



CAR TIRE CHANGER ***USER GUIDE***

E A S Y T I R E A N Y W H E R E



WORKING PRINCIPLE OF THE LCTX TIRE CHANGER

The tire changer operates using compressed air, which is connected from the air compressor outlet to the tire changer's air inlet. This activates the large cylinder and foot pedal assembly. By pressing the foot pedal, the cylinder rod of the large cylinder extends and retracts. When the cylinder retracts, it pulls the bead breaker arm. The bead breaker arm, in turn, pushes the push rod to rotate the wheel hub securing and rotation assembly.



SAFETY PRECAUTIONS

Learn About the Equipment

- Before using the tire changer, make sure you understand how it works and its safety features. Ask for help if you're unsure.

Check Equipment Before Use

- Inspect the machine to ensure it's in good condition and all parts are securely attached.

Use the Right Tools

- Choose the correct machine and tools for the size and type of tire. Using the wrong tools can damage the machine or tires.

Keep the Work Area Clean

- Make sure the area around the machine is clean and free of debris, oil, and other hazards. Ensure there's enough space to move around.
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Follow Proper Procedures

- Use the machine correctly to avoid accidents and injuries. Stay a safe distance from the machine while it's in use.

Regular Maintenance

- Keep the machine in good working order with regular cleaning, lubrication, and inspections.

Follow Safety Rules

- Don't perform maintenance or adjustments while the machine is running.

Emergency Steps

- If something goes wrong, stop the machine immediately, turn off the power, and seek help if needed.

**READ THIS MANUAL CAREFULLY
BEFORE USING THE EQUIPMENT**



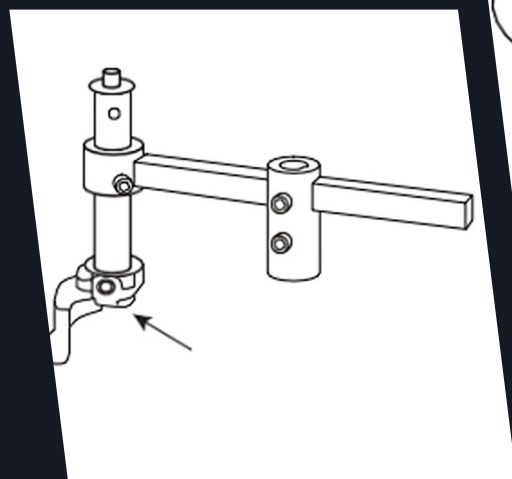


PARTS LIST

When you purchase the LCTX tire changer, you'll receive two boxes: Box A and Box B. Open both boxes and ensure that the following components are included:

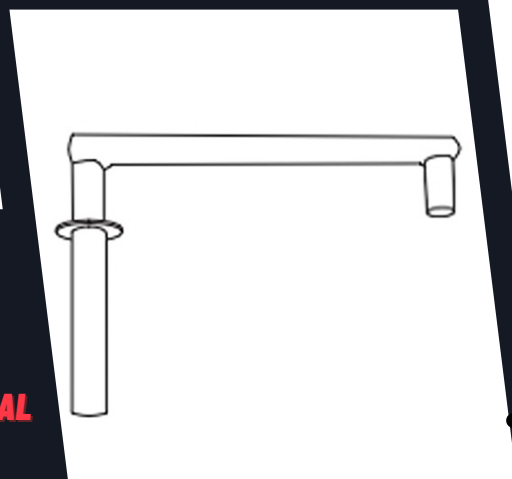
1

HUB ADJUSTMENT ASSEMBLY



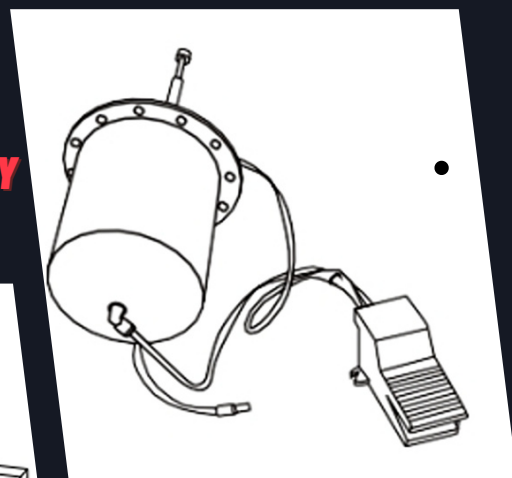
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PUSH ROD ASSEMBLY



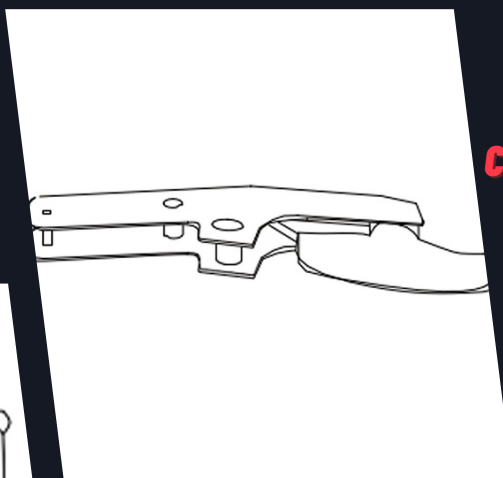
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LARGE CYLINDER AND FOOT PEDAL ASSEMBLY



