



OWNER'S MANUAL
MODEL NUMBER

700714



BERCO
FINISHING MOWER 60"

* ASSEMBLY
* OPERATION

* REPAIR PARTS
* MAINTENANCE

CAUTION:
READ & FOLLOW ALL SAFETY RULES & INSTRUCTIONS BEFORE
OPERATING YOUR EQUIPMENT

LIMITED WARRANTY

Conditions and Products Covered:

BERCOMAC guarantees any part of the product or accessory manufactured by BERCOMAC and found in the reasonable judgment of BERCOMAC to be defective in material and or workmanship will be repaired or replaced by an authorized dealer without charge up to our maximum labor rates and pre-established times. For replacement parts only standard ground freight services are covered. This warranty extends to the original retail purchaser only and is not transferable to any subsequent purchasers. This warranty applies to the products bought and used in North America.

Warranty Period

(from date of the original retail purchase)

- Residential use: 1 year
- Semi-commercial, professional or rental use: 90 days

Exceptions Noted Below; the following items are guaranteed by the original manufacturer and have their own warranty, conditions and limited time:

- Tire Chains: 90 days
- Engines: Will vary as per the manufacturer
Please refer to the engine manufacturer's warranty statement included with the unit. BERCOMAC is not authorized to handle warranty adjustments on engines.

Items and Conditions NOT Covered:

This warranty does not cover the following:

- Pick-up or delivery charges or in-home services fees.
- Any damage or deterioration of the unit, parts and or finish of these due to normal use, wear and tear, or exposure.
- Cost of regular use or maintenance service or parts, such as gas, oil, lubricants, tune-up parts, and adjustments.
- Any part or accessory which has been altered, modified, misused, neglected, accidentally damaged or not properly installed, maintained, stored or repaired not in accordance with the instructions in the owner's manual.
- Repair due to normal wear and or any wear items such as shear pins, bolts, belts, etc.
- Expedited freight fee services for replacement parts.
- Shear bolts and shear pins are to be considered as a preventive measure not as an assured protection, any damages resulting from the lack of shear bolts breakage are not covered.
- Damages due to product being installed on a vehicle other than stipulated in owner's manual.

NOTE: All warranty work must be performed by an authorized dealer using original (manufacturer) replacement parts.

NOTE: Bercomac reserves the right to change or improve the design of any part or accessory without assuming any obligation to modify any product previously manufactured.

Instructions for Obtaining Warranty Services:

Contact dealer where equipment was purchased or any other BERCO service dealer to arrange service at their dealership. Requests for warranty claims must be carried out through the same distribution network used to purchase the product.. Don't forget to bring your proof of purchase (sales receipt) to the BERCOMAC dealer.

Owner's Responsibilities:

BERCOMAC's defective equipment or part must be returned to an authorized dealer within the warranty period for repairs. In the event that defective merchandise must be returned to manufacturer for repairs, freight fees are prepaid and a written authorization from BERCOMAC must be obtained by dealer prior to the shipment. This warranty extends only to equipment operated under normal conditions. To validate a warranty claim, it is the user's responsibility to maintain and service the unit as specified in the owner's manual or to have the unit serviced at their dealer at their expense.

General Conditions:

The sole liability of BERCOMAC with respect to this warranty shall be strictly and exclusively repair and replacement as mentioned herein. BERCOMAC shall not have any liability for any other costs, loss or damage, including but not limited to, any incidental or consequential loss or damage. Taking advantage of the warranty does not in any way extend the length or renewal of the warranty.

In particular, without being limited to, BERCOMAC shall have no liability or responsibility for:

- Travel time, overtime, after hours time or other extraordinary repair charges or relating to repairs and or replacements outside of normal business hours.
- Rental of like or similar replacement equipment during the period of any, repair or replacement work.
- Any communicating or travel charges.
- Loss or damage to person or property other than that covered by the terms of this warranty.
- Any claims for lost revenue, lost profit or any similar costs as a result of damage or repair.
- Attorney's fees.

BERCOMAC's responsibility in respect to claims is limited to making the required repairs or replacement without charge up to our maximum labor rates and pre-established times and no claim of breach of warranty shall be cause for cancellation or rescission of the contract of sale of any product or accessory. In no event recovery of any kind be greater than the amount of the purchase price of the product sold.

This warranty gives you specific legal rights. You may also have other rights, which vary from state to state.

TABLE OF CONTENTS

	PAGE
INTRODUCTION	1
SAFETY PRECAUTIONS	2
SAFETY DECALS	4
ASSEMBLY	
Assembly instructions	5
Step 1 Engine and battery preparation	6
Step 2 Caster wheel assembly	6
Step 3 Tow bar assembly	7
Step 4 Deflector assembly	7
Step 5 Height scale assembly.....	8
Step 6 Control box support installation	8
OPERATION	9
ADJUSTMENTS	13
MAINTENANCE	15
GENERAL TROUBLESHOOTING	16
TORQUE SPECIFICATION TABLE	17
PARTS BREAKDOWN AND PARTS LIST	
Finishing mower	18
Mower assembly	20
Support assembly	22
Deck assembly	24
Engine assembly	27
Control box assembly	29
Tensioner assembly	32
Hitch bar assembly	33

INTRODUCTION

TO THE PURCHASER

This new accessory was carefully designed to give years of dependable service. This manual has been provided to assist in the safe operation and servicing of your attachment.

NOTE: All photographs and illustrations in the manual may not necessarily depict the actual models or attachment, but are intended for reference only and are based on the latest product information available at the time of publication.

Familiarize yourself fully with the safety recommendations and operating procedures before putting the machine to use. Carefully read, understand and follow these recommendations and insist that they be followed by those who will use this attachment.



THIS SAFETY ALERT SYMBOL IDENTIFIES AN IMPORTANT SAFETY MESSAGE IN THIS MANUAL THAT HELPS YOU AND OTHERS AVOID PERSONAL INJURY OR EVEN DEATH. DANGER, WARNING, AND CAUTION ARE SIGNAL WORDS USED TO IDENTIFY THE LEVEL OF HAZARD. HOWEVER, REGARDLESS OF THE HAZARD, BE EXTREMELY CAREFUL.

DANGER: Signals an extreme hazard that will cause serious injury or death if recommended precautions are not followed.

WARNING: Signals a hazard that may cause serious injury or death if the recommended precautions are not followed.

CAUTION: Signals a hazard that may cause minor or moderate injury if the recommended precautions are not followed.

Record your attachment serial number and purchase date in the section reserved below (there is no serial number on the subframe). Your dealer requires this information to give you prompt, efficient service when ordering replacement parts. Use only genuine parts when replacements are required.

If warranty repairs are required please present this registration booklet and original sales invoice to your selling dealer for warranty service.

This manual should be kept for future reference.

Please check if you have received all the parts for your kit with the list of the bag and the list of the box.

SERIAL NUMBER : _____
(IF APPLICABLE)

MODEL NUMBER: _____

PURCHASE DATE : _____



SAFETY PRECAUTIONS



Careful operation is your best insurance against an accident. Read this section carefully before operating the vehicle and accessory. This accessory is capable of amputating hands and feet and throwing objects. Failure to observe the following safety instructions could result in serious injury. All operators, no matter how experienced they may be, should read this and other manuals related to the vehicle and accessory before operating. It is the owner's legal obligation to instruct all operators in safe operation of the accessory.

GLOSSARY:

In this manual, right and left sides are determined by sitting on the seat of the vehicle facing forward.

In this manual, "accessories" means attachments (snowblower, rotary broom, blade etc.) that you install on the vehicle (lawn tractors, A.T.V. s etc).

TRAINING:



This symbol, "Safety Alert Symbol", is used throughout this manual and on the accessory's safety labels to warn of the possibility of serious injury. Please take special care in reading and understanding the safety precautions before operating the vehicle and accessory.

1. Read this owner's manual carefully. Be thoroughly familiar with the controls and proper use of the vehicle and accessory. Know how to stop the unit and disengage the controls quickly.
 2. Never allow children to operate the vehicle nor the accessory. Never allow adults to operate the vehicle nor the accessory without proper instructions. Children are often attracted to accessories. Never assume children will stay in place where you have last seen them. Keep children under surveillance of a responsible adult at all times.
 3. No one should operate the vehicle nor the accessory while intoxicated or while taking medication that impairs the senses or reactions.
 4. Keep the area of operation clear of all people, particularly small children and pets.
 5. Never start or operate the accessories except from the operator's station on the power unit except if this is impossible.
- ### **PREPARATION:**
1. Thoroughly inspect the area where the accessory is to be used and remove door mats, all foreign objects and the like which could be pick up and projected by accessory.
 2. For motorized accessories, disengage all clutches and shift into neutral before starting engine.
 3. Prepare for emergencies. Be prepared if a fire starts. Keep first aid kit and fire extinguisher handy. Keep emergency phone numbers (doctor, ambulance, ect) near a phone
 4. Do not operate the accessory without wearing adequate outer garments. Avoid loose fitting clothing that can get caught in moving parts. Wear footwear that will improve footing on slippery surfaces.
 5. Handle fuel with care, it is highly flammable.
 - a) Use approved fuel container.
 - b) Never add fuel to a running engine or hot engine.
 - c) Fill fuel tank outdoors with extreme care. Never fill fuel tank indoors.
 - d) Never fill containers inside a vehicle, or on a truck or a trailer bed with a plastic liner. Always place containers on the ground, away from your vehicle, before filling.
 - e) 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 directly from a gasoline dispenser nozzle.
 - f) Keep the nozzle in contact with the rim of the fuel tank or container opening at all times, until refueling is complete. Do not use a nozzle lock-open device.
 - g) Replace fuel cap securely and wipe up spilled fuel.
 - h) If fuel is spilled on clothing, change clothing immediately.
 6. Never attempt to make any adjustments while the engine (motor) is running (except when specifically recommended by manufacturer).
 7. Let the vehicle and accessory adjust to outdoor temperatures before using.
 8. Never use an accessory without proper guards, plates, or other safety protective devices in place
 9. Always make sure to wear the appropriate safety equipment required (glasses, muffs, mask...) for each type of product. See operation section.
 10. Always make sure of having safe traction on the vehicle by using the recommended accessories (chains, A.T.V. tracks, counterweights...). See operation section.
 11. Always make sure all components are correctly installed. (driveline securely attached and locked at both ends, belts properly installed...)
 12. If applicable, always handle the winch cable with thick leather gloves.
 13. **Never modify the accessory or any part without the written consent from the manufacturer.**



SAFETY PRECAUTIONS



OPERATION:

1. Do not put hands or feet near, under or inside rotating parts.
2. Exercise extreme caution when operating on or crossing gravel drives, walks or roads. Stay alert for hidden hazards or traffic. Do not carry passengers.
3. After striking a foreign object, stop the engine (motor), disconnect the wire from the spark plug(s) and keep wire away to prevent accidental starting. Thoroughly inspect the accessory for any damage and repair damage before restarting and using the accessory.
4. If the unit should start to vibrate abnormally, stop the engine (motor) and check immediately for the cause. Vibration is generally a warning of trouble. Do not use equipment until properly repaired.
5. Take all possible precautions when leaving the vehicle unattended. Disengage the power take-off, lower the attachment, place the transmission into neutral, set the parking brake, stop the engine and remove the ignition key.
6. Do not run the engine indoors, except when starting the engine and for transporting in or out of the building. Do not operate or let motor run in a storage area without ventilation because gas contains carbon monoxide which is odorless, colorless and can cause death.
7. Never use the accessories across the face of slopes, go from top to bottom. Exercise extreme caution when using equipment on slopes. Do not attempt to use accessory on a steep slope.
8. Never tolerate bystanders in the working zone. Never use an accessory in the direction of bystanders, it might throw gravel or debris that can hurt people or damage property.
9. Never operate the accessory at high transport speeds on slippery surfaces. Use care when backing up.
10. Do not carry passengers.
11. Disengage power to the accessory when it is transported or not in use.
12. Never operate the accessory without good visibility or light.
13. Keep the accessory away from heat sources or flames.
14. If applicable, never handle the winch cable or hook while under tension.
15. Never use accessory if it has been dropped or damaged. Repair if necessary before re-using.

