



Brush Cutter

User manuals

Safety Warning

Please read carefully before using the JC series multifunctional engineering machine auxiliaries

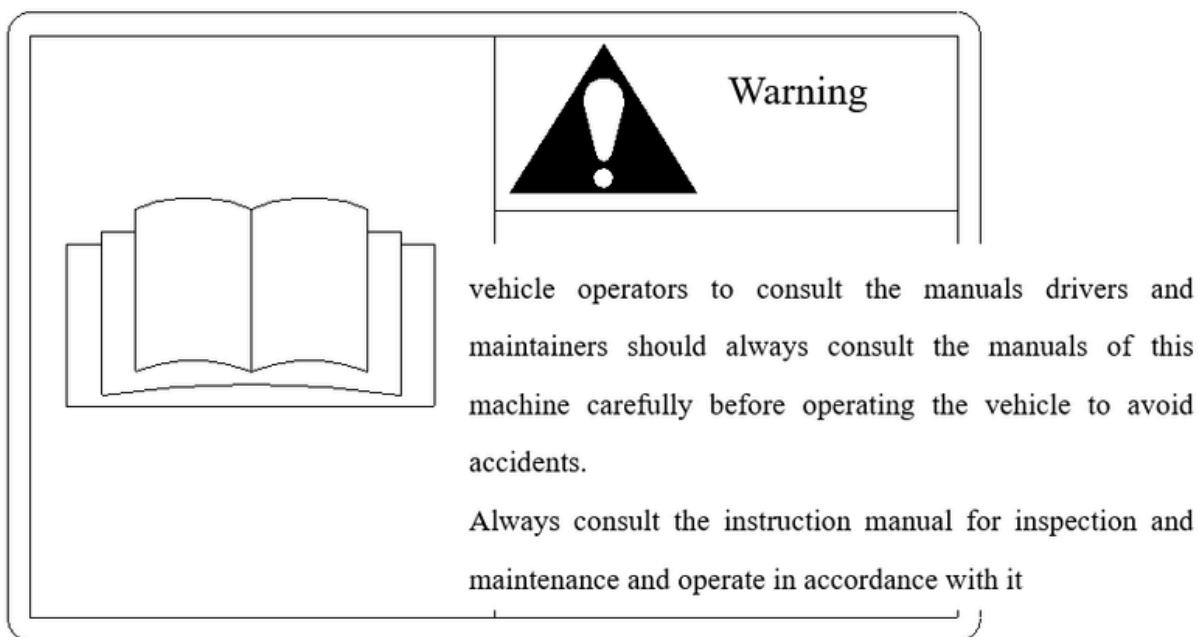
The following is to prevent injury to the driver and maintenance personnel due to improper handling of the machine.

1. When the JC series multifunctional construction machine is equipped with auxiliary tools for normal work, it is strictly forbidden to stand under the big arm, and it must not be overloaded, super high, or driven at excessive speed.
2. Before installing the auxiliary equipment should check whether the oil connection on the auxiliary equipment is reliable, whether the bolts of the connection parts are locked tight, etc. Problems found should be dealt with in a timely manner to avoid oil leakage, air leakage and other phenomena in the oil circuit, and the bolts that are not locked tight should be tightened in a timely manner.
3. When the JC series multifunctional engineering machine is in normal operation, no disassembly or maintenance work is allowed on the auxiliary equipment.
4. When working with hanging auxiliaries, under normal conditions of various oil connections, try not to disconnect or connect the hydraulic oil circuit, the oil circuit,

- etc., to avoid damage to the eyes and skin caused by the oil spraying out.
5. When installing and dismantling various auxiliary tools, the big arm of the JC series multifunctional engineering machine should be placed slowly to the lowest place where dismantling can be guaranteed, do not dismantle or replace various auxiliary tools while the big arm is raised, so that the big arm will not fall and cause injury to people.
 6. When working with accessories, the human body, clothes and jewellery should be kept away from high-speed rotating parts, hot parts and oil circuits on the accessories to avoid injury to people.

Warnings

JC series multifunctional engineering machine drivers, before using the machine with the auxiliary tools, must carefully read this operation manual, familiar with the structure, performance, use requirements, technical operation and maintenance of the auxiliary tools and other matters.



