symptoms of "white finger" include numbness, loss of sensitivity, tingling, pain, loss of strength, colour changes or skin condition. These symptoms usually appear on the fingers, hands or wrists. Risk increases at low temperatures.

A long exposition to noise can affect the health of the operator. A hearing protection must be always used when operating the tool. The operation of the tool must be limited, and some rest must be taken between two sessions (e.g. 10min of operation and 20min of rest).

SAFETY WARNINGS

 **DANGER / DANGER**



OBJECTS HIDDEN IN THE LAWN CAN BE THROWN BY THE MOWER BLADE. THROWN OBJECTS CAN CAUSE SERIOUS INJURY

- CLEAR LAWN OF ALL DEBRIS BEFORE MOWING.
- DO NOT OPERATE THE MOWER WITHOUT EITHER THE DISCHARGE GUARD IN PLACE
- WEAR EYE PROTECTION
- KEEP PEOPLE AND PETS AWAY

DES OBJETS INVISIBLES DANS LA PELOUSE PEUVENT ETRE EJECTES PAR LES LAMES DE LA TONDEUSE. LES OBJETS PROPULSES PEUVENT PROVOQUER DE GRAVES BLESSURES

- NE PAS FAIRE FONCTIONNER LA TONDEUSE SANS METTRE EN PLACE LE CARTER DE SECURITE
- PORTER DES LUNETTES DE SECURITE
- TENIR LES PERSONNES ET ANIMAUX ELOIGNES

 **DANGER/ DANGER**

KEEP HANDS AND FEET AWAY FROM THE BLADES!
TENIR LES MAINS ET LES PIEDS A L'ECART
DES LAMES !



 **DANGER / DANGER**

When adjusting or changing belts, clutch must be adjusted so blades stop within 7 seconds. If blades will not stop, inspect and replace damaged brakes.

En réglant ou en changeant les courroies, l'embrayage doit être ajusté pour que les lames s'arrêtent dans les 7 secondes. Si les lames ne s'arrêtent pas, inspecter et remplacer les freins endommagés.

! DANGER/DANGER



OPEN BELTS & FANS . STOP ENGINE BEFORE REACHING UNDERNEATH .

OUVRIER LES COURROIES ET LES VENTILATEURS. ARRETER LE MOTEUR AVANT DE PASSER DESSOUS.

! DANGER/DANGER



MOVING BELTS AND PULLEYS CAN CAUSE SERIOUS INJURY. DO NOT OPERATE ENGINE WHILE SHIELD IS REMOVED.

LES COURROIES ET POULIES DE TONTE PEUVENT ENTRAÎNER DE GRAVES BLESSURES. NE PAS DEMARRER LE MOTEUR QUAND LE CARTER EST ENLEVÉ.

! DANGER DANGER



- Do NOT mow when children or others are around.
- NEVER carry children even with the blades off.
- NE tondez pas quand les enfants ou les autres sont autour.
- NE transportez jamais d'enfants, même avec des lames au large

! DANGER DANGER

AVOID INJURY OR DEATH FROM ROLLOVERS
EVITER LES BLESSURES OU LE DÉCÈS DUE À UN RENVERSEMENT

Keep roll bar locked in the raised position and use seat belt.
Verrouiller la barre en position levée et mettre la ceinture de sécurité.

NO ROLLOVER PROTECTION WHEN ROLL BAR IS DOWN
Lower the roll bar only if necessary.
Do NOT wear the seat belt with the roll bar lowered.
Raise the roll bar when clearance allows.
Always use safe driving practices and do not operate on slopes greater than 15%.
Read the owner's manual and follow all slope operation instructions and warnings.

PAS DE PROTECTION DE RENVERSEMENT QUAND LA BARRE EST BAISSÉE
Ne baisser la barre qu'en cas de nécessité.
NE PAS mettre la ceinture de sécurité si la barre est baissée.
Relever la barre quand la place le permet.
Toujours conduire avec de bonnes pratiques de conduite et ne pas aller sur des pentes de plus de 15%.
Lire le mode d'emploi et suivre les avertissements et les instructions opérationnelles pour les pentes.



Warning!

Read the instructions.

Watch out for projections! Keep viewers away from work area.

Unplug the spark plug before maintenance and repair. Read the instruction manual.

Danger! Keep your hands and feet away from the cutting element.

Guarantee sound power level 103dB

INTENDED USE

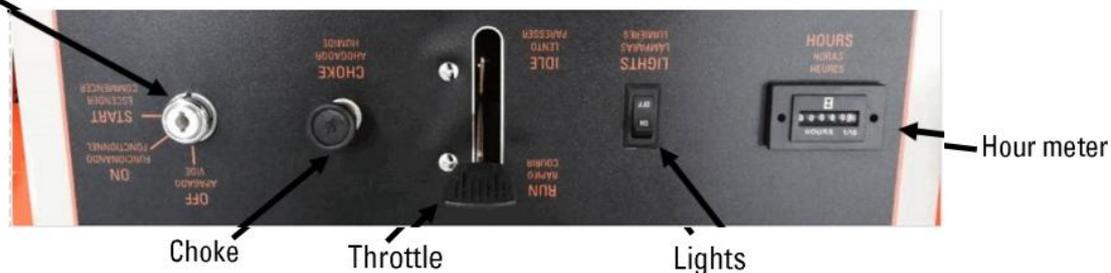
This model of thermal mower is designed for natural grass mowing. Any other use is prohibited.

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

2. YOUR PRODUCT

CONTROL PANEL

Key Switch



COMPONENT IDENTIFICATION



TECHNICAL SPECIFICATION

Nominal power	18kW
Displacement	803m ³
Max engine speed	3600/min
Engine start	Electric starting
Cutting width	1270mm
Cutting height	40-130mm
Weight	308,6kg
Fuel tank capacity	15000 ml
Oil tank capacity	1700 ml
Wheel size	Front :330,2mm*127mm Rear:508mm*203,2mm
Sound pressure level	LPA: 88,4 dB(A), K=3.0 dB(A)
Guaranteed Sound Power Level	103 dB(A)

Sound power level	LwA: 100,33 dB(A) K=1,75dB(A)
Vibration value	a_{hw} 3,4 m/s ² max, K=1.5m/s ²

The vibration values have been determined according to test code given in EN ISO 5395-1 & EN ISO 5395-3. The sound values have been determined according to noise test code given in EN ISO 5395-1 & EN ISO 5395-3, using the basic standards EN ISO 11094 and EN ISO 3744.

3. FILLING FUEL TANK

WARNING! Gasoline is extremely flammable.

Store fuel in specially designed cans for this purpose.

Fill the fuel tank only outdoors and before starting the engine. Do not smoke when filling the fuel tank or handling fuel.

Never open the fuel tank cap and never add fuel while the engine is running or when it is hot.

If fuel has spilled, do not start the engine any further, move the tool away from where the fuel has been spilled, and be careful not to create a spark or flame until the fuel vapors have dissipated.

Fully close all fuel tank and fuel canisters.

Before tilting the mower to maintain the blade or drain the oil, empty the fuel tank.

WARNING: Never fill the fuel tank indoors, while the engine is running, or before the engine has cooled down for at least 15 minutes after use.

CAUTION: Do not use unapproved gasoline, such as E15 and E85. Do not mix the oil with gasoline or modify the engine to operate with alternative fuels. The use of unapproved fuels will damage the engine parts and will void the engine warranty. To protect the fuel system from scale formation, add a fuel stabilizer to the fuel. All fuels are not identical. If start-up or performance problems occur, change supplier or fuel brand.

