



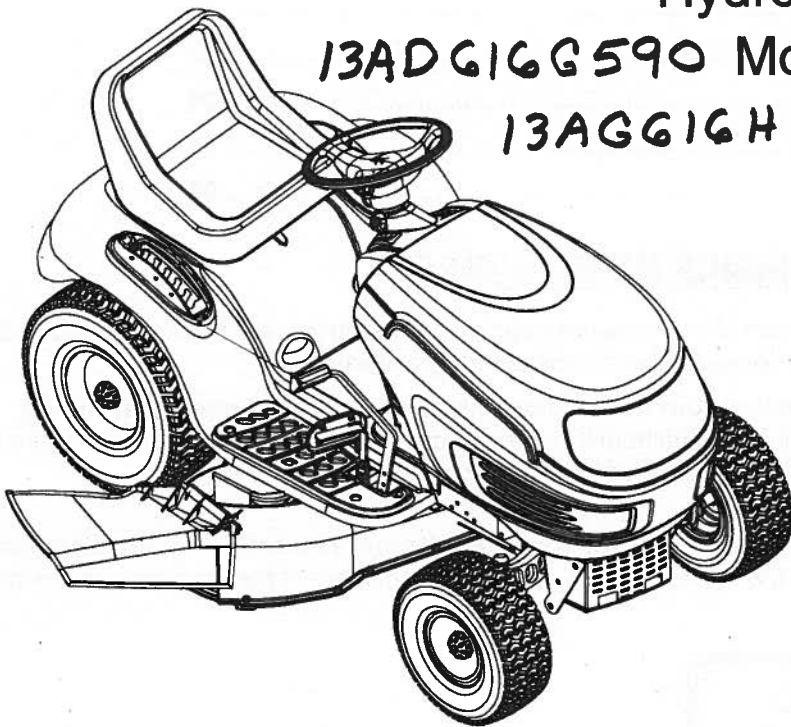
Operator's Manual

Hydrostatic Lawn Tractor

13ADG16G590 Models: L-170H

13AGG16H 590 L-190H

2002 YR.



**IMPORTANT: READ SAFETY
RULES AND INSTRUCTIONS
CAREFULLY**

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FINDING MODEL NUMBER

This Operator's Manual is an important part of your new lawn tractor. It will help you assemble, prepare and maintain the unit for best performance. Please read and understand what it says.



Before you start assembling your new equipment, please locate the model plate on the equipment and copy the information from it in the space provided below. The information on the model plate is very important if you need help from your *White Outdoor* dealer.

- You can locate the model number by looking beneath the seat. A sample model plate is explained below. For future reference, please copy the model number and the serial number of the equipment in the space below.

Model Number Numéro de modèle	Serial Number Numéro de série
XXXXXXXXXX	XXXXXXXXXX
WHITE OUTDOOR CANADA KITCHENER, ON N2G 4J1	

Copy the model number here: _____

Copy the serial number here: _____

CALLING CUSTOMER SUPPORT

If you are having difficulty assembling this product or if you have any question regarding the control operation or maintenance of this unit, please call your service dealer.



Before you call, make sure that you have your model and serial numbers ready. By having the model and serial numbers ready, you help the Customer Support Representative give you faster service. To find your unit's model and serial number, see , "FINDING YOUR MODEL".

SECTION 1: IMPORTANT SAFE OPERATION PRACTICES



WARNING: This symbol points out important safety instructions which, if not followed, could endanger the personal safety and/or property of yourself and others. Read and follow all instructions in this manual before attempting to operate this machine. Failure to comply with these instructions may result in personal injury. When you see this symbol—heed its warning.



DANGER: This machine was built to be operated according to the rules for safe operation in this manual. As with any type of power equipment, carelessness or error on the part of the operator can result in serious injury. This machine is capable of amputating hands and feet and throwing objects. Failure to observe the following safety instructions could result in serious injury or death.

GENERAL OPERATION

1. Read, understand, and follow all instructions on the machine and in the manual(s) before attempting to assemble and operate. Keep this manual in a safe place for future and regular reference and for ordering replacement parts.
2. Be familiar with all controls and their proper operation. Know how to stop the machine and disengage them quickly.
3. Never allow children under 14 years old to operate this machine. Children 14 years old and over should read and understand the operation instructions and safety rules in this manual and should be trained and supervised by a parent.
4. Never allow adults to operate this machine without proper instruction.
5. To help avoid blade contact or a thrown object injury, keep bystanders, helpers, children and pets at least 75 feet from the machine while it is in operation. Stop machine if anyone enters the area.
6. Thoroughly inspect the area where the equipment is to be used. Remove all stones, sticks, wire, bones, toys, and other foreign objects which could be picked up and thrown by the blade(s). Thrown objects can cause serious personal injury.
7. Plan your mowing pattern to avoid discharge of material toward roads, sidewalks, bystanders and the like. Also, avoid discharging material against a wall or obstruction which may cause discharged material to ricochet back toward the operator.
8. Always wear safety glasses or safety goggles during operation and while performing an adjustment or repair to protect your eyes. Thrown objects which ricochet can cause serious injury to the eyes.
9. Wear sturdy, rough-soled work shoes and close-fitting slacks and shirts. Loose fitting clothes and jewelry can be caught in movable parts. Never operate this machine in bare feet or sandals.
10. Be aware of the mower and attachment discharge direction and do not point it at anyone. Do not operate the mower without the discharge cover or entire grass catcher in its proper place.
11. Do not put hands or feet near rotating parts or under the cutting deck. Contact with the blade(s) can amputate hands and feet.
12. A missing or damaged discharge cover can cause blade contact or thrown object injuries.
13. Stop the blade(s) when crossing gravel drives, walks, or roads and while not cutting grass.
14. Watch for traffic when operating near or crossing roadways. This machine is not intended for use on any public roadway.
15. Do not operate the machine while under the influence of alcohol or drugs.
16. Mow only in daylight or good artificial light.
17. Never carry passengers.
18. Disengage blade(s) before shifting into reverse. Back up slowly. Always look down and behind before and while backing to avoid a back-over accident.
19. Slow down before turning. Operate the machine smoothly. Avoid erratic operation and excessive speed.
20. Disengage blade(s), set parking brake, stop engine and wait until the blade(s) come to a complete stop before removing grass catcher, emptying grass, unclogging chute, removing any grass or debris, or making any adjustments.
21. Never leave a running machine unattended. Always turn off blade(s), place transmission in neutral, set parking brake, stop engine and remove key before dismounting.
22. Use extra care when loading or unloading the machine into a trailer or truck. This unit should not be driven up or down ramp(s), because the unit could tip over, causing serious personal injury. The unit must be pushed manually on ramp(s) to load or unload properly.

23. Muffler and engine become hot and can cause a burn. Do not touch.
24. Check overhead clearances carefully before driving under low hanging tree branches, wires, door openings etc., where the operator may be struck or pulled from the unit, which could result in serious injury.
25. Disengage all attachment clutches, depress the brake pedal completely and shift into neutral before attempting to start engine.
26. Your machine is designed to cut normal residential grass of a height no more than 10". Do not attempt to mow through unusually tall, dry grass (e.g., pasture) or piles of dry leaves. Dry grass or leaves may contact the engine exhaust and/or build up on the mower deck presenting a potential fire hazard.
27. Use only accessories and attachments approved for this machine by the machine manufacturer. Read, understand and follow all instructions provided with the approved accessory or attachment.
28. 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.
29. If situations occur which are not covered in this manual, use care and good judgment. Contact your authorized dealer for assistance.

SLOPE OPERATION

Slopes are a major factor related to loss of control and tip-over 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.

For your safety, use the slope gauge included as part of this manual to measure slopes before operating this unit on a sloped or hilly area. If the slope is greater than 15 degrees as shown on the slope gauge, do not operate this unit on that area or serious injury could result.

DO:

1. Mow up and down slopes, not across. Exercise extreme caution when changing direction on slopes.
2. Watch for holes, ruts, bumps, rocks, or other hidden objects. Uneven terrain could overturn the machine. Tall grass can hide obstacles.
3. Use slow speed. Choose a low enough speed setting so that you will not have to stop or shift while on the slope. Tires may lose traction on slopes even though the brakes are functioning properly. Always keep machine in gear when going down slopes to take advantage of engine braking action.
4. Follow the manufacturer's recommendations for wheel weights or counterweights to improve stability.
5. Use extra care with grass catchers or other attachments. These can change the stability of the machine.
6. Keep all movement on the slopes slow and gradual. Do not make sudden changes in speed or direction. Rapid engagement or braking could cause the front of the machine to lift and rapidly flip over backward, which could cause serious injury.
7. Avoid starting or stopping on a slope. If tires lose traction, disengage the blade(s) and proceed slowly straight down the slope.

DO NOT:

1. Do not turn on slopes unless necessary; then, turn slowly and gradually downhill, if possible.
2. 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, ditch, or if an edge caves in.
3. Do not try to stabilize the machine by putting your foot on the ground.
4. Do not use a grass catcher on steep slopes.
5. Do not mow on wet grass. Reduced traction could cause sliding.
6. Do not shift to neutral and coast downhill. Over-speeding may cause the operator to lose control of the machine resulting in serious injury or death.
7. Do not tow heavy pull behind attachments (e.g. loaded dump cart, lawn roller, etc.) on slopes greater than 5 degrees. When going down hill, the extra weight tends to push the tractor and may cause you to lose control. (e.g. tractor may speed up, braking and steering ability are reduced, attachment may jack-knife and cause tractor to overturn).

CHILDREN

1. Tragic accidents can occur if the operator is not alert to the presence of children. Children are often attracted to the machine and the mowing activity. They do not understand the dangers. Never assume that children will remain where you last saw them.
 - a. Keep children out of the mowing area and in watchful care of a responsible adult other than the operator.
 - b. Be alert and turn machine off if a child enters the area.

- c. Before and while backing, look behind and down for small children.
 - d. Never carry children, even with the blade(s) shut off. They may fall off and be seriously injured or interfere with safe machine operation.
 - e. Use extreme care when approaching blind corners, doorways, shrubs, trees or other objects that may block your vision of a child who may run into the machine.
 - f. Disengage the cutting blade(s) before shifting in reverse. The "No-Cut-In Reverse" feature is a reminder not to cut in reverse and to help avoid back over accidents. Do not defeat it.
 - g. Keep children away from hot or running engines. They can suffer burns from a hot muffler.
 - h. Remove key when machine is unattended to prevent unauthorized operation.
1. Never allow children under 14 years old to operate the machine. Children 14 years old and over should read and understand the operation instructions and safety rules in this manual and should be trained and supervised by a parent.

TOWING

1. Tow only with a machine that has a hitch designed for towing. Do not attach towed equipment except at the hitch point.
2. Follow the manufacturers recommendation for weight limits for towed equipment and towing on slopes.
3. Never allow children or others in or on towed equipment.
4. On slopes, the weight of the towed equipment may cause loss of traction and loss of control.
5. Travel slowly and allow extra distance to stop.
6. Do not shift to neutral and coast downhill.

SERVICE

SAFE HANDLING OF GASOLINE:

1. **To avoid personal injury or property damage** use extreme care in handling gasoline. **Gasoline** is extremely flammable and the vapors are explosive. Serious personal injury can occur when gasoline is spilled on yourself or your clothes which can ignite. Wash your skin and change clothes immediately.
 - a. Use only an approved gasoline container.
 - b. Never fill containers inside a vehicle or on a truck or trailer bed with a plastic liner. Always place containers on the ground away from your vehicle before filling.

- c. When practical, remove gas-powered equipment from the truck or trailer and refuel it on the ground. If this is not possible, then refuel such equipment on a trailer with a portable container, rather than from a gasoline dispenser nozzle.
- d. Keep the nozzle in contact with the rim of the fuel tank or container opening at all times until fueling is complete. Do not use a nozzle lock-open device.
- e. Extinguish all cigarettes, cigars, pipes and other sources of ignition.
- f. Never fuel machine indoors.
- g. Never remove gas cap or add fuel while the engine is hot or running. Allow engine to cool at least two minutes before refueling.
- h. Never over fill fuel tank. Fill tank to no more than ½ inch below bottom of filler neck to allow space for fuel expansion.
- i. Replace gasoline cap and tighten securely.
- j. If gasoline is spilled, wipe it off the engine and equipment. Move unit to another area. Wait 5 minutes before starting the engine.
- k. To reduce fire hazards, keep machine free of grass, leaves, or other debris build-up. Clean up oil or fuel spillage and remove any fuel soaked debris.
- l. Never store the machine or fuel container inside where there is an open flame, spark or pilot light as on a water heater, space heater, furnace, clothes dryer or other gas appliances.
- m. Allow a machine to cool at least 5 minutes before storing.

GENERAL SERVICE:

1. Never run an engine indoors or in a poorly ventilated area. Engine exhaust contains carbon monoxide, an odorless, and deadly gas.
2. Before cleaning, repairing, or inspecting, make certain the blade(s) and all moving parts have stopped. Disconnect the spark plug wire and ground against the engine to prevent unintended starting.
3. Periodically check to make sure the blades come to complete stop within approximately (5) five seconds after operating the blade disengagement control. If the blades do not stop within the this time frame, your unit should be serviced professionally by an authorized dealer.
4. Check brake operation frequently as it is subjected to wear during normal operation. Adjust and service as required.
5. Check the blade(s) and engine mounting bolts at frequent intervals for proper tightness. Also, visually inspect blade(s) for damage (e.g., excessive wear, bent, cracked). Replace the blade(s) with the original equipment

manufacturer's (O.E.M.) blade(s) only, listed in this manual. "Use of parts which do not meet the original equipment specifications may lead to improper performance and compromise safety!"

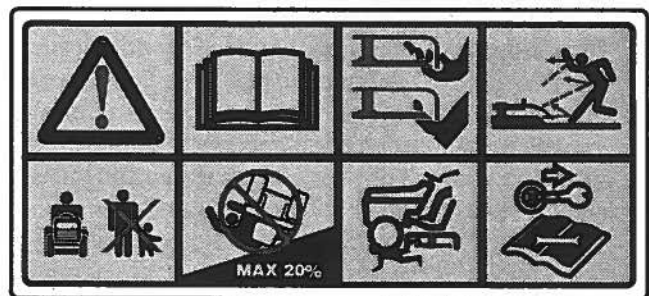
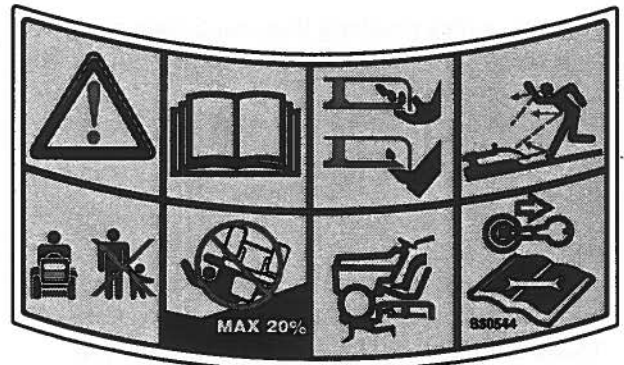
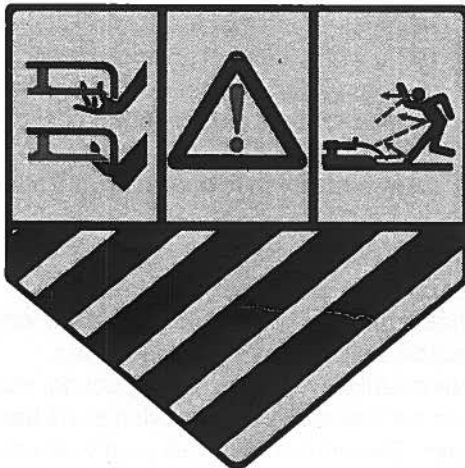
6. Mower blades are sharp. Wrap the blade or wear gloves, and use extra caution when servicing them.
7. Keep all nuts, bolts, and screws tight to be sure the equipment is in safe working condition.
8. Never tamper with the safety interlock system or other safety devices. Check their proper operation regularly.
9. After striking a foreign object, stop the engine, disconnect the spark plug wire(s) and ground against the engine. Thoroughly inspect the machine for any damage. Repair the damage before starting and operating.
10. Never attempt to make adjustments or repairs to the machine while the engine is running.
11. Grass catcher components and the discharge

cover are subject to wear and damage which could expose moving parts or allow objects to be thrown. For safety protection, frequently check components and replace immediately with original equipment manufacturer's (O.E.M.) parts only, listed in this manual. "Use of parts which do not meet the original equipment specifications may lead to improper performance and compromise safety!"

12. Do not change the engine governor settings or over-speed the engine. The governor controls the maximum safe operating speed of the engine.
13. Maintain or replace safety and instruction labels, as necessary.
14. Observe proper disposal laws and regulations for gas, oil, etc. to protect the environment.

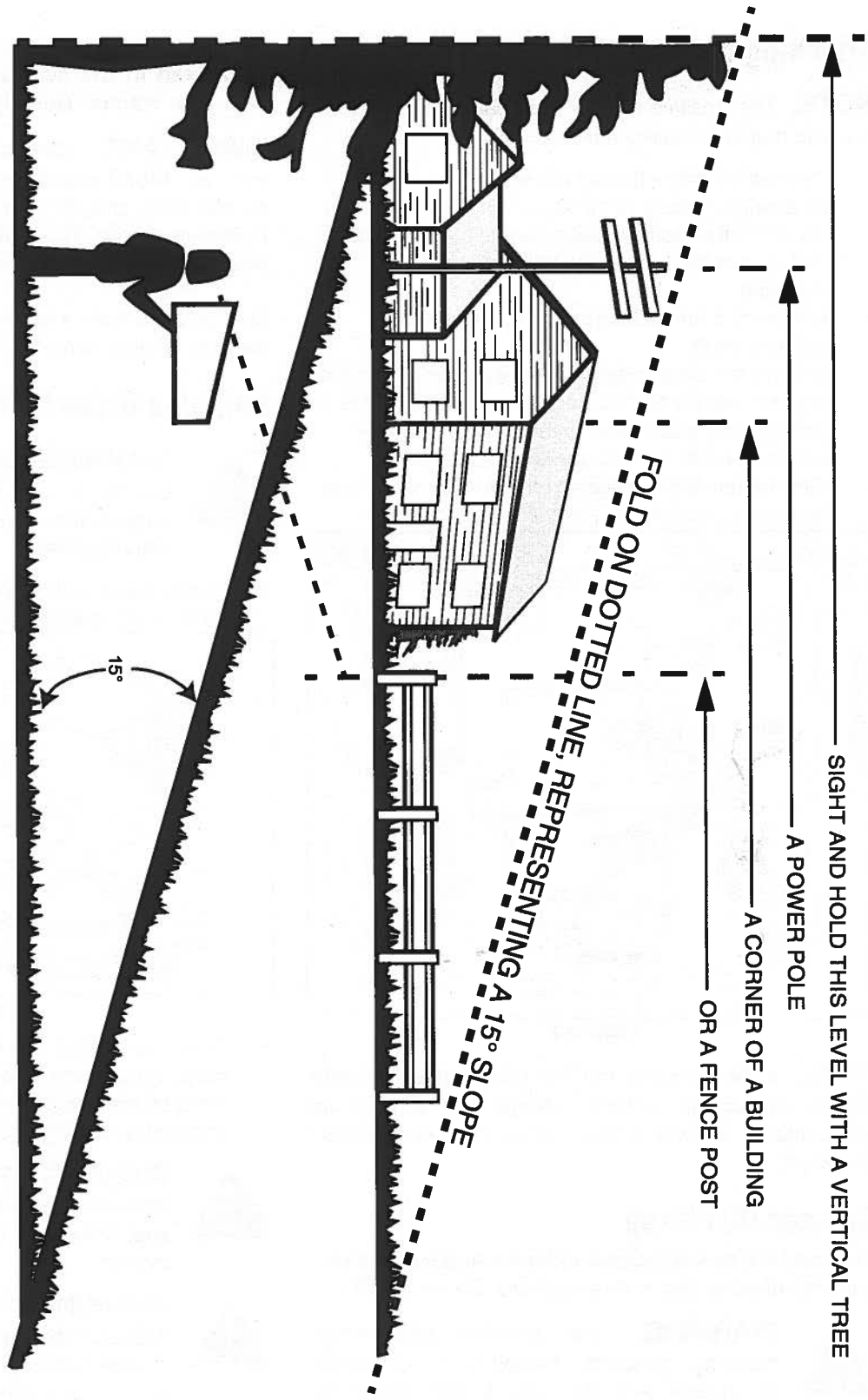


WARNING: YOUR RESPONSIBILITY Restrict the use of this power machine to persons who read understand and follow the warnings and instructions in this manual and on the machine.



Safety Labels found on your unit

SECTION 2: SLOPE GAUGE



 **WARNING**

Do not mow on inclines with a slope in excess of 15 degrees (a rise of approximately 2-1/2 feet every 10 feet). A riding mower could overturn and cause serious injury. If operating a walk-behind mower on such a slope, it is extremely difficult to maintain your footing and you could slip, resulting in serious injury. Operate RIDING mowers up and down slopes, never across the face of slopes.

SECTION 3: TRACTOR SET-UP

Attaching the Battery Cables

NOTE: The positive battery terminal is marked Pos. (+). The negative battery terminal is marked Neg. (-).

- The positive cable (heavy red wire) is secured to the positive battery terminal (+) with a hex bolt and hex nut at the factory. Make certain that the rubber boot covers the terminal to help protect it from corrosion.
- Remove the hex bolt and wing nut from the negative cable.
- Remove the black plastic cover, if present, from the negative battery terminal and attach the negative cable (heavy black wire) to the negative battery terminal (-) with the bolt and wing nut.
- Make certain the hold-down strap is in position over the battery, securing it in place. See Figure 1.

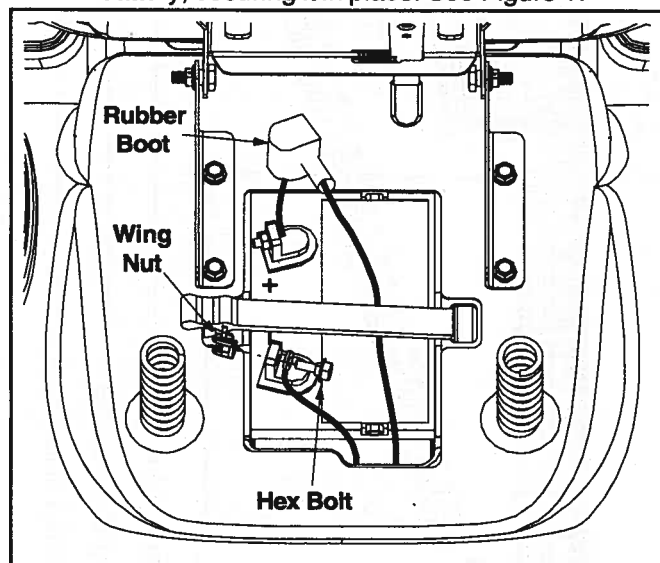


Figure 1

NOTE: If the battery is put into service after the date shown on top of battery, charge the battery as instructed on page 20 of this manual prior to operating the tractor.

