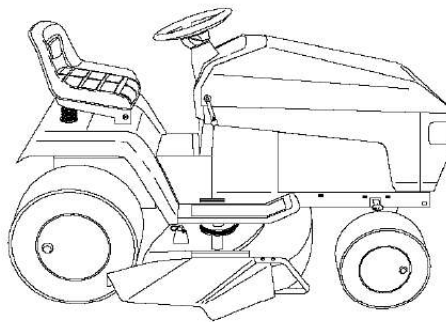




Your PDF Guides

You can read the recommendations in the user guide, the technical guide or the installation guide for HUSQVARNA LTH 125. You'll find the answers to all your questions on the HUSQVARNA LTH 125 in the user manual (information, specifications, safety advice, size, accessories, etc.). Detailed instructions for use are in the User's Guide.

User manual HUSQVARNA LTH 125
User guide HUSQVARNA LTH 125
Operating instructions HUSQVARNA LTH 125
Instructions for use HUSQVARNA LTH 125
Instruction manual HUSQVARNA LTH 125



LTH125



Owner's Manual



[You're reading an excerpt. Click here to read official HUSQVARNA LTH 125 user guide](http://yourpdfguides.com/dref/4739419)
<http://yourpdfguides.com/dref/4739419>

Manual abstract:

Stop machine if anyone enters the area. Never carry passengers. Do not mow in reverse unless absolutely necessary. Always look down and behind before and while backing. Be aware of the mower discharge direction and do not point it at anyone. Do not operate the mower without either the entire grass catcher or the guard in place. Slow down before turning. Never leave a running machine unattended. Always turn off blades, set parking brake, stop engine, and remove keys before dismounting. Turn off blades when not mowing.

Stop engine before removing grass catcher or unclogging chute. Mow only in daylight or good artificial light. Do not operate the machine while under the influence of alcohol or drugs. Watch for traffic when operating near or crossing roadways. @@@@Children are often attracted to the machine and the mowing activity.

Never assume that children will remain where you last saw them. @@Be alert and turn machine off if children enter the area. Before and when backing, look behind and down for small children. Never carry children. @@Never allow children to operate the machine.

Use extra care when approaching blind corners, shrubs, trees, or other objects that may obscure vision. IV. SERVICE • Use extra care in handling gasoline and other fuels. They are flammable and vapors are explosive. - Use only an approved container. - Never remove gas cap or add fuel with the engine running. Allow engine to cool before refueling. Do not smoke. - Never refuel the machine indoors. - Never store the machine or fuel container inside where there is an open flame, such as a water heater.

Never run a machine inside a closed area. Keep nuts and bolts, especially blade attachment bolts, tight and keep equipment in good condition. Never tamper with safety devices. Check their proper operation regularly. Keep machine free of grass, leaves, or other debris build-up. Clean oil or fuel spillage. Allow machine to cool before storing. Stop and inspect the equipment if you strike an object. Repair, if necessary, before restarting. Never make adjustments or repairs with the engine running.

Grass catcher components are subject to wear, damage, and deterioration, which could expose moving parts or allow objects to be thrown. Frequently check components and replace with manufacturer's recommended parts, when necessary. Mower blades are sharp and can cut. Wrap the blade(s) or wear gloves, and use extra caution when servicing them. Check brake operation frequently.

Adjust and service as required. •••••II. SLOPE OPERATION Slopes are a major factor related to loss-of-control and tipover accidents, which can result in severe injury or death. All slopes require extra caution. If you cannot back up the slope or if you feel uneasy on it, do not mow it.

DO: •Mow up and down slopes, not across. • Remove obstacles such as rocks, tree limbs, etc. • Watch for holes, ruts, or bumps. Uneven terrain could overturn the machine. Tall grass can hide obstacles. • Use slow speed. Choose a low gear so that you will not have to stop or shift while on the slope. • Follow the manufacturer's recommendations for wheel weights or counterweights to improve stability. • Use extra care with grass catchers or other attachments. These can change the stability of the machine.

• Keep all movement on the slopes slow and gradual. Do not make sudden changes in speed or direction. • Avoid starting or stopping on a slope. If tires lose traction, disengage the blades and proceed slowly straight down the slope. DO NOT: • Do not turn on slopes unless necessary, and then, turn slowly and gradually downhill, if possible. • Do not mow near drop-offs, ditches, or embankments. The mower could suddenly turn over if a wheel is over the edge of a cliff or ditch, or if an edge caves in. • Do not mow on wet grass. Reduced traction could cause sliding. • Do not try to stabilize the machine by putting your foot on the ground.

• Do not use grass catcher on steep slopes. • Look for this symbol to point out important safety precautions. It means CAUTION!!! BECOME ALERT!!! YOUR SAFETY IS INVOLVED. CAUTION: Always disconnect spark plug wire and place wire where it cannot contact spark plug in order to prevent accidental starting when setting up, transporting, adjusting or making repairs. 2 CONGRATULATIONS on your purchase of a new tractor.

It has been designed, engineered and manufactured to give you the best possible dependability and performance. Should you experience any problem you cannot easily remedy, please contact your nearest authorized service center. We have competent, well-trained technicians and the proper tools to service or repair this tractor. Please read and retain this manual. The instructions will enable you to assemble and maintain your tractor properly.

Always observe the "SAFETY RULES". MODEL NUMBER PRODUCT SPECIFICATIONS HORSEPOWER: GASOLINE CAPACITY AND TYPE: OIL TYPE (API-SF/SG): OIL CAPACITY: SPARK PLUG: (GAP: .030") VALVE CLEARANCE: GROUND SPEED (MPH): TIRE PRESSURE: 12.5 2 GALLONS UNLEADED REGULAR SAE 30 (above 32°F) SAE 5W-30 (below 32°F) 3.0 PINTS CHAMPION RJ19LM INTAKE: .005" - .007" EXHAUST: .009" - .011" FORWARD: 5.0 REVERSE: 2.

4 FRONT: 14 PSI REAR: 12 PSI 3 AMPS BATTERY 5 AMPS HEADLIGHTS BLADE BOLT TORQUE: 30-35 FT. LBS. LTH125 SERIAL NUMBER _____ DATE OF PURCHASE _____ THE MODEL AND SERIAL NUMBERS WILL BE FOUND ON A PLATE UNDER THE SEAT. YOU SHOULD RECORD BOTH SERIAL NUMBER AND DATE OF PURCHASE AND KEEP IN A SAFE PLACE FOR FUTURE REFERENCE. CHARGING SYSTEM: CUSTOMER RESPONSIBILITIES ••• Read and observe the safety rules. Follow a regular schedule in maintaining, caring for and using your tractor. Follow the instructions under "Customer Responsibilities" and "Storage" sections of this manual. WARNING: This unit is equipped with an internal combustion engine and should not be used on or near any unimproved forest-covered, brush-covered or grass-covered land unless the engine's exhaust system is equipped with a spark arrester meeting applicable local or state laws (if any). If a spark arrester is used, it should be maintained in effective working order by the operator. A spark arrester for the muffler is available through your nearest authorized service center/department (See REPAIR PARTS section of this manual).

3 TABLE OF CONTENTS SAFETY RULES.....

.....

.....

.....

.....

.....

.....

.....

.....

2 PRODUCT SPECIFICATIONS

.....

.....
.....
.....
... 3 CUSTOMER RESPONSIBILITIES ..
.....

..... 3, 15-19 ASSEMBLY .
.....
.....

.....
.....
.....

.....
... 6-9 OPERATION ..
.....

.....
.....
.....

.....
.. 10-14 MAINTENANCE SCHEDULE ...
.....

.....
.....
... 15 SERVICE AND ADJUSTMENTS .
.....

.....
.....
. 20-25 STORAGE
.....

.....
.....
.....

.....
.....
... 26 TROUBLESHOOTING

.....
.....
.....

..... 27-28 REPAIR PARTS - TRACTOR
.....
.....

..... 30-47 WARRANTY ..
.....
.....



<http://yourpdfguides.com/dref/4739419>

.... 5 Parts, Replacement/Repair

.....

30-47 Product Specifications.....

.....

.....

..3 B Battery: Charging ...

.....

.....

.....

.....

.....

. 7 Cleaning

.....

.....

.....

.....

..... 17 Installation .

.....

.....

.....

.....

.....

..... 8 Levels

.....

.....

.....

.....

.....

7,17 Preparation

.....

.....

.....

.....

7 Starting with Weak Battery

.....

24 Storage

.....

.....

.....

.....

..... 26 Terminals .

.....

.....

.....

.....

.....

.....

17 Belt: Motion Drive Removal/Replacement

..... 22 Mower Blade Drive Removal/Replacement

.....

..... 21 Blade: Sharpening ...

.....

.....

.....

.....

.....

. 16 Replacement

.....

.....

.....

.....

.....

.. 16 Brake Adjustment ...

.....
.. 50 Spark Plugs ...

