

OWNER'S MANUAL

MODEL NO. S165H42D 16.5 HP 42 Inch **Lawn Tractor**

Assembly

- Operation
 - **Customer Responsibilities**
 - Service and Adjustments
 - Storage
 - Troubleshooting
 - **Repair Parts**

For Parts and Service, contact our authorized distributor: call 1-800-849-1297 For Technical Assistance: call 1-800-829-5886



SAFETY RULES

Safe Operation Practices for Ride-On Mowers

IMPORTANT: THIS CUTTING MACHINE IS CAPABLE OF AMPUTATING HANDS AND FEET AND THROWING OBJECTS. FAILURE TO OBSERVE THE FOLLOWING SAFETY INSTRUCTIONS COULD RESULT IN SERIOUS INJURY OR DEATH.

I. GENERAL OPERATION

- Read, understand, and follow all instructions in the manual and on the machine before starting.
- Only allow responsible adults, who are familiar with the instructions, to operate the machine.
- Clear the area of objects such as rocks, toys, wire, etc., which could be picked up and thrown by the blade.
- Be sure the area is clear of other people before mowing. 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.
- Use extra care when loading or unloading the machine into a trailer or truck.
- Data indicates that operators, age 60 years and above, are involved in a large percentage of riding mower-related injuries. These operators should evaluate their ability to operate the riding mower safely enough to protect themselves and others from serious injury.
- Keep machine free of grass, leaves or other debris buildup which can touch hot exhaust / engine parts and burn. Do not allow the mower deck to plow leaves or other debris which can cause build-up to occur. Clean any oil or fuel spillage before operating or storing the machine. Allow machine to cool before storage.

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.

III. CHILDREN

Tragic accidents can occur if the operator is not alert to the presence of children. Children are often attracted to the machine and the mowing activity. *Never* assume that children will remain where you last saw them.

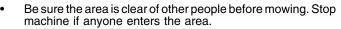
- Keep children out of the mowing area and under the watchful care of another responsible adult.
- Be alert and turn machine off if children enter the area.
- Before and when backing, look behind and *down* for small children.
- Never carry children. They may fall off and be seriously injured or interfere with safe machine operation.
- 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 buildup. 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.

SAFETY RULES Safe Operation Practices for Ride-On Mowers





- Never carry passengers or children even with the blades off.
- Do not mow in reverse unless absolutely necessary. Always look down and behind before and while backing.
- Never carry children. They may fall off and be seriously injured or interfere with safe machine operation.
- Keep children out of the mowing area and under the watchful care of another responsible adult.
- Be alert and turn machine off if children enter the area.
- Before and when backing, look behind and down for small children.
- Mow up and down slopes (15° Max), 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.
- Avoid starting or stopping on a slope. If tires lose traction, disengage the blades and proceed slowly straight down the slope.
- If machine stops while going uphill, disengage blades, shift into reverse and back down slowly.
- Do not turn on slopes unless necessary, and then, turn slowly and gradually downhill, if possible.



Look for this symbol to point out important safety precautions. It means CAUTION!!! BECOME ALERT!!! YOUR SAFETY IS INVOLVED.

CAUTION: In order to prevent accidental starting when setting up, transporting, adjusting or making repairs, always disconnect spark plug wire and place wire where it cannot contact spark plug.



CAUTION: Do not coast down a hill in neutral, you may lose control of the tractor.



CAUTION: Tow only the attachments that are recommended by and comply with specifications of the manufacturer of your tractor. Use common sense when towing. Operate only at the lowest possible speed when on a slope. Too heavy of a load, while on a slope, is dangerous. Tires can lose traction with the ground and cause you to lose control of your tractor.



Engine exhaust, some of its constituents, and certain vehicle components contain or emit chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

A WARNING

Battery posts, terminals and related accessories contain lead and lead compounds, chemicals known to the State of California to cause cancer and birth defects or other reproductive harm. Wash hands after handling.

TABLE OF CONTENTS

| SAFETY RULES | 2-3 |
|---------------------------|-----------|
| PRODUCT SPECIFICATIONS | 4 |
| CUSTOMER RESPONSIBILITIES | .4, 15-18 |
| ASSEMBLY | 6-8 |
| OPERATION | 9-14 |
| MAINTENANCE SCHEDULE | 15 |

| SERVICE AND ADJUSTMENTS | |
|-------------------------------|----|
| STORAGE | |
| TROUBLESHOOTING | |
| REPAIR PARTS - TRACTOR | |
| WARRANTY | 42 |

PRODUCT SPECIFICATIONS

| GASOLINE CAPACITY AND TYPE: | 2.0 GALLONS UNLEADED REGULAR |
|--------------------------------|---|
| OIL TYPE (API-SF-SJ): | SAE 30 (above 32°F) SAE 5W-30 (below 32°F) |
| OIL CAPACITY: | 3.4 PINTS |
| SPARK PLUG: (GAP: .030") | CHAMPION RN4C |
| GROUND SPEED (MPH): | FORWARD: 5.2 REVERSE: 2.7 |
| TIRE PRESSURE: | FRONT: 14 PSI REAR: 12 PSI |
| CHARGING SYSTEM: | 3 AMPS BATTERY 5 AMPS HEADLIGHTS |
| BATTERY: | AMP/HR: 25 MIN. CCA: 190 CASE SIZE: U1R |
| BLADE BOLT TORQUE: | 27-35 FT. LBS. |

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/department. 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".

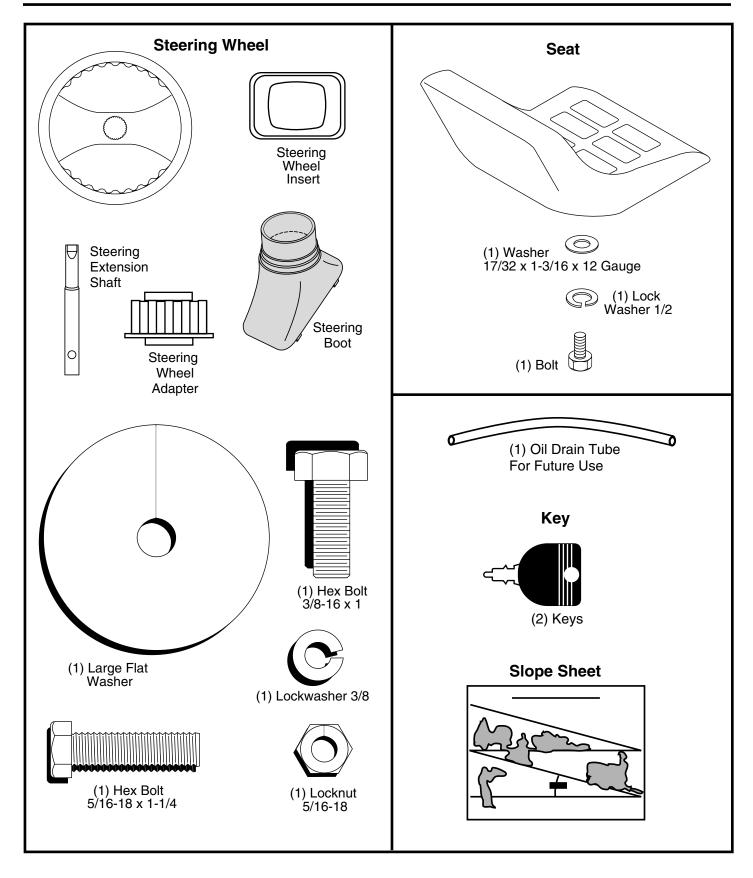
CUSTOMER RESPONSIBILITIES

- 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 owner's manual.

WARNING: This tractor 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 RE-PAIR PARTS section of this manual).

UNASSEMBLED PARTS



ASSEMBLY

Your new tractor has been assembled at the factory with exception of those parts left unassembled for shipping purposes. To ensure safe and proper operation of your tractor all parts and hardware you assemble must be tightened securely. Use the correct tools as necessary to insure proper tightness.

TOOLS REQUIRED FOR ASSEMBLY

A socket wrench set will make assembly easier. Standard wrench sizes are listed.

(1) 9/16" wrench

Pliers

(2) 1/2" wrenches

Tire pressure gauge Utility knife

When right or left hand is mentioned in this manual, it means when you are in the operating position (seated behind the steering wheel).

TO REMOVE TRACTOR FROM CAR-TON

UNPACK CARTON

- Remove all accessible loose parts and parts cartons from carton.
- Cut, from top to bottom, along lines on all four corners of carton, and lay panels flat.
- Check for any additional loose parts or cartons and remove.

BEFORE REMOVING TRACTOR FROM SKID

ATTACH STEERING WHEEL (See Fig. 1)

ASSEMBLE EXTENSION SHAFT AND BOOT

• Slide extension shaft onto lower steering shaft. Align mounting holes in extension and lower shafts and install 5/16 hex bolt and locknut. Tighten securely.

IMPORTANT: TIGHTEN BOLT AND NUT SECURELY TO 18-22 FT. LBS TORQUE.

• Place tabs of steering boot over tab slots in dash and push down to secure.

INSTALL STEERING WHEEL

- Position front wheels of the tractor so they are pointing straight forward.
- Remove steering wheel adapter from steering wheel and slide adapter onto steering shaft extension.
- Position steering wheel so cross bars are horizontal (left to right) and slide inside boot and onto adapter.
- Assemble large flat washer, 3/8 lock washer, 3/8 hex bolt and tighten securely.
- Snap steering wheel insert into center of steering wheel.
- Remove protective materials from tractor hood and grill.

IMPORTANT: CHECK FOR AND REMOVE ANY STAPLES IN SKID THAT MAY PUNCTURE TIRES WHERE TRACTOR IS TO ROLL OFF SKID.

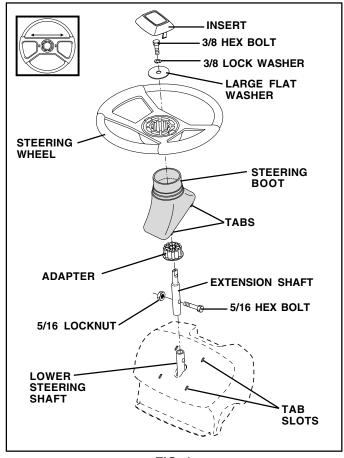
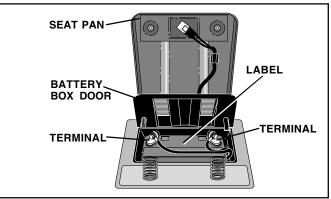


FIG. 1

HOW TO SET UP YOUR TRACTOR

CHECK BATTERY (See Fig. 2)

- Lift seat pan to raised position and open battery box door.
- If this battery is put into service after month and year indicated on label (label located between terminals) charge battery for minimum of one hour at 6-10 amps. (See "BATTERY" in CUSTOMER RESPONSIBILITIES section of this manual for charging instructions).



ASSEMBLY

INSTALL SEAT (See Fig. 3)

Adjust seat before tightening adjustment bolt.

- Remove adjustment bolt, lock washer and flat washer securing seat to cardboard packing and set aside for assembly of seat to tractor.
- Pivot seat upward and remove from the cardboard packing. Remove the cardboard packing and discard.
- Place seat on seat pan so head of shoulder bolt is positioned over large slotted hole in pan.
- Push down on seat to engage shoulder bolt in slot and pull seat towards rear of tractor.
- Pivot seat and pan forward and assemble adjustment bolt, lockwasher and flat washer loosely. Do not tighten
- Lower seat into operating position and sit on seat.
- Slide seat until a comfortable position is reached which allows you to press clutch/brake pedal all the way down.
- Get off seat without moving its adjusted position.
- Raise seat and tighten adjustment bolt securely.

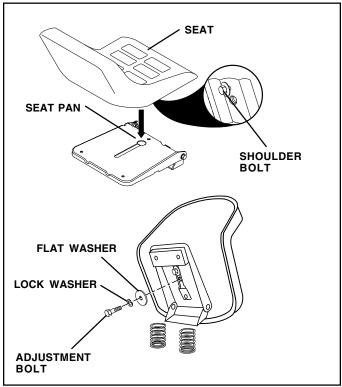


FIG. 3

NOTE: You may now roll or drive your tractor off the skid. Follow the appropriate instruction below to remove the tractor from the skid.

TO ROLL TRACTOR OFF SKID (See Operation section, for location and function of controls)

- Press lift lever plunger and raise attachment lift lever to its highest position.
- Release parking brake by depressing clutch/brake pedal.
- Place freewheel control in freewheeling position to disengage transmission (See "TOTRANSPORT" in the Operation section of this manual).
- Roll tractor forward off skid.
- Remove banding holding deflector shield up against tractor.

TO DRIVE TRACTOR OFF SKID (See Operation section, for location and function of controls)

AWARNING: Before starting, read, understand and follow all instructions in the Operation section of this manual. Be sure tractor is in a well-ventilated area. Be sure the area in front of tractor is clear of other people and objects.

- Be sure all the above assembly steps have been completed.
- Check engine oil level and fill fuel tank with gasoline.
- Place freewheel control in "transmission engaged" position.
- Sit on seat in operating position, depress clutch/brake pedal and set the parking brake.
- Place motion control lever in neutral (N) position.
- Press lift lever plunger and raise attachment lift lever to its highest position.
- Start the engine. After engine has started, move throttle control to idle position.
- Release parking brake.
- Slowly move the motion control lever forward and slowly drive tractor off skid.
- Apply brake to stop tractor, set parking brake and place motion control lever in neutral position.
- Turn ignition key to "OFF" position.

Continue with the instructions that follow.

ASSEMBLY

CHECK TIRE PRESSURE

The tires on your tractor were overinflated at the factory for shipping purposes. Correct tire pressure is important for best cutting performance.

• Reduce tire pressure to PSI shown in "PRODUCT SPECIFICATIONS" section of this manual.

CHECK DECK LEVELNESS

For best cutting results, mower housing should be properly leveled. See "TOLEVEL MOWER HOUSING" in the Service and Adjustments section of this manual.

CHECK FOR PROPER POSITION OF ALL BELTS

See the figures that are shown for replacing motion and mower blade drive belts in the Service and Adjustments section of this manual. Verify that the belts are routed correctly.

CHECK BRAKE SYSTEM

After you learn how to operate your tractor, check to see that the brake is properly adjusted. See "TO ADJUST BRAKE" in the Service and Adjustments section of this manual.

✓ CHECKLIST

BEFORE YOU OPERATE AND ENJOY YOUR NEW TRAC-TOR, WE WISH TO ASSURE THAT YOU RECEIVE THE BEST PERFORMANCE AND SATISFACTION FROM THIS QUALITY PRODUCT.

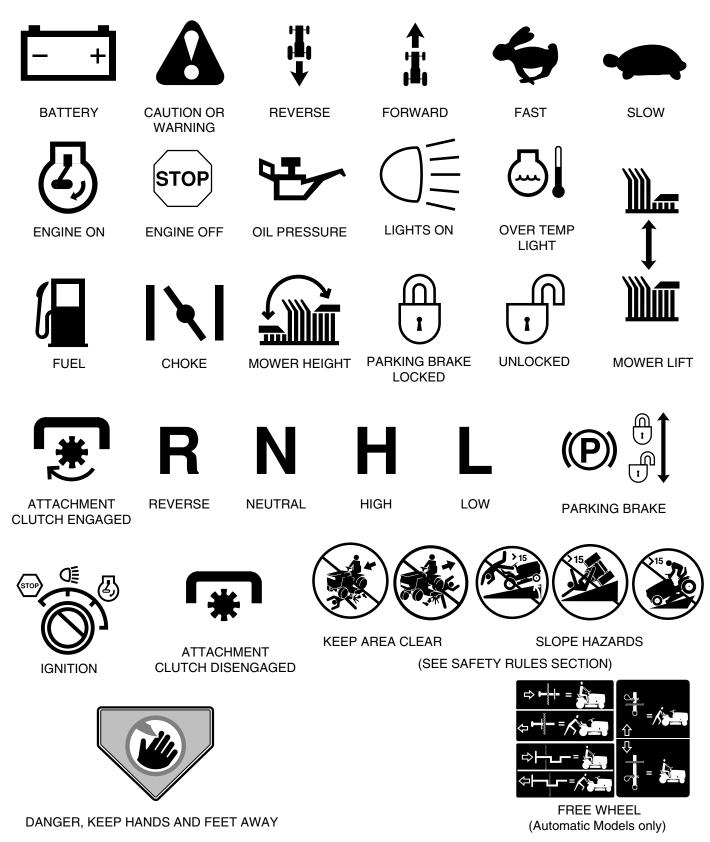
PLEASE REVIEW THE FOLLOWING CHECKLIST:

- \checkmark 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 the Operation section of this manual).

