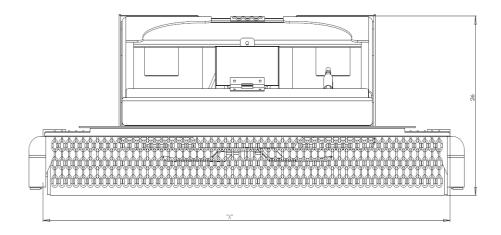


# **OPERATOR'S MANUAL**

### **ACCESSORIES UNLIMITED BRUSH MOWER**

ENGINEERED TO FIT YOUR EVERY NEED



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# INTRODUCTION

#### TO THE PURCHASER

All products are designed to give safe, dependable service if they are operated and maintained according to instructions. Read and understand this manual before operation.

This manual has been prepared to assist the owner and operators in the safe operation and suitable maintenance of the equipment. The information was applicable to products at the time of manufacture and does not include modifications made afterwards.

Read and understand this operator's manual before attempting to put equipment into service. Familiarize yourself with the operating instructions and all the safety recommendations contained in this manual and those labeled on the equipment and on the skid steer. Follow the safety recommendations and make sure that those with whom you work follow them.

If you have any questions, see your Accessories Unlimited LLC dealer.

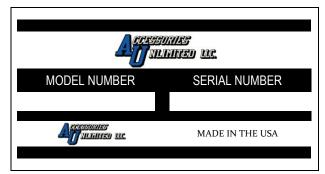
#### Illustrations

The illustrations may not necessarily reproduce the full detail and the exact shape of the parts or depict the actual models, but are intended for reference only.

#### Direction Reference

All references to right and left, forward or rearward, are from the operator's seat, facing the steering wheel.

#### SERIAL PLATE



To assist your dealer in handling your needs, please record hereafter the model number and the serial number of your implement and skid steer. It is also advisable to supply them to your insurance company. It will be helpful in the event that an implement or skid steer is lost or stolen.

# SKID STEER MODEL: SERIAL NUMBER: DATE OF PURCHASE: DEALER NAME:

## SAFETY PRECAUTIONS



#### **SAFETY FIRST**

This symbol, the industry's "Safety Alert Symbol", is used throughout this manual and on labels on the machine itself to warn of the possibility of personal injury. This symbol with a warning statement means: "Warning, be alert! Your safety is involved!" Carefully read the message that follows. Warnings on the machine and in the manuals are for your safety. Failure to obey warnings can cause injury or death. It is essential that you read the instructions and safety regulations before you attempt to assemble or use this unit.

A

**DANGER:** Indicates an immediate hazardous situation which, if not avoided, will result in death or

serious injury. Operator must have instructions before running the machine.

A

WARNING: Indicates a potentially hazardous situation which, if not avoided, will result in death or

serious injury. Operator must have instructions before running the machine.

A

**CAUTION:** Indicates a potentially hazardous situation which, if not avoided, may result in minor or

moderate injury. Operator must have instructions before running the machine.

**IMPORTANT:** Indicates that equipment or property damage could result if instructions are not followed.

Operator must have instructions before running the machine.

**NOTE:** Gives helpful information.

All products are designed to give safe, dependable service if they are operated and maintained according to instructions. Read and understand this manual before operation. It is the owner's responsibility to be certain anyone operating this product reads this manual, and all other applicable manuals to become familiar with this equipment and all safety precautions. Failure to do so could result in serious personal injury or equipment damage. If you have any questions, consult your dealer.

#### **BEFORE OPERATION**

#### Children

Tragic accidents can occur if the operator is not alert to the presence of children. Children are generally attracted to machines and work being done. Never assume children will remain where you last saw them.

- 1. Keep children out of the operating area and under the watchful eye of another responsible adult.
- 2. Be alert and turn machine off if children enter the work area.
- 3. Before and when backing, look behind for small children.
- 4. Never carry children while operating the machine. They may fall off and be seriously injured or interfere with the safe operation of the machine.
- 5. Never allow children to play on the machine or attachment even when they are turned off.
- 6. Never allow children to operate the machine even under adult supervision.
- 7. Use extra care when approaching blind corners, shrubs, trees, or other obstructions that might hide children from sight.