.....
.....

.....
.....
.....

.. 19 Specifications

.....
.....
.....
.....

. 3 Starting the Engine

.....
.....
.....

13 Steering Wheel

.....
.....
.....

.. 6,23 Stopping the Tractor

.....
.....
.....

..... 11 Storage .

.....
.....
.....
.....

.....
.....
.....

.26 F Filter: Air Filter

.....
.....
.....

.....
.....
.....

..... 18 Fuel

.....
.....
.....
.....

.....
.....
.....

19 Fuel: Type

.....
.....
.....

.....
.....
.....

..... 12 Storage

.....
.....
.....
.....

... 26 Fuse

.....

15 Maintenance Schedule

. 15 Tire Care

.....

.....

..... 7,16,23 Cutting Height, Mower

.....

.....

.....

11 M Maintenance Schedule

.....

.....

... 15 Mower: Adjustment, Front-to-Back

... 21 Adjustment, Side-to-Side

.....

21 Blade Sharpening

.....

..... 16 Blade Replacement ..

.....

.....

..... 16 Cutting Height .

.....

.....

.....

..... 11 Installation ..

.....

.....

.....

.....

... 20 Operation

.....

.....

.....

..... 12 Removal .

.....

.....

.....

.....

.....

.. 20 Mowing Tipske. Fumes from charged battery acid are explosive. Read the instructions included with the battery vent caps.

Always wear gloves, clothing and goggles to protect your hands, skin and eyes. Your tractor has a battery charging system which is sufficient for normal use. However, periodic charging of the battery with an automotive charger will extend its life. • See instructions packed with vent caps in parts bag. • Fill battery with acid. Fill each cell until it reaches the bottom of the vent wells. Do not overfill. • Allow battery to stand and settle for at least thirty minutes. After standing, check the level of acid. If below the vent wells, add more acid until the corre 7) Install two latch hooks to mulcher plate using screw, washer, lock washer, and weld nut as shown.

NOTE: Pre-assemble weld nut to latch hook by inserting weld nut from the top with hook pointing down. • Tighten hardware securely. • Raise and hold deflector shield in upright position. • Place front of mulcher plate over front of mower deck opening and slide into place, as shown. • Hook front latch into hole on front of mower deck. • Hook rear latch into hole on back of mower deck. CAUTION: Do not remove discharge guard from mower. Raise and hold guard when attaching mulcher plate and allow it to rest on plate while in operation. • DEFLECTOR SHIELD LATCH HOOKS FIG. 7 TO CONVERT TO BAGGING OR DISCHARGING Simply remove mulcher plate and store in a safe place.

Your mower is now ready for discharging or installation of optional grass catcher accessory. HOOK POINTS DOWN CHECKLIST BEFORE YOU OPERATE AND ENJOY YOUR NEW TRACTOR, WE WISH TO ASSURE THAT YOU RECEIVE THE BEST PERFORMANCE AND SATISFACTION FROM THIS QUALITY PRODUCT. PLEASE REVIEW THE FOLLOWING CHECKLIST: All assembly instructions have been completed. No remaining loose parts in carton. Battery is properly prepared and charged.

(Minimum 1 hour at 6 amps). Seat is adjusted comfortably and tightened securely. All tires are properly inflated. (For shipping purposes, the tires were overinflated at the factory). Be sure mower deck is properly leveled side-to-side/ front-to-rear for best cutting results.

(Tires must be properly inflated for leveling). □ Check mower and drive belts. Be sure they are routed properly around pulleys and inside all belt keepers. □ Check wiring. See that all connections are still secure and wires are properly clamped. □ Before driving tractor, be sure freewheel control is in drive position. WHILE LEARNING HOW TO USE YOUR TRACTOR, PAY EXTRA ATTENTION TO THE FOLLOWING IMPORTANT ITEMS: □ Engine oil is at proper level. □ Fuel tank is filled with fresh, clean, regular unleaded gasoline. □ Become familiar with all controls - their location and function. Operate them before you start the engine.

□ Be sure brake system is in safe operating condition. □ It is important to purge the transmission before operating your tractor for the first time. Follow proper starting and transmission purging instructions (See "TO START ENGINE" and "PURGE TRANSMISSION" in Operation section of this manual). WELD NUT FROM THE TOP WELD NUT LOCK WASHER SCREW LATCH HOOK LATCH HOOK WASHER LOCK WASHER WASHER WELD NUT MULCHER PLATE SCREW FIG. 6 9 OPERATION KNOW YOUR TRACTOR READ THIS OWNER'S MANUAL AND SAFETY RULES BEFORE OPERATING YOUR TRACTOR Compare the illustrations with your tractor to familiarize yourself with the locations of various controls and adjustments. Save this manual for future reference. LIFT LEVER PLUNGER THROTTLE/CHOKE CONTROL LIGHT SWITCH POSITION ATTACHMENT LIFT LEVER ATTACHMENT CLUTCH LEVER CLUTCH/BRAKE PEDAL IGNITION SWITCH PARKING BRAKE FREEWHEEL CONTROL MOTION CONTROL LEVER HEIGHT ADJUSTMENT KNOB FIG. 8 Our tractors conform to the safety standards of the American National Standards Institute. ATTACHMENT CLUTCH LEVER: Used to engage the mower blades, or other attachments mounted to your tractor. THROTTLE/CHOKE CONTROL: Used for starting and controlling engine speed.

CLUTCH/BRAKE PEDAL: Used for declutching and braking the tractor and starting the engine. PARKING BRAKE: Locks clutch/brake pedal into the brake position. HEIGHT ADJUSTMENT KNOB - Used to adjust the mower height. MOTION CONTROL LEVER: Selects the speed and direction of tractor.

ATTACHMENT LIFT LEVER: Used to raise and lower the mower deck or other attachments mounted to your tractor.

LIFT LEVER PLUNGER: Used to release attachment lift lever when changing its position. IGNITION SWITCH: Used for starting and stopping the engine.

LIGHT SWITCH: Turns the headlights on and off. FREEWHEEL CONTROL: Disengages transmission for pushing or slowly towing the tractor with the engine off. 10 OPERATION The operation of any tractor can result in foreign objects thrown into the eyes, which can result in severe eye damage.

Always wear safety glasses or eye shields while operating your tractor or performing any adjustments or repairs. We recommend a wide vision safety mask for over the spectacles or standard safety glasses. HOW TO USE YOUR TRACTOR TO SET PARKING BRAKE (See Fig. 9) Your tractor is equipped with an operator presence sensing switch. When engine is running, any attempt by the operator to leave the seat without first setting the parking brake will shut off the engine. • Depress clutch/brake pedal into full "BRAKE" position and hold. • Place parking brake lever in "ENGAGED" position and release pressure from clutch/brake pedal.



[You're reading an excerpt. Click here to read official HUSQVARNA LTH 125 user guide](http://yourpdfguides.com/dref/4739419)

<http://yourpdfguides.com/dref/4739419>

Pedal should remain in "BRAKE" position. Make sure parking brake will hold tractor secure. "ENGAGED" POSITION THROTTLE/CHOKE CONTROL LEVER IGNITION KEY ATTACHMENT CLUTCH LEVER "DISENGAGED" POSITION • Turn ignition key to "OFF" position and remove key.

Always remove key when leaving tractor to prevent unauthorized use. • Never use choke to stop engine. NOTE: Under certain conditions when tractor is standing idle with the engine running, hot engine exhaust gases may cause "browning" of grass. To eliminate this possibility, always stop engine when stopping tractor on grass areas. CAUTION: Always stop tractor completely, as described above, before leaving the operator's position; to empty grass catcher, etc. TO USE THROTTLE CONTROL (See Fig. 9) Always operate engine at full throttle. • Operating engine at less than full throttle reduces the battery charging rate. • Full throttle offers the best bagging and mower performance. PARKING BRAKE "ENGAGED" POSITION "BRAKE" POSITION "DISENGAGED" POSITION TO MOVE FORWARD AND BACKWARD (See Fig.

9) The direction and speed of movement is controlled by the motion control lever. • Start tractor with clutch/brake pedal depressed and motion control lever in neutral (N) position. • Release parking brake and clutch/pedal. • Slowly move motion control lever to desired position. MOTION CONTROL LEVER CLUTCH/BRAKE PEDAL "DRIVE" POSITION HEIGHT ADJUSTMENT KNOB FIG.

9 TO ADJUST MOWER CUTTING HEIGHT (See Fig. 9) The cutting height is controlled by turning the height adjustment knob in desired direction. • Turn knob clockwise () to raise cutting height. • Turn knob counterclockwise () to lower cutting height. The cutting height range is approximately 1-1/2" to 4". The heights are measured from the ground to the blade tip with the engine not running. These heights are approximate and may vary depending upon soil conditions, height of grass and types of grass being mowed. • The average lawn should be cut to approximately 2-1/2 inches during the cool season and to over 3 inches during hot months. For healthier and better looking lawns, mow often and after moderate growth. • For best cutting performance, grass over 6 inches in height should be mowed twice. Make the first cut relatively high; the second to desired height. STOPPING (See Fig. 9) MOWER BLADES • Move attachment clutch lever to "DISENGAGED" position. GROUND DRIVE • Depress clutch/brake pedal into full "BRAKE" position. • Move motion control lever to neutral (N) position.