These symbols may appear on your tractor or in literature supplied with the product. Learn and understand their meaning.



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.

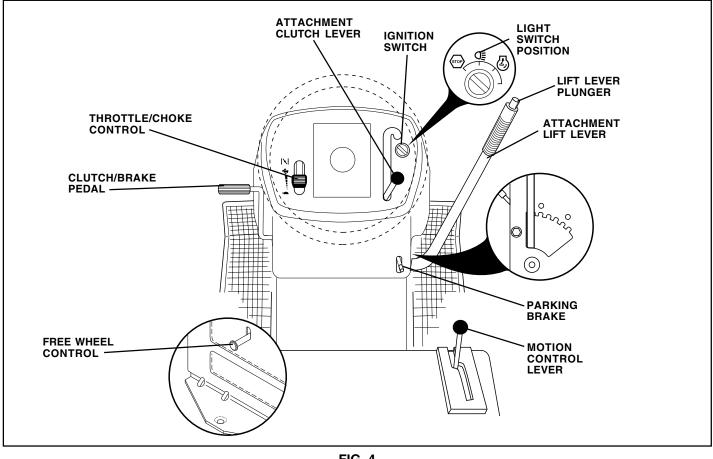


FIG. 4

Our tractors conform to the safety standards of the American National Standards Institute.

LIGHT SWITCH: Turns the headlights on and off.

THROTTLE/CHOKE CONTROL: Used for starting and controling 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.

FREEWHEEL CONTROL: Disengages transmission for pushing or slowly towing the tractor with the engine off.

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.



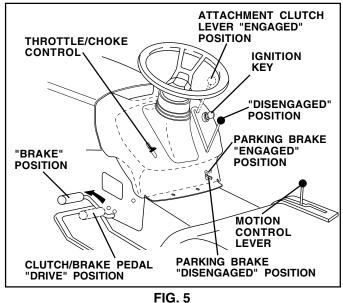
The operation of any tractor can result in foreign objects thrown into the eyes, which can result in severe eye damage. Always wear safety glasses or eye shields while operating your tractor or performing any adjustments or repairs. We recommend a wide vision safety mask over spectacles or standard safety glasses.

HOW TO USE YOUR TRACTOR

TO SET PARKING BRAKE (See Fig. 5)

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. Pedal should remain in "BRAKE" position. Make sure parking brake will hold tractor secure.



STOPPING (See Fig. 5)

MOWER BLADES -

• To stop mower blades, move attachment clutch lever to "DISENGAGED" position.

GROUND DRIVE -

- To stop 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".

 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.

IMPORTANT: LEAVING THE IGNITION SWITCH IN ANY POSITION OTHER THAN "OFF" WILL CAUSE THE BATTERY TO BE DISCHARGED, (DEAD).

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. 5)

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.

TO MOVE FORWARD AND BACKWARD (See Fig. 5)

The direction and speed of movement is controlled by the motion control lever.

- Start tractor with motion control lever in neutral (N) position.
- Release parking brake and clutch/brake pedal.
- Slowly move motion control lever to desired position.

TO ADJUST MOWER CUTTING HEIGHT (See Fig. 5)

The position of the attachment lift lever determines the cutting height.

- Grasp lift lever.
- Press plunger with thumb and move lever to desired position.

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.

TO ADJUST GAUGE WHEELS (See Fig. 6)

Gauge wheels are properly adjusted when they are slightly off the ground when mower is at the desired cutting height in operating position. Gauge wheels then keep the deck in proper position to help prevent scalping in most terrain conditions.

- Adjust gauge wheels with tractor on a flat level surface.
- Adjust mower to desired cutting height (See "TO AD-JUST MOWER CUTTING HEIGHT" in the Operation section of this manual).
- With mower in desired height of cut position, gauge wheels should be assembled so they are slightly off the ground. Install gauge wheel in appropriate hole with shoulder bolt, 3/8 washer, and 3/8-16 locknut and tighten securely.
- Repeat for opposite side installing gauge wheel in same adjustment hole.

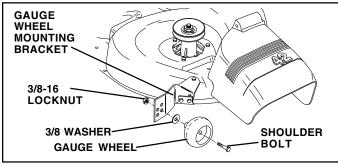


FIG. 6

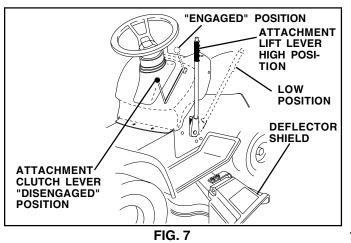
TO OPERATE MOWER (See Fig. 7)

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 attachment clutch engaged will shut off the engine.

- Select desired height of cut.
- 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 deflector shield in place.



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.

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.
- Slowly move motion control lever to slowest setting.
- Make all turns slowly.

TO TRANSPORT (See Figs. 4 and 8)

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 out and into the slot and release so it is held in the disengaged position.
- 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.).

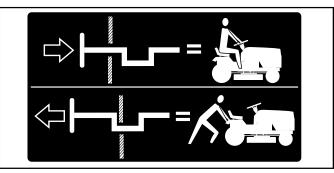


FIG. 8

TOWING CARTS AND OTHER ATTACHMENTS

Tow only the attachments that are recommended by and comply with specifications of the manufacturer of your tractor. Use common sense when towing. Too heavy of a load, while on a slope, is dangerous. Tires can lose traction with the ground and cause you to lose control of your tractor.

BEFORE STARTING THE ENGINE

CHECK ENGINE OIL LEVEL

- 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.
- Remove oil fill cap/dipstick and wipe clean, reinsert the dipstick and screw cap tight, wait for a few seconds, 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.

ADD GASOLINE

• Fill fuel tank. Use fresh, clean, regular unleaded gasoline with a minimum of 87 octane. (Use of leaded gasoline will increase carbon and lead oxide deposits and reduce valve life). Do not mix oil with gasoline. Purchase fuel in quantities that can be used within 30 days to assure fuel freshness.

IMPORTANT: WHEN OPERATING IN TEMPERATURES BELOW 32°F(0°C), USE FRESH, CLEAN WINTER GRADE GASOLINE TO HELP INSURE GOOD COLD WEATHER STARTING.

WARNING: 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. To avoid engine problems, the fuel system should be emptied before storage of 30 days or longer. Drain the gas tank, start the engine and let it run until the fuel lines and carburetor are empty. Use fresh fuel next season. See Storage Instructions for additional information. Never use engine or carburetor cleaner products in the fuel tank or permanent damage may occur.



CAUTION: Fill to bottom of gas tank filler neck. Do not overfill. Wipe off any spilled oil or fuel. Do not store, spill or use gasoline near an open flame.

TO START ENGINE (See Fig. 4)

When starting the engine for the first time or if the engine has run out of fuel, it will take extra cranking time to move fuel from the tank to the engine.

- Be sure freewheel control is in the transmission engaged position.
- Sit on seat in operating position, depress clutch/brake pedal and set parking brake.
- Place motion control lever in neutral (N) position.
- Move attachment clutch to "DISENGAGED" position.
- Move throttle control to choke position.

NOTE: Before starting, read the warm and cold starting procedures below.

• Insert key into ignition and turn key clockwise to "START" position and release key as soon as engine starts. Do not run starter continuously for more than fifteen seconds per minute. If the engine does not start after several attempts, move throttle control to fast position, wait a few minutes and try again. If engine still does not start, move the throttle control back to the choke position and retry.

WARM WEATHER STARTING (50° F and above)

- When engine starts, move the throttle control to the fast position.
- The attachments and ground drive can now be used. If the engine does not accept the load, restart the engine and allow it to warm up for one minute using the choke as described above.

COLD WEATHER STARTING (50° F and below)

When engine starts, allow engine to run with the throttle control in the choke position until the engine runs roughly, then move throttle control to fast position. This may require an engine warm-up period from several seconds to several minutes, depending on the temperature.

AUTOMATIC TRANSMISSION WARM UP

- Before driving the unit in cold weather, the transmission should be warmed up as follows:
 - Be sure the tractor is on level ground.
 - Place the motion control lever in neutral. Release the parking brake and let the clutch/brake slowly return to operating position.
 - Allow one minute for transmission to warm up. This can be done during the engine warm up period.
- The attachments can also be used during the engine warm-up period after the transmission has been warmed up.

NOTE: If at a high altitude (above 3000 feet) or in cold temperatures (below 32 F) the carburetor fuel mixture may need to be adjusted for best engine performance. See "TO ADJUST CARBURETOR" in the Service and Adjustments section of this manual.

PURGE TRANSMISSION



CAUTION: Never engage or disengage freewheel lever while the engine is running.

To ensure proper operation and performance, it is recommended that the transmission be purged before operating tractor for the first time. This procedure will remove any trapped air inside the transmission which may have developed during shipping of your tractor.

IMPORTANT: SHOULD YOUR TRANSMISSION REQUIRE REMOVAL FOR SERVICE OR REPLACEMENT, IT SHOULD BE PURGED AFTER REINSTALLATION BEFORE OPERATING THE TRACTOR.

- Place tractor safely on level surface with engine off and parking brake set.
- Disengage transmission by placing freewheel control in freewheeling position (See "TO TRANSPORT" in this section of manual).

- Sitting in the tractor seat, start engine. After the engine is running, move throttle control to slow position. With motion control lever in neutral (N) position, slowly disengage clutch/brake pedal.
- Move motion control lever to full forward position and hold for five (5) seconds. Move lever to full reverse position and hold for five (5) seconds. Repeat this procedure three (3) times.

NOTE: During this procedure there will be no movement of drive wheels. The air is being removed from hydraulic drive system.

- Move motion control lever to neutral (N) position. Shutoff engine and set parking brake.
- Engage transmission by placing freewheel control in driving position (See "TO TRANSPORT" in this section of manual).
- Sitting in the tractor seat, start engine. After the engine is running, move throttle control to half (1/2) speed. With motion control lever in neutral (N) position, slowly disengage clutch/brake pedal.
- Slowly move motion control lever forward, after the tractor moves approximately five (5) feet, slowly move motion control lever to reverse position. After the tractor moves approximately five (5) feet return the motion control lever to the neutral (N) position. Repeat this procedure with the motion control lever three (3) times.
- Your tractor is now purged and now ready for normal operation.

MOWING TIPS

- 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. 9).
- 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.

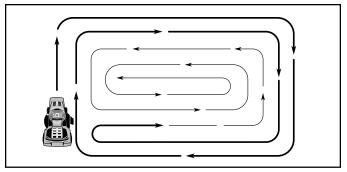


FIG. 9

| AS | MAINTENANCE SCHEDUL L IN DATES YOU COMPLETE GULAR SERVICE | .E | BEFORE | EACHUY EVERY P | SE HOURS | SHOUR SHOUR EVERY S | SHOUF | AS HOUS | 45 EASON EFORE | SER | GE | E DA ^T | TES |
|--------|--|----|----------|-----------------------|----------|---------------------------|-------|---------|----------------------|-----|----|-------------------|-----|
| | Check Brake Operation | ~ | / | | | | | | | | | | |
| | Check Tire Pressure | V | V | | | | | | | | | | |
| т | Check Operator Presence and Interlock Systems | ~ | | | | | | | | | | | |
| R | Check for Loose Fasteners | ~ | | | | V 7 | | ~ | | | | | |
| A C | Sharpen/Replace Mower Blades | | | V ₄ | | | | | | | | | |
| T | Lubrication Chart | | | V | | | | ~ | | | | | |
| Ö | Check Battery Level | | | 6 | | | | | | | | | |
| R | Clean Battery and Terminals | | | V | | | | ~ | | | | | |
| | Check Transaxle Cooling | | | V | | | | | | | | | |
| | Adjust Blade Belt(s) Tension | | | | | V 5 | | | | | | | |
| | Adjust Motion Drive Belt(s) Tension | | | | | V 5 | | | | | | | |
| | Check Engine Oil Level | ~ | V | | | | | | | | | | |
| | Change Engine Oil | | | 1 ,2,3 | 5 | | | 1 | | | | | |
| E | Clean Air Filter | | | V 2 | | | | | | | | | |
| Ν | Clean Air Screen | | | V 2 | | | | | | | | | |
| Ģ | Inspect Muffler/Spark Arrester | | | | V | | | | | | | | |
| N | Replace Oil Filter (If equipped) | | | | | 1 ,2 | | | | | | | |
| E | Clean Engine Cooling Fins | | | | | V ₂ | | | | | | | |
| | Replace Spark Plug | | | | | V | V | | | | | | |
| | Replace Air Filter Paper Cartridge | | | | | V 2 | | | | | | | |
| | Replace Fuel Filter | | | | | | V | | | | | | |

1 - Change more often when operating under a heavy load or in high ambient temperatures. 5 - If equipped with adjustable system.

2 - Service more often when operating in dirty or dusty conditions.

3 - If equipped with oil filter, change oil every 50 hours.

4 - Replace blades more often when mowing in sandy soil.

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.

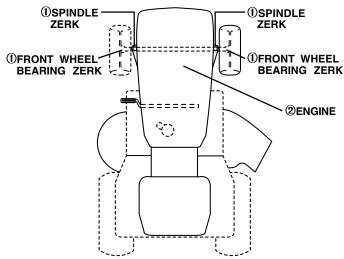
BEFORE EACH USE

- Check engine oil level.
- Check brake operation. •
- Check tire pressure.
- Check operator presence and • interlock systems for proper operation.
- Check for loose fasteners.

- 6 Not required if equipped with maintenance-free battery.
- 7 Tighten front axle pivot bolt to 35 ft.-lbs. maximum.

Do not overtighten.

LUBRICATION CHART



- **①** GENERAL PURPOSE GREASE
- **REFER TO CUSTOMER RESPONSIBILITIES "ENGINE"** 2 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.

TRACTOR

Always observe safety rules when performing any maintenance.

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" section 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.

NOTE: To seal tire punctures and prevent flat tires due to slow leaks, tire sealant may be purchased from your local parts dealer. Tire sealant also prevents tire dry rot and corrosion.

OPERATOR PRESENCE SYSTEM

Be sure operator presence and interlock systems are working properly. If your tractor does not function as described, repair the problem immediately.

- The engine should not start unless the clutch/brake pedal is fully depressed and attachement clutch control is in the disengaged position.
- When the engine is running, any attempt by the operator to leave the seat without first setting the parking brake should shut off the engine.
- When the engine is running and the attachment clutch is engaged, any attempt by the operator to leave the seat should shut off the engine.
- The attachment clutch should never operate unless the operator is in the seat.

BLADE CARE

For best results mower blades must be kept sharp. Replace bent or damaged blades.

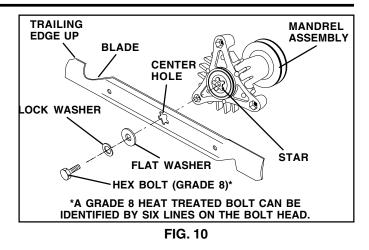
BLADE REMOVAL (See Fig. 10)

- 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.

IMPORTANT: TO ENSURE PROPER ASSEMBLY, CENTER HOLE IN BLADE MUST ALIGN WITH STAR ON MANDREL ASSEMBLY.

- Reassemble hex bolt, lock washer and flat washer in exact order as shown.
- Tighten bolt securely (27-35 Ft. Lbs. torque).

IMPORTANT: BLADE BOLT IS GRADE 8 HEAT TREATED.



TO SHARPEN BLADE (See Fig. 11)

NOTE: We do not recommend sharpening blade - but if you do, be sure the blade is balanced.

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).

NOTE: Do not use a nail for balancing blade. The lobes of the center hole may appear to be centered, but are not.

• 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.

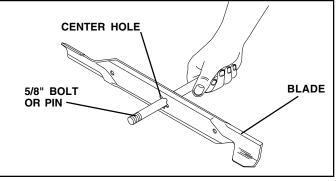


FIG. 11

BATTERY

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.

- Keep battery and terminals clean.
- Keep battery bolts tight.
- Keep small vent holes open.
- Recharge at 6-10 amperes for 1 hour.

NOTE: The original equipment battery on your tractor is maintenance free. Do not attempt to open or remove caps or covers. Adding or checking level of electrolyte is not necessary.

