

TIRE AND TUBE INSTALLATION CHECKLIST

Torques are minimum recommended in absence of manufacturer specifications.

Check-off items done to specification. Mark items with "NA" when not applicable, or "X" when problems could not be repaired and/or are in need of further attention.
Preparations

Wheel Removal

- Wheel inspected for improper mounting before removal.
- Wheel is removed.

Tire Inspection (only in case of new tube to be installed with old tire)

- Inflated tire inspected for bulges or distortions that indicate cord damage.
- Inflated tire inspected for mounting problems.
- Tread inspected for wear.
- Tread and side walls inspected for age deterioration.
- Tread inspected for cuts through to the cords.
- Tire inspected inside and out for glass, thorns, etc..
- Tire inspected inside for cord damage.
- Tire beads inspected for damage in case of tube failure by blowout.

Rim Strip Inspection

- Rim strip inspected for damage.
- Rim strip inspected for adequate width to cover spoke nipples or nipple holes.
- Rim strip inspected for excess width interfering with tire seating.
- Rim strip inspected for proper placement.

Tire Installation

- Tires with directional treads are installed with the arrows pointing in the direction of wheel rotation. All other tires installed with the labels on the wheel's right side.

- Tire installed with the pressure rating located adjacent to the valve.
- Valve aligned.
- Tire inflated to within 2 psi of recommended pressure.
- Installed tire inspected for proper seating.
- Valve core inspected for leaks and tightened if necessary.
- Valve cap installed.

Wheel Installation

- Wheel installed centered in frame/fork.
- Brakes are inspected for proper centering to rim (adjustments may be an additional charge).
- Brake pads are inspected for interference with the tire (adjustments may be an additional charge).
- Axle nuts secured (front 180in-lbs, rear 240in-lbs).
- Wheels with quick release axles inspected for unsafe axle length (axles must not protrude past the face of the dropout).
- Quick-release cams lubricated.
- Quick release adjusted so that force is required through the last 90 degrees of closure and closed until base of lever is parallel to dropout.

MECHANIC'S SIGNATURE _____

DATE _____