

32.6cc GASOLINE POLE SAW



⚠ WARNING

This product can expose you to chemicals including LEAD/CADMIUM/DEHP, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

*Actual product may vary slightly

Please carefully read and save these instructions before appempting to assemble, maintain, install, or operate this product. Observe all safety information to protect yourself and others. Failure to observe the instructions may result in property damage and/or personal injury. Please keep instructions for future reference.

For warranty purchases, please keep your dated proof of purchase. File or attach to the manual for safe keeping.

IMPORTANT SAFETY INSTRUCTIONS

PLEASE SAVE THIS OWNERS MANUAL AND READ BEFORE EACH USE.

This manual will explain how to use the solar panel kit safely and effectively. Please read and follow these instructions and precautions carefully.

CALIFORNIA PROPOSITION 65 WARNING:

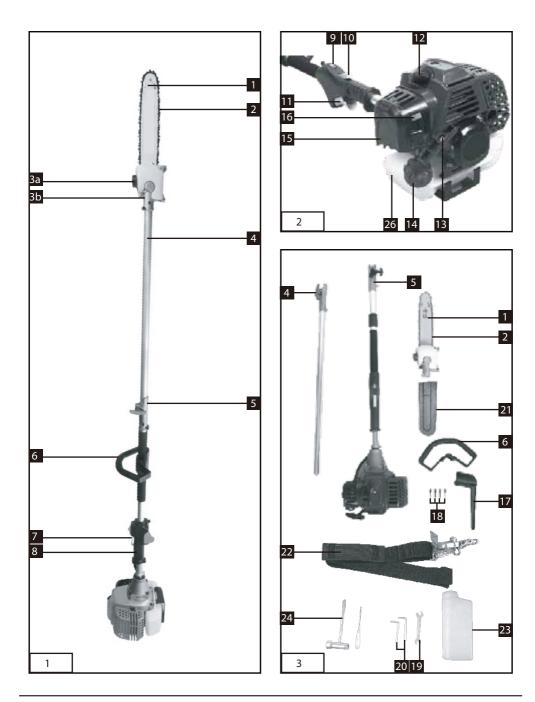
You can create dust when you cut, sand, drill or grind materials such as wood, paint, metal, concrete, cement, or other masonry. This dust often contains chemicals known to cause cancer, birth defects, or other reproductive harm. Wear protective gear.

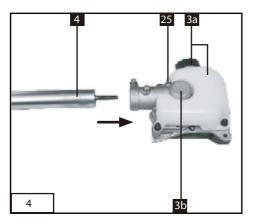
WARNING:

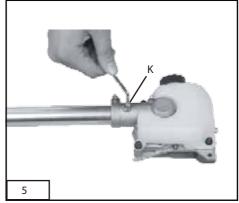
This product or its power cord may contain chemicals, including lead, known to the State of California to cause cancer and birth defects or other reproductive harm. Wash hands after handling.

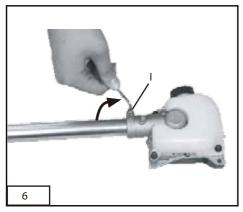
IMPORTANT!

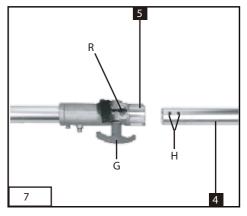
When using equipment, a few safety precautions must be observed to avoid injuries and damage. Please read the complete operating manual with due care. Keep this manual in a safe place, so that the information is available at all times. If you give the equipment to any other person, give them these operating instructions as well. We accept no liability for damage or accidents which arise due to non-observance of these instructions and the safety information herein.

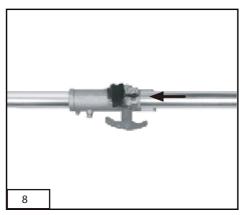


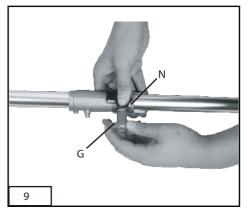


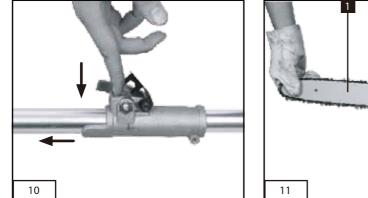


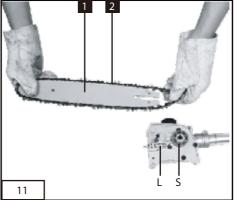


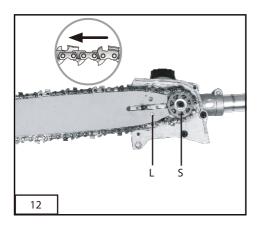


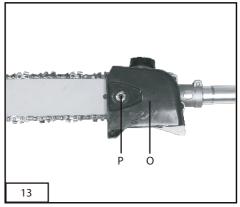


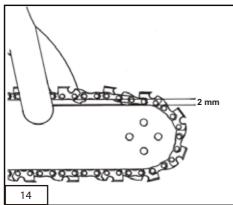


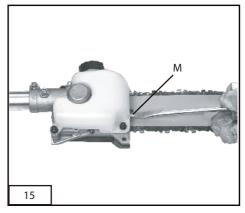


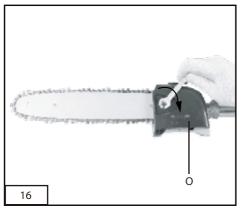


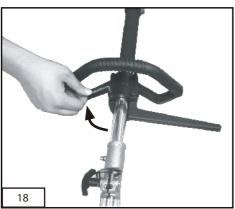


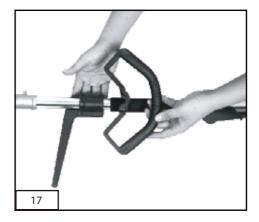


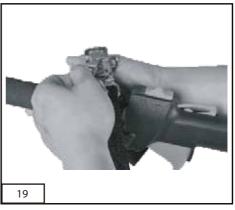


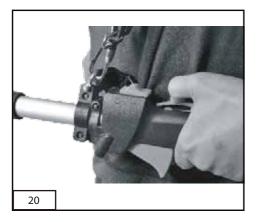


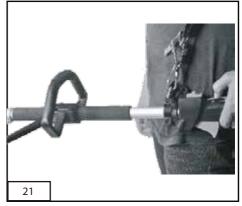


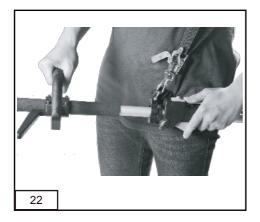


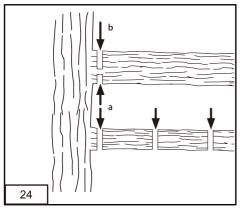


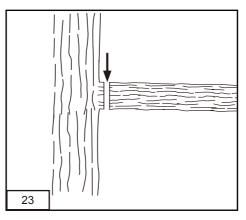


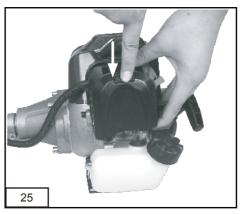


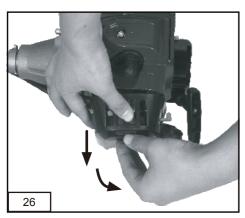


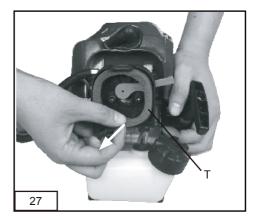


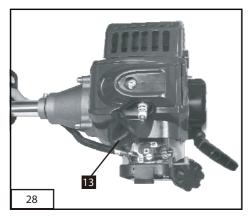


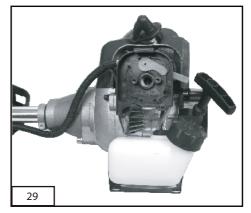
















When using the equipment, a few safety precautions must be observed to avoid injuries and damage. Please read the complete operating instructions and safety regulations with due care. Keep this manual in a safe place, so that the information is available at all times. If you give the equipment to any other person, hand over these operating instructions and safety regulations as well. We cannot accept any liability for damage or accidents which arise due to a failure to follow these instructions and the safety instructions.

1. Safety information

For the relevant safety information please refer to the booklet included in delivery.



Read all the safety information and instructions.

Any errors made in following the safety information and the instructions set out below may result in an electric shock, fire and/or serious injury. **Keep all safety information and instructions in a safe place for future use.**

Explanation of the symbols on the equipment



Warning!



Wear protective headgear, goggles and ear muffs.



Wear safety gloves.



Watch out for falling and catapulting parts.



Read the directions for use before operating the equipment.



Wear sturdy, non-slip footwear.



Protect the equipment from rain and damp.



Always switch off the equipment and pull out the spark boot plug before carrying out any maintenance work.



Electric shock can cause fatal injury. Keep a distance of at least 10 m from power cables.



Direction of the chain movement and teeth.



Caution: Hot equipment parts. Keep your distance.



Sound power level guaranteed

2. Layout and items supplied

2.1 Layout

1. Cutter bar 2. Saw chain 3a. Oil tank / cap 3b. Gear unit 4. Drive rod mechanism 5. Connecting piece 6. Additional handle 7. Evelet 8. Handle 9. On/Off switch 10. Throttle lock 11. Throttle lever 12. Spark plug boot 13. Starter cable 14. Petrol tank / cap 15. Air filter housing cover 16. Choke lever 17. Clip 18. Screw (4x) 19. Open-ended wrench size 8/10 20. Allen kev 21. Cutter guard 22. Carrying strap 23. Oil/petrol mixing bottle 24. Multifunction tool 25. Lubrication nipple 26. Fuel pump "primer"

2.2 Items supplied

• Open the packaging and take out the equipment with care.