The user shall not disassemble or modify the auxiliary equipment provided by the Company at will. If the work requires changes to the structure of the machine, the technical department of the Company shall be notified in time and the work shall be carried out only under the guidance of the technical staff of the Company.

Preface

In order to help the user understand the structure of the auxiliary equipment fitted to the JC series engineering machines, to master the operating techniques and to be able to work normally and reliably, we have prepared this manual to briefly describe the general knowledge in the use, repair and maintenance for the user's reference. The operator must read this manual carefully before use.

The user uses the product in accordance with the product performance as specified in this manual and carries out normal maintenance, adjustment and servicing.

As the structure of the machine is constantly being improved in practice, there may be inconsistencies between the actual structure and the contents of this manual.

Due to the limited level of preparation, it is inevitable that there are mistakes, so we invite users to make criticisms and suggestions for continuous improvement and enhancement.

When our products leave the factory, each unit is tested strictly according to quality standards to ensure product quality. 6 months from the date of leaving the factory, under normal use and storage conditions, the factory will repair or replace for the user any mechanical failure or failure to use normally due to manufacturing quality problems.

Brush Cutter manual

1. Main operating parameters

1.1 Model: GC72G

1.2 Cutting widths: 1830 mm

1.3 Stubble height: ≤ 50 mm

1.4 Safety valve opening pressure for hydraulic systems: 16Mpa

1.5 Hydraulic system operating flow: 60~90 L/min

1.6 External dimensions (L X W X H):2339X1942X534mm

1.7 Weight: 398 kg

2. Instruction for use

Figure 1: Handle: This handle is operated when the main unit is mechanically connected to the auxiliaries.

Hanger: component for the mechanical and quick connection of the main unit to a wide range of auxiliaries.

