

MINIMUM THREAD ENGAGEMENT

The thickness of a wheel can differ from factory wheels to aftermarket wheels. For that reason, it's essential to verify that the lug nuts will properly engage the threads on your vehicle's wheel studs. Refer to our **THREAD SIZE NUMBER OF TURNS** chart to determine the number of turns typical for your stud or bolt size.

THREAD SIZE NUMBER OF TURNS

M10x1.25	6-7 turns	3/8"-24 UNF	9-10 turns
M12x1.25/1.5	6-7 turns	7/16"-20 UNF	8-9 turns
M14x1.25/1.5	7-8 turns	1/2"-20 UNF	7-8 turns
M14x2.0	7-8 turns	9/16"-18 UNF	8-9 turns

2. PREPARE FOR INSTALLATION

STEP 1

Park on a hard, level surface and apply parking brake.

SAFETY WARNING: It is the responsibility of the driver/s to check their surrounding area for obstructions, people, and animals before moving the vehicle.

All raised vehicles have increased blind spots; damage, injury and/or death can occur if these instructions are not followed.

STEP 2

Loosen the lug nuts one quarter turn but do not remove them from the wheel.

STEP 3

Raise your vehicle following the process outlined in your vehicle owner's manual.

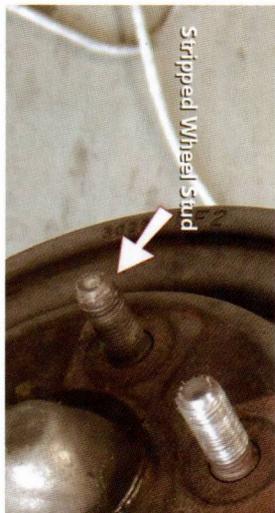
STEP 4

Secure the wheel, remove the lug nuts, and then remove the wheel.

3. INSTALLATION

STEP 1

Clean and inspect all stud threads and mounting surfaces before installation. Threads must be free of corrosion, rust, burrs, fractures, and damage. Replace studs if they are corroded, stripped, damaged, or fractured.



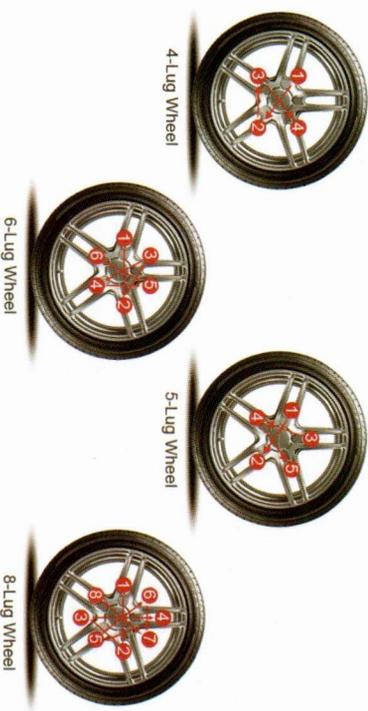
STEP 2

Place the wheel back onto the vehicle hub. Match the bolt pattern (bolt circle) of the wheel to that of your vehicle. The wheel must make full contact with the mating surface of the hub.

STEP 3

Install your lug nuts and hand-tighten using your socket wrench in a star (criss-cross) pattern until you cannot hand tighten anymore. Refer to our wheel torque sequence chart below to determine proper pattern and sequence for your installation.

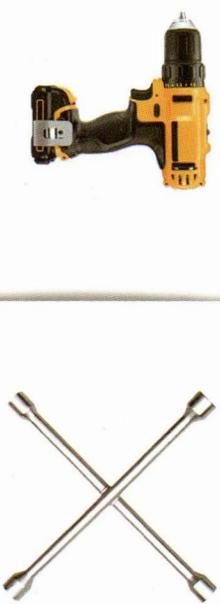
How to remove and install



NOTE: DO NOT use air impact wrenches to tighten your lugs. This may result in weakening of your wheel studs causing them to fail while driving and damage the surface of lug nut.



ATTENTION!



Power wrench/ impact wrench /pneumatic wrench may be damage the surface of lug nut

Recommend to use hand wrench

STEP 4

Use a calibrated torque wrench to torque each lug nut in a star pattern, to the specifications shown in your vehicle owner's manual. Wheel must remain stationary during the torquing process for control purposes.

