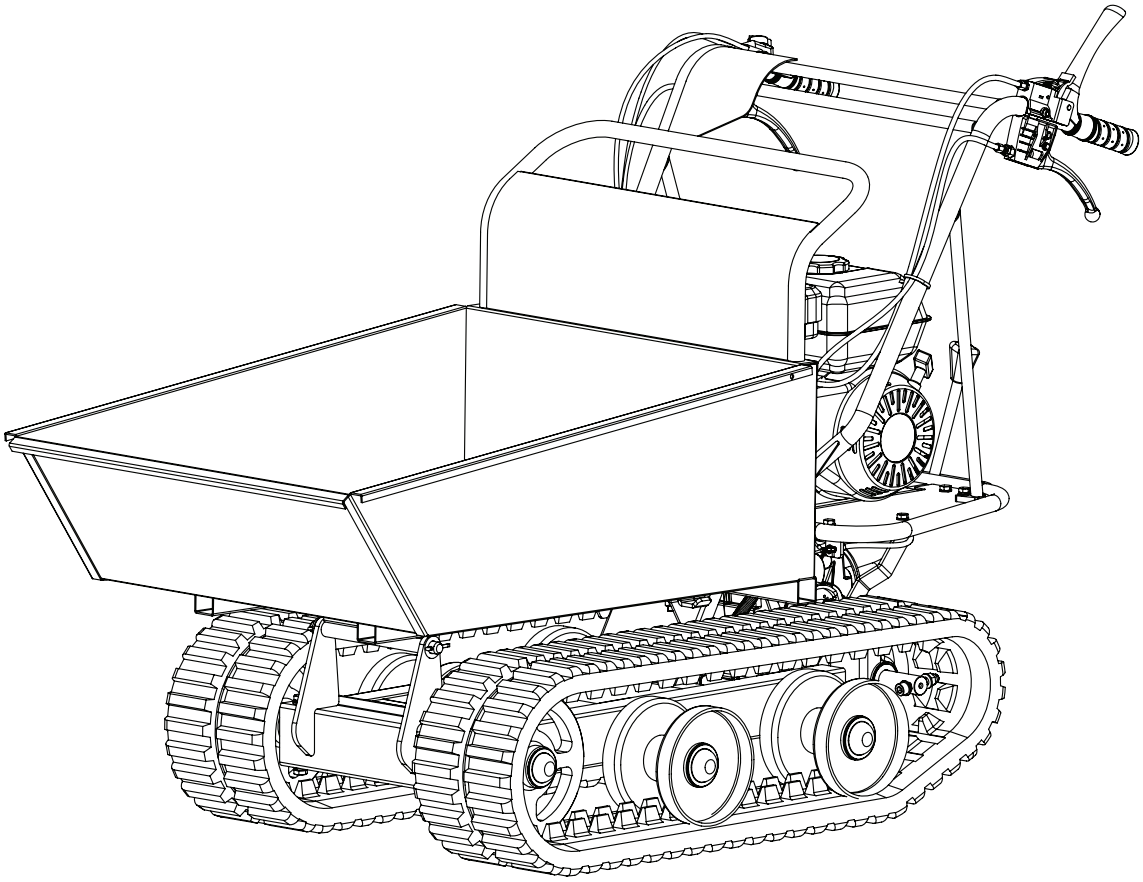
The Handy



All Terrain Minitransporter

Operator's Manual

MODEL NUMBER : 09715

SERIAL NUMBER : _____

Both model number and serial number may be found on the main label. You should record both of them in a safe place for future use.

FOR YOUR SAFETY

READ AND UNDERSTAND THE ENTIRE MANUAL BEFORE OPERATING MACHINE

TABLE OF CONTENTS

INTRODUCTION

Your new all terrain minitransporter will more than satisfy your expectations. It has been manufactured under stringent quality standards to meet superior performance criteria. You will find it easy and safe to operate, and with proper care, it will give you many years of dependable service.

Carefully read through this entire operator's manual before using this unit. Take special care to heed the cautions and warnings.

The four-speed gearbox, three forward and one reverse, lies at the heart of the unit. It is extra large so as to safely manage the torques generated by the engine. Thanks to its efficient reduction gearing, it is capable of moving around in every situation and bearing almost any load.

The Engine manufacturer is responsible for all engine-related issues with regards to performance, power rating, specifications, warranty and service. Please refer to the Engine Manufacturer's owner's/operator's manual, packed separately with your unit, for more information.

Specifications

Item No.		THLC09715
Engine		196cc, 6.5HP
Transmission		3F+1R
Load Capacity		300 kg
Box Length		860 mm
Box Width		630 mm
Box Depth		290 mm
Track Width		180 mm
Sound power level (LwA)		103 dB(A) k=3 dB(A)
Sound pressure level (LpA)		92 dB(A) k=3 dB(A)
Vibrating level on handlebar grips: (m/s ^{2})	Left	10.1 m/s^2 k=1.5 m/s ^{2}
	Right	11.3 m/s^2 k=1.5 m/s ^{2}
Weight		179 kg

ENVIRONMENTAL

Recycle unwanted materials instead of disposing of them as waste. All tools, hoses and packaging should be sorted, taken to the local recycling centre and disposed of in an environmentally-friendly safe way.

SYMBOLS

The rating plate on your machine may show symbols. These represent important information about the product or instructions on its use.

Wear eye protection.
Wear hearing protection.

Read these instructions carefully before use.

Wear safety footwear.

Wear safety gloves.

Do not remove or tamper with the protection devices and safety devices.

Keep away from hot parts on the machine.

Do not smoke or work near open flames.

Thrown objects.

Keep your hands or feet away from the track and rotating parts.

Keep bystanders away.

SAFETY

General Safety Rules

Understand your machine

Read and understand the operator's manual and labels affixed to the machine. Learn its application and limitations as well as the specific potential hazards peculiar to it.

Be thoroughly familiar with the controls and their proper operation. Know how to stop the machine and disengage the controls quickly.

Make sure to read and understand all the instructions and safety precautions as outlined in the Engine Manufacturer's manual, packed separately with your unit. Do not attempt to operate the machine until you fully understand how to properly operate and maintain the Engine and how to avoid accidental injuries and/or property damage.

Work area

Never start or run the machine inside a closed area. The exhaust fumes are dangerous, containing carbon monoxide, an odourless and deadly gas. Operate this unit only in a well ventilated outdoor area.

Never operate the machine without good visibility or light.

Personal safety

Do not operate the machine while under the influence of drugs, alcohol, or any medication that could affect your ability to use it properly.

Dress properly. Wear heavy trousers, boots and gloves. Don't wear loose clothing, short trousers, or jewellery of any kind. Secure long hair so it is above shoulder level. Keep your hair, clothing and gloves away from moving parts. Loose clothes, jewellery or long hair can be caught in moving parts.

Use safety equipment. Always wear eye protection. Safety equipment such as a dust mask, hard hat, or hearing protection used for appropriate conditions will reduce the risk of personal injuries.

Check your machine before starting it. Keep guards in place and in working order. Make sure all nuts, bolts, etc. are securely tightened.

Never operate the machine when it is in need of repair or is in poor mechanical condition. Replace damaged, missing or failed parts before using it. Check for fuel leaks. Keep the machine in safe working condition.

Never remove or tamper with safety devices. Check their proper operation regularly.