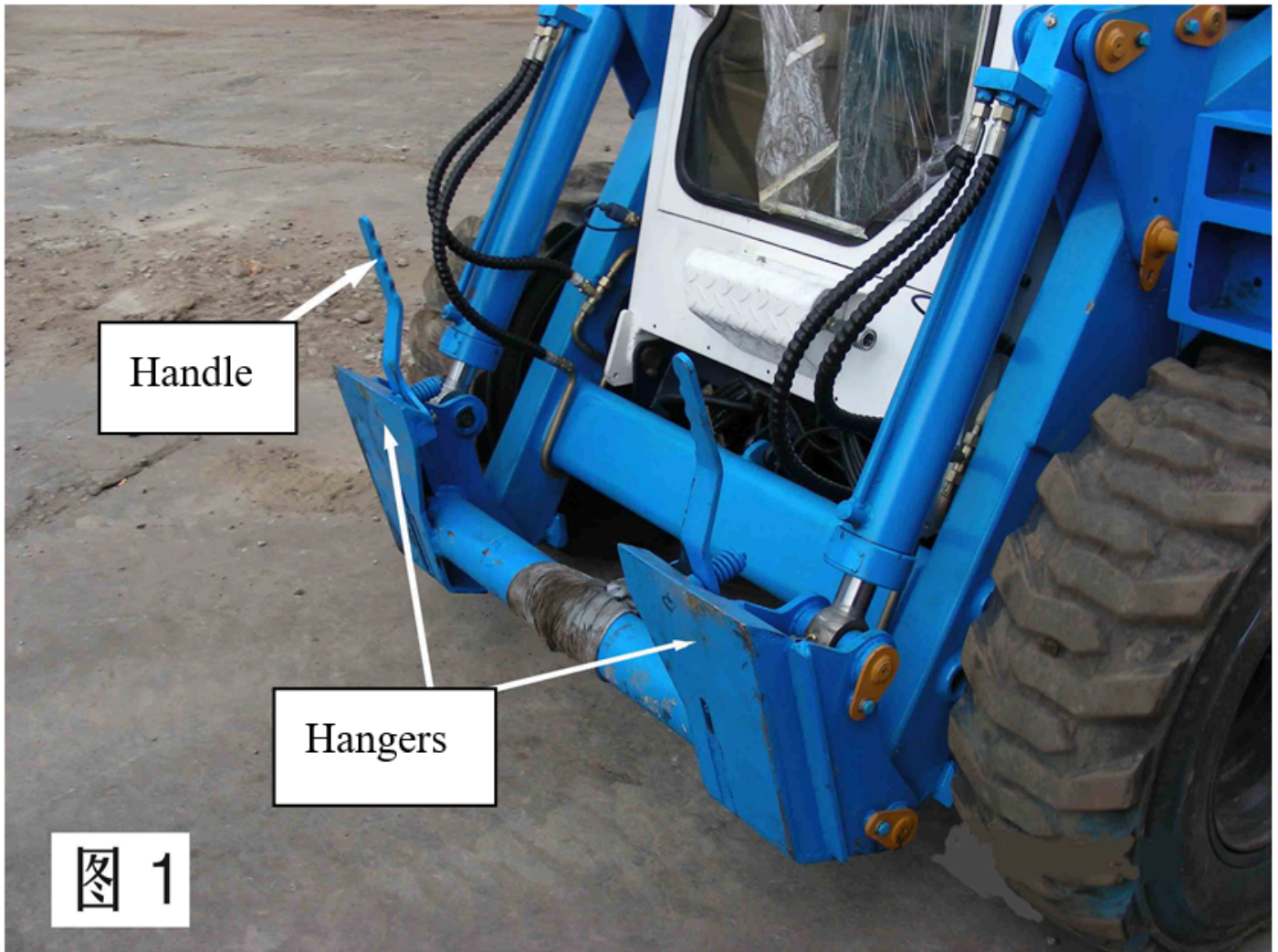
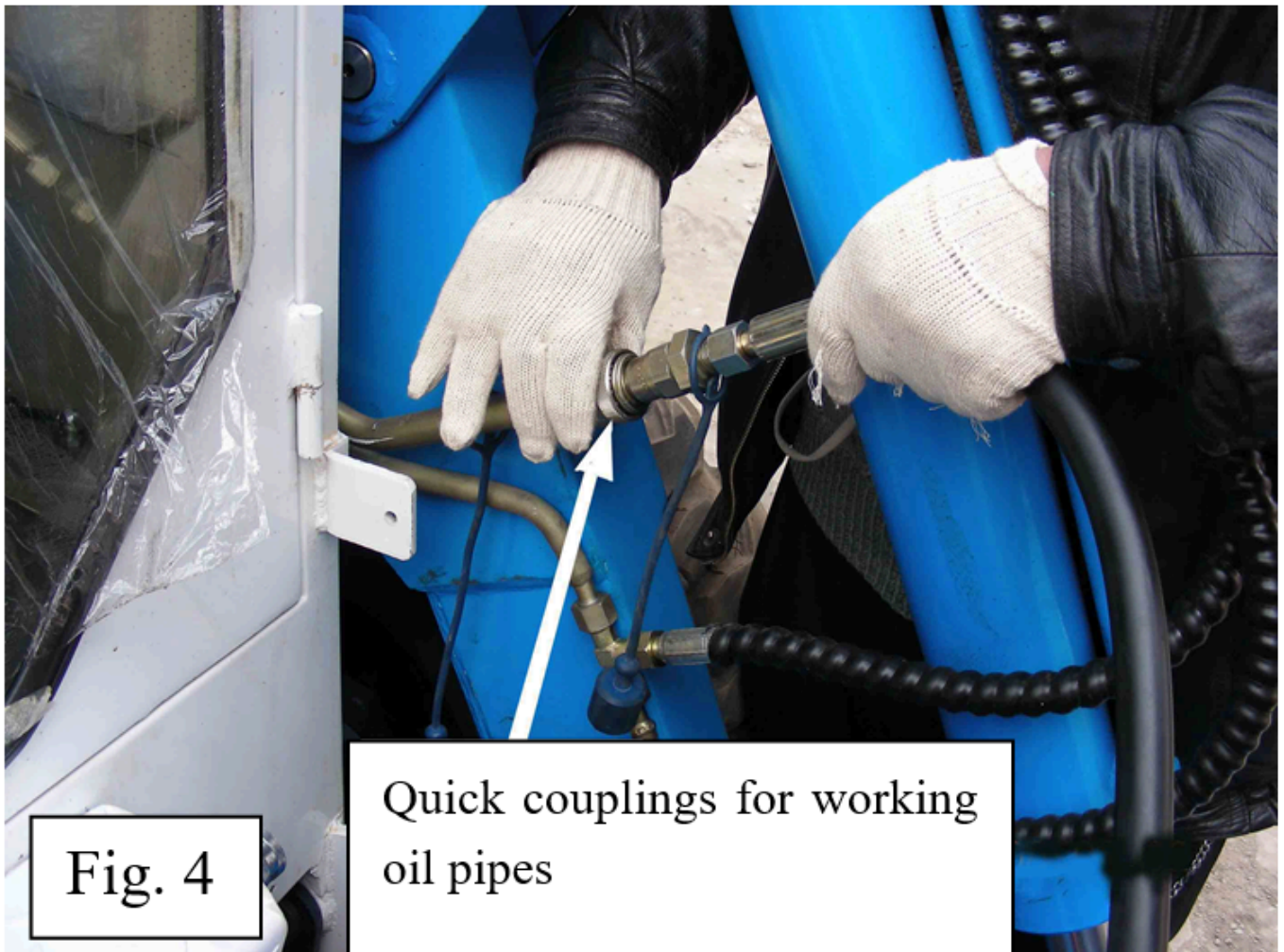


