



## ALL-TERRAIN POWER CART

ITEM # 61034



## OWNER'S MANUAL AND SAFETY INSTRUCTIONS

SAVE THIS MANUAL. KEEP THIS MANUAL FOR SAFETY WARNINGS, PRECAUTIONS, ASSEMBLY, OPERATION, INSPECTION, MAINTENANCE AND CLEANING PROCEDURES. WRITE THE PRODUCT'S SERIAL NUMBER ON THE BACK OF THE MANUAL, OR THE MONTH AND YEAR OF PURCHASE IF PRODUCT HAS NO SERIAL NUMBER

FOR QUESTIONS, PLEASE CALL CUSTOMER SERVICE: 909.628.0880

# IMPORTANT SAFETY INFORMATION



## SAFETY

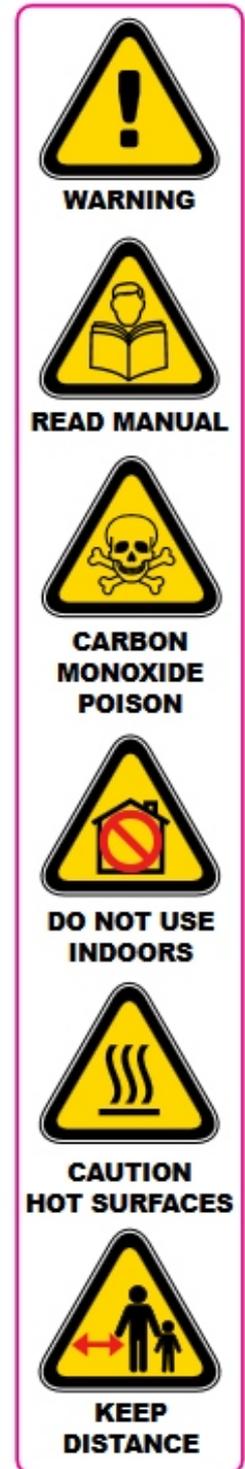
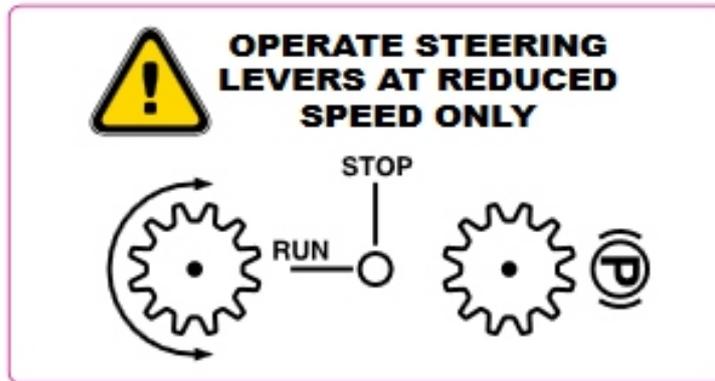
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Read and thoroughly understand all instructions and safety information before assembling or operating this All Terrain Power Cart. Failure to do so may cause serious injury or death. DO NOT allow anyone to operate this equipment who has not read this manual. As with all power equipment, an All Terrain Power Cart can be dangerous if assembled or used improperly. DO NOT operate this equipment if you have doubts or questions concerning safe operation.

