



Tyre-Pro Bead Breaker User Instructions



Step 1; Remove the wheel, lay it on a flat underground. Take care of sensitive parts like ABS rings and brake rotors. Don't let dirt enter the seals and bearings.



Step 2; Assemble the spoons & levers. Push spoons 1 between rim and tyre. Lever it up and down to loosen (a possibly sticky) tyre somewhat from the rim. Repeat over an area of approx. 10 inch.



Step 3; Push spoon 1 down as far as possible and insert spoon 2 next to spoon 1 with the tip facing downward.



Step 4; Push spoon 2 as deep as possible while keeping downward pressure on spoon 1. The tip of spoon 2 should catch behind the tyre bead. You can feel it when it does.



Step 5; Take spoon 1 out again while making sure spoon 2 stays in place. Now place the fulcrum on spoon 2 as indicated in the above picture.



Step 6; Place spoon 1 in the fulcrum with the tip pointing up. Push spoon 1 carefully between the rim and the tyre. Make sure that spoon 2 stays in place. Be careful not to push spoon 1 over the rim. This could cause scratches. If spoon 1 does not slide easily between rim and spoon 2, wiggle spoon 2 up and down to create space. See (*)



Step 7; Grab the two levers with both hands and push them together while keeping pressure on the set, pushing it toward the rim.



Step 8; The bead breaker will open and push the tyre and rim apart. The tyre must be pushed over the safety hump inside the rim. If the tyre is not pushed off the first time, repeat the action two inch to the left or right.



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General Notes on the use of the Tyre-Pro tools;

- The spanners/wrenches can be used with maximum 3 lever sections. Do not extend the levers with additional sections or pipes or other means. This can damage the spanners and your motorbike.
- The easiest way of using the spanners is to take off the lever sections after breaking loose the axle nut, so the spanner can be spun around freely to loosen the axle nut completely (and with tightening vice versa), so the levers will not clash with brake calipers, plastic parts etc.
- Do not exceed the torque settings of the axle nuts as specified by the manufacturer of your motorbike. Over torqueing of the axle nuts can damage your bike. Under torqueing can cause the danger of the nuts coming loose.
- (*) Bead breaker use; take special care at step 6 above. It can sometimes be difficult to push the upper lever between lower lever and rim. This takes a certain move; push the upper lever forcefully down and then in. Not forward towards the center of the rim, this could cause the spoon to shoot over the edge and scratch the rim. Practice the use of the bead breaker.
- Tyre spoon use; the spoons are made 7075 T6 Aluminium and are considerably less damaging to your rims than steel levers but they still can cause scratches. Therefore the use of rim protectors is recommended when removing a tyre from the rim and reinstalling it.
- The tyre spoons can be used with maximum 3 lever sections. Do not extend the levers with additional sections or pipes or other means. This can damage the spoons and tyre or rim.
- The Tyre-Pro set provides relatively long tyre spoon levers for removing and reinstalling a tyre from and back on a rim. Regardless this size of the levers, this requires specific techniques and skills. Using an incorrect technique may damage the tyre or bend or damage your rim or Tyre-Pro set. If user is unfamiliar with tyre removal and installation procedures it is strongly recommended to take part in workshop or check the many instruction video's on You tube. Supplier will not accept any responsibility for damages caused to users motorbike or tools due to incorrect use. This does not pertain to the warranty on the tools which covers for possible manufacturing flaws.

Maintenance.

- After use, remove the sand and mud of all parts. Regularly check the O-rings for damage. Although they are not essential to the safe operation of the tools, these are important for the convenient use of the tools. Grease the O-rings occasionally sparsely with acid-free petrolatum, chain grease/oil or normal bearing grease. Wipe excess grease off. When the O-rings are completely dry, assembly and disassembly of the coupling will be difficult.
- Replacement O-rings;
 - Levers: 9,25mm x 1,78mm. NBR or equivalent
 - Spoons: 10,82mm x 1,78mm. NBR or equivalent (tighter fit!)

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