#### **NOTICE**

A safe operator is the best assurance against accidents. All operators, no matter how experienced they may be, should read this operator's manual and all other related manuals before attempting to operate the equipment. Please read the following section and pay particular attention to all safety recommendations contained in this manual and those labeled on the equipment and on the skid steer. Safe operation is the operator's responsibility.

The skid steer and attachment must be in good operating condition before use.

#### Safe Operation Needs a Qualified Operator

For an operator to be qualified, he or she must not use drugs or alcoholic drinks which impair alertness or coordination while working. An operator who is taking prescription drugs must get medical advice to determine if he or she can safely operate a machine and the attachment.

#### A QUALIFIED OPERATOR MUST DO THE FOLLOWING:

#### Understand the Written Instructions, Rules and Regulations

Check the rules and regulations at your location. The rules may include an employer's work safety requirements. Regulations may apply to local driving requirements or use of a Slow Moving Vehicle (SMV) emblem. Regulations may identify a hazard such as a utility line.

#### Have Training with Actual Operation

- 1. Operator training must consist of a demonstration and verbal instruction. This training is given by your Accessories Unlimited LLC dealer before the product is delivered.
- 2. The new operator must start in an area without bystanders and use all the controls until he or she can operate the machine and attachment safely under all conditions of the work area. Always fasten seat belt before operating.

#### **Know the Work Conditions**

- 1. Know the weight of the materials being handled. Avoid exceeding the machine load capacities. Material which is very dense will be heavier than the same volume of less dense material. Reduce the size of the load if handling dense material
- 2. The operator must know any prohibited uses or work areas, for example, he or she needs to know about excessive slopes.
- 3. Know the location of any underground lines; call before you dig. Call local utilities or the North American One Call Referral System at 1-888-258-0808. When you call this number you will be directed to a location in your state/city for information about buried lines (telephone, cable TV, water, sewer, gas, etc.).
- 4. Avoid Silica Dust. Cutting or drilling concrete containing sand or rock containing quartz may result in exposure to silica dust. Do not exceed Permissible Exposure Limits (PEL) to silica dust as determined by OSHA or other job site Rules and Regulations. Use a respirator, water spray or other means to control dust. Silica dust can cause lung disease and is known to the State of California to cause cancer.

#### FIRE PREVENTION

The machines and some attachments have components that are at high temperatures under normal operating conditions. The primary source of high temperatures is the engine and exhaust system. The electrical system, if damaged or incorrectly maintained, can be a source of arcs or sparks.

Flammable debris (leaves, straw, etc.) must be removed regularly. If flammable debris is allowed to accumulate, it can cause a fire hazard. Clean often to avoid this accumulation. Flammable debris in the engine compartment is a potential fire hazard.

All fuels, most lubricants and some coolants mixtures are flammable. Flammable fluids that are leaking or spilled onto hot surfaces or onto electrical components can cause a fire.