IMPORTANT: THE MOTION CONTROL LEVER DOES NOT RETURN TO NEUTRAL (N) POSITION WHEN THE CLUTCH/BRAKE PEDAL IS DEPRESSED. ENGINE • Move throttle control to slow () position. NOTE: Failure to move throttle control to slow () position and allowing engine to idle before stopping may cause engine to "backfire". 11 OPERATION TO OPERATE MOWER (See Fig. 10) Your tractor is equipped with an operator presence sensing switch. Any attempt by the operator to leave the seat with the engine running and the mower clutch engaged will shut off the engine. • Select desired height of cut. • Lower mower with attachment lift control. • Start mower blades by engaging attachment clutch control. • TO STOP MOWER BLADES - disengage attachment clutch control.

CAUTION: Do not operate the mower without either the entire grass catcher, on mowers so equipped, or the discharge guard in place. ATTACHMENT LIFT LEVER HIGH POSITION LOW POSITION • Slowly move motion control lever to slowest setting. Make all turns slowly. TO TRANSPORT (See Fig. 11)

When pushing or towing your tractor, be sure to disengage transmission by placing freewheel control in freewheeling position. Free wheel control is located at the rear drawbar of tractor. • Raise attachment lift to highest position with attachment lift control. • Pull freewheel control knob out and hold in position by inserting retainer spring into forward hole of control rod. • Do not push or tow tractor at more than two (2) MPH. • To reengage transmission, reverse above procedure.

NOTE: To protect hood from damage when transporting your tractor on a truck or a trailer, be sure hood is closed and secured to tractor. Use an appropriate means of tying hood to tractor (rope, cord, etc.). "DISENGAGED" POSITION ATTACHMENT CLUTCH LEVER "ENGAGED" POSITION FIG.

11 BEFORE STARTING THE ENGINE CHECK ENGINE OIL LEVEL (See Fig. 17) FIG. 10 ••• The engine in your tractor has been shipped, from the factory, already filled with summer weight oil. Check engine oil with tractor on level ground. Unthread and remove oil fill cap/dipstick; wipe oil off. Reinsert the dipstick into the tube and rest oil fill cap on the tube.

Do not thread the cap onto the tube. Remove and read oil level. If necessary, add oil until "FULL" mark on dipstick is reached. Do not overfill. For cold weather operation you should change oil for easier starting (see "OIL VISCOSITY CHART" in the Customer Responsibilities section of this manual). To change engine oil, see the Customer Responsibilities section in this manual. TO OPERATE ON HILLS CAUTION: Do not drive up or down hills with slopes greater than 15° and do not drive across any slope. •••• Choose the slowest speed before starting up or down hills. Avoid stopping or changing speed on hills. If slowing is necessary, move throttle control lever to slower position.

If stopping is absolutely necessary, push clutch/brake pedal quickly to brake position and engage parking brake. Move motion control lever to neutral (N) position. •• ADD GASOLINE • Fill fuel tank. Use fresh, clean, regular unleaded gasoline. (Use of leaded gasoline will increase carbon and lead oxide deposits and reduce valve life).

IMPORTANT: THE MOTION CONTROL LEVER DOES NOT RETURN TO NEUTRAL (N) POSITION WHEN THE CLUTCH/BRAKE PEDAL IS DEPRESSED. • To restart movement, slowly release parking brake and clutch/brake pedal. **IMPORTANT: WHEN OPERATING IN TEMPERATURES BELOW 32°F(0°C), USE FRESH, CLEAN WINTER GRADE GASOLINE TO HELP INSURE GOOD COLD WEATHER STARTING.** 12 OPERATION MOWING TIPS •••• Tire chains cannot be used when the mower housing is attached to tractor. Mower should be properly leveled for best mowing performance.

See "TO LEVEL MOWER HOUSING" in the Service and Adjustments section of this manual. The left hand side of mower should be used for trimming. Drive so that clippings are discharged onto the area that has been cut. Have the cut area to the right of the machine. This will result in a more even distribution of clippings and more uniform cutting. When mowing large areas, start by turning to the right so that clippings will discharge away from shrubs, fences, driveways, etc. After one or two rounds, mow in the opposite direction making left hand turns until finished (See Fig.



[You're reading an excerpt. Click here to read official HUSQVARNA LTH 125 user guide](http://yourpdfguides.com/dref/4739419)
<http://yourpdfguides.com/dref/4739419>

12). If grass is extremely tall, it should be mowed twice to reduce load and possible fire hazard from dried clippings. Make first cut relatively high; the second to the desired height.

Do not mow grass when it is wet. Wet grass will plug mower and leave undesirable clumps. Allow grass to dry before mowing. Always operate engine at full throttle when mowing to assure better mowing performance and proper discharge of material. Regulate ground speed by selecting a low enough gear to give the mower cutting performance as well as the quality of cut desired. When operating attachments, select a ground speed that will suit the terrain and give best performance of the attachment being used. **MULCHING MOWING TIPS IMP OR TAN T: FO R BES T PER FO RMA NC E, KE EP MOWER HOUSING FREE OF BUILT-UP GRASS AND TRASH. CLEAN AFTER EACH USE. •••••** The special mulching blade will recut the grass clippings many times and reduce them in size so that as they fall onto the lawn they will disperse into the grass and not be noticed. Also, the mulched grass will biodegrade quickly to provide nutrients for the lawn.

Always mulch with your highest engine (blade) speed as this will provide the best recutting action of the blades. Avoid cutting your lawn when it is wet. Wet grass tends to form clumps and interferes with the mulching action. The best time to mow your lawn is the early afternoon. At this time the grass has dried and the newly cut area will not be exposed to the direct sun.

For best results, adjust the mower cutting height so that the mower cuts off only the top one-third of the grass blades (See Fig. 13). For extremely heavy mulching, reduce your width of cut on each pass and mow slowly. **MAX 1/3 •••FIG. 13 •** Certain types of grass and grass conditions may require that an area be mulched a second time to completely hide the clippings.

When doing a second cut, mow across or perpendicular to the first cut path. Change your cutting pattern from week to week. Mow north to south one week then change to east to west the next week. This will help prevent matting and graining of the lawn. • **FIG. 12 14 CUSTOMER RESPONSIBILITIES GENERAL RECOMMENDATIONS** The warranty on this tractor does not cover items that have been subjected to operator abuse or negligence. To receive full value from the warranty, operator must maintain tractor as instructed in this manual. Some adjustments will need to be made periodically to properly maintain your tractor. All adjustments in the Service and Adjustments section of this manual should be checked at least once each season. • **Once a year you should replace the spark plug, clean or replace air filter, and check blades and belts for wear.**

A new spark plug and clean air filter assure proper air-fuel mixture and help your engine run better and last longer. **LUBRICATION CHART 2 SPINDLE ZERK SPINDLE ZERK 2 2 FRONT WHEEL BEARING ZERK FRONT WHEEL 2 BEARING ZERK ENGINE 3 1 ATTACHMENT CLUTCH PIVOT(S) BEFORE EACH USE •••••** Check engine oil level. Check brake operation. Check tire pressure. Check for loose fasteners. **1 SAE 30 OR 10W30 MOTOR OIL API 2 GENERAL PURPOSE GREASE 3 REFER TO CUSTOMER RESPONSIBILITIES "ENGINE" SECTION IMPORTANT: DO NOT OIL OR GREASE THE PIVOT POINTS WHICH HAVE SPECIAL NYLON BEARINGS. VISCOUS LUBRICANTS WILL ATTRACT DUST AND DIRT THAT WILL SHORTEN THE LIFE OF THE SELF-LUBRICATING BEARINGS. IF YOU FEEL THEY MUST BE LUBRICATED, USE ONLY A DRY, POWDERED GRAPHITE TYPE LUBRICANT SPARINGLY. 15 CUSTOMER RESPONSIBILITIES TRACTOR** Always observe safety rules when performing any maintenance. **TO SHARPEN BLADE (See Fig.**

15) Care should be taken to keep the blade balanced. An unbalanced blade will cause excessive vibration and eventual damage to mower and engine. • **The blade can be sharpened with a file or on a grinding wheel. Do not attempt to sharpen while on the mower. •To check blade balance, you will need a 5/8" diameter steel bolt, pin, or a cone balancer.**

(When using a cone balancer, follow the instructions supplied with balancer). • **Slide blade on to an unthreaded portion of the steel bolt or pin and hold the bolt or pin parallel with the ground. If blade is balanced, it should remain in a horizontal position. If either end of the blade moves downward, sharpen the heavy end until the blade is balanced. NOTE: Do not use a nail for balancing blade.**

The lobes of the center hole may appear to be centered, but are not. **BRAKE OPERATION** If tractor requires more than six (6) feet stopping distance at high speed in highest gear, then brake must be adjusted. (See "TO ADJUST BRAKE" in the Service and Adjustments section of this manual). **TIRES •••** Maintain proper air pressure in all tires (See "PRODUCT SPECIFICATIONS" on page 3 of this manual). Keep tires free of gasoline, oil, or insect control chemicals which can harm rubber. Avoid stumps, stones, deep ruts, sharp objects and other hazards that may cause tire damage. **BLADE CARE** For best results mower blades must be kept sharp. Replace bent or damaged blades. **CENTER HOLE BLADE REMOVAL (See Fig. 14) •••••** Raise mower to highest position to allow access to blades.

