DE-MOUNTING RUN FLAT TIRE WITH VALVE SENSOR

NOTE: SENSOR IS LOCATED AT THE VALVE OF THE TIRE

- Remove the valve core and let all air exhaust from the tire.
- Note: if necessary remove the valve hold down nut and let the sensor fall inside the tire.
- Enter the rim diameter.
- Use the tire lift to load the tire onto the turntable.
- Use the locking pistol to secure the rim to the turntable, then check it to ensure it is clamped properly.
- Position the sensor at 3 o'clock.
- Lower the top bead breaker and apply pressure to the bead.
- Push and hold the bead breaking button.
- Lower the bead breaker until the bead is broken.
- Rotate the sensor until at 11 o'clock and lube the bead.
- Move the top bead breaker up and out of the way.
- Raise the bottom bead breaker and apply pressure to the bottom bead.
- Push and hold the bead breaking button.
- Rotate the tire and raise the bead breaker until the bead is broken.
- Lube the bottom bead.
- Lower the bottom bead breaker.
- Select the de-mount finger and move it to the fully extended position.
- Lower the de-mount finger approximately 3 inches below the top edge of the rim.
- Rotate the tire and extend the finger until the bead is hooked (sensor rotation from 3 to 11 o'clock).
- Position the sensor to the 11 o'clock.
- Stop the tire and raise the finger until the reference line can be seen.
- Note: insert a bead clamp, if necessary, 180 degrees from the sensor.
- push and hold the right finger recoil button and do not release it until the top bead has been removed.
- Rotate the tire and slowly raise the de-mount finger until the bead has been removed.
- Raise the bead lifting arm until the de-mount finger releases the top bead.
- Select the mounting finger and position it at the bottom bead.
- Raise the mounting finger and hook the bottom bead (note: this may require some assistance by the operator).
- Position the sensor at 12 o'clock.
- Position the mounting finger between the top edge of the rim and the bottom bead of the tire.
- Lower the bead lifting arm.
- Raise the bottom bead breaker while rotating the tire until the bottom bead is removed.
- Lower the bottom bead breaker arm.

MOUNTING RUN FLAT TIRE WITH VALVE SENSOR

- Reinstall the valve sensor (if removed).
- Lube both beads of the tire.
- Position the sensor to the 5 or 6 o'clock position.
- Position the mounting finger at the top edge of the rim (reference line).
- Position the tire on a 45 degree angle.
- Twist the tire so that it contacts the mounting finger and is started onto the rim (note: sometimes it is necessary to use a bead clamp).
- Rotate the tire until the bottom bead is mounted (remove the bead clamp if used).
- Lower and remove the mounting finger from the bottom bead.
- Raise the bead lifting arm to angle the tire towards the mounting finger.
- Lower the mounting finger and position it to mount the top bead (see "Artiglio Master" paper).
- Lower the bead lifting arm.
- Position the sensor to the 4 or 5 o'clock.
- Lower the top bead breaker to allow a bead clamp to be inserted at 3 o'clock.
- Rotate the tire slightly to allow room for the top bead breaker roller.
- Lower the roller 2 or 3 inches to keep the top bead of the tire in the drop center as the tire rotates.
- Rotate the tire and make adjustments as needed until the top bead has been mounted.
- Raise and remove the mounting finger.
- Remove the bead clamp.
- Move the bead breaker arm up and out of the way.
- Connect the air chuck and seat the beads.
- Remove the tire from the machine.
- Place the tire in a inflation cage and inflate it to the correct air pressure.

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UPT - Cod.462841 - 04/02.