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.
- 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 "REPLACING BATTERY" in the SERVICE AND ADJUSTMENTS section of this manual).

V-BELTS

Check V-belts for deterioration and wear after 100 hours of operation and replace if necessary. The belts are not adjustable. Replace belts if they begin to slip from wear.

TRANSAXLE COOLING

The transmission fan and cooling fins should be kept clean to assure proper cooling.

Do not attempt to clean fan or transmission while engine is running or while the transmission is hot. To prevent possible damage to seals, do not use high pressure water or steam to clean transaxle.

- 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.

ENGINE

LUBRICATION

Only use high quality detergent oil rated with API service classification SF-SJ. Select the oil's SAE viscosity grade according to your expected operating temperature.

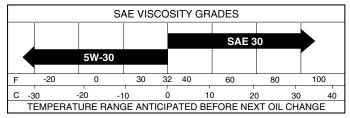


FIG. 12

NOTE: Although multi-viscosity oils (5W30, 10W30 etc.) improve starting in cold weather, these multi-viscosity oils will result in increased oil consumption when used above 32°F. Check your engine oil level more frequently to avoid possible engine damage from running low on oil.

Change the oil after every 25 hours of operation or at least once a year if the tractor is not used for 25 hours in one year.

Check the crankcase oil level before starting the engine and after each eight (8) hours of operation. Tighten oil fill cap/ dipstick securely each time you check the oil level.

TO CHANGE ENGINE OIL (See Figs. 12 and 13)

Determine temperature range expected before oil change. All oil must meet API service classification SF-SJ.

- 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 cap from bottom fitting of drain valve and install the drain tube onto the fitting.
- Unlock drain valve by pushing inward and turning counterclockwise.
- To open, pull out on the drain valve.
- After oil has drained completely, close and lock the drain valve by pushing inward and turning clockwise until the pin is in the locked position as shown.
- Remove the drain tube and replace the cap onto to the bottom fitting of the drain valve.
- Refill engine with oil through oil fill dipstick tube. Pour slowly. Do not overfill. For approximate capacity see "PRODUCT SPECIFICATIONS" section of this manual.
- Use gauge on oil fill cap/dipstick for checking level. Be sure dipstick cap is tightened securely for accurate reading. Keep oil at "FULL" line on dipstick.

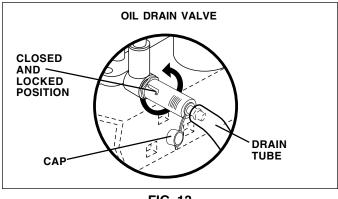


FIG. 13

CLEAN AIR SCREEN

Air screen must be kept free of dirt and chaff to prevent engine damage from overheating. Clean with a wire brush or compressed air to remove dirt and stubborn dried gum fibers.

AIR FILTER

Your engine will not run properly using a dirty air filter. Remove cartridge every 25 hours of operation and tap to clean. Replace paper cartridge once a year or after every 100 hours of operation, more often if used in very dusty, dirty conditions.

- Remove knobs and cover.
- Remove foam pre-cleaner element by sliding it off of the paper cartridge.

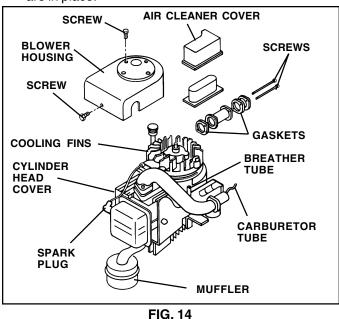
NOTE: Do not attempt to clean or oil the paper cartridge. Replace paper cartridge once a year or after every 100 hours of operation; more often if used in very dusty or dirty conditions.

- Wash foam pre-cleaner in liquid detergent and water.
- Wrap foam pre-cleaner in cloth and squeeze dry.
- Lightly coat foam pre-cleaner with clean engine oil. Squeeze in towel to remove excess oil. Do not saturate.
- Install foam pre-cleaner over paper cartridge.
- Reassemble cover and tighten knobs securely.

ENGINE COOLING FINS (See Fig. 14)

Remove any dust, dirt or oil from engine cooling fins to prevent engine damage from overheating. Hood and engine blower housing must be removed to clean engine cooling fins.

- Remove hood (See "TO REMOVE HOOD AND GRILL ASSEMBLY" in the Service and Adjustments section of this manual).
- Remove screws securing air cleaner body and remove. (Cover carburetor opening to prevent entry of dirt).
- Remove oil fill dipstick and cover opening to prevent entry of dirt.
- Remove screws from blower housing and lift housing off engine.
- Use compressed air or stiff bristle brush to thoroughly clean engine cooling fins.
- To reassemble, reverse above procedure.
- Be certain carburetor tube, breather tube and gaskets are in place.



MUFFLER

Inspect and replace corroded muffler and spark arrester (if equipped) as it could create a fire hazard and/or damage.

SPARK PLUGS

Replace spark plugs at the beginning of each mowing season or after every 100 hours of operation, whichever occurs first. Spark plug type and gap setting are shown in "PRODUCT SPECIFICATIONS" section of this manual.

IN-LINE FUEL FILTER (See Fig. 15)

The fuel filter should be replaced once each season. If fuel filter becomes clogged, obstructing fuel flow to carburetor, replacement is required.

- With engine cool, remove filter and plug fuel line sections.
- Place new fuel filter in position in fuel line with arrow pointing towards carburetor.
- Be sure there are no fuel line leaks and clamps are properly positioned.
- Immediately wipe up any spilled gasoline.

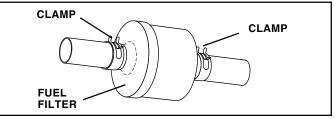


FIG. 15

CLEANING

18

- Clean engine, battery, seat, finish, etc. of all foreign matter.
- Keep finished surfaces and wheels free of all gasoline, oil, etc.
- Protect painted surfaces with automotive type wax.

We do not recommend using a garden hose to clean your tractor unless the electrical system, muffler, air filter and carburetor are covered to keep water out. Water in engine can result in a shortened engine life.



- **CAUTION: BEFORE PERFORMING ANY SERVICE OR ADJUSTMENTS:**
- Depress clutch/brake pedal fully and set parking brake.
- Place motion control lever in neutral (N) position.
- Place attachment clutch in "DISENGAGED" position.
- Turn ignition key "OFF" and remove key.
- Make sure the blades and all moving parts have completely stopped.
- Disconnect spark plug wire from spark plug and place wire where it cannot come in contact with plug.

TRACTOR

TO REMOVE MOWER (See Fig. 16)

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. •
- Remove small retainer spring, and lift clutch spring off pulley bolt.
- Remove large retainer spring, slide collar off and push • housing guide out of bracket.
- Disconnect anti-swaybar from chassis bracket by re-• moving 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 DECK IS TO BE MOUNTED ON THE TRACTOR, REMOVE THE FRONT LINKS AND HOOK THE CLUTCH SPRING INTO SQUARE HOLE IN FRAME.

TO INSTALL MOWER (See Fig. 16)

- Raise attachment lift lever to its highest position. •
- side of tractor.

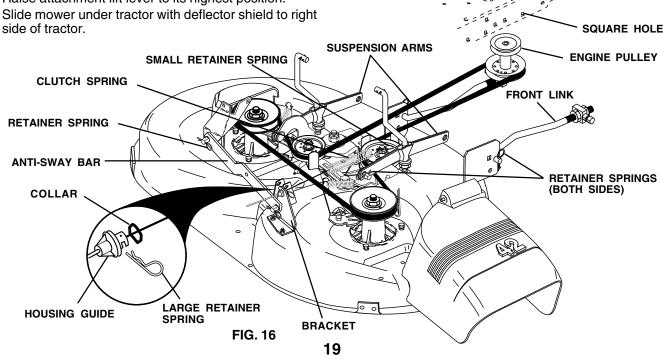
- Lower lift lever to its lowest position.
- Install mower in reverse order of removal instructions.

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" section of this manual). If tires are over or underinflated, you will not properly adjust your mower.

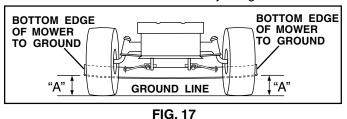
SIDE-TO-SIDE ADJUSTMENT (See Figs. 17 and 18)

- 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.



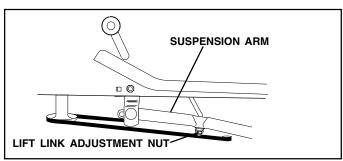


FIG. 18

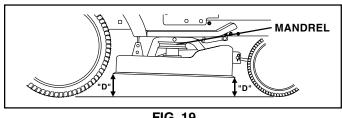
FRONT-TO-BACK ADJUSTMENT (See Figs. 19 and 20)

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-TO-SIDE.

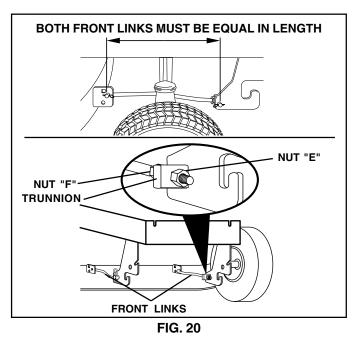
To obtain the best cutting results, the mower housing should be adjusted so that the front is approximately 1/8" to 1/2" lower than the rear when the mower is in its highest position.

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".
- If links are not equal in length, adjust one link to same length as other link.
- To lower front of mower loosen nut "E" on both front links an equal number of turns.
- When distance "D" is 1/8" to 1/2" lower at front than rear, tighten nuts "F" against trunnion on both front links.
- To raise front of mower, loosen nut "F" from trunnion on both front links. Tighten nut "E" on both front links an equal number of turns.
- When distance "D" is 1/8" to 1/2" lower at front than rear, tighten nut "F" against trunnion on both front links.
- Recheck side-to-side adjustment.







TO REPLACE MOWER BLADE DRIVE BELT (See Fig. 21)

The mower blade drive belt may be replaced without tools. Park the tractor on level surface. Engage parking brake.

BELT REMOVAL -

- Remove mower from tractor (See "TO REMOVE MOWER" in this section of this manual).
- Work belt off both mandrel pulleys and idler pulleys.
- Pull belt away from mower.

BELT INSTALLATION -

- Install new belt in reverse order of removal.
- Make sure belt is in all pulley grooves and inside all belt guides.
- Install mower in reverse order of removal instructions.

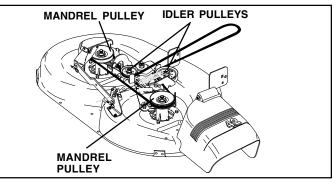


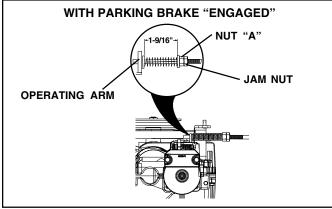
FIG. 21

TO ADJUST BRAKE (See Fig. 22)

Your tractor is equipped with an adjustable brake system which is mounted on the side of the transaxle.

If tractor requires more than six (6) feet stopping distance at high speed in highest gear on a level dry concrete or paved surface, 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 1-9/16", loosen jam nut and turn nut "A" until distance becomes 1-9/16". 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/department.





TO REPLACE MOTION DRIVE BELT (See Fig. 23)

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 belt from stationary idler and clutching idler.
- Pull belt slack toward rear of tractor. Carefully remove belt upwards from transmission input pulley.
- Pull belt toward front of tractor and remove downward from around engine pulley.
- Install new belt by reversing above procedure.

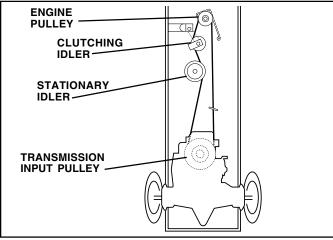


FIG. 23

TRANSAXLE MOTION CONTROL LEVER NEUTRAL ADJUSTMENT (See Fig. 24)

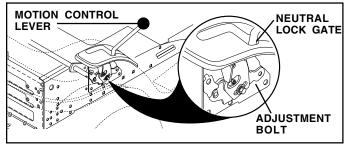
The motion control lever has been preset at the factory and adjustment should not be necessary.

- Loosen adjustment bolt in front of the right rear wheel, and lightly tighten.
- Start engine and move motion control lever until tractor does not move forward or backward.
- Hold motion control lever in that position and turn engine off.
- While holding motion control lever in place, loosen the adjustment bolt.
- Move motion control lever to the neutral (N) (lock gate) position.
- Tighten adjustment bolt securely.

NOTE: If additional clearance is needed to get to adjustment bolt, move mower deck height to the lowest position.

After above adjustment is made, if the tractor still creeps forward or backward while motion control lever is in neutral position, follow these steps:

- Loosen the adjustment bolt.
- Move the motion control lever 1/4 to 1/2 inch in the direction it is trying to creep.
- Tighten adjustment bolt securely.
- Start engine and test.
- If tractor still creeps, repeat above steps until satisfied.





TRANSMISSION REMOVAL/REPLACEMENT

Should your transmission require removal for service or replacement, it should be purged after reinstallation and before operating the tractor. See "PURGE TRANSMIS-SION" in the Operation section of this manual.

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/department.

TO REMOVE WHEEL FOR REPAIRS (See Fig. 25)

- 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.

NOTE: To seal tire punctures and prevent flat tires due to slow leaks, tire sealant may be purchased from your local parts dealer. Tire sealant also prevents tire dry rot and corrosion.

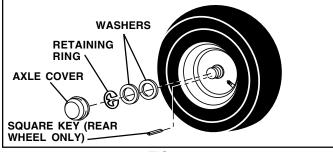


FIG. 25

TO START ENGINE WITH A WEAK BATTERY (See Fig. 26)



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. (See "BATTERY" in the CUSTOMER RESPON-SIBILITIES section of this manual).

If "jumper cables" are used for emergency starting, follow this procedure:

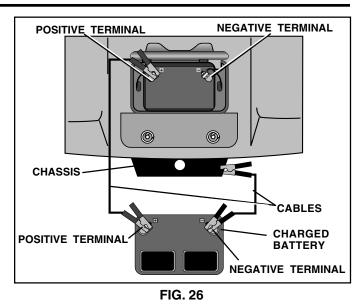
IMPORTANT: YOUR TRACTOR IS EQUIPPED WITH A 12 VOLT NEGATIVE GROUNDED SYSTEM. THE OTHER VEHICLE MUST ALSO BE A 12 VOLT NEGATIVE GROUNDED SYSTEM. DO NOT USE YOUR TRACTOR BATTERY TO START OTHER VEHICLES.

TO ATTACH JUMPER CABLES -

- 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 good CHASSIS GROUND, away from fuel tank and battery.

TO REMOVE CABLES, REVERSE ORDER -

- BLACK cable first from chassis and then from the fully charged battery.
- RED cable last from both batteries.



REPLACING BATTERY (See Figs. 27 and 28)



CAUTION: Do not short battery terminals by allowing a wrench or any other object to contact both terminals at the same time. Before connecting battery, remove metal bracelets, wristwatch bands, rings, etc.

Positive terminal must be connected first to prevent sparking from accidental grounding.

- Lift seat pan to raised position and open battery box door.
- Disconnect BLACK battery cable first then RED battery cable and carefully remove battery from tractor.
- Install new battery with terminals in same position as old battery.
- First connect RED battery cable to positive (+) terminal with hex bolt and keps nut as shown. Tighten securely.
- Connect BLACK grounding cable to negative (-) terminal with remaining hex bolt and keps nut. Tighten securely.
- Close battery box door.

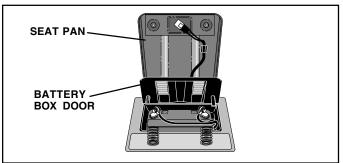


FIG. 27

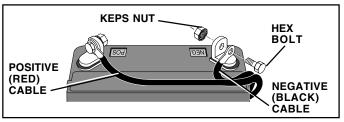


FIG. 28

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.

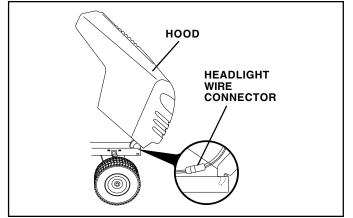
• Check wiring. See electrical wiring diagram in the Repair Parts section.

TO REPLACE FUSE

Replace with 20 amp automotive-type plug-in fuse. The fuse holder is located behind the dash.

TO REMOVE HOOD AND GRILL ASSEMBLY (See Fig. 29)

- 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.