MAINTENANCE AND STORAGE

1. When cleaning, repairing or inspecting the vehicle and accessory: stop the engine, set brake, remove ignition key, and wait that all moving parts have stopped. For gasoline engine, disconnect wire from the spark plug(s) and keep wire away to prevent accidental starting.
2. Check all the bolts and components at frequent intervals to make sure that they are properly tightened and in safe working condition.
3. Never store a motorized accessory with fuel in the fuel tank inside a building where ignition sources are present such as hot water and space heaters, clothes dryers, and the like. Allow the engine to cool before storing in any enclosure.
4. Always refer to the owner's manual when you store the accessory and vehicle for a prolonged or an unspecified length of time.
5. Maintain or replace safety and instruction labels, as necessary.
6. For winter accessories, (if applicable), let the engine run for a few minutes after clearing snow in order to prevent the rotary parts from freezing.
7. Inspect the vehicle's and accessory's air filter (if applicable) every day. Clean it or replace it as necessary. Change the oil more often when working in dusty conditions. See the vehicle's and accessory's owner's manual.

TRANSPORT

1. Review Transport Safety instructions in vehicle manual before moving.
2. Check with local authorities regarding transport on public roads and off road. Obey all applicable laws and regulations.
3. Make sure all lights and reflectors that are required by the local highway and transport authorities (example : SMV (Slow Moving Vehicle)) are in place, are clean, and can be seen clearly by all overtaking and oncoming traffic.
4. Never have the equipment in operation during transport.
5. Always travel at a safe speed.

SAFETY LABELS

REPLACE IF DECALS ARE DAMAGED
SEE PARTS BREAKDOWN FOR DECAL LOCATION



Decal #107584



Decal #107585



Decal #105128

ASSEMBLY

ASSEMBLY INSTRUCTIONS

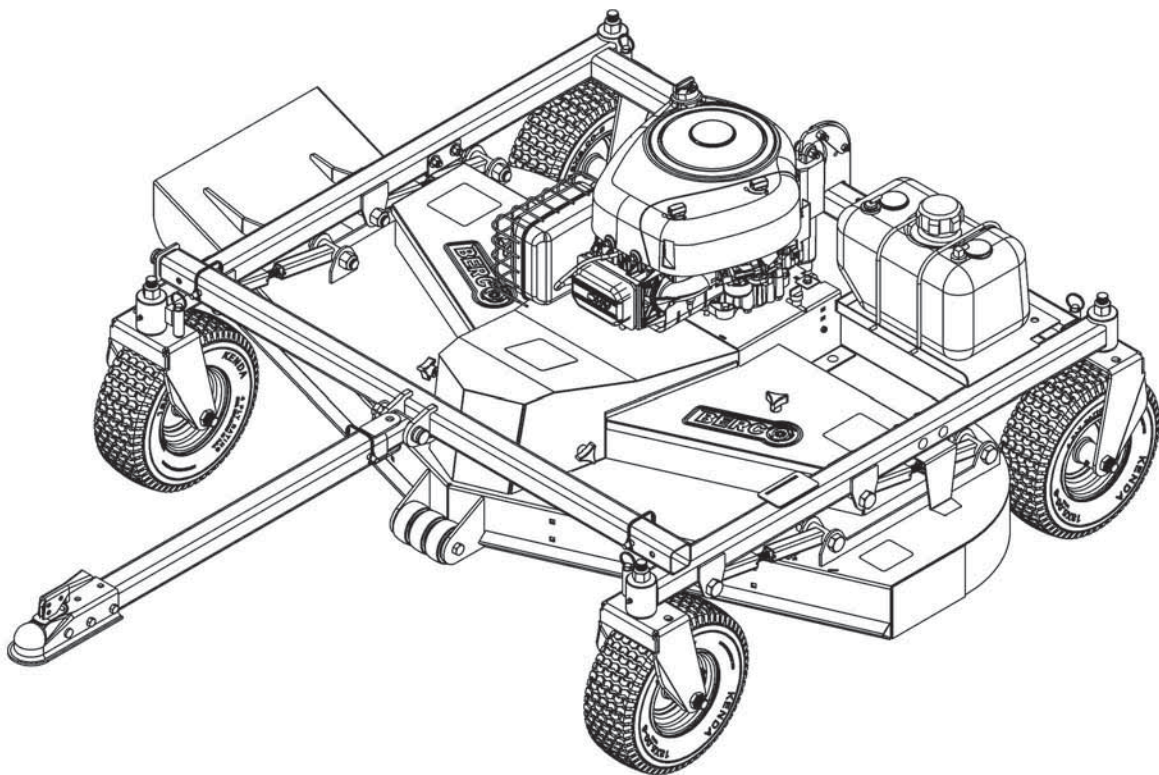
IMPORTANT: UNLESS OTHERWISE SPECIFIED TORQUE ALL BOLTS ACCORDING TO TORQUE SPECIFICATION TABLE (SEE TABLE OF CONTENTS) WHEN STATED: TIGHTEN FIRMLY. REFER TO PARTS BREAKDOWN SECTION FOR PART IDENTIFICATION.

NOTE: In this manual, the right and left side is determined being seated on the driver's seat facing forward.

INTENDED USE

This Finishing mower is designed to produce a quality finish cut on lawns, golf courses, etc. It is not designed to clear brush or cut saplings. Your Finishing mower should be towed behind an ATV, a golf cart, tractor, or similar approved vehicle. It is not meant for speeds exceeding 5 mph. Please refer to the towing vehicle's manual and respect the towing capacities specified.

Remove the mower and all the other components from the crate.



Overall view once assembled

ASSEMBLY

STEP 1

ENGINE AND BATTERY PREPARATION

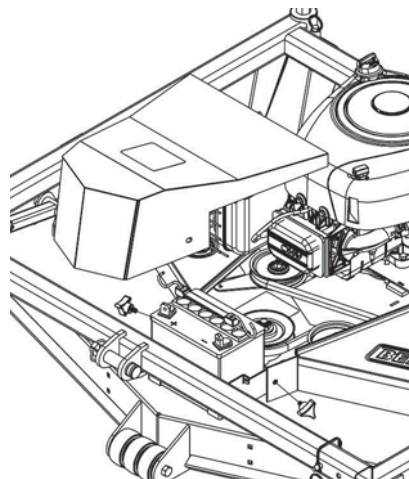
Disengage spark plug wire and place it where it cannot make a connection.

Add oil in the engine. Verify oil level and add if necessary before starting engine. (See engine owner's manual).

U1 battery must be purchased locally:

Check the battery. If the battery is put into service after the "month and year" of the date on the battery, it may need to be charged with a 12 volt battery charger. Follow the manufacturer's instructions for the battery or for the battery charger.

Attach battery cables to the battery, making sure to attach the red wire to the positive terminal first and the black wire to the negative terminal second. Secure in place with the rubber ties.



NOTE: It is important to put the protection cap on the battery's red post . Failure to install the cap can cause injury or damage.

STEP 2

CASTER WHEEL ASSEMBLY

Assemble the four wheels on the wheel support as shown. Insert the wheel (item 1) on the wheel support (item 2). Secure in place using a bolt 3/4 x 6-1/2" (item 3) and a thin nylon inset lock nut 3/4" (item 4).

Make sure there is a slight play between the wheel fork and the bearings, this will guarantee that the bearings are not too tight. Make sure the wheel turns freely after completing the assembly.

Then insert the lock pins (item 5) in place to lock the wheels.

Lock the **four wheels** when:

- Transporting between mowing zones.

- Mowing at high speed (max speed 5 mph).

- Mowing in a sector that does not require tight turns.

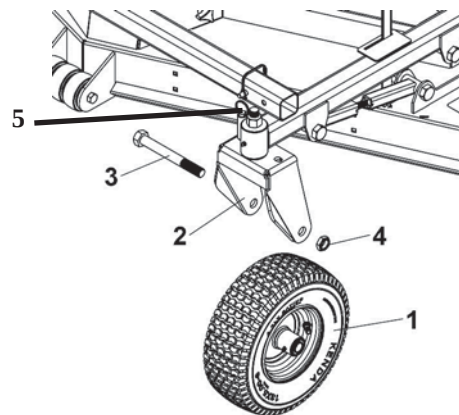
Lock **two wheels** when:

- Mowing in all conditions.

No wheels are locked:

- Only when the mower is used in the front. (requires optional subframe)

Unlocking the four wheels when the mower is attached at the back of the vehicle can cause loss of control which will cause injuries or even death.



ASSEMBLY

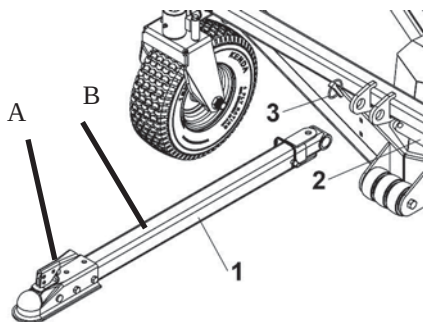
STEP 3

TOW BAR ASSEMBLY

NOTE: If you do not want to use the 2" ball on your vehicle, it is possible to remove the hitch (item A) and turn around the hitch arm (item B) to use an attaching system with a plate instead of using a ball.

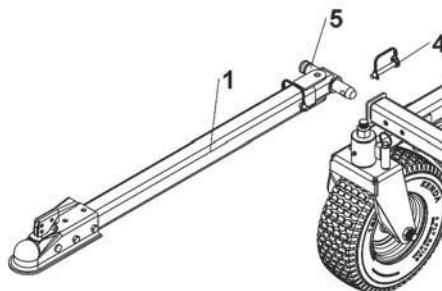
Central position:

Put the tow bar in place (item 1) with the help of a pin (item 2) and the lynch pin (item 3).



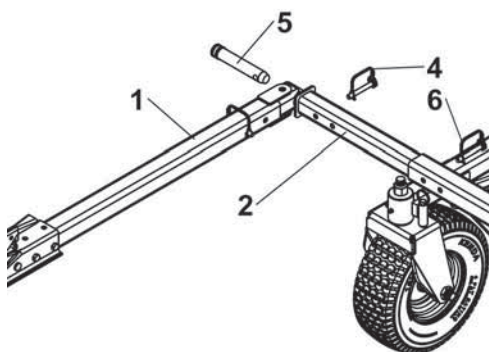
Left or right partial offset position:

Remove the lock pin (item 4), insert the pin (item 5) in the tow bar (item 1) then reinsert the pin (item 5) in place.