- 1. Do not use the machine where exhaust, arcs, sparks or hot components can contact flammable material, explosive dust or gases.
- 2. The operator cab (if equipped), engine compartment and engine cooling system must be inspected every day and cleaned if necessary to prevent fire hazards and overheating.
- 3. Check all electrical wiring and connections for damage. Keep the battery terminals clean and tight. Repair or replace any damaged part or wires that are loose or frayed.
- 4. Battery gas can explode and cause serious injury. Use the procedure in the Operator's Manual for connecting the battery and for jump starting. Do not jump start or charge a frozen or damaged battery. Keep any open flames or sparks away from batteries. Do not smoke in battery charging area.
- 5. Check fuel and hydraulic tubes, hoses and fittings for damage and leakage. Never use open flame or bare skin to check for leaks. Hydraulic tubes and hoses must be properly routed and have adequate support and secure clamps. Tighten or replace any parts that show leakage. Always clean fluid spills. Do not use gasoline or diesel fuel for cleaning parts. Use commercial nonflammable solvents.
- 6. Do not use ether or starting fluids on any engine that has glow plugs. These starting aids can cause explosion and injure you or bystanders.
- 7. Always clean the machine and attachment, disconnect the battery, and disconnect the wiring from the controllers (if equipped) before welding. Cover rubber hoses, battery and all other flammable parts. Keep a fire extinguisher near the machine when welding. Have good ventilation when grinding or welding painted parts. Wear dust mask when grinding painted parts. Toxic dust or gas can be produced. Dust generated from repairing nonmetallic parts such as hoods, fenders or covers can be flammable or explosive. Repair such components in a well ventilated area away from open flames or sparks.
- 8. Stop the engine and let it cool before adding fuel. No smoking! Do not refuel a machine near open flames or sparks. Fill the fuel tank outdoors.
- 9. The spark arrestor exhaust system (if equipped) is designed to control the emission of hot particles from the engine and exhaust system, but the muffler and the exhaust gases are still hot. Check the spark arrestor exhaust system regularly to make sure it is maintained and working properly. Use the procedure in the Operator's Manual for cleaning the spark arrestor muffler (if equipped).
- 10. Know where fire extinguishers and first aid kits are located and how to use them. Inspect the fire extinguisher and service the fire extinguisher regularly. Obey the recommendations on the instructions plate. Fire extinguishers are available from your Accessories Unlimited LLC dealer.

#### THE BRUSH MOWER

#### **Before Operation**

- 1. Read and understand this operator's manual and skid steer operator's manual. Know how to operate all controls and how to stop the unit and disengage the controls quickly.
- In addition to the design and configuration of equipment, hazard control and accident prevention are dependent upon the awareness, concern, prudence and proper training of personnel involved in the operation, transport, maintenance and storage of equipment.
- 3. Never wear loose, torn, or bulky clothing around the skid steer and the brush mower. It may catch on moving parts or controls, causing injury.
- 4. Always wear safety glasses when doing maintenance or service.
- 5. Check for underground lines before operating attachment (if applicable).
- 6. Before and during the brush mowing season, thoroughly inspect the area where the equipment is to be used and remove all objects that may cause damage to the equipment.
- 7. Check that the Bob-Tach levers are in the locked position and the wedges are fully engaged into the holes of the attachment (if applicable).
- 8. Check that the attachment is securely fastened to the machine.
- 9. Set transmission to neutral and disengage clutch, if equipped, before starting the engine.
- 10. Operate the attachment only from the operator's position.
- 11. Operate the attachment according to the Operator's Manual.
- 12. When learning to operate the attachment, do it at a slow rate in an area clear of bystanders.
- 13. Do not permit personnel to be in the work area when operating the machine and attachment.
- 14. Never attempt to make any adjustments or repairs while the engine is running. Read this manual carefully to acquaint yourself with the equipment as well as the skid steer operator's manual. Working with unfamiliar equipment can lead to accidents. Be thoroughly familiar with the controls and proper use of the equipment.
- 15. Keep all safety guards in place and verify hardware for proper tightening. Replace if damaged.
- 16. Check for moving parts excessive wear regularly. Replace worn parts with genuine parts.
- 17. Replace all missing, illegible, or damaged safety and warning decals. See list of decals in operator's manual.
- 18. Keep safety decals clean of dirt and grime.
- 19. The attachment must be used ONLY on approved machines. See your Accessories Unlimited LLC dealer for an updated list of approved attachments for each machine model.
- 20. Do not modify or alter this equipment or any of its components, or any equipment or any of its components, or any equipment function without first consulting your Accessories Unlimited LLC dealer.
- 21. Use of counterweights is recommended. Weights provide the necessary balance to improve stability, traction and steering. Use only those recommended by your Accessories Unlimited LLC dealer.

#### Auxiliary Hydraulic Controls

The auxiliary hydraulics must be activated for brush mower to operate.

Loaders: Enter the loader. Fasten the seat belt, lower the seat bar and start the engine. Release the parking brake.

Utility Work Machine: Enter the cab and fasten the seat belt, lower the operator arm rest, and start the engine. Release the parking brake.

