

Video Tutorial:  
[Tillers – Assembly](#)



## 6 Tine Tiller/Cultivator - BT-667

### User Manual

[Revision 2.0 November 2019]

---

READ THIS MANUAL CAREFULLY BEFORE USE – FAILURE TO DO SO MAY RESULT IN INJURY, PROPERTY DAMAGE AND MAY VOID WARRANTY. • KEEP THIS MANUAL FOR FUTURE REFERENCE. • Products covered by this manual may vary in appearance, assembly, inclusions, specifications, description and packaging.



The product is NOT supplied with engine oil, although traces of oil from the manufacturing process may be present. It is essential to add adequate engine oil of the correct type to the engine before use.

**Failure to add engine oil will void the product warranty.**

---

# Safety

Safety messages are designed to alert you to possible dangers or hazards that could cause death, injury or equipment or property damage if not understood or followed. Safety messages have the following symbols:



You **WILL** be KILLED or SERIOUSLY INJURED if you do not follow instructions.

It is vital that you read and understand this user manual before using the product, including safety warnings, and any assembly and operating instructions. Keep the manual for future reference.

Safety precautions and recommendations detailed here must be fully understood and followed to reduce the risk of injury, fire, explosion, electrical hazard, and/or property damage.

Safety information presented here is generic in nature – some advice may not be applicable to every product. The term "equipment" refers to the product, be it electrical mains powered, battery powered or combustion engine powered.

- **Before Use** - If you are not familiar with the safe operation/handling of the equipment or are in any way unsure of any aspect of suitability or correct use for your application, you should complete training conducted by a person or organization qualified in safe use and operation of this equipment, including fuel/electrical handling and safety.
- Do NOT operate the equipment in flammable or explosive environments, such as in the presence of flammable liquids, gases or dust. The equipment may create sparks or heat that may ignite flammable substances.
- Keep clear of moving parts.
- Equipment may be a potential source of electric shock or injury if misused.
- Do NOT operate the equipment if it is damaged, malfunctioning or is in an excessively worn state.
- Do NOT allow others to use the equipment unless they have read this manual and are adequately trained.
- Keep packaging away from children - risk of suffocation! Operators must use the equipment correctly. When using the equipment, consider conditions and pay due care to persons and property.

## General Work Area Safety

- Work areas should be clean and well lit.
- Do not operate the equipment if bystanders, animals etc are within operating range of the equipment or the general work area.
- If devices are provided for connecting dust extraction / collection facilities, ensure these are connected and used properly. Dust collection can reduce dust-related hazards.



You **CAN** be KILLED or SERIOUSLY INJURED if you do not follow instructions.

## General Personal Safety

- Wear appropriate protective equipment when operating, servicing, or when in the operating area of the equipment to help protect from eye and ear injury, poisoning, burns, cutting and crush injuries. Protective equipment such as safety goggles, respirators, non-slip safety footwear, hard hat, hearing protection etc should be used for appropriate equipment / conditions. Other people nearby should also wear appropriate personal protective equipment. Do not wear loose clothing or jewellery, which can be caught in moving parts. Keep hair and clothing away from the equipment.
- Stay alert and use common sense when operating the equipment. Do not over-reach. Always maintain secure footing and balance.
- Do not use the equipment if tired or under the influence of drugs, alcohol or medication.
- This equipment is not intended for use by persons with reduced physical, sensory or mental capabilities.

## General Fuel Safety

- Petrol/fuel/gasoline is extremely flammable – keep clear of naked flames or other ignition sources.
- Do not spill fuel. If you spill fuel, wipe it off the equipment immediately – if fuel gets on your clothing, change clothing.
- Do NOT smoke near fuel or when refuelling.
- Always shut off the engine before refuelling.
- Do NOT refuel a hot engine.
- Open the fuel cap carefully to allow any pressure build-up in the tank to release slowly.
- Always refuel in well ventilated areas.
- Always check for fuel leakage. If fuel leakage is found, do not start or run the engine until all leaks are fixed.

## General Carbon-Monoxide Safety

- Using a combustion engine indoors **CAN KILL IN MINUTES**. Engine exhaust contains carbon-monoxide – a poison you cannot smell or see.
- Use combustion engines OUTSIDE only, and far away from windows, doors and vents.



You **CAN** be INJURED if you do not follow instructions or equipment damage may occur.