Do not use the machine if the engine's switch does not turn it on or off. Any gasoline powered machine that cannot be controlled with the engine switch is dangerous and must be replaced.

Before each use check that keys and adjusting wrenches are removed from the machine area before starting it. A wrench or a key that is left attached to a rotating part of the machine may result in personal injury.

Stay alert, watch what you are doing and use common sense when operating the machine.

Do not overreach. Do not operate the machine while barefoot or when wearing sandals or similar lightweight footwear. Wear protective footwear that will protect your feet and improve your footing on slippery surfaces. Keep proper footing and balance at all times. This enables better control of the machine in unexpected situations.

Avoid accidental starting. Be sure the engine is off before transporting the machine or performing any maintenance or service on the unit. Transporting or performing maintenance or service on a machine with the engine on invites accidents.

Fuel safety

Fuel is highly flammable, and its vapours can explode if ignited. Take precautions when using to reduce the chance of serious personal injury.

Only refill or drain the fuel tank in a clean well-ventilated outdoor area. Use an approved fuel storage container. Do not smoke, or allow sparks, open flames or other sources of ignition near the area while adding fuel or operating the unit. Never fill the fuel tank indoors.

Keep grounded conductive objects, such as tools, away from exposed, live electrical parts and connections to avoid sparking or arcing. These events could ignite fumes or vapours.

Always stop the engine and allow it to cool before filling the fuel tank. Never remove the cap of the fuel tank or add fuel while the engine is running or when the engine is hot. Do not operate the machine with known leaks in the fuel system.

Loosen the fuel tank cap slowly to relieve any pressure in the tank.

Never overfill the fuel tank. Fill the tank to no more than 12.5mm (1/2”) below the bottom of the filler neck to allow space for expansion as the heat of the engine can cause fuel to expand.

Replace all fuel tank and container caps securely and wipe up spilled fuel. Never operate the unit without the fuel cap securely in place.

Avoid creating a source of ignition for spilled fuel. If fuel is spilled, do not attempt to start the engine but move the machine away from the area of spillage and avoid creating any source of ignition until fuel vapours have dissipated.

Store fuel in containers specifically designed and approved for this purpose.

Store fuel in a cool, well-ventilated area, safely away from sparks, open flames or other sources of ignition.

Never store fuel or a machine with fuel in the tank inside a building where fumes may reach a spark, open flame, or other sources of ignition, such as a water heater, furnace, clothes dryer or similar. Allow the engine to cool before storing in any enclosure.

Machine use and care

Position the machine in such a way that it cannot move during maintenance, cleaning, adjustment, assembly of accessories or spare parts, as well as under storage.

Do not force the machine. Use the correct machine for your application. The correct machine will do the job better and safer at the rate for which it was designed.

Do not change the engine governor settings or over-speed the engine. The governor controls the maximum safe operating speed of the engine.

Do not run the engine at a high speed when you are not working.

Do not put hands or feet near rotating parts.

Avoid contact with hot fuel, oil, exhaust fumes and hot surfaces. Do not touch the engine or muffler. These parts get extremely hot during use. They remain hot for a short time after you turn off the unit. Allow the engine to cool before doing maintenance or making adjustments.

If the machine starts to make an unusual noise or vibration, immediately shut off the engine, disconnect the spark plug wire, and check for the cause. Unusual noises or vibrations are generally a warning of an issue with the machine.

Only use attachments and accessories approved by the manufacturer. Failure to do so can result in personal injury.

Maintain the machine. Check for misalignment or binding of moving parts, breakage of parts and any other condition that may affect the machine’s operation. If damaged, have the machine repaired before use. Many accidents are caused by poorly maintained equipment.

Keep the engine and muffler free of grass, leaves, excessive grease or carbon build up to reduce the chance of a fire hazard.

Never douse or squirt the unit with water or any other liquid. Keep handles dry, clean and free from debris. Clean after each use.

Observe proper disposal laws and regulations for petrol, oil, etc. to protect the environment.

Don’t store the machine where children will be able to access it. Don’t allow persons unfamiliar with the machine or these instructions to operate it. The machine is dangerous in the hands of untrained users.

Service

Before cleaning, repair, inspecting, or adjusting, shut off the engine and make certain all moving parts have stopped. Disconnect the spark plug wire, and keep the wire away from the plug to prevent accidental starting.

Have your machine serviced by qualified repair personnel using only identical replacement parts. This will ensure that the machine remains safe to use.

Specific Safety Rules

Thoroughly inspect the working area, keep the working area clean and free of debris to prevent tripping. Operate on a flat level ground.

Never place any part of your body where it would be in danger if movement should occur during assembly, installation, operation, maintenance, repairing or moving.

Keep all bystanders, children, and pets at least 23m (75 feet) away. If you are approached, stop the unit immediately.

Do not mount on the dump box and never carry passengers.

Never park the machine in a place with unstable ground which could give way, particularly when the dump box is full.

Disengage the clutch lever before starting the engine.

Start the engine carefully according to the instructions and with your feet well away from the moving parts.

Never leave the operating position when the engine is running.

Always hold the unit with both hands when operating. Keep a firm grip on the handlebars. Be aware that the machine may unexpectedly bounce upward or jump forward if the machine should strike buried obstacles such as large stones.

Walk, never run with the machine.

Do not load the machine over its capacity. Drive at a safe speed, adjusting the speed to the slope of the land, the surface conditions of the road, and the weight of the load.

Use extreme caution when in reverse or pulling the machine towards you.

Exercise extreme caution when operating on or crossing gravel drives, walks, or roads. Stay alert for hidden hazards or traffic.

On soft ground, drive at the first forward/reverse gear. Do not rapidly accelerate, turn sharply or stop.

Pay the utmost attention when working on frozen ground as the machine may tend to skid.

If possible, avoid driving on pebbly river beds, crushed stone terrains, steel, concrete, stumpy field, logs etc., since such operation will cause fatal damage or shorten the life span of the tracks.

Do not operate the machine in confined areas where there may be a risk of crushing the operator between the machine and another object.