#### **Brush Mower Operation**



WARNING: To avoid serious personal injury or death: Bystanders must stay at least 15 ft. (5 m) away from the attachment when operating. DO NOT TOUCH the tiller or leave the loader seat while the engine is running.

- 1. Tilt the brush mower back and move the machine/attachment to the starting point.
- 2. Tilt the brush mower slowly to the ground. Make sure the attachment is level with the ground.
- 3. The brush mower can be operated by moving the machine forward.
- 4. Before leaving the skid steer unattended, take all possible precautions. Park the skid steer/tiller on level ground, place the transmission in neutral, set the parking brake, disengage the Aux hydraulics, lower the equipment to the ground, place all levers including auxiliary control levers in neutral, shut off the engine and remove the ignition key.
- 5. Prior to operation, clear work area of all objects that can be picked up and thrown. Mark all curbs, pipes, etc. that cannot be moved.
- 6. Be sure the Aux hydraulics switch/lever is in OFF position before starting engine.
- 7. Exercise extreme caution when operating on or crossing a gravel drive, walks, or roads. Stay alert for hidden hazards or traffic.
- 8. Do not carry passengers.
- 9. Keep clear of rotating parts. Do not put hands or feet under or into brush mower with engine running, and allow the rotating parts to stop BEFORE unclogging.
- 10. Park the skid steer/ brush mower on level ground, place the transmission in neutral, set the parking brake, disengage the Aux hydraulics, lower the equipment to the ground, place all control levers in neutral, shut off the engine, remove the ignition key and allow the rotating parts to stop BEFORE making any repairs, adjustments or inspections.
- 11. If the tiller starts to vibrate abnormally, disengage the Aux hydraulics, stop the engine immediately and check for cause. Excessive vibration is generally a sign of trouble.
- 12. Do not run the engine indoors except when starting engine and transporting attachment in or out of building. Carbon monoxide gas is colorless, odorless and deadly.
- 13. Do not attempt to operate on steep slopes. If operating on slopes is necessary, exercise extreme caution when changing direction.
- 14. Never operate brush mower without guards, and other safety protective devices in place.

## SAFETY PRECAUTIONS - CONTINUED

- 15. Never operate machine at high transport speeds on a slippery surface.
- 16. Use extra caution when backing up.

17. N	Never operate	the brush	mower without go	ood visibility	and lighting.
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- 18. Prolonged exposure to loud noise can cause impairment or loss of hearing. Wear a suitable hearing device such as earmuffs or earplugs to protect against objectionable or uncomfortable noises.
- 19. Never allow anyone near the work area.

#### THE SKID STEER

#### General Information

- 1. Read the operator's manual carefully before using skid steer. Lack of operating knowledge can lead to accidents.
- 2. Do not permit anyone but the operator to ride on the skid steer. There is no safe place for passengers.

#### Operating the Skid Steer

- 1. Never run the skid steer engine in a closed building without adequate ventilation, as the exhaust fumes are very dangerous.
- 2. Adopt safe driving practice: Keep the parking brake on at all times during transportation.
- 3. Always drive at a safe speed relative to local conditions and ensure that your speed is low enough for an emergency stop to be safe and secure.
- 4. Reduce speed prior to turns to avoid the risk of overturning. Keep speed to a minimum.
- 5. Always keep the skid steer in gear to provide engine braking when going downhill. Do not coast.
- 6. Never allow an open flame near the fuel tank or battery.
- 7. Make sure the proper shields are installed when using the equipment and always replace the shields if damaged.
- 8. Park the skid steer on level ground, place the transmission in neutral, set the parking brake, disengage the Aux hydraulics, lower the equipment to the ground, place all levers including auxiliary control levers in neutral, shut off the engine and remove the ignition key BEFORE leaving the skid steer.
- 9. Never park the skid steer on a steep slope.
- 10. Do not attempt to operate on steep slopes. Avoid sudden uphill turns on steep slopes.
- 11. Use of counterweights for better traction and stability is recommended.
- 12. Handle fuel with care, as it is highly flammable.
- 13. Use approved fuel container.
- 14. Never add fuel to running engine or a hot engine.
- 15. Fill fuel tank outdoors with extreme care. Never fill fuel tank indoors. Replace fuel cap securely and wipe up spilled fuel.
- 16. Never allow anyone to operate the brush mower until they have read the manual completely and are thoroughly familiar with basic skid steer and brush mower operation.
- 17. Make sure the skid steer is counterweighted as recommended by your dealer. Weights provide the necessary balance to improve stability, traction and steering.
- 18. Always make sure all brush mower components are properly installed and securely fastened BEFORE operation.
- 19. Never attempt to start the engine and/or engage brush mower while standing beside the skid steer.
- 20. Always start the engine from the operator's seat with all the transmission lever(s) and brush mower drive lever in neutral.
- 21. DO NOT bypass the safety system by shorting across the terminals of the starter motor to start the engine. This may cause the skid steer to move suddenly.
- 22. If the safety start system does not work, consult your dealer immediately.