Remove the packaging material and any packaging and/or transportation braces (if available).
Check to see if all items are present.
Inspect the equipment and accessories for

transport damage.If possible, keep the packaging until the end of the guarantee period.

Important!

The equipment and packaging material are not toys. Do not let children play with plastic bags, foils or small parts. There is a danger of swallowing or suffocating!

- Original operating instructions
- Safety information

3. Intended use

The pole-mounted petrol-powered pruner is designed for lopping off tree branches. It is not suitable for extensive sawing work, felling trees or sawing any materials other than wood. The equipment may be used only for its intended purpose. Any other use is deemed to be a case of misuse.

The user/operator and not the manufacturer will be liable for any damage or injuries of any kind which result from such misuse.

Please note that our equipment has not been designed for use in commercial, trade or industrial applications. Our warranty will be voided if the equipment is used in commercial, trade or industrial businesses or for equivalent purposes.

4. Technical data

| Engine type: | 2-stroke engine, |
|-----------------------|-----------------------------|
| | air-cooled, chrome cylinder |
| Engine power (max.): | 0.85 kW/ 1.14 HP |
| Displacement: | 32.6cc |
| Engine idle speed: | 3400 RPM |
| Max. engine speed: | 9500 RPM |
| Max. cutting length: | 245 mm |
| Weight with cutter ba | ar and chain: 7.6 kg |
| Chain: | 10", 3/8", 0.050" |
| Cutter bar: | 10", 3/8", 0.050" |
| Ignition: | Electronic |
| Drive: | Centrifugal clutch |
| Tank capacity: | 825 ml |
| Spark plug: | L7T |

Sound and vibration

| L _{pA} sound pressure level: | 93,9 dB(A) |
|---------------------------------------|-------------|
| K _{pA} uncertainty: | 2,5 dB |
| L _{wa} sound power level: | 108,2 dB(A) |
| K _{wa} uncertainty: | 2,5 dB |

Wear ear-muffs.

The impact of noise can cause damage to hearing.

In operation

Vibration emission value $a_h = 6,888 \text{ m/s}^2$ K uncertainty = 1,5 m/s²

Reduce noise generation and vibration to a minimum!

- Use only equipment that is in perfect condition.
- Maintain and clean the equipment regularly.
- Adopt your way of working to the equipment. Do not overload the equipment.
- Have the equipment checked if necessary.
- Switch off the equipment when not in use.
- Wear gloves.

5. Assembly

Important!

Do not start the chainsaw until it has been fully assembled and the chain tension has been adjusted.

Always wear protective gloves when working on the chainsaw to protect yourself against injury.

5.1 Joining the gear unit to the drive rod mechanism (Fig. 4-6)

Tools required: Allen keys size 4mm/5mm (supplied) Push the gear unit (Item 3b) and the drive rod mechanism (Item 4) into each other. Center both by turning the screw (Item K). Important! Make sure that the screw (Item K) is turned exactly into the guide hole (Item F). Otherwise there is a risk of the upper part of the rod mechanism being damaged. To join the two subassemblies securely together, tighten the screw (Item I). To take apart, proceed in reverse order.

5.2 Joining the drive rod mechanism to the connecting piece (Fig. 7-10)

Open the handle screw (Item G) and push the drive rod mechanism (Item 4) into the connecting piece (Item 5). Make sure that the centering lever (Item R) latches in the guide hole (Item H). Close

the guard cap (Item N) and tighten the handle screw. To take apart, undo the handle screw and open the guard cap. Press the centering lever and simultaneously pull the drive rod mechanism out of the connecting piece.

5.3 Fitting the cutter bar and the chain (Fig. 11-16)

Tools required: Allen key size 5mm Remove the chain wheel cover (Fig.13/ Item O) by undoing the fastening screw (Item P). Lay the chain (Item 2) as shown into the groove which runs around the cutter bar (Item 1). Note the alignment of the chain teeth (Fig. 12). Insert the cutter bar as shown in Fig. 12 into the mount at the gear unit. Place the chain round the chain wheel (Item S). Make sure that the teeth of the chain engage securely in the chain wheel. The cutter bar must be hooked into the chain tensioning bolt (Item L).

Fit the chain wheel cover.

Important! Do not fully tighten the fastening screw until after you have adjusted the chain tension (see section 5.4).

5.4 Tensioning the chain (Fig. 14-16)

Important! Always pull out the spark boot plug before performing any checks or adjustments. Undo the fastening screw (Item P) of the chain wheel cover by a few turns (Fig. 13). Adjust the chain tension with the chain tensioning screw (Fig. 15/Item M). Turning the screw clockwise increases the chain tension, turning it counterclockwise decreases the chain tension. The chain is correctly tensioned if it can be raised by around 2 mm in the middle of the cutter bar (Fig. 14).

Tighten the fixing screw of the chain wheel cover (Fig. 16).

Important! All the chain links must lie properly in the guide groove of the cutter bar.

Notes on tensioning the chain:

The chain must be properly tensioned to ensure safe operation. When the saw chain can be raised by around 2 mm in the middle of the cutter bar, you know that the chain tension is ideal. During cutting, the temperature of the chain rises and its length changes. It is important therefore to check the chain tension at least every 10 minutes and to adjust it again as required. This applies in particular to new saw chains. When you have finished working, slacken the chain again as it will shorten when it cools down. This will help to prevent damage to the chain.

5.5 Fitting the additional handle

Fit the additional handle as shown in Fig. 17-18.

6. Before starting

Each time before use, check the following:

- That there are no leaks in the fuel system.
- That the equipment is in perfect condition and that the safety devices and cutting devices are complete.
- That all screws are securely fastened.
- That all moving parts move smoothly.

6.1 Fuel and oil

Recommended fuels

Use only a mixture of unleaded petrol and special 2-stroke engine oil. Mix the fuel mixture as indicated in the fuel mixing table. Important: Do not use a fuel mixture which has been stored for longer than 90 days. Important: Never use 2-stroke oil with a recommended mixing ratio of 100:1. The manufacturer's warranty will be voided in case of engine damage due to inadequate lubrication. Important: Only use containers designed and approved for the purpose to transport and store fuel. Pour the correct quantities of petrol and 2-stroke

oil into the mixing bottle (see scale printed on the bottle). Then shake the bottle well.

6.2 Fuel mixing table

Mixing procedure: 40 parts petrol to 1 part oil

| Petrol | 2-stroke oil | | | | |
|----------|--------------|--|--|--|--|
| 1 liter | 25 ml | | | | |
| 5 liters | 125 ml | | | | |

6.3 Chain lubrication

Important! Never operate the chain if it is not lubricated with saw chain oil. Use of the chainsaw without saw chain oil or if the oil level is below the "min" mark will damage the chainsaw.

Important! Be aware of the temperature conditions:

Different lubricants with completely different viscosities are required at different ambient temperatures.

At lower temperatures you will need low viscosity oils in order to achieve a sufficient lubricating film. However, if the same low viscosity oil is used during the summer it will become even thinner due to the ambient temperatures alone, and as a result the lubricating film could break down, causing the chain to overheat and become damaged. In addition, the chain oil would burn and produce unnecessary pollutants.

Filling the oil tank (Fig. 1):

Place the chainsaw on a flat surface. Clean the area around the oil tank cap (Fig. 3a) and then clean the oil tank cap.

Fill the tank (Item 3a) with saw chain oil. In the process, make sure that no dirt enters the tank, as this could cause the oil nozzle to become blocked. Close the oil tank cap.

7. Operation

Please note that the statutory regulations governing noise abatement may differ from one location to another.

7.1 Starting with a cold engine

Fill the tank with the required amount of oil/ petrol mix. See "Fuel and oil".

1. Set the equipment down on a hard, level surface.

- 2. Press the fuel pump (primer) (Fig. 2/Item 26) 10 times.
- 3. Move the On/Off switch (Fig. 2/Item 9) to "I".
- 4. Set the choke lever (Fig. 2/Item 16) to "OFF".
- 5. Hold the equipment firmly and pull out the

starter cable (Fig. 2/Item 13) until you feel it begin to resist. Then tug sharply on the starter cable 4 times. The equipment should start. Important: Never allow the starter cable to snap back. This may result in damage. Once the engine has started, move the choke lever immediately to "ON" and allow the equipment to warm up for approx. 10 seconds. Important: Since the throttle lever is secured, the cutting tool starts to operate when the engine is started.

Then release the throttle lever by actuating it once.

6. If the engine does not start up, repeat steps 4-6 above.

Please note: If the engine does not start up even after several attempts, read the section "Engine troubleshooting".

Please note: Always pull the starter cord out in a straight line. If it is pulled out at an angle, then friction will occur on the eyelet. As a result of this friction, the cable will become frayed and will wear away faster. Always hold the starter handle when the cable retracts.

Never allow the cable to snap back when it has been pulled out.

7.2 Starting with a warm engine

(The equipment has been idle for less than 15-20min.) 1. Set the equipment down on a hard, level surface.

2. Switch the On/off switch to "I".

Secure the throttle lever (in the same way as described in "Starting with a cold engine").
 Hold the equipment firmly and pull out the starter cable until you feel it start to resist. Then tug sharply on the starter cable. The equipment should start after 1-2 tugs. If the equipment does not start after 6 pulls, repeat steps 1 - 7 of the procedure for starting the engine from cold.

