

Ride-On Installation & Usage Instructions

Congratulations on your purchase of the Ride-On® Tire Protection System (TPS)! Ride-On® is an advanced gel-like formula specially designed to balance tires, seal punctures, prevent leaks, and extend tire life. Ride-On seals most slow leaks and punctures (**85-95% effective in tubeless tires, 55-65% effective in tube tires**) in the tread area of a tire caused by nails, screws, thorns, road debris - virtually any perforating object up to ¼" (1/8" for tube tires) in diameter; i.e., nails, screws, thorns, road debris, etc. Ride-On also helps tires maintain proper inflation and run cooler, which can increase tire life by up to 25% or more (of course, this is critically dependent on how and where you drive your vehicle). Vehicles equipped with Ride-On handle better, get more MPG's, see increased tire life, and most importantly, are safer to operate. Each of our Ride-On formulations are specifically designed for intended application. You should **NOT USE** the various formulas (Motorcycle, Motoscooter, ATV/UTV, Automobile, or Bike-On) interchangeably as the expected tire life, tire composition, tire structure, wheel material, operating speeds, operating temperatures, operating pressures, and g-forces vary in each application type. These are just some of the criteria that we use to formulate our tire balancers and sealants. In addition to the products listed above, Ride-On is also available in several other formulas, which have been specifically designed and engineered for use in commercial trucks, construction vehicles, industrial equipment, mining, agricultural, and other commercial vehicles/equipment. Visit www.ride-on.com or call us at 703-421-9778 (toll-free USA 1-888-374-3366) to order Ride-On for all your vehicles.

Ride-on is TPMS friendly; however some TPMS sensors are not hermetically sealed and therefore should not be used in conjunction with Ride-On. Please visit our website for more information: <https://www.ride-on.com/us/support/tpms>.

Installation Instructions

(Caution: Use eye protection when installing Ride-On or working with pressurized tires.)

Please follow the instructions on the bottle label or visit www.ride-on.com for step-by-step instructions and installation videos.

GENERAL TIRE MAINTENANCE AND SAFETY TIPS. Tires are designed and built with great care to provide thousands of miles of service. However, for maximum benefit, they must be cared for and maintained properly. The key factors in tire care are proper tire inflation, proper vehicle loading, regular inspection of your tires/vehicle, proper maintenance of your vehicle, and good driving habits. Properly inflated tires wear longer, save fuel, and help prevent accidents. Check your tire pressure before all long trips and as per the tire manufacturer's recommendations (you should only check tire pressure when tires are cold). How you drive also has a significant effect on tire life and your personal safety. You can obtain optimum wear from your tires by observing speed limits and by avoiding hard cornering and fast starts/stops. Be cautious when driving. Do not run into curbs and try to avoid potholes and/or road debris.

REGULAR INSPECTION. Inspect your tires regularly for perforating objects or other damage. Look for and remove any stones, bits of glass, metal, or other foreign objects wedged in the tread as these objects may work their way deeper into the tire and eventually cause a puncture. Check your tires closely for signs of uneven wear patterns. Improper inflation, misalignment, tire imbalance, or damaged suspension parts often cause uneven wear. If the cause of the uneven wear is not corrected, further tire damage can occur. Certain uneven wear patterns may also indicate that the tire has suffered internal or structural damage, which requires immediate attention from a professional tire care specialist.

PUNCTURES. If an object has punctured the tread area of your tire, drive your vehicle for 3-5 miles to warm up the tires. **Remove the puncturing object and immediately drive your vehicle for 2-3 additional miles.** This allows the Ride-On to work its way into and seal the puncture. Although Ride-On is effective from -40°F to 150°F, it works best once your tires are warm. **For maximum safety, have a tire professional inspect (and if necessary, repair or replace) your tire as soon as possible after a puncture.** Ride-On does not interfere with the application of a conventional tire plug and patch repair and easily washes out with water.

Even though Ride-On forms an effective seal around puncturing objects, they should be removed. If an object is left in the tire, it can shift as the tire rotates, eventually creating a larger hole and causing further damage to the tire or tube. Please note that if an object is left in the tire for a long period of time, the puncture cavity does not close immediately. Rubber has "memory," and that causes it to conform to the shape of the puncturing object. If this happens, the tire may temporarily lose some air until the rubber reforms to its original state. If the puncturing object is a screw, unscrew it – yanking or pulling the screw often tears the rubber and sometimes even the steel belts.