#### **During Operation**

- 1. Do not allow passengers on the skid steer/ brush mower at any time. There is no safe place for passengers on the equipment. The operator MUST sit in the skid steer seat.
- 2. Eye and hearing protection is recommended when operating the brush mower.
- 3. Operate only during daylight hours, or when the area is well lit with bright artificial light.
- 4. Park the skid steer on level ground, place the transmission in neutral, set the parking brake, disengage the Aux hydraulics, lower the equipment to the ground, place all control levers in neutral, shut off the engine and remove the ignition key BEFORE leaving the operator's seat.
- 5. Inspect the brush mower after striking any foreign object to assure that all brush mower parts are safe and secure and not damaged.
- 6. Be especially observant of the operating area and terrain. Watch for holes, rocks, or other hidden hazards. ALWAYS inspect the area prior to brush mowing.
- 7. DO NOT brush mow near the edge of drop-offs or banks.
- 8. DO NOT brush mow on steep slopes as overturn may result.
- 9. Operate up and down (not across) intermediate slopes. Avoid sudden starts and stops.
- 10. Slow down before you change directions on any slope.
- 11. Use wheel weights on your skid steer to increase stability on slopes.
- 12. Never stand alongside of the unit while the engine is running.

#### Roll-Over Protective Structure (ROPS) During Operation

- 1. DO NOT weld, drill or alter the ROPS. Damaged ROPS must not be straightened or used. If damage does occur, consult your dealer.
- 2. If ROPS is lowered or removed from the skid steer for any reason, it must be erected and/or refitted immediately. Original bolts or equivalent replacements must be used and tightened to the correct torque.
- 3. Your dealer does not recommend usage of skid steer with ROPS removed.
- 4. Seat belt usage: With ROPS installed on the skid steer it is imperative that the seat belt be installed, used and correctly adjusted, at all times. DO NOT use a seat belt if operating without ROPS.
- 5. Keep all shields and covers in place. All skid steer and equipment shields and covers must be correctly installed at all times. When necessary to remove these, they must be reinstalled immediately.
- 6. Keep clear of all rotating driveline components. Be especially observant of implement areas of discharge, intake or other mechanical motion.
- 7. Securely lock equipment drive shaft. Check that all skid steer and equipment drivelines are in good working order.
- 8. Additional safety equipment: A fire extinguisher and first aid kit should be kept readily accessible. These are available through your dealer.