ENGINE

TO ADJUST THROTTLE CONTROL CABLE (See Fig. 30)

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 hole in throttle lever and hole in plate line up. If holes "A" are not aligned, loosen clamp screw and move throttle cable until holes are aligned. Tighten clamp screw securely.

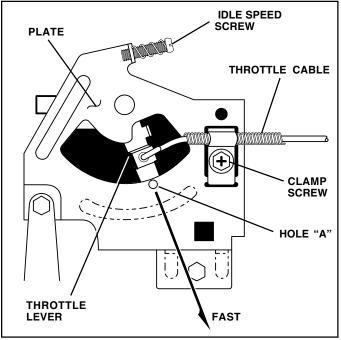


FIG. 30

TO ADJUST CARBURETOR

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, see engine manual.

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.

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.

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.

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.
- If battery is removed from tractor for storage, do not store battery directly on concrete or damp surfaces.

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.

- 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).

CYLINDER(S)

- 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.

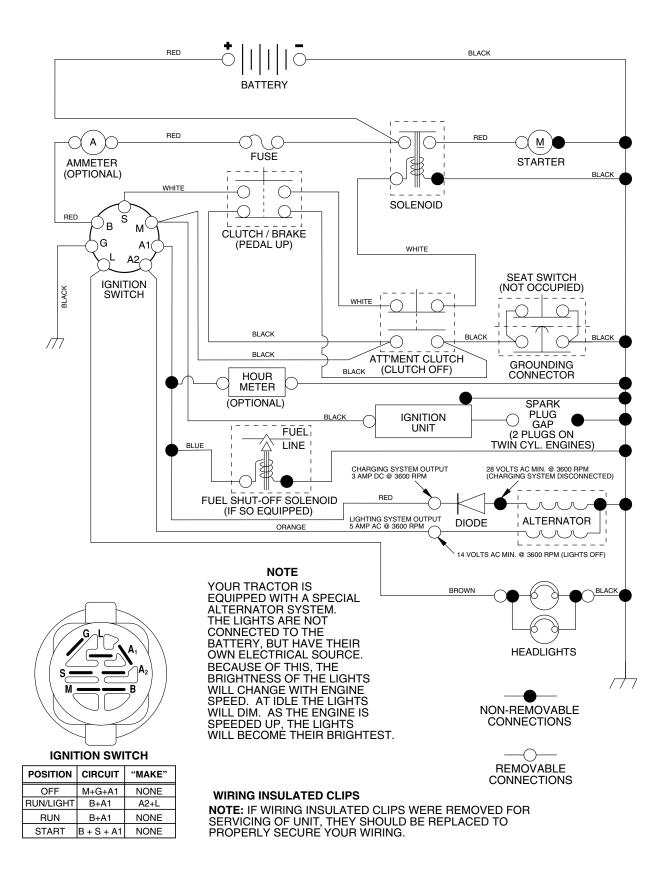
TROUBLESHOOTING POINTS

| PROBLEM | CAUSE | CORRECTION |
|----------------------------------|--|--|
| Will not start | 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. | 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. See "To Adjust Carburetor" in Service Adjustments section. Contact an authorized service center/department. |
| Hard to start | 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. | 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. See "To Adjust Carburetor" in Service Adjustments section. Contact an authorized service center/department. |
| Engine will not turn over | 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). | 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 | Weak or dead battery. Corroded battery terminals. Loose or damaged wiring. Faulty solenoid or starter. | Recharge or replace battery. Clean battery terminals. Check all wiring. Check/replace solenoid or starter. |
| Loss of power | 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. 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. | 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/replace muffler. Check all wiring. See "To Adjust Carburetor" in Service Adjustments section. Contact an authorized service center/department. |
| Excessive vibration | Worn, bent or loose blade. Bent blade mandrel. Loose/damaged part(s). | Replace blade. Tighten blade bolt. Replace blade mandrel. Tighten loose part(s). Replace damaged parts. |

TROUBLESHOOTING POINTS

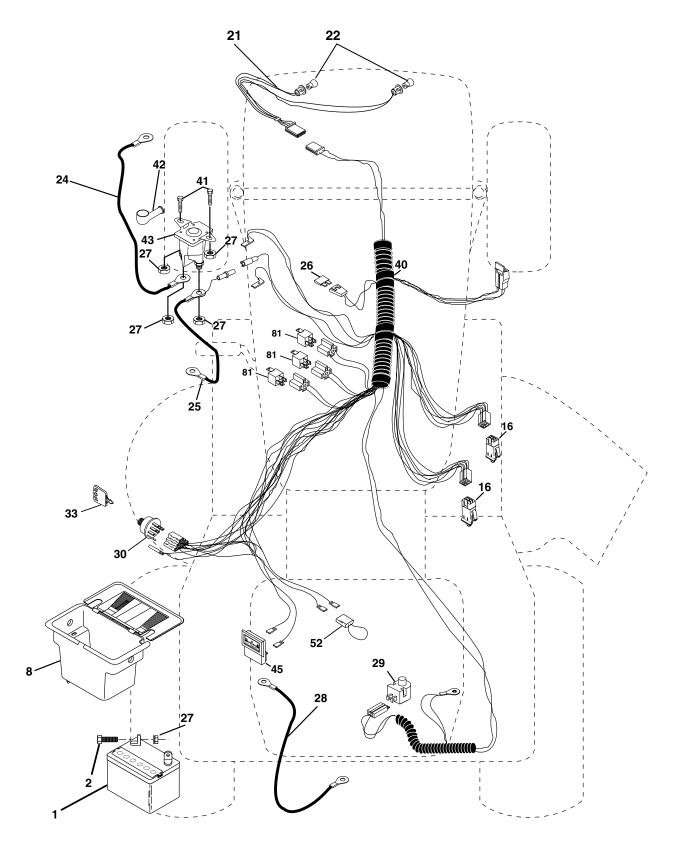
| PROBLEM | CAUSE | CORRECTION |
|--|---|--|
| Engine continues to run when operator leaves seat with attachment clutch engaged | 1. Faulty operator-safety presence control system. | Check wiring, switches and connections. If not corrected, contact an authorized service center/ department. |
| Poor cut - uneven | 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. | 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 rotate1. Obstruction in clutch mechanism. 2. Worn/damaged mower drive belt. 3. Frozen idler pulley. 4. Frozen blade mandrel. | | Remove obstruction. Replace mower drive belt. Replace idler pulley. Replace blade mandrel. |
| Poor grass discharge | 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. | 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) | Switch is "OFF". Bulb(s) or lamp(s) burned out. Faulty light switch. Loose or damaged wiring. Blown fuse. | Turn switch "ON". Replace bulb(s) or lamp(s). Check/replace light switch. Check wiring and connections. Replace fuse. |
| Battery will not charge | Bad battery cell(s). Poor cable connections. Faulty regulator (if so equipped). Faulty alternator. | Replace battery. Check/clean all connections. Replace regulator. Replace alternator. |
| Engine "backfires" when turning engine "OFF" | Engine throttle control not set at "SLOW" position for 30 seconds before stopping engine. | Move throttle control to "SLOW" position and allow to idle for 30 seconds before stopping engine. |

SCHEMATIC



TRACTOR - - MODEL NUMBER S165H42D

ELECTRICAL



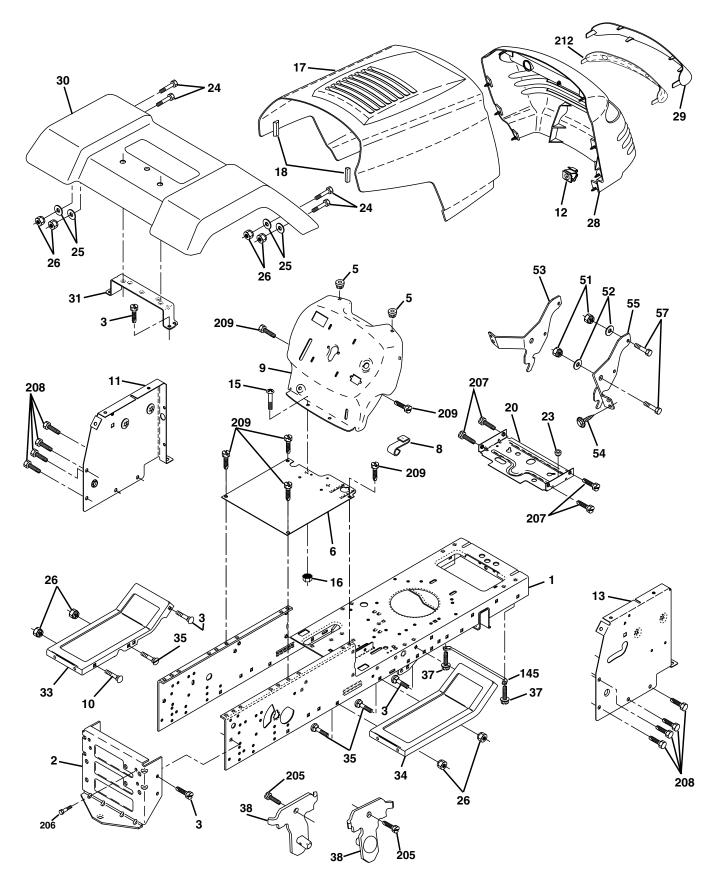
TRACTOR - - MODEL NUMBER S165H42D

ELECTRICAL

| KEY NO. | part No. | DESCRIPTION |
|------------|-------------|-----------------------------------|
| 1 | 144925 | Battery 12 Volt 25 Amp |
| 2 | 74760412 | Bolt Hex Hd 1/4-20unc X 3/4 |
| 8 | 156417 | Case Battery |
| 16 | 153664 | Switch Interlock Push -In |
| 21 | 166181 | Harness Asm Light W/4152J |
| 22 | 4152J | Bulb Light #1156 |
| 24 | 108423X | Cable Battery 6 Ga 16"red |
| 25 | 146147 | Cable Battery 6 Ga w/16 wire, red |
| 26 | 175158 | Fuse |
| 27 | 73510400 | Nut Keps Hex 1/4-20 unc |
| 28 | 4207J | Cable Ground 6 Ga 12" black |
| 29 | 121305X | Switch Plunger Nc Gray |
| 30 | 175566 | Switch Ign |
| 33 | 140401 | Key Ign |
| 40 | 178437 | HarnessIgn |
| 41 | 71110408 | Bolt Blk Fin Hex 1/4-20 X 1/2 |
| 42 | 131563 | Cover Terminal Red |
| 43 | 178861 | Solenoid |
| 45 | 121433X | Ammeter |
| 52 | 141940 | Protection Wire Loop |
| 81 | 109748X | Relay Asm |
| | | |

NOTE: All component dimensions give in U.S. inches 1 inch = 25.4 mm.

TRACTOR - - MODEL NUMBER S165H42D CHASSIS AND ENCLOSURES



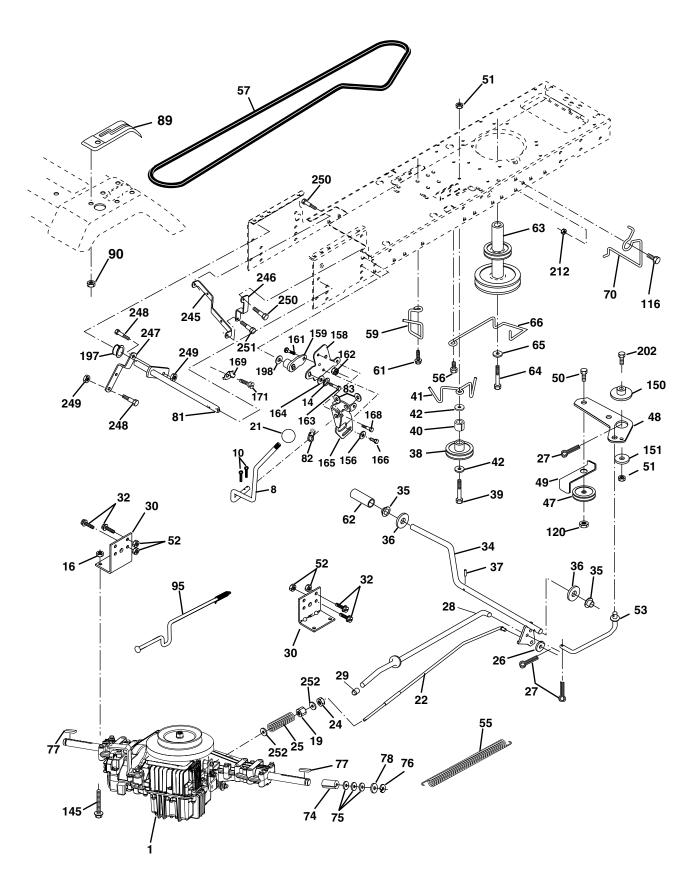
TRACTOR - - MODEL NUMBER S165H42D CHASSIS AND ENCLOSURES

| KEY NO. | PART NO. | DESCRIPTION |
|------------|--------------------------|--|
| 1 2 | 174620 176554 | Chassis Drawbar |
| 3 5 | 17060612 155272 | Screw 3/8-16 x 3/4 Bumper Hood/Dash |
| 6 | 155923 | Saddle Flat Lt Fender Shift |
| 8 | 155138 | Clip Retainer Slide-On |
| 9 10 | 168348X012 72140608 | Dash Bolt RdHd Sqnk. 3/8-16 Unc x 1 |
| 11 | 155927 | Panel Asm. Dash Lh |
| 12 | 145660 | Clip Tinnerman Grile P/L |
| 13 15 | 172107X010 74180512 | Panel Dash Rh Screw Mach Trhd 5/16-18 Unc x 3/4 |
| 16 | 73510500 | Nut Keps 5/16-18 Unc |
| 17 18 | 159639X550 126938X | Hood |
| 20 | 156437 | Bumper Hood Plate Mtg Battery/Fuel Tank Fr |
| 23 | 124028X | Bushing Snap Nyl Blk Fuel Line |
| 24 25 | 74780616 19131312 | Bolt Fin Hex 3/8-16 Unc x 1 Gr. 5 Washer 13/32 x 13/16 x 12 Ga. |
| 26 | 73800600 | Nut Lock Hex w/Insert 3/8-16 UNC |
| 28 | 150407 | Grill/Lens Asm |
| 29 30 | 150209X599 169467X550 | Lens Quadra Fender Asm |
| 31 | 136619 | BracketFender |
| 33 34 | 105476X550 105475X550 | Footrest Lh |
| 34 35 | 72110606 | Footrest Rh Bolt RdHd Sht. Sqnk. 3/8-16 x 3/4 |
| 37 | 17490508 | Screw Thdrol 5/16-18 x 1/2 Tyt |
| 38 51 | 175710 73800400 | Bracket Asm. Pivot Mower Rear Nut Lock Hex W/Ins. 1/4-20 |
| 52 | 19091416 | Washer $9/32 \times 7/8 \times 16$ Ga. |
| 53 | 144697 | Bracket Grille LH |
| 54 55 | 161464 144696 | Screw Hex Wshd 8-18 x 7/8 Bracket, Grille RH |
| 57 | 74780412 | Bolt Fin Hex 1/4-20 x .75 |
| 145 | 156524 | Rod Pivot Chassis/Hood |
| 205 206 | 17490608 170165 | Screw Thdrol 3/8-16 x 1/2 Bolt shoulder 5/16-18 |
| 207 | 17670508 | Screw Thdrol 5/16-18 x 1/2 |
| 208 209 | 17670608 17000612 | Screw Thdrol 3/8-16 x 1/2 Screw Hex Wsh Thdrol 3/8-16 |
| 209 | 156494 | Insert Lens Reflector |
| | 5479J | Plug Btn Blk |
| NOTE | | |

