



RIDE-ON INSTALLATION AND USAGE INSTRUCTIONS

Congratulations on your purchase of the Ride-On® Tire Protection System (TPS)! Ride-On® is an advanced-formula gel that has been specially formulated to seal punctures, prevent leaks, and extend tire life. Ride-On is designed to seal most slow leaks and punctures (efficiency of 85-95%) in the tread area of a tire caused by nails, screws, thorns, road debris, and virtually any perforating object up to 1/8" (3.2 mm) in diameter. Ride-On also helps your tires maintain proper inflation and run cooler, which can increase their life by up to 25% or more (of course, this is critically dependent on how and where you drive your vehicle). A vehicle equipped with Ride-On will benefit from better handling, better fuel economy, longer lasting tires, and most importantly, a safer ride. This version of Ride-On has been specifically formulated for passenger cars and light trucks – install Ride-On now in your car, SUV, minivan, or pickup truck to obtain these benefits for all your vehicles!

Ride-On is used by the military, Postal Service, police and fire departments nationwide. Other Ride-On formulas are also available for motorcycles and bicycles, as well as for industrial vehicles, commercial trucks, and other commercial uses. 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.

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

- Ride-On cartridges (provided)
- caulking gun (provided)
- valve core remover tool (provided)
- scissors
- valve core (1 provided in case you lose one)
- **air supply** (you will need to deflate and re-inflate your tires)

INSTALLATION INSTRUCTIONS:

CAUTION: USE EYE PROTECTION WHEN INSTALLING RIDE-ON AND WHENEVER WORKING WITH PRESSURIZED TIRES.

1. Rotate the tire into which Ride-On is to be installed so that the tire stem (the small nub with the valve) is near the 6 o'clock position. 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. The valve core is the center portion of the valve. To remove the valve core, insert the tip of the valve core remover tool (the small, shiny, cap-like object) 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 cartridge. Cut the tip of the cartridge at the 5/16" mark using the scissors. There is a line on the tip of the cartridge indicating the appropriate place to cut.
4. Slide the tip of the Ride-On cartridge onto the valve stem.
5. Use a caulking gun to squeeze the correct amount of Ride-On into the tire. Consult the Ride-On dosage table included with this kit to determine the proper amount of Ride-On to put into the tire. The Ride-On cartridge 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.
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. Screw the valve core back into the valve (twist it clockwise). Use the valve core remover tool to screw the valve core all the way in. **DO NOT OVER TIGHTEN.**
8. Inflate the tire to the recommended pressure (refer to your car owner's manual for the proper PSI), and screw the cap back on the valve.
9. Repeat steps 1-8 to install Ride-On in your other tires, and then **drive your vehicle for 10-15 miles to allow Ride-On to spread evenly inside your tires. You may experience moderate to severe vibrations for up to 15 miles, until Ride-On has had a chance to coat the inside of your tires evenly.**



PLEASE REVIEW THE INSTRUCTIONS ON THE BACK OF THIS PAGE CAREFULLY FOR PROPER USE OF RIDE-ON AND FOR GENERAL TIRE CARE AND SAFETY TIPS.

WARNING: ALWAYS WEAR EYE PROTECTION WHEN WORKING WITH PRESSURIZED TIRES. KEEP RIDE-ON AWAY FROM CHILDREN. Ride-On contains ethylene glycol. If swallowed, induce vomiting and call a physician. If splashed into eyes, flush with water and consult a physician. In case of emergency, call 1-800-255-3924.



PLEASE REVIEW THESE INSTRUCTIONS CAREFULLY FOR PROPER USE OF RIDE-ON AND FOR GENERAL TIRE CARE AND SAFETY TIPS.

GENERAL TIRE MAINTENANCE AND SAFETY TIPS. Tires are designed and built with great care to provide thousands of miles of service. For maximum benefit, however, they must be cared for and maintained properly. The most important factors in tire care are: proper tire inflation; proper vehicle loading; regular inspection of your tires and your 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. (Note that you should only check tire pressure when tires are cold.) The way you drive also has a great effect on your tires' life and safety. You can obtain optimum wear from your tires by observing speed limits, and by avoiding hard cornering and fast starts and stops. You should also be alert and avoid potholes and road debris, and take special caution not to run into curbs when driving or parking.

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 – these may work their way deeper into the tire and eventually cause a puncture. Also check your tires closely for signs of uneven wear patterns. Uneven wear may be caused by improper inflation, misalignment, tire imbalance, or damaged suspension parts. If the cause of the uneven wear is not corrected, further tire damage will occur. Certain uneven wear patterns may also indicate that the tire has suffered internal or structural damage; such damage requires immediate attention from a professional tire care specialist.