4

BEAD BREAKER ARM ASSEMBLY



5

CONE FOR SECURING THE WHEEL HUB CENTER HOLE



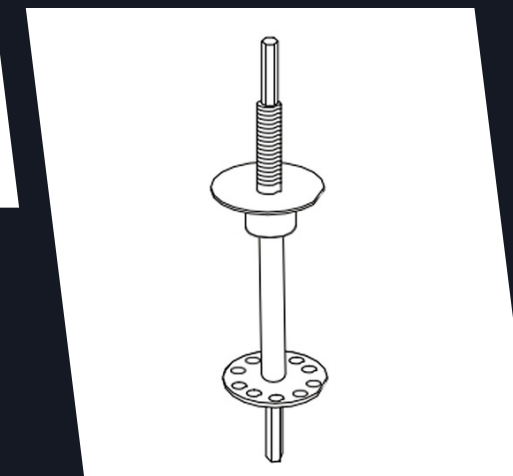
6

LARGE NUT FOR LOCKING THE CONE



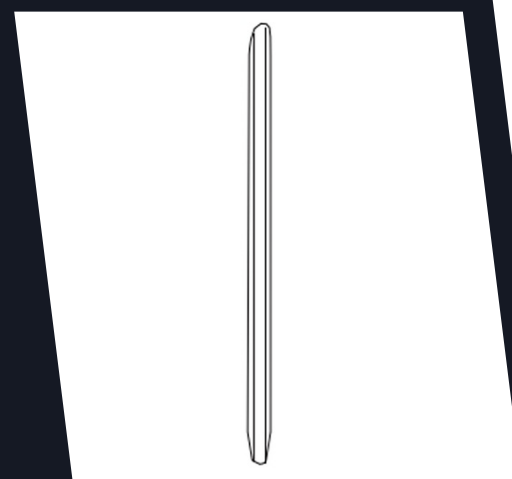
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WHEEL HUB SECURING AND ROTATION ASSEMBLY



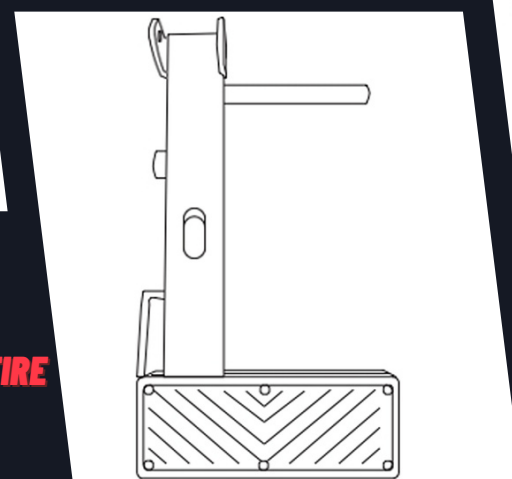
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TIRE PRY BAR



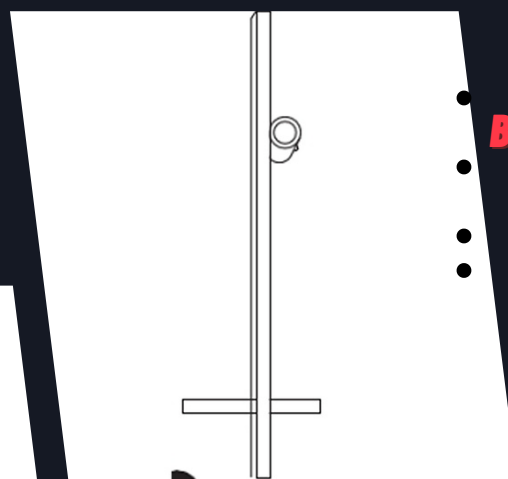
10

BRACKET FOR MOUNTING THE LARGE CYLINDER



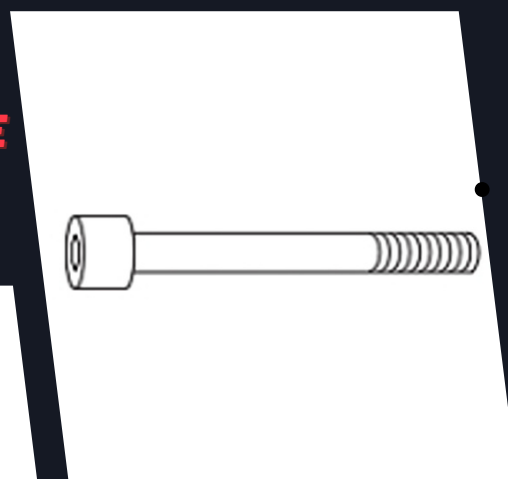
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STABILIZING STAND FOR THE TIRE CHANGER



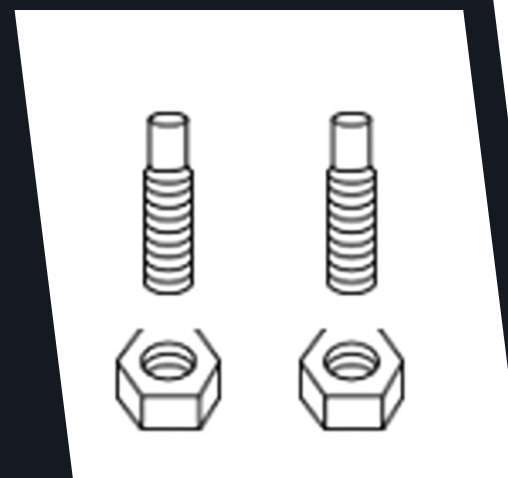
11

SCREWS FOR MOUNTING THE BEAD BREAKER ARM



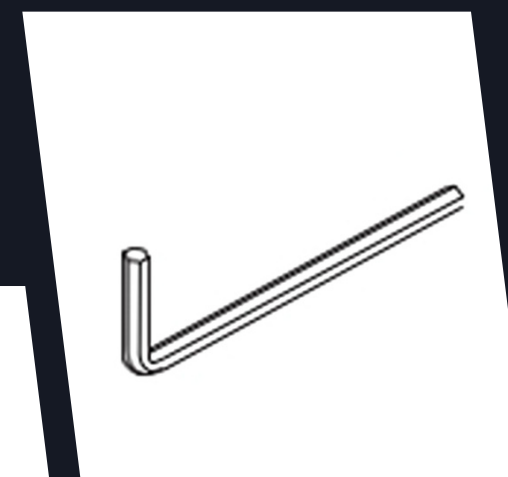
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SCREWS FOR MOUNTING THE LARGE CYLINDER