NOTE: All component dimensions given in U.S. inches 1 inch = 25.4 mm

TRACTOR - - MODEL NUMBER S165H42D

DRIVE



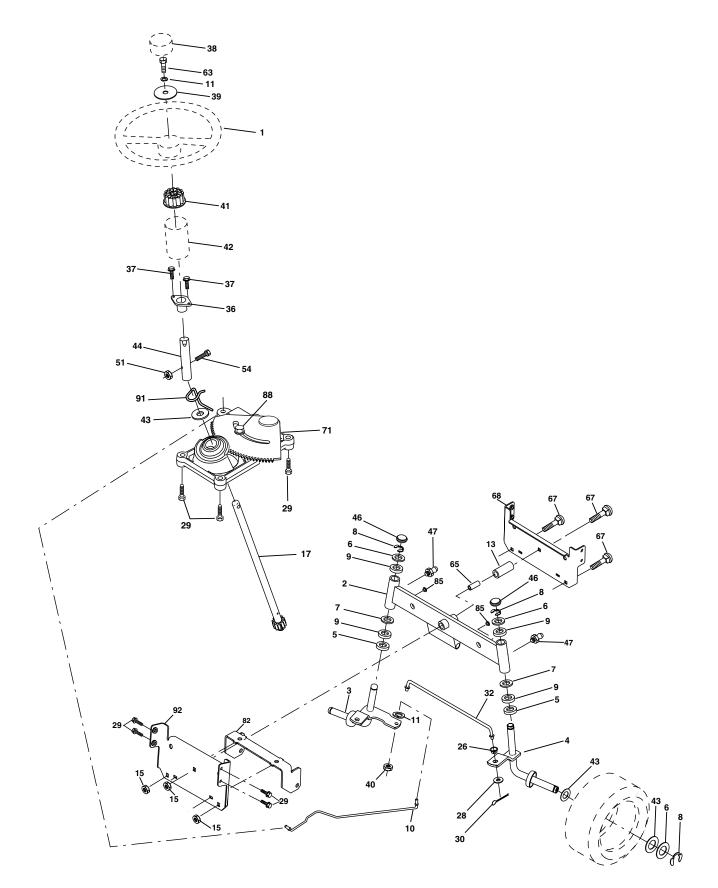
TRACTOR - - MODEL NUMBER S165H42D

DRIVE

| KEY NO. | PART NO. | DESCRIPTION | Key No. | PART NO. | DESCRIPTION |
|----------------|--------------------------------|--|----------------|--------------------------------|---|
| 1 | | Transaxle Peerless Model LTH2000 (Order parts from transaxle manufacturer) | 69 70 74 | 142432 134683 137057 | Screw Keeper Belt Engine Spacer, Axle |
| 8 10 14 | 165619 76020416 10040400 | Rod Shift Fender Adjust LT Pin Cotter 1/8 x 1 CAD | 75 76 77 | 121749X 12000001 123583X | Washer 25/32 x 1-1/4 x 16 Gauge E-Ring |
| 16 19 | 73800500 73800600 | Washer Lock Hvy Helical Nut Lock Hex W/Ins 5/16-18 Unc P Nut Lock Hex W/Wsh 3/8-16 Unc | 78 81 | 121748X 178140 | Key, Square Washer 25/32 x 1-5/8 x 16 Gauge Shaft Asm Cross |
| 21 | 106933X | Knob, Round 1/2-13 | 82 | 123782X | Spring Torsion T/A |
| 22 | 178141 | Rod, Brake | 83 | 19171216 | Washer 17/32 x 3/4 x 16 Ga. |
| 24 | 73350600 | Nut | 89 | 169373X428 | Console, Hydro |
| 25 | 106888X | Spring, Brake Rod | 90 | 142432 | Screw Hex Wsh 1/4-20 |
| 26 | 19131316 | Washer | 95 | 178134 | Rod Bypass |
| 27 | 76020412 | Pin Cotter 1/8 x 3/4 CAD. | 116 | 72140608 | Bolt Rdhd Sq Neck 3/8-16 x 1.00 |
| 28 | 175765 | Rod, Parking Brake | 120 | 73900600 | Nut Lock Flg. 3/8-16 Unc |
| 29 | 71673 | Cap, Parking Brake | 145 | 74490540 | Bolt Hex Flghd 5/16-18 x Gr. 5 |
| 30 | 174973 | Bracket, Transaxle | 150 | 175456 | Spacer Retainer |
| 32 | 74760512 | Bolt Hex Hd 5/16-18 Unc x 3/4 | 151 | 19133210 | Washer 13/32 x 2 x 10 Ga. |
| 34 | 175578 | Shaft, Foot Pedal | 156 | 166002 | Washer Srrted 5/16 ID x 1.125 |
| 35 | 120183X | Bearing, Nylon | 158 | 165589 | Bracket Shift Mount |
| 36 | 19211616 | Washer | 159 | 165494 | Hub Tapered Flange Shift LT |
| 37 | 1572H | Pin, Roll | 161 | 72140406 | Bolt Rdhd Sqnk 1/4-20 x 3/4 Gr. 5 |
| 38 | 165936 | Pulley, Idler, Flat | 162 | 73680400 | Nut Crownlock 1/4-20 Unc |
| 39 | 74760648 | Bolt | 163 | 74780416 | Bolt Hex Fin 1/4-20 Unc x 1 Gr. 5 |
| 40 | 175461 | Spacer, Split | 164 | 19091010 | Washer 5/8 x .281 x 10 Ga. |
| 41 | 175556 | Keeper, Belt Idler | 165 | 165623 | Bracket Pivot Lever |
| 42 | 19131312 | Washer 13/32 x 13/16 x 12 Gauge | 166 | 166880 | Screw 5/16-18 x 5/8 |
| 47 | 127783 | Pulley, Idler, V-Groove | 168 | 165492 | Bolt Shoulder 5/16-18 x .561 |
| 48 | 154407 | Bellcrank Clutch Grd Drv Stl | 169 | 165581 | Plate Fastening LT |
| 49 | 123205X | Retainer, Belt | 171 | 17490608 | Screw Thdrol 3/8-16 x 1/2 TY-TT |
| 50 | 74760624 | Bolt | 197 | 169613 | Nyliner Snap-In 5/8" Id |
| 51 | 73680600 | Nut Crownlock 3/8-16 UNC | 198 | 169593 | Washer Nyl 7/8 ld x .105 |
| 52 | 73680500 | Nut Crownlock 5/16-18 UNC | 202 | 72110614 | Bolt Carr Sh 3/8-16 x 1-3/4 Gr. 5 |
| 53 | 105710X | Link, Clutch | 212 | 145212 | Nut Hex Flange Lock |
| 55 | 105709X | Spring, Return, Clutch | 245 | 178122 | Strap Torque ĽH |
| 56 | 17060616 | Screw 3/8-16 x 1 | 246 | 178121 | Strap Torque RH |
| 57 | 178138 | V-Belt, Ground Drive | 247 | 178127 | Link, Transaxle |
| 59 | 169691 | Keeper, Center Span | 248 | 178847 | Bolt Shoulder |
| 61 | 17060612 | Screw 3/8-16 x 3/4 | 249 | 1685H | Nut Lock 5/16-18 NC THD |
| 62 | 8883R | Cover, Pedal | 250 | 17060612 | Screw 3/8-16 |
| 63 64 65 | 175410 71170764 10040700 | Pulley, Engine Bolt, Hex Washer | 251 252 | 17060516 19131616 | Screw 5/16-18 x 1 Washer 13/32 x 1 x 16 Ga. |
| 66 66 | 154778 | Keeper Belt Engine Hydro | NOTI | E: All compone 1 inch = 25 | ent dimensions given in U.S. inches 5.4 mm |

TRACTOR - - MODEL NUMBER S165H42D

STEERING ASSEMBLY



TRACTOR - - MODEL NUMBER S165H42D

STEERING ASSEMBLY

| KEY NO. | PART NO. | DESCRIPTION |
|------------|-----------------------|--|
| 1 2 | 133741X428 154427 | Wheel Steering Axle Asm Front |
| 3 4 | 169840 169839 | Spindle Asm Lh Spindle Asm Rh |
| 5 | 6266H | Bearing Race Thrust Harden |
| 6 | 121748X | Washer 25/32 X 1 5/8 X 16ga |
| 7 8 | 19272016 | Washer 27/32 X 1 1/4 X 16 Ga Ring Klip #t5304-75 |
| o 9 | 12000029 3366R | Bearing Col Strg Blk |
| 10 | 175121 | Link Drag Extended |
| 11 | 10040600 | Lockwasher |
| 13 15 | 136518 145212 | Spacer Bearing Axle Front Hex Flange Lock |
| 17 | 177876 | Shaft Asm Strg |
| 26 | 126847X | Bushing Rod Tie Blk Lt |
| 28 29 | 19131416 17060612 | Washer 13/32 X 7/8 X 16ga Screw 3/8-16x3/4 |
| 30 | 76020412 | Pin |
| 32 | 130465 | Rod Tie Wire Form 1975 Mech |
| 36 37 | 155099 152927 | Bushing Strg 5/8 ld Dash Screw TT #10-32 x 5 x 3/8 Flange |
| 38 | 133742X428 | Insert Cap Strg |
| 39 | 19133812 | Washer 13/32 x 2-3/8 x 12Ga |
| 40 | 7810H | Locknut Center |
| 41 42 | 100711L 145054X428 | Adaptor Wheel Strg 640/ 635id Boot Dash Steering |
| 43 | 121749X | Washer 25/32 X 1 1/4 X 16 Ga |
| 44 | 153720 | Extension Steering Non-Adjust |
| 46 47 | 121232X 6855M | Cap Spindle Fr Top Blk Fitting Grease |
| 51 | 73800500 | Nut Lock Hex W/Ins. |
| 54 | 74780520 | Bolt Fin Hex 5/16-18 Unc P |
| 63 65 | 74780616 | Bolt Fin Hex 3/8-16 Unc x Gr. 5 |
| 65 67 | 160367 72140618 | Spacer Brace Axle Bolt Rdhd Sq 3/8-16 Unc x 2-3/4 |
| 68 | 169827 | Brace Axle |
| 71 | 175146 | Steering Asm |
| 82 85 | 169835 133835 | Bracket Susp Chassis Front Fastener Christmas Tree |
| 88 | 175118 | Bolt Shoulder 7/16-20 Unc |
| 91 | 175553 | ClipSteering |

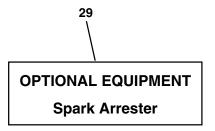
NOTE: All component dimensions given in U.S. inches 1 inch = 25.4 mm

TRACTOR - - MODEL NUMBER S165H42D

(3

ENGINE 2 -32-

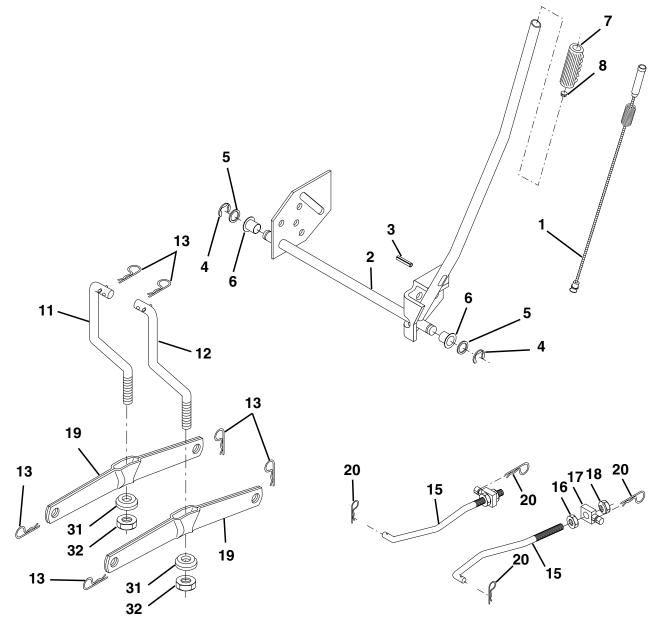
Q C



| KEY NO. | part No. | DESCRIPTION | KEY NO. | part No. | DESCRIPTION |
|------------|--|---|--|--|---|
| 1 | 170551 | Control Throt/Ch | 33 | 123487X | Clamp Hose Blk |
| 2 | 17720410 | Screw Hex Thd Cut 1/4-20x5/8 T | 37 | 137040 | Line Fuel 20" |
| 3 | | Engine Tec, Model OHV165 | 38 | 148315 | Plug Drain Oil Easy |
| | | (Order parts from engine | 40 | 124028X | Bushing Snap Nyl Blk Fuel Line |
| | | manufacturer) | 44 | 17670412 | Screw Hexwsh Thdrol 1/4-20x3/4 |
| 4 | 137351 | Muffler Tec 13.5/17 Lt | 45 | 17000612 | Screw 5/16-18 x 3/4 |
| 13 | 149272 | Gasket | 46 | 19091416 | Washer 9/32 X 7/8 X 16ga |
| 14 | 148456 | Tube Drain Oil Easy | 62 | 10040500 | Washer Lock Hvy Hlcl Spr 5/16 |
| 16 | 11050600 | Washer Lock Ext Tooth 3/8 | 78 | 17060620 | Screw 3/8-16x1-1/4 |
| 23 | 169837 | Shield Browning | 81 | 73510400 | Nut Flange 1/4-20 Starter Nut |
| <u>29</u> | 137180 | Arrestor Spark | 85 | 123528X | Bolt Hex Hd Phillips |
| 31 32 | 174642 161493 | Tank Fuel 2.00 Fr Cap Fuel Guage | NOTE | All compo 1 inch = 2 | onent dimensions given in U.S. inches |
| | NO. 1 2 3 4 13 14 16 23 29 31 | NO. NO. 170551 17720410 17720410 17720410 137351 149272 14 148456 16 11050600 23 169837 29 137180 31 174642 | NO.NO.DESCRIPTION1170551Control Throt/Ch217720410Screw Hex Thd Cut 1/4-20x5/8 T3Engine Tec, Model OHV165 (Order parts from engine manufacturer)4137351Muffler Tec 13.5/17 Lt13149272Gasket14148456Tube Drain Oil Easy1611050600Washer Lock Ext Tooth 3/823169837Shield Browning29137180Arrestor Spark31174642Tank Fuel 2.00 Fr | NO. NO. DESCRIPTION NO. 1 170551 Control Throt/Ch 33 2 17720410 Screw Hex Thd Cut 1/4-20x5/8 T 37 3 Engine Tec, Model OHV165 38 (Order parts from engine 40 manufacturer) 44 4 137351 Muffler Tec 13.5/17 Lt 45 13 149272 Gasket 46 14 148456 Tube Drain Oil Easy 62 16 11050600 Washer Lock Ext Tooth 3/8 78 23 169837 Shield Browning 81 29 137180 Arrestor Spark 85 31 174642 Tank Fuel 2.00 Fr NOTE 32 161493 Cap Fuel Guage NOTE | NO. NO. DESCRIPTION NO. NO. 1 170551 Control Throt/Ch 33 123487X 2 17720410 Screw Hex Thd Cut 1/4-20x5/8 T 37 137040 3 Engine Tec, Model OHV165 38 148315 3 Engine Tec, Model OHV165 38 148315 40 124028X manufacturer) 44 17670412 4 137351 Muffler Tec 13.5/17 Lt 45 17000612 13 149272 Gasket 46 19091416 14 148456 Tube Drain Oil Easy 62 10040500 16 11050600 Washer Lock Ext Tooth 3/8 78 17060620 23 169837 Shield Browning 81 73510400 29 137180 Arrestor Spark 85 123528X 31 174642 Tank Fuel 2.00 Fr NOTE: All comport 1 inch = 2 32 161493 Cap Fuel Guage NOTE: All comport 1 inch = 2 |

TRACTOR - - MODEL NUMBER S165H42D

MOWER LIFT



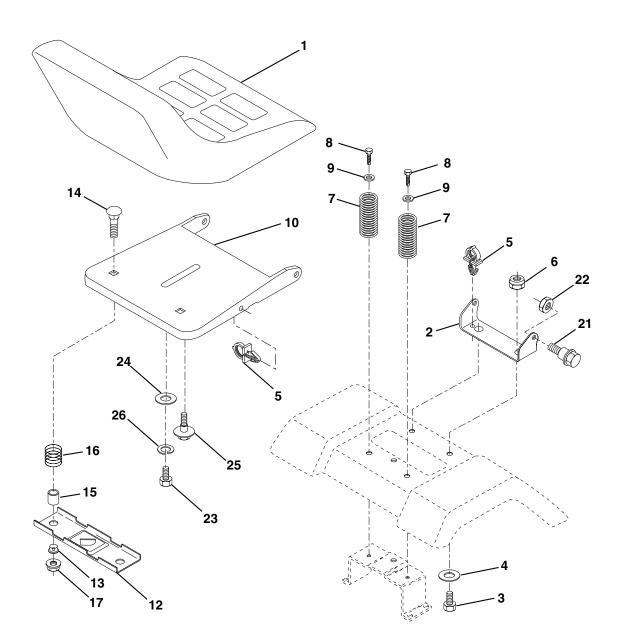
| KEY NO. | PART NO. | DESCRIPTION |
|------------|-------------|-------------------------------|
| 1 | 159460 | Wire Asm Inner/Sprg w/Plunger |
| 2 | 159471 | Shaft Asm Lift |
| 3 | 105767X | Pin Groove |
| 4 | 12000002 | E Ring #5133-62 |
| 5 | 19211621 | Washer 21/32 x 1 x 21 Ga. |
| 6 | 120183X | Bearing Nylon |
| 7 | 109413X | Grip Handle |
| 8 | 124526X | Button Plunger |
| 11 | 139865 | Link Lift Lh |
| 12 | 139866 | Link Lift Rh |
| 13 | 4939M | Retainer Spring |

| KEY NO. | PART NO. | DESCRIPTION |
|------------|-------------|---------------------------|
| 15 | 173288 | Link Front |
| 16 | 73350800 | Nut Jam Hex 1/2-13 Unc |
| 17 | 175689 | Trunnion |
| 18 | 73800800 | Nut Lock w/Wsh 1/2-13 Unc |
| 19 | 139868 | Arm Suspension Rear |
| 20 | 163552 | Retainer Spring |
| 31 | 169865 | Bearing Pvt Lift |
| 32 | 73540600 | Nut Crownlock 3/8-24 |

