

Installation of Ride-On TPS Using Drum Pump

Always wear eye protection when working with pressurized tires!

The quickest and easiest time to install Ride-On is during a tire mount-up. You can install Ride-On either into the tire casing or through the valve stem (remove valve core first) prior to airing up the tire. The additional time required to treat a tire under this scenario is less than 2 minutes, as the time required for normal mounting and airing of tires is unaffected.

Always identify the tires that contain Ride-On to prevent double treatment. You can mark the tires using a permanent tire marker, spray paint the valve stems, or use Ride-On's o-rings. Alternatively, you can mark the vehicle using Ride-On trailer or tractor stickers available at a nominal cost.

1. Remove bung cap with NPT thread (does not have valve fitting).



2. Remove the cap from the small valve fitting on the other bung cap. This fitting is used to re-circulate Ride-On.



3. Attach the quick-connect chuck at the end of the pump hose onto the valve fitting located on the bung cap.



4. Push the body of the pump into the bung opening and tighten the pump bung adapter.



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5. Pull the pump handle all the way up as high as it will go and then push it back down. This will 'bleed' the air out of the hose as the product is circulated back into the drum. Always store the pump with the hose connected to the small fitting, and always re-bleed the hose if the product has not been used for a while.



6. Rotate the tire into which Ride-On is to be installed so that the tire stem is between the 3 and 9 o'clock position (bottom half of the tire). Use a valve core remover tool to unscrew and remove the valve core from the tire valve stem. Lower tire pressure to 60 psi or less.



7. Quickly connect the hose to the valve stem by pushing the quick-connect fitting onto the stem. One complete pump stroke with the locking collar locked right below the handle will install 10 ounces of Ride-On.

To install less than 10 ounces per stroke, line up the top of the locking collar with the hash marks on the pump shaft and lock in place using thumbscrew. You should be able to read the corresponding marked numbers above the collar. The pump shaft is marked in one-ounce increments.



8. Remove the quick connect chuck and re-install the valve core into the valve stem. **Do not over tighten the valve core.** Inflate the tire to the vehicle manufacturer's recommended tire inflation pressure.

Please note: It is **NOT necessary** to immediately drive the vehicle. Once the vehicle is driven, Ride-On TPS is evenly dispersed over the entire tread area of the inner surface of the tire. Do not be concerned with any initial vibrations. Until Ride-On TPS has completely coated the inside of your tires, you may experience a slight vibration. To avoid wheel balance problems, it is critical that the correct amount of Ride-On TPS is installed for your tire size.

Ride-On TPS is a stable compound that can be stored in its original closed container for up to 3 years. Please store Ride-On indoors or out of direct sunlight. Once a drum has been opened, it is very important to keep the Ride-On in an airtight environment. This can be accomplished by connecting the quick connect on the pump hose to the drum return spout. If the product is to be stored for prolonged periods (more than four weeks), it is recommended that the pump be rinsed with water and the NPT bung cap retightened on the drum.

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