## General Equipment Use and Care

- The equipment is designed for domestic use only.
- Handle the equipment safely and carefully.
- Before use, inspect the equipment for misalignment or binding of moving parts, loose components, damage or any other condition that may affect its operation. If damaged, have the equipment repaired by an authorised service centre or technician before use.
- Prevent unintentional starting of the equipment - ensure equipment and power switches are in the OFF position before connecting or moving equipment. Do not carry equipment with hands or fingers touching any controls. Remove any tools or other items that are not a part of the equipment from it before starting or switching on.
- Do not force the equipment. Use the correct equipment for your application. Equipment will perform better and be safer when used within its design and usage parameters.
- Use the equipment and accessories etc. in accordance with these instructions, considering working conditions and the work to be performed. Using the equipment for operations different from those intended could result in hazardous situations.
- Always keep equipment components (engines, hoses, handles, controls, frames, housings, guards etc) and accessories (cutting tools, nozzles, bits etc) properly maintained. Keep the equipment clean and, where applicable, properly lubricated.
- Store the equipment out of reach of children or untrained persons. To avoid burns or fire hazards, let the equipment cool completely before transporting or storing. Never place or store the equipment near flammable materials, combustible gases or liquids etc.
- The equipment is not weather-proof, and should not be stored in direct sunlight, at high ambient temperatures or locations that are damp or humid.
- Do not clean equipment with solvents, flammable liquids or harsh abrasives.
- For specific equipment safety use and care, see Equipment Safety.

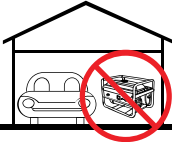
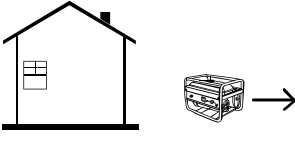
| General Electrical Safety                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | General Electrical Safety                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | General Service Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <ul style="list-style-type: none"> <li>Inspect electrical equipment, extension cords, power bars, and electrical fittings for damage or wear before each use. Repair or replace damaged equipment immediately.</li> <li>Ensure all power sources conform to equipment voltage requirements and are disconnected before connecting or disconnecting equipment.</li> <li>When wiring electrically powered equipment, follow all electrical and safety codes.</li> <li>Wherever possible, use a residual current device (RCD).</li> <li>High voltage / high current power lines may be present. Use extreme caution to avoid contact or interference with power lines. Electrical shock can be fatal.</li> </ul> | <ul style="list-style-type: none"> <li>Electrically grounded equipment must have an approved cord and plug and be connected to a grounded electrical outlet.</li> <li>Do NOT bypass the ON/OFF switch and operate equipment by connecting and disconnecting the electrical cord.</li> <li>Do NOT use equipment that has exposed wiring, damaged switches, covers or guards.</li> <li>Do NOT use electrical equipment in wet conditions or in damp locations.</li> <li>Do NOT use electrical cords to lift, move or carry equipment.</li> <li>Do NOT coil or knot electrical cords, and ensure electrical cords are not trip hazards.</li> </ul> | <ul style="list-style-type: none"> <li>The equipment must be serviced or repaired at authorised service centres by qualified personnel only.</li> <li>Replacement parts must be original equipment manufacturer (OEM) to ensure equipment safety is maintained.</li> <li>Do NOT attempt any maintenance or repair work not described in this manual.</li> <li>After use, the equipment and components may still be hot – allow the equipment to cool and disconnect spark plugs and/or electrical power sources and/or batteries from it before adjusting, changing accessories or performing repair or maintenance.</li> <li>Do NOT adjust while the equipment is running.</li> <li>Perform service related activities in suitable conditions, such as a workshop.</li> <li>Replace worn, damaged or missing warning/safety labels immediately.</li> </ul> |

### Tiller Safety

Accurate assembly and safe and effective use of the rototiller is the owner's responsibility.