- DO NOT Use the Power Cart for any purpose other than for which it was designed. Any other use is unauthorized and may result in serious injury or death.
- When operating this Power Cart it is essential that you wear safety gear including goggles or safety glasses, adequate clothing and tight fitting gloves (no loose cuffs or draw strings). Always wear ear plugs or sound deafening headphones to protect against hearing loss when operating this Power Cart. Always wear sturdy footwear. Never wear sandals, sneakers or open shoes, and never operate the Power Cart with bare feet. DO NOT wear loose clothing that might get caught in moving parts.
- Whenever you leave the operating position to unload or make adjustments always shut off the engine and wait five (5) minutes to allow parts to cool. Remove the key or disconnect the spark plug wire and keep the wire away from the spark plug to prevent accidental starting.
- CALIFORNIA PROPOSITION 65 WARNING Engine exhaust, some of its constituents and certain product components contain or emit chemicals known to the state of California to cause cancer and birth defects or other reproductive harm.
- DO NOT permit children to operate this equipment at any time.
- DO NOT permit others that have not read and understood the complete Operation Manual to operate this equipment
- Keep all people and pets away from the work area when operating the Power Cart.
- DO NOT operate the Power Cart when under the influence of alcohol, drugs or medication.
- DO NOT allow a person who is tired or otherwise impaired or not completely alert to operate the Power Cart.
- CAREFULLY INSPECT THE AREA TO BE TRIMMED AND REMOVE ALL FOREIGN OBJECTS.
- ALWAYS operate the Power Cart from the control panel.
- NEVER stand or sit on the machine with engine running.
- ALWAYS turn the engine off when unloading.
- NEVER, under any conditions, remove, bend, cut, fit, weld, or otherwise alter standard parts on the Power Cart.
- Use caution when operating on slopes.
- DO NOT operate on slopes greater than 20 degrees.
- Be cautious when using the Power Cart around obstacles such as fencing, wires, ropes, or other material that can become entangled within the Power Cart's tracks.
- DO NOT exceed the recommended load limit of 705 lbs.

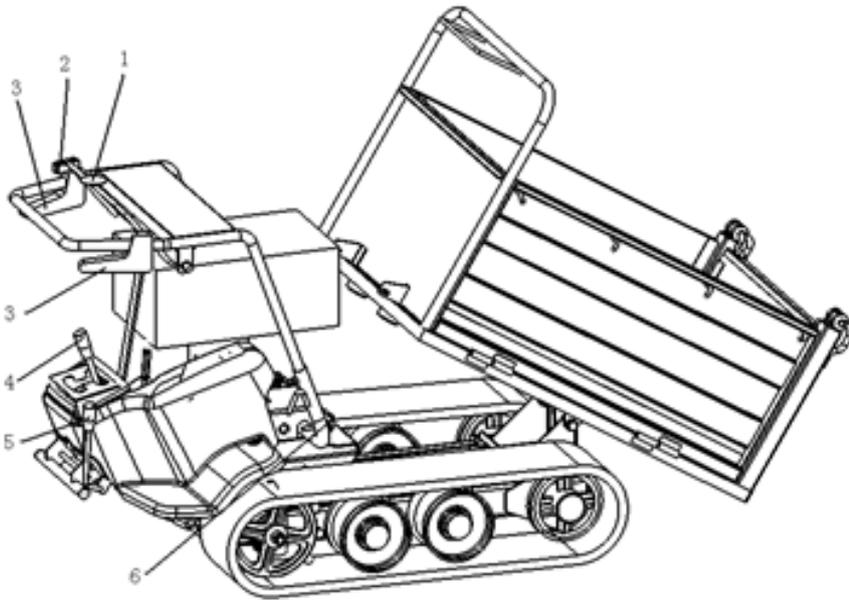
# IMPORTANT SAFETY INFORMATION

- NEVER run the engine in an enclosed area or without proper ventilation as the exhaust from the engine contains carbon monoxide, which is an odorless, tasteless, and deadly poisonous gas.
- Fill the gasoline tank outdoors with the engine off and allow the engine to cool completely.
- The muffler and engine become very hot with use and can cause a severe burn; DO NOT touch. Allow the engine to cool before refuelling, doing maintenance, or making adjustments.
- DO NOT make sudden or sharp turns when operating the cart.
- At 15-20 degree bevelled level, the loading capacity should control within 150KG. When at 20-25, should bear nothing to drive. DO NOT drive while the level is over 25 degrees. DO NOT to shift while overloading or at bevelled level.