STEP 5

Final Checks & Adjustments: Always re-torque your lug nuts after the first 25-50 miles of use each time the lug nuts are removed and installed. Failure to re-torque could result in unsafe driving conditions.

Failure to perform the post inspection checks may result in vehicle component damage and/or personal injury or death to the driver and/or others.

LUG NUTS INSTALLATION GUIDE

THANK YOU FOR THE PURCHASES! PLEASE READ BEFORE INSTALLATION.

WARNING: Professional Installation Required.

For your safety, recommends a certified technician install this system. Failure to do so can result in serious injury.

REMINDER: Before installation, thoroughly inspect all components to ensure they are complete and undamaged. Missing or incorrect parts may affect safety, performance, and proper fitment. Do not proceed with installation if any issues are found—contact us immediately.

REMINDER: After installation, carefully inspect and test all components. Ensure all nuts, bolts, and accessories are properly tightened. Improper installation may lead to safety risks or product failure.

REMINDER: COMPATIBILITY CHECK

Please check vehicle compatibility before installation.

REMINDER: MODIFICATION RISK

Vehicle performance and factory specifications may vary with aftermarket modifications. Modify at your own risk.

For modified vehicles, contact us to confirm fitment.

1. LUG NUT FITMENT

The most important step to lug nut installation is making sure you have the right fitment for your vehicle and wheel application. Failure to use the correct lug nuts will cause unsafe driving conditions that can result in wheel loss while driving. Only use lug nuts designed to fit your vehicle and wheel application.

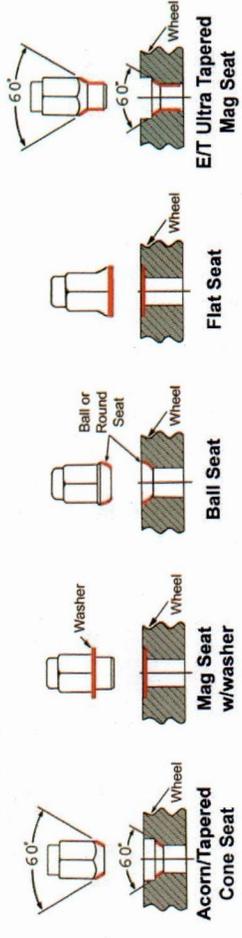
Use the checklist below to verify your lug nut fitment prior to installation.

THREAD SIZE AND PITCH

Each lug nut has a specific thread size and thread pitch determined by your vehicle specifications. The thread size of the lug nut must match your vehicle's wheel studs.

SEATING STYLE

There are five common types of lug nut seating styles determined by your type of wheels: (1) Acorn/Tapered Cone seat, (2) Mag Seat With Washer, (3) Ball Seat, (4) Flat Seat and (5) E/T Ultra Tapered Mag Seat. The seating style of the lug nut must match the wheel lug seat. Using the wrong seating style will cause vibration, loosening of lug nuts, or damage to your vehicle.



4. CARE AND MAINTENANCE

CLEANING

Wheel acids and degreasers are fairly harsh and we want to make sure you understand what to look for when buying cleaners to detail your car. Look for either PH-Neutral or PVD Safe wheel cleaners. These types of cleaners are acid-free and formulated to be gentle enough for high-end wheel finishes.

When using a wheel cleaner, **DO NOT** let the cleaner soak on the lugs for more than one minute. When cleaning the lug nuts, **DO NOT** use an abrasive brush or pad. An abrasive pad will scratch the lug nuts.

MAINTENANCE

When removing the wheel hardware for servicing the brakes or just rotating tires, keep an eye on the thread condition and seat marring.

We also recommend checking the torque on all the lug nuts before and after your first drive with them installed. Additionally, it is strongly recommended to check the torque values at regular intervals.

LIMITED WARRANTY

Items can be returned for a refund or replacement/exchange within 30 days of delivery as long as they are in original or unused condition.

This warranty does not cover any item that has been damaged, mutilated, altered, misused or abused. We reserves the right to make changes in specification and design.

REMEDIES EXCLUSIVE: Our liability shall be limited exclusively to repairing or replacing individual parts under the conditions as aforesaid, and in no event will be liable for consequential damages.

NOTE: Surface discoloration or rust due to improper care, prolonged UV exposure, environmental conditions, or chemical contact is not considered a manufacturing defect and is excluded from warranty coverage.

DISCLAIMER OF WARRANTIES: This warranty is expressly in place of all other warranties.

WARNING: Cancer and Reproductive Harm - www.P65Warnings.ca.gov

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