4.1 FILLING TANK

Fuel must meet the following criteria:

- Clean, new and lead-free gasoline.
- A minimum octane rating of 87/87 AKI (91 RON). For use at high altitudes, see below
- A gasoline containing up to 10% ethanol is acceptable.
- Remove the fuel tank cap. Add fuel.
- Close the fuel tank with the cap.

Do not overfill. Wipe off any fuel that has overflowed before starting the engine.

4.2 ENGINE OIL

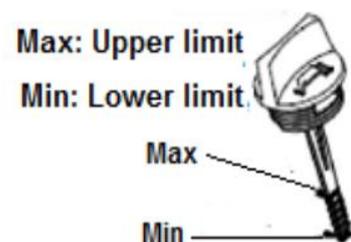
Recommended oil: We recommend the use of high-quality detergent oil classified for SF, SG, SH, SJ or higher. Do not use special additives.

Filling oil tank

- Open the oil tank.
- Fill directly the oil in the tank. Do not overfill.
- Close the oil tank. Wipe any spillage.

Checking the oil level

- Check the oil level when the engine is off and horizontal.
- Remove the plug / dipstick from the oil tank and wipe it off.
- Insert the oil tank plug / dipstick into the tank neck as shown, without screwing it in, and then remove it to check the oil level.
- If the oil level is near or below the lower limit of the dipstick, remove the dipstick and fill the recommended oil reservoir up to the upper limit of the dipstick (bottom edge of the dipstick). Do not overfill.
- Replace the oil tank plug / dipstick.



4. OPERATION

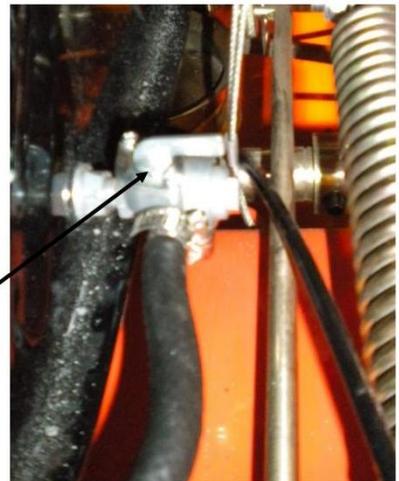
Starting the Engine



Before attempting to use your mower, make sure you are familiar with all of the components and have read the manual.

DANGER: Exhaust contains poisonous carbon monoxide, a colorless and odorless gas. Breathing exhaust can cause loss of consciousness and may lead to death. Do not operate the engine in a confined space where dangerous carbon monoxide fumes can collect.

NOTE: Be sure to add fresh unleaded gasoline and fill the engine to the proper level with manufacturers recommended motor oil before starting your mower.



1. Make sure the shut off valve, located at the bottom of the tank, is in the ON position.

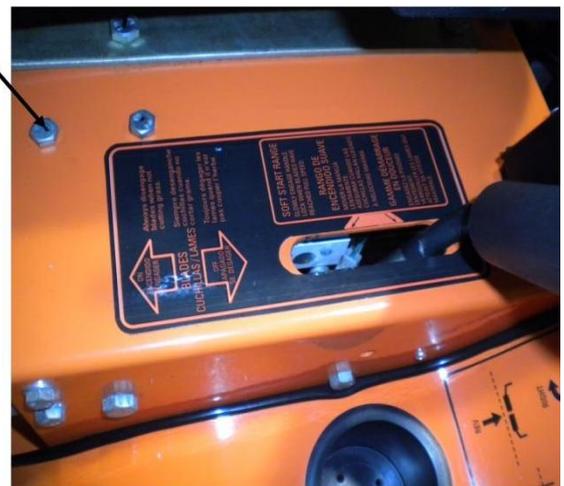
2. Make sure the brake is set and the 2 control handles are spread open into their neutral position.



3. Make sure the blade control lever is in the OFF position.

4. Pull CHOKE and set the throttle to its mid-point.

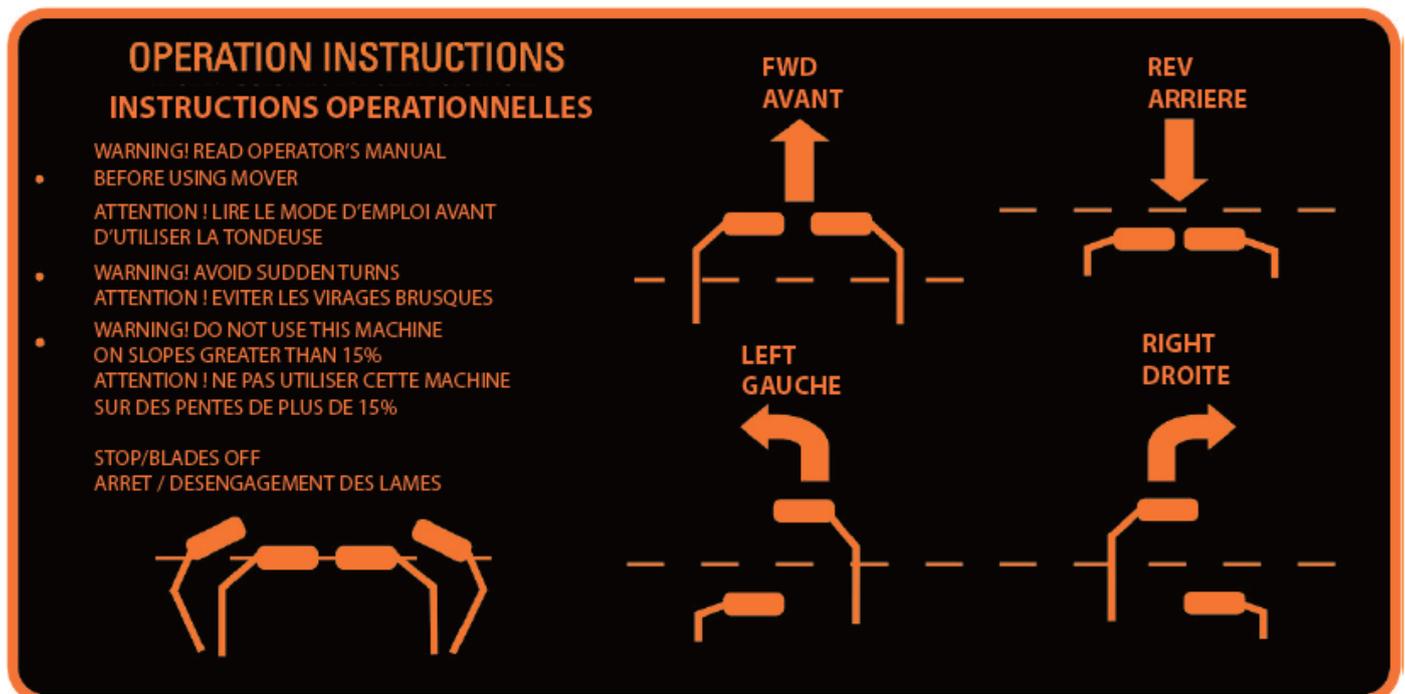
5. Turn the key clockwise to the START position and allow it to return to the ON position when the engine starts.