**SAVE THESE SAFETY WARNINGS!**

# PRODUCT INFORMATION



## HARDWARE INCLUDED

1	Operating instructions for main set
2	Operating instructions for engine
3	Wrench only for spark plug
4	Dual-purpose screwdriver
5	Open spanner 8-10
6	Open spanner 12-14
7	Open spanner 13-15
8	Funnel
9	Gas pipe funnel

Name	Function
1 Walking clutch lever	Operating and stop control
2 Accelerating lever	Rotary speed control
3 Turning clutch lever	For turning the machine
4 Gear Lever	Forward/reverse speed control
5 Sub-gear lever	Walking speed control
6 Fixed Rod	Prevents the bucket from falling off

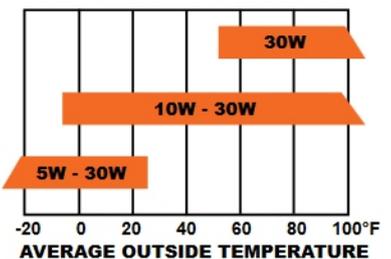
## FILLING WITH GASOLINE AND OIL: ADD OIL BEFORE STARTING THE ENGINE

The Power Cart is shipped without fluids installed.

Keep the caps on the fuel and oil fills until you are ready to pour either gasoline or oil into the correct fill. Oil capacity: 3.6L of SAE 10W30 engine oil.

1. Place the machine on a level surface and initially add 1/2 of the SAE 10W30 high detergent oil into the oil fill and wait one minute for the oil to settle.
2. Check the dipstick and continue adding a few ounces of oil at a time, rechecking the dipstick until the oil reaches the fill mark. Be careful not to overfill.
3. Fill the fuel tank with fresh, unleaded gas (85+ Octane), to 1/2" from the top of the fill neck to allow for expansion. Be careful not to overfill and reinstall the cap before starting the engine.

## SAE VISCOSITY GRADES



Allow the engine to cool for at least two minutes before removing the fuel cap. Use caution as engine oil, muffler and other components may be hot to the touch. To avoid fire danger never add fuel to a hot engine.

Before performing any adjustments to the Power Cart or any maintenance, stop the engine, wait five minutes to allow parts to cool. Disconnect the spark plug wire, keeping it away from the spark plug. Contact with internal rotating parts may cause serious personal injury. Never put hands or feet on or between the track rollers.

**FUEL (ANYTIME): 93 UNLEADED 3.6L CAPACITY**

**ENGINE OIL: FIRST TIME 50HRS, AFTER EVERY 100HRS: SAE10W-30 0.6L CAPACITY**

**GEAR BOX OIL: FIRST TIME 50HRS, AFTER EVERY 500HRS: GL-4, 1.5L CAPACITY**

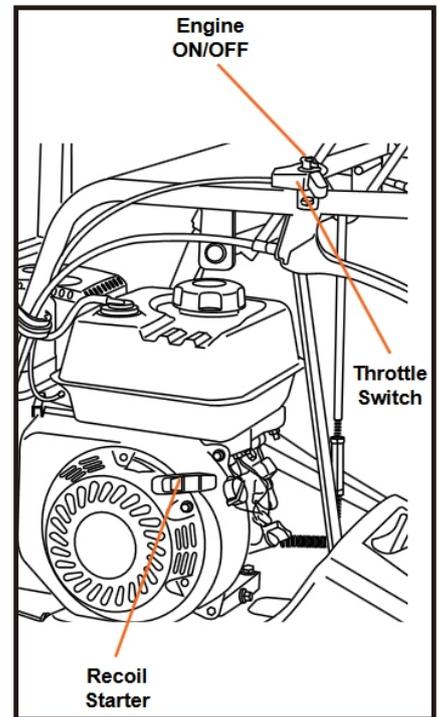
# OPERATION

## STARTING THE ENGINE:

### FOLLOW THE PROCEDURE BELOW FOR COLD STARTS:

1. Turn choke lever on the engine to the CLOSED position.
2. Set the throttle lever on the handlebar at halfway position
3. Turn the engine switch on.
4. Pull the starting rope slowly several times to allow the gasoline to flow into the engine's carburetor. Then hold the start handle firmly and pull rope out a short distance until you feel some resistance. Then pull the rope smoothly and briskly, and allow rope to return gently. Do not let the rope snap back. If necessary, pull the rope several times until the engine starts.
5. Allow the engine to run for several seconds to warm up. Then, gradually move choke lever to OPEN " position

Restarting a warm engine does not require use of the choke, so follow the **STOPPING THE ENGINE:**



To stop the engine in an emergency, simply turn the engine switch to the OFF position. Under normal conditions, use the following procedure.