Left or right offset position:

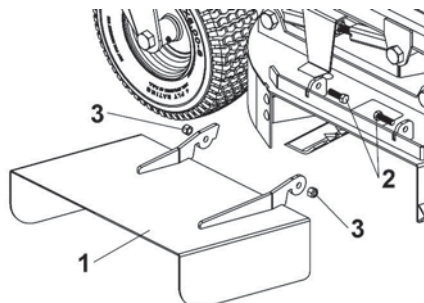
Remove the lock pin (item 4) and remove the pin (item 5). Pull the extension arm (item 2) and secure as shown with the lock pin (item 6) from the other side of the frame (original location not shown). Complete the assembly by installing the tow bar (item 1) to the extension arm with the pin (item 5) and the lock pin (item 4)



STEP 4

DEFLECTOR ASSEMBLY

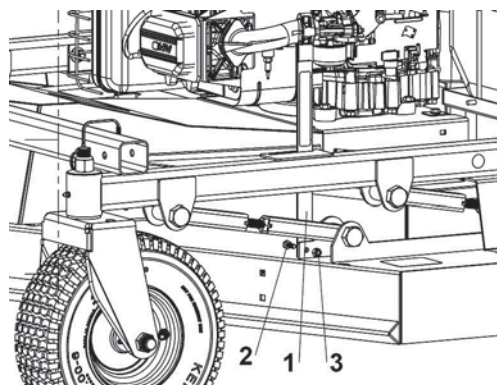
Install the deflector (item 1) with two bolts (item 2) and two nuts (item 3).



ASSEMBLY

STEP 5 **HEIGHT SCALE ASSEMBLY**

Install the height scale (item 1) with two bolts (item 2) and two nuts (item 3).



STEP 6 **CONTROL BOX SUPPORT** **INSTALLATION**

Choose between the two ways of installing the control box support (item 1).

Option A

Use two hex bolts 1/4" x 1 1/2" (item 2), two spacers (item 3) and two flange nuts 1/4" (item 4) to attach the control box support to the support brackets (item 5).

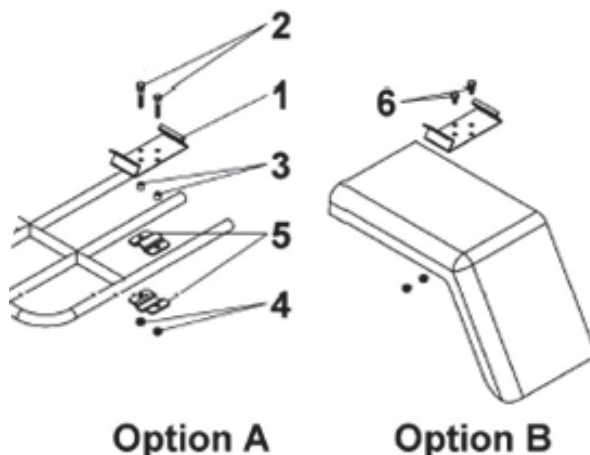
NOTE: Choose the right hole combination on the control box support in order to orient the front of the control box towards the driving controls of the vehicle. (see operation section to see how control box is oriented), Furthermore, make sure to have free access at all times to the equipment's controls in order to safely control the equipment.

Option B

Drill two holes of 1 9/16" apart on the vehicle. Secure the control box support with two bolts 1/4" x 1/2" (item 6) and two flange nuts 1/4".

Insert the control box in the control box support.

NOTE: In order to prevent damage due to water accumulation, make sure to place the control box horizontally.



OPERATION



CAUTION



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



DANGER



ALWAYS OPERATE FROM THE DRIVER'S SEAT AND ALWAYS INSTALL ON YOURSELF THE EMERGENCY SWITCH LANYARD THAT IS LINKED TO THE CONTROL BOX.

NEVER OPERATE WITHOUT THIS LANYARD IN PLACE.

OPERATING THE MOWER

The operation of any mower can produce foreign objects to be thrown into the eyes, resulting in severe eye damage.

Always wear certified safety glasses or wide-vision safety goggles over spectacles before starting any cutting machine and while operating such a machine.

The operation of any mower produces sound waves that are damaging to the human ear. Ear protection is recommended.

Do not operate on slopes of more than 15 degrees.

Do not use equipment driving backwards. Always look down and behind, before and while driving backwards.

ATTACHING THE MOWER TO TOW VEHICLE

A 2" BALL IS REQUIRED ON THE TOWING VEHICLE. IF NOT, IT IS POSSIBLE TO USE AN ATTACHING SYSTEM WITH A PLATE (SEE ASSEMBLY SECTION).

Back vehicle up to desired towing position.

Offset the mower to the side opposite the tow vehicle discharge (if any). This prevents the tow vehicle from throwing grass into mower engine.

OPERATION

INSTALL THE CONTROL BOX IN ITS SUPPORT

Put the control box in the support previously installed.

Attach the electrical cable and the engine control cable to the equipment and to the vehicle, if necessary use cable ties. The control wire must go under the axle support.

NOTE: Be careful to secure the cables to avoid any damage caused by a contact with the vehicle, equipment itself or any other object that can be found in the area of these cables.

FAMILIARIZATION WITH THE CONTROL BOX

Item 1: Ignition switch.

Using the key: Allows to start the engine or you may turn the key to the accessory setting to activate the controls without starting the engine. The light (item 7) is on when the key is turned to the accessory or start setting.

Always remove the key when the equipment is left without surveillance.

Item 2: Throttle lever

Push towards the front to increase engine speed, push completely to the end to "start"

Item 3: Emergency switch

Push to stop equipment quickly.

Item 4: Safety lanyard:

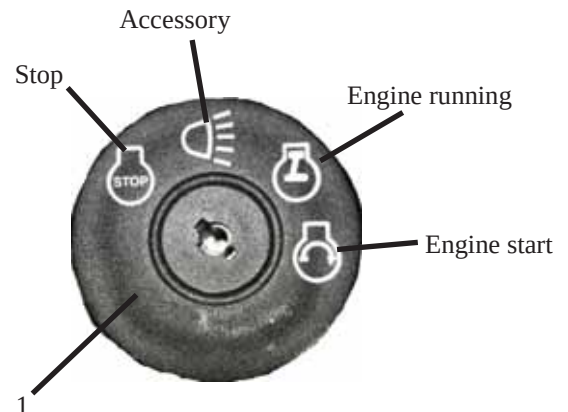
Links the operator to the control box. If the operator leaves the driver's seat without stopping the equipment, the equipment will stop (the cable will disconnect itself from the control box).

Item 5: Engagement switch

Pull to engage, push to disengage. The light (item 8) is on when equipment is engaged.

Item 6: Height adjustment switch.

Allows to adjust the cutting height.



OPERATION

STARTING THE ENGINE

See engine manufacturer's recommendations for the type and amount of oil and fuel used.

Make sure the tow vehicle parking brake is set, mower is level, and blades are disengaged. Engine must be level to accurately check and fill oil.

Do not overfill.

Check spark plug wire, oil, and fuel.

Check all electrical connections for debris buildup .

BEFORE STARTING TO WORK, SIT ON THE DRIVER'S SEAT AND ALWAYS MAKE SURE TO INSTALL ON YOURSELF THE EMERGENCY SWITCH LANYARD THAT IS LINKED TO THE CONTROL BOX.

Using the control box, follow these steps:

Set the throttle lever on the control box to "START" position.

Turn key to the "ACCESSORY" setting, then to the "START" setting.

Set throttle lever to minimum RPM.

Allow engine to idle a few moments before engaging the blades.

ENGAGING BLADES

BEFORE ENGAGING THE BLADES, MAKE SURE THE ENGINE IS RUNNING AT MINIMUM RPM.

NOTE: Do not attempt to start the unit with engagement knob pulled up in the "ENGAGED" position.

Engage blades by pulling up the knob.

Push down the knob to disengage the blades.

Then gradually increase the engine's rpm to maximum.

OPERATION & TRANSPORTATION

BREAKING IN YOUR MOWER

Set the vehicle parking brake and chock the wheels.

While the engine is running, slowly engage blade control.

In a safe environment, (i.e. no children or pets) allow blades to rotate and engine to idle for 5 minutes, breaking in the belt for a longer life.

Stop cutter.

STOPPING THE ENGINE

Make sure the tow vehicle parking brake is set.

Disengage cutting blades.

Reduce engine to idle speed and allow engine to run momentarily for cooling.

Turn the key to the "OFF" position.

STARTING TO CUT

Adjust the cutting height using the height adjustment knob on the control box.

Double check that the mower is well attached to vehicle.

Following the instructions "Starting the engine" on the preceding page, start the mower engine.

Engage the blades following the instructions on the preceding page.

Start mowing at a slow travel speed.

STOPPING THE CUTTING SESSION

Bring tow vehicle to a complete stop, set the parking brake and disengage blades.

Turn ignition key to the "OFF" position.

Always remember to remove keys to avoid accidental starting and irresponsible usage.

SUGGESTED MOWING PRACTICES

Operate mower engine at full throttle to assure the best cutting performance and maximum material discharge.

Allow wet grass to dry. Clumps of wet grass will collect under the mowing deck.

Mowing should be started with tow vehicle in low gear and increased only as safe mowing conditions permit. **This speed should not exceed 5 mph.**

The average lawn should be cut to approximately 2.5" during the cool season and to over 3" during the hot months.

For a healthier lawn and better esthetics, your lawn should be mowed often and after moderate growth.

When cutting high or dense grass areas, go slowly. Some areas may need to be mowed twice. The second cut should be at 90 degrees to the first, if possible.

Do not attempt to cut areas that the tow vehicle cannot maneuver through and/or slopes that you do not feel comfortable riding.

TRANSPORTING MOWER

Stop mower properly and wait for all moving parts to stop.

Place mower deck in its highest position.

If transporting without the use of a tow vehicle, then remove spark plug wire and place where it cannot

ADJUSTMENTS



WARNING



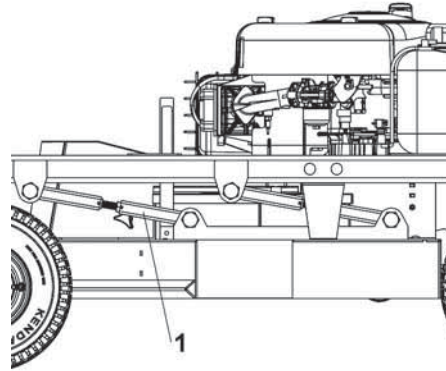
STOP THE ENGINE AND DISCONNECT THE SPARK PLUG CABLE BEFORE DOING ANY ADJUSTMENTS ON THE MOWER

FRONT TO BACK ADJUSTMENT

For best cutting results, the cutter deck should be parallel to the ground. To check parallel adjustment, measure the distance from the bottom edge of the deck in both the front and rear of the deck. This adjustment is best done while the tow vehicle and mower are attached together.

Adjust as needed by turning the front adjustment arms (item 1). Turn clockwise to lift the front of the mower and turn counter clockwise to lower the front of the mower.

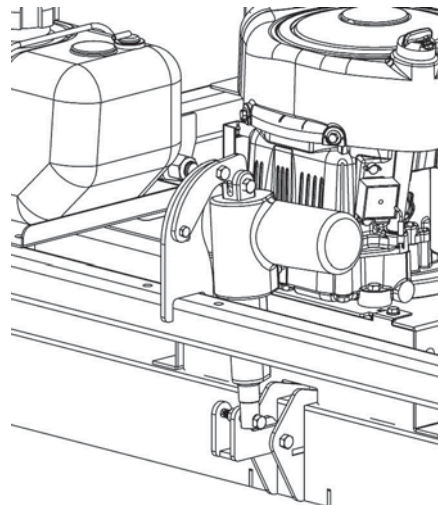
Make sure to have the same adjustment on both sides of the mower.