7.3 Long time unused machine restart

Unused machine be in storage for longer than 90days, the ignition coil be not damaged, it's only carburetor issue. Please follow these Instructions to restart the machine.

7.3.1 Check either the fuel pipe aging or cracking, if any, easy to buy new one for replacement at local store.

7.3.2. Check either the fuel pipe joint of

carburetor loosening or aging, if any, cut the pipe joint a little bit to rejoin as well. 7.3.3. Please pull the starting rope 5-8 times before fuel refilling to the carburetor is in an operating state.

7.3.4. Refilling the fuel and then restart the machine according to the cold start mode.

7.4 Emergency Stop procedure:

If it becomes necessary to stop the equipment immediately, set the On/Off switch to "Stop" or "0". **Normal procedure:**

Let go of the throttle lever and wait until the engine has changed to idling speed. Then set the On/Off switch to "Stop" or "0".

7.5 Fitting the shoulder strap

Important! Always use the shoulder strap when Working with the equipment. Switch off the equipment before you take off the shoulder strap (risk of injury).

 Slip the shoulder strap over your shoulder.
 Adjust the length of the shoulder strap so that the strap attachment is at waist level.

7.6 Work practice

Practice all the work steps with the engine switched off before you start to use the equipment.

8. Working with the chainsaw

Preparations

To ensure that you can work safely, check the following points before every use:

Condition of the chainsaw

Before you start your work, inspect the chainsaw for damage to the housing, the chain and the cutter bar. Never use a chainsaw which is obviously damaged.

Oil container

Level of oil in the oil container: Both before and during your work make sure that there is always sufficient oil in the system. To avoid damaging the chainsaw, never run the saw if there is no oil in the system or if the oil drops below the "min" mark.

On average, a single filling will last around 10 minutes depending on the number of pauses in cutting and the loads involved.

Chain

Tension of the chain, condition of the cutting

elements: The sharper the chain, the easier and more controllable it is to operate the chainsaw. The same also applies to the chain tension. For greater safety you must check the chain tension before your work and at least every 10 minutes during your work. New chains in particular tend to expand more.

Safety clothing

Always wear appropriate tight-fitting safety clothing such as special trousers which protect against cuts, protective gloves and safety shoes.

Hearing protection and protective goggles

Wear a protective helmet with integral face and hearing protection. This will offer protection against falling branches and recoiling branches.

Safe working

Never stand under the branch you want to saw. Use special caution when working with branches under tension and splintering wood.

Possible risk of injury caused by falling branches and catapulting pieces of wood.

When the equipment is in operation, keep other persons and animals away from the danger zone. The equipment is not protected from electric shock through contact with high-voltage cables. Keep a minimum distance of 10 m from live cables. Electric shock can cause fatal injury. When working on slopes always stand to the upper or left or right side of the branch you want to cut.

Hold the equipment as close as possible to your body. This will help you to keep your balance.

Cutting techniques

Start with the bottom branches on the tree. This will make it easier for the cut branches to drop. After completing a cut, the weight of the saw will abruptly increase for the operator as the saw is no longer supported by the branch. This can result in you losing control over the saw. Remove the saw from the cut only with the saw chain still running. This will prevent the saw from getting jammed. Never cut into the bulging branch collar. This will prevent the tree from healing.

Sawing off smaller branches (Fig. 23):

Place the contact surface of the saw onto the branch. This will prevent the saw from making jerky movements when you begin a cut. Exerting slight pressure, guide the saw from the top to the bottom through the branch.

Sawing off large and long branches (Fig. 24):

Carry out a relief cut when working on large branches.

Start by sawing through 1/3 of the branch diameter (a) from the top to the bottom with the top side of the cutter bar. Then saw towards the first cut (b) from the top to the bottom with the bottom side of the cutter bar.

Saw off long branches in several steps to keep control over the impact location.

Kick-back

The term "kickback" describes what happens when the running chainsaw suddenly kicks upward and backward. Usually this is caused by contact between the tip of the cutter bar and the workpiece or by the saw chain becoming trapped.

In the event of kickback, large forces occur suddenly and violently. As a result, the chainsaw usually reacts uncontrollably. This can often result in very serious injuries to the worker or persons in the vicinity. The risk of kickback is at its greatest when the saw is positioned for a cut in the region of the tip of the cutter bar, as the leverage effect is greatest there. It is therefore safest to position the saw as flat as possible.

Important!

• Make sure that the chain tension is always correctly adjusted.

• Only use a chainsaw if it is in perfect working order.

• Only work with a saw chain that has been properly sharpened in accordance with the

Never cut with the tip of the saw.

instructions.

• Never cut with the upper edge or the tip of the cutter bar.

• Always hold the chainsaw firmly with both hands.

Cutting wood which is under tension Special care is required when cutting wood which is under tension. Cutting wood which is under tension can release the tension, causing the wood to react out of control. In the worst case this can result in severe and even fatal injuries. This type of work must be performed only by specially trained persons.

9. Maintenance

9.1 Replacing the chain and cutter bar

The cutter bar needs to be replaced if • the guide groove of the cutter bar is worn.

Proceed as described in the section "Fitting the cutter bar and the chain".

9.2 Checking the automatic chain lubrication

You should check the operation of the automatic chain lubrication system on a regular basis in order to guard against overheating and the damage this can cause to the cutter bar and the chain.

Point the tip of the cutter bar at a smooth surface (a board or a cut tree face) and allow the chainsaw to run. If you see a growing oil stain on the smooth surface, the automatic chain lubrication system is working properly. If there is no clear oil stain, please refer to the corresponding instructions in the section "Troubleshooting". If the information contained there still fails to remedy the situation, please contact our service department or another similarly qualified workshop. Important! Do not actually touch the surface with the tip of the cutter bar when performing this test.

Keep a safe distance (approx. 20 cm).

9.3 Sharpening the chain

Working effectively with the chainsaw is only possible if the chain is in good condition and

sharp.

This also reduces the risk of kickback.

The chain can be re-sharpened by any dealer. Do not attempt to sharpen the chain yourself unless you have the necessary special tools and experience.

9.4 Maintenance of the air filter (Fig. 25-27)

Soiled air filters reduce the engine power by supplying too little air to the carburetor. Regular checks are therefore essential. The air filter (T) should be checked after every 25 hours of use and cleaned if necessary. If the air contains a lot of dust, the air filter should be checked more frequently.

1. Remove the air filter cover (Fig. 25-26).

2. Remove the air filter (Fig. 27).

3. Clean the air filter by tapping it or blowing it out.

4. Assemble in reverse order.

Important: Never clean the air filter with petrol or inflammable solvents.

9.5 Maintenance of the spark plug (Fig. 27)

Spark plug sparking gap = 0.6mm. Tighten the spark plug with a torque of 12 to 15 Nm. Check the spark plug for dirt and grime after 10 hours of operation and if necessary clean it with a copper wire brush. Thereafter service the spark plug after every 50 hours of operation.

1. Pull out the spark boot plug (Fig. 28).

2. Remove the spark plug (Fig. 28) with the supplied

multifunction tool (Item 24).

3. Assemble in reverse order.

9.6 Applying grease to the gear unit

After every 20 hours of use add a little gear grease (approx. 10 g.) at the lubrication nipple (Fig. 4/Item 25).

10. Cleaning, storage, transport

10.1 Cleaning

• Regularly clean the tensioning mechanism by blowing it out with compressed air or cleaning it with a brush. Do not use any tools for cleaning.

• Keep the handles free of oil so that you can maintain a firm grip.

• Clean the equipment as required with a damp cloth and, if necessary, mild washing up liquid.

• If you are not going to use the chainsaw for an extended period of time, remove the chain oil from the tank. Briefly immerse the saw chain and the cutter bar into an oil bath and then wrap them in oil paper.

Important!

Always pull out the spark boot plug each time before carrying out any cleaning. Never immerse the equipment in water or other liquids in order to clean it.

Store the chainsaw in a safe and dry place out of the reach of children.

10.2 Storage

Important: Never put the equipment into storage for longer than 30 days without carrying out the following steps.

Storing the equipment

If you intend to store the equipment for longer than 30 days, the equipment must be prepared accordingly. Otherwise the fuel still remaining in the carburetor will evaporate and leave a rubbery sediment. This can cause problems when starting up the equipment and may require expensive repairs.

1. Slowly remove the fuel tank cap to release any pressure that may have formed in the tank. Carefully empty the tank.

2. To remove the fuel from the carburetor, start the engine and let it run until the equipment stops.

3. Leave the engine to cool (approx. 5 minutes).

4. Remove the spark plug (see section 9.5).

5. Add one teaspoon of 2-stroke engine oil into the combustion chamber. Slowly pull the starter cord several times to apply a layer of oil to all internal components. Fit the spark plug again. **Note:** Store the equipment in a dry place and far away from possible ignition sources such as an oven, a gas-fired hot water boiler, a gas-fired dryer, etc.

Putting the equipment back into operation 1. Remove the spark plug (see section 9.5). 2. Quickly tug on the starter cord to remove excess oil from the combustion chamber. 3. Clean the spark plug and check that the electrode gap is correct, or insert a new spark plug with the correct electrode gap. 4. Prepare the equipment for operation.

5. Fill the tank with the relevant mixture of fuel and oil. See the section "Fuel and oil".

10.3 Transport

To transport the machine, empty the petrol tank as described in section 10. Clean coarse dirt off the equipment with a brush or hand brush. Dismantle the drive rod mechanism as described in section 5.2.

