Veyance Technologies, Inc.
703 S. Cleveland Massillon Rd
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## Maxxim Premier Installation Instructions

1 Install the correct hose length and other hanging hardware on the dispenser. This will include whip hose, breakaway, long hose, and nozzle.

a) When installing Maxxim Premier Plus, the end of the hose stamped "NOZZLE END" must be attached to the nozzle.

b) If a hose retractor is required, use the Goodyear Maxguard retractor clamp; part # 532-365-105-000-00.

c) Do not use high retractor tension. High tension is difficult for customers to handle and it reduces the life of the hose. Retractor tension above 12 pounds will void the warranty.

d) Do not mix Maxxim Premier outer or inner hose with components from other manufacturer's stage II hoses. The mixed assembly may not be grounded and could cause a serious fire hazard.

e) Make sure that the long hose does not touch the pavement or the top of the island when the nozzle hangs on the dispenser hook.

2 Tighten the swivel nut to 50 ft. lbs. torque using an open end torque wrench. Do not use a pipe wrench because the teeth on the wrench will damage the fitting. This connection is sealed by an o-ring. Do not apply thread sealant.

- Alternate method: If a torque wrench is not available, turn the swivel nut by hand until snug and the o-ring is seated. Then use a wrench to tighten the swivel nut ¼ turn past snug. This connection has straight threads and must be cinched tight to prevent the threads from unscrewing in service.

One source for an open end torque wrench is Belknap Tools, both part #'s are needed:

- VB-0608005 open end wrench head
- VB-100ST-I wrench handle preset at the factory to 50 ft lbs

After extended service, the swivel nut o-ring can be lubricated with front end bearing grease or Parker O-Lube.

## Maxxim Premier Plus Venturi Pick-up Length Instructions

It is the responsibility of the installer to determine the optimum venturi pick-up length and verify that hoses installed on a dispenser have the optimum pick-up location. Failure to properly size the pick-up location will reduce the effectiveness of the venturi in removing liquid blockage from the outer vapor hose and may result in failure of the liquid removal test.

When the Maxxim Premier Plus hose is assembled in the factory, a mark is placed on the outer hose to locate the venturi pick-up location. This mark will help the installer determine whether the hose has the optimum pick-up location for the installation.

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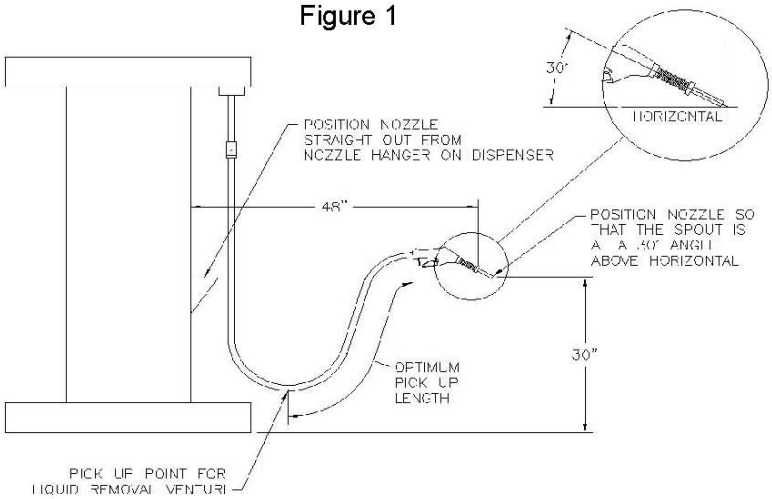
3 Hold the nozzle straight out from the dispenser so that the end of the compressed bellows (simulate when the bellows is compressed in the filler neck of a car) is 48 inches away from the front face of the dispenser (see Figure 1). Hold the nozzle so that the tip of the spout is 30 inches above the pavement and the spout is at a 30° angle above the horizontal plane (see Figure 1). When the nozzle and hose are held in the position shown in Figure 1, the mark on the outer vapor hose should be at the bottom of the loop.

4 If the mark on the hose is not at the bottom of the hose loop as shown in Figure 1, the installer may:

- Adjust the hose retractor (if installed);
- Install a different length whip hose; or
- Install a different long hose with the optimum venturi pick-up location. To determine the optimum venturi pick-up location (e.g., venturi pick-up tube length), conduct the following:

a) Hold the nozzle and hose in the position shown in Figure 1;
b) Measure the length from the back end of the nozzle (where the hose screws into the nozzle) to the bottom of the loop in the hose. This length is the optimum "pick-up" length for Goodyear's Maxxim Premier Plus balance venturi hose.
c) Contact your local Goodyear distributor to obtain a Maxxim Premier Plus hose with the optimum venturi pick-up tube length.

Figure 1




Questions on installation should be directed to your local Goodyear distributor or Goodyear Customer Service, 1-800-235-4632.