6. When the engine starts to run and the key returns to the ON position, push CHOKE off.

Operating the Mower

1. Make sure the brake has been moved to the OFF Position.
2. Pull both control handles to the center.
3. To drive the mower forward, push both handlebars forward away from the chest. The forward speed is directly proportional to the degree these handles are moved forward.
4. To turn the mower left, push to the right handle in front of the left handle or the left handle more towards the neutral position than the right handle.
5. To turn the mower right, perform the handle movements described in step 4 above with except with the opposite handle position.
6. To stop the forward motion of the mower, move both the handles to the center/neutral position.
7. To drive the mower backwards, pull both handlebars backwards toward the chest.
8. To turn backwards to the right or left, repeat the steps in 4 or 5 above except in the opposite direction.
9. To zero degree turn to the right, push the left handle forwards and the right handle backwards.
10. To zero degree turn to the left, push the right handle forwards and the left handle backwards.
11. When in the neutral position, the hydraulic system prevents the mower from moving easily. However, on a grade, the mower can move very slowly (with the engine off or running). Be sure to set the manual parking brake any time the mower is left unattended or is being transported.
12. When the handles are in the middle position they can be pushed away from each other to lock the mower in the neutral.



Changing the Height of Cut

Your mower is equipped with an easily adjustable floating deck, which can be adjusted for cut heights approximately 1½ inches to 5 inches in approximately ½-inch increments. The deck height adjuster is located on the right side of the mower.

How to Change the Cut Height

1. Extend the blade control lever by pulling it up.
2. Pull the lever out to the left to shift the deck up or down to the desired height.
3. When desired height is chosen lock the deck by pushing the handle back into the lock position.
4. After deck height is changed the lever should be pushed back down to its original position.

Note:

After mowing, remember to pull the deck to its highest position to avoid scraping and any other kind of damage to the blades or deck.



Mowing



Thoroughly inspect the area where you plan to use the mower. Look for items such as stones, sticks, wire, and other foreign objects. If struck by the mower, these and other objects may become projectiles that could lead to serious injury or death. Clear area of all debris.

Keep people and pets at a safe distance



WARNING! Do not operate the mower with defective guards, shields, or without the safety devices securely in place.

1. When the mower is in position on the area to be mowed, move the throttle to its full speed.
2. SLOWLY push the blade control lever forward to the ON position.
3. Begin mowing as described on the previous page, always using safe! comfortable speeds.
4. To stop the blades, pull the blade control lever back to the OFF position.

The Soft Start feature is critical to maintaining belt, clutch, and engine life. NEVER “slam” the blade on/off handle from off to on without pausing an adequate time in the soft start range

IMPORTANT!

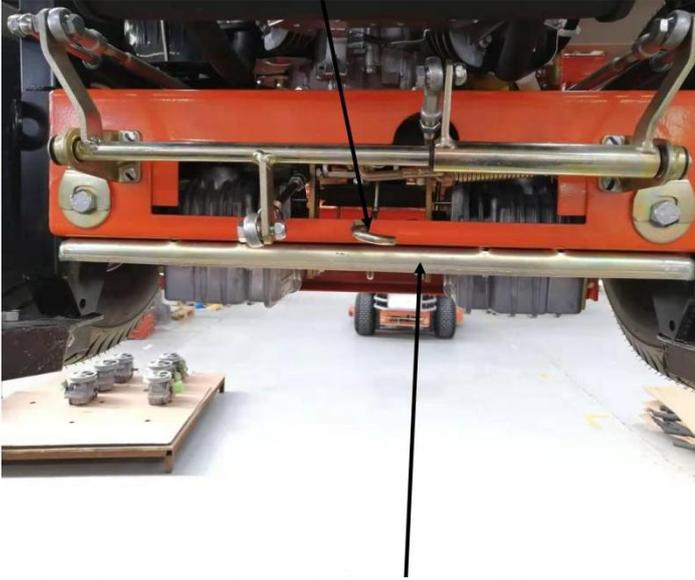
The mower belts are adjusted to ensure the blades stop turning within seven (7) seconds of releasing the blade control lever. If you are making any belt adjustments whatsoever, for your safety and the safety of others around you, you must ensure the belts are re-adjusted to achieve this design specification.

Disengaging Hydrostatic Drive Units

Before physically moving the mower when the engine is NOT running, the hydrostatic drive units need to be disengaged into free-wheel mode.

To disengage these hydro units:

1. Pull the hook out and release.



2. If necessary bump the bottom part of the mower with a tool lightly where the hydro systems are located to ensure the system is disengaged

CAUTION! Never bump, hit or push the actual hydros.

To return to operation mode:

1. Push the hook back.

Return to Neutral



DANGER! Make certain the engine comes to a complete stop before putting your hands in the access panel.

If the mower creeps or will not stop as desired when the handles are in neutral position, adjustments are necessary.

CAUTION: Be sure the engine is OFF before you open the hydro access panel.

1. Remove the bolts to access hydro panel.
2. Using an 8 mm wrench, reach through the bottom



- of the hydro panel to the return-to-neutral set pin bolts. Loosen bolts on the side that needs adjusting.
3. Be sure the brake is in the OFF position. In a safe operator position, start the engine.
4. With the engine running, slowly move the handle on the side needing

adjustment until that side comes to a complete stop. If the mower creeps forward, pull handle forward.



5. When the mower stops moving completely the hydro is in the neutral position.
6. Turn off the engine.
7. Slowly tighten the bolts without moving the plate.
8. With the bolts tightened, move to a safe operator position and start the engine.
9. If the creep has returned, repeat the process. Multiple iterations may be required.

5. MAINTENANCE AND STORAGE

The Importance of Maintenance

Regular maintenance is essential to ensure your mower continues to deliver safe and high-quality performance.

To help you properly care for your mower, the following pages include a recommended maintenance schedule, routine inspection procedures, and simple maintenance procedures using basic hand tools. Maintenance is the responsibility of the owner and must be performed regularly. More difficult service tasks or tasks that require special tools are best handled by a recommended service technician or other qualified mechanic.

The maintenance schedule described in this manual applies to mowers used under normal operating conditions. If you operate your mower under severe conditions, such as sustained prolonged use or high-temperature operations, or use it in unusually wet, dusty or rocky conditions, consult your servicing dealer for recommendations applicable to your individual needs and use.

Be sure to use genuine FEIDER mower replacement parts when servicing your mower to assure the best quality, safety and performance.

Need Help? Parts, Service and Assistance Call:

+33 (0)9.70.75.30.30

<https://services.swap-europe.com/contact>

Fuel

DANGER! Gasoline is highly flammable and explosive. Do not add fuel while the engine is running or is hot. Keep open flames, sparks, and heat away from the fuel and store fuel in containers specifically designed for that purpose. Add fuel outdoors only and if the fuel is spilled, do not start the engine. Manually push the mower away from the spill and wipe up immediately. Refer to the Engine Owner's Manual for the type of fuel to use.

A fuel shut off valve is located on the bottom of the fuel tank. It is recommended that the fuel be shut off when transporting between job sites and when storing the mower for extended periods of time.

CAUTION! Before making any adjustments and/or servicing to your FEIDER mower, make sure the mower is on a level surface, with the ignition switch off, the key removed, the brake set, and the blades disengaged. Also, disconnect the spark plug wires from the spark plugs and ground them against the engine to prevent inadvertent starting.

If you are performing adjustments or maintenance after operating the mower, allow the unit to cool and always wear protective clothing.

Tire Pressure

Incorrect tire pressure may cause the mower to pull to one side and/or result in uneven cut. Use caution when filling the tires. NEVER exceed the recommended maximum tire pressure as stated on the tires.

Air Filter

Refer to the Engine Owner's Manual for the recommended maintenance.

Engine Oil

CHECK ENGINE OIL BEFORE EACH USE. Refer to the Engine Owner's Manual for the type of oil to use, oil change intervals, and the proper procedures to check and change oil.

Blades

Inspect blades on a daily basis for nicks, bends, and excessive wear. If the blades are worn, cracked, bent, or damaged, replace them before using the mower. Choose genuine FEIDER mower replacement blades to ensure quality and performance.

