



Customer Service Bulletin Commercial Business Group

Workman® 4000 Series

Date: May 15, 2003

<u>Model/Serial Range:</u>	<u>Model Numbers:</u>	<u>Serial Numbers:</u>
	07217	2200000101-230099999
	07218	2200000101-230099999

Subject: Noisy Front End.

Workman 4000 Series 4WD Vehicles may exhibit objectionable continuous gear noise from the front differential. The diameter of the rear tires may be too small and can cause the bi-directional clutch to remain engaged full time. This situation can be amplified when the vehicle is equipped with a cab and/or front mounted 1/3 accessories that can create additional forward vehicle weight distribution. This issue applies only to units with original factory installed front and rear tires.

To verify whether the rolling diameter is the cause of this noise, perform the following evaluation:

1. Inflate all tires to 18-20 psi. (1.2 – 1.4 bar) Park the unit on a hard surface and place a mark (with adhesive tape or chalk) on the sidewall of the rear tire where it contacts the ground (the 6 o'clock position).
2. Place a mark on the ground corresponding to the mark made on the tire, create another mark on the floor 70" (177.8 cm) ahead of the original mark on the ground, or lay a tape measure on the ground for that distance.
3. Drive or push the vehicle forward until the marked rear tire completes one full rotation. The mark on the tire sidewall should be equal or be beyond the forward mark (70" or 177.8 cm) on the ground after one full rear tire rotation.
4. If the mark on the tire measures anything less than 70" (177.8 cm) when in the 6 o'clock position after one full rotation, the rear tires should be replaced with Turf Trak Tires (87-6740).

The Turf Trak Tire (87-6740) is available through your local Toro Commercial Products Distributor. Contact your Distributor for further information.