Gas and Oil Fill-up

The gasoline tank is located under the hood and has a capacity of either two or three gallons. Do not overfill.



WARNING: Use extreme care when handling gasoline. Gasoline is extremely flammable and the vapors are explosive. Never fuel machine indoors or while the engine is hot or running. Extinguish cigarettes, cigars, pipes, and other sources of ignition.

Service the engine with gasoline and oil as instructed in the separate engine manual packed with your tractor. Read instructions carefully.

IMPORTANT: Your tractor is shipped with oil; however, you **MUST** check the oil level before operating. Be careful not to overfill. Overfilling with oil may cause the engine to smoke. This will result in poor engine performance and could cause permanent engine damage.

The gasoline tank is located under the hood and has a capacity of approximately two gallons. Do not overfill.

Shipping Brace Removal



WARNING: Make sure the riding mower's engine is off, set the parking brake and remove the ignition key before removing the shipping brace.

- Locate the shipping brace and warning tag found on the right side of the cutting deck. See Figure 2.

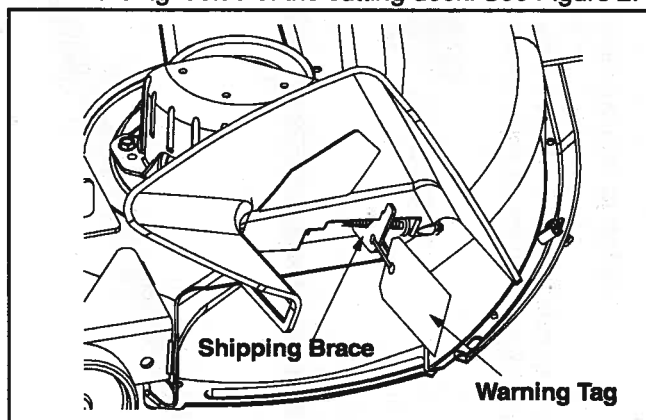


Figure 2

- While holding the discharge chute with your left hand, remove the shipping brace with your right hand by grasping it between your thumb and index finger and rotating it clockwise.

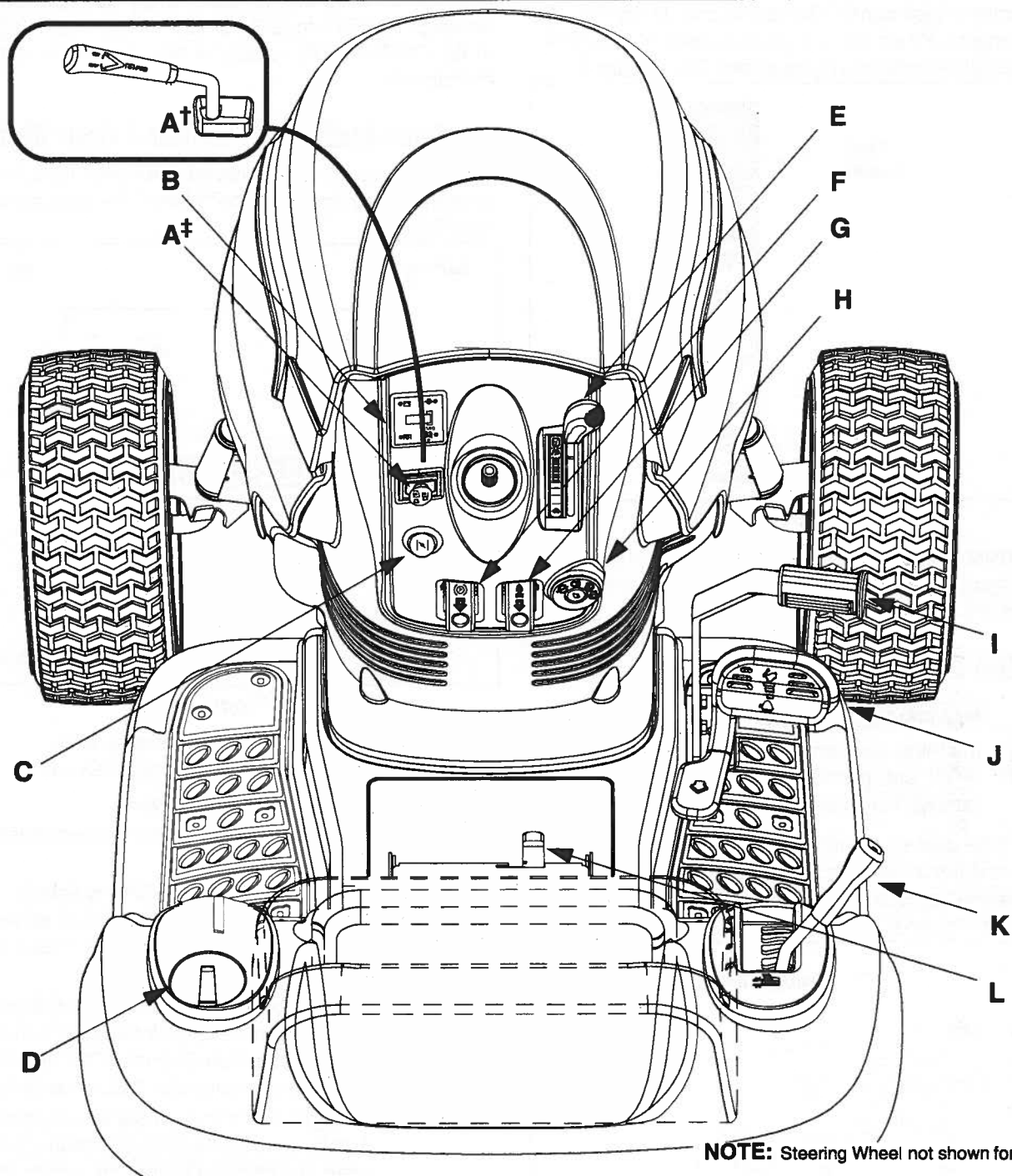


WARNING: The shipping brace, used for packaging purposes only, must be removed and discarded before operating your riding mower.



WARNING: The mowing deck is capable of throwing objects. Failure to operate the riding mower without the discharge cover in the proper operating position could result in serious personal injury and/or property damage.

SECTION 4: KNOW YOUR LAWN TRACTOR



- | | |
|--|--------------------------------|
| A PTO (Power Take-off) Lever (Models with manual PTO) | G Cruise Control Button |
| PTO (Power Take-off) Knob (Models with electric PTO) | H Ignition Switch |
| B Systems Indicator Monitor/Hour Meter | I Brake Pedal |
| C Choke Control | J Drive Pedal |
| D Cup Holder | K Deck Lift Lever |
| E Throttle Control Lever | L Seat Adjustment Lever |
| F Parking Brake Button | |

NOTE: Any reference in this manual to the *RIGHT* or *LEFT* side of the tractor is observed from operator's position.

* Tractors vary by model and are equipped with either a PTO lever or a PTO knob, NEVER both.

Throttle Control Lever

The throttle control lever is located on the right side of the tractor's dash panel. This lever controls the speed of the engine. When set in a given position, the throttle will maintain a uniform engine speed. See Figure 3.

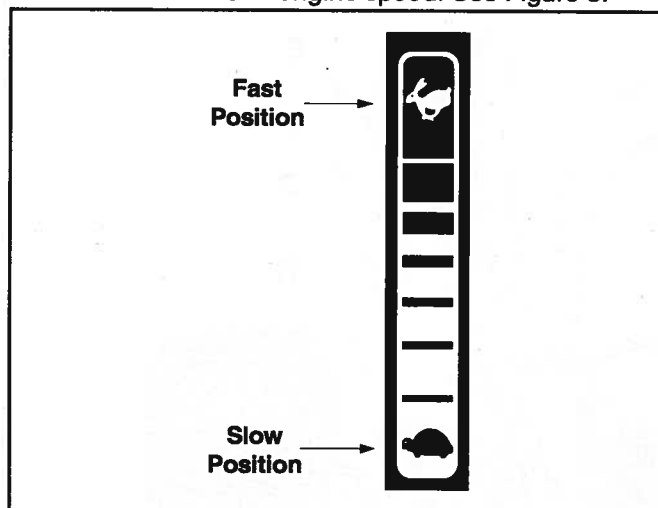


Figure 3

IMPORTANT: When operating the tractor with the cutting deck engaged, be certain that the throttle lever is **always** in the FAST (rabbit) position.

Ignition Switch



WARNING: Never leave a running machine unattended. Always disengage the PTO, set parking brake, stop engine and remove key to prevent unintended starting.

To start the engine, insert the key into the ignition switch and turn clockwise to the **START** position. Release the key into the **ON** position once engine has fired. See Figure 4.

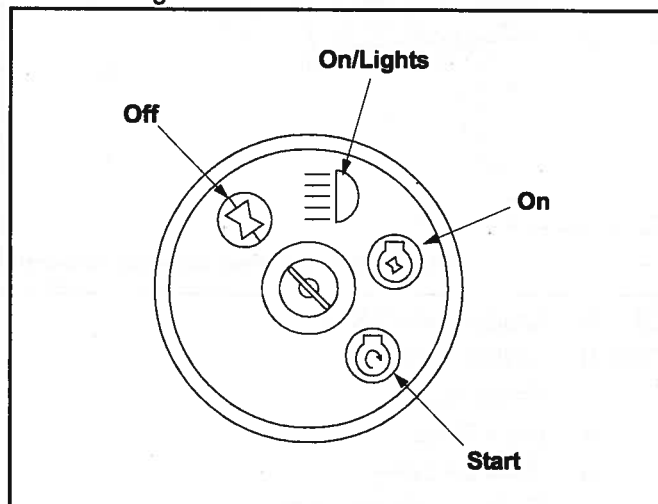


Figure 4

Refer to **STARTING THE ENGINE** in the **OPERATION** section of this manual for detailed starting instructions. The ignition switch is also used to operate the headlights. Refer to **OPERATING THE HEADLIGHTS** in the **OPERATION** section of this manual for detailed instructions.

Systems Indicator Monitor / Hour Meter

Your tractor is equipped with four indicator lights and an hour meter located on the left side of the dash panel. See Figure 5.

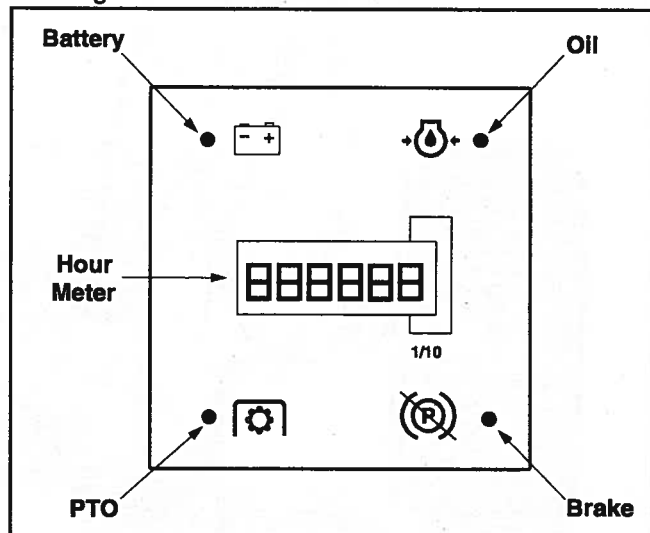


Figure 5

If the Brake light or PTO light illuminates when attempting to start the unit, proceed as follows:

Brake — Engage the parking brake.

PTO — Move the PTO lever into the disengaged (OFF) position.

It is normal for the Oil light and the Battery light to illuminate while the engine is **cranking**, but if either illuminates while the **engine is running**, proceed as follows:

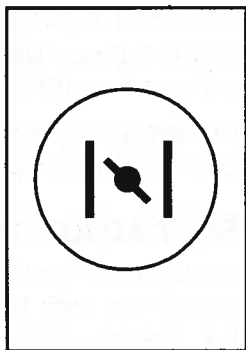
Oil — Stop the tractor immediately and check the crankcase oil level as instructed in the *Briggs & Stratton* Operator/Owner Manual included with your unit. Add oil as required.

Battery — If this light illuminates while the engine is running, it indicates that the battery is in need of a charge OR that the engine's charging system is not generating sufficient amperage. Refer to the **MAINTENANCE** section of this manual for the proper battery charging procedure or have the engine's charging system checked by a *authorized* dealer.

The hour meter operates whenever the engine is running and records the actual hours of tractor operation.

Choke Control

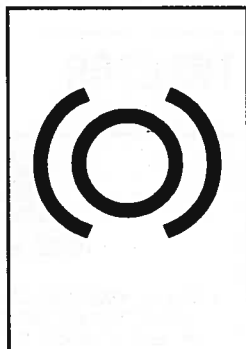
The choke control can be found on the left side of the dash panel and is activated by pulling the knob outward. Activating the choke control closes the choke plate on the carburetor and aids in starting the engine. Refer to **STARTING THE ENGINE** in the **OPERATION** section of this manual for detailed starting instructions.



Brake Pedal

The brake pedal is located on the right front side of the tractor above the drive pedal along the running board. The brake pedal can be used for sudden stops or setting the parking brake.

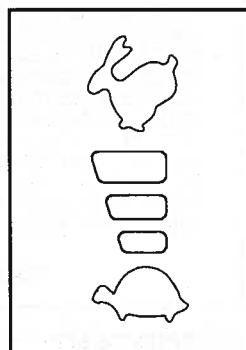
NOTE: The brake pedal must be fully depressed to activate the safety interlock switch when starting the tractor.



Drive Pedal

The drive pedal is located below the brake pedal on the right front side of the tractor along the running board. Depress the upper portion of the drive pedal forward to cause the tractor to travel forward. Depress the lower portion of the drive pedal with the ball of your right foot (NOT your heel) to cause the tractor to travel in reverse. Ground speed is also controlled with the drive pedal. The further forward or rearward that the pedal is pivoted, the faster the tractor will travel. The pedal will return to its original position when it's not depressed.

IMPORTANT: Always set the parking brake when leaving the tractor unattended.



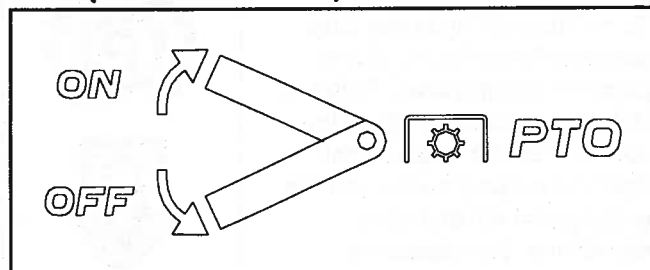
Cup Holder

The tractor's cup holder is located on the fender to the left of the seat, just to the rear of the parking brake lever.

Deck Lift Lever

Found on your tractor's right fender, the deck lift lever is used to change the height of the cutting deck. To use, move the lever to the left, then place in the notch best suited for your application.

PTO (Power Take-off) Lever

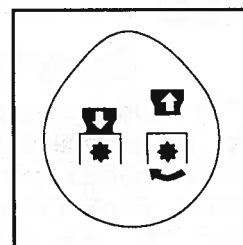


The PTO lever is located on the left side of the dashboard next to the steering wheel. Move the PTO lever forward to engage the power to the cutting deck or other (separately available) attachments; move the PTO lever rearward to disengage the power.

NOTE: The PTO lever **must** be in the disengaged (OFF) position when starting the engine, when traveling in reverse and if the operator leaves the seat.

Electric PTO (Power Take-off) Knob

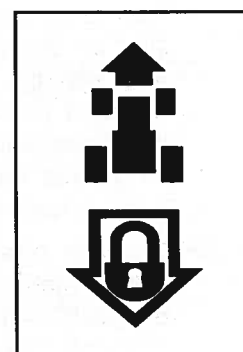
To engage the power to the cutting deck or other (separately available) attachments on pull outward on the PTO knob. Push the PTO knob inward to disengage the power.



NOTE: The PTO knob **must** be in the disengaged (OFF) position when starting the engine, when simultaneously moving both control handles into the REVERSE position and if the operator leaves the seat.

Cruise Control Button

The cruise control button is located on the tractor dash panel to the left of the ignition switch. Push the cruise control button while traveling forward at a desired speed. While holding the button in, release pressure from the drive pedal. This will engage the cruise control and allow the tractor to remain at that speed without applying pressure to the drive pedal. Depress the brake pedal or the drive pedal to deactivate cruise control. Refer to **OPERATION SECTION** of this manual for detailed instructions regarding the cruise control feature.



NOTE: Cruise control can **NOT** be engaged at the tractor's fastest ground speed. If the operator should attempt to do so, the tractor will automatically decelerate to the fastest optimal mowing ground speed.

Parking Brake Button

To set the parking brake, fully depress the brake pedal and push the parking brake button in. Hold the button in while taking your foot off the brake pedal. Both the parking button and the brake pedal will then stay depressed. To release the parking brake, depress the brake pedal slightly. The parking brake button will then return to its original position.



NOTE: The parking brake must be set if the operator leaves the seat with the engine running or the engine will automatically shut off.

IMPORTANT: Always set the parking brake when leaving the tractor unattended.

SEAT ADJUSTMENT LEVER

To adjust the seat forward or backward, slide the seat adjustment lever to the left and reposition the seat to the desired position. Once a comfortable position is found, release the seat adjustment lever to lock the seat in place. Refer to the ADJUSTMENTS section of this manual for more detailed instructions.

SECTION 5: OPERATING YOUR LAWN TRACTOR



WARNING: Read, understand, and follow all instructions and warnings on the machine and in this manual before operating.

Safety Interlock Switches

This tractor is equipped with a safety interlock system for the protection of the operator. If the interlock system should ever malfunction, do not operate the tractor. Contact an authorized Service Dealer in your area. The safety interlock system prevents the engine from cranking or starting unless the brake pedal is fully depressed, and the PTO lever, or PTO knob is in the disengaged (OFF) position.

- The safety interlock system will automatically shut off the engine if the operator leaves the seat before engaging the brake lock.
- The safety interlock system will automatically shut off the engine if the operator leaves the seat with the PTO lever, or PTO knob in the engaged (ON) position, regardless of whether the brake lock is engaged. The PTO lever, or PTO knob must be in the disengaged (OFF) position to restart the engine.
- On units equipped with an electric PTO, the safety interlock system will automatically shut off the PTO if the PTO knob is moved into the engaged (ON) position with the shift lever in the REVERSE position.
- On units equipped with a manual PTO, the safety interlock system will automatically shut off the tractor's engine if the PTO lever is moved into the engaged (ON) position with the shift lever in the REVERSE position.



WARNING: Do not operate the tractor if the interlock system is malfunctioning. This system was designed for your safety and protection.



WARNING

AVOID SERIOUS INJURY OR DEATH

- GO UP AND DOWN SLOPES, NOT ACROSS.
- AVOID SUDDEN TURNS.
- DO NOT OPERATE THE UNIT WHERE IT COULD SLIP OR TIP.
- IF MACHINE STOPS GOING UPHILL, STOP BLADE(S) AND BACK DOWNHILL SLOWLY.
- DO NOT MOW WHEN CHILDREN OR OTHERS ARE AROUND.
- NEVER CARRY CHILDREN, EVEN WITH BLADES OFF.
- LOOK DOWN AND BEHIND BEFORE AND WHILE BACKING.
- KEEP SAFETY DEVICES (GUARDS, SHIELDS, AND SWITCHES) IN PLACE AND WORKING.
- REMOVE OBJECTS THAT COULD BE THROWN BY THE BLADE(S).
- KNOW LOCATION AND FUNCTION OF ALL CONTROLS.
- BE SURE BLADE(S) AND ENGINE ARE STOPPED BEFORE PLACING HANDS OR FEET NEAR BLADE(S).
- BEFORE LEAVING OPERATOR'S POSITION, DISENGAGE BLADE(S), PLACE THE SHIFT LEVER IN NEUTRAL, ENGAGE BRAKE LOCK, SHUT ENGINE OFF AND REMOVE KEY.

READ OPERATOR'S MANUAL

IMPORTANT: Tampering with or attempting to bypass the tractor's Safety Interlock Switches in any way WILL void your warranty.

Setting the Cutting Height

Select the height position of the cutting deck by placing the deck lift lever in any of the six different cutting height notches on the right side of the fender. Then adjust the deck wheels so that they are between ¼-inch and ½-inch above the ground when the tractor is on a smooth flat surface such as a driveway.



WARNING: Keep hands and feet away from the discharge opening of the cutting deck.

NOTE: The deck wheels are an anti-scalp feature on the deck and are not designed to support the weight of the cutting deck.

Refer to the ADJUSTMENTS section of this manual for more detailed instructions regarding various deck adjustments.

Starting the Engine



WARNING: Do not operate the tractor if the interlock system is malfunctioning. This system was designed for your safety and protection.

NOTE: Refer to the TRACTOR SET-UP section of this manual for Gasoline and Oil fill-up instructions.

Insert the tractor key into the ignition switch.
Place the PTO knob (or lever) in the disengaged (OFF) position.
Engage the tractor's parking brake.
Pull the choke control outward.
Turn the ignition key clockwise to the START position. After the engine starts, release the key. It will return to the ON position.

IMPORTANT: Do NOT hold the key in the START position for longer than ten seconds at a time. Doing so may cause damage to your engine's electric starter.

NOTE: If starting problems are encountered, refer to the TROUBLESHOOTING section of this manual.

After the engine starts, slowly release the brake pedal. As the engine warms up, gradually push the choke control knob inward to open up the choke plate on the engine's carburetor.

NOTE: Do NOT leave the choke control on while operating the tractor. Doing so will result in a "rich" fuel mixture and cause the engine to run poorly.

Stopping the Engine



WARNING: If you strike a foreign object, stop the engine, disconnect the spark plug wire(s) and ground against the engine. Thoroughly inspect the machine for any damage. Repair the damage before restarting and operating.

If the blades are engaged, place the PTO knob (or lever) in the disengaged (OFF) position.
Turn the ignition key counterclockwise to the OFF position.
Remove the key from the ignition switch to prevent unintended starting.

Driving The Tractor



WARNING: Avoid sudden starts, excessive speed and sudden stops.



WARNING: Do not leave the seat of the tractor without first placing the PTO knob (or lever) in the disengaged (OFF) position, depressing the brake pedal and engaging the parking brake. If leaving the tractor unattended, also turn the ignition key off and remove the key.

- Briefly depress the brake pedal to release the parking brake. Move the throttle lever into the FAST (rabbit) position.
- To travel FORWARD, slowly depress the upper portion of the drive pedal forward until the desired speed is achieved. See Figure 6.

