

COMBI bead breaker
MAXI bead breaker

NEW
style



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NEW DESIGN
sequence valve



OLD DESIGN
sequence valve



NEW DESIGN
jaw locking pin

NEW DESIGNS & INNOVATIONS

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MODEL 10101 & 10102

ESCO

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REDESIGNED SEQUENCE VALVE - Adjustable and Longer Lasting...

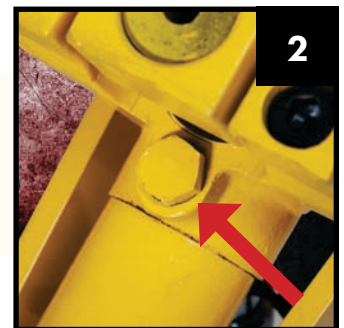
The "Sequence Valve Screw" has been redesigned to better aid in both usability and eliminating potential issues while the product is in use on the Wheel Assembly (1).

- ▶ **PROBLEM:** The Old Design Nut (2) would get damaged during the use of the tool. This damage would then make it difficult to service the bead breaker and/or adjust the sequencing of the bead breaker, eventually putting the bead breaker "out of service".

In addition to damaging the sequence screw over time, the spring inside of the bead breaker loses strength and clamping force weakens, resulting in the need to replace the spring or "shim" the spring with a washer, which is NOT recommended. This may also result in leaking of the valve body.

- ▶ **SOLUTION:** ESCO has redesigned the Sequence Valve Screw to a recessed adjustable set screw (1) that not only keeps the screw completely out of the way during the use of the tool but, also makes it a much more convenient solution for "adjusting" the sequence of the bead breaker while out in the field*.

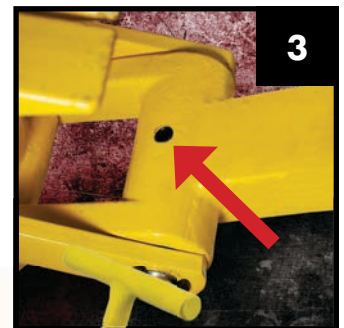
***NOTE:** It is possible to OVER TORQUE the Set Screw. This will result in damaging the tool or even the wheel assembly. Mark where you started with the set screw and adjust in "quarter turns" ONLY.



LOCK JAW PIN "SET SCREW" - More Control & Better Bites

ESCO has redesigned the "JAW" to create a much stronger and stabilized gripping of tool onto wheel assembly (3).

- ▶ **PROBLEM:** The jaw of the bead breaker, due to its design, has some "give" allowing for it to move from side to side. This then will cause the bead breaker to grab onto the wheel assembly at an angle, causing potential scarring of the internal rams that operate the bead breaker.
- ▶ **SOLUTION:** ESCO has added an additional "set screw" (3) that clamps the jaw onto the pin centrally so that there is no movement on the jaw. This in turn will keep the bead breaker aligned straight, aiding in removing a potential for damage to the unit, giving a more precise grasp onto the wheel assembly.



PRO SERIES WARRANTY

all esco professional
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