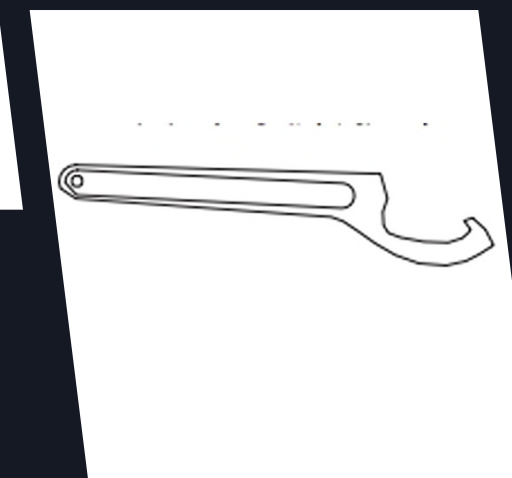
13

HEX WRENCH



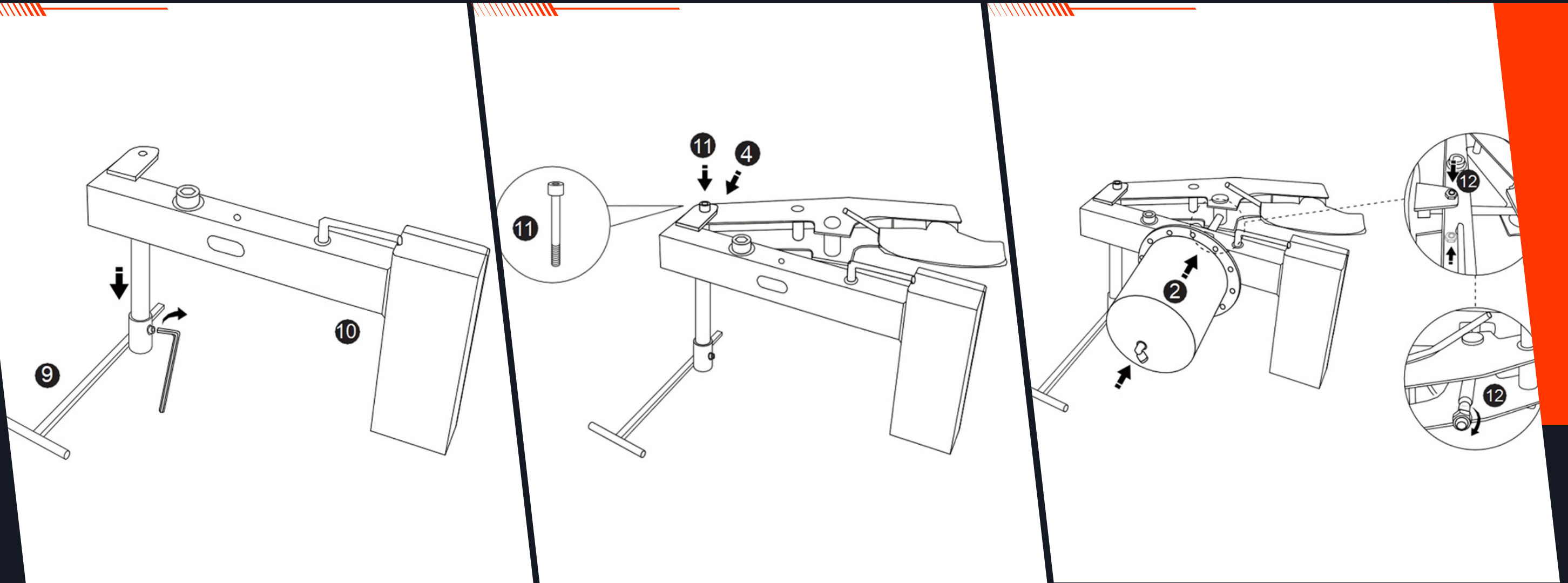
14

CRESCENT LOCKING WRENCH





INSTALLATION PROCEDURE



01

Insert the bracket for mounting the large cylinder into the stabilizing stand.

02

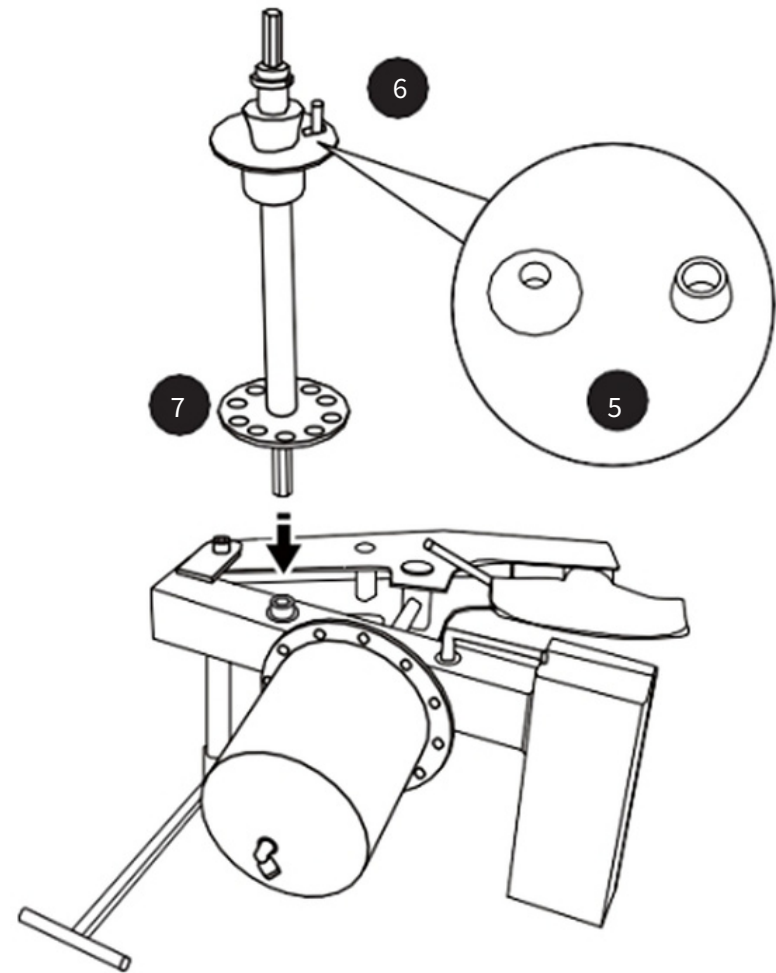
After securing the bracket, insert the bead breaker arm assembly. Insert the screws and tighten them to secure the bead breaker arm.