#### **MAINTENANCE**

#### Always use genuine parts when replacement parts are required during operation.

- 1. Keep the skid steer and brush mower properly maintained.
- 2. Park the skid steer on level ground, place the transmission in neutral, set the parking brake, disengage the Aux hydraulics, lower the equipment to the ground, place all control levers in neutral, shut off the engine and remove the ignition key and allow the rotating parts to stop BEFORE making any brush mower adjustments.
- 3. To avoid injury, do not adjust, unclog or service the brush mower with the skid steer engine running. Make sure rotating components have completely stopped before leaving the operator's seat.
- 4. Keep the skid steer/ brush mower clean.
- 5. Always wear eye protection when operating, cleaning, or servicing the brush mower.
- 6. Service the unit in safety: DO NOT service the skid steer while the engine is running or hot, or if the unit is in motion. Always lower brush mower to the ground. If necessary to service unit with brush mower raised, securely support with stands or suitable blocking before working underneath. Do not rely on hydraulically supported devices for your safety. They can settle suddenly, leak down, or be accidentally lowered.
- 7. Do not attempt to service machine, clear obstructions or unplug blockages with the engine running. Always shut off engine and allow all motion to cease.
- 8. The manufacturer will not claim responsibility for fitment of unapproved parts and/or accessories and any damages as a result of their use.
- 9. Make sure all shields and guards are securely in place following all service, cleaning, or repair work.
- 10. Do not modify or alter this equipment or any of its components or operating functions. If you have any questions concerning modifications, consult with your dealer.
- 11. Do not operate a unit which is defective or has missing parts. Make sure that all recommended maintenance procedures are completed before operating the unit.
- 12. Check all controls regularly and adjust where necessary.
- 13. Periodically check all nuts and bolts for tightness, especially wheel hub and rim nuts.
- 14. Brush mower blades must be checked for tightness. Remove any twine, wire, etc. that may have gotten wrapped in the brush mower blades.
- 15. To avoid serious personal injury: Escaping hydraulic/diesel fluid under pressure can penetrate the skin causing serious injuries. Do not use your hands to check for leaks. Use a piece of cardboard or paper to search for leaks.
- 16. Stop engine and relieve pressure before connecting lines. Tighten all connections before starting engine or pressurizing lines.

#### **TRANSPORTING**

- 1. Transporting on public roadway: When driving the skid steer and equipment on the road or highway under 25 mph, at night or during the day, use flashing amber warning lights and the Slow Moving Vehicle ("SMV") identification emblem.
- 2. Check local traffic codes that may apply to unit usage on public roads and highways in your area. The use of flashing amber lights is acceptable in most localities. However, some localities may prohibit their use.
- 3. Always disengage equipment drive prior to transporting unit.

#### **STORAGE**

# Before storing the tiller, certain precautions should be taken to protect it from deterioration.

- 1. Clean the brush mower throughout.
- 2. Make all the necessary repairs.
- 3. Replace all safety signs that are damaged, lost, or otherwise become illegible. If a part to be replaced has a sign on it, obtain a new safety sign from your dealer and install it in the same place as on the removed part.
- 4. Repaint all parts from which paint has worn or peeled.
- 5. Lubricate the brush mower as instructed under the "Lubrication" section.
- 6. When the brush mower is dry, oil all moving parts. Apply oil liberally to all surfaces to protect against rust.
- 7. Store in a dry place.

## **OPERATION**

#### **GENERAL PREPARATION**

- 1. Read the operator's manual carefully before using the skid steer and brush mower. Be thoroughly familiar with the controls and proper use of the equipment. Know how to stop the unit and disengage the controls quickly.
- 2. Wear adequate outer garments while operating the equipment.
- 3. Make sure the brush mower is clear of dirt and other material before engaging the brush mower.
- 4. Before engaging the brush mower, always have the engine running at idle.
- 5. Operate the brush mower at maximum to 3/4 engine RPM.

#### **Engine Speed**

- 1. Start the skid steer engine. Let the engine warm up at least one minute before engaging the drive mechanism then increase speed gradually.
- 2. Make sure the brush mower is properly positioned and engage the drive mechanism.
- 3. Adjust the ground speed according to conditions. For maximum power, run engine at or near full throttle.



**WARNING:** 

To avoid serious personal injury: Do not use your hands to unclog the brush mower. Use a 36" (925mm) stick or board. Do not attempt to unclog the brush mower while engine is running. If the chute is clogged, shut off the skid steer engine, remove the key and allow the rotating parts to stop before removing any objects.

#### **Engaging the Drive Mechanism**

Refer to the skid steer's operating manual for instructions.



WARNING: To avoid serious personal injury: Make sure skid steer engine and brush mower come to a complete stop and skid steer drive mechanism is disengaged BEFORE making any adjustments.

# **MAINTENANCE**

Always use genuine parts when replacement parts are required.