11. Disposal and recycling

The equipment is supplied in packaging to prevent it from being damaged in transit. The raw materials in this packaging can be reused or recycled. The equipment and its accessories are made of various types of material, such as metal and plastic. Defective components must be disposed of as special waste. Ask your dealer or your local council.

12. Troubleshooting guide

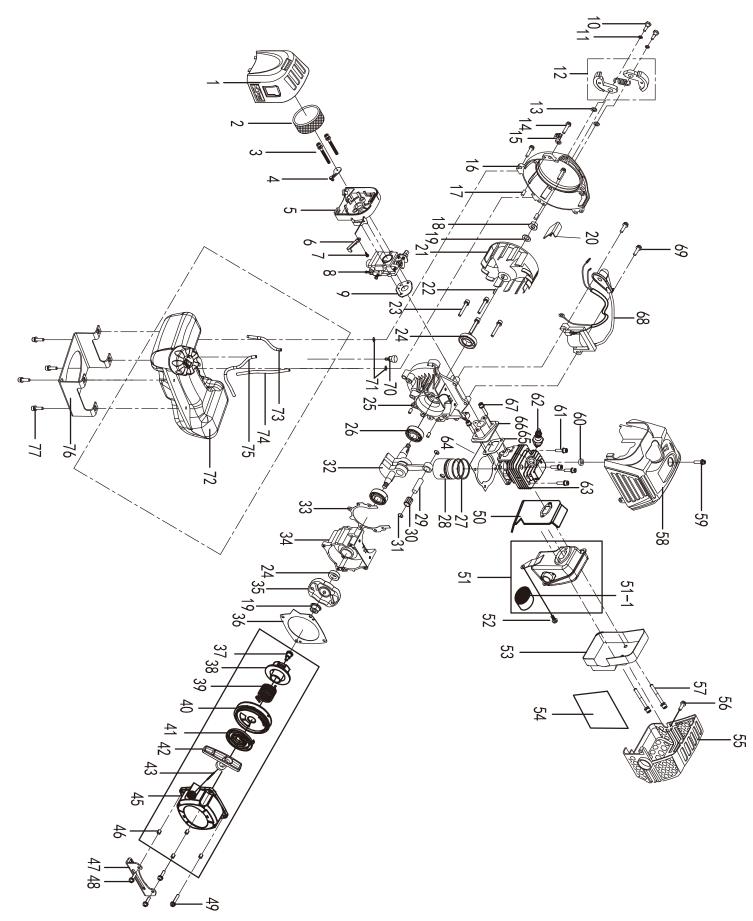
The table below contains a list of fault symptoms and explains what you can do to remedy the problem if your equipment fails to work properly. If the problem still persists after working through the list, please contact your nearest service workshop.

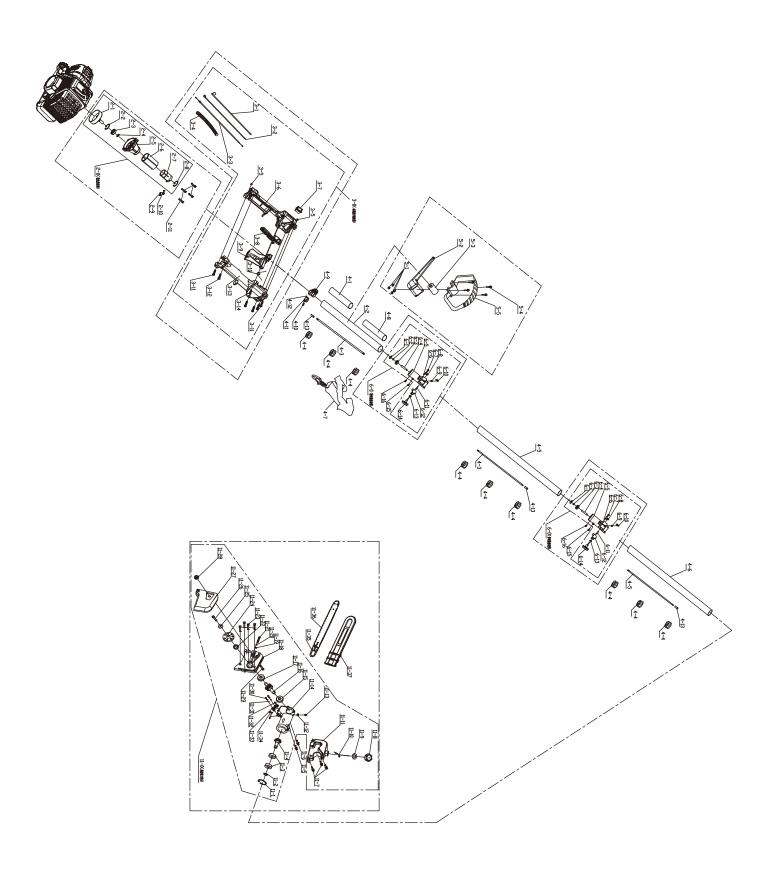
| Fault | Possible cause | Remedy | | | |
|----------------------|---------------------------------------|---|--|--|--|
| The equipment | - Correct starting procedure not | - Follow the instructions for starting | | | |
| does not start | followed | - Clean the spark plug or replace it | | | |
| | - Sooted or damp spark plug | with a new one | | | |
| | - Incorrect carburetor setting | - Contact an authorized customer | | | |
| | | service. | | | |
| The equipment | - Incorrect choke lever setting | - Set the choke lever to "ON". | | | |
| starts but does | - Soiled air filter | - Clean the air filter | | | |
| not develop its full | - Incorrect carburetor setting | - Contact an authorized customer | | | |
| power | | service. | | | |
| The engine does | - Incorrect electrode gap on the | - Clean the spark plug and adjust the | | | |
| not run smoothly | spark plug | electrode gap, or fit a new spark | | | |
| | - Incorrect carburetor setting | plug | | | |
| | | - Contact an authorized customer | | | |
| | | service. | | | |
| Engine smokes | - Incorrect fuel mix | - Use the correct fuel mix (see fuel | | | |
| excessively | - Incorrect carburetor setting | mixing table) | | | |
| | | - Contact an authorized customer | | | |
| | | service. | | | |
| Saw chain is dry | - No oil in the tank | - Top up with oil | | | |
| | - Vent in the oil tank cap is blocked | - Clean the oil tank cap | | | |
| | - Oil outlet blocked | - Clear the oil outlet | | | |
| Chain/guide bar | - No oil in the tank | - Top up with oil | | | |
| is hot | - Vent in the oil tank cap is blocked | - Clean the oil tank cap | | | |
| | - Oil outlet is blocked | - Clear the oil outlet | | | |
| | - Chain is blunt | - Re-sharpen or replace the chain | | | |
| | - Chain is overtensioned | - Check the chain tension | | | |
| Chainsaw judders, | - Chain is undertensioned | - Adjust the chain tension | | | |
| vibrates or does not | - Chain is blunt | - Re-sharpen or replace the chain | | | |
| saw properly | - Chain is worn | - Replace the chain | | | |
| | - Saw teeth point in the wrong | - Refit the chain with the teeth facing | | | |
| | direction | in the correct direction | | | |