- Read and follow all safety instructions.
- Carefully follow all assembly instructions.
- Ensure that anyone who uses the tiller must read the manual and be familiar with all controls and safety precautions.
- Operate the tiller according to the safety instructions and recommendations outlined here.
- Your tiller is equipped with a safety device that enables you to stop the wheels and tines in an emergency.
- Learn how to safely control the tiller at all times.
- Do not allow children to operate this rototiller. Keep small children away from the area being tilled. Do not allow adults to operate the tiller without proper instruction.
- Dress appropriately when operating the tiller. Always wear sturdy footwear. Never wear sandals, sneakers or open shoes and never operate the tiller with bare feet. Do not wear loose clothing that might get caught in moving parts.
- Carefully inspect the area to be tilled and remove all foreign objects. Do not till above underground water lines, gas lines, electric cables or pipes. Do not operate the tiller in soil with large rocks and foreign objects which can damage the equipment.
- Disengage all clutches and leave all control levers in the neutral position before starting the engine.
- Handle fuel with care; it is highly flammable:
  - Use an approved fuel container.
  - Never add fuel to a running engine or hot engine.
  - Fill the fuel tank outdoors with extreme care. Never fill the fuel tank indoors.
  - Replace the gasoline cap securely and clean up spilled fuel before restarting.
- Never operate the tiller without guards, covers and hoods in place.
- Be extremely cautious when operating in reverse. Take extra care to avoid slipping or falling, and keep hands and feet clear from the tines.
- Use extreme caution when operating on or crossing gravel drives, walks or roads. Stay alert for hidden hazards or traffic.
- After striking a foreign object, stop the engine, remove the wire from the spark plug, thoroughly inspect the tiller for any damage and repair the damage before restarting and operating the tiller.
- If vegetation clogs the tines, raise the handlebars to elevate the lines and run the tiller in reverse. If this does not clean chopped vegetation from the tines, stop the engine and disconnect the spark plug wire before removing vegetation by hand.
- The engine muffler will be hot from operation. Do not touch it with bare skin or a severe burn may result.
- If the unit should start to vibrate abnormally, stop the engine and check immediately for the cause. Vibration is generally a sign of trouble.
- Do not run the engine indoors; exhaust fumes are deadly.
- Do not overload the machine capacity by attempting to fill too deep at too fast a rate.
- Never operate the machine at high transport speeds on slippery surfaces. Look behind and use care when backing.
- Never allow bystanders near the unit.
- Use only attachments and accessories approved by the manufacturer of the tiller.
- Never operate the tiller without good visibility or light.
- Be careful when tilling in hard ground. The tines may catch in the ground and propel the tiller backwards. If this occurs, let go of the handlebars and do not restrain the machine.
- Take all possible precautions when leaving the machine unattended. Disengage all control levers, stop the engine, wait for all moving parts to stop and make certain guards and shields in place.

- When leaving the operating position for any reason:
  - Shut off the engine.
  - Wait for all moving parts to stop.

|                                                                                                                                                                                                                                 |                                                                                   |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|
|  <b>DANGER</b>                                                |                                                                                   |
| <p><b>Using an engine or wood/charcoal/gas fuelled appliance indoors CAN KILL YOU IN MINUTES.</b><br/> <b>Engine exhaust and wood/charcoal/gas fumes contain carbon monoxide. This is a poison you cannot see or smell.</b></p> |                                                                                   |
|                                                               |  |
| <p><b>NEVER</b> use inside a building, home, garage, boat, caravan or tent <b>EVEN IF</b> doors and windows are open.</p>                                                                                                       | <p><b>Only use OUTSIDE</b> and far away from windows, doors, and vents.</p>       |
| <p><b>Avoid other hazards - READ MANUAL BEFORE USE.</b></p>                                                                                                                                                                     |                                                                                   |

**GENERAL:**

- Do not operate in a hazardous location. Such areas include where there is a risk of explosion of petrol fumes, leaking gas or explosive dusts.
- Do not operate in a confined area where exhaust gases or wood/charcoal/gas fumes could reach dangerous concentrations.

**PRODUCTS FEATURING AN ENGINE**

- Follow all warnings in the section titled "GENERAL".
- Explosion hazard - never smoke while refuelling.
- Take care not to spill fuel. When refuelling the engine, ensure that the engine has been allowed to cool. Prevent spilling of fuel as this may also ignite with a hot engine.
- Never refuel while engine is running.

**GENERATORS**

- Follow all warnings in the sections titled "GENERAL" and "PRODUCTS FEATURING AN ENGINE".
- The output of this generator is potentially lethal. The generator should not be connected to a fixed electrical installation except by an appropriately licensed person.
- Not weatherproof – protect your machine. This machine is not weatherproof and should not be exposed to direct sunlight, high ambient temperature, damp conditions, wet conditions or high humidity conditions.

## Safety Symbols

The product may have safety warning labels attached to it, explained below. Understand the symbols on your product and their meanings. If any stickers become unreadable, unattached etc., replace them.

