



Assembly, Installation, Operation and
Maintenance Instructions
Wheel Spacers & Adapters

**Part Numbers:
ALL**

120 minutes

Dealer / Installer: Provide a copy of these instructions to the end user of this product. These instructions provide important operating and safety information for proper usage of this product. Demonstrate the proper use of the product with the end user. Have the end user demonstrate that they understand the proper use of the product.

End User: Read and follow all instructions included in this manual. Ask your Dealer / Installer for assistance if you do not understand the proper use of the product. Never remove any decals from the product. Failure to follow these instructions can result in injury or death.



This guide will provide detailed instructions and specifications on how to install all TrailFX Wheel Spacers and Wheel Adapters. Refer to the Torque Reference Chart for proper torque specifications related to the spacers or adapters installed on the vehicle. Failure to follow the instructions and guidelines could result in damage to the product or the vehicle.

Torque Reference

S. No	Torque Standard	S. No	Torque Standard
1	55-65 ft-lbs for 7/16" studs	4	72-80 ft-lbs for 12mm studs
2	75-85 ft-lbs for 1/2" studs	5	85-95 ft-lbs for 14mm studs
3	95-115 ft-lbs for 9/16" studs		

Parts List:

S. No	Description	Qty
1	Wheel Spacer / Adapter with Open End Lug Nuts	2
2	* Lug Nut total varies by 5 lug, 6 lug or 8 lug	*
3	Thread Locker (10ml)	1



INSTALLATION PROCEDURE:

1. Following your vehicle owner's manual, properly raise the vehicle and support it using adequately load -rated jack stands. Never work on a raised vehicle that is supported with a factory emergency, floor or bottle jack.
2. Remove wheels and inspect rotors for any damage or cracks. If any damage is identified, do not continue with this installation.
3. Remove any visible rust from the mating flange on the vehicle's rotor. Check both the rotor and wheel mounting flanges for burns, rivet heads, or other obstruction which could prevent proper seating of the spacer/adaptor.
4. If proper seating can be achieved, apply provided thread locker to vehicle's studs and mount the wheel spacer/adaptor on to rotor by torquing provided wheel spacer/adaptor lug nuts. Tighten all lug nuts to the appropriate torque specification using a torque wrench. **DO NOT USE AN IMPACT WRENCH!**
5. Install wheel on to wheel spacer/adaptor using existing lug nuts. Tighten all lug nuts to the appropriate torque specification using a torque wrench. **DO NOT USE AN IMPACT WRENCH!**
6. Check that wheel and tire clearance allow for full steering (lock-to-lock).
7. If there is no interference, vehicle may be lowered.
8. Re-torque all lug nuts after traveling the first 50-100 miles, then again, every 2000-3000 miles.

Directions for Thread Locker:

1. Clean and dry parts give best results.
2. Shake bottle – apply the thread locker to thread engagement for stud and lug nut.
3. Tighten lug nut to the appropriate torque specification.
4. The lug nut and stud will be preliminarily locked in 5 - 20 minutes after applying the thread locker at ambient temperature around 77 degrees F (25 degrees C).
5. Allow assemble 24 hours to fully cure.

Important Safety Information:

1. Never modify wheel spacer or adaptor.
2. Never remove factory installed studs on wheel spacer or adaptor.
3. Never use impact wrench for wheel spacer or adaptor installation.
4. Do not stack multiple spacer or adaptor on a single wheel.
5. Carefully follow the installation instructions included in this package. The manufacture assumes no liability for injury, damage or repair costs resulting from improper installation or use.

RISK: Irritating to eyes, respiratory system and skin may cause sensitization by contact.

SAFETY: Avoid contact with skin and eyes. Avoid Breathing vapor.

KEEP OUT OF REACH OF CHILDREN

FIRST AID: In case of contact with eyes, rinse immediately with plenty of water and contact a doctor. After contact with skin, wash with soap and water. If swallowed, seek medical advice immediately and show the container.

Warranty Terms:

Wheel Spacer / Adapters: Limited Lifetime Warranty

TrailFX and Keystone Automotive Operations Inc. make no guarantees or warranties for products not manufactured by Keystone Automotive Operations Inc. Such products are covered solely under any applicable warranty of the manufacturer. It is always recommended that the operating instructions and warranty instructions provided by the manufacturer are followed.

Keystone Automotive Operations Inc. warrants its products to be free from manufacturing and material defects to the original purchaser for the length of warranty stated above from the date of retail purchase. If any products are found to have a manufacturing or material defect, the product will be replaced or repaired at the option of TrailFX and Keystone Automotive Operations Inc. with proof of purchase by the original purchaser. The original purchaser shall pay all transportation and shipping costs associated with the return of the defective product and the defective product shall become the property of Keystone Automotive Operations Inc.

The Warranty applies to Keystone Automotive Operations Inc. products used for individual and recreational purposes. Commercial usage of the Keystone Automotive Operations Inc. products limits the warranty to 90-days from date of purchase.

The Warranty applies only to Keystone Automotive Operations Inc. products which are found to be defective in manufacturing or material. This warranty does not apply to normal wear and tear of the finish placed on Keystone Automotive Operations Inc. products.

TrailFX and Keystone Automotive Operations Inc. are not responsible for any labor costs incurred for removal or replacement of the defective product.

TrailFX and Keystone Automotive Operations Inc. are not responsible for repair or replacement of any product under the limited warranty where the product was improperly installed, misapplied, altered, abused, neglected, overloaded, misused or damaged as a result of an accident, including any use of the product not in accordance with all product operating and safety instructions.

Without limiting the generality of the foregoing, TrailFX and Keystone Automotive Operations Inc. shall under no circumstances be liable for any incidental or consequential loss or damage whatsoever arising out of, or in any way relating to any such breach of warranty or claimed defect in, or non-performance of the products. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above exclusion or limitation may not apply to you.

This limited warranty gives you specific legal rights, and you may also have other rights that vary from state to state.