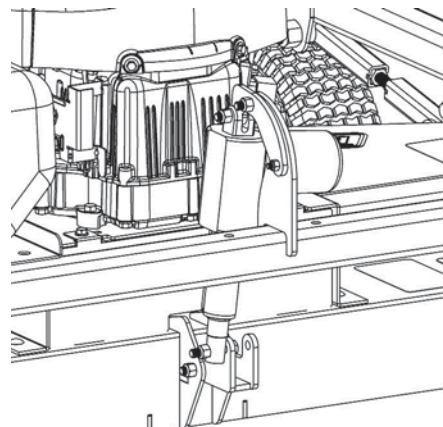
LATERAL ADJUSTMENT

The mower must cut evenly from left to right. If this is not the case, adjust the position of the actuator to adjust this.

If the mower is lower on the right side than on the left side, put the actuator on the right side.



If the mower is lower on the left side than on the right side, put the actuator on the left side.



ADJUSTMENTS

CUTTING HEIGHT ADJUSTMENT

There is approximately 4" of height adjustment. It is not required to disconnect the spark plug for this step, since it is done from the driver's seat.

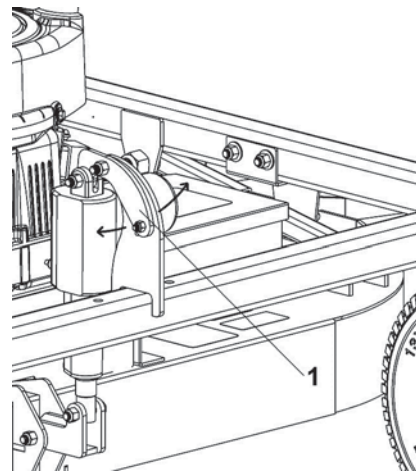
Adjust the height with the knob for the height control on the control box.

Dense areas should be cut in two passes.

Push handle down to lock height position in place.

MAXIMUM AND MINIMUM CUTTING HEIGHT ADJUSTMENT

Use the other adjustment holes (item 1) on the actuator support. The mower must never come into contact with the lift stoppers.



TOW HITCH OFFSET

Offset the mower to the opposite side of the discharge chute of the tow vehicle

It is recommended if the tow vehicle is equipped with a mid-mount mower to overlap the cut approximately 6". This may vary depending on mowing terrain, obstacles, and/or tow vehicle. Always keep safety the first priority.

Always keep the tow vehicle cutter raised higher than the mower.

MAINTENANCE

ALWAYS PRACTICE SAFE MAINTENANCE

Always understand the procedures before doing any work. Use the proper tools and equipment, refer to the Owner's manual for additional information.

GENERAL RECOMMENDATIONS

The warranty on this mower does not cover items that have been subjected to operator abuse or negligence. To receive full value from the warranty, operator must maintain unit as instructed in this manual. Some adjustments will need to be made periodically to maintain your unit properly.

Regularly inspect under the guards and near the battery to eliminate all accumulations of debris.

BEFORE EACH USE

Check engine oil level. Check twice to insure an accurate reading.
Check condition of air filter; clean and replace as necessary.
Check blade operation; keep blades in good condition.
Check for loose fasteners and tighten them as needed.

AFTER EACH USE

Keep blades sharp.
Remove fresh grass clippings with garden hose.
Grass clippings hardened to the underside should be scraped out with a putty knife.
Keep fluids at proper levels.
You may cover the mower to prevent rain or other debris buildup or simply cover the engine.

BEFORE AND/OR AFTER EACH SEASON

Replace the spark plug.
Clean or replace the air filter.
A new spark plug and clean air filter assures proper air-fuel mixture and helps your engine run better and last longer.
Check blades and belts for wear. Replace as necessary.

DAILY MAINTENANCE

Make sure all nuts and bolts are tight and cotter pins and retainer springs are secure.

Keep blades sharp.

Observe all safety precautions.

BLADE CARE AND SERVICE

For best results blades must be kept sharp. The blades can be sharpened with a few strokes of a file or grinding wheel.

DO NOT ATTEMPT to sharpen the blades while installed on the mower. ***Disconnect spark plug wire before servicing unit.***

Important: Replace blades that have been damaged or deeply nicked.

Important: Check blade and spindle hardware on a regular basis to make sure nuts are tight



CAUTION



DO NOT HANDLE MOWER BLADES WITH BARE HANDS. CARELESS OR IMPROPER HANDLING MAY RESULT IN SERIOUS INJURY.

STORAGE RECOMMENDATIONS



CAUTION



DO NOT STORE ENGINE INDOORS OR OTHER POORLY VENTILATED AREA. KEEP ENGINE AWAY FROM GAS APPLIANCES WHERE FUMES COULD CONTACT OPEN FLAME, PILOT LIGHTS OR SPARKS.

IF ENGINE IS STORED FOR 30 OR MORE DAYS, PREPARE UNIT AS FOLLOWS:

Drain fuel outside into an approved container.

Start engine properly and run until unit is out of fuel.

Let engine cool.

Remove remaining gasoline from carburetor and fuel tank to prevent gum deposits from forming within the engine. Gum deposits can cause malfunction in the engine.

Store mower with blades disengaged to prevent belts from being permanently stretched.

GENERAL TROUBLESHOOTING

The mower is not cutting level.

See adjustment section.

The mower is not level.

See adjustment section

The engine will not start.

Disengage blades, turn the key to "ON" position, check battery and all other electrical connections, and inspect spark plug and wire.

Check for fuel in the engine.

Engine runs poorly.

See engine manual.

Check throttle adjuster.

Replace fuel, clean fuel filter and fuel line.



CAUTION



IF PROBLEMS PERSIST HAVE A QUALIFIED MECHANIC SERVICE THE MOWER. NEVER ATTEMPT TO MAKE AN ADJUSTMENT THAT YOU ARE NOT SURE IS CORRECT. DOING SO CAN CAUSE OTHER PROBLEMS.

WEAR YOUR SAFETY GLASSES

FORESIGHT IS BETTER THAN NO SIGHT.

TORQUE SPECIFICATION TABLE

GENERAL TORQUE SPECIFICATION TABLE USE THE FOLLOWING TORQUES WHEN SPECIAL TORQUES ARE NOT GIVEN

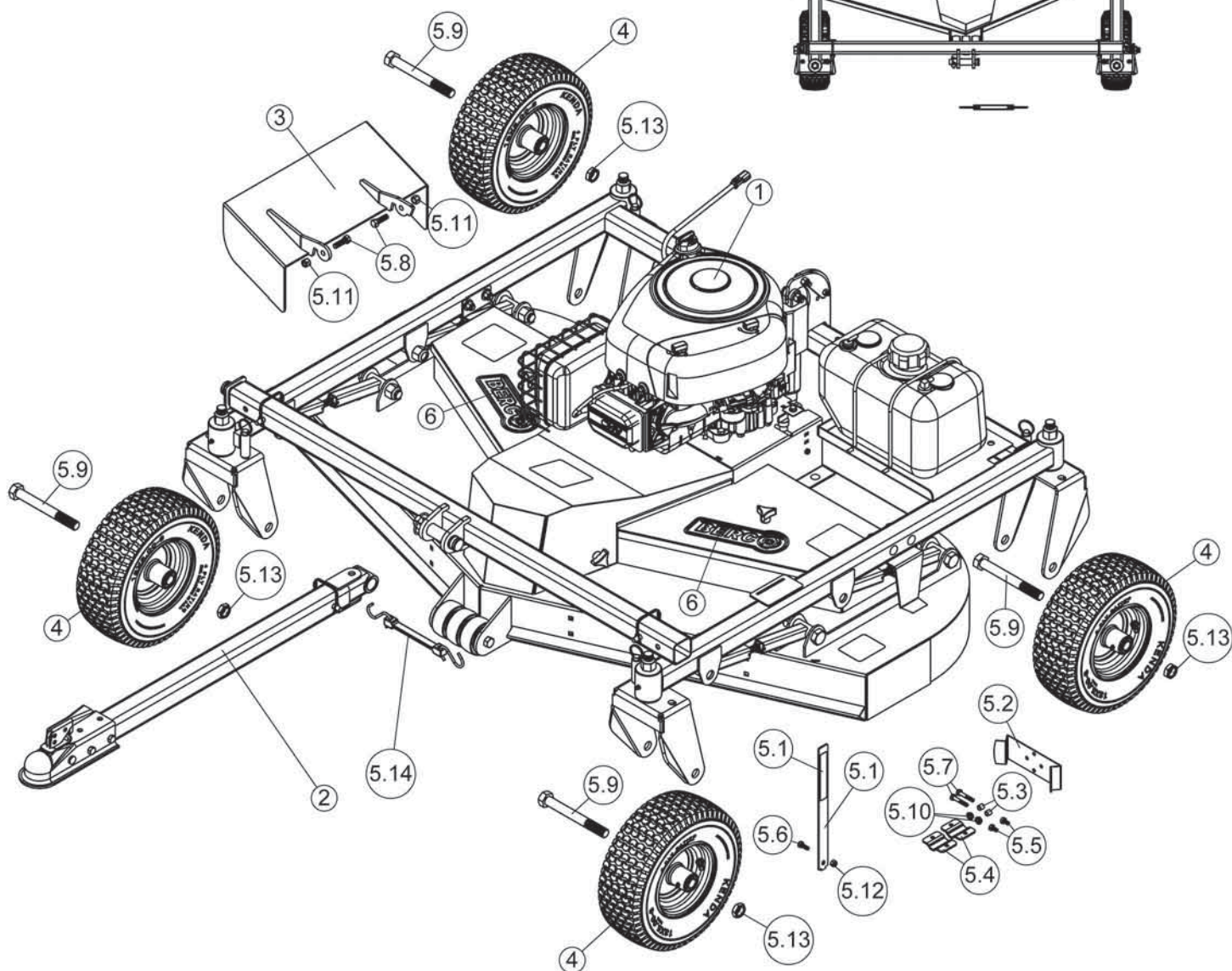
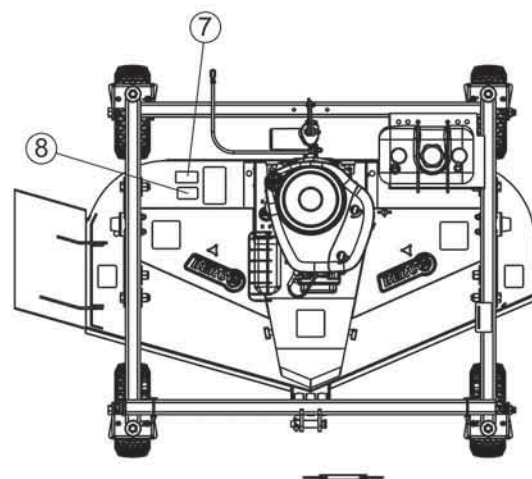
NOTE: These values apply to fasteners as received from supplier, dry or when lubricated with normal oil. They do not apply if special graphited or moly disulphide greases or other extreme pressure lubricants are used. This applies to both UNF and UNC threads.