Remove hex bolt, lock washer and flat washer securing blade. Install new or resharpened blade with trailing edge up towards deck as shown. Reassemble hex bolt, lock washer and flat washer in exact order as shown. Tighten bolt securely (30-35 Ft. Lbs. torque). **BLADE 5/8" BOLT OR PIN IMPORTANT: BLADE BOLT IS GRADE 8 HEAT TREATED. BLADE MANDREL ASSEMBLY FIG. 15 TRAILING EDGE FLAT WASHER LOCK WASHER HEX BOLT (GRADE 8)***
*A GRADE 8 HEAT TREATED BOLT CAN BE IDENTIFIED BY SIX LINES ON THE BOLT HEAD. FIG.

14 16 **CUSTOMER RESPONSIBILITIES BATTERY (See Fig. 16)** Your tractor has a battery charging system which is sufficient for normal use. However, periodic charging of the battery with an automotive charger will extend it's life. • **Acid solution level in each battery cell should be even with bottoms of vent wells. Add only distilled or iron free water if necessary.**

Do not overfill. • **Keep battery and terminals clean. • Keep battery bolts tight. • Keep vent caps tight and small vent holes in caps open. • Recharge at 6 amperes for 1 hour.**

TO CLEAN BATTERY AND TERMINALS Corrosion and dirt on the battery and terminals can cause the battery to "leak" power. • **Open battery box door. • Disconnect BLACK battery cable first then RED battery cable and remove battery from tractor. • Wash battery with solution of four tablespoons of baking soda to one gallon of water. Be careful not to get the soda solution into the cells. • Rinse the battery with plain water and dry. • Clean terminals and battery cable ends with wire brush until bright. • Coat terminals with grease or petroleum jelly. • Reinstall battery (See "INSTALL BATTERY" in the Assembly section of this manual). **TRANSAXLE COOLING** The fan and cooling fins of transmission should be kept clean to assure proper cooling.**



[You're reading an excerpt. Click here to read official HUSQVARNA LTH 125 user guide](http://yourpdfguides.com/dref/4739419)
<http://yourpdfguides.com/dref/4739419>

Do not attempt to clean fan or transmission while engine is running or while the transmission is hot. • Inspect cooling fan to be sure fan blades are intact and clean. • Inspect cooling fins for dirt, grass clippings and other materials. To prevent damage to seals, do not use compressed air or high pressure sprayer to clean cooling fins. TRANSAXLE PUMP FLUID The transaxle was sealed at the factory and fluid maintenance is not required for the life of the transaxle. Should the transaxle ever leak or require servicing, contact your nearest authorized service center/department. CUT AWAY VIEW VENT CAP VENT WELL BATTERY CELL ACID LEVEL FIG. @@The belts are not adjustable. @@@@All oil must meet API service classification SF or SG. • Be sure tractor is on level surface.

• Oil will drain more freely when warm. • Catch oil in a suitable container. • Remove oil fill cap/dipstick. Be careful not to allow dirt to enter the engine when changing oil. • Remove drain plug.

@@• Refill engine with oil through oil fill dipstick tube. Pour slowly. Do not overfill. @@• Use gauge on oil fill cap/dipstick for checking level. Be sure dipstick cap is tightened securely for accurate reading.

@@18 AIR FILTER (See Fig. 18) Your engine will not run properly using a dirty air filter. @@@Service air cleaner more often under dusty conditions. • Remove knob(s) and cover. TO SERVICE PRE-CLEANER • Slide foam pre-cleaner off cartridge. • Wash it in liquid detergent and water. • Squeeze it dry in a clean cloth. • Saturate it in engine oil. Wrap it in clean, absorbent cloth and squeeze to remove excess oil. • If very dirty or damaged, replace pre-cleaner.

• Reinstall pre-cleaner over cartridge. • Reinstall cover and secure with knob(s). TO SERVICE CARTRIDGE • Remove cartridge nut. @@Clean base carefully to prevent debris from entering carburetor. • Clean cartridge by tapping gently on flat surface. If very dirty or damaged, replace cartridge.

@@THEY MAY CAUSE DETERIORATION OF THE CARTRIDGE. DO NOT OIL CARTRIDGE. @@17 18 CUSTOMER RESPONSIBILITIES ENGINE COOLING FINS (See Fig. @@@@• Cover oil fill opening to prevent entry of dirt.

@@@@20) The fuel filter should be replaced once each season. @@• With engine cool, remove filter and plug fuel line sections. • Place new fuel filter in position in fuel line. @@@@19 CLEANING FIG. @@@@of all foreign matter.

@@• Protect painted surfaces with automotive type wax. @@@@• Place motion control lever in neutral (N) position. • Place attachment clutch in "DISENGAGED" position. • Turn ignition key "OFF" and remove key. @@@@21) Mower will be easier to remove from the right side of tractor.

• Place attachment clutch in "DISENGAGED" position. • Move attachment lift lever forward to lower mower to its lowest position. • Roll belt off engine pulley. • Disconnect clutch rod from clutch lever by removing retainer spring. • Disconnect anti-sway bar from chassis bracket by removing retainer spring. • Disconnect suspension arms from rear deck brackets by removing retainer springs. • Disconnect front links from deck by removing retainer springs. • Raise lift lever to raise suspension arms. Slide mower out from under tractor. IMPORTANT: IF AN ATTACHMENT OTHER THAN THE MOWER IS TO BE MOUNTED TO THE TRACTOR, THE R.

H. AND L.H. SUSPENSION ARMS MUST BE REMOVED FROM TRACTOR. CLUTCH LEVER CLUTCH ROD SUSPENSION ARMS RETAINER SPRING ENGINE PULLEY RETAINER SPRINGS (BOTH SIDES) RETAINER SPRING ANTI-SWAY BAR TO INSTALL MOWER (See Fig. 21) •••• Raise attachment lift lever to its highest position. Slide mower under tractor with discharge guard to right side of tractor. Lower lift lever to its lowest position. Install mower in reverse order of removal instructions. RETAINER SPRINGS (BOTH SIDES) FIG.

21 20 SERVICE AND ADJUSTMENTS TO LEVEL MOWER HOUSING Adjust the mower while tractor is parked on level ground or driveway. Make sure tires are properly inflated (See "PRODUCT SPECIFICATIONS" on page 3 of this manual). If tires are over or underinflated, you will not properly adjust your mower. SIDE-TO-SIDE ADJUSTMENT (See Figs. 22 and 23) • Raise mower to its highest position.

• At the midpoint of both sides of mower, measure height from bottom edge of mower to ground. Distance "A" on both sides of mower should be the same or within 1/4" of each other. • If adjustment is necessary, make adjustment on one side of mower only. • To raise one side of mower, tighten lift link adjustment nut on that side. • To lower one side of mower, loosen lift link adjustment nut on that side.

NOTE: Three full turns of adjustment nut will change mower height about 1/8". • Recheck measurements after adjusting. BOTTOM EDGE OF MOWER TO GROUND FRONT-TO-BACK ADJUSTMENT (See Figs. 24 and 25) IMPORTANT: DECK MUST BE LEVEL SIDE-TO-SIDE. IF THE FOLLOWING FRONT-TO-BACK ADJUSTMENT IS NECESSARY, BE SURE TO ADJUST BOTH FRONT LINKS EQUALLY SO MOWER WILL STAY LEVEL SIDE-TOSIDE. To obtain the best cutting results, the mower housing should be adjusted so that the front is approximately 1/4" to 3/4" lower than the rear when the mower is in its highest position. Check adjustment on right side of tractor. Measure distance "D" directly in front and behind the mandrel at bottom edge of mower housing as shown. • Before making any necessary adjustments, check that both front links are equal in length. Both links should be approximately 10-3/8".

@@@@22 SUSPENSION ARM FIG. @@23 FRONT LINKS TRUNNION 21 FIG. @@26) The mower blade drive belt may be replaced without tools. Park the tractor on level surface. Engage parking brake. @@• Work belt off both mandrel pulleys and idler pulleys. • Pull belt away from mower. @@• Make sure belt is in all pulley grooves and inside all belt guides. • Install mower in reverse order of removal instructions. MANDREL PULLEY IDLER PULLEYS NUT "A" WITH PARKING BRAKE "ENGAGED" JAM NUT OPERATING ARM FIG.

