

Schrader

pressure to perfection

TECHNICAL SPECIFICATION (N° 67902-700)

**NOTICE TECHNIQUE
TECHNISCHES BESCHREIBUNG**



BEADBREAKER FOR 3-PARTS EARTHMOVER RIMS WITH GREAT SIZE LATERAL CIRCLE

P/N : 65187-67 - 65187-99

*suffix 67 : pumps equipped with quick acting coupler
suffix 99 : pumps equipped with screw-on nipple*

COMPOSITION :

- 1 claw set (on-wheel tightening)
- 1 pushing spade (jack + spatula)
- 1 set of 2 binding on-head screws to be used with a BTR size-8 key (non included)
- 1 size-24 fork wrench (non included)
- 1 type "DYICI" wedge (separetely sold)
- 1 set of 2 type "CIF" wedges (separetely sold).



Paschra

TECHNICAL FEATURES :

- Binding : screws with or without heads, with balls
- Strength of pushing : 11 tons
- Movement of jack : 155 mm
- Weight of the claw : 3 kg
- Weight of the jack : 5,8 kg
- Total weight : 8,8 kg

PURPOSE :

This tool is mainly used for the dismantling of 3 pieces rims which have a height of circle higher than 2". That is the case of the 23.5 x 26.5 et 29.5 x 25 wheel. The advantage of this tool is a width of spatula of 7 cm and a length of 12 cm, which allows it to push back the wheels' heel towards the rod instead of above. This also avoids to "flex" the rod by bending it. Moreover, the spade being put in articulated biellettes, it allows to follow the movement of the spade in its movement "penetration-pushing back" of the heel. Possibility to also deal with the closed-center wheels.

It is used with a 700 bar pump either manual (P/N 67004) or hydraulic (P/N 67009).

USE :

1/ Deflate the wheel and be sure it is completely empty of air before intervene.

2/ Fix the claw set on the side of the rim by putting it as close as possible of the wheel. Firmly tight the 2 binding screws with a size-24 key. If the wheel had a "protection circle" which hamper the screws, replace this two with the 2 BTR screws with head by using a size-8 BTR key. Use an extension in order to enhance the torque



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of tightening (some BTR keys are too short).
3/ Tight by hand (without key) the screw of the inferior stop screw just to lead it at the contact of the wheel. No more.
4/ Position the spatula by driving in at most the spatula between the wheel and the side of the rim. Put down the jack so that the axles of the clamp collar enter by the best way in the bielletes.

5/  **VERY IMPORTANT:** GREASE WELL the top and the bottom of the spatula with wheel grease just to make this spatula 's sliding easier between the wheel and the tyre.

6/ Activate the pump and hold the back of the jack to come with it in its movement of revolvment when the spatula go between the tyre and the rim.



 **VERY IMPORTANT:**

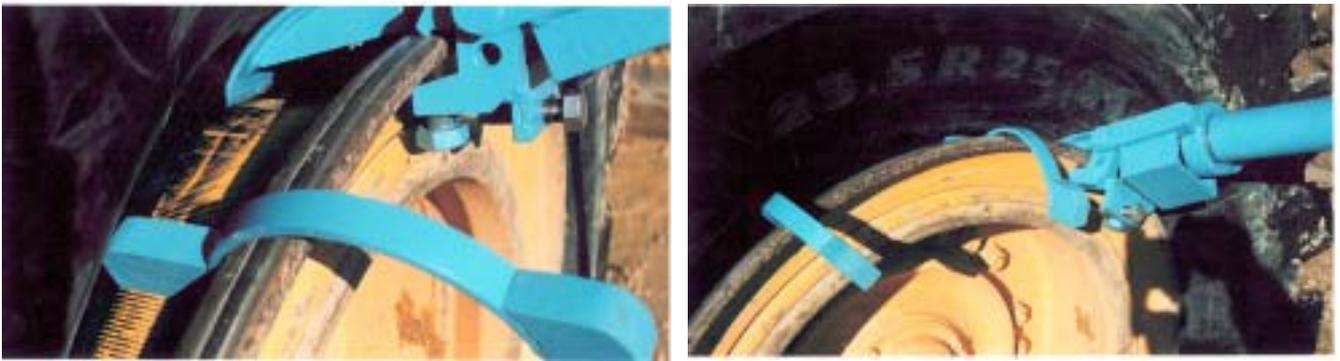
- Never stay behind the tool, always stand on the side.
- Always keep the hand on the jack for the operator be protected if the tool slips.



