

SPACERS, ADAPTERS, AND WOBBLE BOLTS/NUTS

PURPOSE

The purpose of this guide is to provide insights, guidelines, and Best Practices to follow when encountering **spacers, adapters, and wobble bolts/nuts** in the service process. By following this guide, you will be able to react accordingly when you find these accessories in your workflow.

SAFETY & QUALITY FIRST

Spacers, Adapters, and Wobble Bolts/Nuts

DT/AT does not sell spacers, adapters, or 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 stud adapters can be serviced/installed.**

- Stud adapters cannot change the stud/bolt diameter.
- Stud adapters must have seven full turns of thread engagement.
- Slip-on spacers must be hub-centric

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 the following 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.
- Recommend replacement wheels to achieve proper fitment and desired look.

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PURPOSE AND APPROACH																	
What are Spacers, Adapters, and Wobble Bolts/Nuts?	Spacers, adapters, and wobble bolts/nuts are accessories that are attached to the hub of a vehicle that change the effective offset of a wheel, how a wheel is held onto a vehicle, stud sizing, or the bolt pattern.																
Who is Responsible?	The Service Tech and Crew Chief perform the Removing the Assembly process and should do an inspection to identify any accessories, such as spacers, adapters, and wobble bolts/nuts ; additionally, some may have been identified during the VTV .																
Benefits	For Our Customers: - Ensures the customer leaves in the safest condition possible - Empowers them with the information they need to make the right decisions for their situation - Are recipients of Discount Tire's Integrity and Honest core values	For Our People: Reduced claims															
Tools	When working with spacers, adapters, and wobble bolts/nuts , you must use the following tools: <table border="1"> <tr> <td>Personal Protective Equipment (PPE)</td><td></td><td> PPE is needed when working in the Service Area. - Safety glasses - Gloves </td></tr> <tr> <td>Impact Gun</td><td></td><td> When Removing the Assembly one or both of these options may be available to use: - Cordless impact gun - Pneumatic impact gun </td></tr> <tr> <td>Socket</td><td></td><td>At the tool stand, choose the applicable socket.</td></tr> <tr> <td>Tire Chalk</td><td></td><td>Used to mark the lug stud when performing an aftermarket lug test fitment.</td></tr> <tr> <td>Torque Wrench</td><td></td><td>Used to tighten lug nuts/bolts to manufacturers' OE torque specifications.</td></tr> </table>		Personal Protective Equipment (PPE)		PPE is needed when working in the Service Area. - Safety glasses - Gloves	Impact Gun		When Removing the Assembly one or both of these options may be available to use: - Cordless impact gun - Pneumatic impact gun	Socket		At the tool stand, choose the applicable socket.	Tire Chalk		Used to mark the lug stud when performing an aftermarket lug test fitment.	Torque Wrench		Used to tighten lug nuts/bolts to manufacturers' OE torque specifications.
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ADDITIONAL SUPPORT		
Tips from the Trusted Experts	Not Applicable.	
Additional Resources	Throughout the Spacers, Adapters, and Wobble Bolts/Nuts process, you may use the following resources:	
	Spacers Adapters and Wobble Bolts/Nuts QRG	This document provides a visual guide and general information of the different types of spacers, adapters, and wobble bolts/nuts.