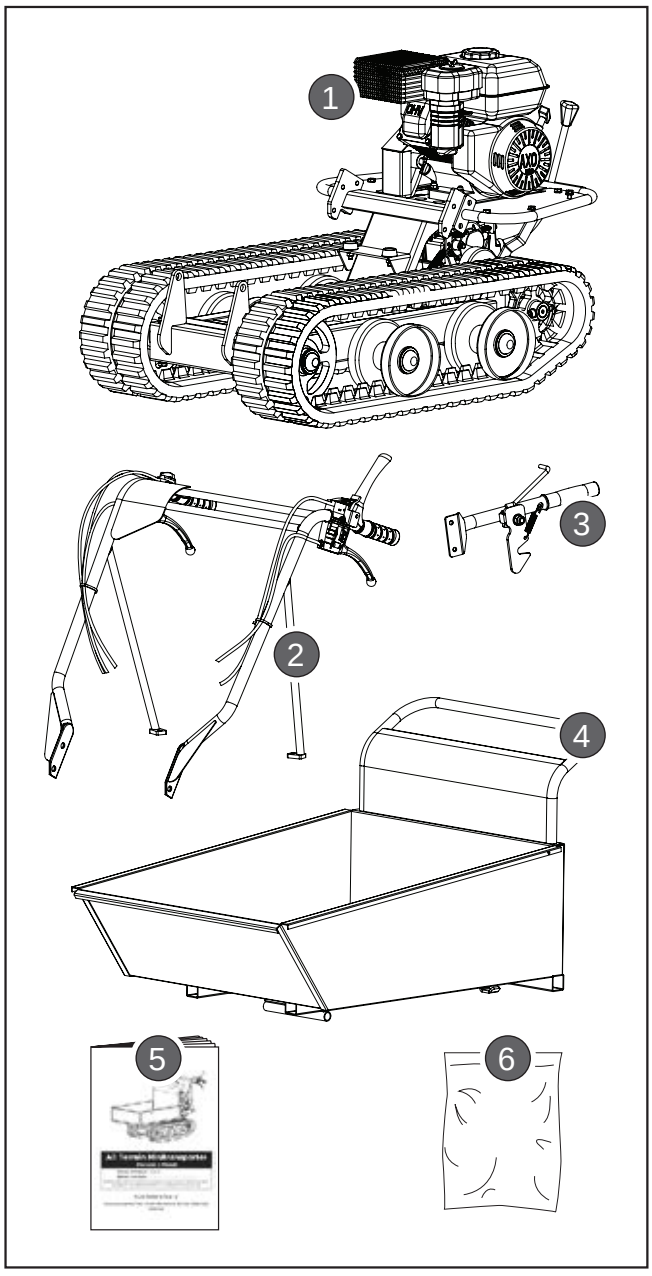
Never operate the machine on slopes where the angle is over 20°.

When moving over a slope, whether moving forward or in reverse, always make certain that the weight is evenly balanced. Always move in directions parallel with the slope. To avoid danger, do not shift gears on slopes.

When tipping the load from the dumper, the centre of gravity will change continuously and the stability of the machine will vary depending on the conditions of the ground beneath it. There are special hazards for dumpers working on soft ground and when the load is sticking to the machine e.g. wet clay.

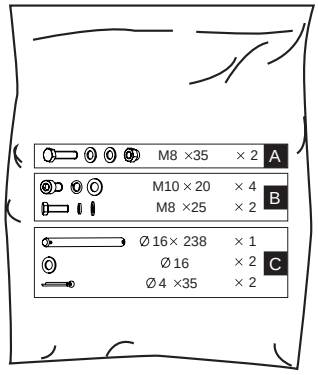
CONTENTS SUPPLIED

The all terrain Minitransporter comes partially assembled and is shipped in a carefully packed package. After all the parts have been removed from the package, you should have:



1. Main Frame
2. Handlebar Assembly
3. Tipping Handle
4. Box
5. Operator's Manual
6. Hardware Bag

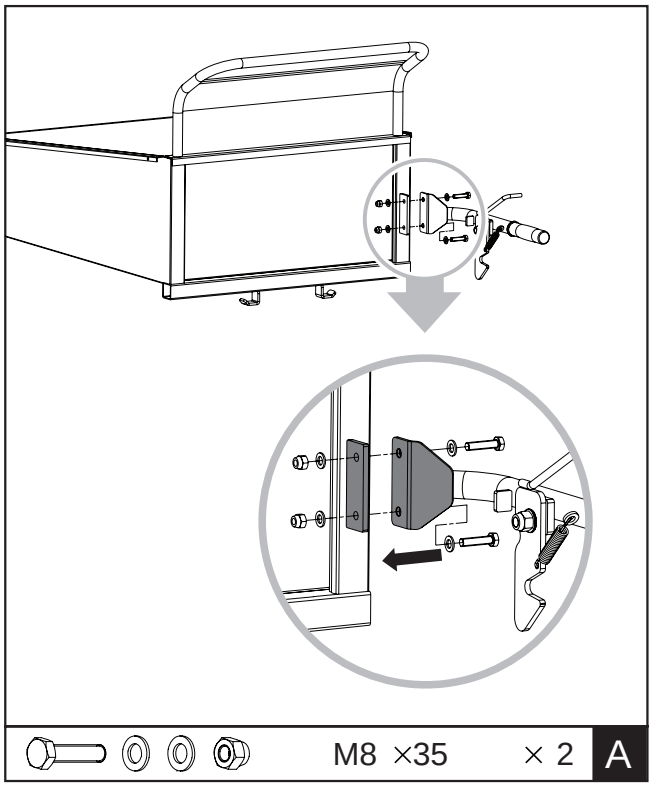
Hardware Bag, includes:



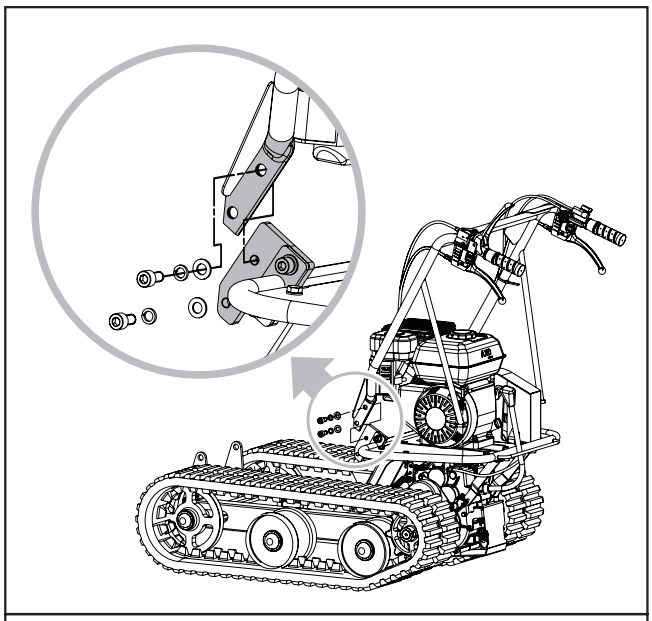
ASSEMBLY

Following the assembly directions below, you should be able to assemble the machine in a few minutes.

Machine Assembly

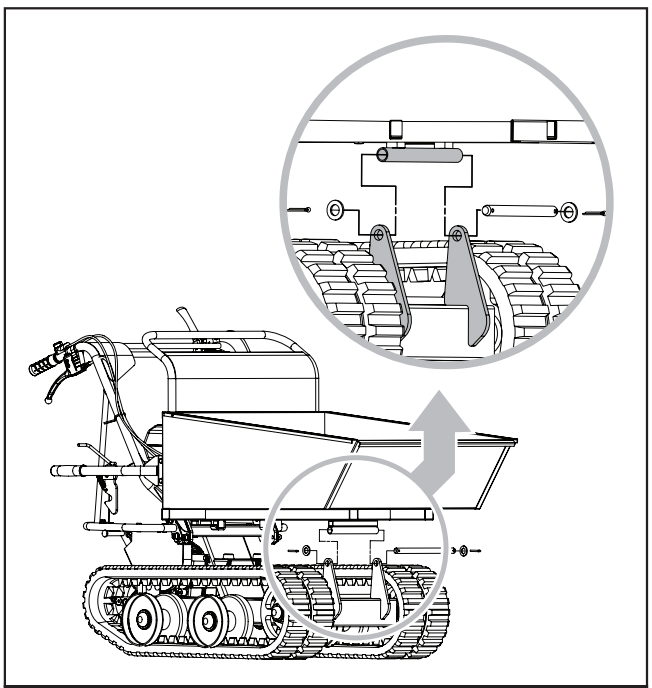


Mount the tipping handle on the right side of the box. Align the holes and fasten with two M8x35 hex bolts, four washers and two nuts.