* Thick nuts must be used with grade 8 bolts

SEE Grade No.		2				5				8 *			
BOLT HEAD IDENTIFICATION MARKS AS PER GRADE NOTE MANUFACTURING MARKS WILL VARY		TORQUE				TORQUE				TORQUE			
BOLT SIZE		FOOT POUNDS		NEW TON-METERS		FOOT POUNDS		NEW TON-METERS		FOOT POUNDS		NEW TON-METERS	
Inches	Millimetre	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.
1/4"	6.35	5	6	6.8	8.13	9	11	12.2	14.9	12	15	16.3	30.3
5/16"	7.94	10	12	13.6	16.3	17	20.5	23.1	27.8	24	29	32.5	39.3
3/8"	9.53	20	23	27.1	31.2	35	42	47.5	57	45	54	61	73.2
7/16"	11.11	30	35	40.7	47.4	54	64	73.2	86.8	70	84	94.9	113.9
1/2"	12.7	45	52	61	70.5	80	96	108.5	130.2	110	132	149.2	179
9/16"	14.29	65	75	88.1	101.6	110	132	149.2	179	160	192	217	260.4
5/8"	15.88	95	105	128.7	142.3	150	180	203.4	244.1	220	264	298.3	358
3/4"	19.05	150	185	203.3	250.7	270	324	366.1	439.3	380	456	515.3	618.3
7/8"	22.23	160	200	216.8	271	400	480	542.4	650.9	600	720	813.6	976.3
1"	25.4	250	300	338.8	406.5	580	696	786.5	943.8	900	1080	1220.4	1464.5

METRIC BOLT TORQUE SPECIFICATIONS							
		COARSE THREAD			FINE THREAD		
Size Screw	Grade No.	Pitch (mm)	Foot Pounds	Newton-Meters	Pitch (mm)	Foot Pounds	Newton-Meters
M6	4T	1.00	3.6 - 5.8	4.9 - 7.9	-	-	-
	7T		5.8 - 9.4	7.9 - 12.7		-	-
	8T		7.2 - 10	9.8 - 13.6		-	-
M8	4T	1.25	7.2 - 14	9.8 - 19	1.00	12 - 17	16.3 - 23
	7T		17 - 22	23 - 29.8		19 - 27	25.7 - 36.6
	8T		20 - 26	27.1 - 35.2		22 - 31	29.8 - 42
M10	4T	1.50	20 - 25	27.1 - 33.9	1.25	20 - 29	27.1 - 39.3
	7T		34 - 40	46.1 - 54.2		35 - 47	47.4 - 63.7
	8T		38 - 46	51.5 - 62.3		40 - 52	54.2 - 70.5
M12	4T	1.75	28 - 34	37.9 - 46.1	1.25	31 - 41	42 - 55.6
	7T		51 - 59	69.1 - 79.9		56 - 68	75.9 - 92.1
	8T		57 - 66	77.2 - 89.4		62 - 75	84 - 101.6
M14	4T	2.00	49 - 56	66.4 - 75.9	1.50	52 - 64	70.5 - 86.7
	7T		81 - 93	109.8 - 126		90 - 106	122 - 143.6
	8T		96 - 109	130.1 - 147.7		107 - 124	145 - 168
M16	4T	2.00	67 - 77	90.8 - 104.3	1.50	69 - 83	93.5 - 112.5
	7T		116 - 130	157.2 - 176.2		120 - 138	162.6 - 187
	8T		129 - 145	174.8 - 196.5		140 - 158	189.7 - 214.1
M18	4T	2.00	88 - 100	119.2 - 136	1.50	100 - 117	136 - 158.5
	7T		150 - 168	203.3 - 227.6		177 - 199	239.8 - 269.6
	8T		175 - 194	237.1 - 262.9		202 - 231	273.7 - 313
M20	4T	2.50	108 - 130	146.3 - 176.2	1.50	132 - 150	178.9 - 203.3
	7T		186 - 205	252 - 277.8		206 - 242	279.1 - 327.9
	8T		213 - 249	288.6 - 337.4		246 - 289	333.3 - 391.6

NOMENCLATURE ET LISTE DES PIÈCES / PARTS BREAKDOWN & PART LIST
 Tondeuse de finition # 700714
 Finishing mower # 700714



O/L = Obtain Locally / Obtenir localement

NOMENCLATURE ET LISTE DES PIÈCES / PARTS BREAKDOWN & PART LIST

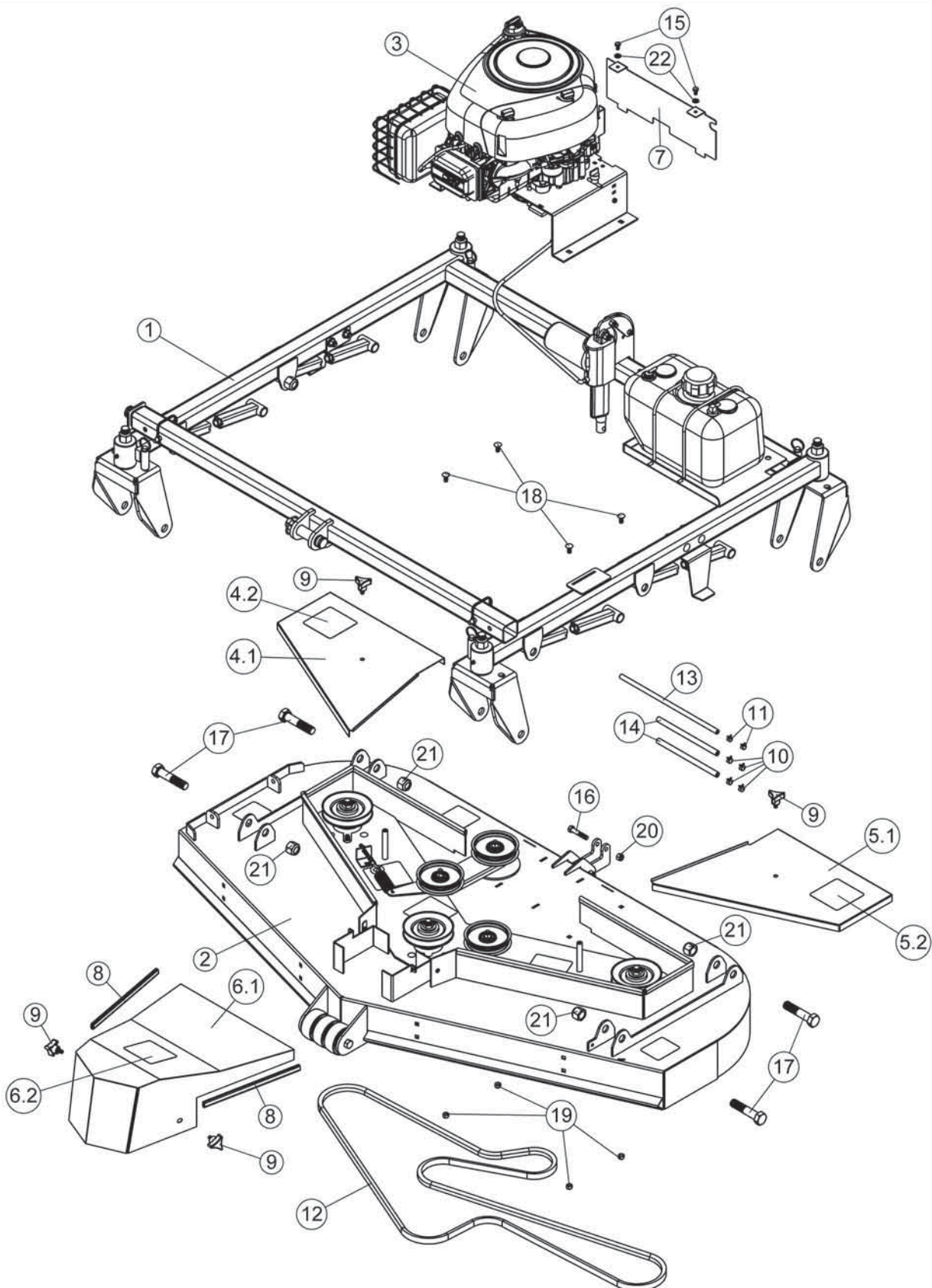
Tondeuse de finition # 700714

Finishing mower # 700714

REF.	ENGLISH DESCRIPTION	DESCRIPTION FRANÇAISE	QTY.	PART#
1	Mower assembly	Tondeuse assemblée	1	501024
2	Hitch bar assembly	Barre d'attache assemblée	1	501023
3	Mower deflector	Déflexeur de tondeuse	1	107553
4	Wheel assembly	Roue assemblée	4	107202
5	Hardware bag	Sac de quincaillerie	1	107630
5.1	Height scale #107555 with decals	Échelle de hauteur #107555 avec décalques	1	107633
5.2	Box support	Support de la boîte	1	107581
5.3	Spacer	Espaceur	2	103368
5.4	Support bracket	Fixation du support	2	103068
5.5	Hex. bolt 1/4" n.c. x 1/2" GR5	Boulon hex. 1/4" n.c. x 1/2" GR5	2	O/L (300NC.5P_1-4x1-2)
5.6	Hex. bolt 1/4" n.c. x 3/4" GR5	Boulon hex. 1/4" n.c. x 3/4" GR5	1	O/L (300NC.5P_1-4x3-4)
5.7	Hex. bolt 1/4" n.c. x 1 1/2" GR5	Boulon hex. 1/4" n.c. x 1 1/2" GR5	2	O/L (300NC.5P_1-4x1-1-2)
5.8	Hex. bolt 3/8" n.c. x 1 1/4" GR5	Boulon hex. 3/8" n.c. x 1 1/4" GR5	2	O/L (300NC.5P_3-8x1-1-4)
5.9	Hex. bolt 3/4" n.c. x 6 1/2" GR5	Boulon hex. 3/4" n.c. x 6 1/2" GR5	4	O/L (300NC.5P_3-4x6-1-2)
5.10	Flange nut 1/4" n.c.	Écrou à bride 1/4" n.c.	2	O/L (334NC.P_1-4)
5.11	Nylon Insert lock Nut 3/8" n.c.	Écrou à garniture de nylon 3/8" n.c.	2	O/L (335NC.P_3-8)
5.12	Nylon Insert lock Nut 1/4" n.c.	Écrou à garniture de nylon 1/4" n.c.	1	O/L (335NC.P_1-4)
5.13	Nylon insert lock nut 3/4" n.c. (thin) GR5	Écrou à garniture de nylon 3/4" n.c. (mince) GR5	4	O/L (336NC.P_3-4)
5.14	Rubber strap	Sangle en caoutchouc	1	107656
6	Berco decal	Décalque Berco	2	102471
7	Serial number	Numéro de série	1	REF.
8	Made in Canada decal	Décalque Fabriqué au Canada	1	REF.