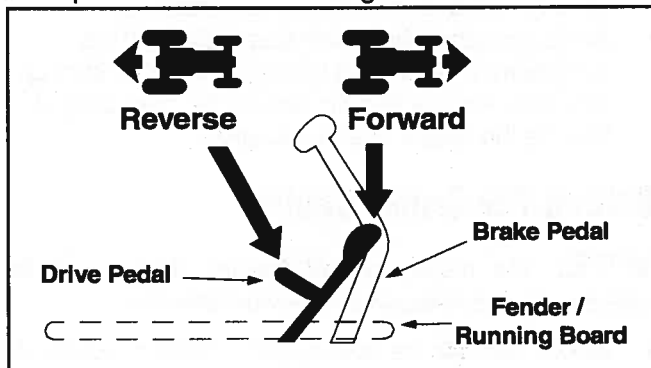


Figure 6

- To travel in REVERSE, check that the area behind is clear then slowly depress the lower portion of the drive pedal with the ball of your foot (NOT your heel) until the desired speed is achieved. See Figure 6.

IMPORTANT: Do NOT attempt to change the direction of travel when the tractor is in motion. Always bring the tractor to a **complete** stop before pivoting the drive pedal from forward to reverse or vice versa.

Engaging the Parking Brake

To engage the parking brake:

- Fully depress the brake pedal and hold it there while gently pushing the parking brake button inward.
- Hold the parking brake button in while removing your foot from the brake pedal.
- Once engaged, the parking brake button and the brake pedal will lock in the "down" position.

To disengage the parking brake:

- Slightly depress the brake pedal.

NOTE: The parking brake must be engaged if the operator leaves the seat with the engine running or the engine will automatically shut off.

Driving On Slopes

Refer to the SLOPE GAUGE on page 7 to help determine slopes where you may not operate safely.



WARNING: Do not mow on inclines with a slope in excess of 15 degrees (a rise of approximately 2-1/2 feet every 10 feet). The tractor could overturn and cause serious injury.

- Mow up and down slopes, NEVER across.
- Exercise extreme caution when changing direction on slopes.
- Watch for holes, ruts, bumps, rocks, or other hidden objects. Uneven terrain could overturn the machine. Tall grass can hide obstacles.
- Avoid turns when driving on a slope. If a turn must be made, turn down the slope. Turning up a slope greatly increases the chance of a roll over.
- Avoid stopping when driving up a slope. If it is necessary to stop while driving up a slope, start up smoothly and carefully to reduce the possibility of flipping the tractor over backward.

Setting The Cruise Control

NOTE: The cruise control feature should only be utilized while traveling in the forward direction.

- Slowly depress the upper portion of the drive pedal until the desired speed is achieved.
- Lightly depress the cruise control button.
- While continuing to hold the cruise button in, lift your foot from the drive pedal (you should feel the cruise latch engage).
- Once engaged, the cruise control button and the drive pedal will lock in the "down" position, and the tractor will maintain the same forward speed.

NOTE: Cruise control can not be engaged at the tractor's fastest ground speed. If the operator should attempt to do so, the tractor will automatically decelerate to the fastest optimal mowing ground speed.

Disengage the cruise control using one of the following methods:

- Depress the brake pedal to disengage the cruise control and stop the tractor.
- Lightly depress the drive pedal.

To change the direction of travel to reverse when operating with cruise control, depress the brake pedal to disengage the cruise control and bring the tractor to a complete stop. Then slowly depress the lower portion of the drive pedal with the ball of your foot to travel in reverse.

Moving The Tractor Manually

Your tractor's transmission is equipped with a hydrostatic relief valve for occasions when it is necessary to move the tractor manually. Activating this valve forces the fluid in the transmission to bypass its normal route, allowing the rear tires to "freewheel." To

engage the hydrostatic relief valve, proceed as follows:

- Locate the hydrostatic bypass rod in the rear of the tractor. See Figure 7.
- Pull the hydrostatic bypass rod outward, then down, to lock it in place.

NOTE: The transmission will NOT engage when the hydrostatic bypass rod is pulled out. Return the rod to its normal position prior to operating the tractor.

IMPORTANT: Never attempt to move the tractor manually without first engaging the hydrostatic relief valve. Doing so will result in serious damage to the tractor's transmission.

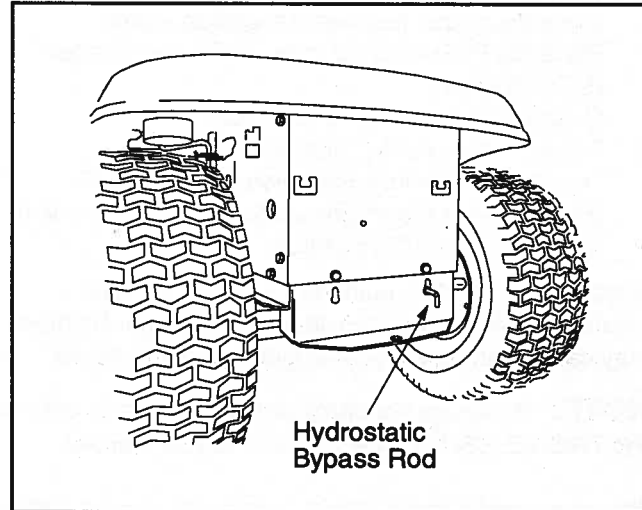


Figure 7

Engaging the PTO

Engaging the PTO transfers power to the cutting deck or other (separately available) attachments. To engage the PTO, proceed as follows:

- Move the throttle control lever to the FAST (rabbit) position.

Models with manual PTO

- Grasp the PTO lever and pivot it all the way forward into the engaged (ON) position.

Models with electric PTO

- Pull the PTO knob outward into the engaged (ON) position. See Figure 8.

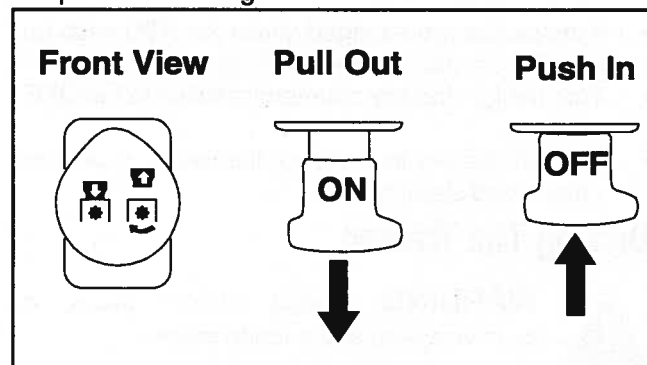


Figure 8

Keep the throttle lever in the FAST (rabbit) position for the most efficient use of the cutting deck or other (separately available) attachments.

IMPORTANT: The engine or electric PTO clutch will automatically shut off if the PTO is engaged with the drive pedal in position for reverse travel. Refer to SAFETY INTERLOCK SWITCHES earlier in this section.

USING THE LIFT LEVER

To raise the cutting deck, move the lift lever to the left, then place it in the notch best suited for your application. Refer to SETTING THE CUTTING HEIGHT earlier in this section.

Operating The Headlights

To turn the tractor's headlights on:

- Start the engine following the instructions earlier in this section.
- Turn the key one notch counterclockwise into the On/Lights position of the ignition switch. Refer to Figure 4.

To turn the tractor's headlights off:

- Turn the key either into the On position (to leave the engine running) or the Off position (to shut the engine off). Refer to Figure 4.

NOTE: Never move the key into the Start position while the engine is running. Doing so may cause damage to your engine's electric starter.

Mowing



WARNING: To help avoid blade contact or a thrown object injury, keep bystanders, helpers, children and pets at least 75 feet from the machine while it is in operation. Stop machine if anyone enters the area.

This tractor is equipped with a high quality cutting deck. The following information will be helpful when using the cutting deck with your tractor.



WARNING: Plan your mowing pattern to avoid discharge of materials toward roads, sidewalks, bystanders and the like. Also, avoid discharging material against a wall or obstruction which may cause discharged material to ricochet back toward the operator.

- Do not mow at high ground speed, especially if a mulch kit or grass collector is installed.
- For best results it is recommended that the first two laps be cut with the discharge thrown towards the center. After the first two laps, reverse the direction to throw the discharge to the outside for the

balance of cutting. This will give a better appearance to the lawn.

- Do not cut the grass too short. Short grass invites weed growth and yellows quickly in dry weather.
- Mowing should always be done with the engine at full throttle.
- Under heavier conditions it may be necessary to go back over the cut area a second time to get a clean cut.
- Do NOT attempt to mow heavy brush and weeds and extremely tall grass. Your tractor is designed to mow lawns, NOT clear brush.
- Keep the blades sharp and replace the blades when worn. Refer to the SERVICE section of this manual for proper blade sharpening instructions.

Mulching

Tractors come equipped with a mulch kit which incorporates special blades, already standard on your tractor, in a process of recirculating grass clippings repeatedly beneath the cutting deck. The ultra-fine clippings are then forced back into the lawn where they act as a natural fertilizer. Observe the following recommendations for the best results when mulching.

NOTE: The mulch kit is installed on models equipped with a 42-inch deck. It is packed separately (with an instruction sheet) in the crate on models equipped with a 46-inch deck.

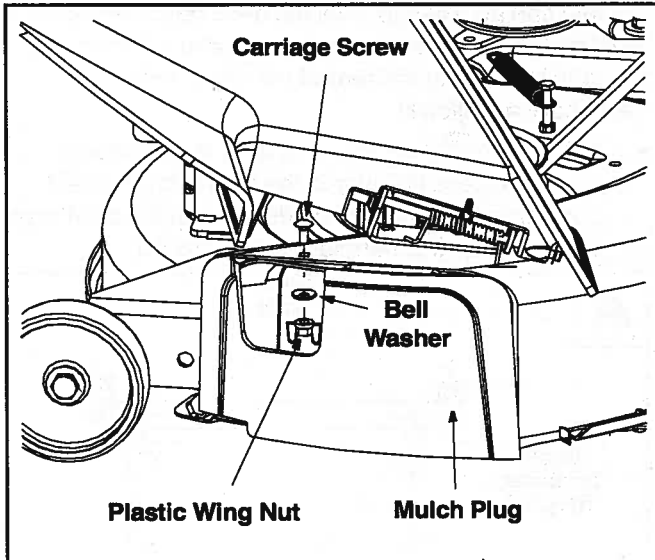


Figure 9

- Never attempt to mulch if the lawn is damp. Wet grass tends to stick to the underside of the cutting deck preventing proper mulching of the clippings.
- Do NOT attempt to mulch more than 1/3 the total height of the grass or approximately 1-1/2 inches. Doing so will cause the clippings to clump up beneath the deck and not be mulched effectively.

- Maintain a slow ground speed to allow the grass clippings more time to effectively be mulched.
- Always position the throttle control lever in the FAST (rabbit) position and allow it to remain there while mowing. Failing to keep the engine at full throttle places strain on the tractor's engine and does not allow the blades to properly mulch grass.

NOTE: It is not necessary to remove the discharge chute to operate the mower with the mulch kit installed.

To operate the cutting deck without mulching, simply remove the mulch plug by unthreading the plastic wing nut which fastens it to the cutting deck. This will allow the clippings to discharge out the side. See Figure 9

SECTION 6: MAKING ADJUSTMENTS



WARNING: Never attempt to make any adjustments while the engine is running, except where specified in the operator's manual.



WARNING: Disconnect the spark plug wire(s) and ground against the engine before performing any adjustments, repairs or maintenance.

Leveling the Deck

NOTE: Check the tractor's tire pressure before performing any deck leveling adjustments. Refer to TIRES in the maintenance section of this manual for further information regarding tire pressure.

Front To Rear

The front of the cutting deck is supported by a stabilizer bar that can be adjusted to level the deck from front to rear. The front of the deck should be between 1/4-inch and 3/8-inch lower than the rear of the deck. Adjust if necessary as follows:

- With the tractor parked on a firm, level surface, place the deck lift lever in the top notch (highest position) and rotate the blade nearest the discharge chute so that it is parallel with the tractor.

- Measure the distance from the front of the blade tip to the ground and the rear of the blade tip to the ground.
- The first measurement taken should be between 1/4" and 3/8" less than the second measurement.
- Determine the approximate distance necessary for proper adjustment and proceed, if necessary, to the next step.
- Loosen the two jam nuts on the rear side of the deck stabilizer bracket. See Figure 10A.
- Locate the two lock nuts on the opposite side of the stabilizer bracket. See Figure 10A. Tighten the lock nuts to raise the front of the deck; loosen the lock nuts to lower the front of the deck.
- Retighten the two jam nuts loosened earlier when proper adjustment is achieved.

Side to Side

If the cutting deck appears to be mowing unevenly, a side to side adjustment can be performed. Adjust if necessary as follows:

- With the tractor parked on a firm, level surface, place the deck lift lever in the top notch (highest position) and rotate both blades so that they are perpendicular with the tractor.

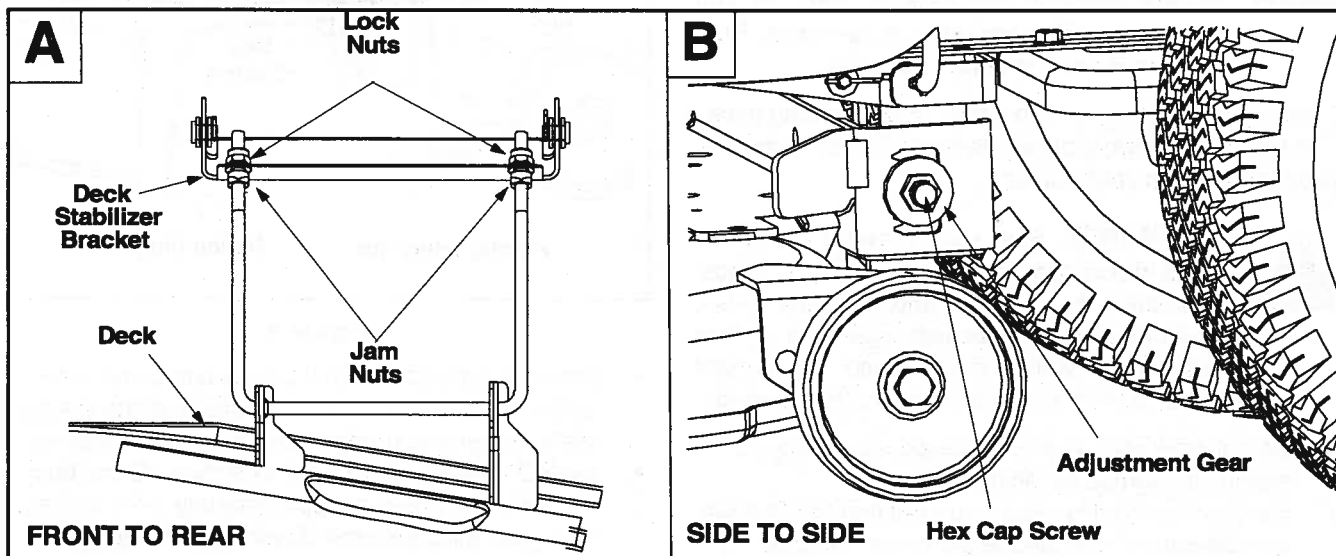


Figure 10

Measure the distance from the outside of the left blade tip to the ground and the distance from the outside of the right blade tip to the ground. Both measurements taken should be equal. If they're not, proceed to the next step.

Loosen, but do NOT remove, the hex cap screw on the left deck hanger bracket. See Figure 10B.

Balance the deck by using a wrench to turn the adjustment gear (found immediately behind the hex cap screw just loosened) clockwise/up or counterclockwise/down.

The deck is properly balanced when both blade tip measurements taken earlier are equal.

Retighten the hex cap screw on the left deck hanger bracket when proper adjustment is achieved.

Seat Adjustment



WARNING: Before operating this machine, make sure the seat is engaged in the seat stop, stand behind the machine and pull back on seat until fully engaged into stop.

To adjust the position of the seat, move the seat adjustment lever to the left and slide the seat forward or backward. Make sure seat is locked into position before operating the tractor.

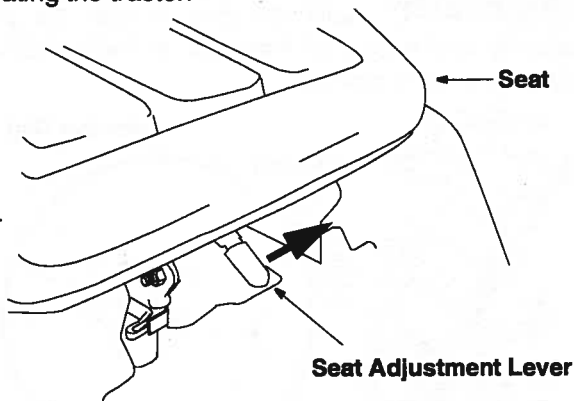


Figure 11

Parking Brake Adjustment



WARNING: Never attempt to adjust the brakes while the engine is running. Always disengage PTO, move shift lever into neutral position, stop engine and remove key to prevent unintended starting.

If the tractor does not come to a complete stop when the brake pedal is completely depressed, or if the tractor's rear wheels can roll with the parking brake applied, the brake is in need of adjustment. The brake disc can be found on the right side of the transmission in the rear of the tractor. Adjust if necessary as follows:

- Looking at the transmission from the right side of the tractor, locate the compression spring and brake disc. See Figure 12.
- Carefully remove the cotter pin from the crown nut on the right side of the brake assembly.
- Using a feeler gauge, check the gap between the brake disc and the brake puck. Proper gap is .011".
- Tighten the crown nut until the proper gap is achieved.

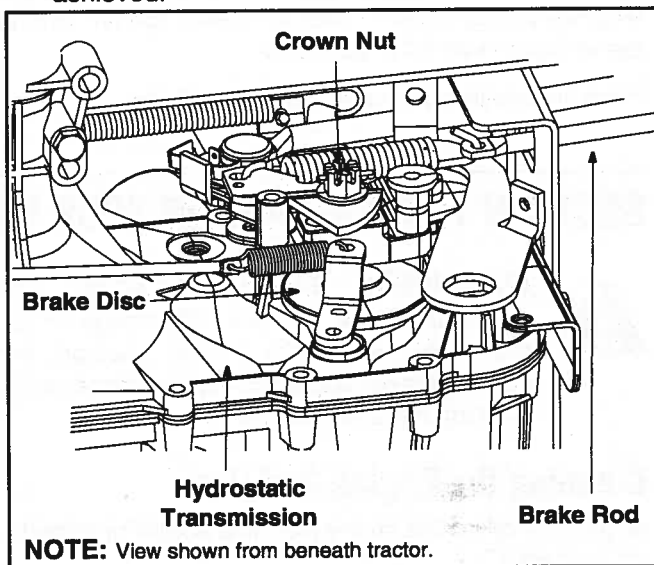


Figure 12

Steering Adjustment

If the tractor turns tighter in one direction than the other, or if the ball joints are being replaced due to damage or wear, the steering drag links may need to be adjusted.

Adjust the drag links so that equal lengths are threaded into the ball joint on the left side and the ball joint on the right side:

- Loosen the jam nut found on the drag link at the rear of the ball joint. See Figure 13.

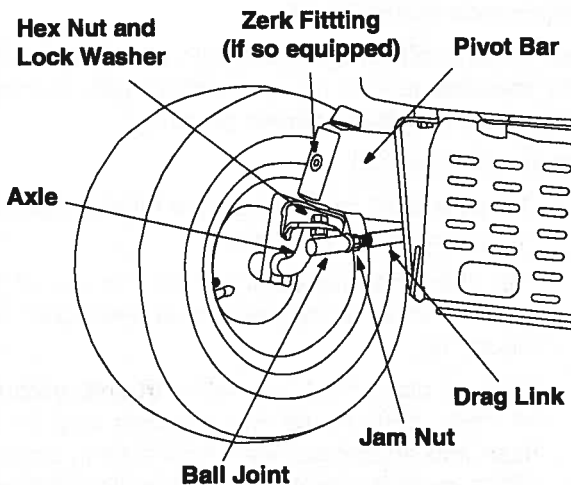


Figure 13

- Remove the hex nut and lock washer on the top of ball joint. See Figure 13.
- Thread the ball joint toward the jam nut to shorten the drag link. Thread the ball joint away from the jam nut to lengthen the drag link.
- Replace hex nut and lock washer and retighten the jam nut after proper adjustment is achieved.

NOTE: Threading the ball joints too far onto the drag links will cause the front tires to "toe-in" too far. Proper toe-in is between 1/16" and 5/16".

Front tire toe-in can be measured as follows:

- Place the steering wheel in position for straight ahead travel.
- In front of the axle, measure the distance horizontally from the inside of the left rim to the inside of the right rim. Note the distance.
- Behind the axle, measure the distance horizontally from the inside of the left rim to the inside of the right rim. Note the distance.
- The measurement taken in front of the axle should be between 1/16" and 5/16" less than the measurement taken behind the axle.
- Adjust if necessary.

SECTION 7: MAINTAINING YOUR LAWN TRACTOR



WARNING: Before performing any maintenance or repairs, disengage PTO, move shift lever into neutral position, set parking brake, stop engine and remove key to prevent unintended starting.

Cleaning the Engine And Deck

Any fuel or oil spilled on the machine should be wiped off promptly.

Do NOT allow debris to accumulate around the cooling fins of the engine or on any other part of the machine, especially the belts and pulleys.

IMPORTANT: The use of a pressure washer or garden hose to clean your tractor is NOT recommended. It may cause damage to electrical components, spindles, pulleys, bearings or the engine. The use of water will result in a shortened life of the tractor and reduce its serviceability.

ENGINE

Refer to the separate engine manual for engine maintenance instructions.

Check engine oil level before each use as instructed in the separate engine manual packed with your unit. Read and follow instructions carefully.

Changing Engine Oil

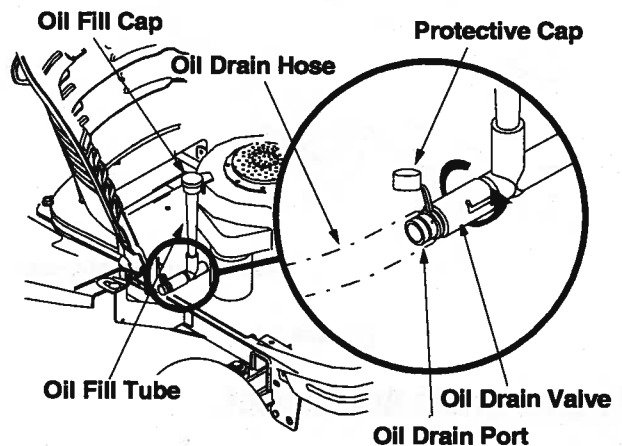
- Unscrew oil fill cap and remove dipstick from the oil fill tube. See Figure 14.
- Pop open the protective cap on the end of the oil drain valve to expose the oil drain port. See Figure 14.
- Push oil drain hose (packed with unit) onto the oil drain port. Route the opposite end of the hose into an appropriate oil collection container with a capacity great enough to collect the used oil.

- Push the oil drain valve in slightly, then rotate counterclockwise and pull outward to begin draining oil. See Figure 14.
- Service the oil filter (if so equipped) as instructed in the separate engine manual packed with your unit.

Perform the above steps in the opposite order after you have finished draining.

- Refill the engine with new motor oil.

IMPORTANT: Refill the engine with the proper capacity and weight of motor oil as instructed in the separate engine manual.



