

# TIRE INFORMATION SERVICE BULLETIN

## FORESTRY-TYPE EQUIPMENT FITTED WITH .5 INCH SINGLE PIECE, 15° TAPER DROP CENTER RIM/WHEELS

Certain forestry-type equipment, tractors, implements and trailers in North America are equipped with 15.5, 17.5, 26.5 and 30.5 inch single piece 15° taper drop center rim/wheels.

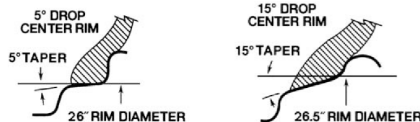
Any attempt to mount and inflate a tire of one bead diameter on a rim of a different diameter may cause one of the tire beads to break, possibly resulting in serious physical injury or even death.

### **WARNING**

There is danger in installing a tire of one rim diameter on a rim of a different rim diameter. ALWAYS install a tire with a nominal bead diameter that exactly matches the rim diameter on which the tire is to be installed.

For example: a 26" tire goes on a 26" rim. NEVER mount a 26" size diameter tire on a 26.5" rim. While it is possible to pass a 26" diameter tire over the lip or flange of a 26.5" size diameter rim, it cannot be inflated enough to position itself against the rim flange. If an attempt is made to seat the tire bead by inflating, the tire bead will break with explosive force and could cause serious injury or death.

Rims of different diameters and tapers cannot be interchanged. The following diagram illustrates the difference between rims of two different tapers and diameters:



The following diagram shows how the beads of a 26" tire will not seat on a 26.5" rim. The beads cannot be forced out against the rim flanges by using more air pressure, because this will break the beads and the tire will explode with sufficient force to cause serious injury or death.



Certain 26" rims have a hump near the end of the taper (close to the rim flange). For hump type rims use special care in lubricating the beads and rim. If both beads are not properly seated when the pressure reaches 40 psi, completely deflate the assembly, reposition the tire on the rim, relubricate and reinflate following the manufacturer's recommendations.

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