O/L = Obtain Locally / Obtenir localement

NOMENCLATURE ET LISTE DES PIÈCES / PARTS BREAKDOWN & PART LIST
 Tondeuse assemblée #501024
 Mower assembly #501024



NOMENCLATURE ET LISTE DES PIÈCES / PARTS BREAKDOWN & PART LIST
Tondeuse assemblée #501024
Mower assembly #501024

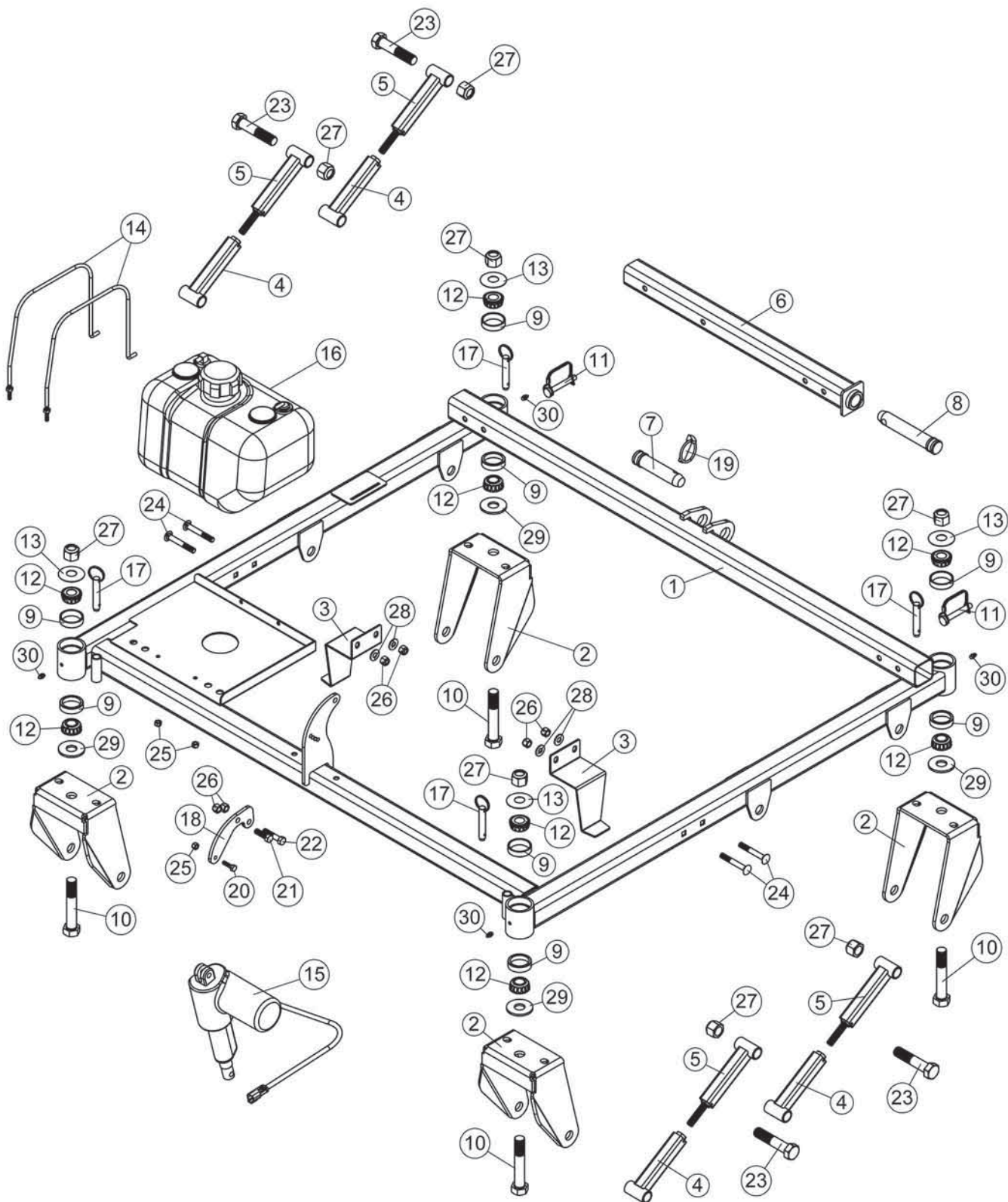
REF.	ENGLISH DESCRIPTION	DESCRIPTION FRANÇAISE	QTY.	PART#
1	Support assembly	Support assemblé	1	501020
2	Deck assembly	Plate-forme assemblée	1	501021
3	Engine assembly	Moteur assemblé	1	501022
4	Right lid #107549 with safety decal	Couvercle droit #107549 a/ déc. de sécurité	1	107614
4.1	Right lid	Couvercle droit	1	107549
4.2	Decal danger belts	Decalque danger courroies	1	105128
5	Left lid #107550 with safety decal	Couvercle gauche #107550 a/ déc. de sécurité	1	107615
5.1	Left lid	Couvercle gauche	1	107550
5.2	Decal danger belts	Decalque danger courroies	1	105128
6	Lid #107554 with safety decal	Couvercle #107554 avec décalque de sécurité	1	107616
6.1	Lid	Couvercle	1	107554
6.2	Decal danger belts	Decalque danger courroies	1	105128
7	Guard	Garde	1	107552
8	Seal	Joint d'étanchéité	2	107655
9	Knob	Bouton	4	106861
10	Spring action hose clamp for 1/2" hose	Collier de serrage à ressort pour tuyau 1/2"	4	107269
11	Spring action hose clamp for 7/16" hose	Collier de serrage à ressort pour tuyau 7/16"	2	107310
12	V-belt, B-124	Courroie en V, B-124	1	102484
13	Low pressure fuel hose EPA 3/16"	Tuyau à essence basse pression EPA 3/16"	1	107571
14	Fuel hose EPA 1/4"	Tuyau à essence EPA 1/4"	2	107572
15	Hex. bolt 1/4" n.c. x 1/2" GR5	Boulon hex. 1/4" n.c. x 1/2" GR5	2	O/L (300NC.5P_1-4x1-2)
16	Hex. bolt 3/8" n.c. x 2" GR5	Boulon hex. 3/8" n.c. x 2" GR5	1	O/L (300NC.5P_3-8x2)
17	Hex. bolt 3/4" n.c. x 3 1/2" GR5	Boulon hex. 3/4" n.c. x 3 1/2" GR5	4	O/L (300NC.5P_3-4x3-1-2)
18	Carriage bolt 5/16" n.c. x 3/4" GR5	Boulon à carrosserie 5/16" n.c. x 3/4" GR5	4	O/L (320NC.5P_5-16x3-4)
19	Nylon Insert lock Nut 5/16" n.c. GR5	Écrou à garniture de nylon 5/16" n.c. GR5	4	O/L (335NC.P_5-16)
20	Nylon Insert lock Nut 3/8" n.c.	Écrou à garniture de nylon 3/8" n.c.	1	O/L (335NC.P_3-8)
21	Nylon Insert lock Nut 3/4" n.c.	Écrou à garniture de nylon 3/4" n.c.	4	O/L (335NC.P_3-4)
22	Flat washer 1/4" hole	Rondelle plate 1/4" trou	2	O/L (360.P_1-4T)

O/L = Obtain Locally / Obtenir localement

NOMENCLATURE ET LISTE DES PIÈCES / PARTS BREAKDOWN & PART LIST

Support assemblé #501020

Support assembly #501020



NOMENCLATURE ET LISTE DES PIÈCES / PARTS BREAKDOWN & PART LIST

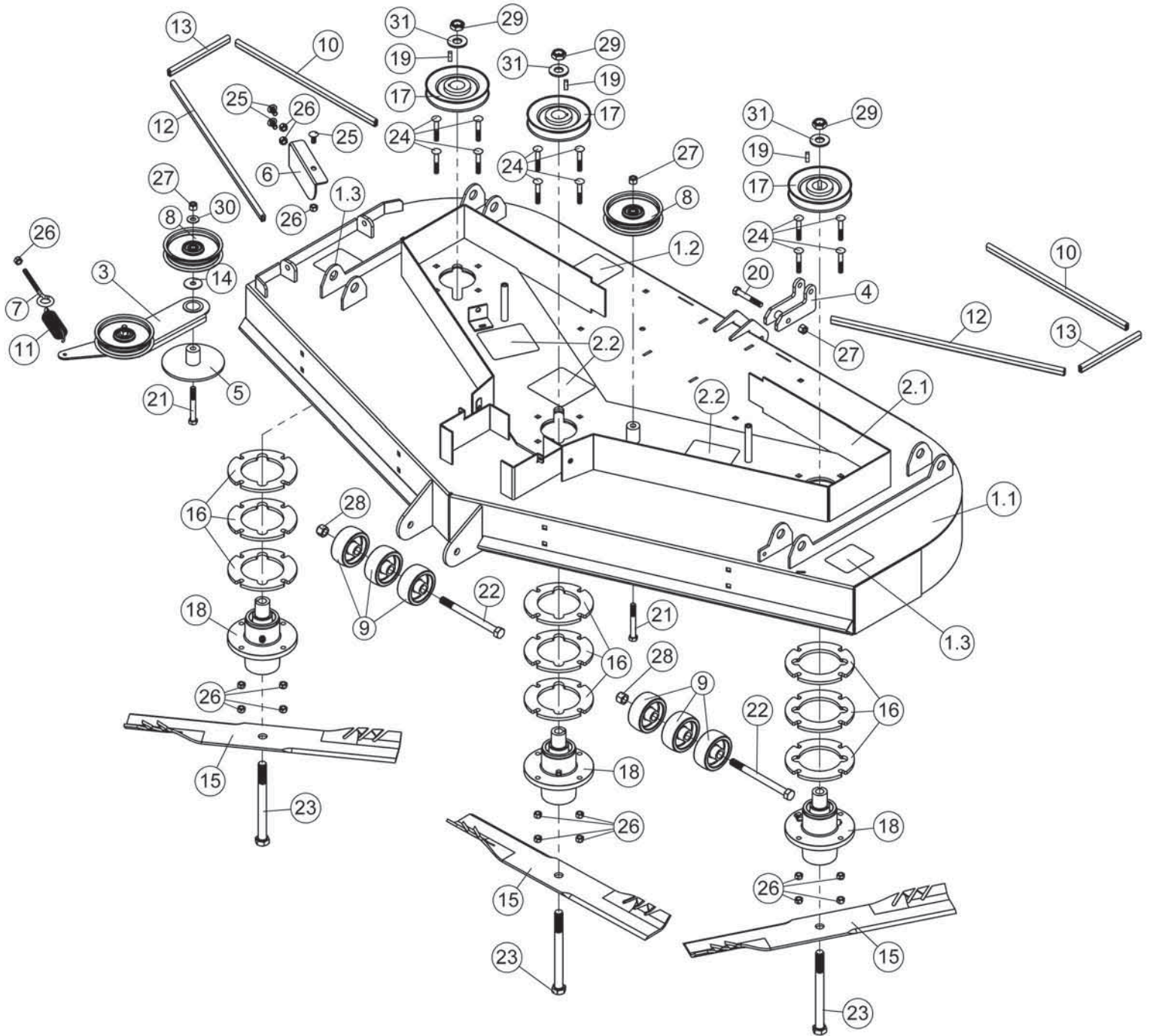
Support assemblé #501020

Support assembly #501020

REF.	ENGLISH DESCRIPTION	DESCRIPTION FRANÇAISE	QTY.	PART#
1	Support frame	Châssis de support	1	107523
2	Wheel fork	Fourche de roue	4	107524
3	Stopper	Butée	2	107525
4	Female arm	Bras femelle	4	107526
5	Male arm	Bras mâle	4	107527
6	Extension arm	Bras d'extension	1	107528
7	Top link pin	Goupille de liaison supérieure	1	107529
8	Top link pin	Goupille de liaison supérieure	1	107530
9	Cup for bearing	Cuvette	8	102370
10	Rod	Tige	4	106272
11	Lock pin	Tige de verrouillage	2	103563
12	Cone bearing	Roulement conique	8	102369
13	Seal washer	Rondelle d'étanchéité	4	102289
14	Fuel tank tie-down	Attache réservoir	2	107351
15	Electric actuator	Actuateur électrique	1	107156
16	2.5 Gallon EPA gasoline tank	Réservoir à essence 2.5 gallon EPA	1	107264
17	Detent pin	Goupille à détente	4	107531
18	Fastening lever	Levier d'attache	1	107532
19	Lynch pin	Goupille à anneau	1	106894
20	Hex. bolt 1/4" n.c. x 1" GR5	Boulon hex. 1/4" n.c. x 1" GR5	1	O/L (300NC.5P_1-4x1)
21	Hex. bolt 3/8" n.c. x 1 1/4" GR5	Boulon hex. 3/8" n.c. x 1 1/4" GR5	1	O/L (300NC.5P_3-8x1-1-4)
22	Hex. bolt 3/8" n.c. x 1 3/4" GR5	Boulon hex. 3/8" n.c. x 1 3/4" GR5	1	O/L (300NC.5P_3-8x1-3-4)
23	Hex. bolt 3/4" n.c. x 3 1/2" GR5	Boulon hex. 3/4" n.c. x 3 1/2" GR5	4	O/L (300NC.5P_3-4x3-1-2)
24	Carriage bolt 3/8" n.c. x 2 3/4" GR5	Boulon à carrosserie 3/8" n.c. x 2 3/4" GR5	4	O/L (320NC.5P_3-8x2-3-4)
25	Nylon Insert lock Nut 1/4" n.c.	Écrou à garniture de nylon 1/4" n.c.	3	O/L (335NC.P_1-4)
26	Nylon Insert lock Nut 3/8" n.c.	Écrou à garniture de nylon 3/8" n.c.	6	O/L (335NC.P_3-8)
27	Nylon Insert lock Nut 3/4" n.c.	Écrou à garniture de nylon 3/4" n.c.	8	O/L (335NC.P_3-4)
28	Flat washer 3/8" hole	Rondelle plate 3/8" trou	4	O/L (360.P_3-8T)
29	Flat washer 13/16" hole	Rondelle plate 13/16" trou	4	O/L (360.P_13-16T)
30	Grease fitting 1/4" n.f.	Graisser 1/4" n.f.	4	O/L (370.Z_1-4-NF)

