LionsHead

SPECIALTY TIRE & WHEEL

Quality and Safety Manual

GETTING STARTED

CONGRATULATIONS ON A GREAT PURCHASE!

Your trailer has been outfitted with the best towable tires and wheels on the market. At Lionshead we are focused on two things... **Quality and Safety**

We stand behind our products with

- 1 Year (First year) "No Excuses Guarantee"
- 2 Year Complimentary Roadside Assistance
- 5 Year Warranty on Radial ST Tires
- Lifetime Structural Warranty on All Wheels

** Some assemblies also include TST TPMS (Tire Pressure Monitoring System)*

Getting Started

1. To protect your investment and ensure a great experience, please scan the QR code and follow our ***Quick Start Guide*** for new owners.

Quick Start Guide

You can also register your tires by simply filling out the attached "Tire Registration Card" and mailing it to Lionshead.

Optimize Your Ride

2. Make sure that your tires are properly inflated.

3. Do not overload your trailer. Know your maximum pounds per load and be sure to ride safe.

4. Check the torque on your wheels.

FREQUENTLY ASKED QUESTIONS

Q - Does Lionshead Sell Direct To Consumers?
A -No, Lionshead only sells direct to Original Equipment Manufacturers (OEM's). If you need a part, contact the parts department at your manufacturer. If they do not have the product, please visit etrailer.com. Etrailer carries the largest selection of our products.

Q - How To Determine The Right Air Pressure?
A - Trailer tires should always be inflated to the maximum PSI indicated on the tire. Keeping them at the proper air pressure is key for longevity, load-carrying capacity, and the ability for the tire to dissipate heat efficiently. Find the maximum tire pressure by looking at your tire sidewall. Look for the small notation "Max. Load" followed by a PSI number.

Q - What Does The Lionshead Wheel Warranty Cover?
A - Lifetime warranty on structural / manufacturers defects (cracks and pinholes)
1-Year warranty on clear coat (aluminum wheels)
1-Year warranty on paint (steel wheels)

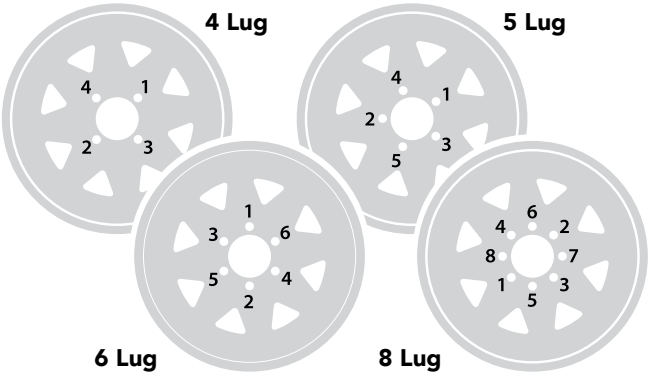
Q - When should you check tire pressure?
A - Check air pressure when the tire is cool to the touch. Ambient air temperature, not directly after driving. This ensures an accurate reading.

Q - How Can You Extend Tread Life?
A -
1. Visually inspect your tires before each trip.
2. Check tire pressure before you use your trailer. Keep your tires inflated to the maximum PSI branded on the sidewall.
3. When you're storing your trailer for the off-season, use tire covers to protect them from early wear. Park in a cool, dry place.
4. Keep caps on tire air valve stems, to keep debris and moisture out.
5. If you notice excessive, uneven trailer tire wear, get a tire professional to assess the problem and determine a solution.
6. Don't assume that replacing tires with a set that has a higher load capacity will fix uneven wear problems. You'll likely have the same problem with the new set if there's something wrong with the trailer alignment, suspension or axles.

Q - How To File A Warranty Claim?
A - **Click Here** or Go to the Lionshead website: www.lionsheadtireandwheel.com under the header "Services" click on "Warranty" and download the Warranty Form, fill out and return to our Warranty Manager bscott@lionsheadtireandwheel.com

LUG NUT TORQUE & PATTERN

Stud	Ft./Lbs. Torque
1/2"	90-120
9/16"	120-140
5/8"	140-160



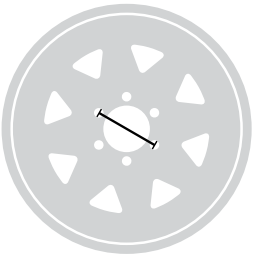
DETERMINING BOLT PATTERNS

The first number in the bolt pattern indicates the number of bolt holes present. The second number denotes the diameter, in inches, of the circle on which the bolt holes sit.

