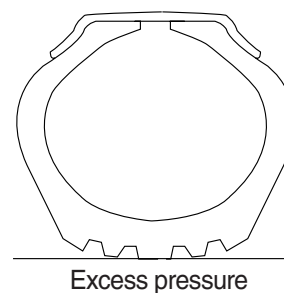
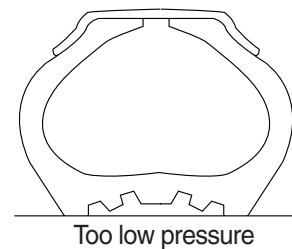
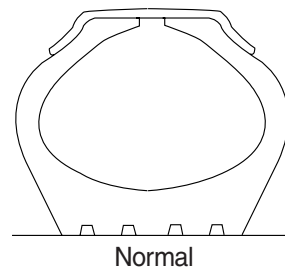


15. TIRES AND WHEELS

1) TIRE PRESSURE

- (1) Inappropriate tire pressure is a primary cause for tire damage. Insufficient tire pressure will damage internal carcass of tire. Repeated excessive bending will damage or break the carcass. Excessive pressure will also cause premature damage of tire.
 - (2) Recommended tire pressure : Refer to page 5-1.
(When tire is cooled)
 - (3) Continuous operation will produce heat and increase pressure on tire. But such phenomenon was already taken into account when designing a tire. Do not try to remove normally increased air because tires may be crushed or overinflated.
 - (4) The three major causes for excessive heat and pressure of tire are insufficient pressure, excessive load and overspeed. Avoid excessive load and overspeed in order to keep tires in good shape.
- ▲ Do not inflate tires using flammable gases or alcohol injector.
 - ▲ This cause explosion or personal injury.
Inflate tires at the pressure level recommended by the manufacturer, and check periodically pressure and wear of tires.
 - ▲ When replacing the inflated tire, do not stand near the tire.
 - ※ Check the tire when the tire is at normal temperature and the machine is not loaded.
 - ▲ Do not use recycled wheel parts.
 - ▲ When removing lockering or inflating tire, use safety cable or chain to ensure safety.
Be sure to bleed air before removing lockering.
Never inflate tires unless the lockering is assembled in its place.
 - ※ Avoid the followings when traveling.
 - ① Rubbing tires against road bank or rack at cargo-unloading spot.
 - ② Tires slippage during working.
 - ③ Abrupt starting of machine.
 - ④ When oil, grease or gasoline smeared on tire, clean those. Otherwise it may cause of permanent deformation.



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2) REPLACEMENT OF TIRE

- ⚠ **Disassembly, reassembly, replacement and repair of tire requires special skills and equipment. Contact a tire repair shop.**

The correct torques are shown as below.

- Front / Rear : 79 kgf·m (570 lbf·ft)

3) STORING TIRES AFTER REMOVAL

As a basic rule, store the tires in a warehouse which unauthorized persons cannot enter. If the tire are stored outside, always erect a fence around the tires and put up "No Entry" and other warning signs that even young children can understand.

Stand the tire on level ground, and block it securely so that it cannot roll or fall over.

If the tire should fall over, get out of the way quickly. The tires for construction equipment are extremely heavy, so trying to hold the tire may lead to serious injury.

