Installation of Ride-On TPS Using 55-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. Screw the hand pump extension tube to the bottom of the 5-gallon hand pump. This elongates the 5-gallon pail pump so it can be used in a 55-gallon drum.
2. Picture of hand pump with extension attached for use with 55-gallon drums.
3. Screw drum adaptor onto bung opening of drum that has fine threads. The drum adaptor can’t be installed on the other bung opening that has course threads.
4. Unscrew drum adaptor collar and remove it.
5. Slide drum adaptor collar onto pump shaft.
6. Insert pump shaft through the drum adaptor and push to the bottom of the drum. Tighten the adaptor collar by screwing it down onto the drum adaptor. This secures the pump assembly.
7. Attach the quick connect chuck fitting at the end of the installation hose to the brass return spout located on the drum adaptor.

10. Prime the pump. With the pump assembled, open the ball valve by turning the handle 90 degrees bringing the valve handle inline with the hose. Circulate the product to the bleed the air in the hose and to prime the pump. This ensures an accurate dosage. 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 the HP-1000 hand pumps. Included tools:

1. Small valve core tool
2. Long valve core tool
3. Straight chuck for inside dual
4. Reverse chuck for outside dual

### 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).