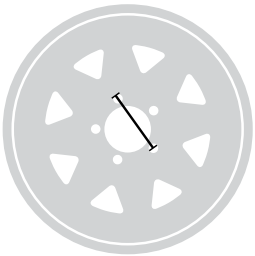
On wheels with an **even number of bolt holes,** measure from the center of one bolt hole to the center of the hole directly across from it. (Example: "6 on 5-1/2" means 6 bolt holes with 5-1/2" from the center of one hole to the center of another on the opposite side.)

To determine the bolt-circle diameter on wheels with an **odd number of bolt holes**, measure from the back of any bolt hole to the center of the bolt holes nearly across from the first. (Example: "5 on 4-1/2" means 5 bolt holes with 4-1/2")

Even Bolt Holes



Odd Bolt Holes



TIRE & WHEEL SPECIFICATIONS

RADIAL SPECIFICATIONS			
Size	**Ply**	**Max Load (lb)**	**Pressure**
ST145R12 LRD	8	1220	65PSI
ST145R12 LRE	10	1520	80PSI
ST175/80R13 LRC	6	1360	50PSI
ST185/80R13 LRD	8	1710	65PSI
ST205/75R14 LRC	6	1760	50PSI
ST205/75R14 LRD	8	2040	65PSI
ST215/75R14 LRD	8	2200	65PSI
ST205/75R15 LRC	6	1820	50PSI
ST205/75R15 LRD	8	2150	65PSI
ST225/75R15 LRC	6	2150	50PSI
ST225/75R15 LRD	8	2540	65PSI
ST225/75R15 LRE	10	2830	80PSI
ST235/75R15 LRC	6	2340	50PSI
ST235/75R15 LRD	8	2910	65PSI
ST235/80R16 LRE	10	3520	80PSI
ST235/85R16 LRE	10	3640	80PSI
ST235/85R16 LRF	12	3960	95PSI
ST235/80R16 LRG	14	4080	110PSI
ST235/85R16 LRG	14	4400	110PSI
LT225/75R16 LRE	10	2680 single/2470 dual	80PSI
LT235/85R16 LRE	10	3420 single/2778 dual	80PSI
LT235/85R16 LRG	14	3750	110PSI
LT315/70R17 LRD	8	3195 single/2910 dual	50PSI
215/75R17.5 LRH	16	4805 single/4546 dual	123PSI
235/75R17.5 LRH	16	6005 single/5675 dual	128PSI
245/70R19.5 LRG	14	4540 single/4410 dual	110PSI

ALUMINUM WHEEL SPECIFICATIONS		
Size	**Bolt Pattern**	**Max Load (lb)**
12x4	5-4.5	1520
13x5	5-4.5	1710
14x5	5-4.5	2040
15x5	5-4.5	1820
15x6	5-4.5	2200
15x6	6-5.5	2830
16x6	6-5.5	3300
16x6	8-6.5	4080
16x6	8-6.5 HD	4400
17.5x6.75	8-6.5 (9/16")	4850
17.5x6.75	8-6.5 (5/8")	6050

STEEL WHEEL SPECIFICATIONS		
Size	**Bolt Pattern**	**Max Load (lb)**
8x7	5-4.5	1075
10x6	5-4.5	1535
12x4	5-4.5	1520
13x4.5	5-4.5	1710
14x5.5	5-4.5	2200
15x5	5-4.5	2150
15x5	5-5	2150
15x6	5-4.5	2200
15x6	5-5	2200
15x6	6-5.5	2830
16x6	6-5.5	3300
16x6	8-6.5	4080
16x6	8-6.5 HD	4400
17.5x6.75	8-6.5 (5/8")	6005