27 TO REPLACE MOTION DRIVE BELT (See Fig.28) Park the tractor on level surface. Engage parking brake. For assistance, there is a belt installation guide decal on bottom side of left footrest. • Remove mower (See "TO REMOVE MOWER" in this section of this manual.

) • Remove upper belt keeper. • Remove belt from stationary idler and clutching idler. • Pull belt slack toward rear of tractor. Carefully remove belt upwards from transmission input pulley and over cooling fan blades. • Pull belt toward front of tractor and remove downward from around engine pulley.

• Install new belt by reversing above procedure. IMPORTANT: MAKE SURE UPPER BELT KEEPER IS POSITIONED PROPERLY BETWEEN LOCATOR TABS. ENGINE PULLEY CLUTCHING IDLER STATIONARY IDLER UPPER BELT KEEPER MANDREL PULLEY FIG.



[You're reading an excerpt. Click here to read official HUSQVARNA LTH 125 user guide](http://yourpdfguides.com/dref/4739419)
<http://yourpdfguides.com/dref/4739419>

26 TO ADJUST BRAKE (See Fig. 27) Your tractor is equipped with an adjustable brake system which is mounted on the right side of the transaxle. If tractor requires more than six (6) feet stopping distance at high speed in highest gear, then brake must be adjusted. • Depress clutch/brake pedal and engage parking brake. • Measure distance between brake operating arm and nut "A" on brake rod. • If distance is other than 1-3/4", loosen jam nut and turn nut "A" until distance becomes 1-3/4". Retighten jam nut against nut "A".

• Road test tractor for proper stopping distance as stated above. Readjust if necessary. If stopping distance is still greater than six (6) feet in highest gear, further maintenance is necessary. Contact your nearest authorized service center. **LOCATOR TABS TRANSMISSION INPUT PULLEY FIG. 28 22 SERVICE AND ADJUSTMENTS TO ADJUST MOTION CONTROL LEVER** (See Fig.29) The motion control lever has been preset at the factory and adjustment should not be necessary. If for any reason the motion control lever will not hold its position while at a selected speed, it may be adjusted at the friction pack located on the right side of transmission. • Park tractor on level surface. Stop tractor by turning ignition key to "OFF" position, and engage parking brake.

• Adjust motion control lever by tightening adjustment locknut one half (1/2) turn. NOTE: If for any reason the effort to move the motion control lever becomes too excessive, reverse the above adjustment procedure by loosening locknut 1/4 to 1/2 turn. Road test tractor after adjustment and repeat procedure if necessary. **TO ADJUST STEERING WHEEL ALIGNMENT** If steering wheel crossbars are not horizontal (left to right) when wheels are positioned straight forward, remove steering wheel and reassemble per instructions in the Assembly section of this manual. **FRONT WHEEL TOE-IN/CAMBER** The front wheel toe-in and camber are not adjustable on your tractor.

If damage has occurred to affect the front wheel toe-in or camber, contact your nearest authorized service center. **TO REMOVE WHEEL FOR REPAIRS** (See Fig. 30) ••••• Block up axle securely. Remove axle cover, retaining ring and washers to allow wheel removal (rear wheel contains a square key - Do not lose). Repair tire and reassemble.

On rear wheels only: align grooves in rear wheel hub and axle. Insert square key. Replace washers and snap retaining ring securely in axle groove. Replace axle cover. **WASHERS ADJUSTMENT LOCKNUT RETAINING RING FIG. 29 TRANSMISSION REMOVAL/REPLACEMENT** Should your transmission require removal for service or replacement, it should be purged after reinstallation before operating the tractor. See "Purge transmission" in Operation section of this manual. **AXLE COVER SQUARE KEY (REAR WHEEL ONLY) FIG. 30 23 SERVICE AND ADJUSTMENTS TO START ENGINE WITH A WEAK BATTERY** (See Fig. 31) CAUTION: Lead-acid batteries generate explosive gases.

Keep sparks, flame and smoking materials away from batteries. Always wear eye protection when around batteries. If your battery is too weak to start the engine, it should be recharged. If "jumper cables" are used for emergency starting, follow this procedure: **IMPORTANT: YOUR TRACTOR IS EQUIPPED WITH A 12 VOLT NEGATIVE GROUNDED SYSTEM. THE OTHER VEHICLES ARE A 12 VOLT NEGATIVE GROUNDED SYSTEM. DO NOT USE YOUR TRACTOR BATTERY TO START OTHER VEHICLES. TO ATTACH JUMPER CABLES - TO REPLACE FUSE** Replace with 30 amp automotive-type plug-in fuse. The fuse holder is located behind the dash. **TO REPLACE HEADLIGHT BULB** ••••• Raise hood. Pull bulb holder out of the hole in the backside of the grill.

Replace bulb in holder and push bulb holder securely back into the hole in the backside of the grill. Close hood. **INTERLOCKS AND RELAYS** Loose or damaged wiring may cause your tractor to run poorly, stop running or prevent it from starting. • Check wiring. See the electrical wiring diagram in the Repair Parts section of this manual.

••• Connect each end of the RED cable to the POSITIVE (+) terminal of each battery, taking care not to short against chassis. Connect one end of the BLACK cable to the NEGATIVE (-) terminal of fully charged battery. Connect the other end of the BLACK cable to a good CHASSIS GROUND, away from fuel tank and battery. **TO REMOVE HOOD AND GRILL ASSEMBLY** (See Fig.32) ••••• Raise hood.

Unsnap headlight wire connector. Stand in front of tractor. Grasp hood at sides, tilt toward engine and lift off of tractor. To replace, reverse above procedure. **TO REMOVE CABLES, REVERSE ORDER** • BLACK cable first from chassis and then from the fully charged battery. • RED cable last from both batteries. **POSITIVE TERMINAL NEGATIVE TERMINAL HOOD HEADLIGHT WIRE CONNECTOR CHASSIS CABLES FIG. 32 CHARGED BATTERY POSITIVE TERMINAL NEGATIVE TERMINAL FIG. 31 24 SERVICE AND ADJUSTMENTS ENGINE TO ADJUST THROTTLE CONTROL CABLE** (See Fig.33) The throttle control has been preset at the factory and adjustment should not be necessary.

Check adjustment as described below before loosening cable. If adjustment is necessary, proceed as follows: • With engine not running, move throttle control lever from slow () to choke () position. Slowly move lever from choke () to fast () position. • Check that holes "A" in governor control lever and hole in governor plate line-up. If holes "A" are not aligned, loosen clamp screw and move throttle cable until holes are aligned. Tighten clamp screw securely.

GOVERNOR CONTROL LEVER GOVERNOR CONTROL PLATE FINAL SETTING • Start engine and allow to warm for five minutes. Make final adjustments with engine running and shift/motion control lever in neutral (N) position. • Move throttle control lever to slow () position. With finger, rotate and hold throttle lever against idle speed screw.

Turn idle speed screw to attain 1750 RPM. • While still holding throttle lever against idle speed screw, turn idle mixture valve in (clockwise) until engine begins to die and then turn out (counterclockwise) until engine runs rough. Turn valve to a point midway between those two positions. Release throttle lever. **ACCELERATION TEST** • Move throttle control lever from slow () to fast () position.

If engine hesitates or dies, turn idle mixture valve out (counterclockwise) 1/8 turn. Repeat test and continue to adjust, if necessary, until engine accelerates smoothly. High speed stop is factory adjusted. Do not adjust damage may result. **IMPORTANT: NEVER TAMPER WITH THE ENGINE GOVERNOR, WHICH IS FACTORY SET FOR PROPER ENGINE SPEED.**

OVERSPEEDING THE ENGINE ABOVE THE FACTORY HIGH SPEED SETTING CAN BE DANGEROUS. IF YOU THINK THE ENGINE-GOVERNED HIGH SPEED NEEDS ADJUSTING, CONTACT YOUR NEAREST AUTHORIZED SERVICE CENTER/ DEPARTMENT, WHICH HAS PROPER EQUIPMENT AND EXPERIENCE TO MAKE ANY NECESSARY ADJUSTMENTS. THROTTLE LEVER IDLE SPEED SCREW HOLES "A" CLAMP SCREW THROTTLE CABLE FIG.