When sharpening the blades, sharpen only the cutting edges and try to maintain the original angle of the blade. Do not make the cutting edge razor sharp. Remove the same amount from each side of the blade so that balance is maintained.

CAUTION: Always wear work gloves when performing blade maintenance and beware of the cutting edges. Be sure the engine is off, the key removed, and the spark plug wires are disconnected from the spark plugs to prevent inadvertent starting.

Item	Procedure	Break-in (first 5hrs)	Every 8 hours (Daily)	Every 40 hours(weekly)	Every 100 hours	Every 200 hours(mon thly)
Belts	Inspect (adjust if needed)	X	X			
Blades	Inspect and/or Sharpen		X			
Engine Air Filter	Inspect (see Engine Owner's Manual)		X			
Engine Cooling Areas	Clean (see Engine Owner's Manual)		X			
Engine Oil	Check (see Engine Owner's Manual)	X	X			
	Change (see Engine Owner's Manual)					
Engine Oil Filter	Change (see Engine Owner's Manual)					
Engine Spark Plug	Inspect (see Engine Owner's Manual)					
Fuel Filter	Replace				X	
Fuel Line	Check				X	
Grease Fittings	Refer to this manual					
Hardware	Check for proper tightness	X		X		
Mower Main Frame	Remove debris from under belt cover		X			
Safety Inter lock System	Check Operations and Switches		X			
Tires	Check Air Pressure			X		
Spindle/Blade Brakes			X			

Cleaning the Mower

It is recommended that the FEIDER lawn mower be cleaned on a daily basis. Excessive accumulation of dirt, debris, oil, etc. on cutting units, drives, mufflers, and engine may present potential safety hazard.



Deck Belt Tension

It is recommended to check and adjust if necessary the deck belt tension after the initial 5 hours of use on the hour meter. The new belt will seat into pulley grooves and may need adjusting. After the initial break in period, it is recommended to inspect belt tension and adjust if necessary every 8 hours. Follow the steps below to inspect belt tension. Follow ALL safety precautions mentioned in this manual when doing any maintenance on your mower.

Note: Failure to inspect and adjust the deck belt tension can result in poor mowing performance and pre-mature belt wear.



DANGER: Before making any adjustments or servicing your mower, make sure the mower is on level ground, the blades are disengaged, the brake set, the key is removed, the engine is off and the spark plug wires are disconnecte from the spark plugs to prevent inadvertent starting. If maintenance or adjustments are being performed after operation of the mower, allow the unitto cool since heat build up could cause severe burns.

Figure 1:

- Ensure the blade engagement handle is in the "OFF" position.
- Open the floorboard and locate the idle/clutch pulley(1) and turnbuckle(2).
- Set your deck height to its LOWEST setting (1.5 inches)

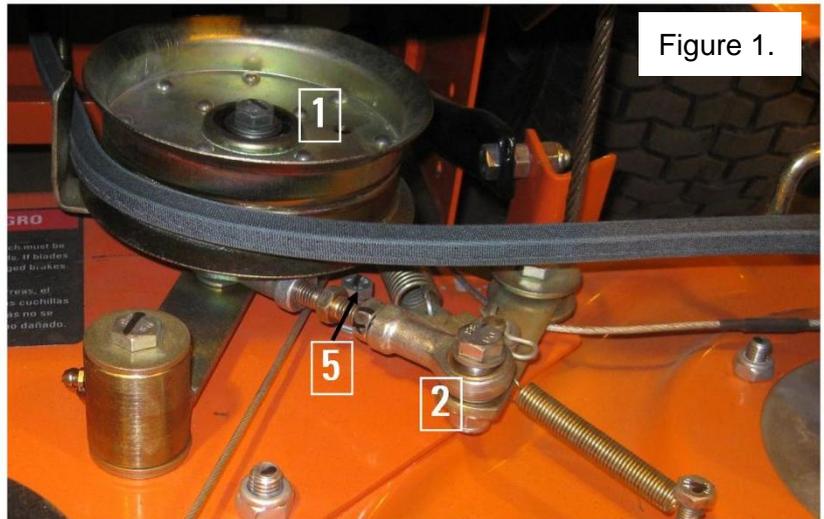
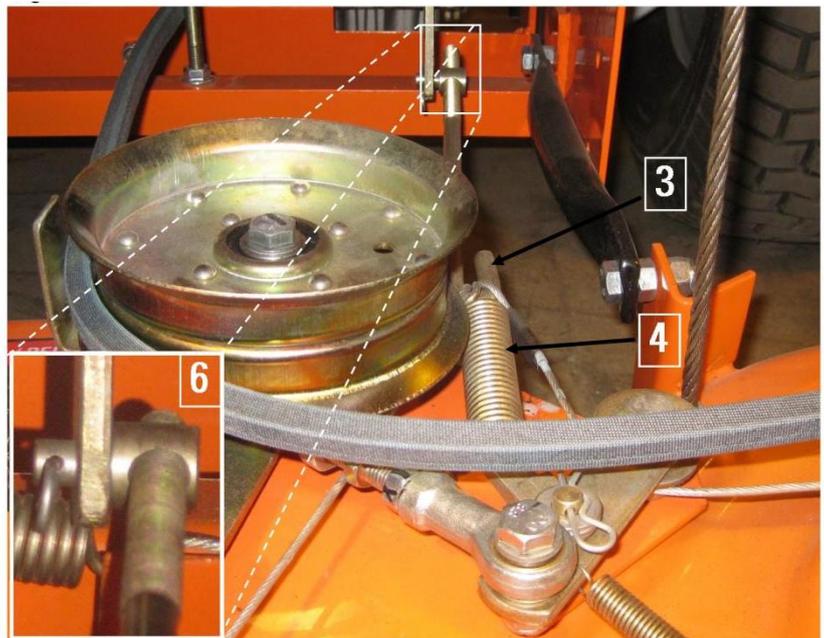


Figure 1.

Figure 2:

- Check the clutch linkage pre-load.
- If the spring and linkage assembly (3 & 4) is too tight, the clutch will not return and may cause the blades to spin with blade engagement "OFF".
- If the spring and linkage assembly is too loose, the spring will contact the deck surface, or have more than 2" of vertical movement between the linkage (3) and the spring(4).
- To adjust the pre-load, remove the cotter pin and slide the linkage off the arm(6). Thead the linkage pivot in or out to set pre-load as stated above.

Figure 2.



Deck Belt Tension

It is recommended to check and adjust if necessary the deck belt tension after the initial 5 hours of use on the hour meter. The new belt will seat into pulley grooves and may need adjusting. After the initial break in period, it is recommended to inspect belt tension and adjust if necessary every 8 hours. Follow the steps below to inspect belt tension. Follow ALL safety precautions mentioned in this manual when doing any maintenance on your mower.

Note: Failure to inspect and adjust the deck belt tension can result in poor mowing performance and pre-mature belt wear.

Figure 3:

- Move the blade engagement handle to the “ON” position.
- Using your hand, press the clutch pulley (7) in the direction indicated with about 20-25 lbs of pressure. Ensure that the swing arm(8) stops within 1 inch to 1.5 inches from the stop bolt(9).

