

MANUAL

**KEEP THE MANUAL NEAR THE MACHINE ALL TIME
AND MAKE SURE ALL USERS HAVE READ THIS**



TIRE EXPANDER

MODEL: E-120

STATEMENT

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- This manual is for professional car repair technicians only.
- This manual only provides the operation method of FCAR products. The company does not assume any responsibility for the consequences caused by using the operation methods for other equipment operations.
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- This manual is written according to the existing configuration and functions of the product. If new configurations and functions are added to the product, this manual will be changed without prior notice.

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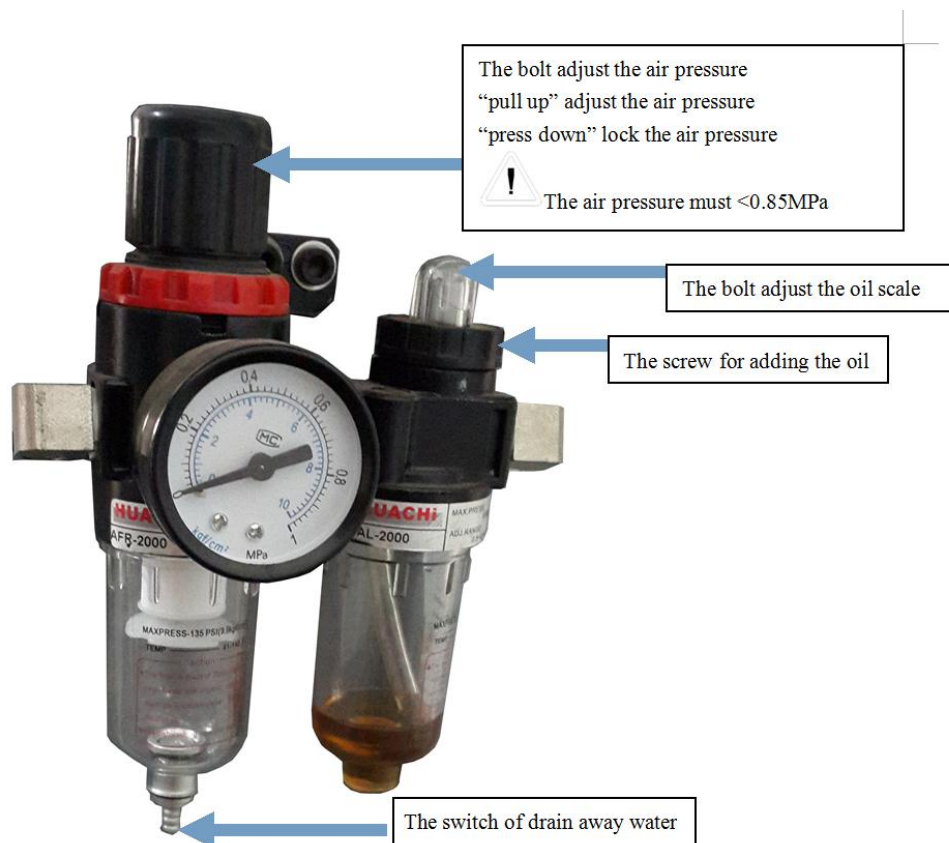
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1. The intended use

The fast growth of automobile industry brought much vitality to the automobile maintenance industry. The traditional way in which auto repair relied on heavy labor has already been unable to satisfy the maintenance need of modern automobile. In order to cater to the need of industrial development, our institute successfully developed an up-to-date type of machine after several years of study, which named SR-1120 type pneumatic tire expander. With reasonable structure, beautiful appearance and easy operation, this type of machine received deep recognition and high praise from the majority of practitioners since its launch in market.

2. The characteristics

- (1) The locality you need to position can be freely selected on the four gear of toggle hook that is carefully designed to expand tires.
- (2) Oil-water separator: There is a certain amount of oil in cup to ensure sufficient lubrication in cylinder.



- (3) LED work light: It can radiate enough light for the operator during work.

