

MICHELIN® X® TWEEL® TURF SMOOTH CASTER 13X6.5N6 AIRLESS RADIAL TIRE FOR ZERO TURN RADIUS MOWERS

INSTALLATION GUIDELINES



ACTION REQUIRED

Caster spacer bushings can be purchased separately to accommodate different caster fork widths and axle bolt diameters, per the chart below:

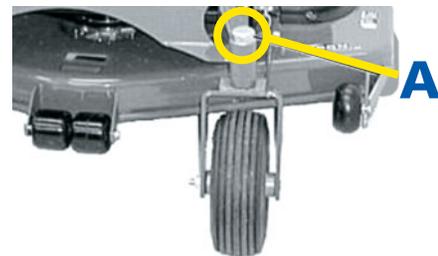
MSPN	ITEM	AXLE BOLT DIAMETER	BUSHING WIDTH	ASSEMBLY / FORK INSIDE WIDTH*	LIKELY FITMENT EXAMPLES
41011 (boxed) 36271 (bulk)		5/8"	N/A	5-3/4"	John Deere, Grasshopper, Wright, Zglide
34578		1/2"	5/16"	6-3/8"	Mean Green, Older Cub Cadet, Lesco
38182		1/2"	5/8"	7"	Scag Patriot/Cheetah, Bad Boy, Kubota, Walker
40653		1/2"	1"	7-3/4"	Toro, eXmark, Scag Tiger Cat / V-Ride
05768 (boxed) 27405 (bulk)		3/4"	N/A	5-3/4"	Hustler, Big Dog, Wright, Ferris, Cub Cadet
65019		3/4"	1"	7-3/4"	Hustler, Big Dog, Wright, Ferris, Cub Cadet
30927		1/2" – 3/4"	2-1/8"	N/A	Bearing Dust Cap for All Casters

* Forks can vary slightly and an additional washer might be required.

Adjusting Front Caster Spindle Bearing Preload

(only if front caster shimmies during travel)

1. Park machine safely.
2. Remove dust cover (A) from top of spindle.
3. Remove cotter pin.
4. Turn castle nut 1 flat clockwise.
5. Replace cotter pin.
6. Replace dust cover.
7. Test machine to determine if wheel shimmy is still present.
8. Repeat adjustment as necessary.



MICHELIN® X® TWEEL® TURF SMOOTH CASTER 13X6.5N6 AIRLESS RADIAL TIRE FOR ZERO TURN RADIUS MOWERS **FREQUENTLY ASKED QUESTIONS**

How do I decide if the caster can fit my machine?

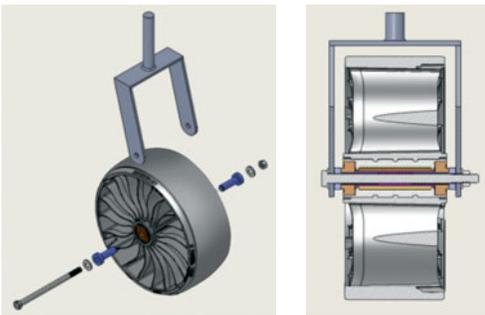
Two measurements will tell all. First measure the bolt size (1/2", 5/8" or 3/4"). Then measure the inside width of the forks (fork ID). With these two measurements and the chart of the front page of this report you can determine every fitment opportunity and requirement.

The front of the machine feels lighter. Is that to be expected?

The TWEEL® Caster is designed with the optimal balance of mass and compression in order to provide the best cutting experience. The enhanced suspension effects achieved through the engineered design provide a softer ride which can give the sensation that the machine is lighter or is "floating," in contrast to riding on a mower with semi-pneumatic tires.

How do I determine that the caster is worn out and needs to be replaced?

This is a good question because the tread depth is not the indicator. There are four small recess holes in the center of the tread to indicate ideal end of life. When these holes are no longer visible, the caster has reached the ideal end of life – the point at which comfort and cut will no longer remain in balance. Continued operation beyond that can be OK but is dependent upon the application and left to the judgment of the user (designed for 2000 hr. service with 10% asphalt/road exposure; higher % accelerates wear).



Use of Spacers (if required)