O/L = Obtain Locally / Obtenir localement

NOMENCLATURE ET LISTE DES PIÈCES / PARTS BREAKDOWN & PART LIST
 Plate-forme assemblée #501021
 Deck assembly #501021



NOMENCLATURE ET LISTE DES PIÈCES / PARTS BREAKDOWN & PART LIST
Plate-forme assemblée #501021
Deck assembly #501021

REF.	ENGLISH DESCRIPTION	DESCRIPTION FRANÇAISE	QTY.	PART#
1	Mower frame #107542 with safety decals	Châssis de la tondeuse #107542 avec décalques de sécurité	1	107612
1.1	Mower frame	Châssis de la tondeuse	1	107542
1.2	General message mower decal	Décalque tondeuse message général	1	107585
1.3	Mower projection decal	Decalque projection tondeuse	2	107584
2	Spindle support #107533 with safety decals	Support de moyeu #107533 a/ déc. de sécurité	1	107613
2.1	Spindle support	Support de moyeu	1	107533
2.2	Decal danger belts	Decalque danger courroies	3	105128
3	Tensioner assembly	Bras de tension assemblé	1	501054
4	Lift lever	Levier de relevage	1	107537
5	Pulley support	Support de poulie	1	107538
6	Baffle	Défecteur	1	107539
7	Eye bolt	Boulon à œillet	1	102087
8	Flat pulley	Poulie plate	2	102300
9	Wheel	Roue	6	107543
10	Seal	Joint d'étanchéité	2	107534
11	Spring	Ressort	1	107545
12	Seal	Joint d'étanchéité	2	107536
13	Seal	Joint d'étanchéité	2	107535
14	Spacer	Espaceur	1	107541
15	Blade	Lame	3	107266
16	Shim	Cale	9	107544
17	V-pulley	Poulie en V	3	107461
18	Spindle assy / short shaft	Moyeu assemblé / arbre court	3	107546
19	Key 1/4 x 1/4 x 3/4"	Clé 1/4 x 1/4 x 3/4"	3	107657
20	Hex. bolt 3/8" n.c. x 2 1/2" GR5	Boulon hex. 3/8" n.c. x 2 1/2" GR5	1	O/L (300NC.5P_3-8x2-1-2)
21	Hex. bolt 3/8" n.c. x 3" GR5	Boulon hex. 3/8" n.c. x 3" GR5	2	O/L (300NC.5P_3-8x3)

O/L = Obtain Locally / Obtenir localement

NOMENCLATURE ET LISTE DES PIÈCES / PARTS BREAKDOWN & PART LIST
Plate-forme assemblée #501021
Deck assembly #501021

REF.	ENGLISH DESCRIPTION	DESCRIPTION FRANÇAISE	QTY.	PART#
22	Hex. bolt 1/2" n.c. x 6" GR5	Boulon hex. 1/2" n.c. x 6" GR5	2	O/L (300NC.5P_1-2x6)
23	Hex. bolt 5/8" n.c. x 7" GR5	Boulon hex 5/8" n.c. x 7" GR5	3	O/L (300NC.5P_5-8x7)
24	Carriage bolt 5/16" n.c. x 2 " GR5	Boulon à carrosserie 5/16" n.c. x 2 " GR5	12	O/L (320NC.5P_5-16x2)
25	Carriage bolt 5/16" n.c. x 3/4 " GR5	Boulon à carrosserie 5/16" n.c. x 3/4 " GR5	3	O/L (320NC.5P_5-16x3-4)
26	Nylon Insert lock Nut 5/16" n.c. GR5	Écrou à garniture de nylon 5/16" n.c. GR5	16	O/L (335NC.P_5-16)
27	Nylon Insert lock Nut 3/8" n.c.	Écrou à garniture de nylon 3/8" n.c.	3	O/L (335NC.P_3-8)
28	Nylon Insert lock Nut 1/2" n.c.	Écrou à garniture de nylon 1/2" n.c.	2	O/L (335NC.P_1-2)
29	Nylon insert lock nut 5/8" n.c. (thin)	Écrou à garniture de nylon 5/8" n.c. (mince)	3	O/L (336NC.P_5-8)
30	Flat washer 3/8" hole	Rondelle plate 3/8" trou	1	O/L (360.P_3-8T)
31	Flat washer 11/16" hole	Rondelle plate 11/16" trou	3	O/L (360.P_11-16T)

O/L = Obtain Locally / Obtenir localement

Engine assembly #501022



NOMENCLATURE ET LISTE DES PIÈCES / PARTS BREAKDOWN & PART LIST

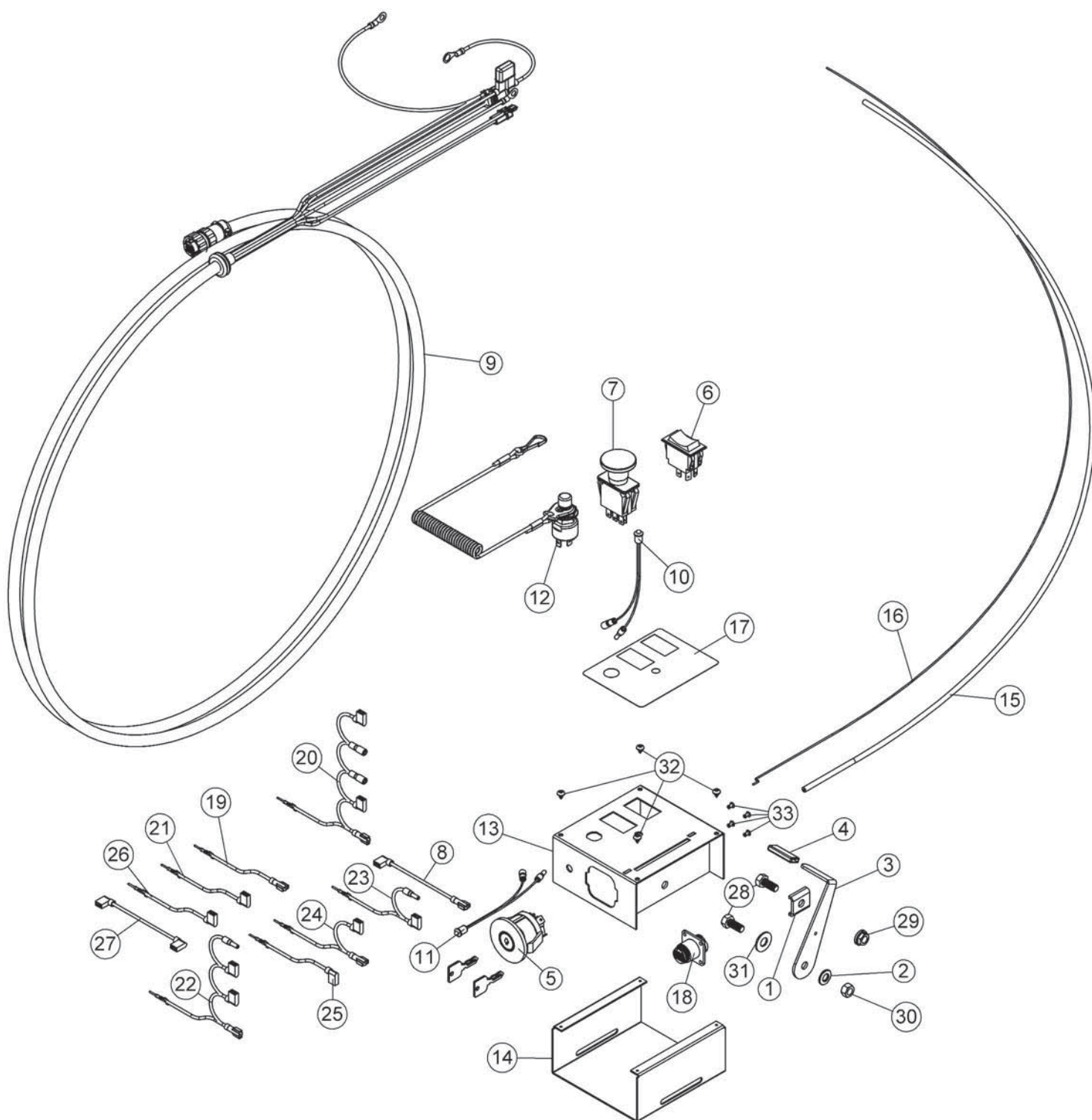
Moteur assemblé #501022

Engine assembly #501022

REF.	ENGLISH DESCRIPTION	DESCRIPTION FRANÇAISE	QTY.	PART#
1	Vertical engine 17.5 hp	Moteur vertical 17.5 hp	1	107201
2	Control box assembly	Boîte de contrôle assemblée	1	501025
3	Engine support	Support moteur	1	107548
4	Wire Assembly	Fil Assemblé	1	106548
5	Wire assembly	Fil assemblé	1	107450
6	Wire assembly	Fil assemblé	1	107451
7	Wire assembly	Fil assemblé	1	107452
8	Wire assembly	Fil assemblé	1	107453
9	Wire assembly	Fil assemblé	1	107454
10	Wire assembly	Fil assemblé	1	107455
11	Wire assembly	Fil assemblé	1	107755
12	Special flat washer	Rondelle plate spéciale	1	106338
13	Clutch spacer	Espaceur d'embrayage	1	106616
14	Flange washer	Rondelle à bride	1	103976
15	Electric Clutch	Embrayage Électrique	1	107459
16	Relay	Relais	1	107274
17	Grommet	Oeillet	1	107365
18	Relay connector	Connecteur de relais	1	107501
19	Relay connector key	Clef du connecteur de relais	1	107502
20	Relay	Relais	1	104405
21	Hex. bolt 7/16" n.c. x 1 1/2" GR5	Boulon hex. 7/16" n.c. x 1 1/2" GR5	1	O/L (300NC.5P_7-16x1-1-2)
22	Hex. bolt 5/16" n.c. x 1 1/2"	Boulon hex. 5/16" n.c. x 1 1/2"	4	O/L (300NC.5P_5-16x1-1-2)
23	Carriage bolt 1/4" n.c. x 5/8 " GR5	Boulon à carrosserie 1/4" n.c. x 5/8 " GR5	2	O/L (320NC.5P_1-4x5-8)
24	Nylon Insert lock Nut 5/16" n.c. GR5	Écrou à garniture de nylon 5/16" n.c. GR5	4	O/L (335NC.P_5-16)
25	Nylon Insert lock Nut 1/4" n.c.	Écrou à garniture de nylon 1/4" n.c.	2	O/L (335NC.P_1-4)
26	Nylon Insert lock Nut #10x24 n.c.	Écrou à garniture de nylon #10x24 n.c.	1	O/L (335NC.P_#10X24)
27	Flat washer #10 hole	Rondelle plate #10 trou	1	O/L (360.P_#10T)
28	Machine screw Pan head no.10 x 24 x 1/2"	Vis mécanique tête pan no.10 x 24 x 1/2"	1	O/L (395NC.P_#10x24x1-2)
29	Tie wrap 8"	Attache de nylon 8"	17	O/L (426-8)

