



# TIRE WEAR CHECKLIST

**Use the following checklist to determine if you're experiencing premature tire wear:**

1. What amount of load are you carrying in the trailer, and do you have the air pressure in the tires matched to that load, based on the tire manufacturer's load recommendations? (the inflation data to trailer loading information is available on the internet at the tire manufacturer's website)
2. Make sure the axle alignment is correctly set.
3. Make sure all of the suspension bolts are properly torqued.
4. Make sure the ride height valve is set correctly. Improper ride height adjustment can alter the camber of the axle and will cause them to scrub.
5. Make sure the wheel end adjustment is properly set; this should be checked per the maintenance schedule at least once a year or at least every 100,000 miles.
6. Make sure all tires are the same brand and size. Any mismatch of size and brand can cause differences in overall diameter, which will cause abnormal wear patterns.
7. Check the suspension bushings for abnormal wear.
8. Check the suspension hangers for plumb.
9. Check the axle-to-trailing arm connection to make sure both arms have identical clocking side-to-side.
10. Check the suspension sub-frame and the suspension for structural damage.
11. Check axle camber and toe.

**Additional steps if the trailer is running a PSI system:**

1. Is the system pressure for the PSI system set at the correct value based on the load on the trailer and the recommended tire pressure for that loading?
2. Has bi-annual resetting of the tire pressure been done? Per the system recommendations, at least twice a year you should let enough pressure out of all of the tires to get them below the set point of the PSI system, and then let the system bring all of the tires back up to pressure. This is how be sure all tires have the same amount of tire pressure.