WARNING: To avoid serious personal injury:

- ➤ Before cleaning, adjusting or repairing the brush mower: Bring the skid steer to a complete stop, disengage the Aux hydraulics, apply parking brake, lower the implement to the ground, shut off the engine and remove the ignition key.
- > Never park the skid steer inside a building where an open flame or sparks are present. Allow the engine to cool down before storing in any enclosure.
- > Provide adequate blocking before working under the brush mower when in raised position.

# MAINTENANCE - CONTINUED

# **LUBRICATION**

Use oil or grease gun and lubricate as follows:

DESCRIPTION	INTERVAL	LUBRICATION REQUIRED
Bearing	8 hours of operation	Grease each auger bearing.
Gear Box	Once a year	Use 80-90 gear lube.

# **PARTS**

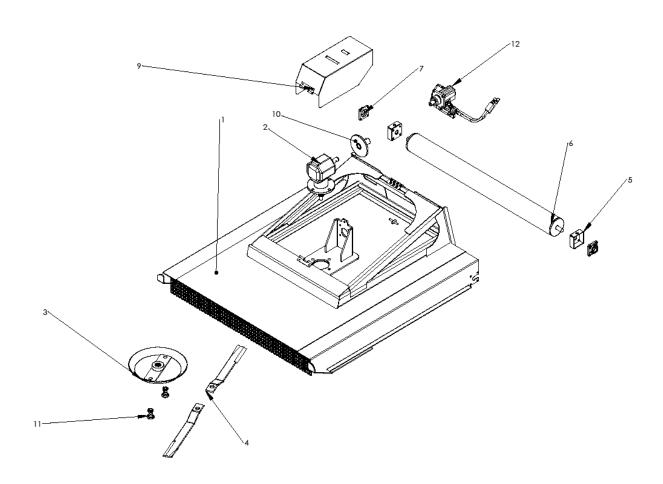
#### **INTRODUCTION**

All parts are illustrated in "exploded views" which show the individual parts in the normal relationship to each other. Reference numbers are used in the illustrations. These numbers correspond to those in the "Item No." column, and are followed by the description and quantity required.

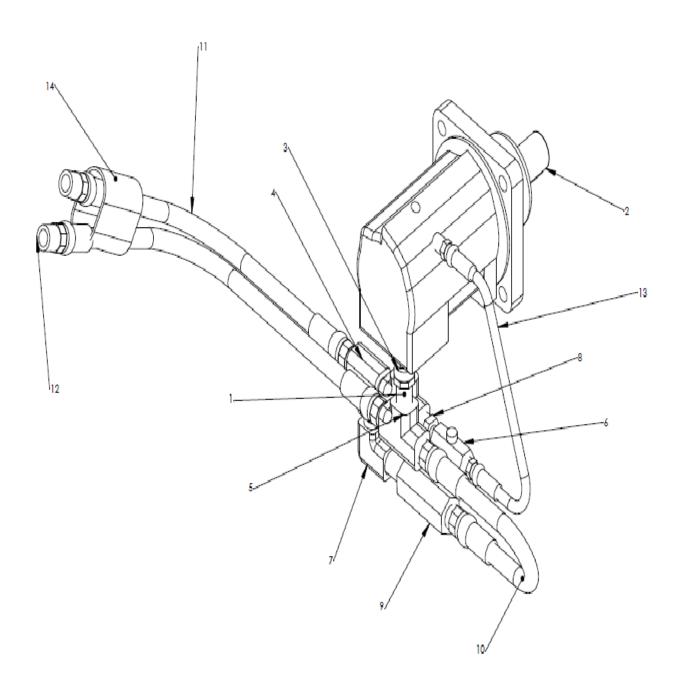
The manufacturer reserves the right to change, modify, or eliminate from time to time, for technical or other reasons, certain or all data, specifications, or the product or products themselves, without any liability or obligation.