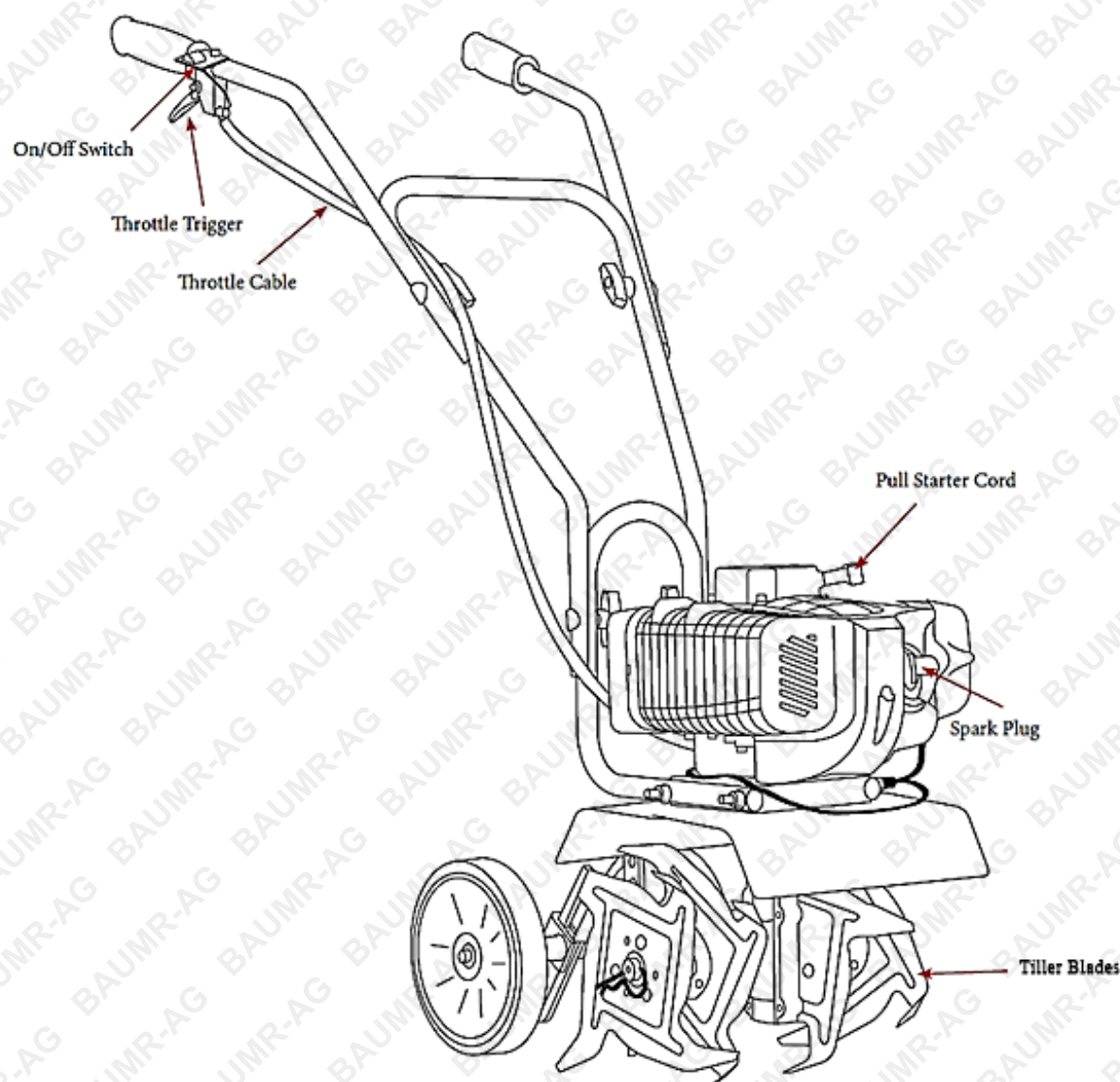
|                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                                                    |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <p><b>Flammable Material Hazard</b><br/>Flammable liquids, gases or substances etc may present. Avoid ignition sources and open flames. Danger of fire.</p>                                                                                            |  <p><b>Read User Manual</b><br/>Read and fully understand product safety warnings, operation, procedures etc before using the product.</p>                                                                                          |  <p><b>Use Hand Protection</b><br/>Wear appropriate hand protection and take due care as the product or use of the product may present hand hazards.</p>                                   |  <p><b>Carbon-Monoxide Hazard</b><br/>Do not use the product in confined areas or without adequate ventilation. Carbon-monoxide poisoning can be fatal.</p>                                                                     |
|  <p><b>Electrocution / Electrical Shock Hazard</b><br/>High voltage or high current electricity may be present or required by the product. Take due care when handling electrical products, cables, plugs and leads. Electrical shock can be fatal.</p> |  <p><b>Toxic Fumes / Dust Hazard</b><br/>Using the product or by-products from use may produce fumes, smoke or particles that could be harmful if inhaled. Wear appropriate breathing protection and have adequate ventilation.</p> |  <p><b>Explosive Material Hazard</b><br/>Combustible liquids, gases or substances etc may be present. Avoid ignition sources and open flames. Danger of explosion.</p>                     |  <p><b>Cutting / Amputation Hazard</b><br/>The product may have blades, edges or mechanical devices that can cause severe cut injury to fingers, limbs etc. Take due care when handling and using the product.</p>              |
|  <p><b>Crush Hazard</b><br/>The product may have blades, edges or mechanical devices that can cause severe crush injury to fingers, limbs etc. Take due care when handling and using the product.</p>                                                 |  <p><b>Single Operator Only</b><br/>The product must be operated by a single person only. More than one person operating the product may introduce additional hazards.</p>                                                        |  <p><b>Use Face Protection</b><br/>Wear appropriate full-face protection and take due care as the product or use of the product may present face and eye hazards.</p>                    |  <p><b>Use Foot Protection</b><br/>Wear appropriate foot protection and take due care as the product or use of the product may present foot hazards.</p>                                                                      |
|  <p><b>Use Eye / Ear / Head Protection</b><br/>Wear appropriate eye and / or ear and / or head protection and take due care as the product or use of the product may present eye, hearing and head hazards.</p>                                       |  <p><b>Running Hazard</b><br/>Do not run on or near the product as doing so may present a fall hazard.</p>                                                                                                                        |  <p><b>Diving Hazard</b><br/>Do not dive into the product as doing so may present a neck / head injury hazard.</p>                                                                       |  <p><b>Adult Supervision Required</b><br/>Always supervise children and other users of a product to prevent drowning or injury.</p>                                                                                           |
|  <p><b>Skin Penetration / Puncture Hazard</b><br/>The product may produce pressure, emit liquids or objects that can cause severe injury to fingers, limbs, blood etc. Take due care when handling and using the product.</p>                         |  <p><b>Hot Surface Hazard</b><br/>Be aware that the product may produce high temperatures and hot surfaces that can cause burn injuries.</p>                                                                                      |  <p><b>Flying Debris Hazard</b><br/>Be aware that the product or use of the product may present hazards produced by flying debris. Wear appropriate clothing and protective devices.</p> |  <p><b>Moving Parts Hazard</b><br/>Be aware that the product contains or uses mechanical devices that move or rotate. Always wait for moving parts to stop fully before handling the product, adjusting, maintenance etc.</p> |