[You're reading an excerpt. Click here to read official HUSQVARNA LTH 125 user guide](http://yourpdfguides.com/dref/4739419)
<http://yourpdfguides.com/dref/4739419>

33 TO ADJUST CARBURETOR (See Fig. 34) The carburetor has been preset at the factory and adjustment should not be necessary. However, minor adjustment may be required to compensate for differences in fuel, temperature, altitude or load. If the carburetor does need adjustment, proceed as follows: In general, turning idle mixture valve in (clockwise) decreases the supply of fuel to the engine giving a leaner fuel/ air mixture. Turning the idle mixture valve out (counterclockwise) increases the supply of fuel to the engine giving a richer fuel/air mixture. **IMPORTANT: DAMAGE TO THE NEEDLE VALVE AND THE SEAT IN CARBURETOR MAY RESULT IF SCREW IS TURNED IN TOO TIGHT. IDLE MIXTURE VALVE PRELIMINARY SETTING** • Air cleaner assembly must be assembled to the carburetor when making carburetor adjustments.

• Be sure the throttle control cable is adjusted properly (see above). • With engine off turn idle mixture valve in (clockwise) closing it finger tight and then turn out (counterclockwise) 1 full turn. **FIG. 34 25 STORAGE** Immediately prepare your tractor for storage at the end of the season or if the tractor will not be used for 30 days or more. **CAUTION:** Never store the tractor with gasoline in the tank inside a building where fumes may reach an open flame or spark. Allow the engine to cool before storing in any enclosure. **ENGINE FUEL SYSTEM IMPORTANT: IT IS IMPORTANT TO PREVENT GUM DEPOSITS FROM FORMING IN ESSENTIAL FUEL SYSTEM PARTS SUCH AS CARBURETOR, FUEL FILTER, FUEL HOSE, OR TANK DURING STORAGE. ALSO, EXPERIENCE INDICATES THAT ALCOHOL BLENDED FUELS (CALLED GASOHOL OR USING ETHANOL OR METHANOL) CAN ATTRACT MOISTURE WHICH LEADS TO SEPARATION AND FORMATION OF ACIDS DURING STORAGE. ACIDIC GAS CAN DAMAGE THE FUEL SYSTEM OF AN ENGINE WHILE IN STORAGE. TRACTOR** Remove mower from tractor for winter storage.

When mower is to be stored for a period of time, clean it thoroughly, remove all dirt, grease, leaves, etc. Store in a clean, dry area. • Clean entire tractor (See "CLEANING" in the Customer Responsibilities section of this manual). • Inspect and replace belts, if necessary (See belt replacement instructions in the Service and Adjustments section of this manual). • Lubricate as shown in the Customer Responsibilities section of this manual.

• Be sure that all nuts, bolts and screws are securely fastened. Inspect moving parts for damage, breakage and wear. Replace if necessary. • Touch up all rusted or chipped paint surfaces; sand lightly before painting. • Drain the fuel tank.

Start the engine and let it run until the fuel lines and carburetor are empty. • Never use engine or carburetor cleaner products in the fuel tank or permanent damage may occur. • Use fresh fuel next season. **NOTE:** Fuel stabilizer is an acceptable alternative in minimizing the formation of fuel gum deposits during storage. Add stabilizer to gasoline in fuel tank or storage container. Always follow the mix ratio found on stabilizer container. Run engine at least 10 minutes after adding stabilizer to allow the stabilizer to reach the carburetor. Do not drain the gas tank and carburetor if using fuel stabilizer. **ENGINE OIL** Drain oil (with engine warm) and replace with clean engine oil. (See "ENGINE" in the Customer Responsibilities section of this manual).

BATTERY ••• Fully charge the battery for storage. After a period of time in storage, battery may require recharging. To help prevent corrosion and power leakage during long periods of storage, battery cables should be disconnected and battery cleaned thoroughly (see "TO CLEAN BATTERY AND TERMINALS" in the Customer Responsibilities section of this manual). After cleaning, leave cables disconnected and place cables where they cannot come in contact with battery terminals. Be sure battery drain tube is securely attached. If battery is removed from tractor for storage, do not store battery directly on concrete or damp surfaces. **CYLINDERS** •••• Remove spark plug(s). Pour one ounce of oil through spark plug hole(s) into cylinder(s). Turn ignition key to "START" position for a few seconds to distribute oil. Replace with new spark plug(s).

•••• **OTHER** •••• Do not store gasoline from one season to another. Replace your gasoline can if your can starts to rust. Rust and/or dirt in your gasoline will cause problems. If possible, store your tractor indoors and cover it to give protection from dust and dirt. Cover your tractor with a suitable protective cover that does not retain moisture.

Do not use plastic. Plastic cannot breathe which allows condensation to form and will cause your tractor to rust. **IMPORTANT: NEVER COVER TRACTOR WHILE ENGINE AND EXHAUST AREAS ARE STILL WARM. 26 TROUBLESHOOTING POINTS PROBLEM** Will not start **CAUSE 1. 2.**
3. 4. 5. 6. 7. 8. 9. 10. Out of fuel. Engine not "CHOKED" properly.

Engine flooded. Bad spark plug. Dirty air filter. Dirty fuel filter. Water in fuel. Loose or damaged wiring. Carburetor out of adjustment. Engine valves out of adjustment. **CORRECTION 1. 2.**
3. 4. 5. 6. 7.

8. 9. 10. Fill fuel tank. See "TO START ENGINE" in Operation section.

Wait several minutes before attempting to start. Replace spark plug. Clean/replace air filter. Replace fuel filter. Drain fuel tank and carburetor, refill tank with fresh gasoline and replace fuel filter. Check all wiring. Contact an authorized service center/department. Contact an authorized service center/department. Hard to start **1. 2.**

3. 4. 5. 6. 7. 8. Dirty air filter. Bad spark plug. Weak or dead battery. Dirty fuel filter.
Stale or dirty fuel. Loose or damaged wiring. Carburetor out of adjustment. Engine valves out of adjustment. **1.**
2. 3. 4. 5. 6.

7. 8. Clean/replace air filter. Replace spark plug. Recharge or replace battery. Replace fuel filter. Drain fuel tank and refill with fresh gasoline. Check all wiring. Contact an authorized service center/department. Contact an authorized service center/department.

Engine will not turn over **1. 2. 3. 4. 5. 6. 7. 8. 9.** Clutch/brake pedal not depressed.
Attachment clutch is engaged. Weak or dead battery. Blown fuse. Corroded battery terminals. Loose or damaged wiring.
Faulty ignition switch. Faulty solenoid or starter. Faulty operator presence switch(es). **1. 2.**
3. 4. 5. 6. 7. 8. 9. Depress clutch/brake pedal. Disengage attachment clutch. Recharge or replace battery.

Replace fuse. Clean battery terminals. Check all wiring. Check/replace ignition switch. Check/replace solenoid or starter. Contact an authorized service center/department. Engine clicks but will not start **1. 2. 3. 4.**
Weak or dead battery. Corroded battery terminals. Loose or damaged wiring. Faulty solenoid or starter. **1.**
2. 3. 4. Recharge or replace battery. Clean battery terminals.
Check all wiring. Check/replace solenoid or starter. Loss of power **1. 2. 3. 4. 5. 6. 7. 8.**

9. 10. 11. 12. 13. 14. 15. Cutting too much grass/too fast. Throttle in "CHOKE" position. Build-up of grass, leaves and trash under mower.
Dirty air filter. Low oil level/dirty oil.



[You're reading an excerpt. Click here to read official HUSQVARNA
LTH 125 user guide](http://yourpdfguides.com/dref/4739419)
<http://yourpdfguides.com/dref/4739419>

Faulty spark plug. Dirty fuel filter. Stale or dirty fuel.
Water in fuel. Spark plug wire loose. Dirty engine air screen/fins. Dirty/clogged muffler. Loose or damaged wiring.
Carburetor out of adjustment. Engine valves out of adjustment. 1. 2. 3. 4. 5. 6. 7. 8.

9. 10. 11. 12. 13. 14. 15. Set in "Higher Cut" position/reduce speed. Adjust throttle control. Clean underside of mower housing.
Clean/replace air filter. Check oil level/change oil. Clean and regap or change spark plug. Replace fuel filter. Drain fuel tank and refill with fresh gasoline.
Drain fuel tank and carburetor, refill tank with fresh gasoline and replace fuel filter. Connect and tighten spark plug wire. Clean engine air screen/fins.
Clean/replace muffler. Check all wiring.

Contact an authorized service center/department. Contact an authorized service center/department. Excessive vibration 1. 2. 3. Worn, bent or loose blade.
Bent blade mandrel. Loose/damaged part(s). 1. 2.

3. Replace blade. Tighten blade bolt. Replace blade mandrel. Tighten loose part(s). Replace damaged parts. 27 TROUBLESHOOTING POINTS PROBLEM
Engine continues to run when operator leaves seat with attachment clutch engaged CAUSE 1. Faulty operator-safety presence control system. CORRECTION
1. Check wiring, switches and connections.

If not corrected, contact an authorized service center/ department. Poor cut - uneven 1. 2. 3. 4.

5. Worn, bent or loose blade. Mower deck not level. Buildup of grass, leaves, and trash under mower. Bent blade mandrel.
Clogged mower deck vent holes from buildup of grass, leaves, and trash around mandrels. 1. 2. 3. 4. 5. Replace blade. Tighten blade bolt. Level mower deck.
Clean underside of mower housing.