03

Insert the large cylinder and foot pedal assembly into the bead breaker arm assembly. Use the screws to secure the large cylinder by tightening both ends.

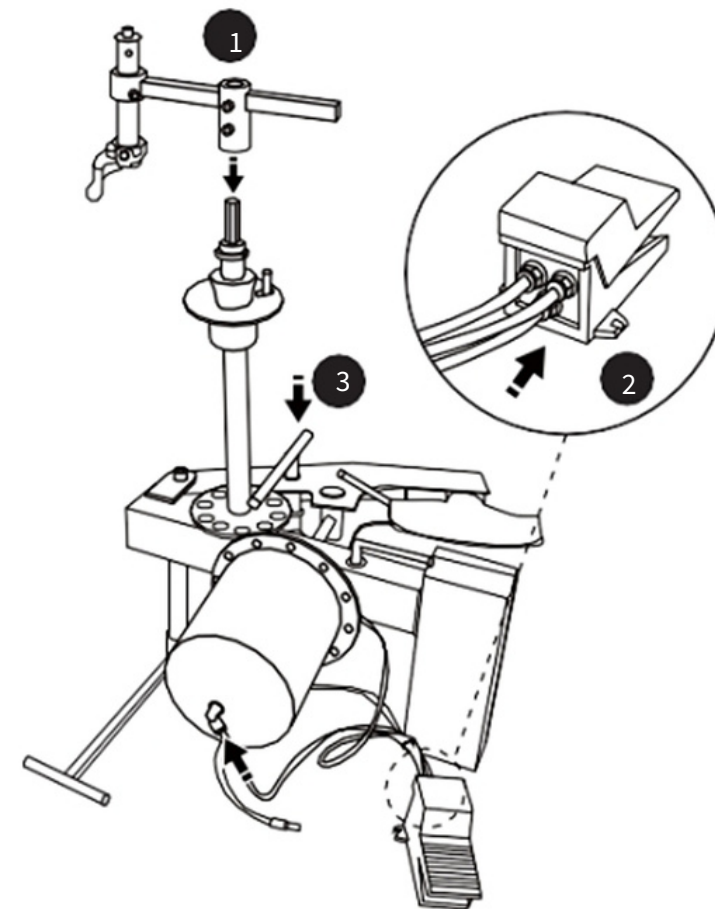


INSTALLATION PROCEDURE



04

Insert the wheel hub securing and rotation assembly into the stand, then insert the cone for securing the wheel hub center hole and tighten the large nut.



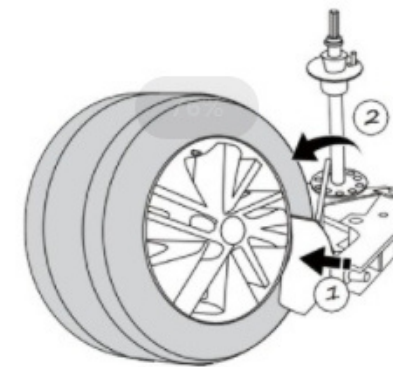
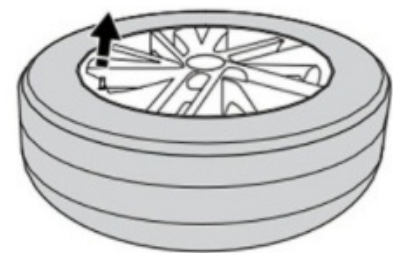
05

Connect the large cylinder and foot pedal assembly to the hub adjustment assembly, and then insert the push rod assembly.





REMOVE TIRE PROCEDURE



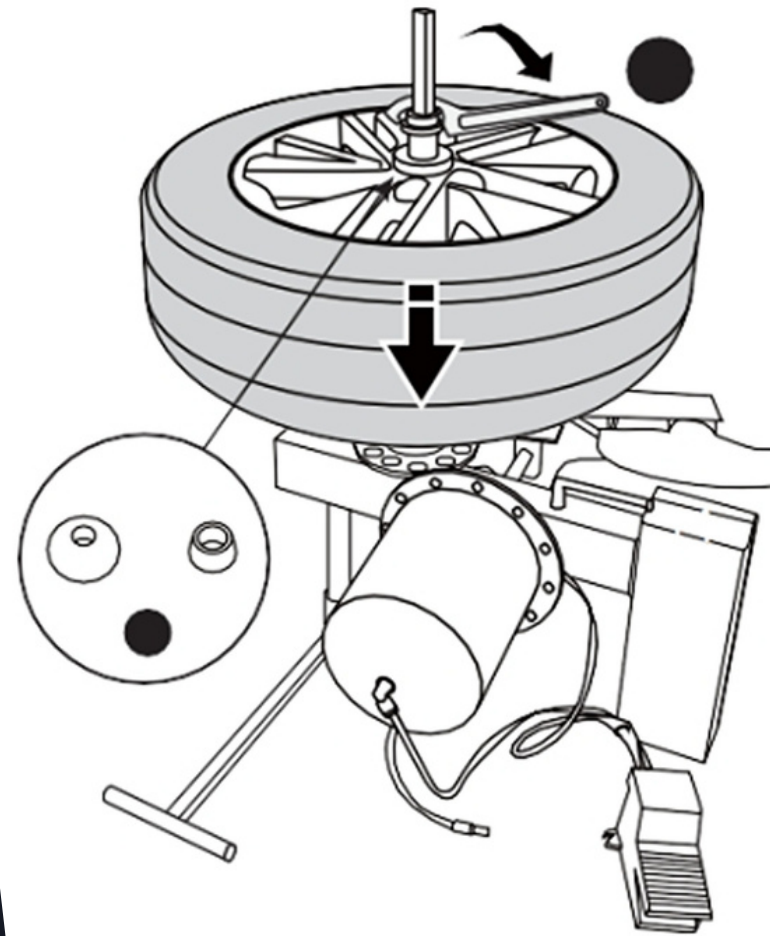
01

A. First, release the air from the tire by deflating it through the tire valve core.

B.