NOTE: Single-cylinder engine shown. Valve location will vary with engine style.

Figure 14

Service air cleaner every 25 hours under normal conditions. Clean every few hours under extreme dusty condition. To service the air cleaner, refer to the separate engine manual packed with your unit.

The spark plug(s) should be cleaned and the gap reset once a season. Spark plug replacement is recommended at the start of each mowing season; check engine manual for correct plug type and gap specifications.

Lubrication



WARNING: Before lubricating, repairing, or inspecting, always disengage PTO, move shift lever into neutral position, set parking brake, stop engine and remove key to prevent unintended starting.

Engine

Lubricate the engine with motor oil as instructed in the *Briggs & Stratton Operator/Owner Manual* packed with your unit.

Pivot Points & Linkage

Lubricate all the pivot points on the drive system,

parking brake and lift linkage at least once a season with light oil.

Rear Wheels

The rear wheels should be removed from the axles once a season. Lubricate the axles and the rims well with an all-purpose grease before re-installing them.

Front Wheels

Each of the front wheel axles is equipped with a grease fitting. Lubricate with a grease gun after every 25 hours of tractor operation.

Transmission

The hydrostatic transmission is sealed at the factory. Oil level cannot be checked nor can the oil be changed.

SECTION 8: SERVICE

Tires



WARNING: Never exceed the maximum inflation pressure shown on the sidewall of the tire.

The recommended operating tire pressure is 10 psi for the rear tires and 14 psi for the front tires. Refer to the tire sidewall for exact tire manufacturer's recommended or maximum psi. Do not overinflate. Uneven tire pressure could cause the cutting deck to mow unevenly.

Cutting Blades



WARNING: Be sure to shut the engine off, remove ignition key, disconnect the spark plug wire(s) and ground against the engine to prevent unintended starting before removing the cutting blade(s) for sharpening or replacement. Protect your hands by using heavy gloves or a rag to grasp the cutting blade.



WARNING: Periodically inspect the blade adapter and/or spindle for cracks or damage, especially if you strike a foreign object. Replace immediately if damaged.

The blades may be removed as follows.

- Remove the deck from beneath the tractor, (refer to DECK REMOVAL) then gently flip the deck over to expose its underside.

- Place a block of wood between the center deck housing baffle and the cutting blade to act as a stabilizer. See Figure 15.

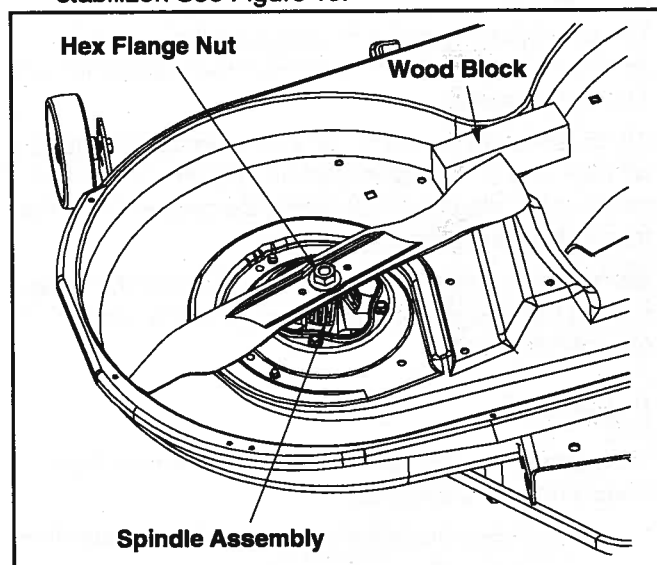


Figure 15

- Use a 15/16" wrench to remove the hex flange nut that secures the blade to the spindle assembly. See Figure 15.

To properly sharpen the cutting blades, remove equal amounts of metal from both ends of the blades along the cutting edges, parallel to the trailing edge, at a 25° to 30° angle. See Figure 16.

IMPORTANT: If the cutting edge of the blade has already been sharpened to within 5/8" of the wind wing radius, or if any metal separation is present, replace the blades with new ones. See Figure 16.

It is important that each cutting blade edge be ground equally to maintain proper blade balance.

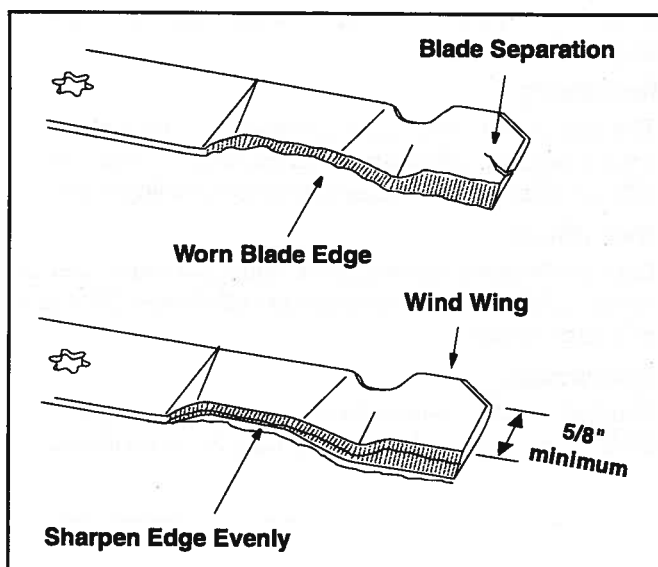


Figure 16

A poorly balanced blade will cause excessive vibration and may cause damage to the tractor and result in personal injury.

The blade can be tested by balancing it on a round shaft screwdriver. Grind metal from the heavy side until it balances evenly.

When replacing the blade, be sure to install the blade with the side of the blade marked "Bottom" (or with a part number stamped in it) facing the ground when the mower is in the operating position.

IMPORTANT: Use a torque wrench to tighten the blade spindle hex flange nut to between 70 foot-pounds and 90 foot-pounds.

Battery

The battery is sealed and is maintenance-free. Acid levels cannot be checked.

- Always keep the battery cables and terminals clean and free of corrosive build-up.
- After cleaning the battery and terminals, apply a light coat of petroleum jelly or grease to both terminals
- Always keep the rubber boot positioned over the positive terminal to prevent shorting.

IMPORTANT: If removing the battery for any reason, disconnect the **NEGATIVE (Black)** wire from its terminal first, followed by the **POSITIVE (Red)** wire. When re-installing the battery, always connect the **POSITIVE (Red)** wire its terminal first, followed by the **NEGATIVE (Black)** wire. Be certain that the wires are connected to the correct terminals; reversing them could change the polarity and cause damage to your engine's alternating system.

Charging

If the unit has not been put into use for an extended period of time, charge the battery with an automotive-type 12-volt charger for a minimum of one hour at six amps.



WARNING: Batteries give off an explosive gas while charging. Charge battery in a well ventilated area and keep away from an open flame or pilot light as on a water heater, space heater, furnace, clothes dryer or other gas appliances.

Fuses

Two fuses are installed in your tractor's wiring harness to protect the tractor's electrical system from damage caused by excessive amperage.

If the electrical system does not function, or your tractor's engine will not crank, first check to be certain that the fuse has not blown. See Figure 17

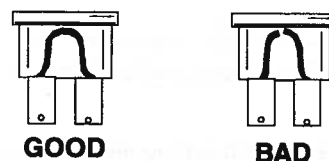


Figure 17

One can be found under the hood mounted behind the top of the dash panel on the support bar.

The other can be found under the seat mounted to the inside of the tractor frame next to the battery tray. Pull the fuse out and inspect it to determine if it is good or blown.



Always use a fuse with the same amperage capacity for replacement.

Cutting Deck Removal

To properly remove the cutting deck, proceed as follows:

- Place the PTO knob in the disengaged (OFF) position and engage the parking brake.
- Lower the deck by moving the deck lift lever into the bottom notch on the right fender.
- Remove the PTO belt from around the electric PTO clutch and from around the PTO idler pulley(s) on models with 46" deck, and from around the cutting deck's center pulley on models with 42" decks.

NOTE: The deck belt on the deck does **NOT** need to be removed in order to remove the deck.

- Looking at the cutting deck from the left side of the tractor, locate the deck support pin on the rear left side of the deck.
- Pull the deck support pin outward to release the deck from the deck lift arm. See Figure 18.

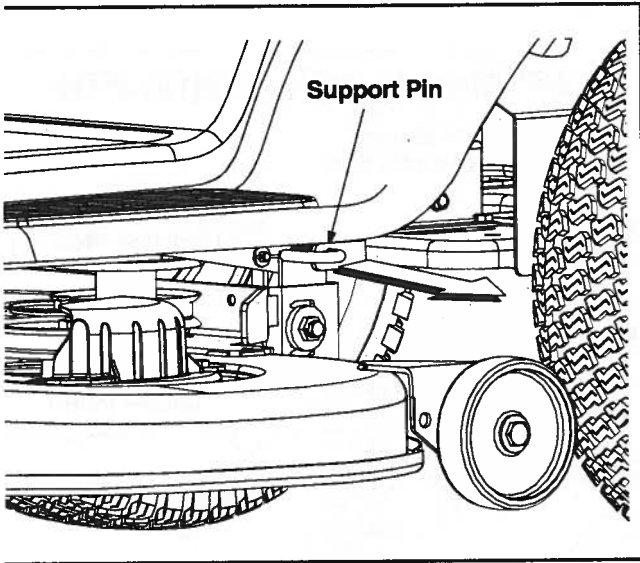


Figure 18

- Rotate the pin slightly toward the rear of the tractor and release the pin into the hole provided.
- Repeat the above steps on the right side of the tractor.
- Move the deck lift lever into the top notch on the right fender to raise the lift arms out of the way.
- Gently slide the cutting deck toward the front of the tractor allowing the hooks on the deck to release themselves from the deck stabilizer rod.
- Gently slide the cutting deck (from the right side) out from underneath the tractor.

Changing the Deck Belt & PTO Belt



WARNING: Be sure to shut the engine off, remove ignition key, disconnect the spark plug wire(s) and ground against the engine to prevent unintended starting before removing the belt(s).

All belts on your tractor are subject to wear and should be replaced if any signs of wear are present.

IMPORTANT: The V-belts found on your tractor are specially designed to engage and disengage safely. A substitute (non-OEM) V-belt can be dangerous by not disengaging completely. For a proper working machine, use factory approved belts.

To change or replace the deck belts on your tractor, proceed as follows:

- Lower the deck by moving the deck lift lever into the bottom notch on the right fender.
- Remove the belt guards by removing the self-tapping screws that fasten them to the deck.
- Grasp the rearmost portion of the PTO idler bracket and pivot it toward the discharge chute to relieve tension on the PTO belt.
- Remove the PTO belt from the engine pulley (or electric PTO clutch) and the PTO idler pulley(s).
- Grasp the deck idler pulley and pivot it toward the left side of the deck to relieve tension on the deck belt.
- Remove the deck belt from around all pulleys, including the deck idler pulley.

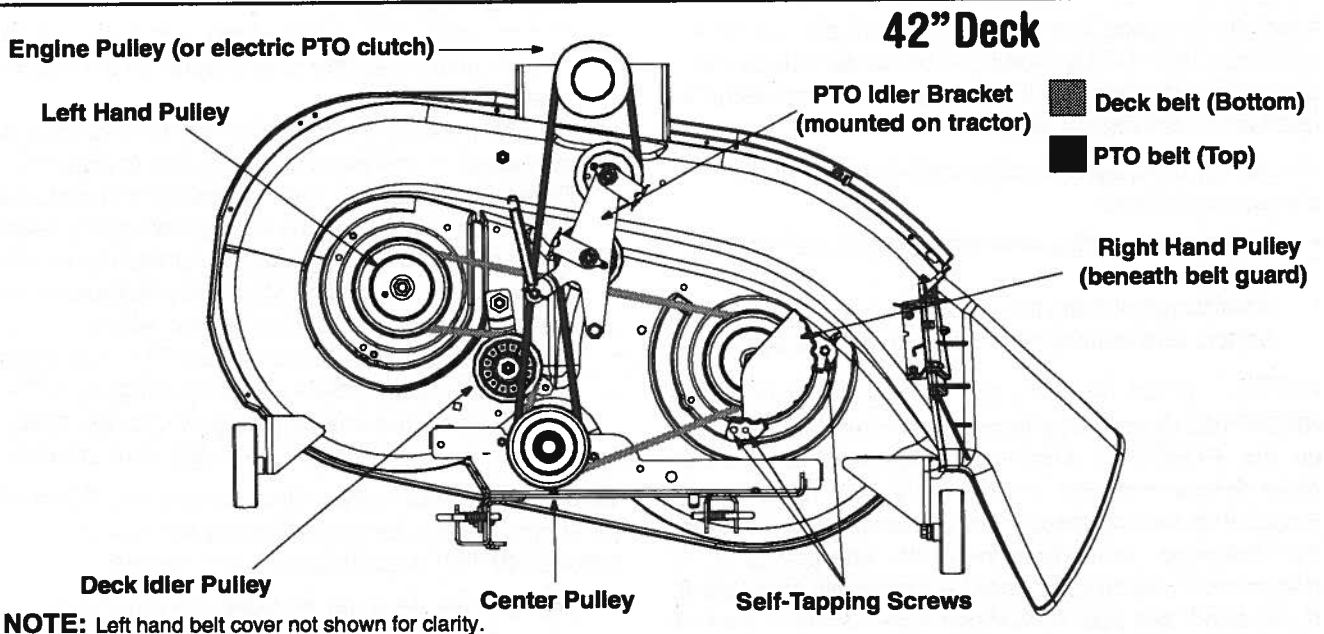
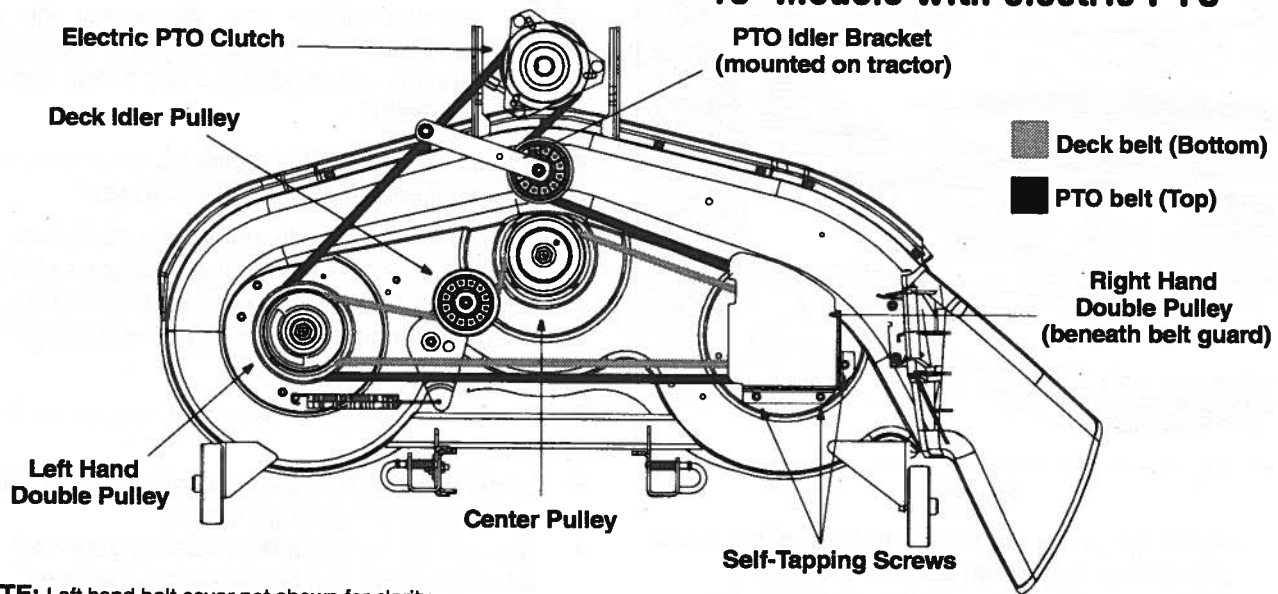


Figure 19

46" Models with electric PTO



NOTE: Left hand belt cover not shown for clarity.

Figure 20

- Route the new belts as shown in Figure 19 and Figure 20.
- Remount the belt guards removed earlier.

Changing The Transmission Drive Belt

All belts on your tractor are subject to wear and should be replaced if any signs of wear are present.

IMPORTANT: The V-belts found on your tractor are specially designed to engage and disengage safely. A substitute (non-OEM) V-belt can be dangerous by not disengaging completely. For a proper working machine, use factory approved belts.

To change or replace the drive belt on your tractor, proceed as follows:

- Remove the cutting deck as instructed earlier in this section.
- After disconnecting the battery cables, remove the battery and battery tray from beneath the seat.

NOTE: When removing the battery, disconnect the **NEGATIVE** (Black) wire from it's terminal first, followed by the **POSITIVE** (Red) wire. Re-install in reverse order. *Proper removal of the drive belt requires the removal of several tractor components. Read through the following procedure prior to attempting it to determine if you feel you could successfully complete it. If you don't, see your authorized dealer to have the belt changed.*

IMPORTANT: Note the routing of the lower drive belt around all the pulleys and the belt keepers (if present) **BEFORE** performing the following steps.

- Locate the fixed v-idler pulley found on the left underside of the frame. See Figure 21.
- Grasp the belt on both sides of the pulley and gently move it toward the left frame rail allowing it to unseat itself from the fixed v-idler. See Figure 21.
- Pivot the double-idler bracket forward slightly before removing the idler extension spring from the stud and the double-idler bracket itself. Do NOT discard the spring.
- Roll the drive belt out from around both the v-idler pulley and the flat idler pulley found on the double-idler bracket.
- Carefully unplug the tractor's wire harness from the connector on the electric PTO clutch (if present).
- Remove the hex bolt from the center of the electric PTO clutch (or the engine pulley) and gently lower it off of the engine crankshaft. Be careful not to lose any washers or spacers which may be found on top of the electric PTO clutch or engine pulley.
- On units equipped with an electric PTO, the engine pulley is located directly above the electric PTO clutch. Lower the engine pulley far enough to be able to remove the upper drive belt from around it.

IMPORTANT: When remounting the electric PTO clutch (or engine pulley), torque the center hex bolt to between 38 foot-pounds and 50 foot-pounds.

- Remove the drive belt by feeding it from front to rear, toward the hydrostatic transmission. See Figure 21.

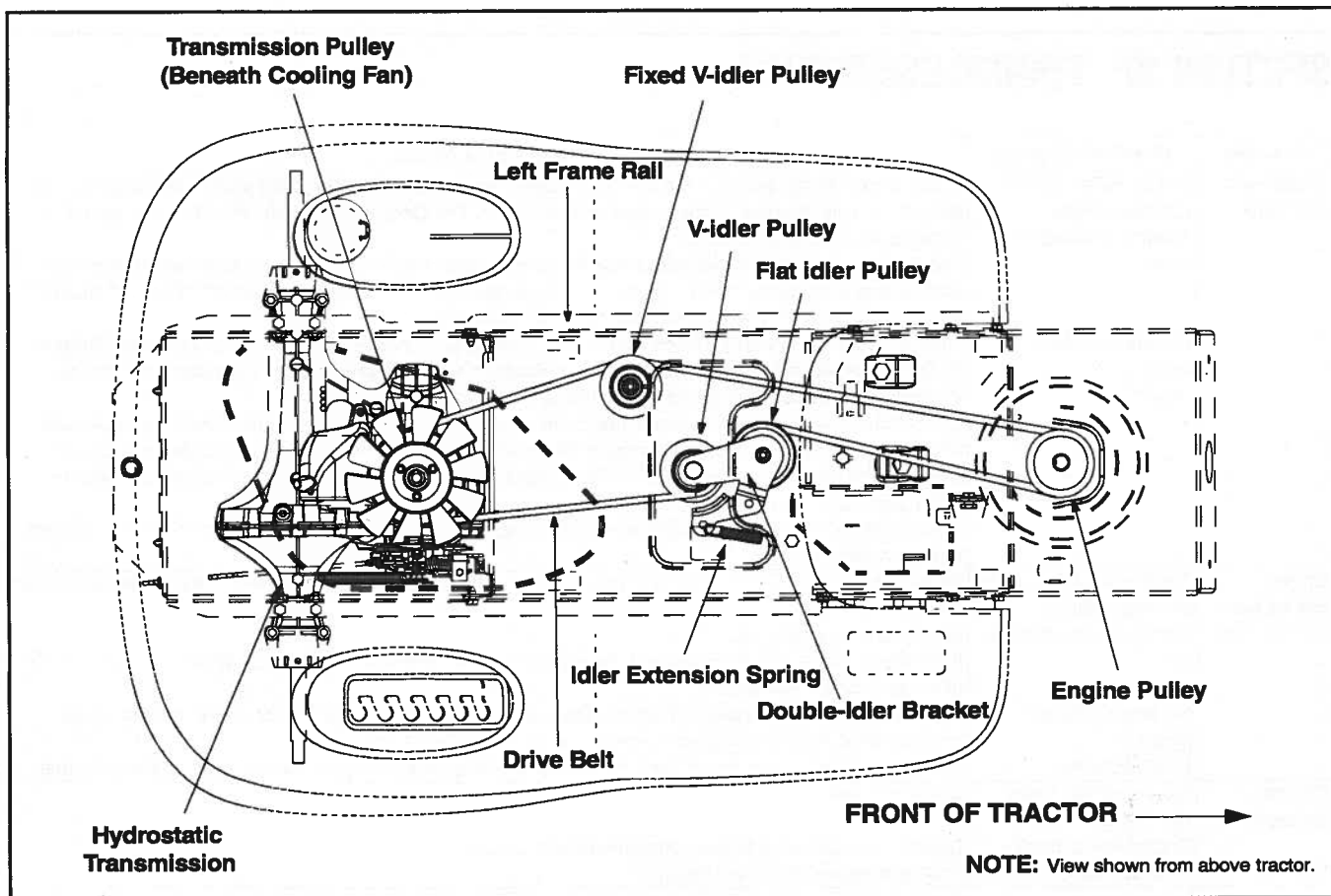


Figure 21

- Continue removing the drive belt by gently lifting it off of the transmission pulley and over the cooling fan.

IMPORTANT: The fins on the cooling fan are only slightly flexible. Be careful not to damage the fan when removing the drive belt from around the transmission pulley.

- Reroute the new belt around the pulleys and belt keepers, if present, **EXACTLY** as the old one was routed. Refer to Figure 21.

Hydrostatic Transmission

The hydrostatic transmission is sealed at the factory and is maintenance free. The fluid level cannot be checked nor can the oil be changed. **Always** keep the area around the transmission cooling fan free of grass and debris at all times.

SECTION 9: OFF-SEASON STORAGE

If the machine is to be inoperative for a period longer than 30 days, prepare for storage as follows.

- Clean the engine and the entire unit thoroughly.
- Lubricate all lubrication points. Wipe the entire machine with an oiled rag to protect the painted metal surfaces.
- Refer to the engine manual for correct engine storage instructions. The engine must be completely drained of fuel to prevent gum deposits from forming on essential carburetor parts, fuel lines and fuel tanks.