1. Move the throttle lever to the SLOW position.
2. Let the engine idle for one-two minutes.
3. Turn the engine switch to the OFF position.
4. Turn the fuel valve lever to the OFF position

**CAUTION: DO NOT** move the choke control to stop the engine. This may result in engine backfire or damage to the engine may occur.

After engine warms up, pull throttle lever to accelerate engine speed. Engage the required gear and slowly squeeze the clutch control lever. If the gear does not engage right away, slowly release the clutch lever and try again.

## CHANGING DIRECTIONS:

1. To turn left, pull the left steering lever upwards.
2. To turn right, pull the right steering lever upwards.

The sensitivity of the steering increases in proportion to the speed of the machine and that with an empty machine, a light pressure on the lever is all that is needed to turn. When the machine is loaded, more pressure is required. It is recommended that the operator practice driving the Power Cart with the dumper empty to become familiar with the equipment's operation before attempting to move a load.

## LOADING AND UNLOADING:

1. Position the Power Cart into the desired position for dumping the load.
2. Turn off the engine and put the clutch lever into the STOP position.
3. Pull the tipping handle up to release the dump box's locking device and raise the dump box.
4. Raise the dump box manually to dump the load.
5. Pull the tipping handle down to its original position. When the dump box is lowered, the locking mechanism operates, locking the dump box.

# MAINTENANCE

**TURN OFF ENGINE AND DETACH SPARK PLUG WIRE.** Allow engine to cool before performing maintenance.

Check the Power Cart for loose screws, misalignment or binding of moving parts, cracked or broken parts, and any condition that may affect safe operation. Remove debris and other materials that may have accumulated in and around the tracks. Clean after each use. Use a premium lightweight machine oil to lubricate moving parts.

**DO NOT** use a “pressure washer” to clean the Power Cart. Water can penetrate the machine and its transmission case and cause damage to spindles, gears, bearings or the engine.

**Transmission:** The gearbox is pre-lubricated and sealed at the factory. Check oil level every 50 hours of working. Use portable tool lithium #0 grease such as Lubriplate 6300AA , Lubriplate GR-132, or Multifak,e.g. EP-O.

**Adjusting the Clutch Lever:** As the clutch wears out, the lever could have a wider opening, making it difficult to use. Adjust the cable, setting the clutch lever to its original position using the adjustment device and counter-nut.

**Changing the Engine Oil:** Oil should be changed when warm by unscrewing filler cap and draining into a suitable container for disposal. When oil is completely drained, replace filler cap and fill with standard SAE10W30 engine oil

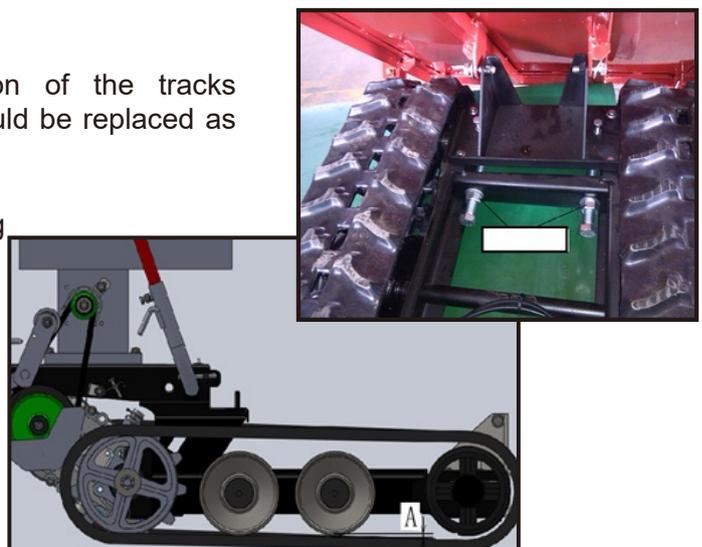
**Adjusting the Steering Lever:** If steering the unit becomes difficult, adjust the steering levers with the special adjusters. Loosen the locknut and unscrew the adjuster to eliminate the play in the cable, which can occur with normal wear. Be careful not to unscrew the adjusters too much because this can create the loss of traction. Tighten the locknut when finished.