7/ Verify that the spatula go down right up to against the rim. Proceed by little successive strokes of pump. If the spatula begins to push away the heel of the tyre, before it arrives at the stop against the wheel, release a little the hydraulic pressure, tip up the jack to the top and put the pressure again. This is necessary to oblige the spatula to go down against the wheel before it begins to push away the heel.

8/ Continue to push away the heel with little strokes of pump.

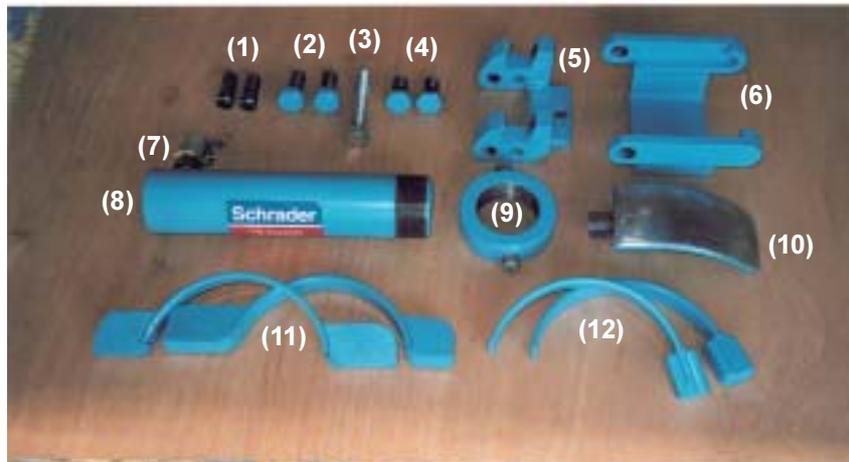
 **CAUTION:** if the heel resists, do not insist. Place a CIF wedge at each side of the tool to avoid the heel of the wheel to recover its place. Position the tool farther and start the same work again. In some cases, it must be necessary to make 2 or 3 attemps. The ideal solution would be to use 2 set of claws. Push away the heel to a place, put the type DYICI or CIF wedges, push away farther there the second claw is. Put 2 wedges again and come back at the first place without having to take down the claw.



9/ Once the heel pushed away, a simple blow of hammer on the circle allows to shift it off the locking ring. Extract this one, remove the joint of airtightness, take out the conical ring.

10/ Proceed by the same way for the outer side.

LIST OF THE SPARE PARTS :



1	65239-67	Set of 2 binding size-8 screws with 6 hollow faces
2	65232-67	Set of 2 binding size-24 head screws
3	65233-67	Stop screw
4	65238-67	Set of 2 joint screws
5	65236-67	Claw Set
6	65237-67	Biellettes set
7	67072+67076+67074	Rapid hydraulic link (suff. 67)
7	67065+67066	Screw-on hydraulic link (suff. 99)
8	65235-67	Pushing jack
9	65231-67	Collar of jack
10	65234-67	Spatula
11	65229-67	Set of 2 CIF wedges
12	65195-67	1 DIYCI wedge

MAINTENANCE :

- It is mandatory to grease well the spatula at each utilisation with tyre paste (our P/N : 5084-1).
- Lubricate thoroughly the 2 joint screws between claw set and biellettes set.
- Lubricate thoroughly the binding screws.
- Grease the back of the roundness in the biellettes, where axles of revolvment of the jack's collar will lodge.

Schrader declines all responsibility in case of material or personal damages resulting from a dangerous or incorrect utilisation of the product, from the lack of maintenance or from any purpose different to its initial one.