3. The operational approach

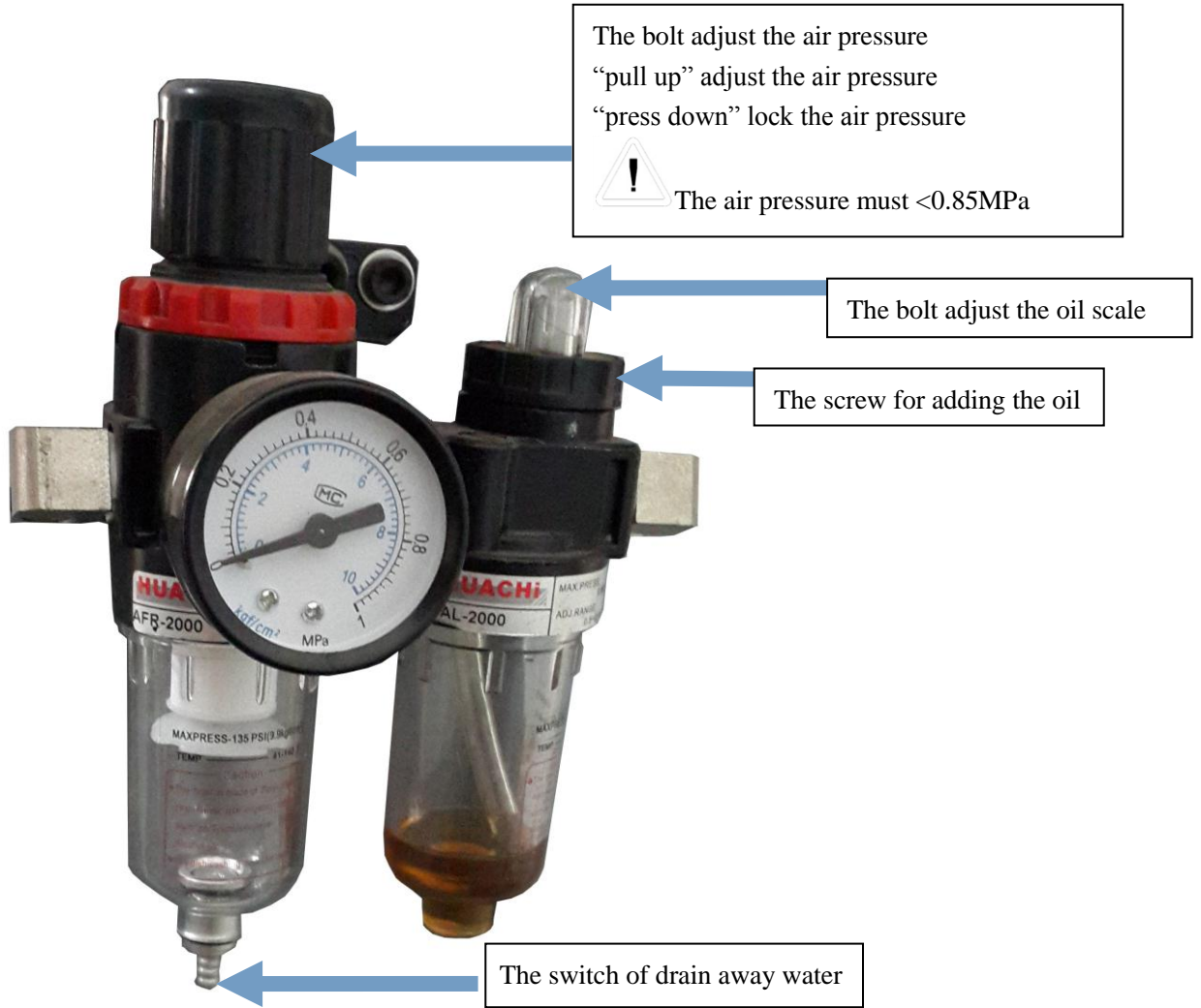
- (1) Put the tire on the wheel trolley, rotate certain parts of tire that need to be spread and hook the hanger on the tire mouth.
- (2) Press pedal to start left valve of the machine, then the air stream flows in and the tire mouth is unlocked. At this time operation can begin.
- (3) At the end of the operation, press the pedal to start right valve of the machine, in the meantime the air exhausts, the tire expanding hook return to its original position and remove the tire.

4. Technical parameter

- (1)The expandable tire width: 100---375mm.
- (2)The expandable tire diameter: Every type of tire below 1200mm.
- (3)Work pressure: 0.6-0.8Mpa
- (4)LED work light: 24V/ 3W

5. Precautions

- (1)To choose the hook location according to the size of tire, and too big expanding space will cause the tearing of tire easily.
- (2)The equipment could not be stored and used outdoors.
- (3)The rotating parts need to be oil-sealed and saved in the case of its being long-term idle.



WARRANTY

Respectful FCAR User:

Welcome to choose the FCAR series. In order to better use the product, we recommend that you take care of your product and follow the instructions in the user manual every time you use it. If your use meets this requirement, you will have a product that will provide you with a longer-term quality service.

1. The following items: product manual, internal and external packaging, promotional gifts and other consumable items are not covered by the warranty.

2. Since the day that product have purchased (based on the valid purchase certificate and valid warranty card of this product), if the product has performance failure caused by non-human damage, the whole machine is guaranteed for one year.

3. In any of the following cases, your product will not be covered by the free warranty:

1) Failures, defects or defects are not caused by FCAR technology product quality: Including that you have not used the product in accordance with the product manual and improper operation of the product, such as collision, drop, self-assembly and disassembly, resulting in pressure loss, etch and rust caused by liquid or food infiltration;

2) Natural wear and tear of the product.

3) Disassembly, repair and modification without FCAR technology approval.

4. The following measures can be taken if quality problems or malfunctions occur during the warranty period.

1) You can contact the local purchased distributor or call the FCAR customer service hotline (400-1021-066) to get the correct service information.

2) After obtaining an effective reply from the distributor or company, you must send the product to the designated address of the company's factory for repair and maintenance, so as to get timely repair, maintenance and prevent further loss.

5. In the process of warranty service, you will bear the cost of product delivery or delivery related costs: including product packaging, transportation, insurance, etc.

6. The free warranty service you enjoy under this warranty is the only measure for the loss of the product due to defects in the product during the warranty period. FCAR Technology is not responsible for your direct or indirect losses.

7. All warranty information, product features and specifications of the product will be announced on the latest promotional materials and website of FCAR Technology without prior notice.