	M10 × 20	× 4	B
	M8 ×25	× 2	

Align the holes of the handlebar with the mount bracket and secure each with a spring washer, flat washer and a M10x20 bolt. Fasten each handlebar support onto the engine deck with a spring washer, flat washer and a M8x25 hex bolt.



	∅16× 238	× 1	
	∅16	× 2	C
	∅4 ×35	× 2	

Position the bottom panel inside the mounting bracket. Align the holes with the mounting bracket. Insert a long pin through the holes and secure each side with a flat washer and cotter pin.

Engine oil

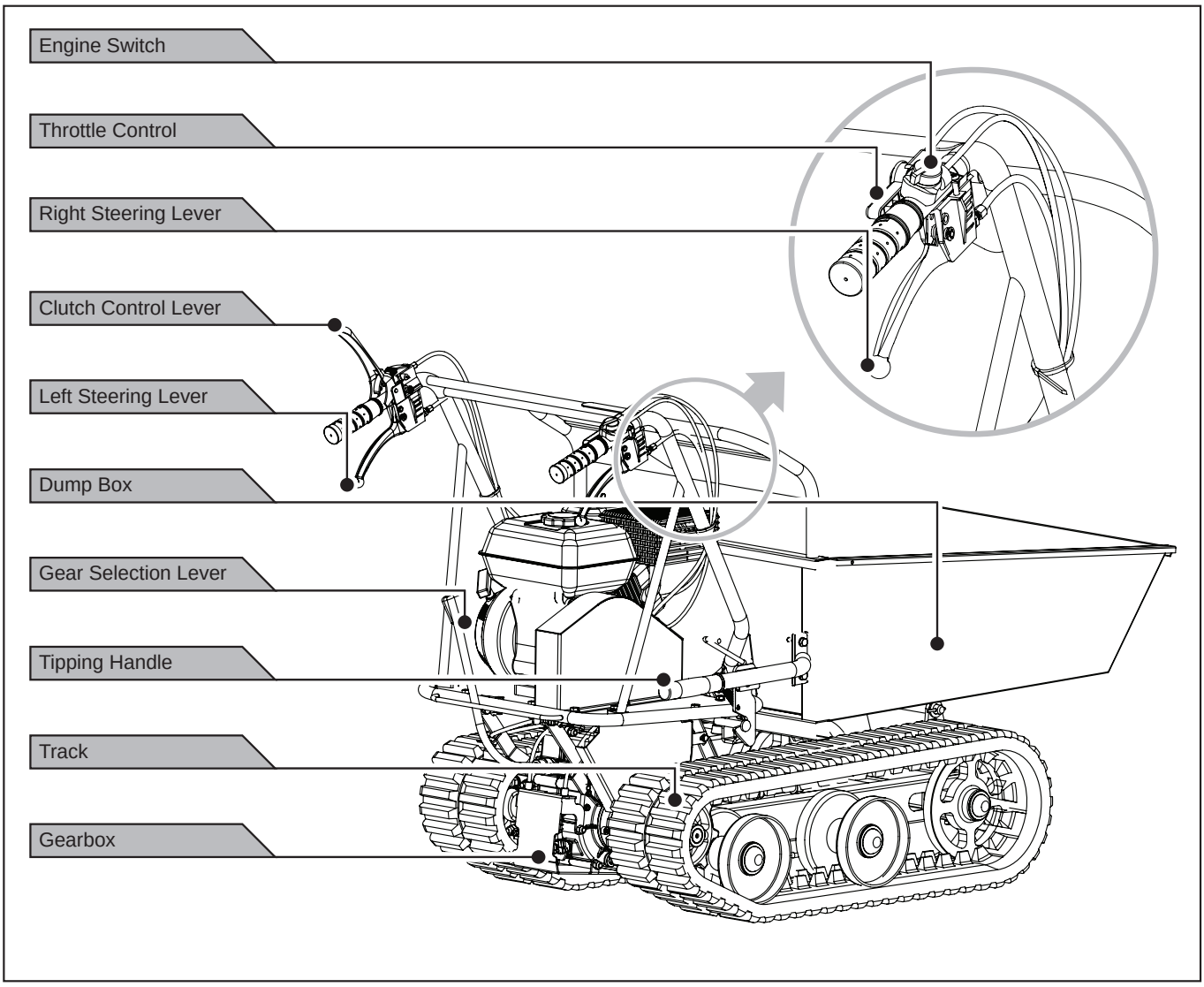
Oil has been drained for shipping.

Failure to fill the engine sump with oil before starting the engine will result in permanent damage and will void engine warranty.

Add oil according to the Engine Manual packed separately with your unit.

KNOW YOUR MINITRANSPORTER

Features and Controls



Engine switch

The engine switch enables and disables the ignition system.

The engine switch must be in the ON position for the engine to run.

Turning the engine switch to the OFF position stops the engine.

Clutch control lever

Squeeze the control lever to engage the clutch. Release the lever to disengage the clutch.

Throttle control

This controls the engine speed. The throttle control can be set at low speed (L), high speed (H) or an intermediary position between L and H.

Left steering lever

Operate the lever to turn left.

Right steering lever

Operate the lever to turn right.

Gear selection lever

It controls forward or reverse movements of the machine.

Tipping handle

This controls the tipping of the dump box. Pull the handle up to release the dump box's locking device and raise the dump box.
When the dump box is lowered, the locking mechanism operates, locking the dump box.
To check whether the dump box is locked securely, try to lift it without pulling up the tipping handle.

Minitransporter Operation

Adding fuel

Fill the fuel tank as instructed in the separate Engine Manual packed with the machine.

Fill the tank to no more than 12.5mm (1/2") below the bottom of the filler neck to allow space for expansion.

Starting the engine

A more detailed description of the engine operation and all related precautions and procedures can be found in the Engine Manual packed seperately with the minitransporter.

Follow the procedure below for cold starts:

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

Restarting an engine that is already warm from previous use does not normally require use of the choke.

1. Set the throttle lever on the handlebar at the half-way position.
2. Hold the start handle firmly and pull the cord out a short distance until you feel some resistance. Then pull the cord smoothly and briskly and return the cord gently. Do not let the cord snap back.

Operating

After the engine warms up, pull throttle lever to accelerate the engine speed.

Engage the required gear and slowly squeeze the clutch control lever. If the gear does not engage straight away, slowly release the clutch lever and try again. The minitransporter will start moving.

The minitransporter has its steering levers on the handlebars and this makes steering very easy. To turn right or left, simply operate the corresponding right or left steering lever.

The sensitivity of the steering increases in proportion to the speed of the machine and the weight of its load. A light pressure on the lever is all that is needed to turn an empty machine. When the machine is loaded, more pressure is required.

The minitransporter has a maximum capacity of 300kg. However, it is advisable to assess the load and adjust it according to the ground on which the machine will be used.

It is therefore advisable to use a low gear and take care when moving heavy loads or working on soft ground. In such situations, the machine should be kept in low gear for the whole job.

Avoid sharp turns and frequent changes of direction while moving the machine, in particular on rough, hard terrain full of sharp, uneven points with a high degree of friction.