Parts List

32.6cc Gasoline Pole Saw

Model: 53542





| Description Data or 1 Control | Part No. | Description | Quantitu | Part No. | Description | Oursetitu | Part No. | Description | Quantity | |
|---|--|--------------------------------|---------------|----------|---|-----------------|--------------|--|---------------|---|
| 2Demogram111 </td <td></td> <td></td> <td>Quantity 1</td> <td></td> <td></td> <td>Quantity 1</td> <td></td> <td></td> <td>Quantity 1</td> | | | Quantity 1 | | | Quantity 1 | | | Quantity 1 | |
| 3 me. source VOYDE 2 40 Applie 11 54 me. source VOYDE 4 violation date fulfille 1 64 Ph. source VOYDE 1 64 Ph. source VOYDE 7 violation date fulfille 1 00 Ph. source VOYDE 1 64 1 64 Ph. source VOYDE 1 64 1 64 1 64 Ph. source VOYDE 1 7 Markar source VOYDE 1 64 Ph. source VOYDE 1 64 Ph. source VOYDE 1 64 Ph. source VOYDE 1 1 1 1 64 | | | | | | | | | | |
| | | | | | | | | | 1 | |
| B B C <thc< th=""> <thc< th=""> <thc< th=""> <thc< th=""></thc<></thc<></thc<></thc<> | 3 | hex. screw M5*55 | 2 | 62 | spark plug | 1 | 5-4 | hex.screw M5*30 | 4 | |
| 5 Div loc box 1 64 Box Constraints 1 64 Div Loc box Div Loc box <thdiv div="" div<<="" th=""> <thdiv d<="" div="" td=""><td>4</td><td>ventilation door baffle</td><td>1</td><td>63</td><td>cylinder</td><td>1</td><td>5-5</td><td></td><td>1</td></thdiv></thdiv> | 4 | ventilation door baffle | 1 | 63 | cylinder | 1 | 5-5 | | 1 | |
| 7 7 7000 construer 1 6 0 0.111 bits 0 0 0.111 bits 0 | 5 | filter body | 1 | 64 | cylinder gasket | 1 | 6-0 | 3,6-4,6-5,6-6,6-7,6-8,6-9,6-10,6-11,6- | 2 | |
| B ormulater 1 Eff mat. enve M5 3 (2) 2 6.0 destroy of the angle of the | 6 | ventilation door trigger | 1 | 65 | air intake tube gasket | 1 | 6-1 | circlip GB/T 893.1 26 | 2 | |
| 0 0.00000000000000000000000000000000000 | 7 | cross components screw ST2.9*8 | 1 | 66 | air intake tube | 1 | 6-2 | circlip GB/T 894.1 9 | 2 | |
| 90 description 92 84 mean MB - 20 92 84. Description of 2000 11 Selfgrouth 2 2.7 Selfgrouth 1 6.4 Selfgrouth 1 6.4 12 Abst search MT 1 7.7 Selfgrouth 1 6.4 Selfgrouth 1 6.4 13 Abst search MT 1 7.4 Selfgrouth 1 6.4 14 Abst search MT 1 7.4 Selfgrouth 1 6.4 15 Selfgrouth 1 7.4 Selfgrouth 1 6.4 15 Selfgrouth 1 7.4 Selfgrouth 1 6.4 Selfgrouth 1 8.4 16 Selfgrouth 1 2.0 Selfgrouth 1 5.4 Selfgrouth 1 5.4 Selfgrouth 1 5.4 Selfgrouth 1 5.4 Selfgrouth 1.5 Selfgrouth Selfgrouth 1.5 Selfgrouth Selfgrouth <td< td=""><td>8</td><td>carburetor</td><td>1</td><td>67</td><td>hex. screw M5 x 20</td><td>2</td><td>6-3</td><td></td><td>2</td></td<> | 8 | carburetor | 1 | 67 | hex. screw M5 x 20 | 2 | 6-3 | | 2 | |
| 11 sping aster 2 70 sping aster 1 6-0 sping aster 1 6-0 sping aster 12 shift aster 1 2 1 2 1 6-0 sping aster 1 6-0 sping aster 1 6-0 sping aster 1 1 1 0 sping aster 1 6-0 sping aster 1 0 sping aster 1 1 0 sping aster | 9 | carburetor gasket | 1 | 68 | ignitor | 1 | 6-4 | shaft connect cover (7 teeth) | 2 | |
| 12. attar assamptive 1 71 ophoder mask head proceedings spacet 22 6-7 second CBT 70. MM x 10 13. Mark assamptive 1 1 6-8 second CBT 70. MM x 10 1 6-8 14. Next Science MS2D 3 73 hard ream trans the 3 × 64.3 × 60.1 1 6-0 carma 15. Mark mask and trans the 3 × 64.3 × 60.1 1 6-10 transpace place 1 6-10 16. Revende accourt 1 77 for Science MS × 20 1 6-11 science MS × 20 1 6-12 transpace place 1 6-12 transplace 1 6-12 | 10 | clutch bolt | 2 | 69 | hex. screw M5 x 20 | 2 | 6-5 | tube connect cover Ø26 | 2 | |
| 11 At summer that that 1.2 2 7.2 Isolation that the the that 2.5 × 4.6 ± 5.0 1 6.00 Isolation that 1.2 14 Ass, some MP220 3 7.3 Isolation that the that 5.5 × 6.6 ± 5.7 × 6.0 ± 7.00 1 6.01 Isolation that 1.2 1 <td>11</td> <td>spring washer</td> <td>2</td> <td>70</td> <td>balancer</td> <td>1</td> <td>6-6</td> <td></td> <td>2</td> | 11 | spring washer | 2 | 70 | balancer | 1 | 6-6 | | 2 | |
| 14 bes. scree MP20 3 71 but start lade 92.8 x4.3 x30 1 6.01 burning 10 zeron backs 1 74 Intrafter Lade 92.8 x10 1 6.01 burning 1 11 Augues 1.ed x.2.00 1 6.11 burning parks 1 6.11 burning parks 1 6.12 burning parks 1 6.11 burning parks 1 6.11 burning parks 1 6.11 burning parks 1 6.11 burning parks 1 | 12 | clutch assembly | 1 | 71 | cylinder mask heat protection gasket | 2 | 6 - 7 | hex.screw GB/T 70.1 M5 x 10 | 2 | |
| 1 Actin Looke 1 74 Instatur Labe 95.3.110 1 6.40 Austin stage plake 10 By Inford conserve 1 6.71 Intelline Stature 1 7<1 | 13 | flat washer ¢8x18x1.2 | 2 | 72 | fuel tank assembly | 1 | 6-8 | hex.nut GB/T 41 M8 | 2 | |
| 10 between cases cover 1 27 between cases cover 1 47 output put subscience 11 in construction 4 70 but stranger 1 6-12 put stranger 1 18 subscience and MA 2 77 max.excee MA 5.0 4 6-13 but construction 1 21 but washer data for an analy (2.1.2.2.3.2.4.) 2 6-14 but construction 1 | 14 | hex. screw M5*20 | 3 | 73 | fuel return tube Φ2.5 x Φ4.5 x 90 | 1 | 6-9 | spring | 2 | |
| 17 or GUT 191.1 feed: 4 76 bart series 1 6-12 Bart series GBR 10 bec. Samp and M0 2 77 bec. Samp and M0 (24.2.2.3.2.4). 2 6 6 1 6.41 bart series GBR 721.0 6 20 ar deflector 1 2.21 duith draft 1 6.41 bart series GBR 721.0 6 | 15 | seton buckle | 1 | 74 | breather tube Φ5 x 3 x 110 | 1 | 6-10 | tooth shape plate | 2 | |
| 10 boxAmpe nut Mill 2 77 Res. Score M5.2 E2 4 6-11 Ear score M5.1 E 10 But water GutLs.1 1 2-0 boxAmpet Act Act Act Act Act Act Act Act Act Ac | 16 | flywheel case cover | 1 | 75 | fuel tube Φ3.1x Φ5.3 x 200 | 1 | 6-11 | round pin ¢6x¢8x20.5 | 2 | |
| Intervaluer for fact 1. 1 2 before the sease assembly ($2.1, 2.2, 3.2, 4.2, 4.2, 7.2, 7.2, 7.2, 7.2, 7.3, 7.4, 7.4, 7.4, 7.4, 7.4, 7.4, 7.4, 7.4$ | 17 | pin GB/T 119.1 5x10 | | | fuel tank rigger | 1 | 6-12 | | 2 | |
| Distribution (MOM) 1 2 <th2< th=""> 2 2</th2<> | 18 | hex.flange nut M8 | 2 | 77 | hex. screw M5 x 20 | 4 | 6-13 | flat washer GB/T 97.1 8 | 2 | |
| 20 of order 1 2-1 dyshed 1 2-2 order GMT 60A1 35 1 6-10 rescover M5 712 21 byshed 1 2-2 order GMT 60A1 35 1 6-10 rescover M5 727 22 semiconcular key 9*13 1 2-3 order GMT 80A1 15 1 7-0 52-73-72.47.74.67.47.67.74.77.14.7 23 hax, arow M530 4 2-4 order GMT 80A1 15 1 7-0 order GMT 80A1 15 1 7-1 order GMT 80A1 727 52-73.72.87.26.79.73.77.61.77.82.7 53.7.41 24 of scall 12/22/17 2 2-5 summinum baccommeding base 1 7-4 ender GMT 87A1 727 600 GMT 87A1 727 <td>19</td> <td>flat washer 8x16x1.5</td> <td>1</td> <td>2-0</td> <td>output base assembly (2-1,2-2,2-3,2-4, 2- 5,2-6,2-7,2-8)</td> <td>1</td> <td>6-14</td> <td>knob</td> <td>2</td> | 19 | flat washer 8x16x1.5 | 1 | 2-0 | output base assembly (2-1,2-2,2-3,2-4, 2- 5,2-6,2-7,2-8) | 1 | 6-14 | knob | 2 | |
| 21 typesal 1 2-2 trdp GBT 803.1 35 1 6-6 backstrew M5-25 22 semioncular key 3*13 1 2-3 semigroups ball beering GBT 276 1 7-0 trdp 7-0, 7-1, 7-2, 7-3, 7-3, 7-1, 7-1, 7-2, 7-3, 7-3, 7-1, 7-1, 7-2, 7-3, 7-3, 7-1, 7-1, 7-1, 7-1, 7-1, 7-1, 7-1, 7-1 | 20 | air deflector | 1 | 2-1 | clutch shell | | 6-15 | hex.screw M5 x 12 | 2 | |
| 22 semicircular kay 3'13 1 2-A description bit balanting GBT 276 60254 1 7-A post as an assembly '7-1, 2-T, 2-T, 2-T, 2-T, 2-T, 2-T, 2-T, 2-T | 21 | flywheel | | 2-2 | circlip GB/T 893.1 35 | | 6-16 | hex.screw M5 x 25 | 2 | |
