

Tire Policy

Tires



BRIDGESTONE

M853
11R22.5
STEER



bandag

TR4.1
11R22.5
TRAILER (FRAC TANK)



bandag

B799
11R22.5
DRIVE (WINCH TRUCK)



bandag

11R22.5
DRIVE (WINCH TRUCK)

Tire Specifications

Matching Instructions

- All tires replaced on road should be removed and mated on axles with others of similar tread depth.
- Never match a standard tire size with a low profile tire, or differing rim sizes.
- Match casing brands when possible.

Inflation Instructions

- Air pressure should be checked at cold temperatures. Never reduce air in a hot tire.
- All tires should have air pressure checks on a regular basis by a calibrated air gage.
- Valve stems should be changed with all replacement tires.
- Flow-Thru valve caps installed at time of inflation.
- Inflation pressure for duals must have no more than a 5 PSI difference. Anything greater than 5 PSI can cause less than optimal performance.

Tire Mounting

- Follow all applicable OSHA and RMA safety procedures.
- Proper mounting procedures must be followed or sudden tire failure, personal injury and death may result.
- Tire mounting must be done only by personnel trained, supervised and equipped according to OSHA regulations and RMA recommendations.
- Use only double seal flow through valve caps.
- Match-mount, following Bridgestone poster procedures.
- On dual assemblies, regardless of tire dots, install tires on axles with valve stems approximately 180 degrees apart.
- A torque wrench will be used when installing tires – follow manufacturers spec for ft/lbs.
- Required torque will be 475 PSI - PSI ft/lbs.
- Always use personal protective equipment (PPE) including Eye Safety Protection, Gloves, Back Supporters etc. Safe work practices must always be followed. Refer to the TMC Recommended Maintenance Practices Manual for additional information.
- Mount wheel with best appearance to outside of dual assembly.
- On stud pilot wheels, ensure ball-seats and flange surfaces of nuts are clean, dry and free of all oil or other lubricants.
- On hub-piloted systems only, lubricate studs with 2-3 drops of SAE 30 motor oil, and apply 2-3 drops of SAE 30 motor oil between the hardened flange and nut body, making sure the nut turns freely on the washer.
- Torque hub-piloted flange nuts to 475 - ft/lbs.
- Torque ball seat cap nuts to 475 - ft/lbs if studs lubricated and {input_number} - ft/lbs if studs dry.

Retread

Casing Instructions - General

- All casings should be inspected by a Bandag or Dealer representative.
- Duals must be matched by casing brand, size and inflation.
- Difference in diameter between duals and between axles should not exceed 4/32
- Shearography inspection required for all casings with the Bandag 7450 Insight.