|                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                          |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <p><b>Carbon-Monoxide Hazard</b><br/>Do not use the product in confined areas or without adequate ventilation. Carbon-monoxide poisoning can be fatal.</p>                                                                         |  <p><b>Pull Hazard</b><br/>Be aware that the product contains or uses mechanical devices that can pull in objects and can cause severe injury to fingers, limbs etc. Take due care when handling and using the product.</p>                                                   |  <p><b>Slope / Fall Injury Hazard</b><br/>Be aware that using the product on sloping surfaces or in slippery conditions may present additional dangers from falls and contact with blades, moving parts, hot surfaces etc.</p> |  <p><b>"Slam Dunk" Warning</b><br/>Do NOT attempt "slam dunk" manoeuvres as this may result in severe injury due to falling, product breakage or collapse etc.</p>    |
|  <p><b>Electrocution / Electrical Shock Hazard - Outdoor</b><br/>High voltage or high current electricity may be present or required by the product. Do NOT use in rain, damp or wet conditions. Electrical shock can be fatal.</p> |  <p><b>Electrocution / Electrical Shock Hazard - Disconnect</b><br/>High voltage or high current electricity may be present or required by the product. Always disconnect the product from the electrical supply before handling the product, adjusting, maintenance etc.</p> |  <p><b>Power Line Electrocution Hazard</b><br/>High voltage / high current power lines may be present. Use extreme caution to avoid contact or interference with power lines. Electrical shock can be fatal.</p>               |  <p><b>"Kick-Back" Hazard</b><br/>High level of "kick-back" hazard that can cause the machine to suddenly rotate towards operator. Kick-back injury can be fatal.</p> |
|  <p><b>Winch Operator Position Hazard</b><br/>Do NOT stand between winch and load. Do NOT use winch to move people.</p>                                                                                                            |  <p><b>Winch Lift Hazard</b><br/>Do NOT LIFT load vertically. Use machine to PULL only.</p>                                                                                                                                                                                  |  <p><b>Cable Hazard</b><br/>Ensure that load bearing cable is not kinked or knotted.</p>                                                                                                                                      |  <p><b>Winch Cable Hazard</b><br/>Ensure that there is a minimum number of cable coils on winching mechanism.</p>                                                    |
|  <p><b>Winch Hook Hazard</b><br/>Carry hook to load – do NOT throw or run.</p>                                                                                                                                                    |  <p><b>Flash / Blinding Hazard</b><br/>Wear appropriate eye protection for welding. Direct exposure to weld arcs may cause permanent eye injury.</p>                                                                                                                        |  <p><b>Laser Hazard</b><br/>Laser may be in use – do NOT look directly at laser or allow others to.</p>                                                                                                                      |                                                                                                                                                                                                                                                          |