Figure 4:

- If the swing arm reaches the stop bolt (9), the tension is too loose. Move the blade engagement handle to the “OFF” position. Loosen the turn-buckle locknut (10). Adjust the turnbuckle linkage(11), extending the pulley. Move the blade engagement handle back to the “ON” position and repeat test by applying 20- 25 lbs of pressure and check the stop bolt clearance. The swing arm should be 1” - 1.5” away from the stop bolt.
- If the swing arm has a clearance greater than 1.5” the tension is too tight. This may result in pre-mature belt wear, as well excess stress on the springs of the clutch. Adjust the



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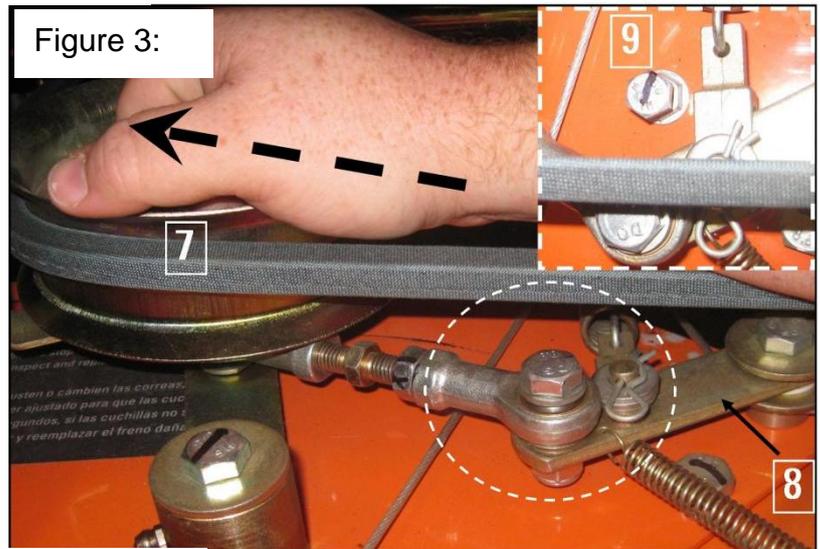
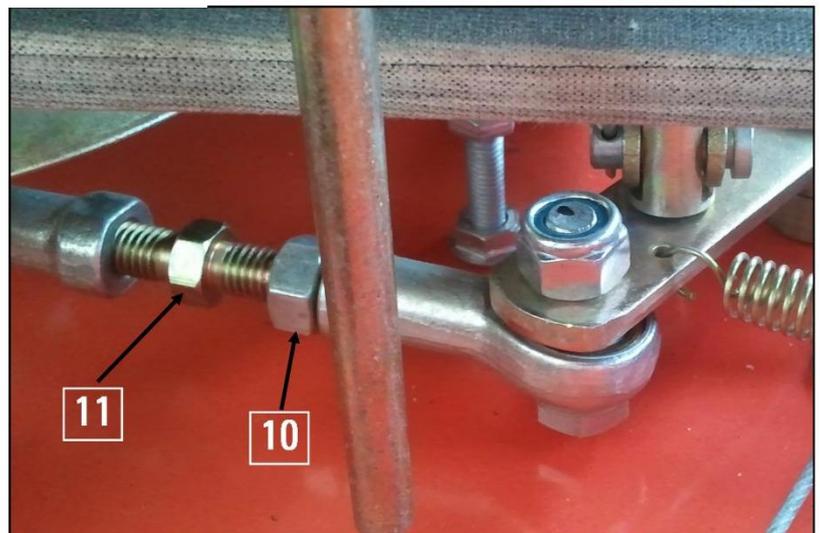


Figure 4:



Deck Belt

It is recommended to do a quick visual inspection of the deck belt retainers at the same interval as inspecting the deck belt tension. This check should be performed every 8 hours. The engine pulley retainer should be inspected when replacing the deck belt, or if the belt is slipping off the engine pulley.

DANGER! Before making any adjustments or servicing your mower, make sure the mower is on level ground, the blades are disengaged, the brake set, the key is removed, the engine is off and the spark plug wires are disconnected from the spark plugs to prevent inadvertent starting. If maintenance or adjustments are being performed after operation of the mower, allow the unit to cool since heat build up could cause severe burns.

Verifying Deck Belt Retainers

Figure 1:

The 50 FEIDER has 7 main deck retainers.

- 5 "J" shaped retainers (1,2,3,4,5)
- 2 idle pulley retainers (6, 7)
- To adjust the retainers, loosen the top nut slightly and rotate the retainer into place. After adjusting hold the retainer in place and tighten the nut.
- To adjust the idle pulley retainers, loosen the pulley shaft slightly, slide the retainer into place and re-tighten.

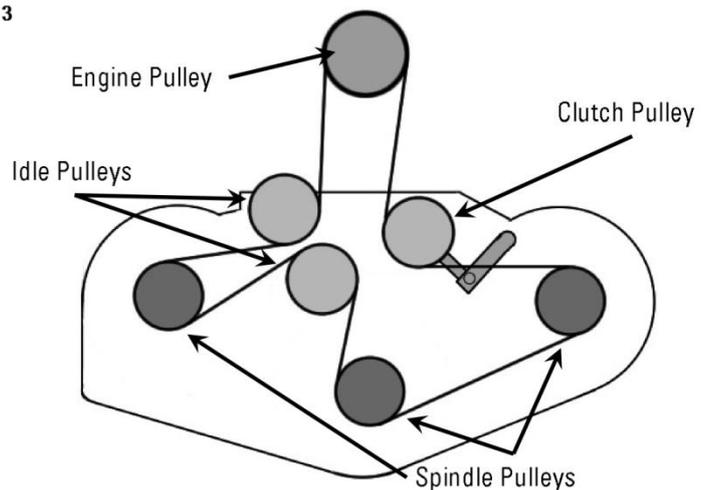


Deck Belt Routing

FRT12580ZT

- The FRT12580ZT machine uses a MXV5 1360 v belt.

Figure 3



Deck Belt

Follow ALL safety precautions mentioned in this manual when doing any maintenance on your mower.

The clearances for the retainers are listed below, and measured with the blades engaged and engine OFF.

Verifying Deck Belt Retainers

Figure 4:

- The clearance for the “J” shaped retainers is 3/16”
- To adjust the retainers, loosen the top nut slightly and rotate into position. Hold the retainer in place while tightening the bolt.

Figure 4



Figure 5:

- The clearance for the idle pulley retainers is 1/8”
- To adjust the idle pulley retainers, loosen the nut on the top of the pulley and bottom slightly. Slide the retainer into place and tighten the nuts back.

Figure 5



DANGER: Before making any adjustments or servicing your mower, make sure the mower is on level ground, the blades are disengaged, the brake set, the key is removed, the engine is off and the spark plug wires are disconnected from the spark plugs to prevent inadvertent starting. If maintenance or adjustments are being performed after operation of the mower, allow the unit to cool since heat build up could cause severe burns.

Spindle Brake Inspection and Replacement

IMPORTANT! The mower belts are adjusted to ensure the blades stop turning within 7 seconds of releasing the blade control lever. If you are making any belt adjustments whatsoever, for your safety and the safety of others around you, you must ensure the belts are re-adjusted to achieve this design specification.

Blade and pulley brake inspections should be performed every 50 blade on and off cycles.

Before beginning service, park your FEIDER machine on a level surface, turn the blades off, turn the engine off, set the brake, take the key out of the switch, wait an adequate time to make certain no blades are turning, and remove spark plug wires from spark plugs.

1. Engage the blade handle (make certain the engine cannot start) to pull the brakes off of the pulleys.
2. Remove the pulley guard from the deck.
3. Visually inspect the brake pads for wear. Make certain that no metal is touching the pulleys.



4. The brake pad material should be approximately 1/8-inch thick. Replace the brakes if the material is less than 1/16-inch thick.

Note: Replacing both brakes is recommended if replacement of one brake is required.

5. To replace the brake, use a pair of pliers to remove the springs.
6. Remove the two mounting bolts and disconnect the spring from the cable.
7. Discard all of these parts. **DO NOT** reuse springs. New brakes are equipped with new springs for proper braking.
8. Install the new brakes by reversing the procedure in steps 5 and 6.

