GENERAL SERVICE MAINTENANCE

1. **Tires**
    1. Check daily for cuts, bulges, unusual wear, objects between and embedded in tires.
    2. Check inflation regularly; refer to inflation pressure rating on side of tires.

2. **Rims**
    1. Inspect lug nuts daily.
    2. Re-torque after first 50-100 miles of service.
    3. Check for rim slippage.
    4. Periodically check wheel torque.

3. **Hub Oil Level**
    1. Check frequently – every 1000 miles.
    2. Use SAE 80/90 or better for your application to replace or top up.
    3. Change every 100,000 miles or once a year.
    4. Service leaking seals immediately.
    5. For more information refer to wheel bearing section of Trailer Axles.

4. **Suspension**
    1. Inspect daily, looking for broken or cracked leafs, loose or missing bolts and general condition.
    2. Regularly check for worn bushings, loose parts, cracked welds, etc…
    3. For air rides and lift suspensions, check condition of bags and shocks. Replace when needed.
    4. For more information refer to suspension section.

5. **Brake Chambers**
    1. Frequent visual inspections are necessary. If a problem is sighted follow safety instructions in Brake Chamber section. Improper service or repair could cause severe injury or death.

6. **Automatic Slack Adjusters**
    1. Pre-trip inspections must include checking the movement of push rods with rods with slacks on each axle. With brakes applied, the angle of the push rod to the center line of slack and to the mounting face of brake chamber must be 90 degrees + -5 degrees.

7. **Air Tanks**
    1. Drain tanks daily to prevent buildup of moisture and contamination.
    2. Refer to Pneumatic section for more information.

8. **Glad Hands**
    1. Keep clean. Check screen and rubber seal frequently.
    2. When not in use if possible, cover with dummy glad hands.

9. **Trailer Frame and Body**
    1. After the first month and every 6 months thereafter inspect the trailer frame for cracks in structure and welds.
    2. Check for anything loose throughout the trailer.
    3. Check suspension welding and bolt torque, referring to proper section for ratings.
    4. Examine the king pin and end plate for unacceptable wear and tear.
    5. All welding repairs must be done by competent welders to manufacturers specifications.

10. **Electrical**
    1. Check lights daily, replace as needed using equivalent or better replacement.

11. **General Inspection**
    1. Inspect complete trailer (all systems) every six months.

12. **Drain Holes in Fifth Wheel Plate**
    1. Grease and dirt must be cleaned from all drain holes in fifth wheel plate. This check and service must be done weekly to prevent the plate from deteriorating due to build-up of water and other material trapped on top of coupler plate.

13. **Turntable**
    1. All screw connections are to be inspected at regular intervals for tightness and tightened if necessary.

ATTENTION - Maintain Originally Specified Tire Sizes

Titan Trailers recommends that the originally specified tire sizes always be used on your Titan trailer. Refer to your "Trailer Specification Sheet" provided in this manual for these specifications.

Changing the tire size will affect the suspension ride height range. This could result in clearance issues, especially when steering.

Please Note: Warranty will be voided for issues arising from the installation and use of the improper tire sizes.