- Refer to battery storage instructions.
- Store unit in a clean, dry area.

NOTE: When storing any type of power equipment in an unventilated or metal storage shed, care should be taken to rustproof the equipment. Using a light oil or silicone, coat the equipment, especially any chains springs, bearings and cables.

SECTION 10: TROUBLESHOOTING

Trouble	Possible Cause(s)	Corrective Action
Engine will not crank	Safety switch button not depressed. Battery installed incorrectly. Battery is dead or weak. Blown fuse	There is one safety switch in the starting circuit of your unit: the brake pedal switch. Make certain the actuator is fully depressing the button on this switch. The Operator must be seated on the tractor in order to start the engine, also. The battery must be installed with negative terminal attached to black ground wire. Negative terminal is identified at the post by "NEG", "N" or "-". The positive terminal, identified by "POS", "P" or "+", must be attached to the thick red wire which goes to the solenoid. Charge at six amps with a 12-volt automotive-type battery charger for one hour or until fully charged. Refer to operator's manual for fuse location. Replace fuse with automotive type fuse of the proper amperage. Fuses seldom fail without a reason. The problem must be corrected. Check for loose connections in the fuse holder. Replace fuse holder if necessary. A dead short may be in the cranking or charging circuit where the insulation may have rubbed through and exposed the bare wire. Replace the wire or repair with electrician's tape if the wire strands have not been damaged. Note: Look for a wire pinched between body panels, burned by the exhaust pipe or muffler or rubbed against a moving part.
Engine cranks but will not start	Throttle or choke not in starting position. No fuel to the carburetor. No spark to spark plug(s). Dirty air cleaner.	Refer to the OPERATION section of this manual for the correct position of the throttle control and choke for starting. Gasoline tank empty. Fill. Fuel line or in-line fuel filter plugged. Remove and clean fuel line. Replace fuel filter (if so equipped) if necessary. Spark plug lead disconnected. Connect lead. Using a spark tester, check for spark. If no spark is present, have engine's magneto serviced by an authorized engine dealer. If the air cleaner is dirty, the engine may not start. Refer to the engine manual packed with your unit.
Engine smokes	Engine oil has been overfilled. Engine loses crank-case vacuum.	Check oil level. Dipstick not seated or broken. Replace defective part. Engine breather defective. Replace.
Excessive vibration	Bent blade or damaged pulley.	Stop engine immediately. Check all pulleys, blade adapters, keys and bolts for tightness and spindle damage. Tighten or replace any loose or damaged parts. Always replace damaged blade. Only use original equipment blades.
Mower won't discharge grass or leaves uncut strips	Engine speed low. Speed selection. Cutting height set too low. Blades dull.	Throttle must be set at full throttle. Use lower ground speed. The slower your ground speed, the better the quality of cut. Raise deck. Sharpen or replace blades (uncut strip problem only).

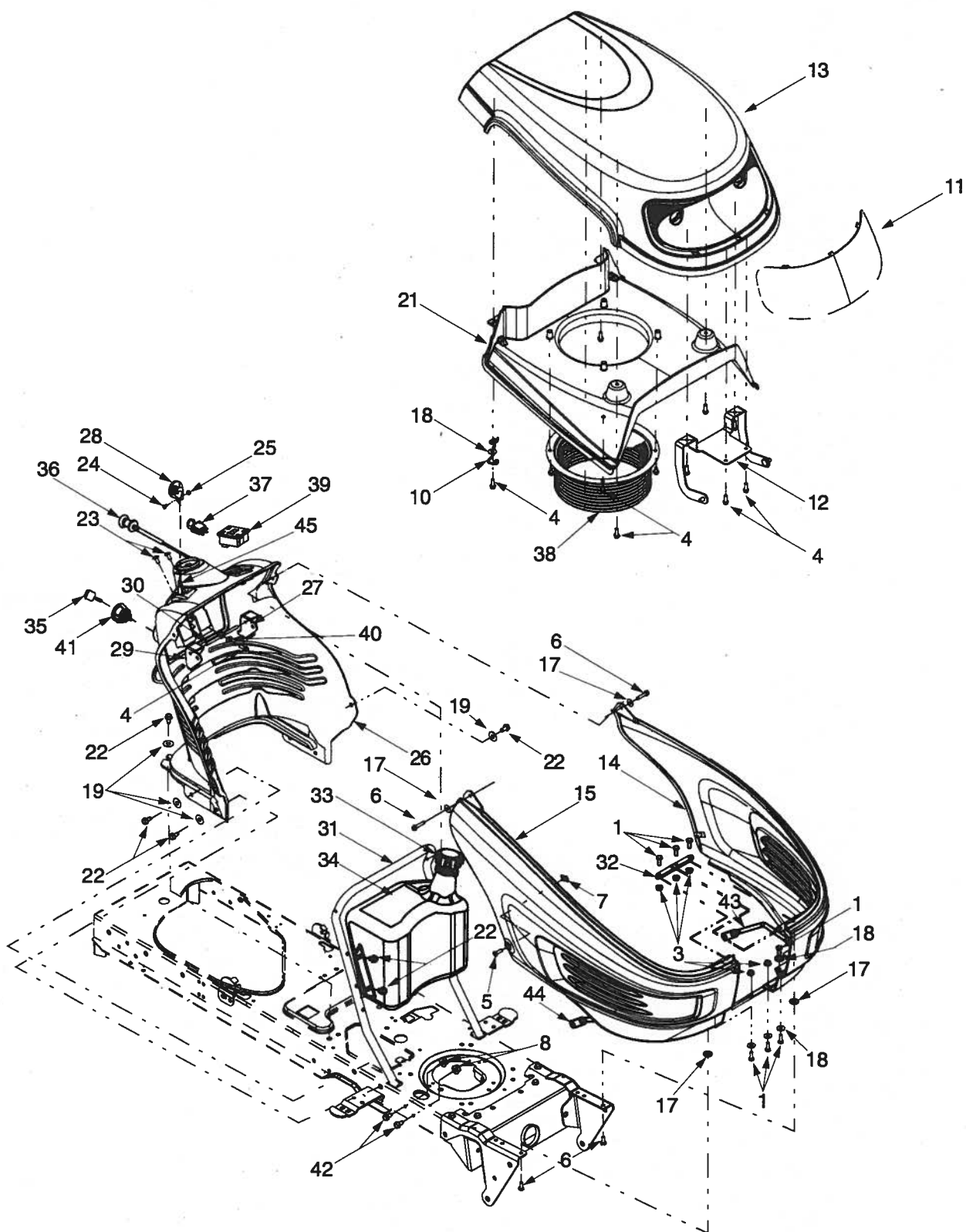
SECTION 11: ATTACHMENTS & ACCESSORIES

The following attachments and accessories are compatible for your lawn tractor. See the your *authorized* dealer for information regarding price and availability.

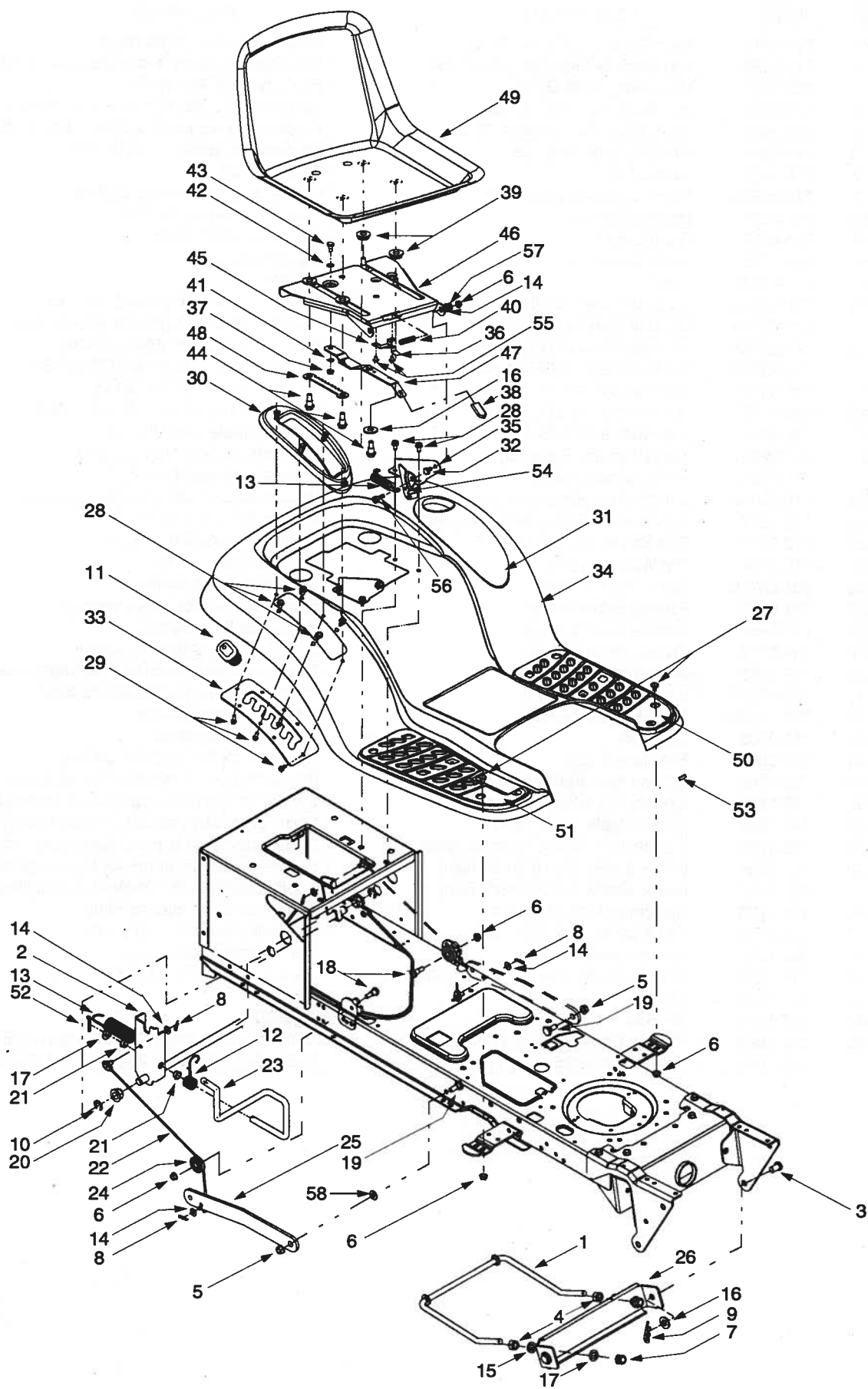
NOTE: Your Lawn tractor is *NOT* designed for use with any type of ground-engaging attachments (e.g. tiller or plow). Use of this type of equipment *WILL* void the tractor's warranty.

MODEL	DESCRIPTION
OEM190-601	Twin Bagger Grass Collector
OEM-190-602	Twin Bagger Grass Collector
OEM-190-112	Mulch Kit (For 42-inch Decks Only)
OEM-190-118	Mulch Kit (For 46-inch Decks Only)
OEM-190-603	FastAttach™ Grille Guard (mounts on front of tractor)
OEM-190-604	TracPac™ Storage Container (mounts on rear of tractor)
OEM-190-822	FastAttach™ 46-inch Front Dozer Blade
OEM-190-823	42-inch Two-stage Snow Thrower

NOTES



REF NO. N° DE RÉF	PART NO. N° DE PIÈCE	DESCRIPTION	DESCRIPTION
1	710-3015	Hex Cap Bolt 1/4-20 x .75" Lg.	Boulon 1/4-20 x .75 po de lg.
2	710-0599	Hex Wash S-Tapp Scr 1/4-20 x .50	Vis autotaraudeuse à rondelle hex. de 1/4-20 x 0,5
3	712-3027	Hex L-Nut 1/4-20 Gr."F"	Écrou hex 1/4-20 Qté "F"
4	710-0895	Hex Tapp Scr 1/4 X .75" Lg.	Vis taraudée à tête hex de 1/4 X .75 po de lg
5	710-0924	Truss Mach Scr 1/4-20 X .75" Lg.	Vis de renforcement à usinée 1/4-20 X .75 po de lg
6	710-0642	Hex Bolt 5/16-18 X 1.25	Boulon hexagonale 5/16-18 X 1.25
7	712-0292	Speed Nut	Écrou rapide
8	712-3004A	Hex Flange L-Nut 5/16-18	Contre-écrou à embase 5/16-18
10	747-2127	Hood Latch Rod	Tige de fermeture du capot
11	731-2286	Head Light Lens	Bloc-optique du phare
12	683-0305	Hood Bracket Assembly	Support du capot
13	731-2283A	Hood	Capot
14	731-2327A	LH Side Panel (WHITE)	Panneau latéral de gauche (WHITE)
	731-2308A	LH Side Panel (COLUMBIA)	Panneau latéral de gauche (COLUMBIA)
15	731-2328A	RH Side Panel (WHITE)	Panneau latéral de droite (WHITE)
	731-2307A	RH Side Panel (COLUMBIA)	Panneau latéral de droite (COLUMBIA)
17	736-0342	Fiat Washer .28 ID x .75 OD	Rondelle plate .28 DI x .75 DE
18	736-0173	Fiat Washer .28 ID x .74 OD x .063	Rondelle frein .28 DI X .74 DE X .063
19	736-3078	Fiat Washer .344 ID x 1.0	Rondelle plate .344 DI x 1.0
21	731-2284	Hood Plenum- Burgundy	Chambre de capot -bourgogne
	731-2358	Hood Plenum- Black	Chambre de capot - noir
22	710-0604A	Self-tapping Screw 5/16-18 x .625	Vis autotaraudeuse 5/16-18 x 0,625 po
23	710-1017	Torx Mach. AB-Tapp Scr. 1/4 X .62" Lg.	Vis torx AB 1/4 X .62 po de lg
24	710-3217	Torx Screw, #8-32 x .375	Vis Torx no 8-32 x 0,375 po
25	712-0142	Fiat Washer 1/4" ID	Rondelle plate 1/4 DI
26	731-0071C	Dash Panel, 4-style	Tableau de bord, style 4
27	731-0072	Parking Brake Button	Bouton du frein de stationnement
28	731-1857	Throttle Control Knob	Bouton de l'obturateur
29	731-2106	Cruise Control Button	Bouton du regulateur de vitesse
30	747-1155	Brake/Cruise Pivot Rod	Tige de pivotement du frein/regulateur de vitesse
31	749-1087A	Dash Support Tube	Tube de soutien du tableau de bord
32	783-1000A	Grille Support Bracket	Support de la calandre
33	751-0603	Cap-Fuel	Capuchon d'essence
34	751-0658C	Fuel Tank 3 gal.	Reservoir de carburant (3 gallons)
35	725-1745	Ignition Key w/plastic cover	Clé de contact et capuchon en plastique
35	725-1744	Ignition Key w/o plastic cover	Clé de contact sans capuchon en plastique
36	746-1085	Choke Cable (Intek Twin)	Câble du volet de départ (moteur Intek bicylindre)
37	725-1752	Electric PTO Switch (if so equipped)	Commutateur de la p.d.f. électrique(le cas échéant)
38	731-2234	Intake Bellow (19 HP Intek Twin)	Soufflet d'admission (motor Intek bicylindre, 19 HP)
	731-2232	Intake Bellow (17 HP Intek Twin)	Soufflet d'admission (motor Intek bicylindre, 17 HP)
39	725-1976	System Indicator Monitor	Indicateur de fonctionnement
40	736-0142	Fiat Washer .28 x .50 x .063	Rondelle plate .28 x .50 x .063
41	725-1741	Ignition Switch	Commutateur d'allumage
42	710-1238	Hex Hd. Wash. Scr. 5/16-19 x .875 Gr. 5	Vis à tête hex 5/16-18 x .875 Qté 5
43	747-1303	LH Rod	Tige CG
44	747-1304	RH Rod	Tige CD
45	746-1086	Throttle Cable 39" Lg. (19 HP)	Câble de l'obturateur 39 po de lg (19 HP)
	746-1084	Throttle Cable 25" Lg. (17 HP)	Câble de l'obturateur 25 po de lg (17 HP)



REF NO. N° DE RÉF	PART NO. N° DE PIÈCE	DESCRIPTION	DESCRIPTION
1	747-1130B	Deck Stabilizer Rod	Tige de stabilisation du plateau de coupe
2	683-0197B	Lift Shaft Assembly	Arbre de relevage
3	711-0332	Lift Brkt. Pin	Goupille de support de relevage
4	712-0206	Hex Nut 1/2-13	Écrou hexagonal 1/2-13
5	712-0431	Flanged Lock Nut	Écrou de blocage
6	712-3004A	Hex Flange L-Nut 5/16-18	Contre-écrou à embase 5/16-18
7	712-3083	Hex Nut, 1/2-13	Écrou à six pans de 1/2-13
8	714-0104	Int. Cotter Pin 5/16 DIA	Goupille fendue 5/16 DIA.
9	714-0145	Hairpin Cotter	Goupille fendue
10	716-0106	E-ring	Bague en «E»
11	720-0311	Handle Grip	Poignée
12	732-0874	Torsion Spring	Ressort de torsion
13	732-1184	Extension Spring, .84 x 4.6 (Found on units w/ 46" decks only)	Ressort d'extension .84 x 4.6 (sur les modèles à Plateau de coupe de 46 po seulement)
14	736-0275	Flat Washer .34 ID X .68 OD X .062	Rondelle plate .34 DI X .68 DE X .062
15	736-0921	L-Washer 1/2" ID	Rondelle frein 1/2 DI
16	736-3019	Flat Washer .531 ID x 1.0 OD	Rondelle plate .531 DI x 1.0 DE
17	736-3084	Fl. Washer .510 x 1.120 x .060	Rondelle frein .510 x 1.120 x .060
18	738-0138A	Shoulder Scr. .437 Dia X .47	Vis à épaulement .437 Dia X .47
19	738-0143	Shld. Scr. .500 Dia. X .335" Lg.	Vis à épaulement dia. .500 po X .335 po de lg.
20	741-0225	Hex Flange Bearing .630 ID	Roulement à bride hex de .630 DI
21	741-0715	Snap Flange Bearing	Palier à collet lastique
22	746-0968	Lift Cable, 16.16 (42")	Câble de relevage, 16,16 (42")
	746-1144	Lift Cable, 15.62 (46")	Câble de relevage, 15,62 (46")
23	747-1111B	Lift Handle	Poignée de relevage
24	756-1154	Roller Pulley	Poulie à rouleau
25	783-0678A	Arm Lift	Bras de relevage
26	783-0720A	Deck Stabilizer Bracket	Support de stabilisation du plateau de coupe
27	710-0260A	Carriage Bolt 5/16 X 18 X .62" Lg.	Boulon ordinaire 5/16 X 18 X .62 po de lg
28	710-0604A	Pan Phil. TT Scr. 5/16-18 x .75" Lg.	Vis taraudée de 5/16-18 x .75 po de lg
29	710-0895	Hex Tapp Scr 1/4 X .75" Lg.	Vis taraudée à tête hex de 1/4 X .75 po de lg
30	731-1990	Lift Lever Cover	Gaine de la manette de relevage
31	731-2104B	Shift Lever Cover w/Cup Holder	Gaine de la manette de relevage et porte-boisson
32	736-3078	Flat Washer .349 ID X 1.0 OD X .63	Rondelle plate .349 DI X 1.0 DE X .63
33	783-0677	Lift Adjustment Bracket	Support de réglage du relevage
34	783-1279	Fender	Garde-boue
35	783-1489	Seat Mounting Bracket	Support de montage de siège
36	783-0611	Seat Stop	Arrêt siège
37	712-3027	Hex L-Flanged Nut	Contre-écrou à embase
38	720-0309A	Seat Adjuster Grip	Poignée de réglage du siège
39	731-1989	Spacer	Rondelle d'espacement
40	732-0499	Compression Spring 1.5" Lg	Ressort de compression 1.5 po de lg
41	736-0175	Wave Spring Washer .27 ID X .51 OD X .03	Rondelle à ressort .27 DI X .51 DE X .030
42	736-0204	Flat Washer .34 ID X .62 OD X .03	Rondelle plate .34 DI X .62 DE X .03
43	738-0137A	Shoulder Screw .340 x .285: 1/4-20	Vis à épaulement .340 x .285, 1/4-20
44	738-1007	Shoulder Screw .50 x .50, 3/8-16	Vis à épaulement, 0,50x0,50, 3/8-16
45	783-0611	Seat Stop	Arrêt siège
46	783-0738	Seat Pivot Bracket	Support de pivotement du siège
47	783-0739	Seat Adjustment Lever	Manette de réglage du siège
48	783-0753	Seat Adjustment Selector	Sélecteur de réglage du siège
49	757-0365A	Seat, Radiant Yellow, Medium Back	Siège, jaune vif, dossier moyen
	757-0380	Seat, Radiant Black, Medium Back	Siège, noir vif, dossier moyen
	757-0372	Seat, Radiant Yellow, High Back w/holes	Siège, jaune vif, haut dossier et ouvertures
50	735-0657	LH Foot Pad	Pédale gauche
51	726-3046	Foot Pad Clips (Not Shown)	Attaches de pédale (non représentées)
51	735-0656	RH Foot Pad	Pédale droite
52	714-0111	Cotter Pin 3/32 dia X 1.00 Lg.	Goupille fendue 3/32 Dia X 1.00 po de lg.
53	731-0511	Trim Strip	Maguette de garniture
54	783-0209A	Seat Lift Bracket	Support de relevage
55	710-1268	Screw #10-16 x .375	Vis no. 10-16 x .375
56	738-0296	Shld. Scr. .437 x .286	Visi à épaulement .437 x .286
57	726-0201	Speed Nut	Écrou rapide
58	736-0160	Flat Washer .53 X .93 X .050	Rondelle plate .53 X .93 X .050

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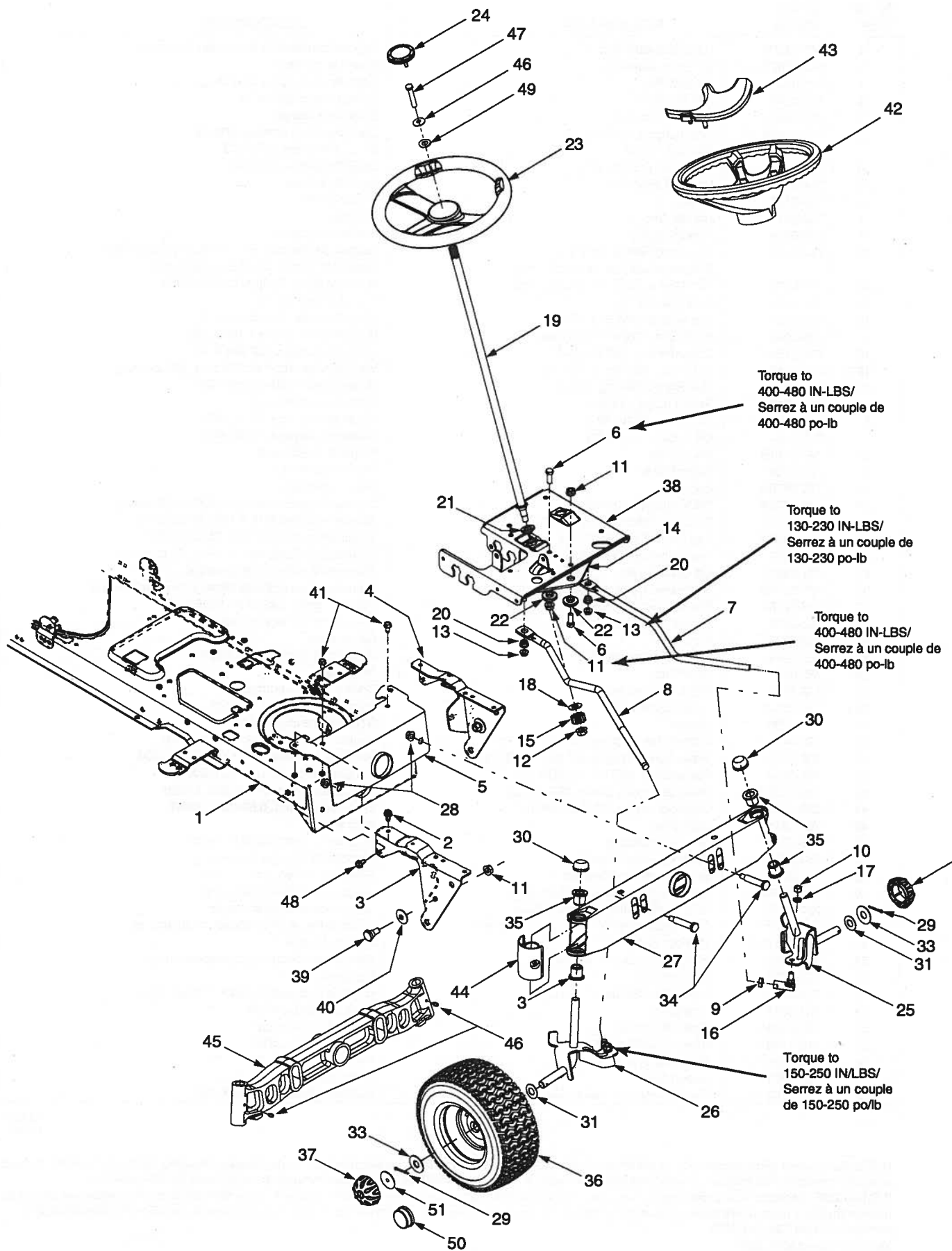
NOTE: For painted parts, please refer to the list of color codes below. Please add the applicable color code, wherever needed, to the part number to order a replacement part. For instance, if a part numbered 700-xxxx is painted Yard-Man Green, the part number to order would be 700-xxxx-0665.