**Adjusting the Tracks:** With use, tracks tend to loosen on the drive wheels. Operating with loose tracks can cause them to slip over the driving wheel causing it to jump its housing and cause damage.

1. To check track tightness set the Power Cart on a flat, compact surface. Lift the machine and set it on blocks or supports so that the tracks are approximately 4” (100mm) off of the ground.
2. Measure the sag in the tracks, by measuring the height from the ground to the middle of the top track. Compare this with measuring the distance from the ground to the top of the track on the top of the wheel. The difference in the distance should not exceed 0.4” - 0.6” (10 - 15mm). If the distance is greater, use the tipping handle to tip the dump box and set it on blocks that support the weight of the Power Cart.
3. Loosen locknut A. Tighten bolt B until the correct tightness is restored. Secure bolt B by tightening locknut A thoroughly. Return the dump box to its original position.

**Replacing the Tracks:** Check the condition of the tracks periodically. If a track is cracked or frayed, it should be replaced as soon as convenient.

1. Loosen the locknut A and bolt B shown in Adjusting the Tracks, to allow the tracks to be loose enough.
2. Slip the old tracks off and install the new tracks
3. Adjust bolt B to assure correct tightness.
4. Secure bolt B by tightening locknut A thoroughly.

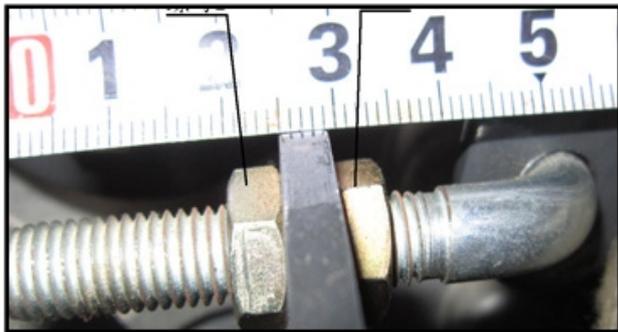
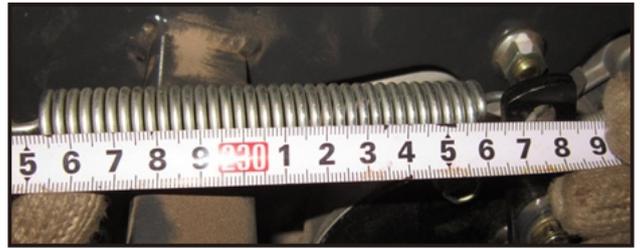


# MAINTENANCE

The belt is not separated completely, tensioning position please V belt adjustment. Removed bolt belt wheel cover, belt tensioner in the parking position does not contact the V belt, do not rotate in [walk] and position. Then tighten the bolts, tighten the nuts.

## Checking and Adjusting the Brakes:

1. Take off the plastic cover
2. Put the walking clutch rod to Stop the machine position
3. Make sure the spring length A is between 185-190mm, adjust if there is any inappropriate.
4. Put on the plastic cover



1. Take off the plastic cover
2. Loosen the nut
3. Put clutch rod to Stop the machine position.
4. Adjust nut 1 to make sure the spring length A is between 185-190mm.
5. Tighten the nut 1, then loosen nut 2

6. Put walking clutch rod to Walking position, and adjust adjusting nut 2 to cancel brake condition.
7. Tighten nut 2 then put the plastic cover back on.

