

## Lug Nut Torque

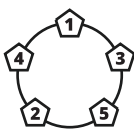
Stud Size	Lug Nut Type	Torque (ft./lbs)	Wheel Size or Type	Wheel Material
1/2"	Coned	90-120	15",16"	Steel
9/16"	Coned	120-140	16"	Steel
5/8"	Coned Wheel Clamp Ring	190-210	17.5" Single or 16" Dual	Steel
5/8"	Flanged Nuts (Non-Rotating Flange)	275-325	17.5" Single or 16" Dual	Steel
5/8"	Flanged Nuts (Rotating Flange)	190-210	17.5" Single or 16" Dual	Steel
1/2"	Coned	110-120	15",16"	Aluminum
9/16"	Coned	120-140	16"	Aluminum
5/8"	Flanged Nuts (Rotating Flange)	150	17.5" Single	Aluminum

**Proper and accurate torque must be maintained to prevent wheels from loosening, studs from cracking and/or breaking. It is recommended to use a 2pc rotating flange nut on hub pilot 17.5" wheels.**

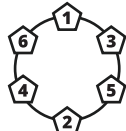
**Wheel lug nuts should be torqued before first road use and after each wheel removal.**

**Check and re-torque wheel lug nuts periodically within the first 50 miles.**

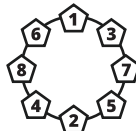
## Torque Patterns



5 Lug



6 Lug



8 Lug

**Make sure wheel fasteners match cone angle of wheel and hand tighten lug nuts by hand to start.**

**After wheel nuts are fully hand tightened, torque nuts with a torque wrench in sequence above.**

## Tire Registration Card

Tire registration allows the manufacturer to notify you in the event of a tire recall.

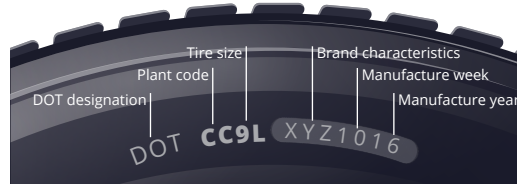
**Please fill in the attached card and mail it in.**

If a card was not attached to this brochure, you can visit our website at [www.orrcointernational.com](http://www.orrcointernational.com) and download a tire registration form.

After the form is filled out you can:

- Mail the form to the address provided
- Scan and email the form to [greg.sparkman@orrcointernational.com](mailto:greg.sparkman@orrcointernational.com)

The Tire Identification Number (TIN) must begin with the letters "DOT" followed by a combination of numbers and letters from 4 to 12 letters. This code is located on the sidewall of your tires.



## Contact Information

**For any questions regarding this warranty:**

- Call us at (800) 678-1114
- Email us at [greg.sparkman@orrcointernational.com](mailto:greg.sparkman@orrcointernational.com)
- Or visit [www.orrcointernational.com](http://www.orrcointernational.com)



ORRCO INTERNATIONAL

# TIRE / WHEEL

★ ST WARRANTY & USER GUIDE ★



ONE YEAR

**"No Excuses Guarantee"**

First Year replacement for any reason for all Orrco International radial ST trailer tires.



TWO YEAR

**Roadside Assistance**

Complimentary Roadside Assistance program available for two years.



FIVE YEAR

**Radial ST Tire Warranty**

Limited Warranty against manufacturer's defect for all radial ST tires, steel wheels and aluminum wheels.

**Contact us for more information**

[www.orrcointernational.com](http://www.orrcointernational.com)  
(800) 678-1114



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YEAR

## No Excuses Guarantee

Orrco International provides a five (5) year warranty against manufacturers defects on all of our radial ST tire brands. See our warranty policy for more details. If the consumer has any issue with their tire in the first 12 months that is not covered under this warranty, Orrco guarantees the replacement of that tire at no charge under our No Excuses Guarantee.

- The program is in effect for 12 months from the date of original retail purchase.
- It is effective on all Orrco radial ST tire brands with a manufacturer's date code less than 5 years from the current date.
- The program applies only to ST tires and does not include commercial sizes.

2

YEAR

## Roadside Assistance

CALL 800-999-9460 with account #690155

Orrco has teamed up with Roadside Protect for Roadside Assistance. Complimentary tire service consists of emergency road service dispatched to change a customer's tire with the customers inflated spare. Only the trailer for which the tire(s) was purchased is covered under this program.

Emergency Roadside Assistance is available 24-hours a day, 365 days a year, anywhere in the U.S on the trailer tires you have just purchased. Tire Protection consists of emergency road service dispatched to change the customer's flat tire with the customer's inflated spare. Only the trailer for which the tire(s) was purchased is covered under this program. This service is valid for two years from the date of purchase.