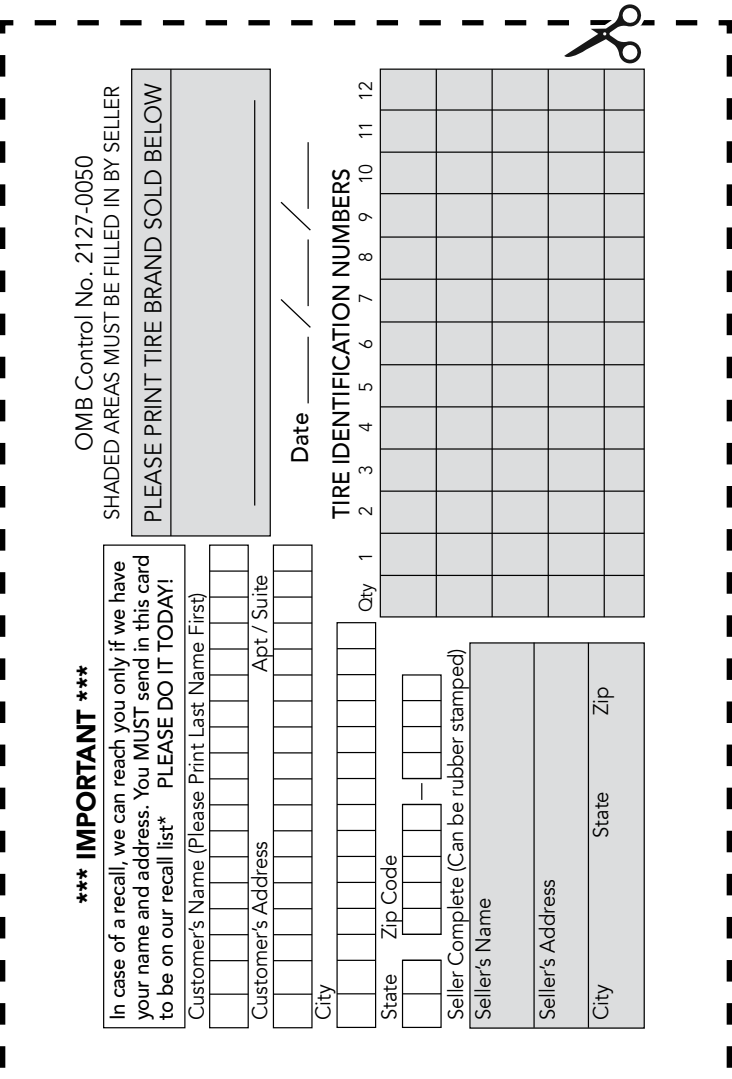
TIRE REGISTRATION CARD

Please fill out the registration card below, cut out and mail (in an envelope) to:

Lionshead Specialty Tire & Wheel
Attn: Warranty Dept.
305 Steury Avenue
Goshen, Indiana 46528

Or register online at www.lionsheadtireandwheel.com

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



WARRANTY POLICY

For complete details about our warranty policy, please visit our website: https://lionsheadtireandwheel.com/warranty-details/

Or contact our Warranty Manager, Beth Scott, with any questions:

- Call: (574) 533-6169
- Email: bscott@lionsheadtireandwheel.com

TIRE PRESSURE MONITORING

Truck System Technologies (TST), the industry leader in Tire Pressure Monitoring Systems has partnered with Lionshead Specialty Tire & Wheel to include TPMS systems on some wheel assemblies. Our systems include a full color wide screen display, audible, visual and text alerts, a 3 year warranty and lifetime customer support.

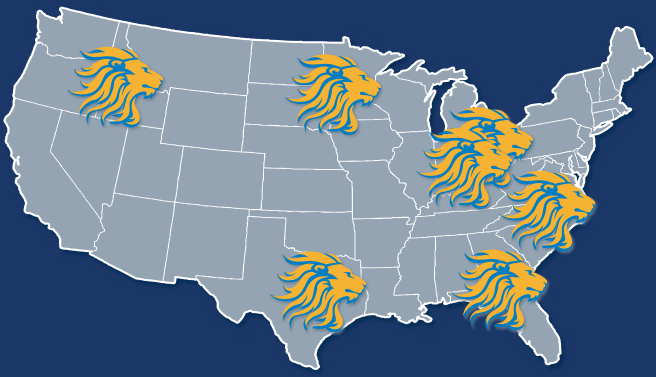
For more information, please visit the TST website for specifications and videos about the TST TPMS system:

www.tsttruck.com

Cut Out Card and Mail to:

Lionshead Specialty Tire & Wheel
Attn: Warranty Dept.
305 Steury Avenue
Goshen, Indiana 46528

Purposefully Driven



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