| 24 of and 12x22x7 2 2 2 aluminum tube connecting base 1 7.2 ordep GET 894,1 10 28 tep case 1 2.6 nubber damping cover 1 7.3 dese proves ball basing GET 270 2 2.7 aluminum tube retaining clip 1 7.4 diving gar 28 dese proves ball basing GET 270 2.2 2.7 aluminum tube retaining clip 1 7.4 diving gar 27 jakon ring 2.1 2.4 diving GET 803,1 45 1 7.4 diving gar 1 7.4 29 paton pin 1.1 2.40 hex.serve M5 x30 1 7.4 diving gar 1 1 30 neede baser MAX12x12 1 2.41 hex.serve M5 x30 4 7.8 ol tank cap retainer 1 31 paton pin pin ping 2 3.51 diving | 22 | semicircular key 3*13 | 1 | 2-3 | | | 7-0 | 3,7-4,7-5,7-6,7-7,7-8,7-9,7-10,7-11,7- 12,7-13,7-14,7-15,7-16,7-17,7-18,7- 19,7-20,7-21,7-22,7-23,7-24, 7-25,7- 26,7-27,7-28,7-29,7-30,7-31,7-32,7- | 1 | |
| 24 ol sami 12x22x7 2 2-8 minimim babe connecting basis 1 7-2 cited 087 894.1 10 25 lop case 1 2-6 nuber damping cover 1 7-3 discip covers bial bearing 0817 276 2 2-7 aluminum tube relating dap 1 7-4 diving overs diving overs 1 7-4 diving overs diving o | 23 | hex. screw M5*30 | 4 | 2-4 | circlip GB/T 894.1 15 | 1 | 7-1 | circlip GB/T 893.1 26 | 1 | |
| bit up case i 2.6 rubber damping over i 7.4 free groove ball bearing GB/T 276 26 deep groove ball bearing GB/T 276 2 2.7 aluminum tube retaining dip 1 7.4 deving gaar 27 jelson ring 2 2.8 ordep GB/T 80.81.45 1 7.4 deving GB/T 20.1 MS x 25 28 jelson ring 1 2.0 beak nerw MS x 20 1 7.4 hexcorw GB/T 70.1 MS x 12 29 paton pin 1 2.01 hex. nerw MS x 30 4 7.40 oltank cap 30 needle baar NA0x12x12 1 2.11 hack nerw MS x30 4 7.40 oltank cap 31 piston pin jum pring 2 3.0 diver with with y 3.1.3.2.3.3.4.3.5.3 1 7.40 oltank cap netainer 32 crankbaft case gasket 1 3.31 accelerator cable 1 7.10 oltank cap netainer 33 acrankbaft case gasket 1 3.53 accelerator cable 1 7.11 o | 24 | oil seal 12x22x7 | 2 | 2-5 | aluminium tube connecting base | | 7-2 | circlip GB/T 894.1 10 | 1 | |
| deep prove ball bearing GBT 278 2 2.7 Auminut ubs retaining dip 1 Tell Double 2 27 piston ring 2 2.8 cicing GBT 683.1 45 1 7.4 divisy gear 28 piston ring 1 2.0 hex. screw M6.2 20 1 7.4 hex.screw GBT 70.1 MS x 12 30 needle bear NA9x12x12 1 2.01 hex. screw M5 x 12 7.4 oftank cap 30 needle bear NA9x12x12 1 2.11 hex. screw M6 x 30 4 7.4 oftank cap 31 piston pin jump ring 2 3.0 horde assembly 3-13.2.3-3.3.4.3-5.3 1 7.4 oftank cap packing wesher 33 crankshaft case gasket 1 3.4 polkon case 1 7.10 oftank cap case ntiling 34 bottom case 1 3.4 belbox 1 7.13 prease fitting 35 start pids camponents 1 3.4 belbox 1 7.14 gene case 36 start ping GBT 270 | 25 | top case | 1 | 2-6 | rubber damping cover | | 7-3 | deep groove ball bearing GB/T 276 | 2 | |
| b201 b201 <thb201< th=""> b201 b201 <thb< td=""><td></td><td></td><td></td><td></td><td></td><td>1</td><td></td><td></td><td>1</td></thb<></thb201<> | | | | | | 1 | | | 1 | |
| 28 piston 1 2-0 hex.screw M6 x 20 1 7-6 hex.screw GBIT 70.1 M5 x 12 29 piston pin 1 2-01 hex.screw M5 x 12 1 7-7 hex.screw GBIT 70.1 M5 x 12 30 neede baar NA9x12x12 1 2-11 hex.screw M6 x 30 4 7-8 olt ank cap 31 piston pin jump ring 2 3-0 hand assers with 3-13-2,5-3-4,3-5,3- 3-7 olt ank cap packing washer 32 crankhaft 1 1 3-11 olt ank 7-10 olt ank 7-10 olt ank 33 crankhaft 1 3-3 accelerator cable 1 7-11 olt ank 7-11 olt ank 34 bettom case 1 3-3 accelerator cable 1 7-12 flat washer 05 x 012x1 1 35 startup discomponents 1 3-3 accelerator cable 1 7-12 dist washer 05 x 012x1 36 startup gaster 1 3-5 numbes cable 1 < | | | | | | 1 | | | | |
| 29 piston pin 1 2-10 hex. screw M5 x 12 1 7-7 hex.screw GB/T 70.1 M5 x 12 30 needle bear NA9x12x12 1 2-11 hex.screw M6 x 30 4 7-8 of tank cap 31 piston pin jump ring 2 3-0 handle assembly 3-1,32,33,34,35,3 1 7-8 of tank cap packing washer 1 32 crankshaft 1 3-1 choke cable 1 7-10 of tank cap retainer 1 33 ccankshaft case gasket 1 3-3 accentrator cable 1 7-11 of tank tark washer 65 x 012x1 1 34 bottom case 1 3-4 bellows 1 7-14 grasse fitting 1 35 startup disk components 1 3-4 bellows 1 7-16 draw washer 65 x 012x1 36 startup disk components 1 3-4 bellows 1 7-16 draw masher 6272 37 acrew M5x0 1 3-40 hrtu M6 <td></td> <td></td> <td></td> <td></td> <td></td> <td>1</td> <td></td> <td></td> <td>1</td> | | | | | | 1 | | | 1 | |
| 30 neede bear NA9x12x12 1 2-11 hex. screw M6 x 30 4 7.4 old tank cap 31 platon pin jump ring 2 3-0 handle assembly $3-1,3-2,3-3,3-4,5-3,5$ 1 7.4 old tank cap packing washer 32 crankshaft 1 3-1 choks cable 1 7.10 oll tank cap retainer 33 crankshaft case gasket 1 3-2 ground wire 1 7.11 oll tank cap retainer 34 bottom case 1 3-3 accelerator cable 1 7.13 flat washer 05 x 012x1 35 starting disk components 1 3-44 bettows 1 7.14 grease fitting gaset 36 starting disk components 1 3-45 hut M6 2 7.74 geragerove ball baaring GBT 276 37 accew M5x0 1 3-46 nut M6 1 7.13 baseboard 7 38 start spring 1 3-46 nut M6 7.17 floreg groove ball baaring GBT 276 G | | | | | | 1 | | | 1 | |
| 31 piston pin jump ring 2 3-0 handle assembly 3-1,3-2,3-3,3-4,3-5,3-4 1 7-9 oil tark cap packing washer 32 crankshaft 1 3-1 chok cable 1 7-9 oil tark cap packing washer 33 crankshaft case gaket 1 3-1 3-4 oil tark cap retainer 1 34 bottom case 1 3-3 accelerator cable 1 7-10 oil tark cap retainer 35 starkp disk components 1 3-4 belows 1 7-13 grease fitting 36 stark grade 1 3-5 nut M5 2 7-14 ger case 1 37 screw M5x9 1 3-6 left handle body 1 7-15 deep groow ball baaring GBT 276 ger 2 38 start spring 1 3-6 left handle body 1 7-17 deep groow ball baaring GBT 276 ger 2 for 2 for 3 ger 2 for 3 ger 2 for 3 ger 2 for 3 for 3 | | | | | | 1 | | | 3 | |
| 1 pattern pin rung 2 3-0 6,3-7. 3-6,3-9,3-10,3-11,3-12,3-13,3-14) 1 7-3 of tame cap packing washer 32 crankshaft 1 3-1 choke cable 1 7-10 of tame cap packing washer 1 33 crankshaft case gasket 1 3-3 accelerator cable 1 7-11 of tamb cap relation 1 36 startup diak components 1 3-34 belows 1 7-13 grease fitting 1 36 starter gasket 1 3-6 left handle body 1 7-14 degre case degre groove ball bearing GB/T 276 37 screw M5x9 1 3-6 left handle body 1 7-17 degre groove ball bearing GB/T 276 38 start wheel 1 3-7 famout switch 1 7-17 degre groove ball bearing GB/T 276 40 reel 1 3-10 anse components screw GB/T 845 ST 1 7-17 beschord 41 statring hande 1 3-11 | 30 | needle bear NA9x12x12 | 1 | 2-11 | hex. screw M6 x 30 | 4 | 7-8 | oil tank cap | 1 | |
| 33crankshaft case gasket13-2ground wire17-11ol tank34bottom case13-3accelerator cable17-12Hat washer $\partial S \times \partial 12x1$ 135startup disk components13-4bellows17-13grease fitting136startup disk components13-4bellows17-14grease acea137screw M5x913-6left handle body17-15deep groove bal bearing GB/T 276238start wheel13-7flameout switch17-16deep groove bal bearing GB/T 276240red13-9trigger tosional spring17-16deep groove bal bearing GB/T 276241start spring13-10trigger tosional spring17-17deep groove bal bearing GB/T 276242starting handle13-11Cross components screw GB/T 845 ST27-20split washer GB/T 846 3.5143rope13-14cross components screw GB/T 845 ST27-20split washer GB/T 846 3.5144easy starter cover13-14cross components screw GB/T 845 ST27-21lensioning bolt45coper clamper $\Phi S \Phi 7 \times 6$ 43-14cross components screw GB/T 845 ST47-21lensioning bolt44easy starter cover13-14cross components screw GB/T 845 ST47-21lens | 31 | piston pin jump ring | 2 | | | 1 | 7-9 | oil tank cap packing washer | 1 | |