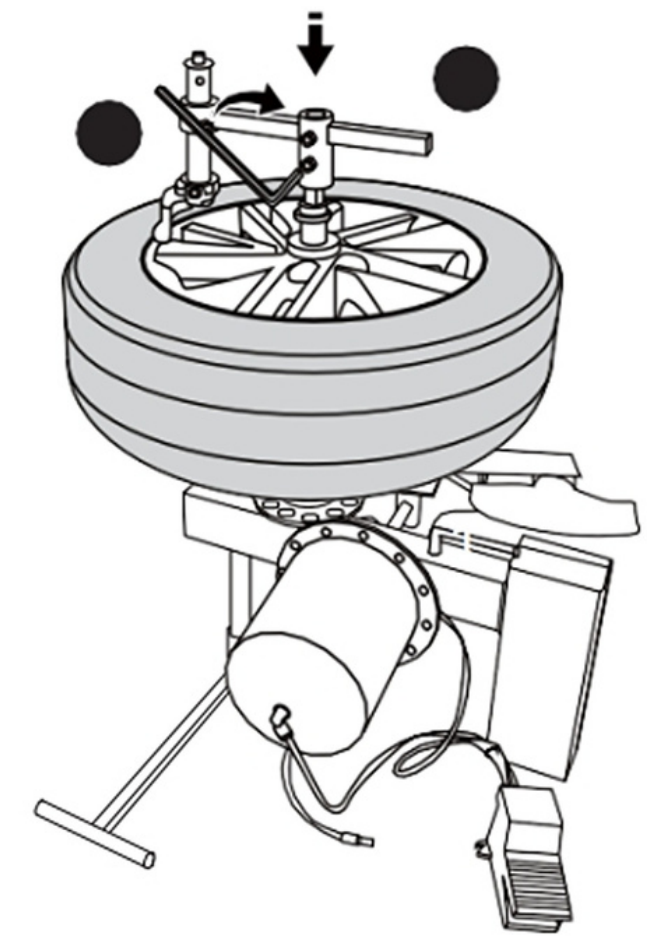
① Push the tire into the bead breaker arm.

② Step on the foot pedal to activate the large cylinder, which pulls the bead breaker arm. The small shovel on the large bead breaker arm will then loosen the tire from the wheel hub.



02

Insert the tire, select the corresponding cone to embed, install the large nut, and use the crescent locking wrench (14) to secure the tire.



03

Install the wheel assembly (1), adjust the bird head according to the size of the wheel, and use the hex wrench (13) to tighten and secure it.

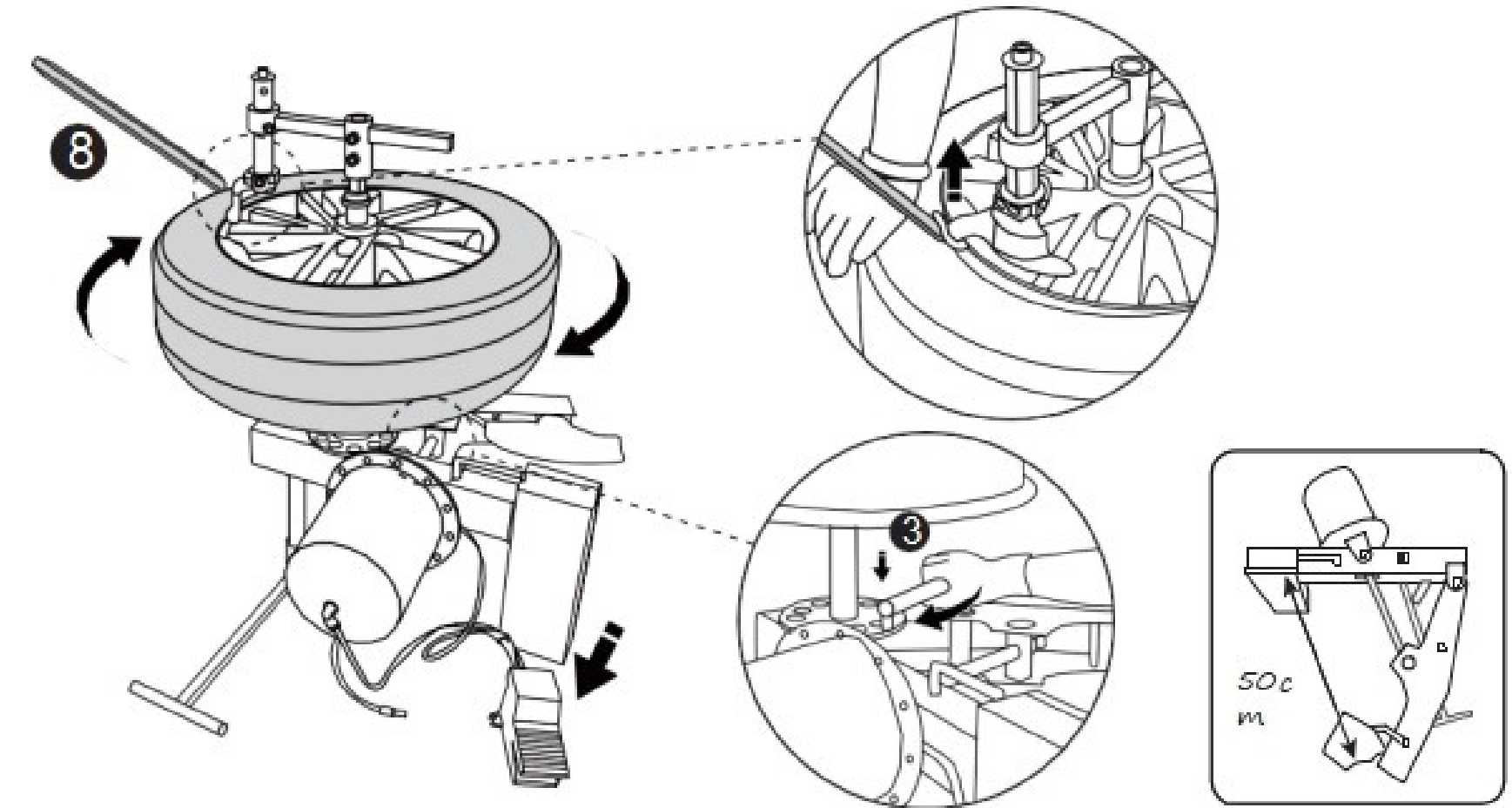


REMOVE TIRE PRODEDURE

04

Use the tire pry bar (8) to insert it above the duck head, pry up the tire bead, and adjust the shovel arm and the frame with the large air cylinder to the maximum position (as shown in Figure A). Insert the push bar and retract the air cylinder with the foot pedal switch. The wheel hub above will rotate, and the upper tire bead will be removed.

