

Tech Tip



From your friends at New York Bus Sales

Product Effected – Blue Bird Type C&D

Complaint - The unit appears to have a fuel leak at the tank -

Cause – After looking at the unit and the top of the tank is found to be dry the only other spot found to have an issue is the tank “vent line” which is the rubber line which runs down the side of the and is there to basically exhaust air pressure should the fuel expand under warm conditions.

First item to check is how your drivers are fueling the vehicles as if they read the warning label on the fuel door it clearly states that the fueling nozzle should be removed after it “clicks” and that adding more fuel to that tank will only cause the vent to bypass fuel.

Most vents used in production were of the same style as figure #2 and #3 although there was a vent which was used and is shown in Figure #1. As you can see by the measurement this vent contacts fuel at a lower level than the vents which are shown in Figure #2 and #3. If you look at the design of the tank, especially those “mid-mounted” in the frame even if the “first-click” method is used in fueling the tank it may allow the tank to take on more fuel as there is a 2-1/2” fuel fill line from the tank to the fuel fill which needs to be filled with fuel before it will “click off”.

This higher level when using the vent in Figure #1 may cause the tank to allow fuel to be released from the vent line which would appear as a fuel leak.

Correction Once you are sure this is the location of the leak and have verified the drivers are properly fueling the unit, you should pull the vent and inspect. If the vent line is found to be the issue then the vent is bad or is of the “long” design and contacting the fuel level letting fuel exit the vent. ALL vents are the same thread so they are interchangeable and the new current production vent (#10013053) is the best choice.

TANK VENT
#00066606

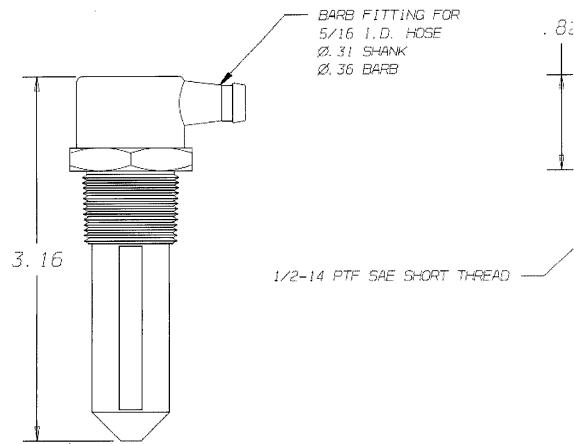


Figure #1

TANK VENT
#01237072

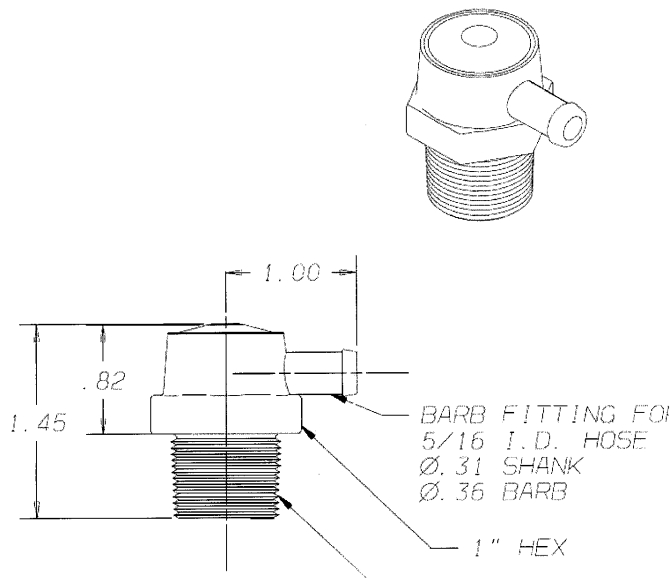


Figure #2

CURRENT PRODUCTION
TANK VENT
#10013053
BEST CHOICE

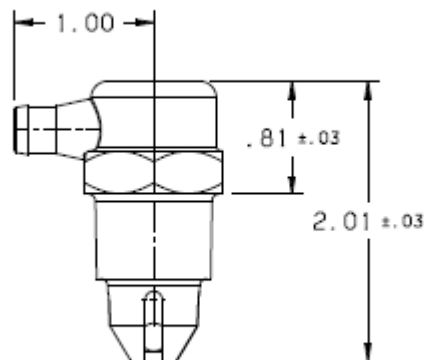


Figure #3

Contact Our Service Department With Any Questions

CHITTENANGO – phone 800-962-5768 or
Daryl Wallace : dwallace@newyorkbussales.com
Brian Lamaitis : blamaitis@newyorkbussales.com

ROCHESTER – phone 800-463-3232 or
Gary Chichester: gchichester@newyorkbussales.com

ALBANY – phone 866-867-1100 or
Ben Reiling: breiling@newyorkbussales.com
Steve Searles: ssearles@newyorkbussales.com

ALL of our Tech Tips can be found on the New York Bus Sales website at
<http://www.newyorkbussales.com/pages/bulletins.cfm>
Or at the New York Head Mechanic website at
<http://www.nyhma.org/viewforum.php?f=2&start=0>