Even though the unit has rubber tracks, remember to be careful when working in adverse weather conditions (ice, heavy rain and snow) or on types of ground that could make the minitransporter unstable.

Please note that as this is a tracked vehicle, it may pitch considerably when passing over bumps, holes and steps.

When the clutch control lever is released, the machine will stop and brake automatically.

If the machine is stopped on a steep slope, a wedge should be placed against one of the tracks.

Idle speed

Set the throttle control lever to its “SLOW” position to reduce stress on the engine when it is not in use. Lowering the engine speed to idle the engine will help extend the life of the engine, as well as conserve fuel and reduce the noise level of the machine.

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 engine idle for one or two minutes.
3. Turn the engine switch to the OFF position.
4. Turn the fuel valve lever to the OFF position.

Do not move the choke control to CHOKE to stop engine. Backfire or engine damage may occur.

MAINTENANCE

Proper maintenance and lubrication will help keep the machine in perfect working condition.

Preventive maintenance

Turn off the engine and disengage all command levers. The engine must be cool.

Inspect the general condition of the unit. Check for loose screws, misalignment or binding of moving parts, cracked or broken parts, and any other condition that may affect its safe operation.

Remove all debris and other materials that may have accumulated in the track and unit. Clean after each use. Then use a premium quality lightweight machine oil to lubricate all moving parts.

Never use a “pressure washer” to clean the unit. Water can penetrate tight areas of the machine and its transmission case and damage spindles, gears, bearings, or the engine. The use of pressure washers will reduce service life and serviceability.

Adjusting the clutch

As the clutch wears the lever action may become wider making it less comfortable to use. At this point you will need to adjust the cable, setting the clutch lever to its original position by adjusting the adjustment device and the counter-nut.

Adjusting the steering

If you have difficulty steering the unit, you will need to adjust the steering levers with the special adjusters. Slacken off the locknut and unscrew the adjusters to eliminate the play in the cable, which can occur after initial use or normal wear. Be very careful not to unscrew the adjusters too much because this can lead to a loss of traction. Remember to tighten the locknut when you have finished.

Lubrication

The gearbox is pre-lubricated and sealed at the factory.

Check the oil level every 50 hours of use. Remove the plug and check, with the machine horizontal, that oil reaches the two notches. If necessary, add more oil.

Use portable tool lithium #0 grease such as Lubriplate 6300AA , Lubriplate GR-132, or Multifak, e.g. EP-O.

Oil must be replaced when hot by unscrewing the filler cap and plug equipped with an oil dipstick. When oil is completely drained, replace the filler cap and fill up with new oil.

Tightening the tracks

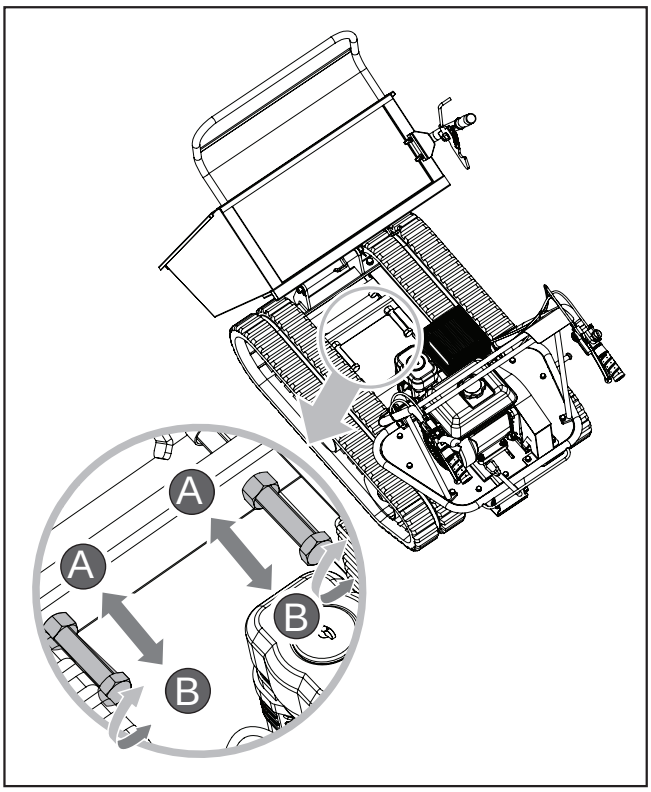
With use, the tracks tend to loosen. When operating with loose tracks, they will tend to slip over the driving wheel causing it to jump its housing this can be very dangerous and can damage the housing.

To check track tightness, proceed as follows:

1. Set the machine on a flat surface with compact ground, preferably on asphalt or a stone pavement.
2. Lift the machine and set it on blocks or supports rated for the weight of the machine so that the tracks are approximately 100mm off of the ground.
3. The gap between the track and the middle wheel must not be exceed 10-15mm.

If the distance is greater, proceed as follows.

1. Use the tipping handle to tip the dump box and set it on blocks or supports rated for the weight of the box.



2. Loosen locknut A.
3. Tighten bolt B to the correct tightness.
4. Secure bolt B by tightening locknut A thoroughly.
5. Return the dump box to its original position.

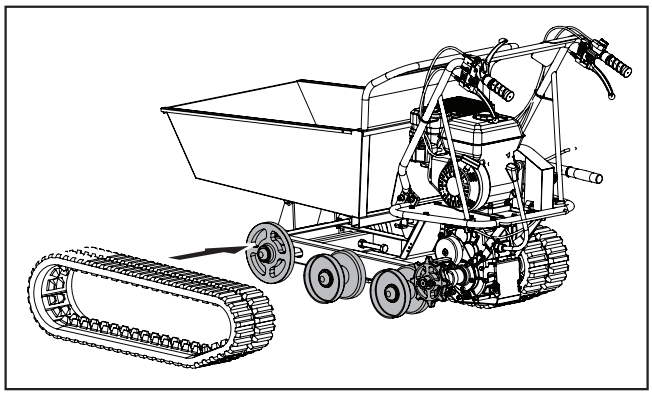
The adjustment of the track and the brakes are linked, therefore be very careful because if the track is over-tightened, the braking effect will be lost.

If the adjustment bolt cannot be adjusted any further, the tracks may have to be replaced.

Replacing the tracks

Check the condition of the tracks periodically. If any track is cracked or frayed, it should be replaced before the machine is used.

1. Loosen locknut A and bolt B shown in previous figure to loosen the tracks.



2. Slip the old tracks off and install the new tracks.
3. Adjust bolt B to ensure the correct tightness.
4. Secure bolt B by tightening locknut A thoroughly.

When removing or installing the tracks, be careful not to get your fingers caught between the track and the pulley.

Engine maintenance

Refer to the Engine Manual included in your unit for information on engine maintenance. Your engine manual provides detailed information and a maintenance schedule for performing tasks.

STORAGE

If the minitransporter will not be used for a period longer than 30 days, follow the steps below to prepare your unit for storage.

1. Drain the fuel tank completely. Stored fuel containing ethanol or MTBE can start to go stale within 30 days. Stale fuel has a high gum content and can clog the carburettor and restrict fuel flow.
2. Start the engine and allow it to run until it stops. This ensures no fuel is left in the carburettor. This helps prevent gum deposits from forming inside the carburettor and damaging the engine.
3. While the engine is still warm, but not hot, drain the oil from the engine. Refill with fresh oil of the grade recommended in the Engine Manual.