Figure 2: Introduction to the construction of the GC72 mower.

1. Limiting component: this component can be adjusted to control the stubble height.
2. Mower component: consists of a high speed rotating blade, on which 2 movable blades are mounted respectively, the blades rotate together with the blade to achieve mowing.
3. Hanger: for quick mechanical connection to the mainframe.
4. Drive mechanism: transmits the power of the hydraulic motor to the mower.
5. Hydraulic motor: driven to work by the hydraulic oil flow from the main engine and transmits the power to the mower blade through the coupling and gearbox.

Fig. 3: Quick mechanical coupling of the mower to the main body: with the hanger handle of the main body in the upward position, align the suspension mounting part of the mower, thread in and fit. Afterwards, press down both hanger handles to lock the quick suspension coupling mechanism. This completes the mechanical connection of the main unit to the mower so that the main unit can carry the mower into operation.

Fig. 4: Quick coupling of the working oil pipe for plugging in the hydraulic motor of the auxiliary tool, one on the left and one on the right.



: Connection to the motor return line: the fitting is a quick



coupling of 3/8" size, one.

3、 Safe use and operation

3.1 Preparation before use: remove the bolts from the gearbox cover and fill the gearbox body with approximately half a tank of gear oil (should be filled at the factory).

3.2 The mower should be checked and adjusted before operation for fasteners, connections, rotating parts and safety guards.

3.3 Carefully inspect the mower blade, blade lock nut and cutter components for wear and damage before operation.

3.4 Rotate the cutter in the direction of the open blade.

3.5 If the mower breaks down during operation, it should be stopped and switched off, and operation should not continue until the fault has been removed.

3.6 The cutter must stop turning when the mower is in transport.

3.7 When the mower is being transported, the cutter must be prevented from being crushed so that it is not deformed by artificial damage.

3.8 operation by minors and persons who do not master the operating requirements of the machine is strictly forbidden. it is strictly forbidden to operate the machine when the operator is drunk, ill or excessively fatigued

3.9 The weeds inside the knife should be cleared frequently, and the power source must be cut off when clearing.

4、 Maintenance and maintenance

4.1 Regularly check the tightening of bolts and nuts and the coupling of each part.

4.2 The lubrication points should be frequently filled with lubricant.

4.3 After 30 hours of initial use, drain all the gear oil from the gearbox, clean the inner cavity with diesel oil and replace the gear oil again.

4.4 Every 300 to 350 hours of work, a complete overhaul should be carried out, and if the machine parts are found to be damaged, they should be replaced in time.

4.5 When the machine is not used for a long time, it should be cleaned and the exposed metal surface should be coated with anti-rust oil, and the machine should be stored in the open air.

5. Adjustment and replacement of wearing parts

5.1 The cutter is a single-sided blade, after long-term operation, when the blade is seriously worn and affects the work, it can be removed and replaced so that the cutter can keep working normally.

5.2 If the cutter bolt is worn on one side, adjust the angle and continue to use it, and then replace it with a new one when the wear is serious.