

PRODUCT MANUAL



RAT Barrow

SAFETY PROCEDURE

SAFE OPERATION PROCEDURE

- Read the operating manual and safety instructions before you use it
- Ensure all operators are suitably trained and wear protective clothing where necessary
- Always wear hearing protection and any appropriate personal protective equipment
- Complete all safety check and prestart inspections before use
- Drive at speed slow enough to maintain control over unexpected hazards
- Keep others clear of moving RAT Barrow
- Always check behind you before reversing
- Make sure you completely shut down the RAT Barrow before getting off, even if you only get off temporarily for small tasks
- Drive the RAT Barrow with caution to avoid tipping over – always:
 - drive slowly
 - drive especially slowly and take extra care when turning
 - keep your feet on the decking at all times
 - do not drive on steep angles
 - never travel downhill with the Transaxle disengaged

- Ensure the tub latch firmly locks under the bar at all times
- Before refuelling or making adjustments, bring the machine to a complete standstill. To do so, isolate the RAT Barrow by applying the handbrake and turn the key switch to the 'off' position
- Take extreme care when refuelling
 - allow engine to cool before refuelling
 - avoid spilling fuel onto hot motor or exhaust

DO NOT

- Do not use faulty equipment
- Do not use if guards are not in place
- Never carry passengers
- Do not travel on slopes of greater than 15 degrees
- Do not travel quickly over rough ground as this may cause injury
- Do not operate when other people are close

HILL CLIMB

- Max Slope Angle: 15 degrees
- Travel directly up/down slopes rather than across, taking extra care when ascending or descending steep slopes. Ensure handbrake is applied when stopping.

POWER SYSTEM

Engine:	Briggs and Stratton 875EXi
Engine Technology	Single cylinder, 4-stroke, OHV
Displacement	190cc
Engine Power	12Nm @2,600 rpm
Cooling	Air
Governor	Mechanical
Cylinder configuration	Single
Electrical system	12 volts

FUEL SYSTEM

Fuel	Premium Unleaded
Fuel tank capacity	7L

TRANSMISSION

Drive System	Hydrostatic Drive
Forward Speed	0-10kph (6mph)
Reverse Speed	0-10kph (6mph)

GENERAL

Steering Type	Articulated
Turning Circle	3.5m
Incline capability	Up-to 15 degrees
Clearance	135mm

BRAKES

Drive	Internal wet disc
Park Brake	Yes

TUB

Material	Rotational Moulded Polyethylene
Load Capacity	200kg (440lbs)
Load Volume	150L (40USGal)

TYRES

Front	Turf 16x6.5-8
Rear	Turf 18x8-8

DIMENSIONS

Length	2.3m
Width	1m
Height	1.4m (ship height 0.9m)
Gross Weight	211kg

WARRANTY

Engine	
Consumer Use	24 months
Commercial Use	3 months
Body	12 months

USER MANUAL

Please read the following instructions before using your new RAT Barrow



1

TRANSMISSION DISENGAGE LINKAGE: To disengage the transmission pull the linkage rearward to it's full extension. This will disengage the transmission allowing it to be moved manually. To re-engage, push the linkage inward



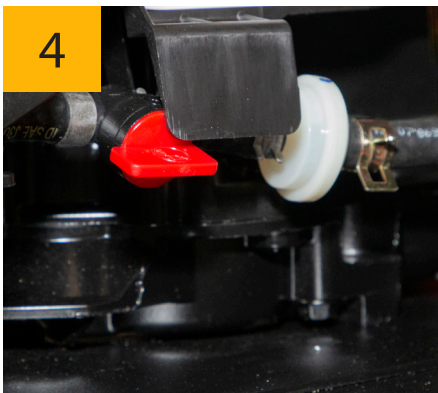
2

HAND BREAK: To engage the hand brake you place your foot on the brake pedal (left hand side) and then hold the lever up as shown in the picture. Once you have the lever up, release the pedal and the Hand Brake is now activated. To release you do the same action but push the lever down