SIDEWALL DAMAGE. Due to a tire's inner curvature, Ride-On does **not** seal sidewall damage, or damage near the shoulder of the tire (the outside 1-1.5" of the tire tread). If a tire has a cut, impact break, bruise, bulge, snag, or sidewall damage, take the tire out of service and have it inspected by a professional tire care specialist.

CONTINUED AIR LOSS. If a Ride-On treated tire continues to lose air, remove the tire from service immediately and have it inspected by a professional tire care specialist. Continued air loss is sometimes an indication of bent wheels, a problematic valve, or structural damage that can lead to sudden catastrophic failure of the tire. Tires with cuts, impact breaks, bruises, bulges, snags, or sidewall damage should also be removed from service and inspected by a professional tire care specialist.

WARNING: Changing a tire on the side of the road is a very dangerous activity! If you need to change your tire, you should only do so once you safely are out of harm's way. We strongly advise calling a roadside assistance company to ensure your tire issue is handled safely and appropriately.

EXTENDED PARKING. If you park your vehicle for an extended period of time, a small amount of Ride-On may slowly pool to the bottom of your tires. If this occurs, you may experience a slight vibration for the first few miles as you drive while the Ride-On rebalances your tires.

WHEEL PROTECTION. Ride-On is non-flammable and chemically inert – it will not degrade either your tires or your wheels. Ride-On contains corrosion inhibitors that help protect tire belts, and wheels (steel, aluminum, and alloy) against corrosion.

WARRANTY & DISCLAIMER. Ride-On helps prevent flat tires, but does not guarantee to prevent all flats. Inovex Industries, Inc., warrants Ride-On to be free from manufacturing defects. Inovex Industries, expressly disclaim all other warranties and/or conditions, whether express or implied, including (but not limited to) the implied warranties and conditions of merchantability, satisfactory quality, and fitness for a particular purpose. Inovex Industries shall not under any circumstance be liable for towing expenses, or for any claims or damages (including any special, incidental, or consequential damages, or any damage to tires, wheels, vehicles, drivers, passengers, or any other entities or property) arising or resulting from operating a vehicle with under-inflated or flat tires, failing to inspect or maintain tires properly, or failing to follow instructions for the proper handling of punctures and other damage to tires. Your exclusive remedy and the sole obligation of Inovex Industries is limited to product replacement.

WARNING: KEEP RIDE-ON AWAY FROM CHILDREN & ANIMALS. Ride-On contains ethylene glycol. If swallowed, seek medical attention. If individual is drowsy or unconscious, do not give anything by mouth; place individual on the left side with the head down. Contact a physician, medical facility, or poison control center for advice about whether to induce vomiting. If possible, do not leave individual unattended. Ethylene glycol (ingested) is on the list of chemicals known to the State of California to cause reproductive toxicity under Proposition 65, effective June 19, 2015. Do not dispose of product down storm water drains.

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Ride-On Bottle Installation & Usage Instructions

YOU WILL NEED THE FOLLOWING MATERIALS TO INSTALL RIDE-ON FROM BOTTLES:

- Ride-On Bottles with Yorker Tops
- Valve Core Removal Tool
- Scissors
- **Air Supply** (You will need to deflate and re-inflate your tires)
- Eye Protection – Use Eye Protection When Installing Ride-On or whenever working with pressurized tires.

