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## Front Wheel Replacement

Document Number	Model	Serial Number Range	Part Number
12-80020	520Y / 520M	All Units	53-0167

### **⚠ WARNING**

Before making repairs or adjustments set the parking brake, turn off the engine, and remove the ignition key.

Always disconnect the negative battery cable from the battery when working with electrical components. Always work in a manner that does not put safety at risk!

### **⚠ WARNING**

Safety glasses must be worn during installation. Ear (hearing) protection must be worn when using air or power tools.

**Installation Notes:** Right and left hand orientation referred to in these instructions is determined as if facing forward from the operator station.

**Installation Time (estimated)** 15 Minutes

**Tools Required:** 13/16" socket, Ratchet, Torque Wrench



### **Attention**

Tilmor recommends that service be performed by a qualified technician. If you are unsure how to perform the service procedure(s), contact Tilmor at 1-844-255-5864 or visit [www.tilmor.com](http://www.tilmor.com) for additional information.

1. Park the tractor on a level surface.
2. Engage the parking brake and shut off the engine.
3. Remove the key from the ignition switch.

### **⚠ WARNING**

Ensure that the tractor is securely supported when the wheels are lifted off of the ground. Failure to secure the tractor properly can result in personal injury or death.

4. Using a high lift jack, hoist, or other safe method lift the front of the tractor off of the ground.

5. Remove the five lug nuts (A) securing the wheel to the hub.



6. Remove the wheel from the hub.



## **⚠ Attention**

Inspect the hub wheel stud threads and the lug nuts for damage before installing the wheel.

7. To install the wheel, align the wheel mounting holes with the mounting studs.
8. Position the wheel over the studs so that the wheel is seated flush against the hub.



9. Install the lug nuts (B) (Part Number: 99-E0001) hand tight.



10. Torque the lug nuts to 100 ft-lbs (135 Nm), alternating between the bolts in a alternating pattern to ensure the wheel is tightened to the hub evenly.