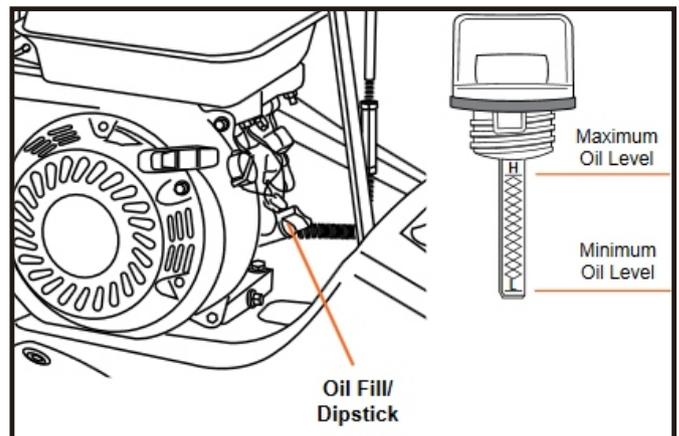
## Turning Clutch Adjustment:

1. Take the cargo container, and fix it with the supporting frame.
2. Adjust the adjusting nut, and make turning clutch handle to have 1-5mm empty space.
3. Put off the cargo container.



## Engine Maintenance:

1. Check oil level before each use and after 8 hours of operation.
2. Change oil after first 5-8 hours of operation. Change oil while engine is warm. Refill with new oil of recommended grade.
3. Check spark plug yearly or every 100 hours of operation
4. Service the air cleaner.
5. Keep the engine and parts clean
6. Check the engine and equipment often for loose nuts and bolts.



# TROUBLESHOOTING

PROBLEM	SOLUTION
Engine will not start	<ul style="list-style-type: none"> <li>• Add gas to gas tank</li> <li>• Connect spark plug wire to spark plug</li> <li>• Throttle must be positioned in the middle</li> <li>• Choke lever must be CLOSED to start cold engine</li> <li>• Fuel line is clogged, remove, clean and replace</li> </ul>
Engine runs rough, floods during operation	<ul style="list-style-type: none"> <li>• Clean or replace air cleaner</li> </ul>
Engine is hard to start	<ul style="list-style-type: none"> <li>• Drain old fuel and replace with fresh. Use gas stabilizer at end of season</li> <li>• Make sure spark plug wire is securely attached to plug</li> <li>• Move the throttle to the left</li> </ul>
Engine misses or lacks power	<ul style="list-style-type: none"> <li>• Remove and clean fuel tank</li> <li>• Clean or replace air cleaner</li> <li>• Improper carburetor adjustment, take to authorized engine service center</li> <li>• Replace spark plug and adjust gap</li> <li>• Drain and refill gas tank and carburetor</li> </ul>
Engine stops suddenly	<ul style="list-style-type: none"> <li>• Low quality or deteriorated gasoline, drain and replace</li> <li>• Spark plug wire damaged or loose</li> <li>• Defective fuel cap creating a vacuum</li> <li>• Improper idle speed, move throttle to the right</li> </ul>
Engine Overheats	<ul style="list-style-type: none"> <li>• Engine oil is too low, check dipstick and add oil</li> <li>• Dirty air filter, clean and replace</li> </ul>
Engine stalls when shifting transmission gears	<ul style="list-style-type: none"> <li>• Release clutch lever before shifting gears</li> </ul>
Power Cart moves forward during starting	<ul style="list-style-type: none"> <li>• Clutch lever must be released</li> </ul>
Power Cart is not braking properly or is hard to turn	<ul style="list-style-type: none"> <li>• The steering lever(s) need adjustment (see page 18)</li> <li>• The brake(s) are wet, allow the brakes to dry</li> <li>• The dump box is overloaded, reduce the load</li> </ul>
The Power Cart's track has slipped off	<ul style="list-style-type: none"> <li>• Adjust the track tension (see page 19)</li> <li>• Replace the track if it is broken or excessively worn</li> </ul>
Power Cart moves too slowly	<ul style="list-style-type: none"> <li>• Reduce the load</li> <li>• Put transmission into a higher gear</li> </ul>
Power Cart does not move with the engine running	<ul style="list-style-type: none"> <li>• Make sure that the transmission is not between gears</li> <li>• Tracks are not tight enough, stop engine and adjust track tension (see page 19)</li> </ul>