9. Disengage the blade handle and inspect the brake contact surface. All of the brake pad contacting material should be contacting the bottom of the pulley.

Note: Springs may vary from those pictured based on the particular application.

Removing the Blades

Required tools: 18mm Wrench

CAUTION! Beware of the cutting edges on the blades. The rotation of one blade may cause the other blade(s) to rotate. Always wear work gloves when handling

1. Park the mower on level ground, set the brake and block the rear wheels to prevent accidental rollback.
2. Raise the front end of the mower and place on a jack stand.
3. Use one wrench to loosen nut A while carefully holding the blade.



4. To reinstall, fit the blade side holes into the 2 studs to make sure the blade was assembled with right side, and then insert the bolt with lock washer and large flat washer into the spindle.
5. **IMPORTANT:** The number of spacers should always be the same on each blade bolt. **NEVER** put the spacers below the blade and **NEVER** straighten or weld the blades.

IMPORTANT! The mower belts are adjusted to ensure the blades stop turning within 7 seconds of releasing the blade control lever. If you are making any belt adjustments whatsoever, for your safety and the safety of others around you, you must ensure the belts are re-adjusted to achieve this design specification.

Engine-to-Hydrostatic Drives

Belt adjustment

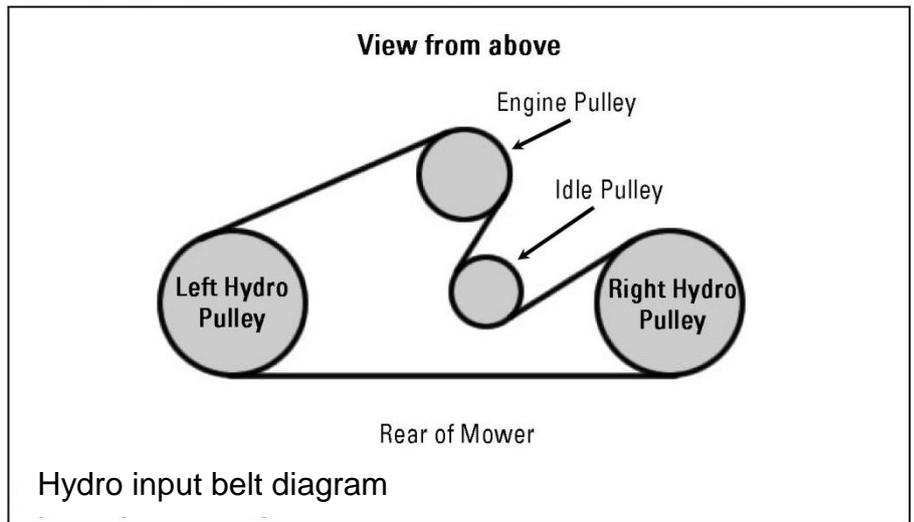
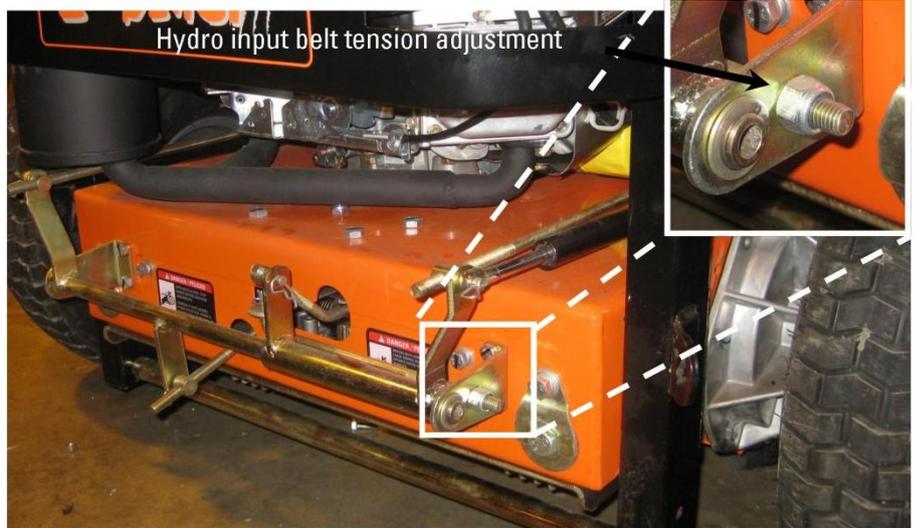
(Hydro Input Belt)

The hydro input belt is located underneath the chassis at the rear of the mower. The belt should move approximately 1/8 to 3/16-inch with three (3) to five (5) pounds of pressure applied to the belt midway between the hydrostatic drive pulleys when initially installed. After approx. 1 hour of running time, verify that the belt tension is still correct and tighten if necessary

Important: Do not over-tighten the belt.

To adjust the belt, turn the nut on the threaded tension rod found on the right, rear corner of the mower. Do not over-tighten. This could cause damage to the hydraulic drive systems.

The hydro input belt is an 8PK 1690 multi ribbed v belt.



Over tightening the input belt will damage the output shaft.

Hydro System Adjustment

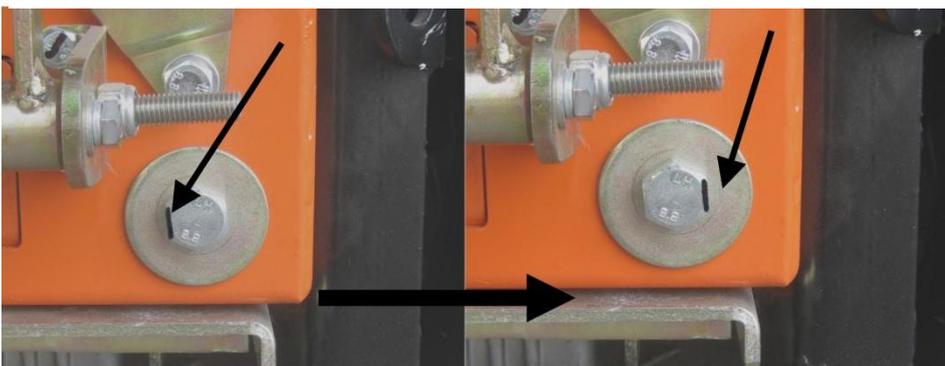
The hydrostatic drives are coupled to the output drives with a multi-v belt. Occasional re-tensioning of the belt may be necessary. If performance decreases or hydro control handles are activated and the wheels do not turn, inspect the multi-V belt. Before beginning the following test, read all warnings in this manual. If you are uncomfortable with this procedure please contact SWAP to be set up for service.

1. Adjust the hydro adjustment bolts by tightening the two large 21mm nuts on the rear of the mower. Tighten the final drive belt so there is approximately 3/4" belt deflection in the center of the belt with about 10lbs of pressure applied.



The next step is to perform a "wall test." Drive the mower against a padded stationary object. For accurate results, a smooth brushed concrete surface works best. Stand next to the mower with one hand on the seat. Start the mower with one hand on the seat to engage the safety switch. Engage the left side handle into drive position. Quickly move the handle to full forward position for about half a second. Now perform the same procedure on the right side. If the belt squeals and the wheel does not spin on either side, tighten the hydro adjustment bolt a half turn on each side at the same time. Repeat the test until both tires will break traction and spin.

Once you have the tension set so each wheel will just barely break traction, mark the bolt on one side of the hex head as shown. Now loosen the bolt (turn counter-clockwise) half of a rotation, so the mark is now on the other side. This will set tension so the belt does not squeal, and provides ample torque for driving and mowing without causing belt or hydro damage.



