



2010 43QGP Allegro Bus

3/22/2013

83 – B - FYI – REASONS TO CLEAN YOUR RV'S TAG WHEELS AND TIRES. To begin the tag axle wheel removal I start by PUTTING ON MY SAFETY GLASSES, then loosen the lug nuts with the weight of the coach on the wheels otherwise the wheel will spin as I attempt to remove the lug nuts. After the lug nuts have been loosened the tag axle is jacked up using a 20 ton air over hydraulic jack raised just high enough to allow removal of the wheel and tire.



The next step is to SAFELY remove the brake drum so it can be cleaned and painted. The drum weights over 100 pounds and is very awkward to handle, I find it is best for me to use one of my creepers with a couple of wood blocks laid on top of the creeper. The creeper is slid under the brake drum the drum is slid off of the axle onto the creeper. The creeper can be rolled outside which allows me to clean the brake drum before painting it. The next dirty step is the cleaning of the brake foundation and brake shoes. This is a dirty job and it is easy to get injured if not careful. I always wear a

mask to protect my lungs from brake dust. I always wear safety glasses when working outside the coach even when just washing it.



The brake drum is back in place after being cleaned and painted. The painting is to prevent as much rust as possible from being flung onto the wheels where the rust stain can be seen if it gets on the outside of the aluminum wheel hub.



The tag axle wheels and tires have been cleaned the method of cleaning is this:

1. The wheels and tires are scrubbed with a de-greasing solution.
2. 303 Protectant is applied until the 303 stops soaking into the rubber.
3. The tires are cleaned of any paint, tar or road debris with a rotary wire brush.
4. The wheel is cleaned with Acetone to remove everything down to the paint or down to the aluminum which ever applies.
5. The brake foundations are cleaned the brake shoes are cleaned the brake drum is cleaned and painted.
6. The four tag axle Zerk fittings are greased, a dab of grease has been applied to both sides of the brakes "S" cam.
7. The lug nuts have been cleaned of rust sprayed with dry silicon to prevent the reoccurrence of rust, next the wheels are reinstalled. The Tru-balance centering tool is used to center the wheel, the lug nuts are snugged the jack is lowered then the lug nuts are torqued.