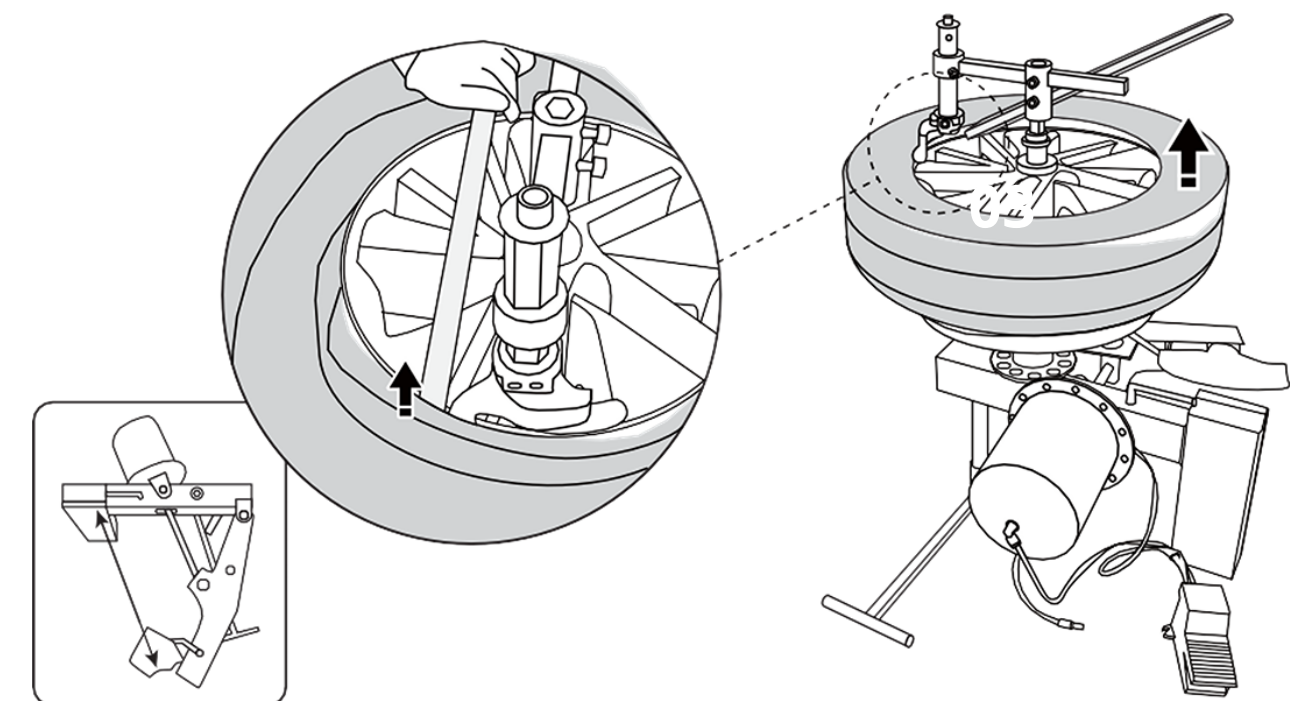
*Note: Be sure to hold the tire pry bar firmly during operation.



05

Remove the lower tire bead as shown in the diagram. Use the tire pry bar (Figure 1) to insert it above the bird head, lift the lower tire bead, and adjust the shovel arm and the frame with the large air cylinder to the maximum position (as shown in Figure A). Insert the push bar and press the foot pedal switch.

*Note: Be sure to hold the tire pry bar firmly during operation.



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REMOVE TIRE PRODEDURE

04

Use the tire pry bar (8) to insert it above the duck head, pry up the tire bead, and adjust the shovel arm and the frame with the large air cylinder to the maximum position (as shown in Figure A). Insert the push bar and retract the air cylinder with the foot pedal switch. The wheel hub above will rotate, and the upper tire bead will be removed.