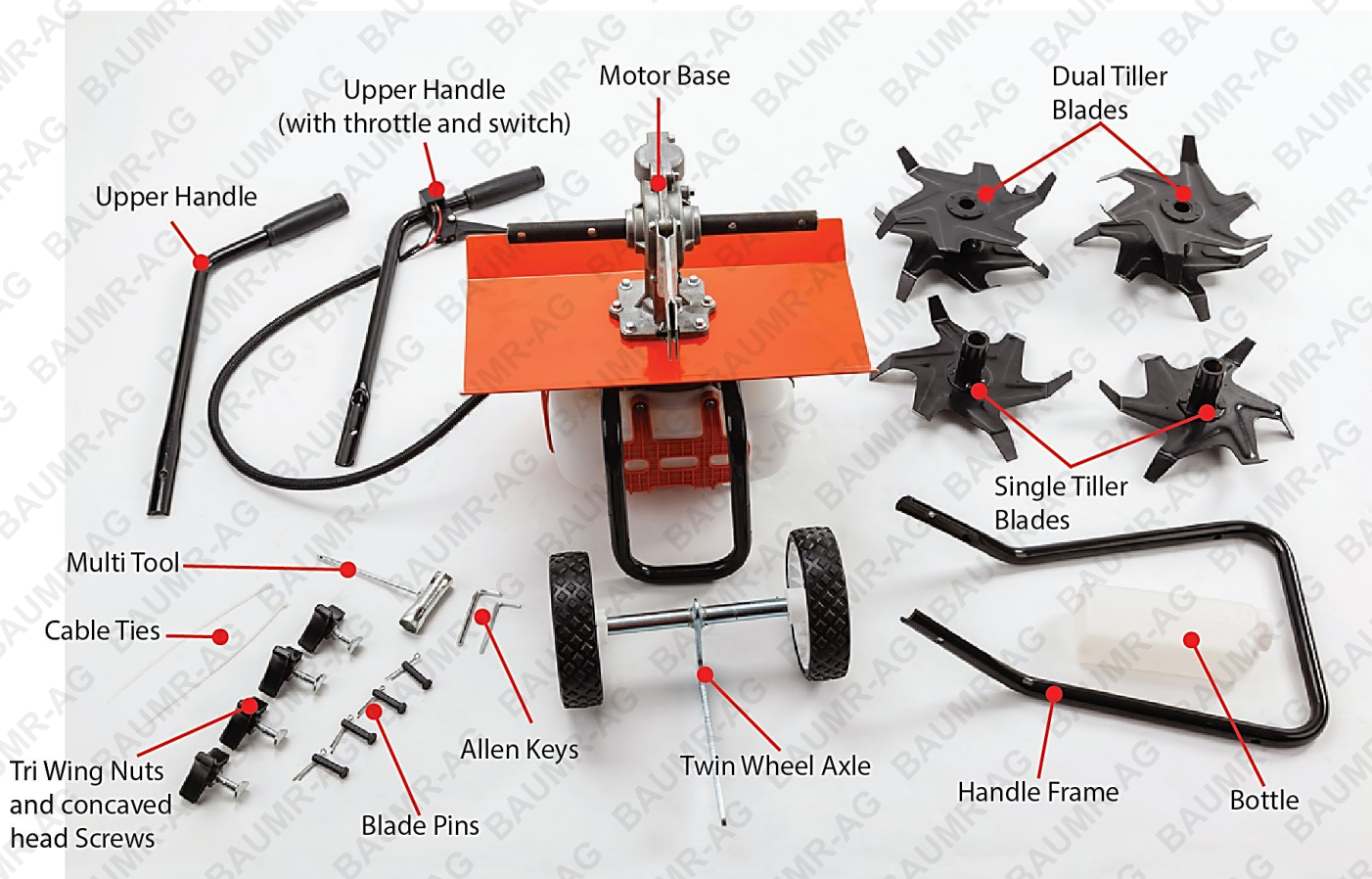
# Table of Contents

|                                   |           |
|-----------------------------------|-----------|
| <b>Safety .....</b>               | <b>2</b>  |
| Safety Symbols .....              | 5         |
| <b>Parts Identification .....</b> | <b>8</b>  |
| <b>Included Items .....</b>       | <b>9</b>  |
| <b>Assembly .....</b>             | <b>10</b> |
| <b>Quick Start Guide .....</b>    | <b>15</b> |
| <b>Maintenance.....</b>           | <b>16</b> |
| Air Filter .....                  | 16        |
| Spark Plug .....                  | 16        |
| Reduction Gearbox.....            | 17        |
| <b>Specifications .....</b>       | <b>17</b> |