PUNCTURES. If you notice that an object has punctured your tire tread, drive your vehicle for 3-5 miles to warm up the tires. **Remove the puncturing object and immediately drive your vehicle for 2-3 miles**, so that Ride-On can work its way into and seal the puncture. Although Ride-On is effective from -40°F to 250°F, please note that it works best once your tires have warmed up. For maximum safety, have a tire professional inspect (and if necessary, repair) your tire as soon as possible after a puncture. Ride-On will not interfere with the application of conventional tire plug and patch repairs, and can easily be washed out of tires with water.

You may be wondering why you need to remove puncturing objects from your tire tread, given that Ride-On forms an effective seal around such objects. The reason is that if an object is left in the tire, it will shift as the tire rotates, eventually creating a larger hole and causing further damage to the tire. Please note that if an object has been in the tire for a long time, it may take some time for the puncture cavity to close. (This is because rubber has "memory," which causes it to conform to the shape of the puncturing object.) In this case, the tire may temporarily lose some air until it is sealed. Note also that if the puncturing object is a screw, you must unscrew it – yanking or pulling the screw will tear the rubber and possibly the steel belts.

SIDEWALL DAMAGE. Ride-On is designed to seal punctures from objects up to 1/8" in diameter in the tread area of your tire. Due to a tire's inner curvature, Ride-On will **not** seal sidewall damage, or damage near the shoulder of the tire (the outside 1-1.5" of the tire tread – see Fig. B on the sheet with the dosage tables). 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.



WARNING

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



WARNING

WARNING: Changing a tire on the side of the road is a very dangerous activity! If you need to take a tire out of service, you should only change the tire where you can safely get out of traffic. It is much safer to call AAA or another company that can provide roadside assistance to change your tire for you.

EXTENDED PARKING. If you park your vehicle for an extended period of time, Ride-On may slowly pool in the bottom of your tires. In this case, you may experience a slight vibration for the first few miles you drive your vehicle, until Ride-On has once again spread evenly inside 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 to protect tire belts and steel, aluminum, and alloy wheels against corrosion.

WARRANTY & DISCLAIMER. Ride-On helps to prevent flat tires, but it is not guaranteed 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.

RIDE-ON DOSAGE TABLE (Cars and Minivans)

(see reverse side for SUVs and pickup trucks)

Use the table below to determine how many ounces of Ride-On to insert into each tire. The tire size designation is embossed on the sidewall of each tire. Use the number of ounces specified in the "Normal" column for normal driving conditions. Install the "Severe" dosage if you drive mainly in off-road applications or expect severe conditions. **Note:** The "Severe" dosage can result in **VIBRATIONS** and **BALANCE** issues.

Tire Size Designation	Ounces	
	Normal	Severe
12" Rim Diameter		
P145/80 R 12	5	6
P155/80 R 12	6	7
P165/70 R 12	6	7

13" Rim Diameter		
P145/80 R 13	6	7
P155/80 R 13	6	7
P165/80 R 13	7	8
P175/80 R 13	7	9
P185/80 R 13	8	9
P155/70 R 13	6	7
P165/70 R 13	7	8
P175/70 R 13	7	8
P185/70 R 13	8	9
P195/70 R 13	8	10
P205/70 R 13	9	11
P165/65 R 13	6	7
P195/65 R 13	8	9
P185/60 R 13	7	8
P195/60 R 13	8	9
P205/60 R 13	8	10
P215/60 R 13	9	11
P235/60 R 13	10	12
P215/50 R 13	9	11
P235/50 R 13	10	13
P245/50 R 13	11	13

14" Rim Diameter		
P175/75 R 14	7	9
P185/75 R 14	8	10
P195/75 R 14	9	10
P205/75 R 14	9	11
P215/75 R 14	10	12
P225/75 R 14	11	13
P245/75 R 14	12	14
P175/70 R 14	7	9
P185/70 R 14	8	10
P195/70 R 14	9	10
P205/70 R 14	9	11
P215/70 R 14	10	12
P225/70 R 14	10	13
P235/70 R 14	11	13
P245/70 R 14	12	14
P165/65 R 14	7	8
P175/65 R 14	7	8
P185/65 R 14	8	9
P195/65 R 14	8	10
P215/65 R 14	9	11
P175/60 R 14	7	8
P185/60 R 14	7	9
P195/60 R 14	8	10
P205/60 R 14	8	10
P215/60 R 14	10	11
P225/60 R 14	10	12
P235/60 R 14	10	12
P245/60 R 14	11	13
P255/60 R 14	12	14
P265/60 R 14	12	15
P275/60 R 14	13	15
P255/55 R 14	11	14
P245/50 R 14	12	14
P265/50 R 14	13	16

