

## Spacers, Adapters, and Wobble Bolts/Nuts

*DT/AT does not sell spacers, adapters, or “wobble bolts/nuts”*

These are Wobble  
Bolts/Nuts



*If a vehicle arrives with any of these items installed, inform the Store Manager or Senior Assistant before removing any other assemblies so serviceability can be determined.*



**CRITICAL  
TO SAFETY**

Provided there are at least **seven full turns** of thread engagement, spacers and adapters can be serviced/installed.

- Adapters cannot change the current bolt pattern
- Adapters cannot change the stud/bolt diameter.
- Adapters must have seven full turns of thread engagement

Provided there are at least **seven full turns** of thread engagement, wobble bolts/nuts can be serviced.

If a spacer, adapter, or wobble bolt(s)/nut(s) do not meet the requirements above and is found after removal of the first assembly, perform both of these actions before continuing:

- The assembly can be reinstalled provided there are **seven full turns** thread engagement
- The customer must be advised that with these items there is a potential for wheel detachment

### The Whys

- Seven or more turns of thread ensure an appropriate distribution of loads.
- DT/AT/DTD chooses not to sell spacers, adapters, or wobble bolts as we prefer to simplify the assembly installation.