| 34 bottom case 1 3-3 accelerator cable 1 7-12 flat washer Ø5 x Ø12x1 35 startup disk components 1 3-4 bellows 1 7-13 grease fitting 36 startup disk components 1 3-5 nut MS 2 7-14 gera case 37 screw M5x9 1 3-6 ligh handle body 1 7-16 de27 0row ball bearing GB/T 276 38 start wheel 1 3-7 flameout switch 1 7-16 de27 0row ball bearing GB/T 276 40 real 1 3-9 rigger 1 7-18 baseboard 1 41 start ool spring 1 3-10 crose components screw GB/T 845 ST 2 7-20 split washer GB/3 86 3.5 43 rope 1 3-11 crose components screw GB/T 845 ST 4 7-21 tensioning bott 44 easy starter cover 1 3-14 crose components screw ST2.5.8 1 7-22 < | 32 | crankshaft | 1 | 3-1 | choke cable | 1 | 7-10 | oil tank cap retainer | 1 | |
| 35startup disk components13-4bellows17-13grease fitting36starter gasket13-5nut M527-14gear case137screw M5x913-6left handle body17-15deep groove ball bearing GB/T 276138start wheel13-7ftameout switch17-16dieep groove ball bearing GB/T 276138start spring13-8control arm17-16dieep groove ball bearing GB/T 276140red13-9trigger17-17deep groove ball bearing GB/T 276141start ool spring13-10trigger tosional spring17-11beasboard142starting handle13-11cross components screw GB/T 845 ST27-20split washer GB/T 896 3.5143rope13-12cross components screw GB/T 845 ST47-21tensioning botk144easy starter cover13-14cross components screw GB/T 845 ST47-22gasket45copper dampe $\Phi 5 + \Phi 7 \times 6$ 43-14cross components screw GB/T 845 ST17-24tensioning botk46luet tank retainer14-1sponge cover 140mm17-24sproket wheel47hex. screw M5x2034-2rear aluminium tube17-25ftat washer $\partial 6 \times \partial 18x1$ 48hex. screw M5x20 | 33 | crankshaft case gasket | 1 | 3-2 | ground wire | 1 | 7-11 | oil tank | 1 | |
| 36 starter gasket 1 3-5 nut M5 2 7-14 gear case 37 screw M5x9 1 3-6 left handle body 1 7-15 deep groove ball bearing GB/T 276 38 start wheel 1 3-7 fameout switch 1 7-16 drep groove ball bearing GB/T 276 39 start spring 1 3-8 control arm 1 7-17 deep groove ball bearing GB/T 276 40 reel 1 3-9 trigger 1 7-17 beasboard 1 42 starting handle 1 3-11 gross components serve GB/T 845 ST 2 7-20 split washer GB/T 896 3.5 43 rope 1 3-13 right handle body 1 7-21 tensioning botk 44 easy starter cover 1 3-13 right handle body 1 7-23 past.erew GB/T 70.1 M5x12 45 copper clamper $\Phi5 \times \Phi7 \times 6$ 4 3-14 cross components serve WSL5x8 1 7-23 past.erew GB/T 70.1 M5 | 34 | bottom case | 1 | 3-3 | accelerator cable | 1 | 7-12 | flat washer Ø5 x Ø12x1 | 1 | |
| 37 Sorew M5x9 1 3-6 Inthandle body 1 7-16 deep groove ball bearing GB/T 276 38 start wheel 1 3-7 flameout switch 1 7-16 driven gear 1 39 start spring 1 3-8 control arm 1 7-17 deep groove ball bearing GB/T 276 60012 40 reel 1 3-9 trigger 1 7-17 deep groove ball bearing GB/T 276 60012 41 start coil spring 1 3-9 trigger control arm 1 7-19 beasboard 1 42 starting handle 1 3-11 gross components screw GB/T 845 ST 2 7-20 split washer GB/T 896 3.5 1 44 easy starter cover 1 3-13 right handle body 1 7-23 spstien CB/T 896 3.5 45 copper clamper 05×07×6 4 3-14 gross components screw GB/T 845 ST 4 7-23 spstien CB/T 70.1 M5x12 46 fuel tak retainer 1 4-1< | | startup disk components | | | bellows | | | grease fitting | 1 | |
| A screw MSx201A but herhandle body1116 dZZ6 dZZ138< | | starter gasket | 1 | | nut M5 | | | | 1 | |
| 39start spring13-8control arm17-17deep groove ball bearing GB/T 276 g001240reel13-9trigger17-18baseboard141start coil spring13-10trigger tosional spring17-19tensioning block142starting handle13-11Gross components screw GB/T 845 ST 3-1027-20split washer GB/T 896 3.5143rope13-12Gross components screw GB/T 845 ST 3-1047-21tensioning bolt144easy starter cover13-13right handle body17-22gasket145copper damper Ф5×Ф7×643-14cross components screw ST2.5x817-23hex.screw GB/T 70.1 M5x12146fuel tank retainer14-1sponge cover 140mm17-26hex.screw GB/T 70.1 M5x12148hex.screw M5x2034-2rear aluminium tube17-26hex.screw GB/T 617.1 M6149nuffler gasket14-4oilness shaft sleeve97-27left board151catalyst14-6front aluminium tube17-30hex.screw GB/T 617.1 M6151catalyst14-6front aluminium tube27-29stud bdt M6 x 30152hex.screw M5x1414-7belt(quick release)17-31spring washer GB/T 93.41 <td>37</td> <td>screw M5x9</td> <td>1</td> <td>3-6</td> <td>left handle body</td> <td>1</td> <td>7-15</td> <td></td> <td>1</td> | 37 | screw M5x9 | 1 | 3-6 | left handle body | 1 | 7-15 | | 1 | |
| AstSalt spingA 1A 3-bUnited all riggerA 1A 1F 1F 10 E0012E0012F 10 E0012F 10 | <td>38</td> <td>start wheel</td> <td>1</td> <td>3-7</td> <td>flameout switch</td> <td>1</td> <td>7-16</td> <td>0</td> <td>1</td> | 38 | start wheel | 1 | 3-7 | flameout switch | 1 | 7-16 | 0 | 1 |
| 41start coll spring13-10trigger tosional spring17-19tensioning block42starting handle13-11strigger tosional spring17-19tensioning block143rope13-12stros components screw GB/T 845 ST 3:9 x 1627-20split washer GB/T 896 3.5144easy starter cover13-12stros components screw GB/T 845 ST 3:9 x 1647-21tensioning bolt44easy starter cover13-13right handle body17-22gasket45copper clamper $\Phi 5 \times \Phi 7 \times 6$ 43-14cross components screw ST2.5x817-23hex.screw GB/T 70.1 M5x1246fuel tank retainer14-1sponge cover 140mm17-26fat washer Ø 6 x Ø 18x1147hex. screw M5x2034-2rear aluminium tube17-27left board149muffler gasket14-3drive shaft37-26hex.screw GB/T 70.1 M6x14150muffler gasket14-5middle aluminium tube17-28hex.flange face nut GB/T 6177.1 M6151catalyst14-6front aluminium tube17-30hex.screw GB/T 70.1 M4 x 12153muffler shell14-7belt(quick release)17-30hex.screw GB/T 70.1 M4 x 12153muffler cover aluminzed paper14-8sponge cover 120mm17- | 39 | start spring | 1 | 3-8 | control arm | 1 | 7-17 | | 1 | |
| 42starting handle1 $3 \cdot 11$ oreas components sorew GB/T 845 ST 3 x1027-20split washer GB/T 896 3.543rope1 $3 \cdot 12$ cross components sorew GB/T 845 ST 3.9×16 47-21tensioning bolt44easy starter cover1 $3 \cdot 12$ cross components sorew GB/T 845 ST 3.9×16 47-21tensioning bolt45copper clamper $\Phi 5 \cdot \Phi 7 \times 6$ 4 $3 \cdot 14$ cross components sorew ST2.5x817-23hex.screw GB/T 70.1 M5x1246fuel tank retainer14-1sponge cover 140mm17-24spordet wheel147hex. screw M5x2034-2rear aluminium tube17-25flat washer $0.6 \times 0.18x1$ 149muffler gasket14-4oilness shaft sleeve97-27left board150muffler gasket14-6front aluminium tube17-28hex.flange face nut GB/T 6177.1 M6151catalyst14-6front aluminium tube27-29stud bolt M6 x 301152hex. screw M5x1414-7betl(quick release)17-31spring washer GB/T 93.4153muffler cover aluminzed paper14-9bet base17-32sponge filter ring154muffler cover14-10hex. screw M5 x 2017-33oil pump155muffler cover14-10hex. screw M5 x 20 </td <td>40</td> <td>reel</td> <td>1</td> <td>3-9</td> <td>trigger</td> <td>1</td> <td>7-18</td> <td>baseboard</td> <td>1</td> | 40 | reel | 1 | 3-9 | trigger | 1 | 7-18 | baseboard | 1 | |
| 42 starting handle 1 3×10^{-1} 3×10^{-1} 2×1^{-2} 7×20^{-1} spin (washer GS/1 595.35) 43 rope 1 $3 \cdot 12^{-1}$ 3×16^{-1} 3×16^{-1} $7 \cdot 21^{-1}$ tensioning bott tensioning bott $7 \cdot 21^{-1}$ tensioning bott t | | | 1 | 3-10 | | | | - | 1 | |
