

Installation instructions

UNIT Street Bike Tire Changer

Thank you for purchasing our UNIT product.

In order to use this product correctly, please read this manual carefully before use.

1.Product Description

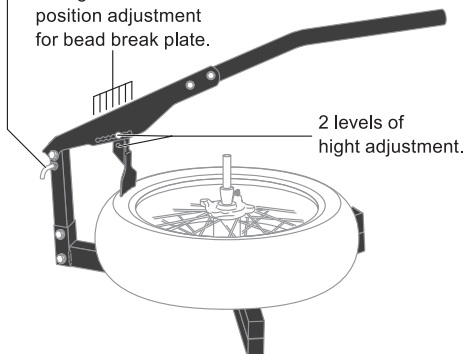
- This product is a tire changer for road/street bikes.
- Compatible wheel sizes are 16 to 19 inches. Axle diameter of 15mm or more. Tire widths from 90 to 200 can be used.
- The position of the bead break plate can be adjusted horizontally in 7 stages and vertically in 2 stages.

Example of use

A tire lever holder is provided to secure the tire lever when assembling the tire.

7 stages of horizontal position adjustment for bead break plate.

2 levels of height adjustment.



- This product can be used in combination with the UNIT Portable Changer (UN-E1250), which allows you to work while standing.

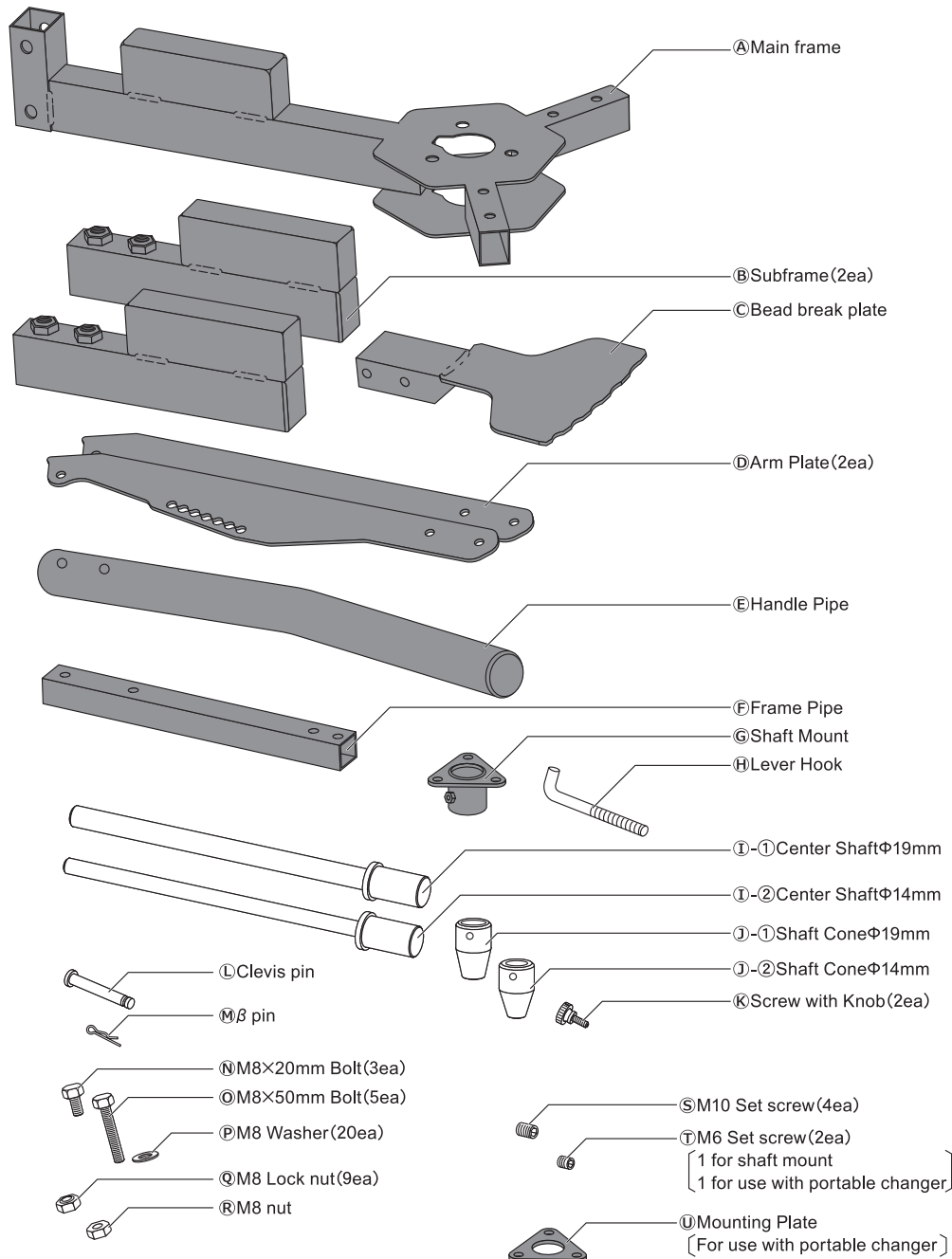
Example of use in combination with a portable changer



2.Important notes

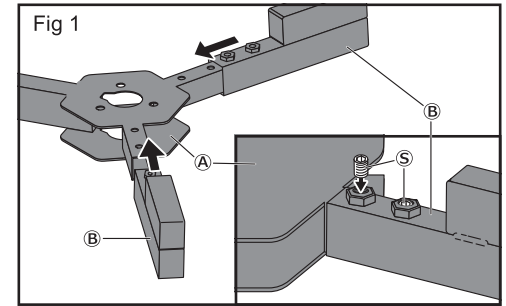
- Do not process or modify the product. It may cause an accident or damage.
- Bead breaking should be done while pushing down the tire on the opposite side of the bead break plate. If you do not do so, the shaft may get bent.
- The bead may not be able to be dropped even within the compatible size depending on the tire brand or the rim. Please be aware of this.
- Not for use with single sided swingarm.