NOTE: All component dimensions given in U.S. inches 1 inch = 25.4 mm

TRACTOR - - MODEL NUMBER S165H42D

SEAT ASSEMBLY



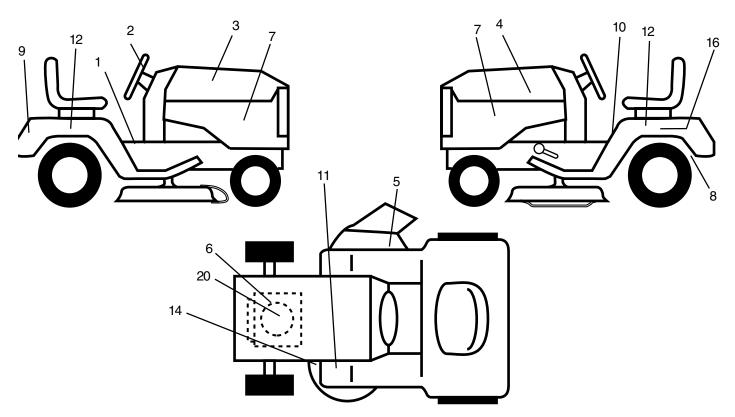
| KEY NO. | PART NO. | DESCRIPTION |
|------------|-------------|--------------------------------|
| 1 | 140116 | Seat |
| 2 | 140551 | Bracket Pnt Pivot Seat (blk) |
| 3 | 71110616 | Bolt |
| 4 | 19131610 | Washer 13/32 x 1 x 10 Ga |
| 5 | 145006 | Clip Push-In Hinged |
| 6 | 73800600 | Nut |
| 7 | 124181X | Spring Seat Cprsn 2 250 Blk Zi |
| 8 | 17000616 | Screw 3/8-16 x 1.5 |
| 9 | 19131614 | Washer 13/32 x 1 x 14 Ga |
| 10 | 174894 | Pan Pnt Seat (blk) |
| 12 | 121246X | Bracket Pnt Mounting Switch |
| 13 | 121248X | Bushing Snap Blk Nyl 50 Id |

| KEY NO. | part No. | DESCRIPTION |
|---|-------------|-----------------------------------|
| 14 | 72050412 | Bolt Rdhd Sht Nk 1/4-20 x 1-1/2 |
| 15 | 134300 | Spacer Split 28 x 96 Yel Zinc |
| 16 | 121250X | Spring Cprsn 1 27 Blk Pnt |
| 17 | 123976X | Nut Lock 1/4 Lge Flg Gr 5 Zinc |
| 21 | 171852 | Bolt Shoulder 5/16-18 Unc Blkz-2A |
| 22 | 73800500 | Nut |
| 23 | 71110814 | Bolt Hex Black |
| 24 | 19171912 | Washer 17/32 x 1-3/16 x 12 Ga |
| 25 | 127018X | Bolt Shoulder 5/16-18 x 62 |
| 26 | 10040800 | Lockwasher |
| NOTE: All component dimensions given in U.S. inches | | |

IOTE: All component dimensions given in U.S. inches 1 inch = 25.4 mm

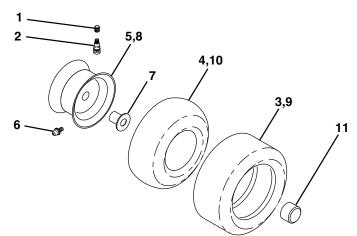
TRACTOR - - MODEL NUMBER S165H42D

DECALS



| KEY NO. | Part No. | DESCRIPTION | KEY NO. | part No. | DESCRIPTION |
|------------|-------------|----------------------------------|------------|-------------|-----------------------------|
| 1 | 156868 | Decal Instruction Operat English | 10 | 157002 | Decal Danger English |
| 2 | 162970 | Decal Ins Strg Wh | 11 | 4900J | Decal Clutch/brake English |
| 3 | 164578 | Decal Hood Rh | 12 | 177430 | Decal Fender |
| 4 | 164579 | Decal Hood Lh | 14 | 160396 | Decal V-belt Schematic 42" |
| 5 | 179128 | Decal Deck | 16 | 145005 | Decal Battery Danger/Poison |
| 6 | 179285 | Decal Engine | 20 | 64-1733-29 | Decal HP Engine |
| 7 | 164425 | Decal Panel Side | | 138311 | Decal Lift Handle |
| 8 | 178392 | Decal Chassis Disconnect | | 179347 | Manual Owner's English |
| 9 | 171448 | Decal Fender Logo | | | Ū. |

WHEELS & TIRES

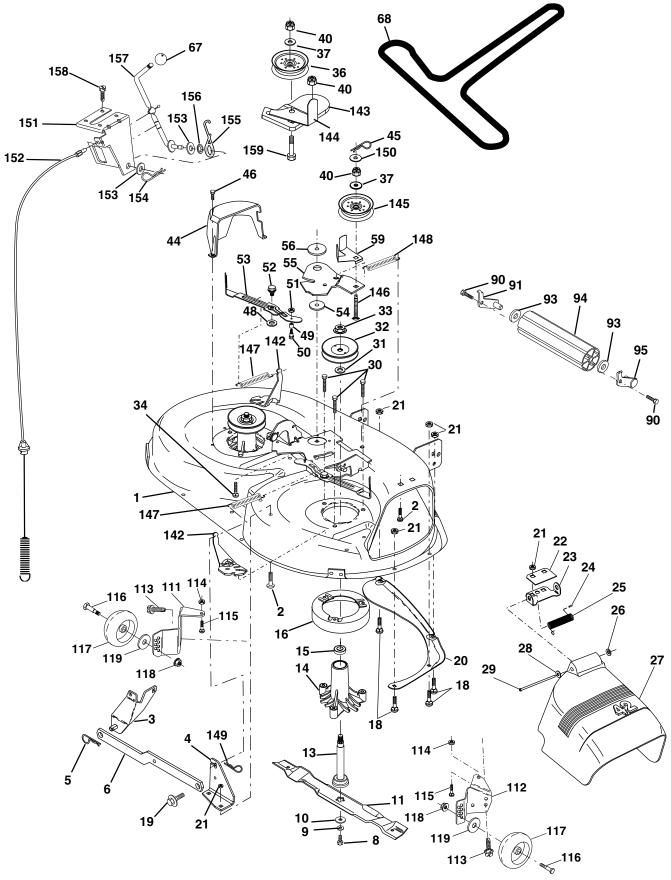


| KEY NO. | PART NO. | DESCRIPTION | |
|------------|-------------|-----------------------------------|--|
| 1 | 59192 | Cap Valve Tire | |
| 2 | 65139 | Stem Valve | |
| 3 | 106222X | Tire F Ts 15 X 6 0 - 6 Service | |
| 4 | 59904 | Tube Front (Service Item Only) | |
| 5 | 106732X427 | Rim Asm 6"front White Service | |
| 6 | 278H | Fitting Grease (Front Wheel Only) | |
| 7 | 9040H | Bearing Flange (Front Wheel Only) | |
| 8 | 106108X427 | Rim Asm 8"rear White Service | |
| 9 | 124635X | Tire R Ts 18x8.5-8 C Service | |
| 10 | 7152J | Tube Rear (Service Item Only) | |
| 11 | 104757X428 | Cap Axle Blk 1 50 X 1 00 | |
| | 144334 | Sealant, Tire (10 oz. Tube) | |
| | | | |