REMARQUE: Consultez la liste des codes de couleur ci-dessous pour les pièces peintes. Veuillez ajouter le code de couleur correspondant, au besoin, au numéro de pièce pour commander la pièce de rechange. Par exemple, si la pièce 700-xxxx est peinte en vert Yard-Man, le numéro de pièce utilisé pour commander sera 700-xxxx-0665.

Yard-Man Green/Vert: 0665

Yard-Man Yellow/Jaune: -0674

Powder Black/Noir poudré: 0637



REF NO. N° DE RÉF	PART NO. N° DE PIÈCE	DESCRIPTION	DESCRIPTION
1	683-0304A	Lower Frame Assembly	Chassis inférieur
3	783-0726B	RH Pivot Support Bracket	Support de pivot droit
4	783-0727A	LH Pivot Support Bracket	Support de pivot gauche
5	783-0728	Pivot Bar Bracket	Support de la barre de pivotement
6	710-0723	Hex Screw 3/8-16 X 1.25	Vis à tête hexagonale 3/8-16 X 1.25
7	711-1408	RH Drag Link	Tige d'entraînement de droite
8	711-1655	LH Drag Link	Tige d'entraînement de gauche
9	712-0240	Hex Jam Nut 7/16-20	Contre-écrou hexagonal 7/16-20
10	712-0241	Hex Nut 3/8-24	Écrou hexagonal 3/8-24
11	712-0431	Flanged Lock Nut	Contre-écrou à embase 3/8-16
12	712-0459	Flange Lock Nut, 7/16-20	Contre-écrou à embase 7/16-20
13	712-3004A	Hex Flange L-Nut 5/16-18	Contre-écrou à embase 5/16-18
14	717-1550D	Steering Gear, 11/90 Ratio	Boîtier de direction, rapport de 11/90
15	717-1554	Steering Pinion Gear	Pignon de direction
16	723-0448A	Ball Joint, 7/16 - 20	Joint à rotule de 7/16 - 20
17	736-0169	L-Wash 3/8 ID	Rondelle 3/8 DI, Large
18	736-3084	Fl. Washer .510 x 1.120 x .060	Rondelle frein .510 x 1.120 x .060
19	738-1001A	Steering Shaft, .625 OD x 24.4	Arbre de direction de 0,625 po de D.E. x 24,4 po
20	741-0475	Plastic Bushing .380 ID	Manchon en plastique de 0,38 po de D.I.
21	741-0656	Hex Flange Bearing, 5/8	Palier à collet hex. de 5/8 po
22	738-0372B	Shoulder Spacer	Entretoise épaulée
23	731-2624	Steering Wheel (Soft touch)	Volant
24	731-2625	Steering Wheel Cap w/icon	Capuchon du volant
25	638-0019A	LH Axle Assembly, .625 Dia. †	Essieu de gauche, diamètre de 0,625 po †
25	638-0021	LH Axle Assembly, .625 / .750 Dia. ††	Essieu de gauche, diamètre de 0,625po/0,750 po ††
25	638-0017	LH Axle Assembly, .625 / .750 Dia. †††	Essieu de gauche, diamètre de 0,625po/0,750 po †††
26	638-0020A	RH Axle Assembly, .625 Dia. †	Essieu de droite, diamètre de 0.625 po †
26	638-0022	RH Axle Assembly, .625 / .750 Dia. ††	Essieu de droite, diamètre de 0,625 po/750 po ††
26	638-0018	RH Axle Assembly, .750 Dia. †††	Essieu de droite, diamètre de .750 po †††
27	683-0128A	Cast Iron Pivot Bar (w/fittings)	Barre de pivotement en fonte (avec raccord)
28	712-0431	Flanged Lock Nut	Écrou de blocage
29	714-0162	Cotter Pin 5/32 X 1.25	Goupille fendue 5/32 X 1.25
30	726-0214	Push Cap 5/8" Dia Rod	Chapeau à enfoncer dia 5/8 po
30	726-0341	Push Cap, .750	Capuchon, 0,750 po
31	736-0162	Flat Washer .635 ID X 1.00 OD X .120	Rondelle plate .635 DI X 1.00 DE X .120
33	736-0285	Flat Washer .635 ID X 1.589 OD X .062	Rondelle plate .635 DI X 1.589 DE X .062
34	738-1011	Shoulder Screw, .5 x 2.2, 3/8-16	Vis à épaulement, 0,5 x 2,2, 3/8-16
35	741-0659	Flange Bearing, .632 ID x .937 OD †(42")	Palier à collet, 0,632 po de D.I. x 0,937 po de D.E. † (avec 42 po)
	741-0660	Flange Bearing, .76 ID x .937 OD †† (46")	Palier à collet, 0,76 po de D.I. x 0,937 po de D.E. †† (avec 46 po)
36	734-0255	Air Valve (not shown)	Soupape de gonflage (non illustrée)
	634-0115	Wheel Ass'y Complete 15 x 6.0 w/BB	Roue au complet, 15 x 6.0 avec roulement à billes
	634-0105A	Wheel Ass'y Complete 16 x 6.5 x 8	Roue au complet, 16 x 6.5 x 8
	634-0172	Rim Only (w/plastic brg)	Jante seulement (avec collet en plastique)
	634-0051	Rim Only (w/ball brg)	Jante seulement (avec roulement à billes)
	734-1731	Tire Only, Square Shoulder	Pneu seulement, épaulement carré
	741-0487A	Plastic Flange Brg. (not shown)	Roulement (non illustrée)
	741-0706	Plastic Flange Brg. (w/fitting)(not shown)	Roulement (avec raccord)(non illustrée)
	741-0569	Ball bearing	Roulement à billes
37	731-2290A	Hub Cap	Enjoliveur
38	783-0653D	Steering Support Bracket	Support de direction
39	738-0143	Shld. Scr. .500 Dia. X .335" Lg.	Vis à épaulement dia. .500 po X .335 po de lg.
40	736-0331	Bell. Washer .39 ID x 1.12 OD 12 OD	Rondelle Bell. .39 DI X 1.12 DE
41	710-1260A	Self Tapping Screw 5/16-18 x .75	Vis autotaraudeuse 5/16-18 x .75
42	731-01869	Steering Wheel	Volant
43	731-1904	Steering Wheel Cap	Capuchon de volant
44	683-0128A	Pivot Bar	Barre de pivotement
44	731-1291A	Pivot Bar End Cap	Capuchon d'extrémité de la barre pivotement
45	719-0525B	Cast Iron Pivot Bar (.750 dia)	Barre de pivotement en font .750 dia)
	719-0399B	Cast Iron Pivot Bar (.625 dia)	Barre de pivotement en font (.625 dia)
46	736-0242	Belleville Washer	Rondelle Belleville
47	710-0643	Hex Screw 5/16-18 x 1.00 (Special)	Vis à tête hex. 5/16-18 x 1.00 Spéciale
48	710-1238	Hex. Wash. Hd. 5/16-18 x .875 Gr. 5	Vis taraudée 5/16-18 x .875 Qté 5
49	736-3004	Flat Washer .406 X .875 X .105	Rondelle plate .406 X .875 X .105
50	731-0484A	Hub Cap	Enjoliveur
51	736-0430	Flat Washer .350 X 1.59 X .062	Rondelle plate .350 X 1.59 X .062

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† Models equipped with 42" decks/modèles avec plateau de coupe de 42 po
†† Models equipped with 46" decks/modèles avec plateau de coupe de 46 po
††† Models equipped with 50" decks/modèles avec plateau de coupe de 50 po

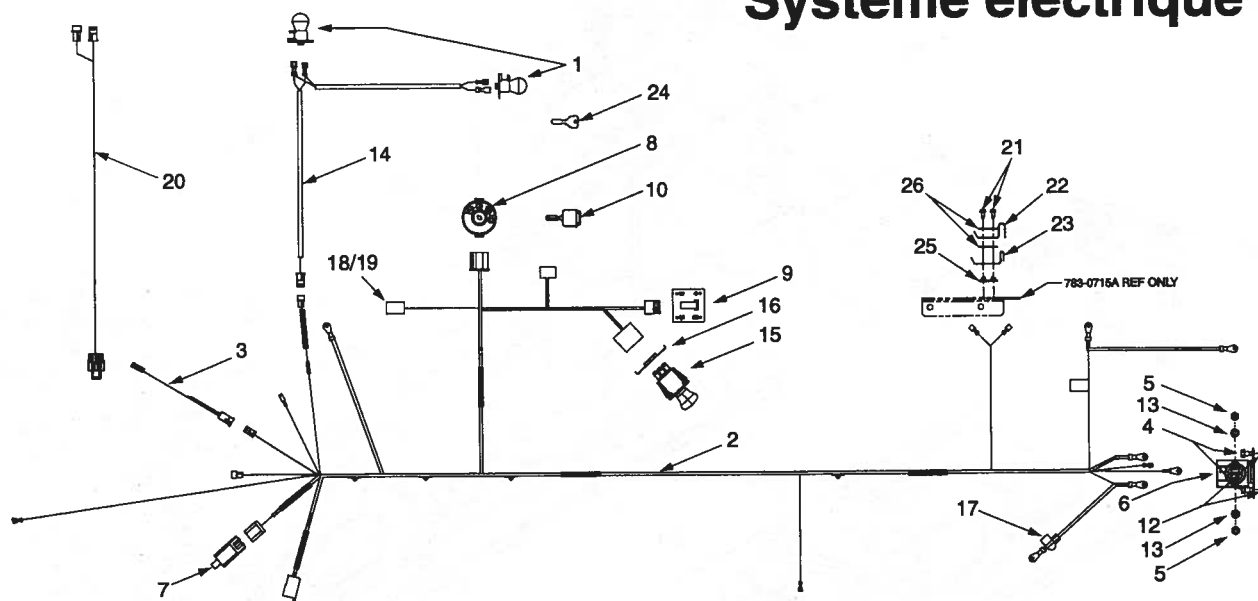
REF NO. N° DE RÉF	PART NO. N° DE PIÈCE	DESCRIPTION	DESCRIPTION
1	17840	Transaxle Mtg. Brkt.	Support de montage de la transaxle
2	618-0319	Hydrostatic Transmission	Transmission hydrostatique
3	629-0949A	Reverse Wire Harness Adapter & Ground	Adaptateur, fil de faisceau
4	783-0780A	Neutral Return Bracket	Support de retour au point mort
5	683-0251	Double-idler Bracket	Support de la poulie de tension double
6	710-0176	Hex Scr 5/16-18 X 2.75	Vis à tête hexagonale 5/16 X 2.75
7	710-0227	Hex Wash HD AB S-Tapp Scr #8-.50	Vis taraudée n° 8 X .50
8	710-0344	Hex Scr 3/8-16 X 1.50	Vis à tête hexagonale 3/8-16 X 1.50
9	710-0604A	Self-tapping Screw 5/16-18 x .625	Vis autotaraudeuse 5/16-18 x 0,625 po
10	710-0653	Hex Wash HD Tapp Scr 1/4-20 X .38	Vis auto-taraudeuse hexagonale 1/4-20 X .38
11	710-3007	Hex Tap Scr #12 x .375	Vis autotaraudeuse n° 12 x .375
12	710-3011	Hex Bolt 3/8-16 x 2.25" Lg.	Boulon hex. 3/8-16 x 2.25 po de lg.
13	710-3103	Hex Hd Cap Scr. 5/16-18 x 2.0 Gr. 5	Vis à tête hex. 5/16-18 x 2.0 Qté 5
14	711-0677	Adjustment Ferrule	Virole de réglage
15	711-0832	Adjustment Ferrule 3/8-24	Virole 3/8-24
16	712-0333	Hex Nut 1/2-20	Écrou hexagonal 1/2-20
17	712-0431	Flanged Lock Nut	Écrou de blocage
18	712-3004A	Hex Flange L-Nut 5/16-18	Contre-écrou à embase 5/16-18
19	712-3010	Hex Nut 5/16-18 hd. (Gr. 5)	Écrou hexagonal 5/16-18 Qté 5
20	712-3017	Hex Nut 3/8-16	Écrou hexagonal 3/8-16
21	714-0104	Int. Cotter Pin 5/16 DIA	Goupille fendue 5/16 DIA.
22	714-0111	Cotter Pin 3/32 dia X 1.00 Lg.	Goupille fendue 3/32 Dia X 1.00 po de lg.
23	725-0157	Cable Tie	Attache câble
24	725-1644	Short Spring Switch	Commutateur à ressort court
25	726-0320	Insulator Nut Plate	Plaque de l'isolateur
26	731-1449A	Fan	Ventilateur
27	732-0209	Extension Spring .47 OD X 2.03 Lg.	Ressort d'extension .47 DE X 2.03 po de lg
28	732-0716	Ext. Spring 4.01" Lg.	Ressort d'extension 4.01 po de lg
29	732-0729	Wire Ring	Bague
30	732-0429A	Tension Spring .50 OD X 3.97" Lg.	Ressort de tension .50 DE X 3.97 po de lg
31	732-0994	Extension Spring .75 x 5.39	Ressort d'extension .75 x 5.39
32	732-3118	Extension Spring 3/8 x 1.44	Ressort d'extension 3/8 x 1.44
33	736-0140	Flat Washer .385 ID X .62 OD X .06	Rondelle frein .385 DI X .62 DE X .06
34	736-0142	Flat Washer .281 ID .50 OD X .063	Rondelle plate .281 DI X .50 DE X .063
35	736-0169	L-Wash 3/8 ID	Rondelle 3/8 DI, Large
36	736-0275	Flat Washer .34 ID X .68 OD X .062	Rondelle plate .34 DI X .68 DE X .062
37	736-0921	L-Washer 1/2" ID	Rondelle frein 1/2 DI
38	736-3010	Flat Washer .406 ID x .812 OD x .134	Rondelle plate .406 DI x .812 DE x .134
39	738-0372B	Shoulder Spacer	Entretoise épaulée
40	747-1149	Hydrostatic Bypass Rod	Tige de la soupape hydrostatique
41	747-1150	Hydrostatic Brake Rod	Tige de frein hydrostatique
42	747-1151	Hydrostatic Control Rod	Tige de la commande hydrostatique
43	750-0535	Spacer .380 ID X .625 OD X .227	Entretoise .380 DI X .625 DE X .227
44	754-0349	V-Belt	Courroie
45	756-0116	"V" Belt Idler	Tendeur de la courroie trapezodale
46	756-0981A	Flat Idler Pulley 2.75" OD	Poulie tendeur 2.75 DE
47	756-1166	Input Pulley 5.0	Poulie 5.0
48	783-0810	Transmission Torque Bracket	Support
49	783-1019	Switch Actuator Bracket	Support de la régulateur d'interrupteur
50	647-0031	Brake Control Assembly	Ensemble du frein
51	647-0049	Drive Control Assembly	Commande de l'entraînement
52	683-0267C	Hydro Pedal Assembly	Pédale
53	710-0650	Hex Wash Taptite 5/16-18 X .88	Vis taraudée 5/16-18 X .88
54	710-1260A	Self-tapping Screw, 5/16-18 x .750	Vis autotaraudeuse de 5/16 - 18 x 0,750 po
55	711-0736	Adjustment ferrule	Virole de réglage
56	711-1363	Pin, 3/8-16 x 2.43	Goupille de 3/8 po-16 x 2,43 po
57	732-0437	Compression Spring	Ressort de compression
58	732-0955	Extension Spring, .50 OD x 1.41	Ressort d'extension de 0,50 po de D.E. x 1,41 po
59	732-0963	Extension Spring, .50 Dia. x 6.37	Ressort d'extension, diamètre de 0,50 po x 6,37 po
60	735-0662	AutoDrive Pedal Pad	Tampon de la pédale AutoDrive
61	735-3049	Brake Pedal Pad	Tampon de la pédale de frein
62	736-0133	Flat Washer .406 ID X 1.25 OD X .10	Rondelle plate .406 DI X 1.25 DE X .10
63	736-0187	Flat Washer .640 ID X 1.24 OD X .06	Rondelle plate .640 DI X 1.24 DE X .06
64	736-0204	Flat Washer .34 ID X .62 OD X .03	Rondelle plate .34 DI X .62 DE X .03
65	736-3004	Flat Washer .406 ID x .875 OD x .105	Rondelle plate .406 DI x .875 DE x .105
66	738-0155	Shoulder Screw .437 dia. X .162 Lg.	Vis à épaulement .437 dia X .162 po de lg

Continued on next page/Suite à la page prochaine

REF NO. N° DE RÉF	PART NO. N° DE PIÈCE	DESCRIPTION	DESCRIPTION
67	738-0507B	Shoulder Screw .50 Dia.	Vis à épaulement .50 Dia.
68	741-0225	Hex Flange Bearing .630 ID	Roulement à bride hex de .630 DI
69	741-3065B	Split Hex Flange Bearing	Palier à collet hex. fendu
70	747-1137	Cruise Control Rod	Tige du régulateur de croisière
71	747-1138	Brake Lock Control Rod	Tige de blocage du frein
72	748-0413	Cruise Latch	Loquet du régulateur de vitesse
73	736-3008	Flat Washer .312 ID x .75 OD	Rondelle plate .312 DI x .75 DE
74	783-0653D	Steering Support Bracket	Support de direction
75	783-0663C	Drive Lockout Bracket	Support
76	783-0773	Brake Pedal	Pedale de frein
77	634-0177	Wheel Assembly Complete, 20 x 10 x 8	Roue au complet, 20 x 10 x 8 po
77	634-0104	Wheel Assembly Complete, 20 x 8 x 8	Roue au complet, 20 x 8 x 8 po
77	634-0070	Rim Only	Jante seulement
77	734-0255	Air Valve (Not Shown)	Soupape a air (non representee)
77	734-1873	Tire Only, 20 x 10 x 8, Square Shoulder	Pneu seulement, 20 x 10 x 8 po, épaulement carre
77	734-1730	Tire Only, 20 x 8 x 8, Square Shoulder	Pneu seulement, 20 x 8 x 8 po,épaulement carre
78	734-2290A	Hub Cap	Enjoliveur
79	736-0430	Flat Washer, .350 x 1.59 x .062	Rondelle plate de 0,350 x 1,59 x 0,062 po
80	736-0242	Bell. Washer .345 ID X .88 OD X .06	Rondelle Bell..345 DI X .88 DE X .060
81	710-0627	Hex L-Bolt 5/16-24 X .75	Boulon hex 5/16-24 X .75
82	756-0978A	Engine Pulley (w/electric PTO)	Poulie motrice (pour p.d.f. électrique)
	756-0983B	Engine Pulley w/manual PTO)	Poulie motrice (pour p.d.f. manuelle)
83	712-0291	Hex L-Nut 1/4-20 Gr. A	Contre-écrou de blocage 1/4-20
84	748-0415B	Spacer .385 ID x .635 OD x 1.54	Entretoise

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Electrical System Système électrique

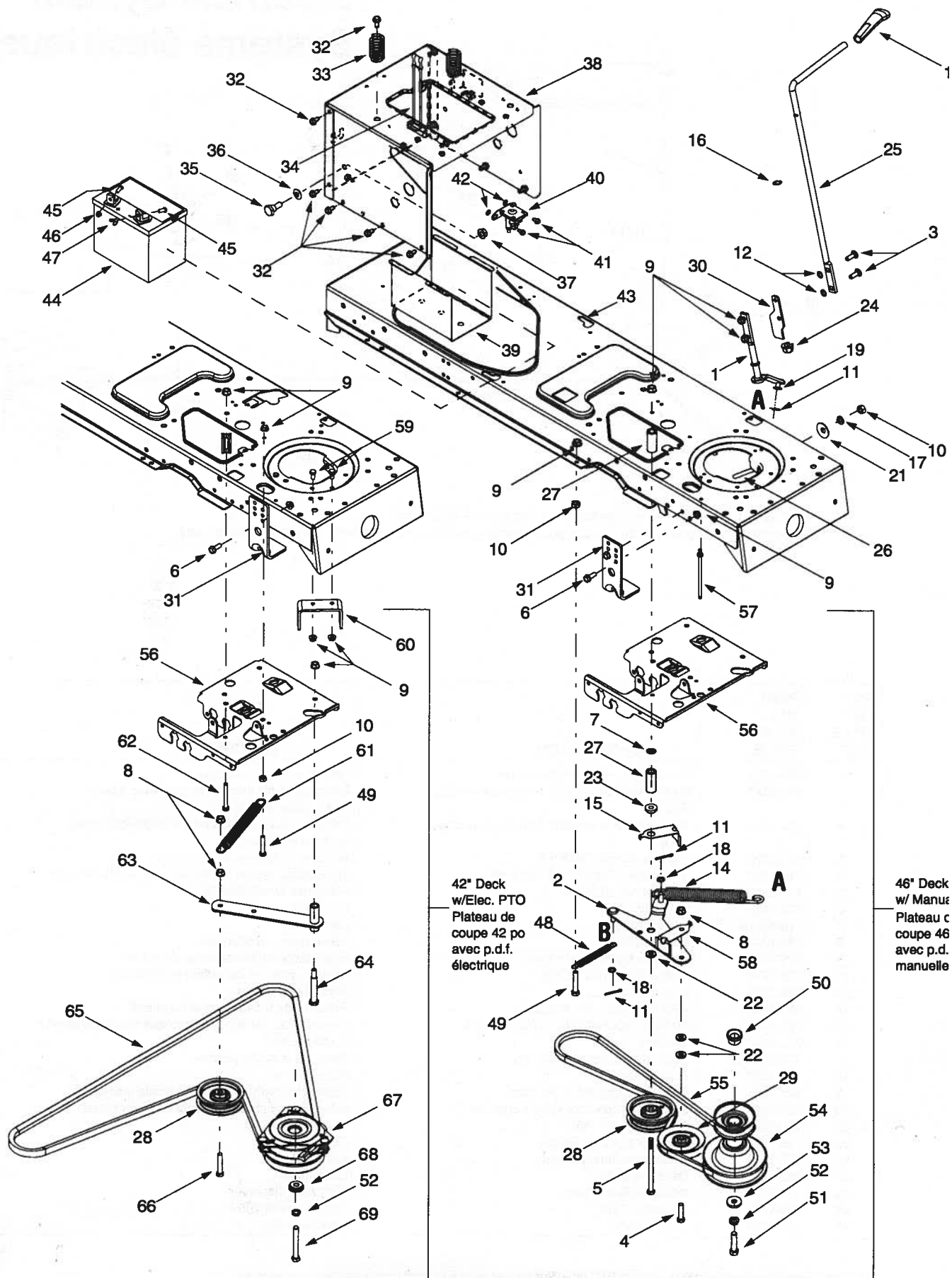


Electric PTO harness shown. Manual PTO harness will vary slightly
Faisceau de fils à prise de force électrique. Faisceau de fils à prise de force manuelle varie un peu.