INSTALLATION INSTRUCTIONS

1. Rotate the tire into which Ride-On is to be installed so that the valve stem is between the 3 and 5 o'clock position, or 7 and 9 o'clock (bottom half of the tire but not at 6 o'clock). If there is a cap covering the valve stem, please remove it.
2. Deflate the tire completely by removing the valve core from the valve stem. The valve core is the center portion of the valve. To remove the valve core, insert the tip of the provided valve core remover tool into the valve and unscrew the valve core by twisting it counter-clockwise. You will need to screw the valve core back in when you are done, so be careful not to lose it.
3. Take the cap off the Ride-On bottle and remove the pressure seal. Cut the tip of the Yorker cap just above the 1/4" mark using scissors (there is a line on the tip of the Yorker indicating the appropriate place to cut).
4. Slide the provided hose onto the tip of the Ride-On bottle and the other end of the hose onto the valve stem.
5. Squeeze the correct amount of Ride-On into the tire. Consult the Ride-On dosage table corresponding to your application and sealant formulation you are using. The Ride-On bottle has markings on the side so that you can see how many ounces of Ride-On you have put into the tire. Do not exceed the recommended dosage for your tire. You can use our Online Tire Dosage Calculator if your tire size is not shown: www.ride-on.com/us/calculator
6. If a blockage occurs in the valve stem as you are squeezing Ride-On into the tire, use a paper clip or a short burst of air to clear the passageway.
7. After squeezing in the proper dosage into your tire, inject a short burst of air into the valve stem to clear it. Screw the valve core back into the valve (twist it clockwise). **DO NOT OVER TIGHTEN.**
8. Inflate the tire to the recommended pressure (refer to your vehicles owner's manual for the proper PSI).
9. Repeat steps 1-8 to install Ride-On in your other tires, and then drive your vehicle for 3-5 miles (if possible at highway speeds) to allow Ride-On to spread evenly inside your tires. You may experience a vibration for up to 10 miles, until Ride-On has had a chance to coat the inside of your tires evenly. The faster you drive, the quicker the Ride-On will spread and coat your tires.

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The table below is for **Motorcycle formula only**. Please refer to your bottle or visit www.ride-on.com for complete dosage tables for your application. The Auto/SUV, ATV/UTV, Motorscooter, and Bike-On formulas are unique to their applications. Please refer to their dosage tables to determine the correct amount of their respective products to install in your tires. You can use our Online Tire Dosage Calculator if your tire size is not shown: www.ride-on.com/us/calculator