NOTE: All component dimensions given in U.S. inches 1 inch = 25.4 mm

TRACTOR - - MODEL NUMBER S165H42D

MOWER DECK



TRACTOR - - MODEL NUMBER S165H42D

MOWER DECK

| 1 165892 Mower Deck Assembly, 42" 55 155046 Arm, Idler 2 72140506 Bolt For Sway Bar 3/42 56 156723 Spacer, Retainer 4 165460 Bracket Asm Deck 42" Sway Bar 56 165723 Spacer, Retainer 5 4939M Retainer Spring 68 144595 V-Belt, 42" Mower 6 130832 Arm, Suspension, Rear 90 17060612 Screw 3/8-16 x 3/4 9 10030600 Washer, Lock 93 19171416 Washer 17/32 x 7/8 x 16 Ga. 10 14029C Washer, Hardened 94 132264 Roller Nose 38-50" 11 138498 Blade 95 175747 Bracket Asm, Noseroller Lh 14 128774 Housing, Mandrel 113 170650508 Screw 5/16-18 x 1/2 174493 Stripper, Mower Deck 114 73510500 Nut Keps 5/16-18 u for 18 72140505 Bolt, Carriage 5/16-18 x 5/8 115 72110505 Bolt Shid 21 T7368000 | KEY NO. | PART NO. | DESCRIPTION | Key No. | Part No. | DESCRIPTION |
|--|------------|-------------|---|------------|---------------|-------------------------------|
| 3 138017 Bracket Asm Fr. Sway Bar 3/42 59 141043 Guard TUV Idler 4 165460 Bracket Asm Dock 42" Sway Bar 67 10932X Knob 5 4939M Retainer Spring 68 144959 V-Belt, 42" Mower 6 130832 Arm, Suspension, Rear 90 17060612 Screw 3/8-16 x 3/4 9 10030600 Washer, Lock 93 19171416 Washer 17/32 x 7/8 x 16 Ga. 10 140296 Washer, Lock 93 19171416 Washer 17/32 x 7/8 x 16 Ga. 11 137645 Shaft Assembly, Mandrel, Vented 111 179292 Bracket Asm Noseroller Rh 14 1485X Bearing, Bail, Mandrel 113 17060508 Screw 5/16-18 x 1/2 16 174493 Stripper, Mower Deck 114 73510500 Nut Keps 5/16-18 urc 17 1680500 Nut 118 73930600 Nut Centerlock 3/8-16 lanc 21 134753 Stiffener Bracket 119 19121414 Washer 3/8 x 7/8 x 14 Ga. 2 | | | | | | |
| 4 165460 Bracket Asm Deck 42" Sway Bar 67 106932X Knob 6 130832 Arm, Suspension, Rear 90 17060612 Screw 3/8-16 x 3/4 8 850857 Bolt 3/8-24 x 25 Grade 8 patched 91 175746 Bracket Asm Noseroller Lh 9 10030600 Washer, Lock 93 19171416 Washer 17/32 x 7/8 x 16 Ga. 11 13498 Blade 94 132264 Roller Nose 38-50" 13 137645 Shaft Assembly, Mandrel, Vented 111 1729293 Bracket Asm. Noseroller Rh 14 128774 Housing, Mandrel, Vented 113 17060508 Screw 5/16-18 x 1/2 16 174493 Stripper, Mower Deck 114 73510500 Nut Keps 5/16-18 x 1/2 16 174493 Stripper, Mower Deck 116 4398H Bolt Shid 21 73680500 Nut 118 73930600 Nut Centeriock 3/8-16 unc 21 131267 Bracket, Deflector Mower 42" 122 13930600 Nut Centeriock 3/8-16 unc 21 131267 Bracket, Deflector Mower 42" 124 165890 <td>2</td> <td></td> <td></td> <td></td> <td></td> <td></td> | 2 | | | | | |
| 5 4939M Retainer Spring 68 144959 V-Belt, 42" Mower 6 130832 Arm, Suspension, Rear 90 17060612 Screw 3/8-16 x 3/4 9 10030600 Washer, Lock 91 175746 Bracket Asm Noseroller Lh 9 10030600 Washer, Lock 93 19171416 Washer 17/32 x 7/8 x 16 Ga. 11 138498 Blade 95 175747 Bracket Asm Noseroller Rh 13 137645 Shaft Assembly, Mandrel, Vented 111 179292 Bracket Gauge Wheel Rh 15 110485X Bearing, Ball, Mandrel 113 17060508 Screw 5/16-18 x 1/2 16 174493 Stripper, Mower Deck 114 7310500 Nut Keps 5/16-18 x 1/2 17 165746 Wheel Gauge Bik 116 4989H Bolt Carr 5/16-18 x 1/2 10 14227 Baffle, Vortex 117 165746 Wheel Gauge Bik 21 14753 Stilfener Bracket 118 7390600 Nut Centerlock 3/8-16 unc 21 14753 Stilfener Bracket 118 178747 Bolt Carr 5/16-18 x 1/2 | | | | | | |
| 6 130832 Arm, Suspension, Rear 90 17060612 Screw 3/8-16 x 3/4 8 850857 Bolt 3/8-24 x 25 Grade 8 patched 91 175746 Bracket Asm Noseroller Lh 9 10030600 Washer, Lock 93 19171416 Washer 17/32 x 7/8 x 16 Ga. 10 140296 Washer, Hardened 94 132264 Roller Noseroller Lh 13 137645 Shaft Assembly, Mandrel, Vented 111 1772923 Bracket Gauge Wheel Lh 14 128774 Housing, Mandrel, Vented 112 179293 Bracket Gauge Wheel Rh 15 110485X Bearing, Ball, Mandrel 113 17060508 Screw 5/16-18 x 1/2 16 174493 Stripper, Mower Deck 114 73510500 Nut Keps 5/16-18 x 5/8 19 132827 Bolt, Carriage 5/16-18 x 5/8 115 72110505 Bolt Carr 5/16-18 x 5/8 21 73680500 Nut Tasket, Deflector Mower 42" 142 165746 Wheel Gauge Bik 21 131267 Bracket, Deflector Mower 42" 142 | | | | | | |
| 8 850857 Bolt 3/8-24 x 25 Grade 8 patched 91 175746 Bracket Asm Noseroller Lh 10 140296 Washer, Lock 93 19171416 Washer 1/32 x 7/8 x 16 Ga. 11 138498 Blade 95 175747 Bracket Asm. Noseroller Lh 13 137645 Shaft Assembly, Mandrel, Vented 111 179292 Bracket Asm. Noseroller Lh 14 128774 Housing, Mandrel, Vented 112 177292 Bracket Gauge Wheel Rh 15 110485X Bearing, Ball, Mandrel 113 17760508 Screw 5/16-18 k 1/2 16 174493 Stripper, Mower Deck 114 73510500 Nut Keps 5/16-18 k 1/2 17 Baffle, Vortex 116 116 4898H Bolt Shid 20 159770 Baffle, Vortex 118 73930600 Nut Centerlock 3/8-16unc 21 134753 Stiffener Bracket 119 19121414 Washer 3/8 x 7/8 x 14 Ga. 23 131267 Bracket Asm Iole 42" Cutch Cable 142 165888 Pulley Id | 6 | | | | | |
| 9 10030600 Washer, Lock 93 19171416 Washer 17/32 x 7/8 x 16 Ga. 10 140296 Washer, Hardened 94 132264 RollerNose 38-50" 11 138498 Blade 95 175747 Bracket Asm. Noseroller Rh 13 137645 Shaft Assembly, Mandrel, Vented 111 177229 Bracket Gauge Wheel Lh 14 12877 Housing, Mandrel, Vented 112 177293 Bracket Gauge Wheel Rh 15 110485X Bearing, Ball, Mandrel 112 17708058 Sorew 5/16-18 x 1/2 16 174493 Stripper, Mower Deck 114 73510500 Nut Keps 5/16-18 x 1/2 16 132827 Bolt, Carriage 5/16-18 x 5/8 115 72110505 Bolt Shid 21 132800 Nut Franket 119 19121414 Washer 3/8 x 7/8 x 14 Ga. 23 131267 Bracket, Deflector Mower 42" 142 165390 Arm Spring Bracke Mower 24 105304X Cap, Sleeve 80 x 112 Blk Mower 143 157109 Bracket Arm | 8 | | | | | |
| 11 138498 Blade 95 175747 Bracket Asm. Noseroller Rh 13 137645 Shaft Assembly, Mandrel, Vented 111 179292 Bracket Gauge Wheel Rh 14 128774 Housing, Mandrel, Vented 112 1779293 Bracket Gauge Wheel Rh 15 110485X Bearing, Ball, Mandrel 113 17060508 Screw 5/16-18 unc 16 174493 Stripper, Mower Deck 114 173510500 Nut Keps 5/16-18 unc 18 72140505 Bolt, Carriage 5/16-18 x 5/8 115 72110505 Bolt Carr 5/16-18 x 5/8 19 122827 Bolt, Shudder 116 48984H Bolt Shid 21 73680500 Nut 118 73930600 Nut Centerlock 3/8-16unc 23 131267 Bracket, Deflector Mower 42" 142 165890 Arm Spring Brake Mower 24 105304X Cap, Sleeve 80 x 112 Blk Mower 143 157109 Bracket Arm Idler 42" 25 13713X Spring, Torison, Deflector 42' Blk 146 17977 Bolt Carriage Idler 26 110452X Nut, Push Phos & Oil 145 | 9 | 10030600 | | | 19171416 | Washer 17/32 x 7/8 x 16 Ga. |
| 13 137645 Shaft Assembly, Mandrel, Vented 111 179292 Bracket Gauge Wheel Lh 14 128774 Housing, Mandrel, Vented 112 179293 Bracket Gauge Wheel Rh 15 110485X Bearing, Ball, Mandrel 113 17060508 Screw 5/16-18 xt 16 174493 Stripper, Mower Deck 114 73510500 Nut Keps 5/16-18 uc 18 72140505 Bolt, Carriage 5/16-18 x 5/8 115 72110505 Bolt Carr 5/16-18 x 5/8 19 132827 Bolt, Shoulder 116 4398H Bolt Shuld 20 159770 Baffie, Vortex 117 165746 Wheel Gauge Blk 21 134753 Stiffener Bracket 119 19121414 Washer 3/8 x 7/8 x 14 Ga. 23 131267 Bracket, Deflector Mower 42" 142 165880 Arm Spring Brake Mower 24 105304X Cap, Sleeve 80 x 112 Blk Mower 143 157109 Bracket Arm Idler 42" 25 123713X Spring, Torsion, Deflector 2 52 144 158634 Keeper Belt 42" Clutch Cable 26 110452X Nut, Push Phos & Oil | | | | | | |
| 14 128774 Housing, Mandrel, Vented 112 172833 Bracket Gauğe Wheel Rh 15 110485X Bearing, Ball, Mandrel 113 17060508 Screw 5/16-18 x 1/2 16 174493 Stripper, Mower Deck 114 73510500 Nut Keps 5/16-18 x 5/8 19 132827 Bolt, Carriage 5/16-18 x 5/8 115 72110505 Bolt Carr 5/16-18 x 5/8 19 132827 Bolt, Shoulder 116 4898H Bolt Shid 21 134753 Stiffener Bracket 119 19121414 Washer 3/8 x 7/8 x 14 Ga. 23 131267 Bracket Acap, Sleeve 80 x 112 Blk Mower 143 157109 Bracket Arm Idler 42" 24 105304X Cap, Sleeve 80 x 112 Blk Mower 143 157109 Bracket Arm Idler 42" 25 123713X Spring, Torsion, Deflector 252 144 158634 Keeper Belt 42" Clutch Cable 26 10452X Nut, Push Phos & Oll 144 165888 Pulley Idler Flat 27 130968X428 Shield, Deflector 42" Blk 146 171977 Bolt Carriage Idler 28 19111016 Washer 13/32 | | | | | | |
| 15 110485X Bearing, Ball, Mandrel 113 17060508 Screw 5/16-18 x 1/2 16 174493 Stripper, Mower Deck 114 73310500 Nut Keps 5/16-18 unc 18 72140505 Bolt, Carri 5/16-18 unc 114 73310500 Nut Keps 5/16-18 unc 19 132827 Bolt, Shoulder 116 4898H Bolt Shld 20 159770 Baffle, Vortex 117 165746 Wheel Gauge Blk 21 134753 Stiffener Bracket 119 19121414 Washer 3/8 x 7/8 x 14 Ga. 23 131267 Bracket, Deflector Mower 42" 142 165890 Arm Spring Brake Mower 24 10304X Cap, Sleeve 80 x 112 Blk Mower 143 157109 Bracket Arm Idler 42" 25 123713X Spring, Torsion, Deflector 252 144 158634 Keeper Belt 42" Clutch Cable 26 110452X Nut, Push Phos & Oil 145 165888 Pulley Idler Flat 27 130968X428 Shied, Deflector 42" Blk 146 171977 Bott Carriage Idler 28 19111016 Washer, Spacer Mower Vented 150 </td <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> | | | | | | |
| 16 174493 Stripper, Mower Deck 114 73510500 Nut Keps 5/16-18 unc 18 72140505 Boit, Carriage 5/16-18 x 5/8 115 72110505 Boit Carr 5/16-18 x 5/8 19 132827 Boit, Shudider 116 4898H Boit Shid 20 159770 Baffle, Vortex 117 165746 Wheel Gauge Blk 21 73680500 Nut 118 73930600 Nut Centerlock 3/8-16unc 23 131267 Bracket, Deflector Mower 42" 142 165890 Arm Spring Brake Mower 24 105304X Cap, Sleeve 80 x 112 Blk Mower 143 157109 Bracket Arm Idler 42" 25 123713X Spring, Torsion, Deflector 252 144 158634 Keeper Belt 42" Clutch Cable 26 110452X Nut, Push Phos & Oil 145 165888 Pulley Idler Flat 27 130968X428 Shield, Deflector 42" Blk 146 171977 Boit Carriage Idler 28 19111016 Washer, Spacer Mower Vented 150 19091216 Washer Flat 3/8" Type B 30 157722 Screw Thdrol Washer Head 149 | | | | | | |
| 18 72140505 Boit, Carriage 5/16-18 x 5/8 115 72110505 Bolt Carr 5/16-18 x 5/8 19 132827 Boit, Shoulder 116 4898H Bolt Shid 20 159770 Baffle, Vortex 117 165746 Wheel Gauge Blk 21 73680500 Nut 118 73930600 Nut Centerlock 3/8-16unc 22 134753 Stiffener Bracket 119 19121414 Washer 3/8 x 7/8 x 14 Ga. 23 131267 Bracket, Deflector Mower 42" 143 157109 Bracket Arm Idler 42" 24 105304X Cap, Sleeve 80 x 112 Blk Mower 143 157109 Bracket Arm Idler 42" 25 123713X Spring, Torsion, Deflector 252 144 158634 Keeper Belt 42" Clutch Cable 26 110452X Nut, Push Phos & Oil 145 165888 Pulley Idler Flat 27 130968X428 Shield, Deflector 42" Blk 146 171977 Bolt Carriage Idler 28 19111016 Washer 11/32 x 5/8 x 16 Gauge 147 131335 Spring Return Idler 30 157722 Screw Thdrol Washer Head 159< | | | Stripper Mower Deck | | | |
| 19 132827 Bolt, Shoulder 116 4898H Bolt Shid 20 159770 Baffle, Vortex 117 165746 Wheel Gauge Blk 21 73680500 Nut 118 73930600 Nut Centerlock 3/8 × 14 Ga. 22 134753 Stiffener Bracket 119 19121414 Washer 3/8 × 7/8 × 14 Ga. 23 131267 Bracket, Deflector Mower 42" 142 165890 Arm Spring Brake Mower 24 105304X Cap, Sleeve 80 × 112 Blk Mower 143 157109 Bracket Arm Idler 42" 25 123713X Spring, Torsion, Deflector 2.52 144 156884 Keeper Belt 42" Clutch Cable 26 110452X Nut, Push Phos & Oil 145 165888 Pulley Idler Flat 27 130968X428 Shied, Deflector 42" Blk 146 171977 Bolt Carriage Idler 28 19111016 Washer 11/32 x 5/8 x 16 Gauge 147 131335 Spring Return Idler 29 131491 Rod, Hinge 42" 675 W/G 148 169022 Spring Return Idler 30 157722 Screw Thdrol Washer Head 150 < | | | | | | |
| 20 159770 Baffle, Vortex 117 165746 Wheel Gauge Blk 21 73680500 Nut 118 73930600 Nut Centerlock 3/8-16unc 22 134753 Stiffener Bracket 119 19121414 Washer 3/8 x 7/8 x 14 Ga. 23 131267 Bracket, Deflector Mower 42" 142 165890 Arm Spring Brake Mower 24 105304X Cap, Sleeve 80 x 112 Blk Mower 143 157109 Bracket Arm Idler 42" 25 123713X Spring, Torsion, Deflector 2 52 144 158634 Keeper Belt 42" Clutch Cable 26 110452X Nut, Push Phos & Oil 145 165888 Pulley Idler Flat 27 130968X428 Shield, Deflector 42" Blk 146 17197 Bolt Carriage Idler 28 1311016 Washer 1/32 x 5/8 x 16 Gauge 147 131335 Spring Extension 29 131491 Rod, Hinge 42" 675 W/G 148 169022 Spring Return Idler 30 157722 Screw Thdrol Washer Head 149 165898 Retainer Spring | | | | | | |
| 21 73680500 Nut 118 73930600 Nut Centerlock 3/8-16 unc 22 134753 Stiffener Bracket 119 19121414 Washer 3/8 x 7/8 x 14 Ga. 23 131267 Bracket, Deflector Mower 42" 142 165890 Arm Spring Bracket Mower 24 105304X Cap, Sleeve 80 x 112 Blk Mower 143 157109 Bracket Arm Idler 42" 25 123713X Spring, Torsion, Deflector 252 144 158634 Keeper Belt 42" Clutch Cable 26 110452X Nut, Push Phos & Oil 145 165888 Pulley Idler Flat 27 130968X428 Shield, Deflector 42" Blk 146 171977 Bolt Carriage Idler 28 19111016 Washer 11/32 x 5/8 x 16 Gauge 147 131335 Spring Return Idler 30 157722 Screw Thdrol Washer Head 149 165898 Retainer Spring Yellow 31 129963 Washer, Spacer Mower Vented 150 19091216 Washer 9/32 x 3/4 x 16 Ga. 32 15355 Pulley, Mandrel 151 169670 Bracket Clutch Cable 33 178342 Nut, Toplock< | 20 | 159770 | | 117 | 165746 | Wheel Gauge Blk |
| 23 131267 Bracket, Deflector Mower 42" 142 165890 Arm Spring Brake Mower 24 105304X Cap, Sleeve 80 x 112 Blk Mower 143 157109 Bracket Arm Idler 42" 25 123713X Spring, Torsion, Deflector 2 52 144 158634 Keeper Belt 42" Clutch Cable 26 110452X Nut, Push Phos & Oil 145 165888 Pulley Idler Flat 27 130968X428 Shield, Deflector 42" Blk 146 171977 Bolt Carriage Idler 28 19111016 Washer 11/32 x 5/8 x 16 Gauge 147 131335 Spring Return Idler 29 131491 Rod, Hinge 42" 6 75 W/G 148 169022 Spring Return Idler 30 157722 Screw Thdrol Washer Head 149 165898 Retainer Spring Yellow 31 129963 Washer, Spacer Mower Vented 150 19091216 Washer 9/32 x 3/4 x 16 Ga. 33 178342 Nut, Toplock 152 169676 Clutch Cable 42" 34 72110614 Bolt 153 169671 Spring Retention LVR CLTCH CAB 40 73680600 Nut < | 21 | 73680500 | | | | Nut Centerlock 3/8-16unc |
| 24 105304X Cap, Sleeve 80 x 112 Blk Mower 143 157109 Bracket Arm Idler 42" 25 123713X Spring, Torsion, Deflector 2 52 144 158634 Keeper Belt 42" Clutch Cable 26 110452X Nut, Push Phos & Oil 145 165888 Pulley Idler Flat 27 130968X428 Shield, Deflector 42" Blk 146 171977 Bolt Carriage Idler 28 19111016 Washer 11/32 x 5/8 x 16 Gauge 147 131335 Spring Extension 29 131491 Rod, Hinge 42" 6 75 W/G 148 169022 Spring Return Idler 30 157722 Screw Thdrol Washer Head 149 158898 Retainer Spring Yellow 31 129963 Washer, Spacer Mower Vented 150 19091216 Washer 9/32 x 3/4 x 16 Ga. 32 153535 Pulley, Mandrel 151 169676 Clutch Cable 33 178342 Nut, Toplock 152 169676 Spring Retainer 37 19131316 Washer 13/32 x 13/16 x 16 Gauge 155 169671 Spring Retainer 37 19131316 Washer 13/32 x 13/16 x 16 Gauge | | | | | | |
| 25 123713X Spring, Torsion, Deflector 2 52 144 158634 Keeper Belt 42" Clutch Cable 26 110452X Nut, Push Phos & Oil 145 165888 Pulley Idler Flat 27 130968X428 Shield, Deflector 42" Blk 146 171977 Bolt Carriage Idler 28 19111016 Washer 11/32 x 5/8 x 16 Gauge 147 131335 Spring Extension 29 131491 Rod, Hinge 42" 6 75 W/G 148 169022 Spring Return Idler 30 157722 Screw Thdrol Washer Head 149 165898 Retainer Spring Yellow 31 129963 Washer, Spacer Mower Vented 150 19091216 Washer 9/32 x 3/4 x 16 Ga. 32 15355 Pulley, Mandrel 151 169670 Bracket Clutch Cable 33 178342 Nut, Toplock 152 169676 Clutch Cable 42" 34 72110614 Bolt 153 169671 Spring Retainer 37 19131316 Washer 13/32 x 13/16 x 16 Gauge 155 169671 Spring Retainer 37 1913136 Guard, Mandrel, LH 157 16 | | | | | | Arm Spring Brake Mower |
| 26 110452X Nut, Push Phos & Oil 145 165888 Pulley Idler Flat 27 130968X428 Shield, Deflector 42" Blk 146 171977 Bolt Carriage Idler 28 19111016 Washer 11/32 x 5/8 x 16 Gauge 147 131335 Spring Extension 29 131491 Rod, Hinge 42" 6 75 W/G 148 169022 Spring Return Idler 30 157722 Screw Thdrol Washer Head 149 165888 Retainer Spring Yellow 31 129963 Washer, Spacer Mower Vented 150 19091216 Washer 9/32 x 3/4 x 16 Ga. 32 153535 Pulley, Mandrel 151 169670 Bracket Clutch Cable 33 178342 Nut, Toplock 152 169676 Clutch Cable 42" 34 72110614 Bolt 154 169675 Spring Retainer 37 19131316 Washer 13/32 x 13/16 x 16 Gauge 155 169671 Spring Retention LVR CLTCH CAB 40 73680600 Nut 156 169672 Spacer Clutch Cable 3/8" 44 140088 Guard, Mandrel, LH 157 169669 | | | | | | |
| 27 130968X428 Shield, Deflector 42" Blk 146 171977 Bolt Čarriage Idler 28 19111016 Washer 11/32 x 5/8 x 16 Gauge 147 131335 Spring Extension 29 131491 Rod, Hinge 42" 6 75 W/G 148 169022 Spring Return Idler 30 157722 Screw Thdrol Washer Head 149 165898 Retainer Spring Yellow 31 129963 Washer, Spacer Mower Vented 150 19091216 Washer 9/32 x 3/4 x 16 Ga. 32 153535 Pulley, Mandrel 151 169670 Bracket Clutch Cable 33 178342 Nut, Toplock 152 169676 Clutch Cable 42" 34 72110614 Bolt 153 169674 Washer Flat 3/8" Type B 36 131494 Pulley, Idler, Flat 154 169675 Spring Retention LVR CLTCH CAB 40 73680600 Nut 156 169671 Spring Retention LVR CLTCH CAB 44 140088 Guard, Mandrel, LH 157 169669 Rod Clutch Cable 3/8" 45 4497H Retainer 158 17720410 Scre | | | Nut Push Phos & Oil | | | |
| 28 19111016 Washer 11/32 x 5/8 x 16 Gauge 147 131335 Spring Extension 29 131491 Rod, Hinge 42" 6 75 W/G 148 169022 Spring Return Idler 30 157722 Screw Thdrol Washer Head 149 165898 Retainer Spring Yellow 31 129963 Washer, Spacer Mower Vented 150 19091216 Washer 9/32 x 3/4 x 16 Ga. 32 153535 Pulley, Mandrel 151 169670 Bracket Clutch Cable 42" 34 72110614 Bolt 152 169674 Washer Flat 3/8" Type B 36 131494 Pulley, Idler, Flat 154 169675 Spring Retainer 37 19131316 Washer 13/32 x 13/16 x 16 Gauge 155 169671 Spring Retention LVR CLTCH CAB 40 73680600 Nut 158 17720410 Screw Hex Thd Cut 1/4-20 x 5/8 44 140088 Guard, Mandrel, LH 158 159 72140614 Bolt Rdhd Sqn 3/8-16 UNC x 1-3/4 45 133944 Washer, Hardened 130794 Mandrel Assembly (Includes Key Numbers 8-10, 13-15, 31 and 33) 50 13134 | | | | | | |
| 29 131491 Rod, Hinge 42" 6 75 W/G 148 169022 Spring Return Idler 30 157722 Screw Thdrol Washer Head 149 165898 Retainer Spring Yellow 31 129963 Washer, Spacer Mower Vented 150 19091216 Washer 9/32 x 3/4 x 16 Ga. 32 153535 Pulley, Mandrel 151 169670 Bracket Clutch Cable 33 178342 Nut, Toplock 152 169676 Clutch Cable 42" 34 72110614 Bolt 153 169674 Washer Flat 3/8" Type B 36 131494 Pulley, Idler, Flat 154 169675 Spring Retainer 37 19131316 Washer 13/32 x 13/16 x 16 Gauge 155 169671 Spring Retainer 40 73680600 Nut 156 169672 Spacer Clutch Cable 44 140088 Guard, Mandrel, LH 157 169669 Rod Clutch Cable 3/8" 45 4497H Retainer 158 17720410 Screw Hex Thd Cut 1/4-20 x 5/8 46 137729 Screw, Thdrol 1/4-20 x 5/8 T 159 72140614 Bolt Rdhd Sqn 3/8 | | | | | | |
| 31 129963 Washer, Spacer Mower Vented 150 19091216 Washer 9/32 x 3/4 x 16 Ga. 32 153535 Pulley, Mandrel 151 169670 Bracket Clutch Cable 33 178342 Nut, Toplock 152 169676 Clutch Cable 42" 34 72110614 Bolt 153 169674 Washer Flat 3/8" Type B 36 131494 Pulley, Idler, Flat 154 169675 Spring Retainer 37 19131316 Washer 13/32 x 13/16 x 16 Gauge 155 169671 Spring Retention LVR CLTCH CAB 40 73680600 Nut 156 169672 Spacer Clutch Cable 3/8" 44 140088 Guard, Mandrel, LH 157 169669 Rod Clutch Cable 3/8" 45 4497H Retainer 158 17720410 Screw Hex Thd Cut 1/4-20 x 5/8 46 137729 Screw, Thdrol 1/4-20 x 5/8 T 159 72140614 Bolt Rdhd Sqn 3/8-16 UNC x 1-3/4 48 133944 Washer, Hardened 130794 Mandrel Assembly (Includes Key Numbers 8-10,13-15,31 and 33) 50 131340 Bolt, Shoulder #10-24 Grade 5 | | | Rod, Hinge 42" 6 75 W/G | | | Spring Return Idler |
| 32 153535 Pulley, Mandrel 151 169670 Bracket Clutch Cable 33 178342 Nut, Toplock 152 169676 Clutch Cable 42" 34 72110614 Bolt 153 169674 Washer Flat 3/8" Type B 36 131494 Pulley, Idler, Flat 154 169675 Spring Retainer 37 19131316 Washer 13/32 x 13/16 x 16 Gauge 155 169671 Spring Retention LVR CLTCH CAB 40 73680600 Nut 156 169672 Spacer Clutch Cable 3/8" 44 140088 Guard, Mandrel, LH 157 169669 Rod Clutch Cable 3/8" 45 4497H Retainer 158 17720410 Screw Hex Thd Cut 1/4-20 x 5/8 46 137729 Screw, Thdrol 1/4-20 x 5/8 T 159 72140614 Bolt Rdhd Sqn 3/8-16 UNC x 1-3/4 48 133944 Washer, Hardened 130794 Mandrel Assembly (Includes Key 49 174284 Roller Assembly, Cam Follower 130794 Mandrel Assembly (Includes Key 51 69180 Locknut 171491 | | | | | | Retainer Spring Yellow |
| 33 178342 Nut, Ťoplock 152 169676 Clutch Cable 42" 34 72110614 Bolt 153 169674 Washer Flat 3/8" Type B 36 131494 Pulley, Idler, Flat 154 169675 Spring Retainer 37 19131316 Washer 13/32 x 13/16 x 16 Gauge 155 169671 Spring Retention LVR CLTCH CAB 40 73680600 Nut 156 169672 Spacer Clutch Cable 44 140088 Guard, Mandrel, LH 157 169669 Rod Clutch Cable 3/8" 45 4497H Retainer 158 17720410 Screw Hex Thd Cut 1/4-20 x 5/8 46 137729 Screw, Thdrol 1/4-20 x 5/8 T 159 72140614 Bolt Rdhd Sqn 3/8-16 UNC x 1-3/4 48 133944 Washer, Hardened 130794 Mandrel Assembly (Includes Key 49 174284 Roller Assembly, Cam Follower 171491 Replacement Mower, Complete 51 69180 Locknut 171491 Replacement Mower, Complete 52 139888 Bolt, Shoulder 5/16-18 UNC 11 component | | | | | | |
| 34 72110614 Bolt 153 169674 Washer Flat 3/8" Type B 36 131494 Pulley, Idler, Flat 154 169675 Spring Retainer 37 19131316 Washer 13/32 x 13/16 x 16 Gauge 155 169671 Spring Retention LVR CLTCH CAB 40 73680600 Nut 156 169672 Spacer Clutch Cable 44 140088 Guard, Mandrel, LH 157 169669 Rod Clutch Cable 3/8" 45 4497H Retainer 158 17720410 Screw Hex Thd Cut 1/4-20 x 5/8 46 137729 Screw, Thdrol 1/4-20 x 5/8 T 159 72140614 Bolt Rdhd Sqn 3/8-16 UNC x 1-3/4 48 133944 Washer, Hardened 130794 Mandrel Assembly (Includes Key 49 174284 Roller Assembly, Cam Follower 171491 Replacement Mower, Complete 51 69180 Locknut 171491 Replacement Mower, Complete 52 139888 Bolt, Shoulder 5/16-18 UNC 171491 Replacement dimensions given in U.S. inches 53 131845 Arm Assembly, Pad, Brake | | | | | | |
| 36 131494 Pulley, Idler, Flat 154 169675 Spring Retainer 37 19131316 Washer 13/32 x 13/16 x 16 Gauge 155 169671 Spring Retention LVR CLTCH CAB 40 73680600 Nut 156 169672 Spacer Clutch Cable 44 140088 Guard, Mandrel, LH 158 17720410 Screw Hex Thd Cut 1/4-20 x 5/8 45 4497H Retainer 158 17720410 Screw Hex Thd Cut 1/4-20 x 5/8 46 137729 Screw, Thdrol 1/4-20 x 5/8 T 159 72140614 Bolt Rdhd Sqn 3/8-16 UNC x 1-3/4 48 133944 Washer, Hardened 130794 Mandrel Assembly (Includes Key 49 174284 Roller Assembly, Cam Follower 171491 Replacement Mower, Complete 51 69180 Locknut 171491 Replacement Mower, Complete 52 139888 Bolt, Shoulder 5/16-18 UNC 171491 Replacement dimensions given in U.S. inches 53 131845 Arm Assembly, Pad, Brake 1 ingeb 25 4 mm 1 ingeb 25 4 mm | | | | | | |
| 37 19131316 Washer 13/32 x 13/16 x 16 Gauge 155 169671 Spring Retention LVR CLTCH CAB 40 73680600 Nut 156 169672 Spacer Clutch Cable 44 140088 Guard, Mandrel, LH 157 169669 Rod Clutch Cable 3/8" 45 4497H Retainer 158 17720410 Screw Hex Thd Cut 1/4-20 x 5/8 46 137729 Screw, Thdrol 1/4-20 x 5/8 T 159 72140614 Bolt Rdhd Sqn 3/8-16 UNC x 1-3/4 48 133944 Washer, Hardened 130794 Mandrel Assembly (Includes Key 49 174284 Roller Assembly, Cam Follower 171491 Replacement Mower, Complete 50 131340 Bolt, Shoulder 5/16-18 UNC 171491 Replacement Mower, Complete 51 69180 Locknut 1313845 Arm Assembly, Pad, Brake NOTE: All component dimensions given in U.S. inches | | | | | | Spring Retainer |
| 40 73680600 Nut 156 169672 Spacer Clutch Cable 44 140088 Guard, Mandrel, LH 157 169669 Rod Clutch Cable 3/8" 45 4497H Retainer 158 17720410 Screw Hex Thd Cut 1/4-20 x 5/8 46 137729 Screw, Thdrol 1/4-20 x 5/8 T 159 72140614 Bolt Rdhd Sqn 3/8-16 UNC x 1-3/4 48 133944 Washer, Hardened 130794 Mandrel Assembly (Includes Key 49 174284 Roller Assembly, Cam Follower 130794 Mandrel Assembly (Includes Key 50 131340 Bolt, Shoulder #10-24 Grade 5 171491 Replacement Mower, Complete 51 69180 Locknut 130794 NOTE: All component dimensions given in U.S. inches 53 131845 Arm Assembly, Pad, Brake NOTE: All component dimensions given in U.S. inches | | | | | | |
| 44 140088 Guard, Mandrel, LH 157 169669 Rod Clutch Cable 3/8" 45 4497H Retainer 158 17720410 Screw Hex Thd Cut 1/4-20 x 5/8 46 137729 Screw, Thdrol 1/4-20 x 5/8 T 159 72140614 Bolt Rdhd Sqn 3/8-16 UNC x 1-3/4 48 133944 Washer, Hardened 130794 Mandrel Assembly (Includes Key 49 174284 Roller Assembly, Cam Follower 130794 Mandrel Assembly (Includes Key 50 131340 Bolt, Shoulder #10-24 Grade 5 171491 Replacement Mower, Complete 51 69180 Locknut 130888 Bolt, Shoulder 5/16-18 UNC 53 131845 Arm Assembly, Pad, Brake NOTE: All component dimensions given in U.S. inches | | | | | | |
| 46 137729 Screw, Thdrol 1/4-20 x 5/8 T 159 72140614 Bolt Rdhd Sqn 3/8-16 UNC x 1-3/4 48 133944 Washer, Hardened 130794 Mandrel Assembly (Includes Key Numbers 8-10,13-15, 31 and 33) 49 174284 Roller Assembly, Cam Follower 130794 Mandrel Assembly (Includes Key Numbers 8-10,13-15, 31 and 33) 50 131340 Bolt, Shoulder #10-24 Grade 5 171491 Replacement Mower, Complete 51 69180 Locknut 139888 Bolt, Shoulder 5/16-18 UNC 52 139888 Bolt, Shoulder 5/16-18 UNC NOTE: All component dimensions given in U.S. inches 53 131845 Arm Assembly, Pad, Brake NOTE: All component dimensions given in U.S. inches | | 140088 | Guard, Mandrel, LH | | 169669 | |
| 48133944Washer, Hardened130794Mandrel Assembly (Includes Key Numbers 8-10,13-15, 31 and 33)49174284Roller Assembly, Cam Follower130794Mandrel Assembly (Includes Key Numbers 8-10,13-15, 31 and 33)50131340Bolt, Shoulder #10-24 Grade 5171491Replacement Mower, Complete5169180Locknut52139888Bolt, Shoulder 5/16-18 UNC171491Replacement dimensions given in U.S. inches53131845Arm Assembly, Pad, BrakeNOTE: All component dimensions given in U.S. inches | | | | | | |
| 49174284Roller Assembly, Cam FollowerNumbers 8-10,13-15, 31 and 33)50131340Bolt, Shoulder #10-24 Grade 5171491Replacement Mower, Complete5169180Locknut171491Replacement Mower, Complete52139888Bolt, Shoulder 5/16-18 UNC171491Replacement dimensions given in U.S. inches53131845Arm Assembly, Pad, BrakeNOTE: All component dimensions given in U.S. inches | | | | | | |
| 50131340Bolt, Shoulder #10-24 Grade 5171491Replacement Mower, Complete5169180Locknut52139888Bolt, Shoulder 5/16-18 UNC53131845Arm Assembly, Pad, Brake | | | | | 130794 | |
| 5169180Locknut52139888Bolt, Shoulder 5/16-18 UNC53131845Arm Assembly, Pad, Brake111111 | | | Roller Assembly, Cam Follower Bolt Shouldor #10-24 Grado 5 | | 171/01 | |
| 52139888Bolt, Shoulder 5/16-18 UNC53131845Arm Assembly, Pad, BrakeNOTE: All component dimensions given in U.S. inches | | | | | 1/1431 | riepiacementiviower, complete |
| 53 131845 Arm Assembly, Pad, Brake NOTE: All component dimensions given in U.S. inches | | | | | | |
| | | | | NOT | | |
| | | 133943 | | | 1 inch = 25 | 5.4 MM |