4. Use clean cloths to clean off the outside of the machine and to keep the air vents free of obstructions.

Do not use strong detergents or petroleum based cleaners when cleaning plastic parts. Chemicals can damage plastics.

5. Inspect the machine for any loose or damaged parts. Repair or replace damaged parts and tighten loose screws, nuts or bolts.

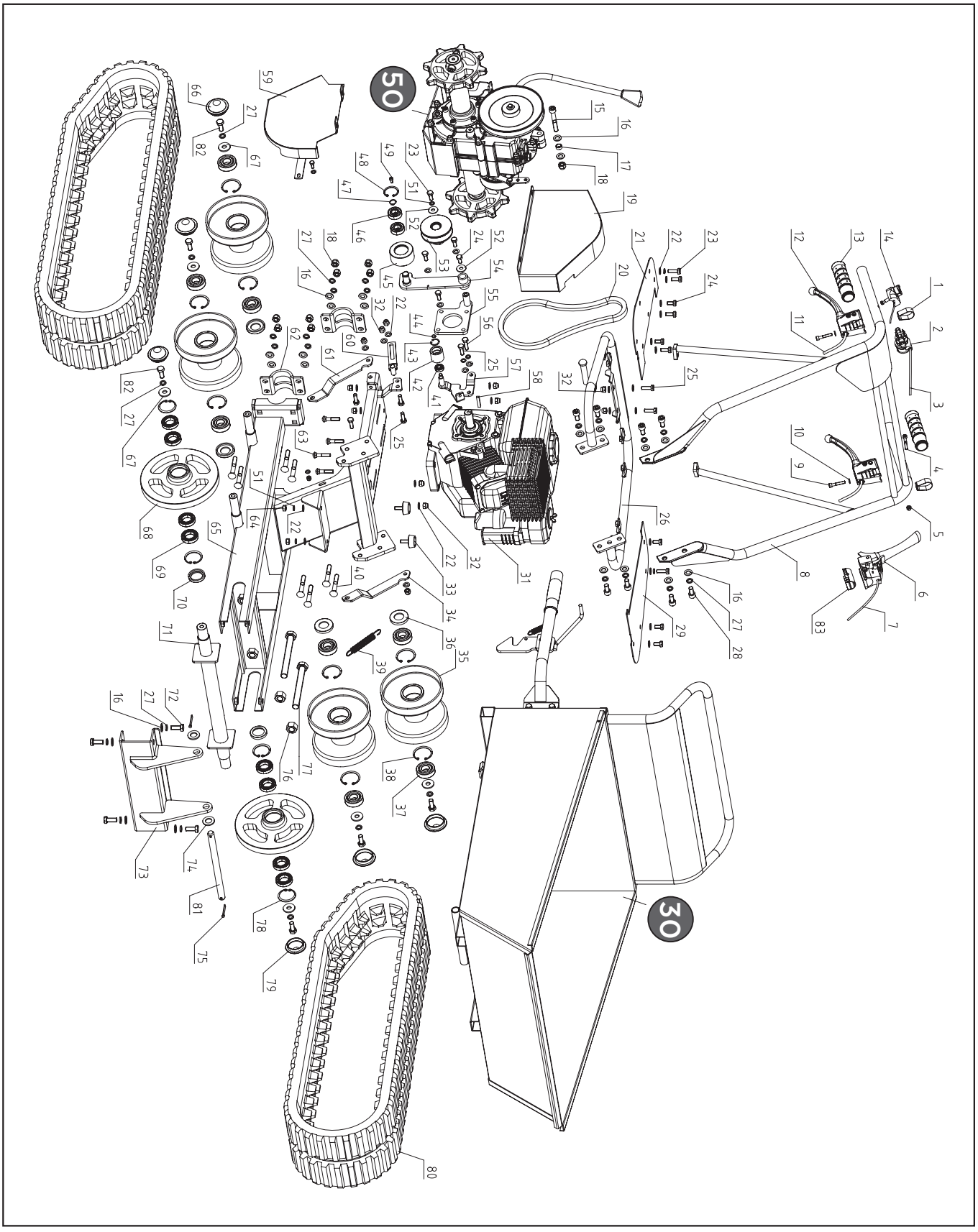
6. Store your unit on flat ground in a clean, dry building that has good ventilation.

Do not store the machine containing fuel in a non-ventilated area where fuel fumes may reach flames, sparks, pilot lights or any other ignition sources.

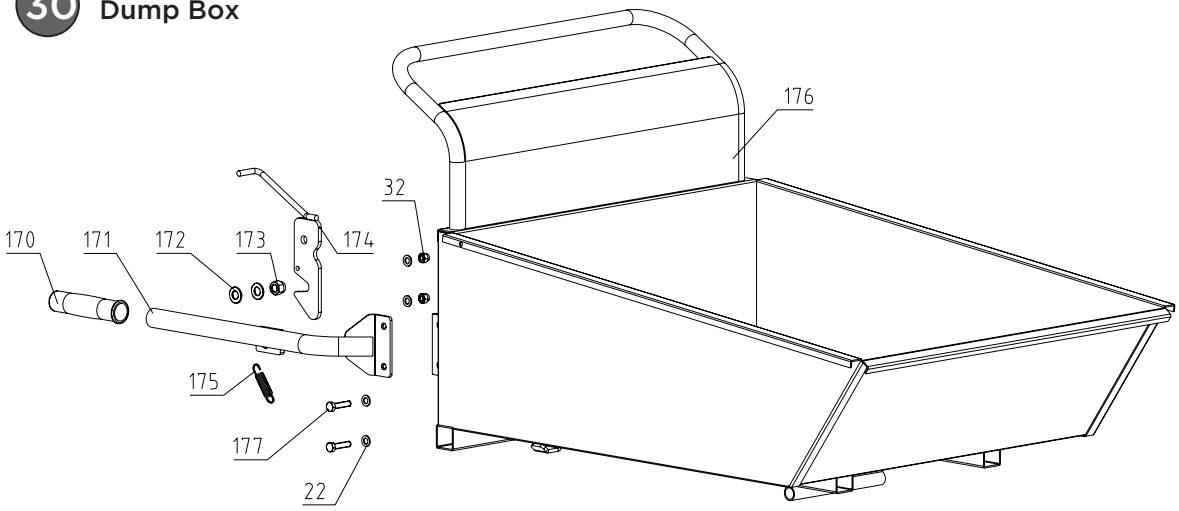
TROUBLE SHOOTING

Problem	Cause	Remedy
Engine fails to start.	1. Spark plug wire disconnected. 2. Out of fuel or stale fuel. 3. Choke not in the open position. 4. Blocked fuel line. 5. Fouled spark plug. 6. Engine flooding.	1. Attach the spark plug wire securely to the spark plug. 2. Fill with clean, fresh petrol. 3. Throttle must be positioned at choke for a cold start. 4. Clean the fuel line. 5. Clean, adjust gap, or replace. 6. Wait a few minutes to restart, but do not prime.
Engine runs erratically.	1. The spark plug wire is loose. 2. The unit is running on CHOKE. 3. Blocked fuel line or stale fuel. 4. The vent is plugged. 5. Water or dirt in the fuel system. 6. Dirty air cleaner. 7. Improper carburettor adjustment.	1. Connect and tighten the spark plug wire. 2. Move the choke lever to OFF. 3. Clean the fuel line. Fill the tank with clean, fresh petrol. 4. Clear the vent. 5. Drain the fuel tank. Refill with fresh fuel. 6. Clean or replace the air cleaner. 7. Refer to the Engine Manual..
Engine overheats.	1. Engine oil level low. 2. The air cleaner is dirty. 3. Air flow is restricted. 4. The carburettor is not adjusted properly.	1. Fill the crankcase with proper oil. 2. Clean the air cleaner. 3. Remove the housing and clean. 4. Refer to the Engine Manual.
One of the two tracks is blocked.	Foreign bodies have worked their way between the track and the frame.	Remove the foreign body.
Machine does not move while the engine is running.	1. Gear is not properly selected. 2. The driving tracks are not tight enough.	1. Ensure the gear lever is not in-between two different gears. 2. Tighten the driving tracks.