Tire Size Designation	Ounces	
	Normal	Severe
15" Rim Diameter		
P195/75 R 15	9	11
P205/75 R 15	10	11
P215/75 R 15	10	12
P225/75 R 15	11	13
P235/75 R 15	12	14
P265/75 R 15	14	17
P185/70 R 15	8	10
P195/70 R 15	9	11
P205/70 R 15	10	11
P215/70 R 15	10	12
P225/70 R 15	11	13
P235/70 R 15	12	14
P245/70 R 15	12	15
P255/70 R 15	13	16
P265/70 R 15	14	17
P185/65 R 15	8	9
P195/65 R 15	9	10
P205/65 R 15	9	11
P225/65 R 15	9	11
P215/65 R 15	10	12
P235/65 R 15	11	13
P255/65 R 15	13	15
P185/60 R 15	8	9
P195/60 R 15	8	12
P205/60 R 15	9	11
P215/60 R 15	10	11
P225/60 R 15	10	12
P235/60 R 15	11	13
P245/60 R 15	11	14
P255/60 R 15	12	14
P265/60 R 15	13	15
P275/60 R 15	13	16
P195/55 R 15	8	10
P205/55 R 15	9	11
P225/55 R 15	10	12
P255/55 R 15	12	14
P195/50 R 15	9	11
P205/50 R 15	9	11
P225/50 R 15	11	13
P245/50 R 15	12	14
P265/50 R 15	14	16
P275/50 R 15	14	17
P295/50 R 15	16	19
P305/50 R 15	16	20
P325/50 R 15	18	22

16" Rim Diameter		
P155/80 R 16	7	8
P225/75 R 16	11	13
P235/75 R 16	12	14
P245/75 R 16	13	16
P265/75 R 16	15	18
P235/70 R 16	12	14
P245/70 R 16	13	15
P255/70 R 16	13	15
P265/70 R 16	14	17
P275/70 R 16	15	18
P215/65 R 16	10	12
P215/60 R 16	10	12
P225/60 R 16	10	12
P235/60 R 16	11	13
P255/60 R 16	12	15

Tire Size Designation	Ounces	
	Normal	Severe
16" Rim Diameter (Cont.)		
P205/55 R 16	9	11
P215/55 R 16	10	12
P225/55 R 16	10	12
P235/55 R 16	11	13
P225/50 R 16	11	13
P235/50 R 16	12	14
P245/50 R 16	12	15
P255/50 R 16	13	16
P265/50 R 16	14	17
P275/50 R 16	15	18
P245/45 R 16	11	14
P265/45 R 16	13	16
P205/40 R 16	9	11

17" Rim Diameter		
P275/60 R 17	14	17
P225/55 R 17	11	13
P235/55 R 17	11	14
P255/55 R 18	13	15
P275/55 R 18	14	17
P215/45 R 17	10	12
P225/45 R 17	12	14
P235/45 R 17	12	15
P245/45 R 17	12	14
P255/45 R 17	13	15
P315/45 R 17	17	21
P235/40 R 17	11	13
P245/40 R 17	12	14
P275/40 R 17	14	16
P285/40 R 17	14	17
P285/35 R 17	14	17
P315/35 R 17	16	19
P335/35 R 17	17	21

18" Rim Diameter		
P255/55 R 18	13	16
P285/55 R 18	15	19
P255/45 R 18	13	16
P295/45 R 18	16	19
P225/40 R 18	11	13
P245/40 R 18	12	15
P255/40 R 18	13	16
P265/40 R 18	14	16
P275/40 R 18	14	17
P245/35 R 18	12	14
P275/35 R 18	14	16
P285/35 R 18	12	14
P335/30 R 18	17	20

19" Rim Diameter		
P255/40 R 19	13	16

20" Rim Diameter		
P245/40 R 20	13	16
P295/40 R 20	17	20
P275/35 R 20	15	18

RIDE-ON DOSAGE TABLE (SUVs and Pickup Trucks)

(see reverse side for cars and minivans)

Use the table below to determine how many ounces of Ride-On to insert into each tire. The tire size designation is embossed on the sidewall of each tire. Use the number of ounces specified in the "Normal" column for normal driving conditions. Install the "Severe" dosage if you drive mainly in off-road applications or expect severe conditions. **Note:** The "Severe" dosage can result in **VIBRATIONS** and **BALANCE** issues.