3

REFUELLING, OIL TOP UP AND SEAT ADJUSTMENT: Simply tilt the seat towards the handlebar. The fuel cap is situated in the centre (black cap), the oil is slightly to the left (yellow cap) and the seat adjustment bolts are found at the base



4

FUEL TAP: The red tap on the right hand side of the engine is the fuel tap. It is "ON" when it is horizontal and "OFF" when vertical. Always turn tap to the off position for transportation to avoid flooding. It is advisable to turn the tap to the "OFF" position if there are no plans to use the RAT Barrow for an extended period of time and allow the motor to run out of fuel. Fuel should not be kept for any more than 90 days



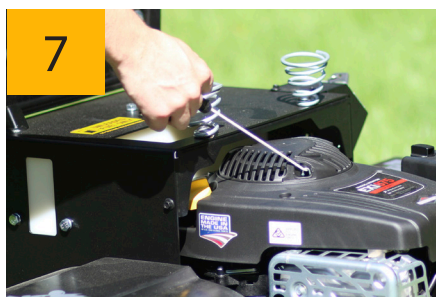
5

DRIVING: When driving your RAT Barrow it is recommended that you do so with your knees together. This will allow you to steer with ease and allow your RAT Barrow to turn without obstruction



6

TIPPING THE TUB: When the tub has been emptied, lower the tub whilst holding the latch outward (towards the rear of the unit) to ensure it goes over the engagement bar. Make sure the latch fits firmly under the bar so that the tub does not lower while driving



7

MANUAL PULL START: Turn the key to the on position, ensure the fuel tap is in the "on" position. Pull the rope until it starts. Note: Throttle & choke controls are automatic

USER MANUAL

Please read the following instructions before using your new RAT Barrow



RATED AT 92 DECIBELS
Ear muffs are recommended for extended use of this machine



**DO NOT SMOKE
WHILST OPERATING
THIS MACHINE**



TYRE PRESSURE GUIDE 5-7 PSI
or 35 to 48 kPa Adjust pressure to achieve ride comfort depending on terrain



DO NOT OVERLOAD
Max load weight in tub is 200kg



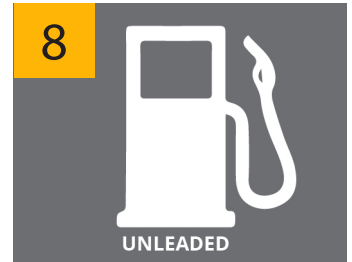
**DO NOT OBSTRUCT
VISIBILITY WITH LOAD**



**TOW HITCH
MAX 200KG**



**DO NOT TOW ANY IMPLEMENTS
THAT EXCEED 200KG**



**UNLEADED
FUEL ONLY**



Check the drive belt after 50 hrs of use. If loose the barrow will slip or have reduced power.

HOW TO TIGHTEN DRIVE BELTS:

- 1 Loosen the four slide plate bolts on the motor.
- 2 Turn belt tension bolt **CLOCKWISE** until belt is firm. **DO NOT** over tighten. Re tighten the four slide bolts.
- 3 Refer to Youtube: "How to" videos.

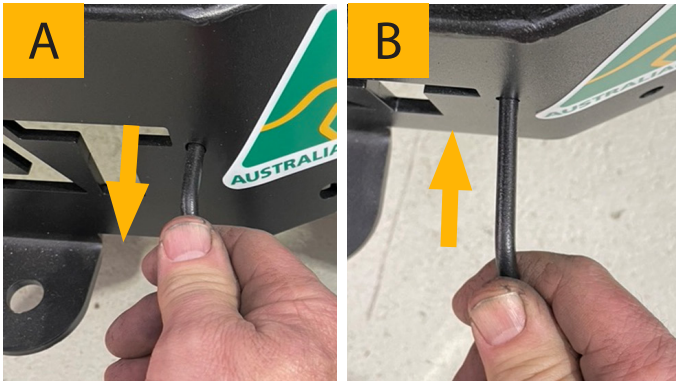
MAINTENANCE CHECK LIST

ACTION	DAILY CHECK	DAILY CHECK
Fuel/Oil	●	●
Tyre Pressure	●	●
Air Filter Change	* monthly in dusty conditions	●
Spark Plug		●
Fuel Filter		●
Oil Change		●
Belt Tension		●
Lubricate Articulation Pin		●