3.Set contents

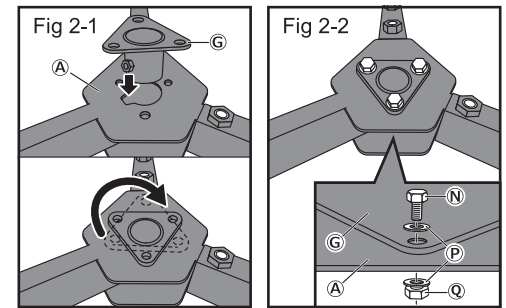


4.How to assemble

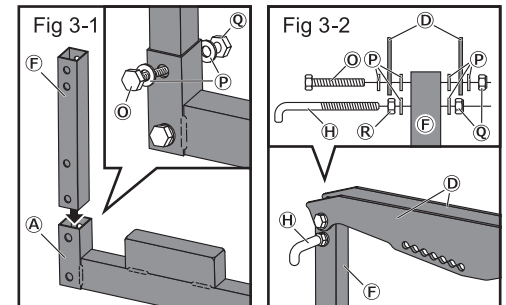
1) Insert the B subframes into the A main frame, and secure with S M10 set screws (Fig 1).



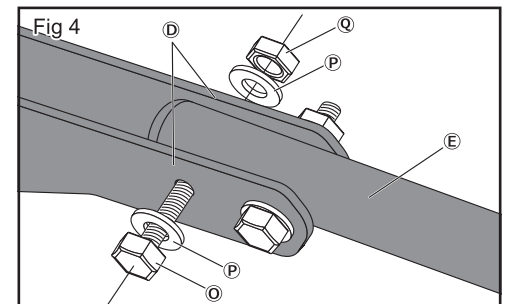
2) Attach the G shaft mount to the center of the A main frame. At first, insert the G shaft mount while aligning the notches on top of A main frame, and after inserting it halfway, turn it 180° horizontally and insert it all the way to the end (Fig 2-1). Secure with N M8 x 20mm bolts, P M8 washers, and Q M8 locknuts (Fig 2-2).



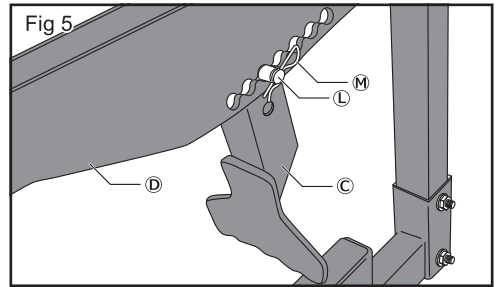
3) Insert the F frame pipe into the A main frame and secure with O M8x50mm bolts, P M8 washers and Q M8 locknuts (Fig 3-1). Attach the D arm plates and H lever hook to the upper part of the F frame pipe referring to Fig 3-2.



4) Attach the E handle pipe between the D arm plates with O M8x50mm bolts, P M8 washers and Q M8 locknuts as shown in Fig 4.

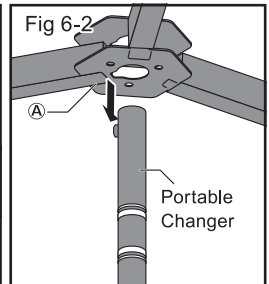
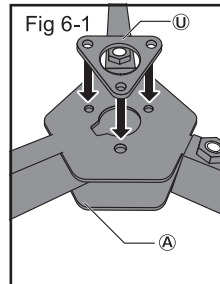


- 5) Secure the ③bead break plate between the ④ arm plate with the ⑤clevis pin, and attach the ⑥β pin as a retainer (Fig 5) . Adjust the mounting position according to the size of the tire from 7 stages of horizontal position and 2 stages in the height.



5.How to combine with portable changer

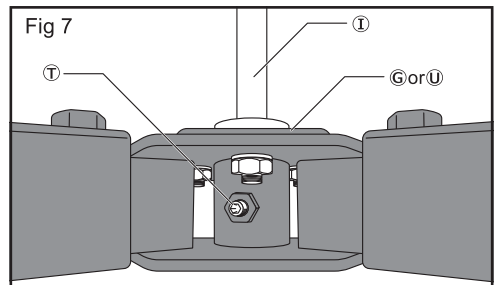
Remove the ⑥shaft mount and replace it with the ⑦mount plate (Fig 6-1) , and secure with the ⑧ M8×20mm bolt, ⑨M8 washer, and ⑩M8 locknut as in Fig 2-2 on P3. Remove the shaft and screw with knob from the portable changer. Align the notch on the back side of the ⑪main frame with the portable tire changer side, and insert (Fig 6-2) .



6.How to hold the wheel

- 1) Insert the center shaft (①-① or ②) , which is thinner than the wheel's axle diameter, into the ⑥shaft mount (or ⑦mount plate) , and secure it with the ⑪set screw from the side (Fig 7) .

*If you have combined it with the portable changer, rotate the ⑪main frame from the side to the position where the tool goes in, and then fix it with the ⑪ set screw.



- 2) Insert the wheel, hold the wheel with the ①- (① or②) shaft cone corresponding to the diameter of the ①-(①or②) center shaft from above, and lock it in place with the ⑫screw with knob(Fig 8) .