## Parts Identification



## Included Items



- 1x Motor Base (with upper handle, throttle and switch)
- 1x Upper handle
- 2x Dual Tiller Blades
- 2x Single Tiller Blades
- 1x Bottle (for fuel and 2 stroke mixing)
- 1x Handle Frame

- 1x Twin Wheel Axle
- 2x Allen Keys (5mm & 4mm)
- 4x Blade Pins
- 4x Tri Wing nuts (for handles)
- 1x Multi Tool (with 17mm & 19mm hex socket and Phillips head tip)
- 2x Cable Ties

# Assembly

Video Tutorial:  
[Tillers – Assembly](#)



Please note, this is to be done straight out of the box. Ensure no fuel or petrol mix is in the tank. Augers and auger tips are consumable parts and are not covered under warranty. Please note, the tiller model used in this assembly guide may vary slightly from your unit.

## Step 1: Attaching the Tiller Blades

Place the motor base upside down (ensuring NO fuel is in the tank – Fig. 1a) and place 1 dual blade onto the axle and align the pin holes (Fig. 1b).



Figure 1a



Figure 1b

## Step 2

Place a single blade with the spacer facing in (Fig. 2a) and align the pin holes (Fig. 2b).



Figure 2a



Figure 2b

### Step 3

Insert blade pins then split pin and bend legs (Fig. 3).

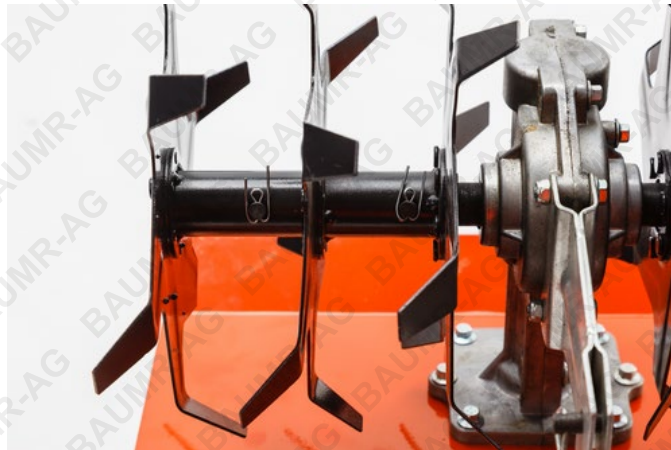


Figure 3

### Step 4

Do the same for the other side (Fig. 4).



Figure 4

### Step 5: Attaching the Wheels

Slide wheel axel into the tail of the motor base (Fig. 5a and 5b). Insert pin and locking wire (Fig. 5c and 5d).



Figure 5a



Figure 5b



Figure 5c



Figure 5d

## Step 6: Attaching the Handles

Turn motor base so it is standing upright on the wheels and tiller blades (Fig. 6a). Attach handle frame (Fig. 6b) with screws and tri wing nuts. Ensure that the concaved head is on the inside (Fig. 6c) and the tri wing nuts are on the outside (Fig. 6d).



Figure 6a



Figure 6b



Figure 6c



Figure 6d

**Step 7:**

Attach upper handles in the same manner as Step 6 (Fig. 7).



Figure 7

**Step 8**

Tie down throttle cable with provided cable ties (Fig. 8a, 8b & 8c). Ensure that it is not too tight. If it is too tight, this may result in the throttle cable getting caught and will affect the operation of the engine. If this does happen, please cut cable tie and replace with a newly purchased cable ties.

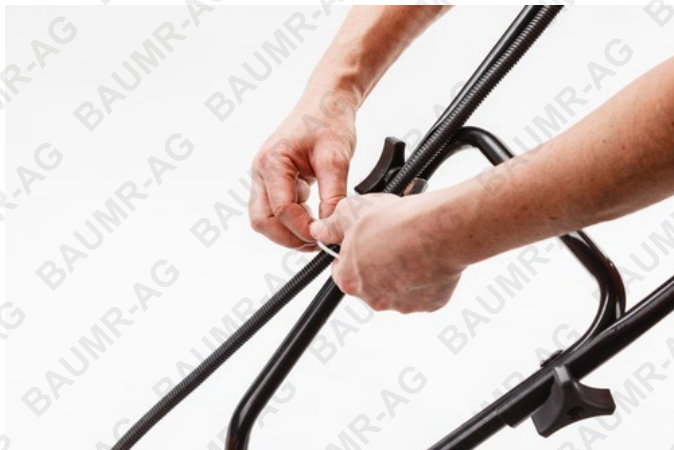


Figure 8a



Figure 8b



Figure 8c

## Step 9

This is now complete (Fig. 9). Please refer to our quick start guide.