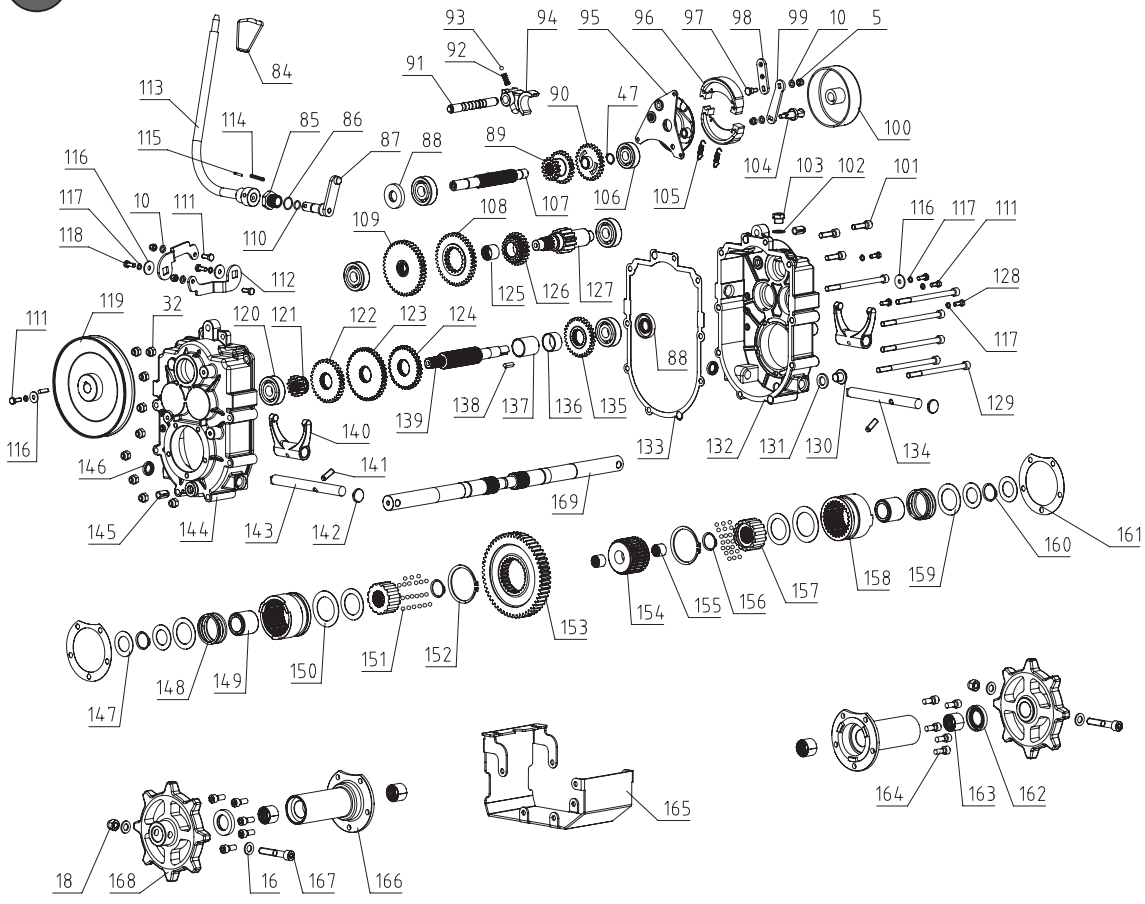
PARTS SCHEDULE



30 Dump Box



50 Gear Box



PARTS LISTS

Item	Part No	Description	QTY	Item	Part No	Description	QTY
1	TH194-1	Hoop	2	45	TH194-45	Tensioner Pulley	1
2	TH194-2	Throttle Lever	1	46	TH194-46	Bearing 6202	2
3	TH194-3	Throttle Cable	1	47	TH194-47	Circlip 15	2
4	TH194-4	Bolt M6x40	1	48	TH194-48	Circlip 35	1
5	TH194-5	Lock Nut M6	5	49	TH194-49	Bolt M5x12	1
6	TH194-6	Clutch Control Lever	1	50	TH194-50	Gear Box	1
7	TH194-7	Clutch Control Lever Cable	1	51	TH194-51	Spring Gasket ø8	12
8	TH194-8	Handle Frame Assembly	1	52	TH194-52	Big Washer ø8	2
9	TH194-9	Bolt M6x35	2	53	TH194-53	Small Belt Pulley	1
10	TH194-10	Washer ø6	5	54	TH194-54	Tensioner Pulley Bracket	1
11	TH194-11	Right/Left Steering Lever Cable	2	55	TH194-55	Fixed Bracket	1
12	TH194-12	Right/Left Steering Lever	2	56	TH194-56	Bolt M8x30	1
13	TH194-13	Handle Sleeve	2	57	TH194-57	Compression Roller Mounting Plate	1
14	TH194-14	ON/OFF Switch	1	58	TH194-58	Key 5x35	1
15	TH194-15	Bolt M10x10	1	59	TH194-59	Large Belt Pulley Cover	1
16	TH194-16	Washer ø10	38	60	TH194-60	Belt Plate	1
17	TH194-17	Bush	1	61	TH194-61	Support Plate (R)	1
18	TH194-18	Lock Nut M10	12	62	TH194-62	Wheel Axle Fixing Plate	2
19	TH194-19	Small Belt Pulley Cover	1	63	TH194-63	Bolt M8x40	4
20	TH194-20	Belt B770	1	64	TH194-64	Nut M8	2
21	TH194-21	Soleplate (R)	1	65	TH194-65	Chassis	1
22	TH194-22	Washer ø8	36	66	TH194-66	φ47 Axle Head Cover (Support Wheel)	4
23	TH194-23	Bolt M8x20	7	67	TH194-67	Big Washer φ10	6
24	TH194-24	Bolt M8x16	6	68	TH194-68	Guide Wheel	2
25	TH194-25	Bolt M8x25	11	69	TH194-69	Bearing 61905	4
26	TH194-26	Handle Mounting Frame	1	70	TH194-70	Seal Ring 42x30x7	1
27	TH194-27	Spring Gasket ø10	36	71	TH194-71	Guide Wheel Axle	1
28	TH194-28	Bolt M10x20	8	72	TH194-72	Bolt M10x20	4
29	TH194-29	Soleplate (L)	1	73	TH194-73	Mounting Bracket	1
30	TH194-30	Dump Box Assembly	1	74	TH194-74	Washer φ16	2
31	TH194-31	Engine	1	75	TH194-75	Cotter Pin $\oint$ 4X35	2
32	TH194-32	Lock Nut M8	23	76	TH194-76	Nut M16	2
33	TH194-33	Rubber Washer	2	77	TH194-77	Bolt M16x40	2
34	TH194-34	Support Plate (L)	1	78	TH194-78	Circlip 42	2
35	TH194-35	Support Wheel	4	79	TH194-79	φ42 Axle Head Cover (Guide Wheel)	2
36	TH194-36	Seal Ring 25x47x7	4	80	TH194-80	Track 180x60	2
37	TH194-37	Bearing 6204-2RS	2	81	TH194-81	Long Pin	1
38	TH194-38	Circlip 47	2	82	TH194-82	Bolt M10x25	6
39	TH194-39	Spring	1	83	TH194-83	Clutch Control Lever Plastic Underlay	1
40	TH194-40	Bolt M10x65	8	84	TH194-84	Gearshift Lever Knob	1
41	TH194-41	Bearing 608	1	85	TH194-85	Orientation Nut	1
42	TH194-42	Compression Roller	1	86	TH194-86	O-Ring 17x1.8	1
43	TH194-43	Circlip 22	1	87	TH194-87	Lever Mount Bracket	1
44	TH194-44	Circlip 8	1	88	TH194-88	Seal FB17X40X7	2