Now drive the mower on a grassy surface. Perform several Zero Turns. Drive the unit aggressively. If the performance is "sloppy" or you have excessive belt chirping, tighten the bolt 1/6th of a rotation and re-test. Re-Install the hydro retainer clips after adjustments.

If the mower is too nimble, or you want to reduce the power output to prevent damage to the turf, loosen the bolt 1/6th of a rotation and re-test. Occasional belt chirping is permitted. If the belt squeals excessively tighten 1/6th of a rotation and re-test.

Safety System Adjustments

WARNING!

Do not bypass, modify, alter, or disconnect the safety system. Make sure that the safety interlock system is fully operational each time before mowing. Failure to do so could present danger to you and others around you.

There are generally three (3) ways to adjust the sensitivity of a safety switch. The most appropriate way to adjust each switch depends upon the application, location, and the nature of the problem you are encountering.

Method 1: Adjust location using the mounting screws

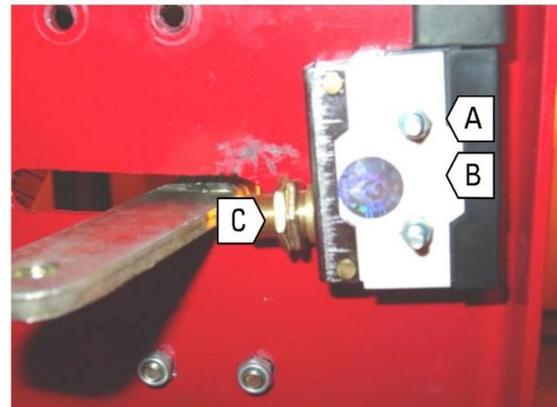
1. Move the blade control lever to OFF.
2. Loosen screws (A) until safety switch (B) moves freely.
3. Slide safety switch (B) firmly against blade bell crank (C).
4. Tighten screws (A) and check that safety switch (B) does not move.

Method 2: Adjust location using adjustment nuts on switch body

1. Loosen locking nut (C) on the sensor shaft.
2. Adjust switch location by turning the nuts.
3. Tighten the locking nut when proper adjustment is achieved.

Method 3: Relocate mounting holes

In rare cases where the components become misaligned, the easiest means of adjusting the location is to elongate the existing holes or add new holes to achieve a tighter fit between the activation rod and the sensor.



Lubrication Points

To ensure proper lubrication of moving parts, we recommend that you lubricate the following components with a high-quality, EP2 high-temperature-based grease or equivalent. Should the conditions of operation be more severe than normal, the lubrication interval may need to be shortened. GTR/OPE grease is the recommended lubricant.

Lubrication Point Locations

The 50-inch mower has mowers have 4 lubrication points.

1. Front wheels (2 locations, 1 on each wheel shaft)
2. Clutch Pulley Pivot Arm (1 location on the 50-inch deck).
3. Final drive assembly (2 locations, 1 on each final drive)



Changing Battery

When disconnecting the battery make sure to disconnect the negative terminal first and the positive last. When reconnecting, connect the positive first and the negative last.



Charging Battery

Always charge battery in an open well ventilated area, away from sparks and flames. Unplug charger before connecting or disconnecting from battery and always wear protective clothing and use insulated tools.

Short Term Storage

- Let engine cool before storing and do not store near flame, high heat, and possible ignitions from sparks.
- Always clean off all flammable material as well as grime and dirt before storage.
- Never use a pressure washer and avoid drenching the control panel, motor, engine, and hydro pumps with water.
- Wash with mild detergent and water only.
- After washing the machine engage the engine at high and let the mower run for 5 minutes.
- Shut off fuel for storing or transporting.
- Carefully release pressure from components with stored energy.
- Store mower only on the ground.
- Do not drain fuel indoors or near a flame.
- Use jack stands to support components when required.
- Always park machine on level ground and set the parking brake when storing.
- Store the machine in a clean and dry environment.
- Always remove the key from the ignition.
- Add a petroleum based conditioner in the gas tank and run for 5 minutes to distribute through mower.

Extended Storage

- Cover the machine when in storage.
- Change air filter.
- Remove Battery and clean terminals and cable
- Make sure all fuel is drained before storing. connectors. Store battery in a cool dry place.
- To ensure all fuel is drained from the mower, run the mower until it runs out of gas before storage. Everything mentioned in shortterm storage should also be applied to extended storage.
- Check the spark plugs condition and pour two tablespoons of engine oil in the spark plug holes and leave the spark plug wire off



DANGER: Battery electrolyte has sulfuric acid which can cause severe burns and is a deadly poison. Never drink and always avoid contact by wearing gloves and safety glasses when servicing the battery.



WARNING: Do not allow battery terminals to touch any metal parts of the mower when removing the battery. Never allow metal tools to short between the battery terminals and metal parts of the mower as this may cause sparks. Sparks can also cause the battery gasses to explode which can result in injury/death.

6. TROUBLESHOOTING

Problem	Possible cause	Solution
Engine will not start	<ol style="list-style-type: none"> 1. Key in the OFF position 2. Insufficient fuel in the tank 3. Air bubble in the fuel line 4. Fuel valve in OFF position 5. Choke not ON 6. Choke linkage out of adjustment 7. Low engine oil 8. Blade control in ON position 9. Loose spark plug wire 10. Fouled spark plug 11. Plugged or dirty air filter 12. Bad gasoline 13. Plugged or dirty fuel filter 14. Safety switches out of alignment or loose 15. Dead battery (electric start models) 	<ol style="list-style-type: none"> 1. Turn key to ON position 2. Add gasoline 3. Prime engine or shake bubble out 4. Turn valve ON 5. Turn choke ON 6. Refer to Engine Owner's Manual 7. Add engine oil 8. Push lever to OFF position 8. Tighten wire or connections 10. Clean or replace the plug 11. Clean or replace the air filter 12. Drain and replace with fresh gasoline 13. Replace the fuel filter 14. Adjust or tighten switches 15. Recharge or replace battery
Engine will not keep running/quits	<ol style="list-style-type: none"> 1. Water in the fuel 2. Loose safety switch 3. Fuel valve is OFF 4. Dirty fuel filter 5. Dirty air filter 6. Low engine oil 	<ol style="list-style-type: none"> 1. Drain and replace with fresh fuel 2. Adjust switch (p. 16) 3. Turn fuel valve ON 4. Replace fuel filter 5. Clean or replace air filter 6. Add engine oil
Engine stops when blades are engaged	<ol style="list-style-type: none"> 1. Loose safety switch 2. Belt tension too high 3. Blades jammed with foreign material 	<ol style="list-style-type: none"> 1. Adjust switch (p. 16) 2. Adjust belt (p. 23) 3. Remove foreign material <p>Note: Firmly pushing the blade control lever into the OFF position to ensure the safety switch is fully engaged can sometimes resolve this problem.</p>
Blades do not turn	<ol style="list-style-type: none"> 1. Broken belt 2. Loose belt 3. Blade activation linkage out of adjustment. 	<ol style="list-style-type: none"> 1. Replace belt 2. Adjust belt 3. Adjust linkage
Belts squeal when blades are engaged	<p>Incorrect belt tension Excessive belt wear</p>	<p>Adjust belt tension Replace belt</p>
Belts slip when blades are engaged	<p>Incorrect belt tension Excessive belt wear</p>	<p>Adjust belt tension Replace belt</p>