# SPECIFICATIONS

<b>WEIGHT</b>	344LBS
<b>RATED LOADING CAPACITY</b>	850LBS
<b>DIMENSIONS</b>	64" x 24" x 33"
<b>TRACK ON GROUND LENGTH</b>	26"
<b>BOTTOM PLATE HEIGHT</b>	16"
<b>CARGO CONTAINER DIMENSIONS</b>	33.5" x 22.5" x 11.5"
<b>DUMPING METHOD</b>	MANUAL
<b>DUMPING ANGLE</b>	60 DEGREES
<b>ENGINE</b>	W210F
<b>MODEL</b>	SINGLE CYLINDER, OHV, 4-STROKE
<b>TOTAL DISPLACEMENT</b>	212CC
<b>RATED POWER</b>	3.6/3600 KW/RPM
<b>ENGINE WEIGHT</b>	40LBS
<b>STARTING MODE</b>	RECOIL START
<b>FUEL</b>	93 GASOLINE
<b>FUEL CONSUMPTION RATE</b>	395 G/KWH
<b>FUEL TANK CAPACITY</b>	3.6L
<b>OIL CAPACITY</b>	0.6L
<b>IGNITION SYSTEM</b>	TRANSISTOR MAGNET TYPE
<b>SPARK PLUG MODEL</b>	F7 R TC
<b>MINIMUM TURNING RADIUS</b>	1.15M
<b>CLIMBING ABILITY</b>	25 DEGREES
<b>BRAKE STYLE</b>	HUB
<b>LUBRICATION</b>	GL-4
<b>TRANSMISSION OIL CAPACITY</b>	1.5L

# WARRANTY

## PLEASE READ THE FOLLOWING CAREFULLY

THE MANUFACTURER AND/OR DISTRIBUTOR HAS PROVIDED THE PARTS LIST AND ASSEMBLY DIAGRAM IN THIS MANUAL AS A REFERENCE TOOL ONLY. NEITHER THE MANUFACTURER OR DISTRIBUTOR MAKES ANY REPRESENTATION OR WARRANTY OF ANY KIND TO THE BUYER THAT HE OR SHE IS QUALIFIED TO MAKE ANY REPAIRS TO THE PRODUCT, OR THAT HE OR SHE IS QUALIFIED TO REPLACE ANY PARTS OF THE PRODUCT. IN FACT, THE MANUFACTURER AND/OR DISTRIBUTOR EXPRESSLY STATES THAT ALL REPAIRS AND PARTS REPLACEMENTS SHOULD BE UNDERTAKEN BY CERTIFIED AND LICENSED TECHNICIANS, AND NOT BY THE BUYER. THE BUYER ASSUMES ALL RISK AND LIABILITY ARISING OUT OF HIS OR HER REPAIRS TO THE ORIGINAL PRODUCT OR REPLACEMENT PARTS THERETO, OR ARISING OUT OF HIS OR HER INSTALLATION OF REPLACEMENT PARTS THERETO.

### **XTREMEPOWERUS® 2-YEAR WARRANTY EMISSIONS RELATED COMPONENTS**

**XTREMEPOWERUS®** tools are warranted for 2 years for all emission related components. Components covered in this emission warranty include: 1) Fuel metering system, 2) Air induction system, 3) Ignition system and 4) items used in the above systems.



**SAVE THESE INSTRUCTIONS.**

The material in this manual is for informational purposes only. The product(s) it describes are subject to change without prior notice, due to the manufacturer's continuous development program. XtremePowerUS makes no representations or warranties with respect to this manual or with respect to the products described herein. XtremePowerUS shall not be liable for any damages, losses, costs or expenses, direct, indirect or incidental, consequential or special, arising out of, or related to the use of this material or the products described herein.

## Questions, issues or missing parts?

Before returning to your retailer, our customer service team is here to help.



Call Us: 909.628.0880

Email Us: [customer@xtremepowerusa.com](mailto:customer@xtremepowerusa.com)

Hours of Operation: 9am - 3pm PST Monday - Friday

**PRODUCT MADE IN CHINA**