Instruction videos available on | <https://www.youtube.com/@ratbarrow354>

UNDERSTANDING THE CONTROLS

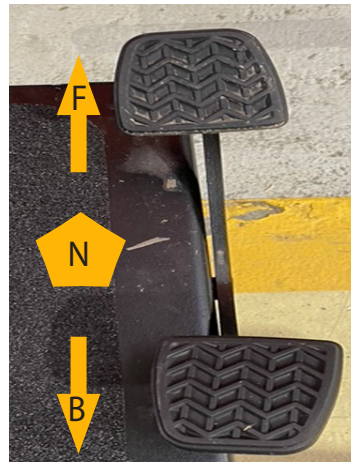
TRANSAXLE ENGAGE/ DISENGAGE



A
Push rod in to move with Motor (Engage)

B
Pull rod out to move manually, this disengages the differential

FORWARD / BACKWARD MOVEMENT



A - FORWARD Press the Front right pedal forward to move forward. The further forward, the faster the RAT Barrow will move

B - BACKWARD Press the front right pedal backwards to move backwards. The further backward the faster the RAT Barrow will move

C - NEUTRAL Remove pressure from right pedal and it returns to neutral

PEDAL BRAKE



BRAKE:
Left Side Single Pedal Push down to stop

BRAKE



PARK BRAKE:
STEP A Press Brake Pedal (left hand side) down, holding the RAT Barrow in a stationary position

STEP B While pressing the Brake pedal down, hold the brake lever up. Release the pedal and the lever should remain in the up position

RELEASE BRAKE:
To release park brake, depress brake pedal and the brake lever will release, allowing the unit to drive

TUB TIPPING FUNCTION



TUB TIPPING:
STEP A Check load weight is centred in tub.
Note: Too much weight forward of centre line of tub will cause tub to tip rapidly

STEP B Pull Release latch backwards lowering your load

TUB LIFTING:
STEP A From seated position pull tub back with latch handle.

STEP B Open latch up, so latch goes over your side of latch locking bar

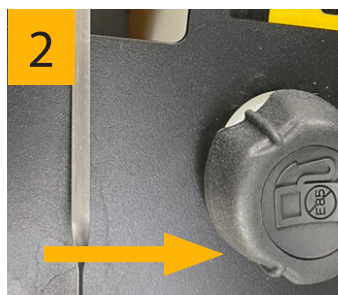
STEP C Push latch forward to lock latch under the locking bar

QUICK START GUIDE

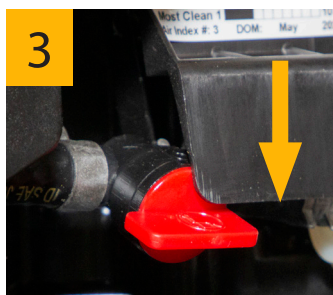
Pre-Operation check. Must be performed before RAT Barrow is used



CHECK OIL LEVEL If oil is required, top up with Briggs and Stratton SAE30 oil



FILL FUEL TANK 95 Octane is recommended. **Note using E85** may void warranty



TURN FUEL ON



TYRE Check Tyre Pressures: Setting Front: 5-7 PSI or 35 to 48 kPa Rear: 5- PSI or 35 to 48 kPa