Figure 9

# Quick Start Guide

**Step 1:** Ensure enough petrol/oil mixture is in the tank.

Always use 25:1 ratio (This equates to 40mL of 2 stroke oil to 1L of petrol).

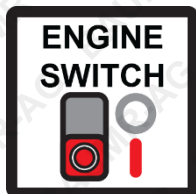
*Please note the air filter needs to be oiled prior to use in order to trap dust and dirt before it reaches the motor.*



**Step 2:** Press primer bulb 2-3 times (Fuel should flow through clear tube).



**Step 3:** Push ON/OFF switch to ON position.



**Step 4:** Turn choke to "COLD."



**Step 5:** Pull starter cord 3-4 times or until engine starts.



**Step 6:** Turn choke to "RUN."



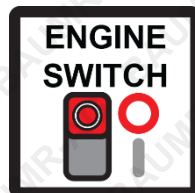
**Step 7:** If engine stalled, pull starter cord again until it starts.



**Step 8:** Squeeze throttle according to desired need.



**Step 9:** When finished, turn ON/OFF switch to OFF.



**Click to Watch:**  
[Starting a 2-Stroke](#)

## Maintenance

### Air Filter

Every eight hours, remove the cover and the filter. The filter should be washed and dried before refitting it. Remove cover to get access to the air filter:



---

**PLEASE NOTE:** The air filter needs to be oiled prior to use in order to trap dust and dirt before it reaches the motor.

---

### Spark Plug

Clean the spark plug and check the electrode gap periodically. Below are dimensions if it needs replacing.





This product comes with a **Torch** branded spark plug, model L7T. Please see below for cross referenced spark plugs:

- **NGK**; BM6A, BPM7A
- **CHAMPION**; CJ6Y, CJ7Y, CJ8
- **DENSO**; W20M-U
- **BOSCH**; WS5F, WS7F, WS8F

## Reduction Gearbox

Every 100 working hours, change the grease in the reduction gearbox.



**WARNING!** Maintenance procedures that are not reported in this manual must only be carried out by an authorised service personnel. Only use original spare parts.

## Specifications

|                                                       |                                               |
|-------------------------------------------------------|-----------------------------------------------|
| <b>Tiller Scope<br/>(total width of tiller teeth)</b> | 400mm                                         |
| <b>Maximum Depth</b>                                  | 105mm                                         |
| <b>Engine Type</b>                                    | Petrol - Two Stroke Commercial                |
| <b>Displacement</b>                                   | 75cc                                          |
| <b>Power</b>                                          | 4.5HP                                         |
| <b>RPM</b>                                            | 7,000 RPM                                     |
| <b>Fuel Type</b>                                      | Regular Unleaded 95 +RON                      |
| <b>Fuel-Oil Ratio</b>                                 | 25:1 (25 parts fuel to 1 part two stroke oil) |
| <b>Fuel Volume</b>                                    | 1.1L                                          |
| <b>Tine Diameter</b>                                  | 235mm                                         |



**Some experts believe that the incorrect or prolonged use of almost any product may cause serious injury or death. To help reduce your risk of serious injury or death, refer to the information below. For more information, see [www.datastreamserver.com/safety](http://www.datastreamserver.com/safety)**

- Consult all documentation, packaging and product labelling before use. Note that some products feature documentation available online. It is recommended to print and retain the documentation.
- Before each use, check the product for loose/broken/damaged/missing parts, wear or leaks (if applicable). Never use a product with loose/broken/damaged/missing parts, wear or leaks.
- Products must be inspected and serviced (if applicable) by a qualified technician every 6 months. This is based on average residential use by persons of average size and strength, and on a property of average metropolitan size. Use beyond these recommendations may require more frequent inspections/servicing.
- Ensure that all users of the product have completed a suitable industry recognised training course before being allowed access to the product.
- The product has been supplied by a general merchandise retailer that may not be familiar with your specific application or description of application. Be sure to attain third-party approval from a qualified specialist for your application before use, regardless of any assurances from the retailer or its representatives.
- This product is not intended for use where fail-safe operation is required. As with any product (for example, automobile, computer, toaster), there is the possibility of technical issues that may require the repair or replacement of parts, or the product itself. If the possibility of such failure and the associated time it may take to rectify could in any way inconvenience the user, business or employee, or financially affect the user, business or employee, then the product is not suitable for your requirements. This product is not intended for use where incorrect operation or a failure of any kind, including but not limited to, a condition requiring product return, replacement, parts replacement or service by a technician may cause financial loss, loss of employee time or an inconvenience requiring compensation.
- If this product has been purchased in error when considering the information presented here, contact the retailer directly for details of their returns policy, if required.

**Bäumer-AG®**  
.com.au