LIMITED WARRANTY

The Manufacturer warrants to the original consumer purchaser that this product as manufactured is free from defects in materials and workmanship. For a period of two (2) years from date of purchase by the original consumer purchaser, we will repair or replace, at our option, without charge for parts or labor incurred in replacing parts, any part which we find to be defective due to materials or workmanship. This Warranty is subject to the following limitations and exclusions.

- 1. This warranty does not apply to the engine, other than EHP manufactured transaxle/transmission components, battery (except as noted below) or components parts thereof. Please refer to the applicable manufacturer's warranty on these items.
- Transportation charges for the movement of any power equipment unit or attachment are the responsibility of the purchaser. Transportation charges for any parts submitted for replacement under this warranty must be paid by the purchaser unless such return is requested by Electrolux Home Products.
- 3. Battery Warranty: On products equipped with a Battery, we will replace, without charge to you, any battery which we find to be defective in manufacture, during the first ninety (90) days of ownership. After ninety (90) days, we will exchange the Battery, charging you 1/12 of the price of a new Battery for each full month from the date of the original sale. Battery must be maintained in accordance with the instructions furnished.
- 4. The Warranty period for any products used for rental or commercial purposes is limited to 90 days from the date of original purchase.
- 5. This Warranty applies only to products which have been properly assembled, adjusted, operated, and maintained in accordance with the instructions furnished. This Warranty does not apply to any product which has been subjected to alteration, misuse, abuse, improper assembly or installation, delivery damage, or to normal wear of the product.
- 6. Exclusions: Excluded from this Warranty are belts, blades, blade adapters, normal wear, normal adjustments, standard hardware and normal maintenance.
- 7. In the event you have a claim under this Warranty, you must return the product to an authorized service dealer.

Should you have any unanswered questions concerning this Warranty, please contact:

| Electrolux Home Products | In Canada contact: |
|--|--|
| a division of WCI Outdoor Products, Inc. | Electrolux Home Products |
| Outdoor Products Customer Service Dept. | a division of WCI Outdoor Products, Inc. |
| 250 Bobby Jones Expressway | 7075 Ordan Drive |
| Augusta, GA 30909 USA | Mississauga, Ontario |
| | 15T 1K6 |

giving the model number, serial number and date of purchase of your product and the name and address of the authorized dealer from whom it was purchased.

THIS WARRANTY DOES NOT APPLY TO INCIDENTAL OR CONSEQUENTIAL DAMAGES AND ANY IMPLIED WARRAN-TIES ARE LIMITED TO THE SAME TIME PERIODS STATED HEREIN FOR OUR EXPRESSED WARRANTIES. Some areas do not allow the limitation of consequential damages or limitations of how long an implied Warranty may last, so the above limitations or exclusions may not apply to you. This Warranty gives you specific legal rights, and you may have other rights which vary from locale to locale.

This is a limited Warranty within the meaning of that term as defined in the Magnuson-Moss Act of 1975.