PARTS LISTS

Item No	Part No	Description	QTY	Item No	Part No	Description	QTY
89	TH194-89	Duplex Slip Gear	1	134	TH194-134	Clutch Fork Shaft (L)	1
90	TH194-90	Gear	1	135	TH194-135	Gear Ⅱ-1	1
91	TH194-91	Gearshift Fork Guide Pin	1	136	TH194-136	Bush 2	1
92	TH194-92	Spring	1	137	TH194-137	Bush 1	1
93	TH194-93	Steel Ball 6	1	138	TH194-138	Key C5x20	2
94	TH194-94	Gearshift Fork	1	139	TH194-139	Spline ShaftⅡ	1
95	TH194-95	Rivet Assembly	1	140	TH194-140	Clutch Fork	2
96	TH194-96	Brake Disk	2	141	TH194-141	Lock Bolt M8x25	2
97	TH194-97	Joint Bolt	1	142	TH194-142	Plug	2
98	TH194-98	Plate	1	143	TH194-143	Clutch Fork Shaft (R)	1
99	TH194-99	Brake Pull Plate	1	144	TH194-144	Gear Box Case (R)	1
100	TH194-100	Expansion Brake Cover	1	145	TH194-145	Pin 12x20	2
101	TH194-101	Bolt M8x30	3	146	TH194-146	Seal FB16x22x4	2
102	TH194-102	Gasket	1	147	TH194-147	Gasket 1	4
103	TH194-103	Vent-Plug	1	148	TH194-148	Clutch Spring	2
104	TH194-104	Stud	1	149	TH194-149	Spring Guide Bush	2
105	TH194-105	Spring	2	150	TH194-150	Spring Gasket	2
106	TH194-106	Bearing 6302	1	151	TH194-151	Steel Ball 5	42
107	TH194-107	Spline Shaft Ⅰ	1	152	TH194-152	Circlip 58	2
108	TH194-108	Gear Ⅲ-3	1	153	TH194-153	Output Gear	1
109	TH194-109	Gear Ⅲ-4	1	154	TH194-154	Intermediate Joint Bush	1
110	TH194-110	O-Ring 11.2x1.8	1	155	TH194-155	Intermediate Joint Bush Composite Bushing	2
111	TH194-111	Bolt M6x16	4	156	TH194-156	Circlip 26	2
112	TH194-112	Swing Plate	2	157	TH194-157	Joint Bush	2
113	TH194-113	Gearshift Lever	1	158	TH194-158	Clutch Bush	2
114	TH194-114	Pin 5X30	1	159	TH194-159	Spring Gasket	4
115	TH194-115	Pin 3X30	1	160	TH194-160	Circlip 25	2
116	TH194-116	Big Washer φ6	4	161	TH194-161	Output Gear Bush Paper Spacer	2
117	TH194-117	Spring Gasket φ6	7	162	TH194-162	Seal FB42x25x7	2
118	TH194-118	Bolt M6x20	2	163	TH194-163	Output Shaft Composite Bushing	4
119	TH194-119	Large Belt Pulley	1	164	TH194-164	Bolt M8x20	10
120	TH194-120	Bearing 6303	5	165	TH194-165	Guard Cover	1
121	TH194-121	Gear Ⅱ-5	1	166	TH194-166	Output Shaft Housing	2
122	TH194-122	Gear Ⅱ-4	1	167	TH194-167	Bolt M10x60	2
123	TH194-123	Gear Ⅱ-3	1	168	TH194-168	Driving Wheel	2
124	TH194-124	Gear Ⅱ-2	1	169	TH194-169	Output Shaft	2
125	TH194-125	Gear Ⅲ-2 Bush	1	170	TH194-170	Handle Sleeve	1
126	TH194-126	Gear Ⅲ-2	1	171	TH194-171	Tipping Handle	1
127	TH194-127	Gear Shaft Ⅲ	1	172	TH194-172	Gasket 12	2
128	TH194-128	Expansion Brake Lock Bolt	3	173	TH194-173	Nut M12	1
129	TH194-129	Bolt M8x130	6	174	TH194-174	Locking Device	1
130	TH194-130	Plug M14x1.5	1	175	TH194-175	Spring	1
131	TH194-131	Washer Groupware 14	1	176	TH194-176	Dump Box	1
132	TH194-132	Gear Box Case (L)	1	177	TH194-177	Bolt M8x35	2
133	TH194-133	Gear Box Case Paper Spacer	1				

EC Declaration of Conformity

We, Importer
Handy Distribution
SN3 4NS

Declare that the product
Designation: All Terrain Mini Transporter
Model: THLC09715

Complies with the following directives:
2006/42/EC / Annex 1 - Machinery Directive
Directive 73/23/EEC
98/37/EC / Annex 1 – Machinery Directive
2000/14/EC

The conformity assessment procedure followed was in accordance with
Directive 2006/42/EC Annex 1

Name of the Notified Body: **Intertek Testing Services Shanghai**
Address: Building No.86, 1198,Qinzhou Road North, **Shanghai 200233**, CHINA

- Measured Sound Pressure Level: 102.8 dB (A)

Standards and technical specifications referred to:
2006/42/EC / Annex 1 – EN474-1, EN474-6, EN836 Annex G and H, EN ISO 3744, EN ISO 3767, EN3864, EN ISO 4413:2010, ISO 6405-1:2004, ISO 6405-2:1993, EN ISO 6682:1995, ISO 8437/A1:1997, ISO/DIS 8437:2008, ISO 10268:1993, ISO 10968:2004, EN ISO 11688-1:1998, EN ISO 11691:1995, EN ISO 11820: 1996, EN ISO 12100-2010, EN ISO 12100-1:2003, EN ISO 12100-2:2003, ISO 13333:1994, EN ISO 13849-1:2008, ISO 13852:1996, EN ISO 13857

Authorised signatory and technical file holder

Date: 26/11/2012

Signature:
Name / title: Mr. Simon Belcher / Managing Director
Hobley Drive, Stratton St Margaret, Swindon, Wiltshire, SN3 4NS.

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