Installation of Ride-On TPS Using 5-Gallon Hand Pump

Always wear eye protection when working with pressurized tires!

The quickest and easiest time to install Ride-On in a tire is during mount-up. You can install Ride-On either directly into the tire casing or through the valve stem (remove valve core first). It should take less than 1 minute, as the time required for normal mounting and airing of tires is unaffected.

Always mark treated tires to prevent double treatment. Ride-On provides o-rings for this purpose, or you can mark the tires using a permanent tire marker or spray paint. In order to keep track of treated vehicles, Ride-On also provides trailer or tractor stickers for a nominal cost.

1. Unscrew cap from pail lid.
2. Remove inner seal from opening.
3. Unscrew collar from pail adaptor.
4. Screw pail adaptor on pail top.
5. Slide collar onto pump shaft.
6. Push pump and collar into pail.
7. Push pump body all the way down to the bottom of the pail. Tighten collar back onto the pail adaptor to secure the pump in place.
8. Attach quick connect chuck fitting onto the brass return spout on collar.
9. With the pump assembled, open the ball valve by turning the handle 90 degrees. The valve handle will be inline with the hose. Circulate product to bleed the air from the hose and prime the pump. This ensures you get an accurate dosage.
10. One complete pump stroke (locking collar at the top of the pump) installs 10 ounces of Ride-On. To install less than 10 ounces, secure the bottom of the locking collar at the hash mark that corresponds to the desired number of ounces. If done properly, once secured, the collar covers up the number (in this example the pump is set at 9 ounces).

Optional Tool Kit. This tool kit is provided with HP-300T, HP-400T, and HP-1000T. Included tools:
1. Small valve core tool
2. Long valve core tool
3. Straight chuck for inside dual
4. Reverse chuck for outside dual

Optional 55-gallon Drum Extension. This extension screws onto 5-gallon pail to elongate it so it can be used with a 55-gallon drum. This extension is included with HP-400T, HP-500, and HP-1000 pumps.

**Installation into Tires**
1. Rotate installation tire so that the valve stem is between the 3 and 9 o'clock (bottom half of the tire).
2. Unscrew and remove the valve core from the valve stem using the provided valve core remover tool. The pump is designed to pump against pressures up to 70 psi, but the lower the tire pressure, the easier it is to install.
3. To prevent air from escaping inflated tires, connect the hose via the “quick connect chuck fitting” to the valve stem as swiftly as possible. **Close the ball valve prior to connecting the quick connect chuck to avoid spraying Ride-On.**
4. Open the ball valve; pump the required dosage of Ride-On into the tire. Close the ball valve before removing quick connect chuck from valve stem to avoid spraying Ride-On. Re-attach quick connect chuck to pump collar assembly.
5. Re-install the valve core into the valve stem. **Do not over tighten the valve core.**
6. Inflate the tire to the vehicle manufacturer’s recommended tire inflation pressure.

Please note: It is **NOT necessary** to immediately drive the vehicle after installation. When the vehicle is driven, the Ride-On TPS evenly disperses itself over the entire tread area of the inner surface of the tire. **Until Ride-On TPS has completely coated the inside of your tires, you may experience slight vibrations. 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 pail 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 pail return spout. If storing the product for prolonged periods (more than four weeks), it is recommended that the pump is removed and rinsed with water and the pail lid closed with its cap (step 1 above).