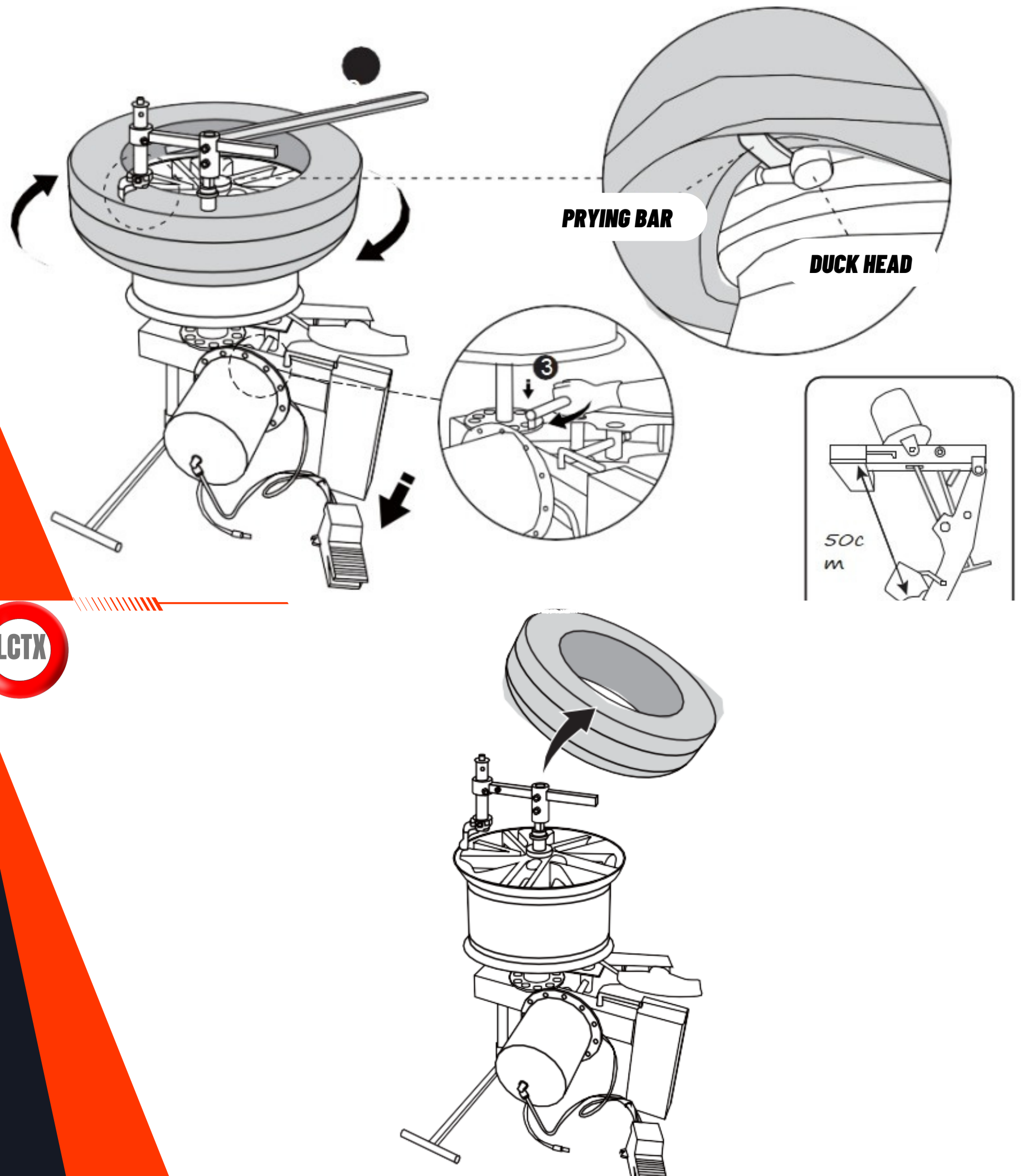
*Note: Be sure to hold the tire pry bar firmly during operation.

LCTX

05

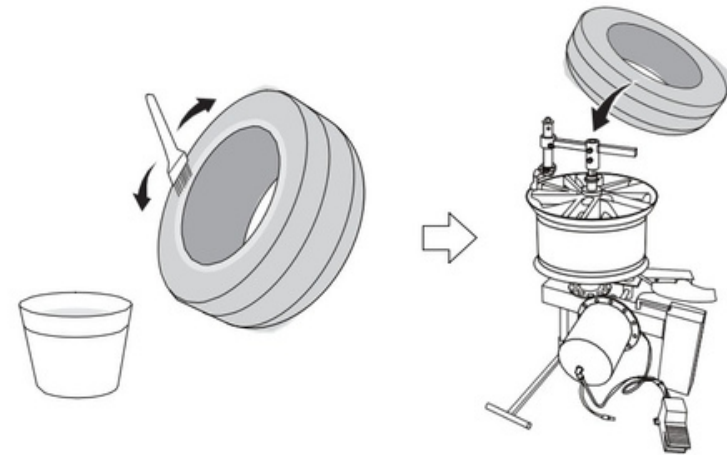
Remove the lower tire bead as shown in the diagram. Use the tire pry bar (Figure 1) to insert it above the bird head, lift the lower tire bead, and adjust the shovel arm and the frame with the large air cylinder to the maximum position (as shown in Figure A). Insert the push bar and press the foot pedal switch.

*Note: Be sure to hold the tire pry bar firmly during operation.





INTSTALL TIRE PROCEDURE



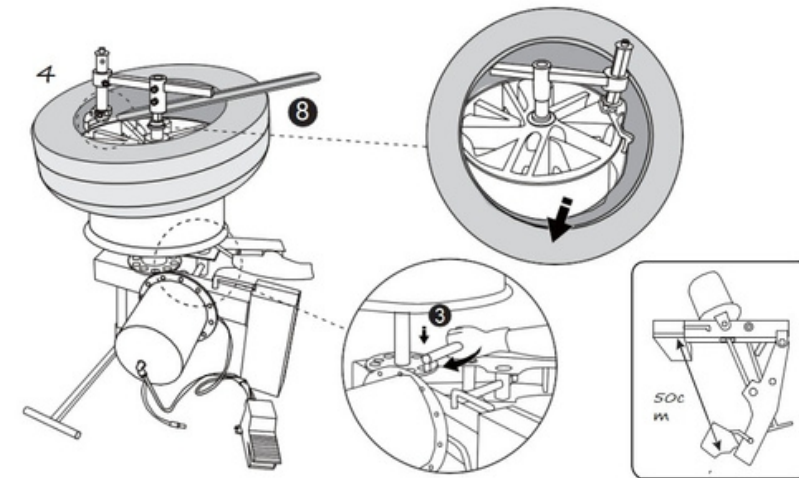
01

A. First, release the air from the tire by deflating it through the tire valve core.

B.