Replace blade mandrel. Clean around mandrels to open vent holes. Mower blades will not rotate 1. 2. 3. 4. Obstruction in clutch mechanism. Worn/damaged
mower drive belt. Frozen idler pulley. Frozen blade mandrel.

1. 2. 3. 4. Remove obstruction.

Replace mower drive belt. Replace idler pulley. Replace blade mandrel. Poor grass discharge 1. 2.

3. 4. 5. 6. 7. 8. 9. 10. 11. Engine speed too slow.

Travel speed too fast. Wet grass. Mower deck not level. Low/uneven tire air pressure. Worn, bent or loose blade. Buildup of grass, leaves and trash under
mower. Mower drive belt worn. Blades improperly installed. Improper blades used. Clogged mower deck vent holes from buildup of grass, leaves, and trash
around mandrels.

1. 2. 3. 4. 5.

6. 7. 8. 9. 10.

11. Place throttle control in "FAST" position. Shift to slower speed. Allow grass to dry before mowing. Level mower deck. Check tires for proper air pressure.
Replace/sharpen blade. Tighten blade bolt. Clean underside of mower housing. Replace mower drive belt.

Reinstall blades sharp edge down. Replace with blades listed in this manual. Clean around mandrels to open vent holes. Headlight(s) not working (if so
equipped) 1. 2. 3. 4. 5. Switch is "OFF". Bulb(s) burned out.

Faulty light switch. Loose or damaged wiring. Blown fuse. 1. 2.

3. 4. 5. Turn switch "ON". Replace bulb(s).

Check/replace light switch. Check wiring and connections. Replace fuse. Battery will not charge 1. 2. 3. 4. Bad battery cell(s). Poor cable connections. Faulty
regulator (if so equipped).

Faulty alternator. 1. 2. 3. 4. Replace battery. Check/clean all connections. Replace regulator. Replace alternator. Loss of drive 1.

2. 3. Freewheel control in "disengaged" position. Motion drive belt worn, damaged, or broken. Air trapped in transmission during shipment or servicing.

Engine throttle control not set at "SLOW" position for 30 seconds before stopping engine. 1. 2. 3. Place freewheel control in "engaged" position.

Replace motion drive belt. Purge transmission. Engine "backfires" when turning engine "OFF" 1. 1. Move throttle control to "SLOW" position and allow to
idle for 30 seconds before stopping engine. 28 TRACTOR - MODEL NO. LTH125 (HC125H42C), PRODUCT NO. 954 00 27-21 SCHEMATIC 29 REPAIR
PARTS TRACTOR- -MODEL NO. LTH125 (HC125H42C), PRODUCT NO. 954 00 27-21 ELECTRICAL 30 REPAIR PARTS TRACTOR- -MODEL NO.

LTH125 (HC125H42C), PRODUCT NO. 954 00 27-21 ELECTRICAL KEY NO. 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40
41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 PART NO. 532121265 874760412 819091016 810040400 532121264 873220400 532109238 532129965 532109596 810090400
873350400 532136850 532004152 811150400 532124780 532132202 532108824 532124773 532121305 532140301 532124211 532141226 532122147
532108236 817021008 532140336 532109553 532140707 871110408 532131563 532138406 873640400 532140844 532141940 532141163 532140710
DESCRIPTION Battery 12 Volt 25 Amp Bolt Hex Hd 1/4-20unc X 3/4 Washer 9/32 X 5/8 X 16 Ga Washer Lock Hvy Helical 1/4 Caps Battery 20/25/30 AMP
Nut Fin Hex 1/4-20 Unc Tube Plastic 20" Battery Case Hng Mech Clamp Hose Olive Washer Lock 1/4 Nut Jam Hex 1/4-20 Unc Harness Asm Light W/4152j
Bulb Light #1156 Washer Lock Internal Tooth 1/4 Cable Battery 6 Ga 11"red Cable Battery 6 Ga 43"red Fuse 30 AMP Auto Green Cable Ground 6 Ga
12"black Switch Plunger Nc Gray Switch Ign 4 Pos. Nut Ignition Cover Sw Key Blk 1 25 Text SLT Key Ign Bracket Switch Clutch Screw Tap Hex #10-24unc
X 1/2 Bracket Switch Interlock Switch Intlk Clutch Gry 4 Term Harness Ign Lt Mech Dash Bolt Fin Hex 1/4-20 x 1/2 Cover Terminal Red Solenoid Nut Keys
Hex 1/4-20 Unc Adapter Ammeter rectangular Protection Wire Loop (Hourmeter) Harness Eng. B&S Harness Dash Lt Private Label NOTE: All component
dimensions given in U.S. inches. 1 inch = 25.4 mm 31 REPAIR PARTS TRACTOR- -MODEL NO.

LTH125 (HC125H42C), PRODUCT NO. 954 00 27-21 CHASSIS AND ENCLOSURES 32 REPAIR PARTS TRACTOR- -MODEL NO. LTH125
(HC125H42C), PRODUCT NO. 954 00 27-21 CHASSIS AND ENCLOSURES KEY NO. -1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34
35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 PART NO.

532005479 532140341 532140356 817490612 819131216 811050600 532145206 532126471 532140072 872140608 532140311 532145660 532140178
817490608 532144320 532140281 532124028 874780616 819131312 873800600 532140141 532140273 532143050 532136619 532124899 532124914
872110606 817490512 532139886 532139887 532138096 817490412 532142779 873800400 819091416 532140219 817030814 532143007 874780412
532140806 873510400 DESCRIPTION Plug Button Chassis Weldment 11ga Drawbar, Stretch Screw Thdrol 3/8-16x3/4 Ty-tt Washer 13/32 x 3/4 x 16 Ga.

Washer Lock Ext. Tooth 3/8 Saddle LT Fender Shift Clip Insulator .406 Mtg Hole Dash Private Label Bolt Carriage 3/8-16 x 1 Panel Pnt Dash Lh Clip
Tinnerman Grille Private Label Panel Dash Rh Weldment Screw Thdrol 3/8-16x1/2 Ty-tt Hood Paint Steel Private Label Support Battery Bushing Bolt Fin

Hex 3/8-16unc X1 Washer 13/32 X 13/16 X 12 Ga Nut Lock 3/8-16 Unc Grille Private Label Lens Grille Private Label Fender Pnt Bracket Pnt Fender
Footrest Pnt Lh Footrest Pnt Rh Bolt Rdhd Sht Sqnk 3/8-16 X3/4 Screw Thdrol 5/16-18 X3/4 Bracket, Asm. Pivot, L.
H., Mower Rear Bracket, Asm. Pivot, R.H., Mower Rear Rivet Push Screw Hexwsh. Thdrol 1/4-20 x 3/4 Brace Nut Lock Hex W/Ins 1/4-20 Washer 9/32 x 7/8 x
16 Ga.



[You're reading an excerpt. Click here to read official HUSQVARNA
LTH 125 user guide
http://yourpdfguides.com/dref/4739419](http://yourpdfguides.com/dref/4739419)

Hinge Pickoff Hood Screw Lock Spider #8 x 7/8 Bracket, Grill Screw Hex 1/4-20 x 3/4 Air Duct P/L Nut Keps Hex 1/4-20 UNC NOTE: All component dimensions given in U.S. inches. 1 inch = 25.

4 mm 33 REPAIR PARTS TRACTOR- -MODEL NO. LTH125 (HC125H42C), PRODUCT NO. 954 00 27-21 DRIVE 34 REPAIR PARTS TRACTOR- -MODEL NO. LTH125 (HC125H42C), PRODUCT NO. 954 00 27-21 DRIVE KEY NO. 1 2 3 8 10 15 16 18 19 21 22 24 25 26 27 28 29 30 31 32 34 35 36 37 38 39 40 41 42 44 45 46 47 48 49 50 51 52 53 55 56 57 59 PART NO. 532140607 532142431 532144698 532141003 876020416 874780544 873800500 874780616 873800600 532140845 532145627 873350600 532106888 819131316 876020412 532145204 532071673 532130807 532127275 874760512 532122424 532120183 819211616 532124963 532123674 874760644 532124965 532109070 819131312 532105706 532110812 812000039 532127783 532123789 532123205 874760624 873680600 873680500 532105710 532105709 874760620 532141416 532140312 DESCRIPTION Transaxle Assembly Spring, Return, Brake Pulley, Transaxle Rod Shift Hydro LT Pin Cotter 1/8 x 1 CAD Bolt Fin Hex 5/16-18 Unc Nut Lock Hex W/Ins 5/16-18 Unc P Bolt Fin Hex 3/8-16 Unc x 1 Gr. 5 Nut Lock Hex W/Wsh 3/8-16 Unc Knob 1/2-13 Rod, Brake Hydro Nut Spring, Brake Rod Washer Pin Cotter 1/8 x 3/4 CAD. Rod, Parking Brake Cap, Parking Brake Bracket, Transaxle Keeper Belt Lh Bolt Hex Hd 5/16-18 Unc x 3/4 Shaft, Foot Pedal Bearing, Nylon Washer Pin, Roll Pulley, Idler, Flat Bolt Spacer, Split Keeper, Belt Retainer Washer 13/32 x 13/16 x 12 Gauge Bearing, Nylon Washer, Hardened Ring, Klip Pulley, Idler, V-Groove Bellcrank Assembly Retainer, Belt Bolt Nut Crownlock 3/8-16 Nut Crownlock 5/16-18 Link, Clutch Spring, Return, Clutch Bolt Fin Hex 3/8-16 Unc x 1-1/4 V-Belt, Ground Drive Keeper, Center Span KEY NO. 61 62 63 64 65 66 69 70 71 72 73 74 75 76 77 78 81 82 83 84 86 87 88 89 91 92 93 94 95 96 97 98 100 103 104 105 106 108 109 PART NO.