REF NO. N° DE RÉF	PART NO. N° DE PIÈCE	DESCRIPTION	DESCRIPTION
1	625-0051	Bulb/Socket Headlight Assembly	Douille/ampoule du phare
2	629-1067	Wiring Harness w/o Ref. 14 (used w/electric PTO)	Faisceau de fils sans la réf. (modèles à prise de force électrique)
2	629-1071	Wiring Harness w/o Ref. 14 (used w/manual PTO)	Faisceau de fils sans la réf. 14 (modèles à prise de force manuelle)
3	629-0126	Harness Adapter, #18 x 5	Adaptateur du faisceau, n° 18 x 5
4	710-0599	Hex Wash S-Tapp Scr 1/4-20 x .50	Vis autotaraudeuse à rondelle hex. de 1/4-20 x 0,5
5	712-3006	Hex Nut 1/4-20 Gr."B"	Écrou hex 1/4-20 Qté "B"
6	725-1426	Solenoid	Solenoïde
7	725-1657A	Interlock Switch	Contacteur
8	725-1741	Ignition Switch	Commutateur d'allumage
9	725-1976	Indicator Monitor/Hour Meter	Écran de contrôle/compteur d'heures
10	725-1745	Ignition Key w/plastic cover	Clé de contact et capuchon en plastique
13	736-0329	L-Wash 1/4 ID	Rondelle frein 1/4 DI
14	629-0469A	Wire Harness (Light Adapter)	Faisceau de fil (Adaptateur du phare)
15	725-1752	Electric PTO Switch (if so equipped) †	Commutateur de la p.d.f. électrique (le cas échéant) †
16	783-0462	Switch †	Contacteur †
17	725-3007A	Positive Terminal cover (Boot)	Gaine de la borne positive
18	729-0357	Fuse Holder	Porte-fusible
19	725-1381	Fuse (20 amp) Part of Harness	Fusible (20 amp) (Comprend le faisceau de fil)
20	629-0924	Harness Adapter (for Kohler Engines)	Adaptateur du faisceau (pour moteurs Kohler)
21	710-0227	AB Scr #8-18 x .50	Vis no. 8-18 x .50
22	725-1303	Outer Seat Spring Switch	Contacteur
23	725-1439	Innter Seat Spring Switch	Contacteur
24	725-1744	Delta Key Switch	Contacteur
25	726-0278	Insulated Boss Plate	Plaque de l'isolateur
26	726-0279	Insulated Plate	Plaque de l'isolateur
27	736-0222	Lockwasher	Rondelle frein

† Found on tractors engaged by an electric PTO only./Sur les tracteurs à prise de force électrique seulement.

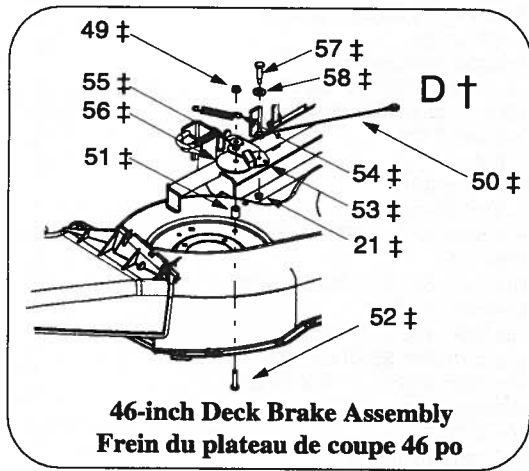
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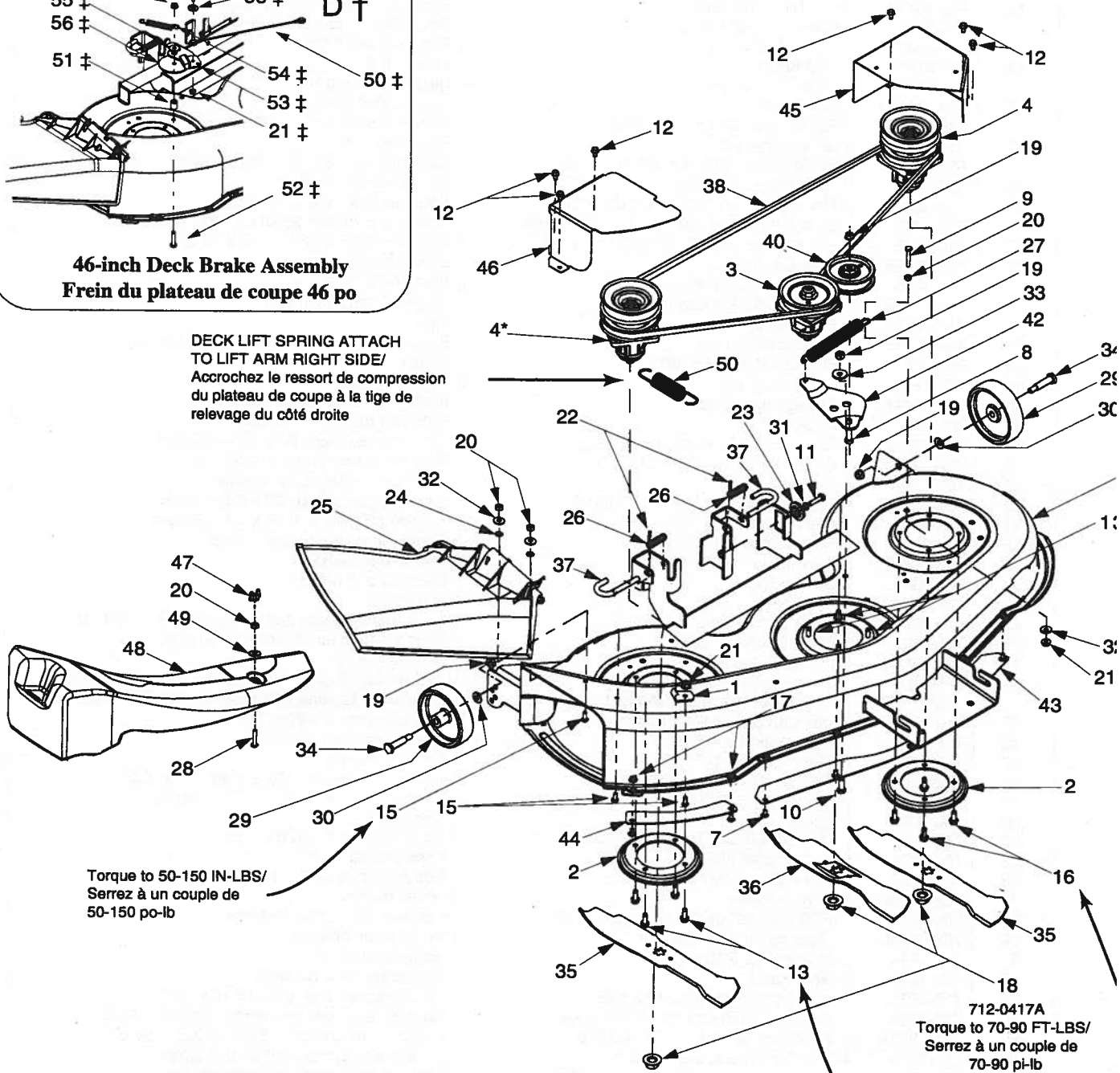
REF NO. N° DE RÉF	PART NO. N° DE PIÈCE	DESCRIPTION	DESCRIPTION
1	647-0064	PTO Engage Lever Assembly	Levier d'enclenchement
2	683-0450	PTO Engage Plate Assembly	Plaque d'enclenchement
3	710-0276	Carriage Bolt 5/16-18 x 1.00	Boulon ordinaire 5/16-18 x 1.00
4	710-0520	Hex Screw 3/8-16 X 1.50	Vis à tête hexagonale 3/8-16 X 1.50
5	710-0831	Hex Cap Screw, 3/8-16 x 1.5	Vis à tête hexagonale 3/8-16 x 1.5
6	710-1238	Hex Wash. Hd. Scr. 5/16-18 x .87" Lg.	Vis taraudée 5/16-18 x .87
7	712-0229	Push Nut Bolt Retainer	Frein du boulon à écrou à pousser
8	712-0431	Flanged Lock Nut	Écrou de blocage
9	712-3004A	Hex Flange L-Nut 5/16-18	Contre-écrou à embase 5/16-18
10	712-3010	Hex Nut 5/16-18 Gr. 5	Écrou à six pans 5/16-18 Qté 5
11	714-0470	Cotter Pin 1/8" Dia X 1.25	Goupille fendue 1/8 Dia X 1/25
12	726-0201	Speed Nut .3125	Écrou rapide .3125
13	731-2111A	PTO Knob	Bouton p.d.f.
14	732-1170	Extension Spring	Ressort d'extension
15	732-0991A	Belt Guard	Guide de la courroie
16	736-0108	Flat Washer .510 x .750 x .033	Rondelle plate .510 x .750 x .033
17	736-0119	Lockwasher 5/16	Rondelle frein
18	736-0140	Flat Washer .385 ID X .62 OD X .06	Rondelle frein .385 DI X .62 DE X .06
19	736-0275	Flat Washer 5/16 ID	Rondelle frein .5/16 DI
20	736-0300	Flat Washer .406 ID X .875 OD X .059	Rondelle frein .406 DI X .875 DE X .059
21	736-0331	Belleville Washer .39 ID x 1.13 OD x .062	Rondelle Belleville .39 DI x 1.13 DE x .062
22	736-3039	Flat Washer .406 ID X 1.5 OD X 11 GA.	Rondelle frein .406 DI X 1.5 X 11 GA.
23	738-0372B	Shoulder Spacer	Entretoise épaulée
24	741-0708	Hex Split Flange Bearing .5 ID	Roulement .5 DI
25	747-1112D	PTO Handle Engagement	Poignée d'enclenchement
26	747-1286A	Belt Keeper Rod	Tige
27	748-0415B	Spacer, 3/8 x 1.54	Rondelle d'espacement, 3/8 x 1,54 po po
28	756-0627B	Flat Idler Pulley 3.5 OD	Poulie
29	756-1208	Idler Pulley 4.0	Poulie tendeur
30	783-0744A	Engagement Stop	Butée d'arrêt de l'enclenchement
31	783-0891B	Deck Stop	Butée du plateau de coupe
32	710-0604A	Self-tapping Screw 5/16-18 x .625	Vis autotaraudeuse 5/16-18 x 0,625 po
33	732-3080A	Compression Spring 1.28 x 3.5	Ressort de compression 1.28 x 3.5
34	723-0444	Battery Strap	Tige de maintien de la batterie
35	738-1020	Shoulder Screw, .625 x .5, 7/16-20	Vis à épaulement, 0,625 x 0,5, 7/16-20
36	736-0407	Bell Washer, .45 x 1.0 x .062	Rondelle Belleville, 0,45 x 1 x 0,062 po
37	712-0459	Flange Lock Nut, 7/16-20	Contre-écrou à embase 7/16-20
38	783-1031A	Hitch Plate	Plaque d'attelage
39	783-0349	Battery Tray	Plateau de la batterie
40	725-1426	Solenoid	Solenóide
41	710-0599	Hex Wash S-Tapp Scr 1/4-20 x .50	Vis autotaraudeuse à rondelle hex. de 1/4-20 x 0,5
42	736-0222	Ext. L-Washer 1/4 ID	Rondelle-frein extérieure de 1/4 de po
43	683-0304A	Lower Frame Assembly	Châssis inférieur
44	725-1706	12-volt Battery, 270 CCA (46")	Batterie de 12 volts, 270 A démarrage à froid (46 po)
	725-1707D	12-volt Battery, 255 CCA (42")	Batterie de 12 volts, 255 A démarrage à froid (42 po)
45	710-0703	Hex Cap Screw 1/4-20 x .62	Vis à tête hex. 1/4-20 x .75
46	712-0271	Sems Hex Nut 1/4-20	Écrou Sems hex 1/4-20
47	712-3087	Wing Nut 1/4-20 Thd.	Écrou à oreilles
48	732-1165	Extension Spring, .5 OD x 5.0	Ressort d'extension, 0,5 po de D.E. x 5,0
49	710-3180	Hex Screw 5/16-18 x 1.75" Lg.	Vis à tête hex. 5/16-18 x 1.75 po de lg.
50	750-0956	Spacer Cup	Entretoise
51	710-3029	Hex Hd. Ca Scr. 7/16-20 x 1.25	Vis à tête hex. 7/16-20 x 1.25
52	736-0171	Lockwasher 7/16 ID	Rondelle frein 7/16 DI
53	736-0322	Flat Washer .450 x 1.25	Rondelle plate .450 x 1.25
54	756-0983B	Engine Pulley	Poulie motrice
55	754-0497	PTO Belt (42" decks w/manual PTO)	Courroie de la prise de force
56	783-0653D	Steering Support Bracket	Support de direction
57	711-1044	Keeper Pin, 5/16 x 4.75	Goupille 5/16 x 4.75
58	732-1013	Belt Guard	Protecteur de la courroie
59	710-3025	Hex Cap Screw, 5/16-18 x .625	Vis à chapeau hex. de 5/16-18 x .625
60	783-1003	Electric Clutch Anti-rotation Bracket	Support antirotatif de l'embrayage électrique
61	732-0978A	Extension Spring, 1.2 OD x 3.638	Ressort d'extension, 1,2 po de D.E. x 3,638 po
62	710-0859	Hex Cap Screw, 3/8-16 x 2.5	Vis à chapeau hex. de 3/8-16 x 2,5 po
63	683-0297	Idler Bracket Assembly (46-inch decks)	Support de la poulie de tension (46 po)
64	738-3056	Shoulder Screw, 1/2 Diameter x 2.5	Vis à épaulement, 1/2 po de diam. x 2,5 po
65	754-0474	PTO Belt (46-inch Decks w/Electric PTO)	Courroie de la prise de force
66	710-3144	Hex Bolt 3/8-16 x 2.0" Lg. (Gr. 5)	Boulon hex 3/8-16 x 2.0 (Qté 5)
67	717-1708	Electric PTO Clutch	Embrayage de la prise de force électrique
68	738-0785	Shoulder Spacer	Entretoise
69	710-3157	Hex Bolt 7/16-20 x 3.25" Lg.	Boulon épaulée 7/16-20 x 3.25 po de lg
70	738-1132	Shoulder Screw .250 x .150 x 1/4-20	Vis à épaulement .250 x .150 x 1/4-20

46-inch Deck

Plateau de coupe 46 po



DECK LIFT SPRING ATTACH
 TO LIFT ARM RIGHT SIDE/
 Accrochez le ressort de compression
 du plateau de coupe à la tige de
 relevage du côté droite



† Refer to D on page 40/Référez-vous à D à la page 40

‡ Found on models equipped with a manual PTO only./

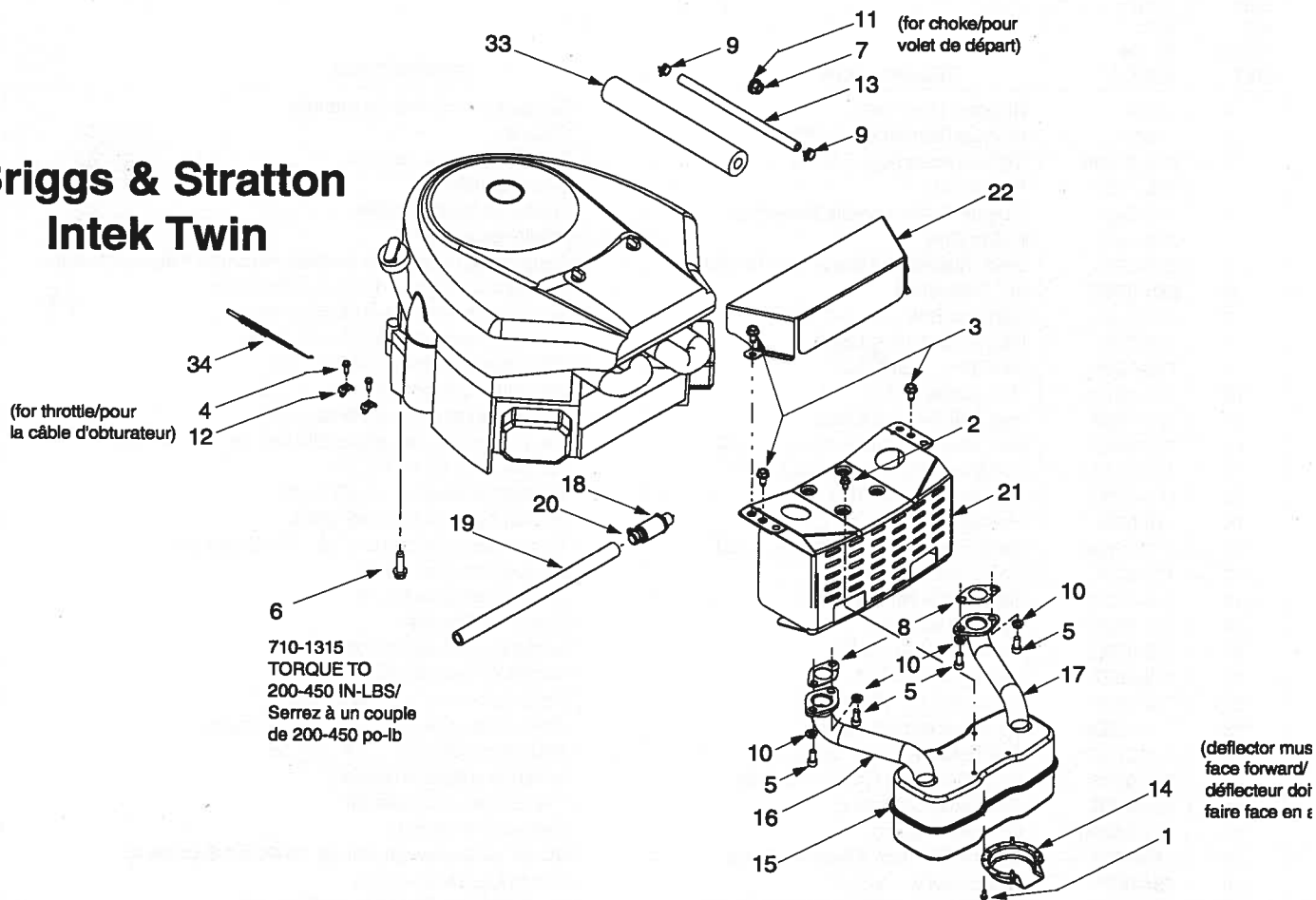
Se trouve sur les modèles avec p.d.f. manuelle seulement.