Tire Size Designation	Ounces	
	Normal	Severe
40 Series Radial Ply Tires		
LT305/40R20 LT	16	23
LT325/40R22 LT	19	26
LT305/40R23 LT	18	25

45 Series Radial Ply Tires		
LT305/45R22 LT	18	25

50 Series Radial Ply Tires		
LT305/50R20 LT	17	24
LT325/50R20 LT	19	27

55 Series Radial Ply Tires		
LT305/55R18 LT	17	24
LT275/55R20 LT	16	22

60 Series Radial Ply Tires		
LT325/60R15 LT	18	26
LT285/60R17 LT	16	22
LT305/60R17 LT	17	24
LT315/60R18 LT	18	26

65 Series Radial Ply Tires		
LT275/65R17 LT	15	21

70 Series Radial Ply Tires		
LT215/70R14 LT	10	15
LT245/70R15 LT	13	18
LT255/70R15 LT	14	19
LT265/70R15 LT	15	21
LT285/70R15 LT	16	23
LT315/70R15 LT	19	27
LT235/70R16 LT	13	18
LT255/70R16 LT	14	20
LT275/70R16 LT	16	22
LT305/70R16 LT	18	25

75 Series Radial Ply Tires		
LT175/75R14 LT	8	11
LT185/75R14 LT	8	12
LT195/75R14 LT	9	13
LT215/75R14 LT	11	15
LT195/75R15 LT	10	13
LT205/75R15 LT	10	14
LT215/75R15 LT	11	15
LT225/75R15 LT	12	16
LT235/75R15 LT	12	17

Tire Size Designation	Ounces	
	Normal	Severe
75 Series Radial Ply Tires (Cont.)		
LT255/75R15 LT	14	20
LT225/75R16 LT	12	17
LT235/75R16 LT	13	18
LT245/75R16 LT	14	19
LT265/75R16 LT	15	22
LT285/75R16 LT	17	24
LT215/75R17.5 LT	12	17

85 Series Radial Ply Tires		
LT215/85R16 LT	12	17
LT235/85R16 LT	14	19
LT255/85R16 LT	15	22

70 Series (Bias) Ply Tires		
LT215/70 14 LT	11	15
LT245/70 15 LT	13	19
LT255/70 15 LT	14	20
LT265/70 15 LT	15	21
LT285/70 15 LT	17	24
LT315/70 15 LT	20	28
LT235/70 16 LT	13	18
LT255/70 16 LT	15	21
LT275/70 16 LT	16	23
LT265/70 17 LT	15	21

75 Series (Bias) Ply Tires		
LT175/75 14 LT	8	11
LT185/75 14 LT	9	12
LT195/75 14 LT	9	13
LT215/75 14 LT	11	15
LT195/75 15 LT	10	14
LT205/75 15 LT	10	14
LT215/75 15 LT	11	16
LT225/75 15 LT	11	16
LT235/75 15 LT	13	18
LT255/75 15 LT	14	20
LT225/75 16 LT	12	17
LT245/75 16 LT	14	20
LT265/75 16 LT	16	22
LT285/75 16 LT	18	25

85 Series (Bias) Ply Tires		
LT215/85 16 LT	12	17
LT235/85 16 LT	14	20
LT255/85 16 LT	16	22

Tire Size Designation	Ounces	
	Normal	Severe
Diagonal (Bias) Ply Tires		
6.50-16LT LT	10	14
6.70-15LT LT	10	14
7.00-15LT LT	11	16
7.50-16LT LT	13	19
8.00-16.5LT LT	10	14
8.75-16.5LT LT	12	17
9.50-16.5LT LT	13	19
10-16.5 LT	16	23
12-16.5 LT	20	27

Radial Ply Tires		
6.50R16LT LT	10	14
6.70R15LT LT	10	14
7.00R15LT LT	11	15
7.50R16LT LT	13	18
8.00R16.5LT LT	10	14
8.75R16.5LT LT	12	16
9.50R16.5LT LT	13	18
10R16.5 LT	16	23
12R16.5 LT	20	27

Diagonal (Bias) Ply – (Light Truck High Flotation Tires)		
27x8.5-14LT LTF-2	11	15
29x9.5-15LT LTF-2	13	18
30x9.5-15LT LTF-2	13	19
31x10.5-15LT LTF-2	15	22
31x11.5-15LT LTF-2	17	23
32x11.5-15LT LTF-2	17	24
33x12.5-15LT LTF-2	20	27

Radial Ply Tires – (Light Truck High Flotation Tires)		
27x8.5R14LT LTF-2	11	15
29x9.5R15LT LTF-2	13	18
30x9.5R15LT LTF-2	13	18
31x10.5R15LT LTF-2	15	21
31x11.5R15LT LTF-2	16	23
32x11.5R15LT LTF-2	17	23
33x12.5R15LT LTF-2	19	27

Special Tires Limited to Use on Mobile Homes Only		
7-14.5MH MH	9	13
8-14.5MH MH	11	15
9-14.5MH MH	13	18