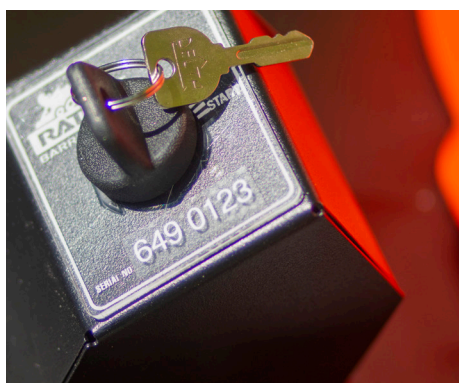
STEERING:

STEP A To steer, place your hands on the handlebars well apart on the rubber grips

STEP B To turn left, push your right arm forward, this will pivot the RAT Barrow in the middle. The further you push, the tighter the RAT Barrow will turn

STEP C Release pressure when turning, slowly and the Rat Barrow will return to the straight position

STEP D To turn right push your left arm forward, this will pivot the RAT Barrow in the middle. The further you push the tighter the rat Barrow will turn



KEY START:

STEP A Turn fuel on and check that the tank is full

STEP B Put your foot on the brake

STEP C Turn the key to **RUN**

STEP D Turn the key to start position. **NOTE:** Only 4 seconds at a time

STEP E This may take several times to prime fuel

NOTE: Only crank the engine for 4 seconds at a time, if the engine doesn't start then wait for 15 second before performing step D again



PULL START (FLAT BATTERY):

STEP A Turn fuel on and check that the tank is full

STEP B Set the park brake to the **ON** position

STEP C Turn the key to **RUN**

STEP D Use pull start under seat

STEP E This may take several times to prime fuel

TRAILER OPTIONS



Extend the capacity of your RAT Barrow with these trailer options

The RAT Barrow tub trailer is a versatile and efficient hauling solution designed to make transporting heavy loads effortless. With its robust construction and practical design, this tub trailer is built to withstand the rigors of demanding tasks, whether it's in the garden, on the construction site, or at the farm.

The trailer features a spacious and durable tub made from high-quality materials, providing a generous carrying capacity for a variety of goods, such as gravel, soil, tools, or livestock feed. The tub is supported by a sturdy frame with reinforced corners and a reinforced axle, ensuring stability and durability even when tackling uneven terrain.



MESH

680810

DESIGNED FOR RUGGED
OUTDOOR HAULING

- Sturdy construction
- Large pneumatic tires to smoothly run over different surfaces
- Handle for controlled pulling or pushing
- Can be hitched to a variety of vehicles
- 200Kg capacity



BLACK TUB

680800

DESIGNED FOR PRACTICALITY AND CONVE-
NIENCE | RANGE OF COLOURS AVAILABLE

- Large pneumatic tires to smoothly run over different surfaces
- Handle for controlled pulling or pushing
- Tipping function to easily unload materials
- Can be hitched to a variety of vehicles
- 200Kg capacity

MAINTENANCE

The maintenance of your RAT Barrow is simple but crucial to the longevity of your Barrow

- The first oil change should be after 20hrs of use. Oil removal kits and Briggs and Stratton oil can be purchased at your local hardware store or Briggs and Stratton agent
- View the YOUTUBE video on "Changing the oil on your RAT Barrow"
- Always use Briggs and Stratton SAE 30 Oil
- Further oil changes should be done after 50hrs of use
- Check oil level monthly, keep it in between the dots on the end of the dip stick
- Check the drive belt after 50 hrs of use. If loose the barrow will slip or have reduced power. To tighten refer to user manual (page 4)
- View the YOUTUBE video on "Adjusting the drive belt on your RAT Barrow"
- Grease articulation point at service intervals
- For engine related faults or concerns please contact your local Briggs & Stratton Dealer

RAT BARROW MANUAL

THANKYOU FOR SUPPORTING AUSTRALIAN MADE



REGISTRATION

Scan the QR code to register your product and for warranty information or visit the following link



WWW.RATBARROW.COM.AU