Service is performed on a "sign & drive" basis, whereby the customer is not charged for approved service up to a maximum benefit amount of \$100.00 dollars USD per event with a maximum of three (3) services per two (2) year term. Service charges over the maximum benefit amount are the sole responsibility of the customer and shall be paid directly to the service provider at the time of service, along with any additional services requested by the customer. Service is for passenger cars, vans, light trucks, and light trailers only with tires not exceeding eighteen (18) ply or load range "J". Service excludes fleet vehicles, off-road vehicles, or vehicles off the road, vehicles over one ton capacity, commercial vehicles, vehicles already at a repair facility or any vehicle which, at the sole determination of the RP ISC is in such condition that service is likely to result in damage to the vehicle. Theft, vandalism and accident related incidents are not covered. Service may not be available in areas where state/provincial providers are exclusively utilized.

To receive 24-hour Tire Roadside Assistance, you must call the toll-free number listed below to have service dispatched to your location. Please have your account number, date of purchase and your location available.

800-999-9460 Account number 690155

Date of Purchase: \_\_\_\_\_



**ROADSIDE  
PROTECT**

5

YEAR

## Tire Warranty

Orrco International hereby warrants that it will replace without charge for the following:

- Orrco ST (Specialty Trailer) Radial Tire Brands sixty (60) months from the manufacturer's date code on the tire.
- Orrco Commerical (17.5") Tire Brands forty-eight (48) months from the manufacturer's date code on the tire.

At our discretion tires will be replaced if deemed defective due to improper workmanship and/or materials used.

- The above limited warranty is null and void if the product exhibits any of the following conditions: unsatisfactory performance due to fire, accident, malicious mischief, improper inflation pressure, misapplication, running under-inflated, overloading beyond maximum load capacity, driving more than the maximum speed rating, improper alignment, or road hazard. Examples of road hazard include nails, glass, and other foreign objects, natural or man-made defects or obstacles - such as excavations, construction or potholes. Damages caused by road hazards include cuts, punctures, scuffs and impact breaks.
- This limited warranty does not cover the following: loss of income, inconvenience, loss or damage of vehicle use, cost of towing, transportation, or consequential damages of any kind.
- This limited warranty does not cover mounting, balancing, duties, customs or brokerage fees, etc.
- Warranty and credit extended only to the original end user
- To file a claim, all of the following information is required:
  - A completed Orrco Warranty Claim Form
  - Pictures clearly showing defect(s)
  - Bill of Sale
- - To obtain service under this warranty, you must contact Orrco within a reasonable time frame (next business day)
- - It is recommended that you hold product until warranty is approved. More pictures may be required or return of tire.
- - Brand confirmation will be determined during this initial consultation process and procedures associated with obtaining a warranty request authorization will be communicated. Please have available tire size, brand, date of purchase, and a brief description of the problem. You may contact Orrco by mail at 1548 North Main Street, Joshua, Texas 76058, via telephone at (800) 678-1114 or www.orrcointernational.com.

### Notice:

- Failure to contact Orrco International will void the limited warranty.
- No warranty will be provided without a written Orrco Warranty Authorization.
- Bill of Sale may be requested.
- Orrco is not authorized to handle warranty for non-Orrco branded tires (such as Michelin, Goodyear, etc.). Orrco will help customer in contacting appropriate market channel partner to handle such warranty claims.

## Tire Inflation & Load Rating

The information below is a general reference guide for recommended ST tire inflation and max load ratings.

Always check the sidewall of the tire on your trailer for the tire manufacturer's recommended tire inflation and max load.

Size	Ply	Load Rating	Max Load (lbs)	Pressure (PSI)
ST205/75R15	6	LRC	1820	50 PSI
ST205/75R15	8	LRD	2150	65 PSI
ST225/75R15	6	LRC	2150	50 PSI
ST225/75R15	8	LRD	2540	65 PSI
ST225/75R15	10	LRE	2830	80 PSI
ST225/75R15*	14	LRG	3525 Single 3080 Dual	95 PSI
ST235/80R16	10	LRE	3520 Single 3305 Dual	80 PSI
ST235/80R16	12	LRF	3050 Single 3305 Dual	95 PSI
ST235/80R16*	14	LRG	4080 Single 3640 Dual	110 PSI
ST235/85R16	12	LRF	3960 Single 3520 Dual	95 PSI
ST235/85R16	14	LRG	4400 Single 3860 Dual	110 PSI
ST235/85R16*	14	LRG	4400 Single 3860 Dual	110 PSI
215/75R17.5	16	LRH	4805 Single 4546 Dual	123 PSI
235/75R17.5	16	LRH	6005 Single 5675 Dual	128 PSI
235/75R17.5	18	LRJ	6005 Single 5675 Dual	128 PSI