*A single-pulley spindle (618-0240A) is found in this location on models with a manual PTO./

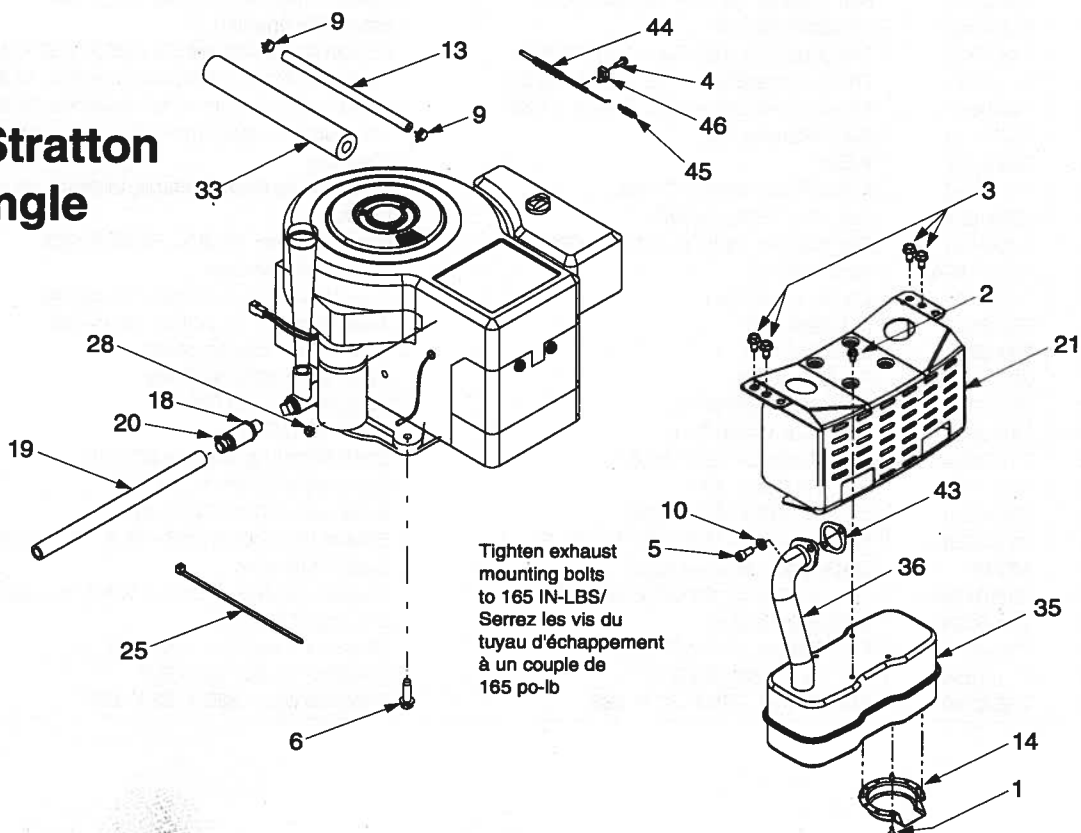
Un fuseau de poulie simple (618-0240A) se trouve à cette endroit sur les modèles avec p.d.f. manuelle seulement

REF NO. N° DE RÉF	PART NO. N° DE PIÈCE	DESCRIPTION	DESCRIPTION
1	16606	Retainer Hook Brkt.	Support du crochet de retenue
2	17982	Spindle Reinforcement Plate	Plaque
3	618-0430A	Spindle Assembly, 5.0 Dia.	Fusée, diamètre de 5 po
	756-1187	Pulley Only	Poulie seulement
4	618-0431	Double Pulley Spindle Assembly	Fusée de poulie double
	756-0603	Pulley Only	Poulie seulement
5	683-0254	Deck Adjustment Brack w/Weld Nut	Support de réglage du plateau de coupe à écrou soudure
6	683-0265C	46" Deck Shell	Coquille du plateau de coupe de 46 po
7	710-0167	Carriage Bolt 1/4-20 X .5" LG	Boulon ordinaire 1/4-20 X .5 po de lg
8	710-0344	Hex Scr 3/8-16 X 1.50	Vis à tête hexagonale 3/8-16 X 1.50
9	710-0501	Hex Scr 1/4-20 X 2.0	Vis à tête hexagonal 1/4-20 x 2.0
10	710-0514	Hex Screw 3/16 X 1.00	Vis à tête hexagonale 3/8-16 X 1.00
11	710-0528	Hex Bolt 5/16-18 X 1.25	Boulon hexagonale 5/16-18 X 1.25
12	710-0599	Hex Wash S-Tapp Scr 1/4-20 x .50	Vis autotaraudeuse à rondelle hex. de 1/4-20 x 0,5
13	710-0650	Hex Wash Taptite 5/16-18 X .88	Vis taraudée 5/16-18 X .88
14	710-0703	Carriage Bolt 1/4-10 X .75	Boulon mécanique 1/4-20 X .75
15	710-0751	Hex Bolt 1/4-20 X .62 Gr. 5	Boulon hex. 1/4-20 X .62 Qté 5
16	710-1260A	Self-tapping Screw, 5/16-18 x .750	Vis autotaraudeuse de 5/16 - 18 x 0,750 po
17	712-0271	Sems Hex Nut 1/4-20	Écrou Sems hex 1/4-20
18	712-0417A	Hex Flange Nut 5/8-18	Écrou à embase 5/8-18
19	712-0431	Flanged Lock Nut	Écrou de blocage
20	712-3006	Hex Nut 1/4-20 Gr."B"	Écrou hex 1/4-20 Qté "B"
21	712-3027	Hex L-Flanged Nut	Contre-écrou à embase
22	714-0470	Cotter Pin 1/8" Dia X 1.25	Goupille fendue 1/8 Dia X 1/25
23	717-1553A	Deck Adjustment Gear	Pignon de réglage du plateau de coupe
24	726-0233	Bolt Retainer 1/4" X .50" OD	Boulon de retenue 1/4" X .50" DE
25	631-0216	Side Discharge Chute Assembly	Goulotte d'éjection latérale
26	732-0306	Compression Spring	Ressort de compression
27	732-0594A	Extension Spring	Ressort d'extension
28	710-0578	Truss Mach. Scr. 1/4-20 x 1.5" Lg.	Vis de renforcement usinée 1/4-20 x 1.5 po de lg
29	734-0973	Wheel Ass'y - Deck 5"	Ensemble de roue 5 po
30	736-0105	Bell. Washer .400 ID X .88 OD X .06	Rondelle Bell..400 DI X .88 DE X .06
31	736-0119	L-Wash 5/16 ID	Rondelle frein 5/16 DI
32	736-0270	Bell. Washer .25 ID X .88 OD X .062	Rondelle Bell. .25 DI X .88 DE X .062
33	738-0347	Shoulder Spacer	Entretoise épaulée
34	738-0373	Shoulder Bolt .498 Dia X 1.53 X 3/8-16	Boulon à épaulement dia .498 X 1.53 X 3/8-16
35	742-0611	Three-in-one Blade, Star Center, 16.28"	Lame à trois fonctions, centre étoile, 16,28po
36	742-0612	Three-in one Blade, Star Center, 14.88"	Lame à trois fonctions, centre étoile, 14,88 po
37	747-1116	Deck Release Pin	Goupille de dégagement du plateau de coupe
38	754-0349	V-Belt	Courroie
39	731-1636	Mulch Plug, 46-inch Decks	Bouchon de déchiquetage, plateaux de coupe de 46po
40	756-0627B	Flat Idler Pulley 3.5 OD	Poulie
41	736-0173	Flat Washer .28 ID x .74 OD x .063	Rondelle frein .28 DI X .74 DE X .063
42	783-0139A	Idler Bracket	Support de tendeur
43	783-0141	Center Deck Skirt	Jupe du centre du plateau de coupe
44	783-0142	RH Deck Skirt	Jupe de droite du plateau de coupe
45	783-0747	LH Belt Cover	Couvre-courroie de gauche
46	783-0805A	RH Belt Cover	Couvre-courroie de droite
47	712-3006	Hex Nut 1/4-20 Gr."B"	Écrou hex 1/4-20 Qté "B"
48	712-3087	Wing Nut 1/4-20 Thd.	Écrou à oreilles
49	712-3004A	Hex Flange L-Nut 5/16-18	Contre-écrou à embase 5/16-18
50	746-1107	Bracket Cable, 12"	Câble du support, 12 po
51	750-1320	Spacer .375 x .630 X .595	Entretoise .375 x .630 X .595
52	710-0805	Hex Bolt 5/16 - 18 X 1.50" Lg. Gr. 5	Boulon Hexagonal 5/16 - 18 X 1.50 po de lg Qté 5
53	17116	Deck Brake Bracket Ass'y	Support de frein
54	732-0429A	Tension Spring .50 OD X 3.97" Lg.	Ressort de tension .50 DE X 3.97 po de lg
55	748-0234	Shoulder Spacer	Entretoise épaulée
56	736-0418A	Flat Washer .34 x 2.25 x .10	Rondelle frein .34 x 2.25 x .10
57	711-1554	Pin 1/4-20: 3/8 X 2.0	Goupille 1/4-20: 3/8 X 2.0
58	736-0140	Flat Washer .385 X .62 X .063	Rondelle plate .385 X .62 X .063

Briggs & Stratton Intek Twin



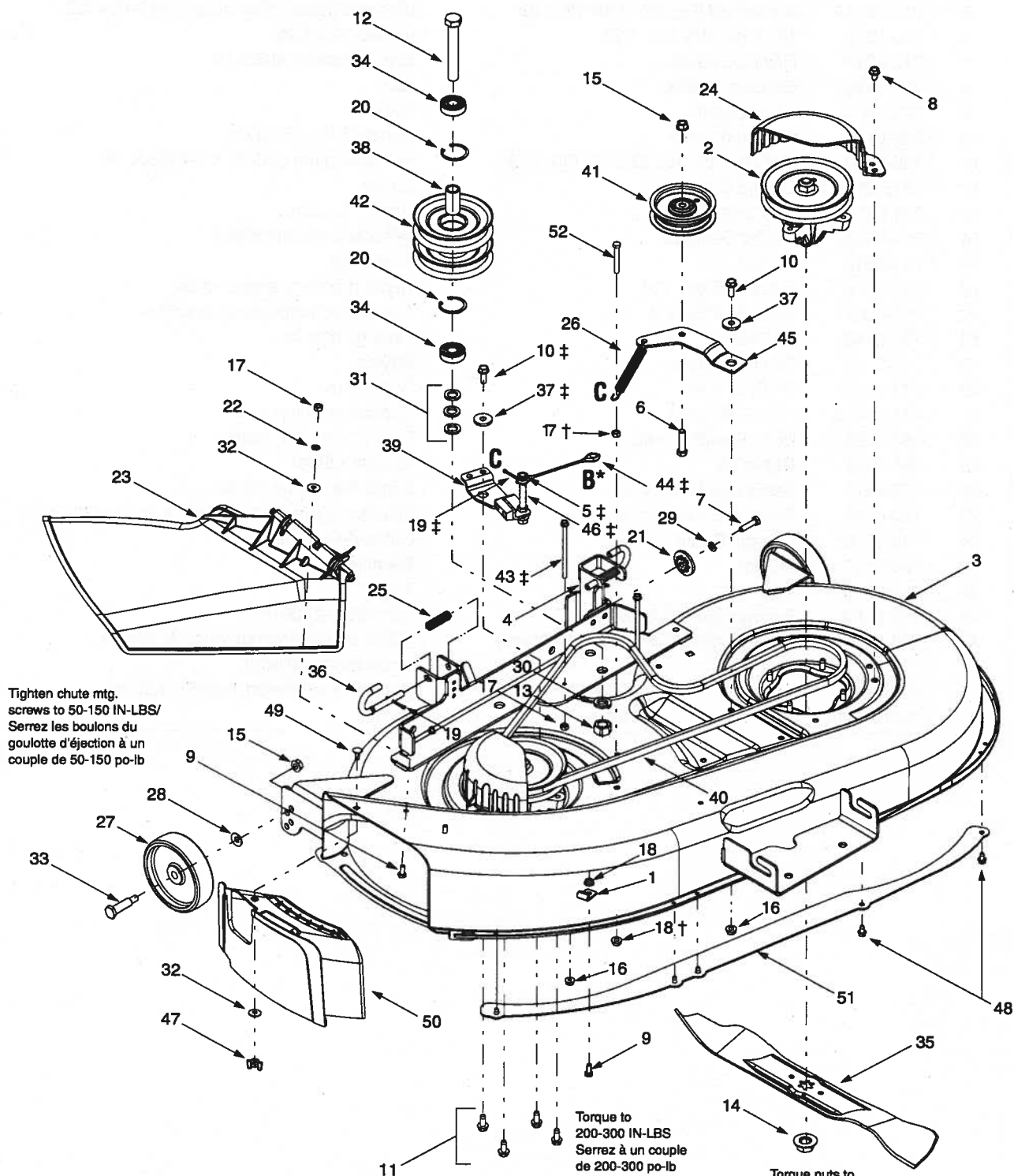
Briggs & Stratton Intek Single



REF NO. N° DE RÉF	PART NO. N° DE PIÈCE	DESCRIPTION	DESCRIPTION
1	710-0227	Hex Wash HD S-Tap Scr #8-32 X .38	Vis auto-taraudeuse hex. No. 8-32 X .38
2	710-0599	Hex Wash S-Tapp Scr 1/4-20 x .50	Vis autotaraudeuse à rondelle hex. de 1/4-20 x 0,5
3	710-0604A	Self-tapping Screw 5/16-18 x .625	Vis autotaraudeuse 5/16-18 x 0,625 po
4	710-1237	Hex Wash Hd Screw 10-32 x 5/8	Vis taraudée 10-32 x 5/8
5	710-1314A	Socket Hd Cap Scr 5/16-18 x .62	Vis à chapeau à tête creuse 5/16-18 x .62
6	710-1315	TT Screw 3/8-16 x 1.25	Vis 3/8-16 x 1.25
7	712-3017	Hex Nut 3/8-16	Écrou hexagonal 3/8-16
8	721-0460	Exhaust Gasket	Joint
9	726-0205	Hose Clamp	Collier
10	736-0119	L-Wash 5/16 ID	Rondelle frein 5/16 DI
11	736-0300	Fiat Washer .385 ID X .87 OD X .06	Rondelle plate .385 DI X .87 DE X .06
12	751B221535	Casing Clamp	Collier
13	751-0535	Fuel Line	Ligne d'essence
14	751-0564	Muffler Deflector	Défecteur de silencieux
15	751-0616	Muffler	Silencieux
16	751-0650	Exhaust Pipe - RH	Tuyau d'échappement - droit
17	751-0651	Exhaust Pipe -LH	Tuyau d'échappement - gauche
18	751-3140	Oil Drain	Vidange d'huile
19	751-3141	Oil Drain Hose	Boyau
20	751-3142	Oil Drain Cap	Capuchon
21	783-0615B	Muffler Bracket	Support de silencieux
22	783-0625C	Engine Heat Shield	Pare-chaleur du moteur
25	725-0157	Cable Tie	Attache câble
28	712-0271	Sems Hex Nut 1/4-20	Écrou Sems hex 1/4-20
33	722-0263	Foam (fits over fuel line)	Mousse (à placer sur la conduite de carburant)
34	746-1086	Throttle Cable	Câble de l'obturateur
35	751-0617	Muffler	Silencieux
36	751-0619	Pipe	Tuyau
43	721-0208	Exhaust Gasket B&S 270917	Joint B&S 270917
44	746-1084	Choke/Throttle Cable (Intek Single)	Câble de l'obturateur/volet de départ (Intek monocylindre)
45	732-0966	Extension spring, .275 x 1.25	Ressort d'extension, 0,275 x 1,25 po
46	751B213146	Clamp Casing - Throttle	Collier

13A-6059
11.30.01

42-inch Deck Plateau de coupe 42 po



REF NO. N° DE RÉF	PART NO. N° DE PIÈCE	DESCRIPTION	DESCRIPTION
1	16606	Retainer Hook Brkt.	Support du crochet de retenue
2	756-0980	5.75" Dia. Pulley (17 HP Intek)	Poulie 5.75 po diam. (17 HP Intek)
	756-1151	5.75" Dia. Pulley (18 HP Intek)	Poulie 5.75 po diam. (18 HP Intek)
2	618-0574	Spindle Ass'y 5.75 Dia (17 HP Intek)	Fusée, diam tre de 5,75 po (17 HP Intek)
	618-0427	Spindle Ass'y 5.75 Dia (18 HP Intek)	Fusée, diam tre de 5,75 po (18 HP Intek)
3	683-0198E	42-inch Deck Shell	Coquille du plateau de coupe de 42 po
4	683-0254	Deck Adjustment Brack w/Weld Nut	Support de réglage du plateau de coupe à écrou soudure
5	736-0140	Flat Washer .385 ID X .62 OD X .06	Rondelle frein .385 DI X .62 DE X .06
6	710-0520	Hex Screw 3/8-16 X 1.50	Vis à tête hexagonale 3/8-16 X 1.50
7	710-0528	Hex Bolt 5/16-18 X 1.25	Boulon hexagonale 5/16-18 X 1.25
8	710-0604A	Self-tapping Screw 5/16-18 x .625	Vis autotaraudeuse 5/16-18 x 0,625 po
9	710-0751	Hex Bolt 1/4-20 X .62 Gr. 5	Boulon hexagonale 1/4-20 X .62 Qté 5
10	710-1238	Hex Wash. Hd. Scr. 5/16-18 x .87" Lg.	Vis taraudée 5/16-18 x .87
11	710-0650	Self-tap. Scr. 5/16-18 x .88 (w/manual PTO)	Vis taraudée 5/16 - 18 x 0,88 po (avec p.d.f. manuelle)
11	7101260A	Self-tap.Scr. 5/16-18 x .750 (w/electric PTO)	Vis taraudée 5/16 - 18 x 0,750 po (avec p.d.f. électrique)
12	710-3151	Hex Bolt 5/8-18 x 4.25" Lg. (Gr. 5)	Boulon hex. 5/8-18 x 4.25 po de lg (Qté 5)
13	712-0337	Hex Nut 5/8-18	Écrou hexagonal 5/8-18
14	712-0417A	Hex Flange Nut 5/8-18	Écrou à embase 5/8-18
15	712-0431	Flanged Lock Nut	Écrou de blocage
16	712-3004A	Hex Flange L-Nut 5/16-18	Contre-écrou à embase 5/16-18
17	712-3006	Hex Nut 1/4-20 Gr."B"	Écrou hex 1/4-20 Qté "B"
18	712-3027	Hex L-Flanged Nut	Contre-écrou à embase
19	714-0470	Cotter Pin 1/8" Dia X 1.25	Goupille fendue 1/8 Dia X 1/25
20	716-3020	Int. Snap Ring	Bague instantanée interne
21	717-1553A	Deck Adjustment Gear	Pignon de réglage du plateau de coupe
22	726-0233	Bolt Retainer 1/4" X .50" OD	Boulon de retenue 1/4" X .50" DE
23	731-1032B	Side Discharge Chute Assembly (17 HP Intek)	Goulotte d'éjection latérale (17 HP Intek)
23	631-0216	Side Discharge Chute Assembly (18 HP Intek)	Goulotte d'éjection latérale (18 HP Intek)
24	731-2486	Belt Cover (17 HP Intek)	Couvercle de la courroie (17 HP Intek)
24	731-2231B	Belt Cover (18 HP Intek)	Couvercle de la courroie (18 HP Intek)
25	732-0306	Compression Spring	Ressort de compression
26	732-0470A	Ext. Spring 4.74" Lg.	Ressort 4.74 po de lg
27	734-0973	Wheel Ass'y - Deck 5"	Ensemble de roue 5 po
28	736-0105	Bell. Washer .400 ID X .88 OD X .06	Rondelle Bell..400 DI X .88 DE X .06
29	736-0119	L-Wash 5/16 ID	Rondelle frein 5/16 DI
30	736-0158	Lockwasher 5/16 ID	Rondelle frein 5/16 DI
31	736-0162	Flat Washer .635 ID X 1.00 OD X .120	Rondelle plate .635 DI X 1.00 DE X .120
32	736-0270	Bell. Washer .25 ID X .88 OD X .062	Rondelle Bell. .25 DI X .88 DE X .062
33	738-0373	Shoulder Bolt .498 Dia X 1.53 X 3/8-16	Boulon à épaulement dia .498 X 1.53 X 3/8-16
34	741-0524	Ball Bearing	Roulement à billes
35	742-0616	3 in 1 Blade	Lame à trois fonctions
36	747-1116	Deck Release Pin	Goupille de dégagement du plateau de coupe
37	748-0331	Shoulder Spacer .318 ID x 1.125 OD	Entretoise épaulée .317 DI x 1.125 DE
38	750-0932A	Spacer .635 ID x .088 OD	Entretoise .635 DI x .088 DE
39	683-0440	Deck Brake Assembly	Frein du plateau de coupe
40	754-0498	Deck Belt	Courroie
41	756-0627B	Flat Idler Pulley 3.5 OD	Poulie
42	756-1202	Double pulley, 5.0	Poulie double
43	710-1830	Self Tapping Screw 1/4-20 x .5	Vis autotaraudeuse 1/4-20 x .5
44	746-0970	Bracket Cable, 5.35"	Câble de frein, 5,35 po
45	783-1291	Idler Bracket	Support de tendeur
46	711-1534	Pin, 3/8-16, 3/8 x 3.27	Goupille 3/8-16, 3/8 x 3.27
47	712-3087	Wing Nut 1/4-20 Thd.	Écrou à oreilles
48	710-0599	Hex Wash S-Tapp Scr 1/4-20 x .50	Vis autotaraudeuse à rondelle hex. de 1/4-20 x 0,5
49	710-0134	Carriage Bolt 1/4-20 X .62	Boulon ordinaire 1/4-20 X .62
50	731-2363	Mulching Plug	Bouchon de déchiquetage
51	783-1146A	Deck Skirt	Upe du plateau de coupe
52	710-0136	Hex Scr 1/4-20 X 1.75	Vis à tête hexagonale 1/4-20 X 1.75

13A-6057
12.10.01

THREE (3) YEAR LIMITED WARRANTY

For three (3) years from the date of original purchase of our products, we will either repair or replace, at its option, free of charge, F.O.B. Factory or authorized service firm, any part found to be DEFECTIVE IN MATERIAL and WORKMANSHIP for the original purchaser. all transportation charges on parts submitted for replacement under this warranty must be paid by the purchaser unless return is requested by the manufacturer.

This warranty DOES NOT apply to any part which has become inoperative through misuse, excessive use, accident, neglect, improper maintenance or alterations by unauthorized persons.

The limited warranty does not extend to the replacement of parts which are not defective, but where regular usage has exhausted the life of the part.

ENGINES, ELECTRIC START KITS, PEERLESS TRANSMISSIONS AND PEERLESS TRANSAXLES ARE WARRANTED BY THEIR RESPECTIVE MANUFACTURER. ALL CLAIMS AGAINST THESE COMPONENTS MUST BE HANDLED THROUGH THE RESPECTIVE MANUFACTURER'S SERVICE DEALERS.

Belts, light bulbs, clutch parts (friction wheels), grass bags, tires, seats, rider deck wheels and cutting blades are covered by a 60 day limited warranty.

Batteries are covered by a 90 day limited warranty.

Fuses, shear bolts and blade adapters are considered consumable items and as such are not warranted.

NOTE: Regular maintenance replacement parts and related inspections and adjustments are excluded from coverage when made as part of normal maintenance service.

TRACTOR ATTACHMENT WARRANTY

Mower decks included with your product, or sold separately, as an attachment for your garden tractors will be warranted according to the above terms of the manufacturer three (3) year limited consumer warranty.

ALL OTHER ATTACHMENTS will be sold under the same condition as above except the warranty will be ONE YEAR FROM DATE OF ORIGINAL PURCHASE.

PERSONAL USE

THE FOREGOING PARAGRAPHS CONSTITUTE THE MANUFACTURER'S ENTIRE WARRANTY WITH RESPECT TO ANY PRODUCT PURCHASED AND USED FOR PERSONAL FAMILY, HOUSEHOLD/RESIDENTIAL PURPOSES, AS DISTINGUISHED FROM COMMERCIAL USAGE.

COMMERCIAL USE

ALL APPLICATIONS OTHER THAN PERSONAL USE AS OUTLINED ABOVE, ARE CONSIDERED COMMERCIAL USAGE.

New products purchased for commercial usage are warranted in the same manner and to the same extend EXCEPT the term of warranty will be 60 DAYS from date of purchase.

WARRANTY SERVICE CAN ONLY BE PERFORMED BY AN AUTHORIZED SERVICE DEALER. ANY NON-ORIGINAL EQUIPMENT REPLACEMENT PART USED ON OR IN A PRODUCT UNDER WARRANTY WILL BE EXCLUDED FROM THAT WARRANTY COVERAGE, AS WILL BE ANY RELATED DAMAGED COMPONENTS RESULTING FROM THE INSTALLATION OF A REPLACEMENT PART FROM ANOTHER SOURCE OTHER THAN THE MANUFACTURER.