

COATS® Leverless Power Duckhead Bead Lifter - Tips

- 1. Leverless Power Duckhead Positioning** – Make sure to tighten swing arm adjustment screw until it contacts swing arm.
- 2. Bead Lubing** – Slightly lower leverless tool hook to push tire bead away from rim to assist in lubing rim and tire.
- 3. Valve Stem/TPMS Sensor Positioning** – When de-mounting tire position valve stem/TPMS sensor near the back edge of mount/demount Duckhead.
- 4. Lowering Leverless Tool** – Lubricate underside of leverless tool to help it slide between tire bead and rim. Move bead into the drop center opposite tool and **pull leverless arm towards rim** as you lower leverless tool. (Arm will have a tendency to pull away from rim.) **If necessary, rotate wheel counter-clockwise when lowering tool** to help tool move under bead. Be sure to stop rotation before valve stem/TPMS sensor reaches tool.
- 5. Raising Leverless Tool** – Using clockwise rotation, reposition valve stem/TPMS sensor at back of Duckhead and stop rotation. Using Robo Arm push tire bead into rim drop center opposite mount/demount Duckhead. Raise leverless tool. Remove Robo Arm. **Do NOT rotate tire counterclockwise after bead is raised with tool hook.**



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6. **Removing Top Bead** – Rotate clockwise to remove top bead.



7. **Removing Bottom Bead** – Reposition valve stem/TPMS sensor. Lower the leverless tool. While holding tire bead opposite mount/demount in drop center, lift tire to hook bead on leverless tool, push leverless tool control switch up to lift bead over rim. Rotate clockwise to remove bottom bead.



8. **Bead Lubing** – Lubricate both beads prior to mounting.



9. **Valve Stem/TPMS Sensor Positioning** – When mounting top and bottom beads, position valve stem/TPMS sensor **just in front of where the bead crosses rim** (between 5 o'clock and 7 o'clock position).



10. **Mounting Bottom Bead** – Position valve stem at cross point. Be sure bead is over the tail of duckhead. Rotate in clockwise direction.



11. **Mounting Top Bead** – Reposition valve stem/TPMS sensor at cross point. Be sure bead is over tail of duckhead. Lower the leverless tool slightly to apply pressure on tire bead and use the Robo-arm on difficult tires to hold bead in drop center. Rotate clockwise to mount top bead.