RIDE-ON DOSAGE TABLE (MOTORCYCLES)									
Tire Size Designation	Ounces or Units	Tire Size Designation	Ounces or Units	Tire Size Designation	Ounces or Units	Tire Size Designation	Ounces or Units	Tire Size Designation	Ounces or Units
3.00-8	3	M230/60-15	14	M140/90-16	9	2.75-18	4	2.5-19	4
3.50-8	3	M120/70-15	6	MT90-16	8	3.00-18	4	3.00-19	5
		M180/70-15	11	MU90-16	9	3.50-18	5	3.25-19	5
M90/90-10	3	M140/80-15M/C	8	M90/100-16	6	4.00-18	6	3.50-19	6
M120/70-10	5	M150/80-15	9			4.10-18	6	4.00-19	6
M130/70-10	5	M160/80-15M/C	9	3.00-17	4	4.25-18	7	4.10-19	7
80/90-10	3	M170/80-15M/C	10	3.25-17	5	4.50-18	7	M120/70-19	7
90/90-10	3	M190/80-15	12	3.50-17	5	4.60-18	8	M100/80-19	6
M120/90-10	5	MV85-15M/C	9	4.50-17	6	M360/35-18	24	M110/80-19	7
M130/90-10	6	M130/90-15	7	4.60-17	7	M330/35-18	21	M120/80-19	8
M70/100-10	3	M140/90-15M/C	8	M300/40-17	19	M300/30-18	18	M90/90-19	5
2.50-10	2	M150/90-15M/C	9	M190/50-17	11	M300/35-18	19	M100/90-19	6
2.75-10	3	MU90-15M/C	8	M200/50-17	12	M240/40-18	14	M110/90-19	7
3.00-10	3	MV90-15M/C	9	M180/55-17	10	M250/40-18	16	MJ90-19	5
3.50-10	4			M190/55-17	12	M180/55-18	11	ML90-19	6
4.00-10	4	2.50-16	3	M200/55-17	12	M200/55-18	13	MM90-19	6
		3.00-16	4	M120/60-17	7	M150/60-18	9	M70/100-19	4
M110/70-11	4	3.50-16	5	M130/60-17	7	M160/60-18	10		
		5.00-16	8	M150/60-17	9	M170/60-18	10	3.00-20	5
M120/70-12	5	195/50-16	12	M160/60-17	9	M120/70-18	7	275/55-20	21
M130/70-12	6	M240/50-16	14	M170/60-17	10	M130/70-18	8		
M120/80-12	6	M130/60-16	7	M190/60-17	12	M140/70-18	8	2.75-21	4
M90/90-12	4	M160/60-16	9	M110/70-17	6	M150/70-18	9	3.00-21	7
M100/90-12	4	M180/60-16	10	M120/70-17	7	M110/80-18	6	M70/100-21	4
M110/90-12	5	M200/60-16	12	M130/70-17	7	M120/80-18	7	M80/100-21	5
M60/100-12	2	M180/65-16	11	M140/70-17	8	M130/80-18	8	M90/100-21	6
M80/100-12	3	M110/70-16	6	M150/70-17	9	M140/80-18	9	M80/90-21	5
M110/100-12	5	M120/70-16	6	M160/70-17	10	M150/80-18	10	M90/90-21	6
		M130/70-16	7	M140/75-17	6	MP85-18	7	MH90-21	5
M130/60-13	6	M140/70-16	8	M200/75-17	8	MT85-18	8	MH120-70-21	8
M130/70-13	6	M170/70-16	10	M100/80-17	6	M90/90-18	5		
M150/70-13	8	M180/70-16	11	M110/80-17	7	M100/90-18	6		
M110/90-13	5	M80/80-16	4	M120/80-17	8	M110/90-18	7		
		M100/80-16	5	M130/80-17	9	M120/90-18	7		
3.00-14	5	M110/80-16	6	M140/80-17	10	M130/90-18	8		
M140/60-14	7	M120/80-16	7	M150/80-17	4	ML90-18	5		
M160/60-14	8	M130/80-16	7	M70/90-17	4	MM90-18	6		
M120/70-14	6	M140/80-16	8	M80/90-17	5	MN90-18	6		
M150/70-14	8	M150/80-16	9	M90/90-17	6	MP90-18	7		
M120/80-14	6	M160/80-16	10	M110/90-17	5	MR90-18	7		
M180/80-14	11	MR85-16	7	M120/90-17	8	MJ90-18	5		
M80/90-14	4	MU85-16	9	M130/90-17	8	M80/100-18	5		
M90/90-14	4	M100/90-16	6	M60/100-17	3	M100/100-18	6		
M60/100-14	3	M110/90-16	6	MS90-17	7	M110/100-18	7		
M80/100-14	4	M120/90-16	7	MT90-17	8	M120/100-18	8		
M90/100-14	4	M130/90-16	8	M70/100-17	5				

To Balance and Severe Dosage: You may add up to 25% more Ride-On tire sealant for balancing without wheel weights, or in severe on or off-road applications. Please start with Regular dosage and add in 1 ounce (30 ml) increments up to Severe Dosage.

Tube Applications: We recommend using the Severe dosage in tube applications (adding 25% more product than Regular dosages shown in table).

TPMS Sensors: Ride-On is TPMS sensor friendly, however, it is not recommended for use with TPMS sensors that are not hermetically sealed. Please visit <https://www.ride-on.com/us/support/tpms> for more information about TPMS sensors and their use with Ride-On.

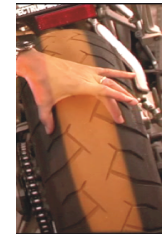


FIG. B: RIDE-ON COVERAGE AREA



Repairable & Non-Repairable Areas For Motorcycle and Scooter Tires



Other Ride-On Sealant Formulations

Motorscooter Sealant: For scooters, mopeds, and e-bikes install 8 ounces of Motorscooter formula per tire. Motorscooter tire sealant is also a good choice for dual sport, enduro, motocross and off-road motorcycles.

Bike-On Sealant: For bicycles install 4 oz. for road bikes, 5 ounces for mountain/all terrain bikes, and 6 ounces for fat tire bikes per tire.

Autos/SUV Sealant: Please refer to bottle and online dosage table for exact amount required for your tire size.

ATV/UTV Sealant: Please refer to bottle and online dosage table for exact amount required for your tire size.