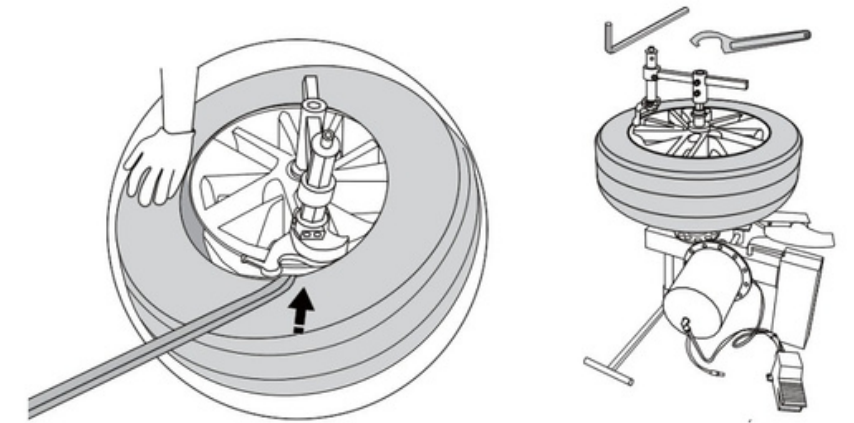
① Push the tire into the bead breaker arm.

② Step on the foot pedal to activate the large cylinder, which pulls the bead breaker arm. The small shovel on the large bead breaker arm will then loosen the tire from the wheel hub.



02

Insert the tire, select the corresponding cone to embed, install the large nut, and use the crescent locking wrench (14) to secure the tire.

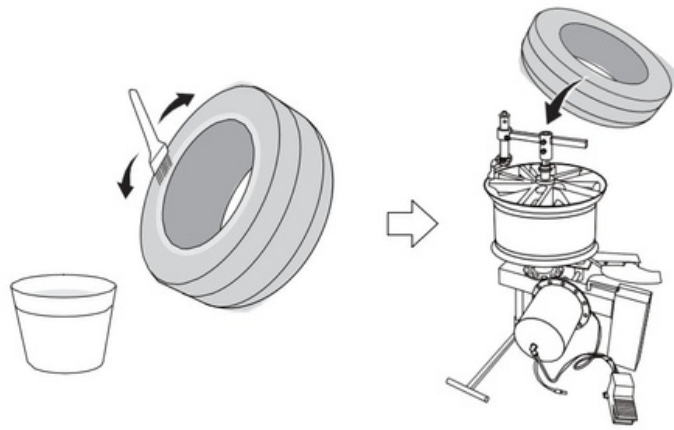


03

Install the wheel assembly (1), adjust the bird head according to the size of the wheel, and use the hex wrench (13) to tighten and secure it.

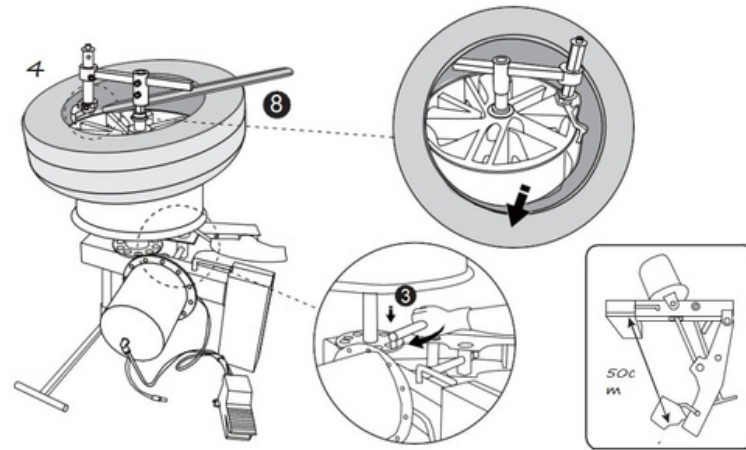


INTSTALL TIRE PROCEDURE



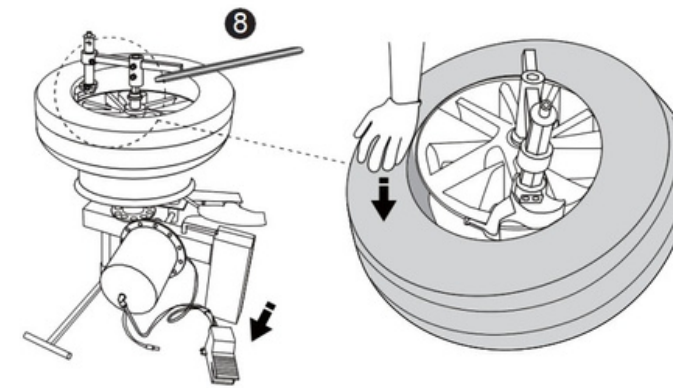
01

Before installing the tire, apply lubricant to the tire bead, then place it in the hub position of the machine.



02

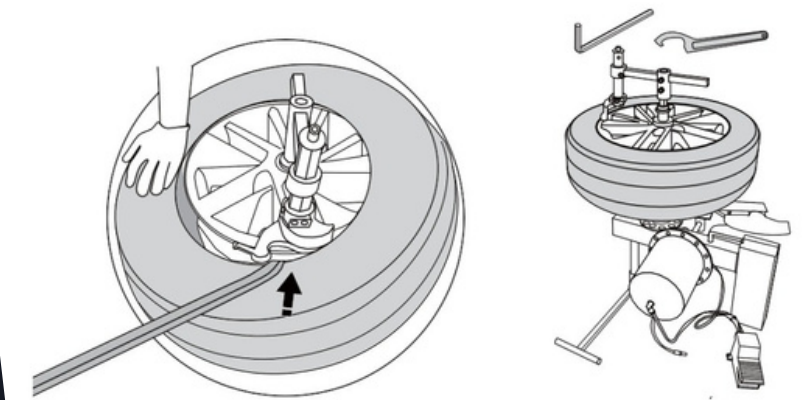
Press the tire bead against the duck head, and push down the tire on the opposite side of the duck head at a 40-degree angle. Adjust the bead breaker arm and the large cylinder bracket to the maximum position (as shown in Figure 3), then insert the push rod.



03

Press the foot pedal to retract the large cylinder, which will cause the tire hub above to start rotating.

*Note: Be sure to hold the tire lever firmly during operation.



03

a. Press the foot pedal to retract the large cylinder, causing the tire hub above to start rotating. Repeat this operation three times to install the tire.

b. Once the installation is complete, use the hex wrench and crescent locking wrench to disassemble the wheel adjustment assembly and remove the wheel.

*Note: Be sure to hold the tire lever firmly during operation.