

Aftermarket Lug Test Fitment

Introduction

Any time you replace lugs on a vehicle, whether for new wheels or replacing existing/missing lugs, you must perform a test fit. This is because installation of improper lugs could cause cross-threading and will inhibit the wheel sitting flush against the hub and prevent you from achieving manufacturer's OE torque specifications.

Verify Lug Selection

Lug kit is on invoice:

Verify the correct lug kit has been pulled for the vehicle by referencing the invoice.

Lug kit not on invoice:

Use the fitment guide to identify proper lug kit for vehicle.

Test Fit Procedure

1. Raise the vehicle and remove existing assembly.
2. Verify the shape and diameter of the replacement lugs match the lug seat of the wheel.
3. Once you have verified the lugs and lug seat match, place the assembly on the hub and use tire chalk to mark the end of one stud.
4. Install the lugs, ensuring there are seven turns of thread engagement and torquing to manufacturer specifications.
5. Verify wheel is securely held against the hub.
6. Remove the lug from the stud you marked with the tire chalk and verify there is no chalk at the bottom of the lug or indications that the lug goes too far into the lug seat of the assembly, such as bulging on the end of the lug nut.



Critical to Safety: If the assembly is not securely held against the hub, or you find markings at the bottom of the lug or seat, contact your supervisor.

7. Once you have verified the lugs fit properly, continue with the replacement on the rest of the vehicle.