817490612 532124872 532140186 871170764 810040700 532129921 532142432 532134683 532141417 819132012 532141418 532121199 532121749 812000001 532123583 532121748 532141420 532123782 819171216 532141423 532071208 819212016 812000008 532139988 874780536 874780524 532142564 532140462 532144643 532124788 532144201 873510600 819111216 532050831 532141421 871070516 874780520 817541026 532145098 DESCRIPTION Screw Thdrol. 3/8-16 x 3/4 Ty. TT Cover, Pedal Pulley, Engine Bolt, Hex Washer Keeper Belt Engine Screw Keeper Belt Engine Strap Torque Lh Hydro 500 18" Washer 13/32 x 1-1/4 x 12 Gauge Strap Torque Rh Hydro 500 18" Spacer, Split Washer 25/32 x 1-1/4 x 16 Gauge E-Ring Key, Square Washer 25/32 x 1-5/8 x 16 Gauge Shaft Asm. Cross Hydro 500 Spring Torsion T/A Washer 17/32 x 3/4 x 16 Ga. Rod, Tie Hydro Sph Ball 500 Bushing Rod Strig.

629/632 ID Washer 21/32 x 1-1/4 x 16 Ga. Ring Klip #5304-62 Console, Shift Bolt Fin Hex 5/16-18 x 2-1/4 Bolt Fin Hex 5/6-18 Unc x 1-1/2 Line Fuel Hydro 4" Fan, Hydro 7" Control Asm. Bypass Hydro Retainer Spring 1" Zinc/Cad Keeper Belt Rh Hydro 500 Nut Keps Hex 3/8-16 Unc Washer 11/32 x 3/4 x 16 Ga. Nut Nylon Insert 1/2-20 Unf. Arm, Control Pump Screw Cap Hex 5/16 x 18 x 1 Bolt Fin Hex 5/16-18 Unc x 1-1/4 Screw Hex Wh Hd #10-24 x 1-5/8 Adaptor Fan/Hydro Lt Hyd Alum NOTE: All component dimensions given in U.

S. inches. 1 inch = 25.4 mm. 35 REPAIR PARTS TRACTOR- -MODEL NO. LTH125 (HC125H42C), PRODUCT NO. 954 00 27-21 STEERING AND FRONT AXLE 36 REPAIR PARTS TRACTOR- -MODEL NO. LTH125 (HC125H42C), PRODUCT NO. 954 00 27-21 STEERING AND FRONT AXLE KEY NO. 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 PART NO.

532121472 532142033 532135227 532135228 532124931 532121748 819272016 812000029 532124937 532130468 810040600 873610600 532110438 874011056 873901000 532132624 532140176 532057079 532124035 532126684 810040400 871070410 532127501 532109816 532124036 DESCRIPTION Wheel Steering Auto Black Axle Asm Fr LT W/gzks 38/42 Spindle Asm LH Spindle Asm RH Bearing Race Thrust Harden Washer 25/32 X 1-5/8 X 16ga Washer 27/32 X 1-1/4 X 16 Ga Ring Klip #t5304-75 Bearing Col Strg Blk Link Drag Sol Ball Jt 20 064 Washer Lock Hvy Hlcl Spr 3/8 Nut Fin Hex 3/8-24 Unf Spacer Bearing Axle Front Bolt Hex 5/8-11 Unc X 3-1/2 Nut Lock Flange 5/8-11 Unc Pin Axle 5/8 X 1 55/1 54 Lg Shaft Asm Strg Private Label Washer Thrust 515x 750x 033 Support Shaft Washer Shim 1/4 X 5/8 X 062 Washer Lock Hvy Helical 1/4 Screw Hex Socket 1/4-20 X 5/8 Shaft Asm Pittman Nyloner Snap In Bracket Steering KEY NO. 26 27 28 29 30 32 36 37 38 39 40 41 42 43 44 45 46 47 50 51 54 55 57 PART NO. 532126847 532136874 819131416 817490612 876020412 532130465 532102803 817431008 532126805 819133808 532124701 532104820 532140216 532121749 532140171 812000029 532121232 532124836 817490412 873800500 874780520 532140285 532140172 DESCRIPTION Bushing Link Drag Blk LR Gear Sector 22 Teeth Washer 13/32 X 7/8 X 16ga Screw Thdrol 3/8-16x3/4 Ty-tt Pin Cotter 1/8 X 3/4 Cad Rod Tie Wire Form 19 75 Mech Bushing Strg Screw Sfltp #10-16 X 1/2 Ty-b Insert Cap Strg Wh Au Gen Blk Washer 13/32 X 2-3/8 X 8 Ga Nut Lock Center 3/8-24unf Adaptor Wheel Strg 640/ 635id Boot Shaft Steering Washer 25/32 X 1 1/4 X 16 Ga Shaft Extension Steering Ring Klip #t5304-75 Cap Spindle Fr Top Blk Fitting Grease Screw Hex Wsh Thdrol 1/4-20 x 3/4 Nut Lock Hex w/Insert 5/16-18 Bolt Fin Hex 5/16-18 unc x 1-1/4 Clip Tinnerman Support Shaft Steering NOTE: All component dimensions given in U.S. inches. 1 inch = 25.4 mm 37 REPAIR PARTS TRACTOR- -MODEL NO. LTH125 (HC125H42C), PRODUCT NO. 954 00 27-21 ENGINE 38 REPAIR PARTS TRACTOR- -MODEL NO. LTH125 (HC125H42C), PRODUCT NO.

954 00 27-21 ENGINE KEY PART NO. NO. 1 532140310 2 817720410 3 -----4 13 14 15 16 18 19 20 21 22 23 24 29 532137348 532125593 813280324 813200300 811050600 532136718 532105839 532105838 819091016 532123650 532128953 817021008 532137180 DESCRIPTION Control Th/ch RH Blk Tee Eec Screw Hex Thd Cut 1/4-20x5/8 T Engine B&S 12.5HP Icq Dual Ivt Model No 286707 Muffler LT B&S 12/12.5 HP Gasket Eng 1 313 Id Tin Plated Nipple Pipe 3/8 Npt X 3" Elbow Std 90 Degree 3/8-18 Npt Washer Lock Ext Tooth 3/8 Shield Heat LT Receptacle 1/4 Turn dacrotized Retainer 1/4 Turn 365 OD x.

222 ID Washer 9/32 x 5/8 x 16 Ga Stud 1/4 Turn (replaces 105751) Shield Heat Browning LT/YT Screw Tap Hex #10-24unc X 1/2 Kit Spark Arrestor 1 25 KEY NO. 30 31 32 33 37 38 40 44 46 62 72 78 81 PART NO. 532127057 532140280 532140527 532123487 532137040 -----532124028 817490412 819091416 810040500 871070512 817490620 873510400 DESCRIPTION Pinch Weld Hood Black 2.00 Tank Fuel Front 2.00 Cap Asm Fuel W/sym Vented Clamp Hose Blk Line Fuel 9 20" Plug Oil Drain (Order From Engine Manufacturer) Bushing Snap Nyl Blk Fuel Line Screw Hexwsh Thdrol 1/4-20x3/4 Washer 9/32 X 7/8 X 16ga Washer Lock Hvy Hlcl Spr 5/16 Screw Hexhd Cap 5/16-18x3/4 Screw Thdrol 3/8-16x1-1/4 TYTT Nut Keps Hex 1/4-20 UNC NOTE: All component dimensions given in U.

S. inches. 1 inch = 25.4 mm. 39 REPAIR PARTS TRACTOR- -MODEL NO. LTH125 (HC125H42C), PRODUCT NO. 954 00 27-21 SEAT KEY NO.



[You're reading an excerpt. Click here to read official HUSQVARNA LTH 125 user guide](http://yourpdfguides.com/dref/4739419)
<http://yourpdfguides.com/dref/4739419>