# PARTS - CONTINUED

# BRUSH MOWER PARTS AND ASSEMBLY AU-01-1400 REV 3



Item No.	Part Number	Description	Qty.	
1	AU-02-2005-Width Rev2	Brushmower Body	1	
2	AU-03-1153	Gearbox	1	
3	AU-03-1154	Stump Jumper Pan	1	Wearable Item
4	AU-03-1033-Width Rev2	Blade	2	Wearable Item
5	AU-02-2009	Bearing Gaurd	2	Wearable Item
6	AU-02-2006-Width Rev2	Roller Tube	1	
7	6494K35	11/4 Flange Bearing	2	Wearable Item
8	AU-02-2011-Width	Guard	1	
9	AU-03-1156	Hub	1	
10	AU-03-1134 Rev2	Blade Bolt Kit	2	Wearable Item
11	AU-02-2013	Hydraulic Assembly	1	
	<u> </u>	1		_



Item No.	Part Number	Description	Qty.
1	AU-03-3001	1/2 Close Nipple	3
2	AU-03-9911-Width	Hydraulic Motor	1
3	H500-FT11	5/8 ORB To 1/2 NPT Swivel	2
4	AU-03-3002	1/2 NPT ST 'T'	1
5	500FT03	1/2 NPT 'T'	2
6	AU-03-3012	1/4 NPT Check Valve	1
7	H500-FT01	1/2 NPR ST 90	1
8	AU-03-1159	1/2 NPT To 1/4 NPT Reducer	1
9	AU-03-1159	1/2 NPT Check Valve	1
10	H500-1100AA	1/2 x 11.00 Hose	1
11	H500-9200AA	1/2 x 92.00 Hose	1
12	H500-9500AA	1/2 x 95.00 Hose	1
13	H250-1100AA	1/4 x 11.00 Hose	1
14	HSL500-60	Kevlar Hose Sleeve	1

# TORQUE SPECIFICATION TABLE

## **GENERAL SPECIFICATION TABLE**

Use the following torques when special torques are not given. Note: Theses values apply to fasteners as received from supplier, when dry. These values do not apply if lubricants are used.

BOLT SIZES (SAE)	TORQUE		
INCHES	POUNDS-FOOT	NEWTONS-METER	
1/4	5	7	
5/16	10	14	
3/8	20	27	
7/16	25	41	
1/2	88	119	
9/16	121	164	
5/8	165	224	
3/4	297	403	
7/8	440	597	
1	638	865	
1 1/8	840	1139	
1 1/4	1180	1600	
1 3/8	1570	2129	
1 1/2	2070	2807	

BOLT SIZES (METRIC)	TORQUE		
MILLIMETERS	POUNDS-FOOT	NEWTONS-METER	
M6	10	13	
M8	22	30	
M10	40	54	
M12	59	80	
M14	93	126	
M16	130	176	
M18	168	228	
M20	205	278	

## WARRANTY

#### ACCESSORIES UNLIMITED LLC ATTACHMENTS

Accessories Unlimited LLC warrants to its authorized dealers who in turn warrant to the original owner, that each new Accessories Unlimited LLC attachment will be free from proven defects in material and workmanship for twelve (12) months after delivery by the authorized Accessories Unlimited LLC dealer to the original buyer.

During the warranty period, the authorized Accessories Unlimited LLC dealer shall repair or replace, at Accessories Unlimited LLC's option, without charge for parts and labor, any part of the Accessories Unlimited LLC product which fails because of defects in material or workmanship. The owner shall provide the authorized Accessories Unlimited LLC dealer with prompt written notice of the defect and allow reasonable time for replacement or repair. Accessories Unlimited LLC may, at its option, require failed parts to be returned to the factory. Travel time of mechanics and transportation of the Accessories Unlimited LLC product to the authorized Accessories Unlimited LLC dealer for warranty work are the responsibility of the owner. The remedies provided in this warranty are exclusive.

This warranty does not cover replacement of scheduled service items and high wear items. The owner shall rely solely on the warranty, if any, of the respective manufacturers thereof. This warranty does not cover damages resulting from abuse, accidents, alterations, use of the Accessories Unlimited LLC product as an attachment on any equipment not approved by Accessories Unlimited LLC, air flow obstructions, or failure to maintain or use the Accessories Unlimited LLC product according to the instructions applicable to it.

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# OPERATOR'S MANUAL

ACCESSORIES UNLIMITED BRUSH MOWER REV 9.11

MADE IN THE USA