| 43Ope13-123.9 x 167-21Instorting bolt44easy starter cover13-13right handle body17-22gasket745copper clamper Φ5×Φ7×643-14cross components screw ST2.5x817-23hex.screw GB/T 70.1 M5x12146fuel tank retainer14-1sponge cover 140mm17-24sprocket wheel147hex. screw M5x2034-2rear aluminium tube17-25flat washer Ø 6 x Ø 18x1148hex. screw M5x2514-3drive shaft37-26hex.screw GB/T 70.1 M6x14149muffler gasket14-4oilness shaft sleeve97-27left board150muffler14-5midde aluminium tube17-28hex.flange face nut GB/T 6177.1 M6151catalyst14-6front aluminium tube27-29stud bolt M6 x 30152hex. screw M5x1414-7belt(quick release)17-30hex.screw GB/T 70.1 M4 x 12153muffler cover aluminge paper14-9beltsee17-33sping washer GB/T 93.4154muffler cover14-10hex. screw M5 x 2017-33oil pump155muffler cover14-10hex. screw M5 x 2017-34oil pump155hex. screw M5 x 2017-34oil pu | 42 | starting handle | 1 | 3-11 | 3 x10 | 2 | 7-20 | split washer GB/T 896 3.5 | 1 | |
| 45copper clamper Φ5×Φ7×643-14cross components screw ST2.5x817-23hex.screw GB/T 70.1 M5x1246fuel tank retainer14-1sponge cover 140mm17-24sprocket wheel147hex. screw M5x2034-2rear aluminium tube17-26fat washer Ø 6 x Ø 18x1148hex. screw M5x2514-3drive shaft37-26hex.screw GB/T 70.1 M6x14149muffler gasket14-4oiliness shaft sleeve97-27left board150muffler14-5middle aluminium tube17-28hex.flange face nut GB/T 6177.1 M6151catalyst14-6front aluminium tube27-29stud bolt M6 x 30152hex. screw M5x1414-7belt(quick release)17-31spring washer GB/T 93.4153muffler cover aluminzed paper14-9belt base17-32spong filter ring154muffler cover14-10hex. screw M5 x 2017-33oil pump155muffler cover14-10hex. screw M5 x 2017-34oil inlet56hex. screw M5 x 2014-10hex. screw M5 x 2017-34oil inlet | 43 | rope | 1 | 3-12 | | 4 | 7-21 | tensioning bolt | 1 | |
| 46fuel tank retainer14-1sponge cover 140mm17-24sprocket wheel147hex. screw M5x2034-2rear aluminium tube17-25flat washer Ø 6 x Ø 18x1148hex. screw M5x2514-3drive shaft37-26hex.screw GB/T 70.1 M6x14149muffler gasket14-4oiliness shaft sleeve97-27left board150muffler14-5middle aluminium tube17-28hex.flange face nut GB/T 6177.1 M6151catalyst14-6front aluminium tube27-29stud bolt M6 x 30152hex. screw M5 x 1414-7belt(quick release)17-30hex.screw GB/T 70.1 M4 x 12153muffler cover aluminzed paper14-9belt base17-32sponge filter ring155muffler cover14-10hex. screw M5 x 2017-33oil pump156hex. screw M5 x 2014-11belt base fixing clip17-34oil inlet | 44 | easy starter cover | 1 | 3-13 | right handle body | 1 | 7-22 | gasket | 1 | |
| 47hex. screw M5x2034-2rear aluminium tube17-25flat washer Ø 6 x Ø 18x148hex. screw M5x2514-3drive shaft37-26hex.screw GB/T 70.1 M6x1449muffler gasket14-4oiliness shaft sleeve97-27left board50muffler14-5middle aluminium tube17-28hex.flange face nut GB/T 6177.1 M651catalyst14-6front aluminium tube27-29stud bolt M6 x 3052hex. screw M5 x 1414-7belt(quick release)17-30hex.screw GB/T 70.1 M4 x 1253muffler shell14-8sponge cover 120mm17-31spring washer GB/T 93 454muffler cover aluminzed paper14-10hex. screw M5 x 2017-33oil pump56hex. screw M5 x 2014-11belt base fixing clip17-34oil inlet | 45 | copper clamper Φ5×Φ7×6 | 4 | 3-14 | cross components screw ST2.5x8 | 1 | 7-23 | hex.screw GB/T 70.1 M5x12 | 4 | |
| LocLo | 46 | fuel tank retainer | 1 | 4-1 | sponge cover 140mm | 1 | 7-24 | sprocket wheel | 1 | |
| Agemuffler gasket14-4oiliness shaft sleeve97-27left board150muffler14-5midde aluminium tube17-28hex.flange face nut GB/T 6177.1 M6151catalyst14-6front aluminium tube27-29stud bolt M6 x 30152hex.screw M5 x 1414-7belt(quick release)17-30hex.screw GB/T 70.1 M4 x 12153muffler over aluminzed paper14-8sponge cover 120mm117-31spring washer GB/T 93.4154muffler cover aluminzed paper14-9belt base117-32sponge filter ring155muffler cover14-10hex.screw M5 x 2017-33oil pump156hex.screw M5 x 2014-11belt base fixing clip17-34oil inlet1 | 47 | hex. screw M5x20 | 3 | 4-2 | rear aluminium tube | 1 | 7-25 | flat washer Ø6 x Ø18x1 | 1 | |
| 50muffler14-5middle aluminium tube17-28hex.flange face nut GB/T 6177.1 M651catalyst14-6front aluminium tube27-29stud bolt M6 x 30152hex. screw M5 x 1414-7belt(quick release)17-30hex.screw GB/T 70.1 M4 x 12153muffler shell14-8sponge cover 120mm17-31spring washer GB/T 93.4154muffler cover aluminzed paper14-9belt base17-32sponge filter ring55muffler cover14-10hex. screw M5 x 2017-33oil pump56hex. screw M5 x 2014-11belt base fixing clip17-34oil inlet | 48 | hex. screw M5x25 | 1 | 4-3 | drive shaft | 3 | 7-26 | hex.screw GB/T 70.1 M6x14 | 1 | |
| 51catalyst14-6front aluminium tube27-29stud bolt M6 x 3052hex. screw M5 x 1414-7belt(quick release)17-30hex.screw GB/T 70.1 M4 x 1253muffler shell14-8sponge cover 120mm17-31spring washer GB/T 93 454muffler cover aluminzed paper14-9belt base17-32sponge filter ring55muffler cover14-10hex. screw M5 x 2017-33oil pump56hex. screw M5 x 2014-11belt base fixing clip17-34oil inlet | 49 | muffler gasket | 1 | 4-4 | oiliness shaft sleeve | 9 | 7-27 | left board | 1 | |
| 51catalyst14-6front aluminium tube27-29stud bolt M6 x 30152hex. screw M5 x 1414-7belt(quick release)17-30hex.screw GB/T 70.1 M4 x 12153muffler shell14-8sponge cover 120mm17-31spring washer GB/T 93 4154muffler cover aluminzed paper14-9belt base17-32sponge filter ring155muffler cover14-10hex. screw M5 x 2017-33oil pump156hex. screw M5 x 2014-11belt base fixing clip17-34oil inlet | 50 | muffler | 1 | 4-5 | middle aluminium tube | 1 | 7-28 | hex.flange face nut GB/T 6177.1 M6 | 1 | |
| 52hex. screw M5 x 1414-7belt(quick release)17-30hex.screw GB/T 70.1 M4 x 1253muffler shell14-8sponge cover 120mm17-31spring washer GB/T 93 4154muffler cover aluminzed paper14-9belt base17-32sponge filter ring55muffler cover14-10hex. screw M5 x 2017-33oil pump56hex. screw M5 x 2014-11belt base fixing clip17-34oil inlet | 51 | catalyst | 1 | 4-6 | front aluminium tube | 2 | 7-29 | - | 1 | |
| SignalSigna | | | 1 | | | | | | 2 | |
| 54 muffler cover aluminzed paper 1 4-9 belt base 1 7-32 song filter ring 55 muffler cover 1 4-10 hex. screw M5 x 20 1 7-33 oil pump 56 hex. screw M5 x 20 1 4-11 belt base fixing clip 1 7-34 oil nump | | | | | | | | | 2 | |
| 55 muffler cover 1 4-10 hex. screw M5 x 20 1 7-33 oil pump 1 56 hex. screw M5 x 20 1 4-11 belt base fixing clip 1 7-34 oil inlet 0 | | | | | | | | | 2 | |
| 56 hex.screw M5x20 1 4-11 belt base fixing clip 1 7-34 oil index oil | | | | | | | | | 1 | |
| | | | 1 | | | 1 | | | 1 | |
| | | | | | | | | | 1 | |
| | | | | | | | | | | |
| 58 cylinder mask 1 4-13 rubber tube 3 7-36 10" bar | | | | | | | | | 1 | |
| 59 hex, screw M4 x 20 1 5-1 hex, nut M5 4 7-37 10" bar cover | 59 | nex. screw M4 x 20 | 1 | 5-1 | nex.nut M5 | 4 | 7-37 | 10" bar cover | 1 | |

Remark:

All of the assemblies only can be supplied as a whole part.

Limited Manufacturer Warranty

FOT makes every effort to ensure that this product meets high quality and durability standards. FOT warrants to the original retail consumer a 1-year limited warranty from the date the product was purchased at retail and each product is free from defects in materials. Warranty does not apply to defects due directly or indirectly to misuse, abuse, negligence or accidents, repairs or alterations, or a lack of maintenance. FOT shall in no event be liable for death, injuries to persons or property, or for incidental, special or consequential damages arising from the use of our products. To receive service under warranty, the original manufacturer part must be returned for examination by an authorized service center. Shipping and handling charges may apply. If a defect is found, FOT will either repair or replace the product at its discretion.

DO NOT RETURN TO STORE

For Customer Service:

Email customerservice@focus-ontools.com

Call 1-800-348-5004