



Customer Service Bulletin Commercial Business Group

Groundsmaster® 4000-D

Model/Serial Range: **Model Number:** **Serial Numbers:**
30410 All

Subject: Wing Deck Castor Wheels Can Scuff Turf

When the Wing Decks are not aligned to the tractor, the fixed Castor wheels can scuff the ground during turning or trimming operations. This misalignment can also accelerate Castor wear. Each Wing Deck must be aligned to the front drive axle to avoid possible turf scuffing aftercut appearance. Proper alignment can be achieved by measuring the distance between 2 points on the Castor mount weldments of each Wing Deck parallel to 2 adjacent points on the front wheel rim of the tractor. Align using the following instructions:

1. Place the machine on a level hard surface remove the key from the ignition switch and set the Parking Brake.
2. Place a square or straight edge against the deck weldment that contains the Castor Fork Assembly. (p/n 104-7529) Do not use the Caster Fork Assembly itself.
3. Measure from the inset bead of the rim (not the outer edge of the rim) to the straight edge at two locations as indicated. Rim and paint irregularities make the outer edge an unreliable point of measure. These 2 measurements should be the same within a tolerance of 1/16" (1.5 mm).
4. If misalignment is detected, loosen the Nut-Jam (p/n 3220-7) on the rod-end of the Wing Deck Shock Arm Assembly. (p/n 105-2800 & 105-2801) Adjust Coupler (p/n 105-2805) to correct, which will freely rotate inside the shock absorption tube. (1.25" wrench) All adjustments must be made with the rod-end of the Shock Arm bolted to the deck.
5. Lift and lower the deck and recheck dimensions for correct alignment. Tighten Nut-Jam to 114 ft/lbs. (155 N•m) on the Shock Arm Assembly.