Problem	Possible cause	Solution
Mower will not move forward or reverse	<ol style="list-style-type: none"> 1. Brake ON 2. Bypass levers pulled out 	<ol style="list-style-type: none"> 1. Release brake on control panel 2. Ensure bypass pins are retracted
Engine is overheating	<ol style="list-style-type: none"> 1. Dirt in the fuel line 2. Dirty air filter 3. Low engine oil 4. Fouled spark plug 5. Misuse of the mower 6. Dull blades 7. Spindle bearing failure 	<ol style="list-style-type: none"> 1. Replace fuel filter and flush tank 2. Clean or replace the air filter 3. Add engine oil 4. Replace spark plug 5. Mow slower, wait for grass to dry out 6. Sharpen cutting blades 7. Take in for service
Grass not cut smoothly or cleanly	<ol style="list-style-type: none"> 1. Dull blades 2. Mowing too fast for conditions 3. Grass is wet or bent over 4. Blade is bent 5. Tire pressure not equal 6. Deck is set at uneven heights 7. Blades are set upside down 8. Excessive grass and debris build up underneath the deck 	<ol style="list-style-type: none"> 1. Sharpen blades 2. Slow down while cutting 3. Let grass dry to stand up 4. Replace blade 5. Add air pressure to low tires 6. Set deck at equal heights 7. Take blades off and install correctly 8. Clean out debris
Mower always pulls to one side	<ol style="list-style-type: none"> 1. controls out of adjustment 2. Transmission failure 	<ol style="list-style-type: none"> 1. Adjust controls 2. Take in for service

7. DECLARATION OF CONFORMITY



BUILDER SAS

32, rue Aristide Bergès -Z1 31270 Cugnaux - France

Tel. +33 (0) 5.34.502.502 Fax: +33 (0) 5.34.502.503

Declares that the machine named below

Zero-Turn Ride-On Mower

FRT12580ZT

Serial number: **20230136015-20230136020**

Complies with the following European Directives:

Machinery Directive 2006/42/EC

EMC Directive 2014/30/EU

Emission Regulation (EU) 2016/1628

Applicable harmonized standards:

EN ISO 5395-1:2013+A1:2018

EN ISO 5395-3:2013+A1+A2

EN ISO 14982: 2009

Other applicable guidelines:

Noise Directive 2000/14/EC amended by 2005/88/EC, Annex VI

Guaranteed Sound Power Level	103dB(A)
Sound power level	LwA: 100,33 dB(A) K=1,75dB(A)

EU type-approval No:

e13*2016/1628*2016/1628SYB2/P*0014*01

Cugnaux, **26/12/2022**

Philippe MARIE / CEO

Responsible of technical file: M. Olivier Patriarca

8. WARRANTY



WARRANTY

The manufacturer guarantees the product against defects in material and workmanship for a period of 2 years from the date of the original purchase. The warranty only applies if the product is for household use. The warranty does not cover breakdowns due to normal wear and tear.

The manufacturer agrees to replace parts identified as defective by the designated distributor. The manufacturer does not accept responsibility for the replacement of the machine, in whole or in part, and/or ensuing damage.

The warranty does not cover breakdowns due to:

- insufficient maintenance.
- abnormal assembly, adjustment or operations of the product.
- parts subject to normal wear and tear.

The warranty does not extend to:

- shipping and packaging costs.
- using the tool for a purpose other than that for which it was designed.
- the use and maintenance of the machine done in a manner not described in the user manual.

Due to our policy of continuous product improvement, we reserve the right to alter or change specifications without notice. Consequently, the product may be different from the information contained therein, but a modification will be undertaken without notice if it is recognized as an improvement of the preceding characteristic.

READ THE MANUAL CAREFULLY BEFORE USING THE MACHINE.

When ordering spare parts, please indicate the part number or code, you can find this in the spare parts list in this manual. Keep the purchase receipt; without it, the warranty is invalid. To help you with your product, we invite you to contact us by phone or via our website:

- **+33 (0)9.70.75.30.30**
- **<https://services.swap-europe.com/contact>**

You must create a "ticket" via the web platform.

- Register or create your account.
- Indicate the reference of the tool.
- Choose the subject of your request.
- Describe your problem.
- Attach these files: invoice or sales receipt, photo of the identification plate (serial number), photo of the part you need (for example: pins on the transformer plug which are broken).



9. PRODUCT FAILURE

WHAT TO DO IF MY MACHINE BREAKS DOWN?

If you bought your product in a store:

- a) Empty the fuel tank if your product has one.
- b) Make sure that your machine is complete with all accessories supplied, and clean! If this is not the case, the repairer will refuse the machine.

Go to the store with the complete machine and with the receipt or invoice.

If you bought your product on a website:

- a) Empty the fuel tank if your product has one.
- b) Make sure that your machine is complete with all accessories supplied, and clean! If this is not the case, the repairer will refuse the machine.
- c) Create a SWAP-Europe service ticket on the site: <https://services.swap-europe.com> When making the request on SWAP-Europe, you must attach the invoice and the photo of the nameplate (serial number).
- d) Contact the repair station to make sure it is available before dropping of the machine.

Go to the repair station with the complete machine packed, accompanied by the purchase invoice and the station support sheet downloadable after the service request is completed on the SWAP-Europe site

For machines with engine failure from manufacturers BRIGGS & STRATTON, HONDA and RATO, please refer to the following instructions.

Repairs will be done by approved engine manufacturers of these manufacturers, see their site:

- <http://www.briggsandstratton.com/eu/fr>
- <http://www.honda-engines-eu.com/fr/service-network-page;jsessionid=5EE8456CF39CD572AA2AEEDFD290CDAE>
- <https://www.rato-europe.com/it/service-network>

Please keep your original packaging to allow for after-sales service returns or pack your machine with a similar cardboard box of the same dimensions.

For any question concerning our after-sales service you can make a request on our website <https://services.swap-europe.com>

Our hotline remains available at +33 (9) 70 75 30 30.



10. WARRANTY EXCLUSIONS

THE WARRANTY DOES NOT COVER:

- Start-up and setting up of the product.
- Damage resulting from normal wear and tear of the product.
- Damage resulting from improper use of the product.
- Damage resulting from assembly or start-up not in accordance with the user manual.
- Breakdowns related to carburetion beyond 90 days and fouling of carburetors.
- Periodic and standard maintenance events.
- Actions of modification and dismantling that directly void the warranty.
- Products whose original authentication marking (brand, serial number) has been degraded, altered or withdrawn.
- Replacement of consumables.
- The use of non-original parts.
- Breakage of parts following impacts or projections.
- Accessories breakdowns.
- Defects and their consequences linked to any external cause.
- Loss of components and loss due to insufficient screwing.
- Cutting components and any damage related to the loosening of parts.
- Overload or overheating.
- Poor power supply quality: faulty voltage, voltage error, etc.
- Damages resulting from the deprivation of enjoyment of the product during the time necessary for repairs and more generally the costs related to the immobilization of the product.
- The costs of a second opinion established by a third party following an estimate by a SWAP-Europe repair station
- The use of a product which would show a defect or a breakage which was not the subject of an immediate report and/or repair with the services of SWAP-Europe.
- Deterioration linked to transport and storage*.
- Launchers beyond 90 days.
- Oil, petrol, grease.
- Damages related to the use of non-compliant fuels or lubricants.

* In accordance with transport legislation, damage related to transport must be declared to carriers within 48 hours maximum after observation by registered letter with acknowledgement of receipt.

This document is a supplement to your notice, a non-exhaustive list.

Attention: all orders must be checked in the presence of the delivery person. In case of refusal by the delivery person, it you must simply refuse the delivery and notify your refusal.

Reminder: the reserves do not exclude the notification by registered letter with acknowledgement within 72 hours.

Information:

Thermal devices must be wintered each season (service available on the SWAP-Europe site). Batteries must be charged before being stored.



BUILDER SAS
32, rue Aristide Bergès - ZI 31270 Cugnaux – France
Made in PRC 2023