O/L = Obtain Locally / Obtenir localement

NOMENCLATURE ET LISTE DES PIÈCES / PARTS BREAKDOWN & PART LIST
Boîte de contrôle assemblée #501025
Control box assembly #501025



NOMENCLATURE ET LISTE DES PIÈCES / PARTS BREAKDOWN & PART LIST
Boîte de contrôle assemblée #501025
Control box assembly #501025

REF.	ENGLISH DESCRIPTION	DESCRIPTION FRANÇAISE	QTY.	PART#
1	Spring bracket	Fixation du ressort	1	102210
2	Belleville washer 3/8"	Rondelle Belleville 3/8"	1	102144
3	Throttle arm	Bras d'accélérateur	1	102541
4	Handle grip	Poignée de plastique	1	102546
5	Ignition switch	Commutateur d'ignition	1	104015
6	Switch	Commutateur	1	107446
7	Emergency switch	Interrupteur d'urgence	1	107447
8	Wire assembly	Fil assemblé	1	107448
9	Wire assembly	Fil assemblé	1	107449
10	Warning light	Avertisseur lumineux	1	107456
11	Warning light	Avertisseur lumineux	1	107457
12	Emergency switch with lanyard	Interrupteur d'urgence avec cordon	1	107472
13	Box cover	Couvercle de la boîte	1	107579
14	Box	Boîte	1	107580
15	Cable shield	Gaine de câble	1	107582
16	Inner wire	Broche intérieure	1	107583
17	Control box decal	Décalque de la boîte de contrôle	1	107628
18	Circular connector flange receptacle	Connecteur circulaire réceptacle à bride	1	107700
19	Wire assembly	Fil assemblé	1	107703
20	Wire assembly	Fil assemblé	1	107704
21	Wire assembly	Fil assemblé	1	107705
22	Wire assembly	Fil assemblé	1	107706
23	Wire assembly	Fil assemblé	1	107707
24	Wire assembly	Fil assemblé	1	107708
25	Wire assembly	Fil assemblé	1	107709
26	Wire assembly	Fil assemblé	1	107710
27	Wire assembly	Fil assemblé	1	107713

O/L = Obtain locally

NOMENCLATURE ET LISTE DES PIÈCES / PARTS BREAKDOWN & PART LIST
Boîte de contrôle assemblée #501025
Control box assembly #501025

REF.	ENGLISH DESCRIPTION	DESCRIPTION FRANÇAISE	QTY.	PART#
17	Control box decal	Décalque de la boîte de contrôle	1	107628
28	Hex. bolt 5/16" n.c. x 3/4" GR5	Boulon hex. 5/16" n.c. x 3/4" GR5	2	O/L (300NC.5P_5-16x3-4)
29	Flange nut 5/16" n.c.	Écrou à bride 5/16" n.c.	1	O/L (334NC.P_5-16)
30	Stover lock nut 5/16" n.c.	Écrou de blocage 5/16" n.c.	1	O/L (338NC.P_5-16)
31	Flat washer 3/8" hole	Rondelle plate 3/8" trou	1	O/L (360.P_3-8T)
32	Metal screw P.H. #8 x 1/4"	Vis à métal P.H. #8 x 1/4"	4	O/L (400.P_8x1-4)
33	Pop-rivet 1/8" x 3/16" no.AD-43BS	Rivet pop 1/8" x 3/16" no.AD-43BS	4	O/L (415_1-8x3-16)

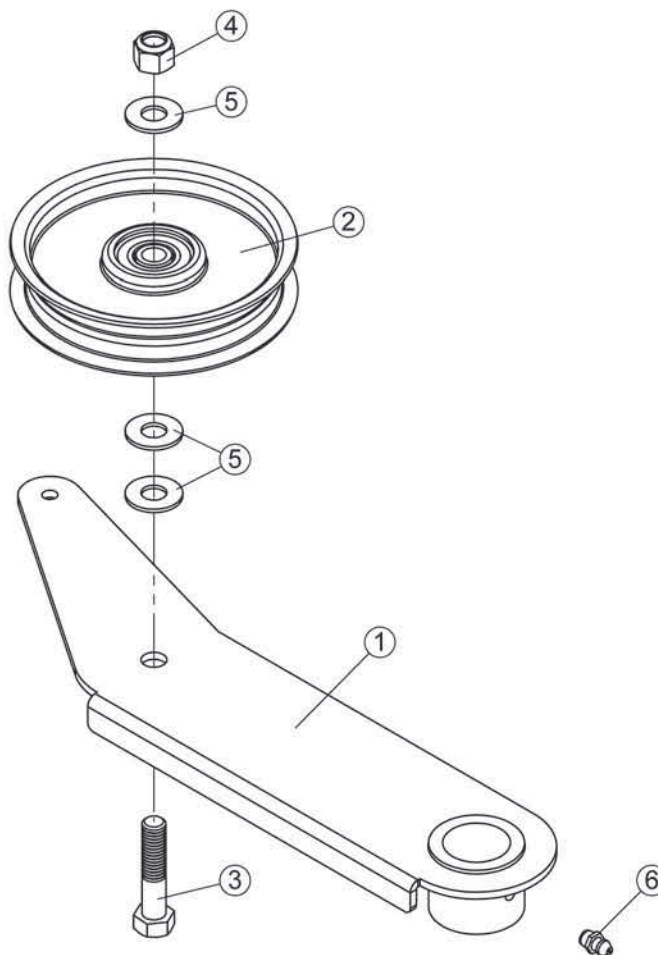
O/L = Obtain locally

NOMENCLATURE ET LISTE DES PIÈCES / PARTS BREAKDOWN & PART LIST

Bras de tension assemblé #501054

Tensioner assembly #501054

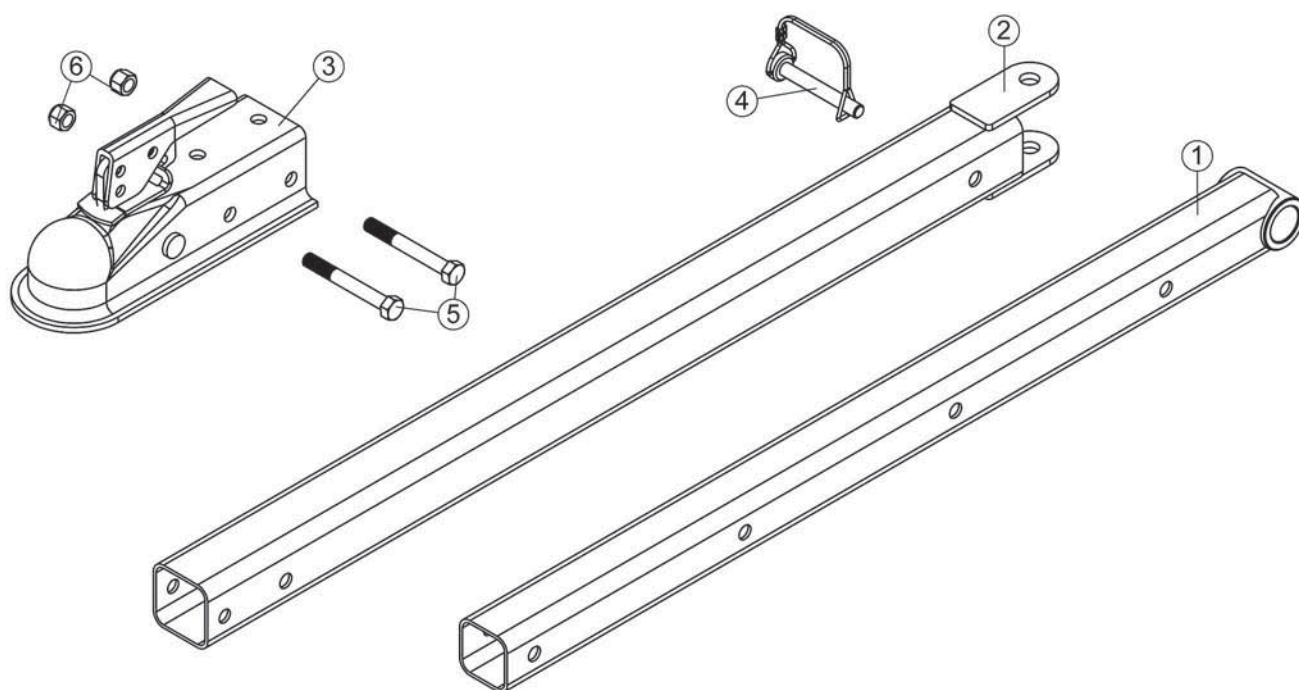
REF.	ENGLISH DESCRIPTION	DESCRIPTION FRANÇAISE	QTY.	PART#
1	Bender	Tensionneur	1	107540
2	Flat pulley	Poulie plate	1	102300
3	Hex. bolt 3/8" n.c. x 1 3/4" GR5	Boulon hex. 3/8" n.c. x 1 3/4" GR5	1	O/L (300NC.5P_3-8x1-3-4)
4	Nylon Insert lock Nut 3/8" n.c.	Écrou à garniture de nylon 3/8" n.c.	1	O/L (335NC.P_3-8)
5	Flat washer 3/8" hole	Rondelle plate 3/8" trou	3	O/L (360.P_3-8T)
6	Grease fitting 1/4" n.f.	Graisseur 1/4" n.f.	1	O/L (370.Z_1-4-NF)



O/L = Obtain Locally / Obtenir localement

NOMENCLATURE ET LISTE DES PIÈCES / PARTS BREAKDOWN & PART LIST
Barre d'attache assemblée #501023
Hitch bar assembly #501023

REF.	ENGLISH DESCRIPTION	DESCRIPTION FRANÇAISE	QTY.	PART#
1	Hitch arm extension	Extension du bras d'attache	1	107574
2	Hitch arm	Bras d'attache	1	107573
3	Hitch	Attache	1	106130
4	Lock pin	Tige de verrouillage	1	103563
5	Hex. bolt 3/8" n.c. x 3" GR5	Boulon hex. 3/8" n.c. x 3" GR5	2	O/L (300NC.5P_3-8x3)
6	Nylon Insert lock Nut 3/8" n.c.	Écrou à garniture de nylon 3/8" n.c.	2	O/L (335NC.P_3-8)



O/L = Obtain locally

NOTES

This image shows a full page of blank white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page, typical of notebook paper or a document template. There are no margins, text, or other markings present.

NOTES

This image shows a blank sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.



***WHEN PERFORMANCE
& DEPENDABILITY
ARE NON NEGOTIABLE !***

**Bercomac Limitée
92, Fortin North, Adstock, Quebec, Canada, G0N 1S0**

WWW.BERCOMAC.COM

PRINTED IN CANADA

(ORIGINAL NOTICE)