

2D



Tire Removal and Installation

Refer to [Front Wheel Assembly Removal and Installation](#).

Refer to [Rear Sprocket Mounting Drum Assembly Removal and Installation](#).

NOTICE:

For removal and installation procedure of tire onto the wheel, follow the instructions given by the tire changer manufacturer.

Removal

The most critical factor of a tubeless tire is the seal between the wheel rim and the tire bead. For this reason, it is recommended to use a tire changer that can satisfy this sealing requirement and can make the operation efficient as well as functional.

NOTE:

When replacing the tire with a new one, the tire mark (1) should be aligned with the valve position. However, when removing the tire in case of repair or inspection, mark the tire with a chalk to indicate the tire position relative to the valve position. Even though the tire is refitted to the original position after repairing puncture, the tire may have to be balanced again since such a repair can cause imbalance.



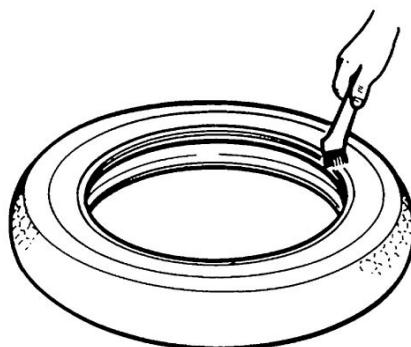
Installation

[Reference: Wheel Rim / Air Valve Inspection and Cleaning](#)

NOTICE:

- Do not use oil, grease or gasoline on the tire bead in place of tire lubricant.
- Do not reuse the air valve which has been once removed.

1) Apply tire lubricant to the tire bead.

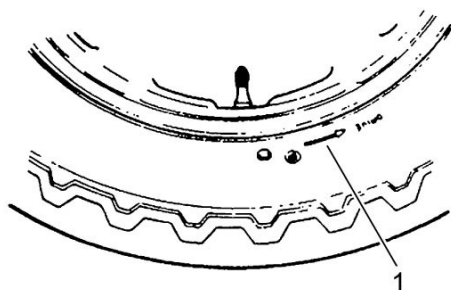




- 2) Install the tire aligning the arrow (1) on the side wall with the direction of the wheel rotation.

NOTE:

Align the chalk mark put on the tire at the time of removal with the valve position.



- 3) Bounce the tire several times while rotating. This makes the tire bead expand outward to contact the wheel, thereby facilitating air inflation.
- 4) Inflate the tire.

⚠ WARNING:

- **Do not inflate the tire to more than 400 kPa (4.0 kgf/cm², 57 psi). If inflated beyond this limit, the tire can burst and possibly cause injury. Do not stand directly over the tire while inflating.**
- **In the case of preset pressure air inflator, pay special care for the set pressure adjustment.**

- 5) In this condition, check the "rim line" (1) cast on the tire side walls. The line must be equidistant from the wheel rim all around.
- 6) If the distance between the rim line (1) and wheel rim varies, this indicates that the bead is not properly seated. If this is the case, deflate the tire completely and unseat the bead for both sides. Coat the bead with lubricant and fit the tire again.



- 7) When the bead has been fitted properly, install the valve core and adjust the pressure to specification.
- 8) As necessary, adjust the tire balance.