

TECHNICAL SAFETY & SERVICE BULLETIN 516

Stäubli GBV 14 nozzles - for Autogas (LPG) vehicles

Application:

This bulletin applies to all of the Stäubli GBV 14 nozzles distributed by Blossman Services. If you are not the end user of this product, as is the case with our authorized resellers, please communicate this information to all parties responsible for the proper care and servicing of this equipment.

There are several Stäubli documents attached here and not all may directly apply to your nozzle. This bulletin is intended to make the understanding of these documents simpler.

*****PLEASE NOTE: YOUR IMMEDIATE ATTENTION IS REQUIRED FOR THE CONTINUED SAFE AND RELIABLE OPERATION OF THESE NOZZLES!**

Identification:

There are two types of Stäubli nozzles distributed by Blossman Services:

- UL approved (without a locking mechanism on the trigger)
- Non-UL approved (with a locking mechanism on the trigger)

side from having a mechanism to lock the trigger in the “dispensing fuel” position, these two nozzles are essentially same in all other respects. Although separate documents are included for each type, at this time, the maintenance and service procedures are the same for both.

Three of these procedures require your immediate attention:

Maintenance Procedure One - Lubrication:

Blossman Services is recommending that the Stäubli nozzle be lubricated no less than once per month with:

WD-40 Specialist Spray and Stay Gel Lubricant



More applications of lubricant may be required in high traffic applications! Please refer to the following Stäubli documents for proper application and lubricant specifications:

- Stäubli GBV14 Instructions RV1030100E (non-UL type)
- Stäubli GBV14 Instructions RV1030600C (UL type) •

Stäubli TDS GBV14 Jamming Issue Data sheet

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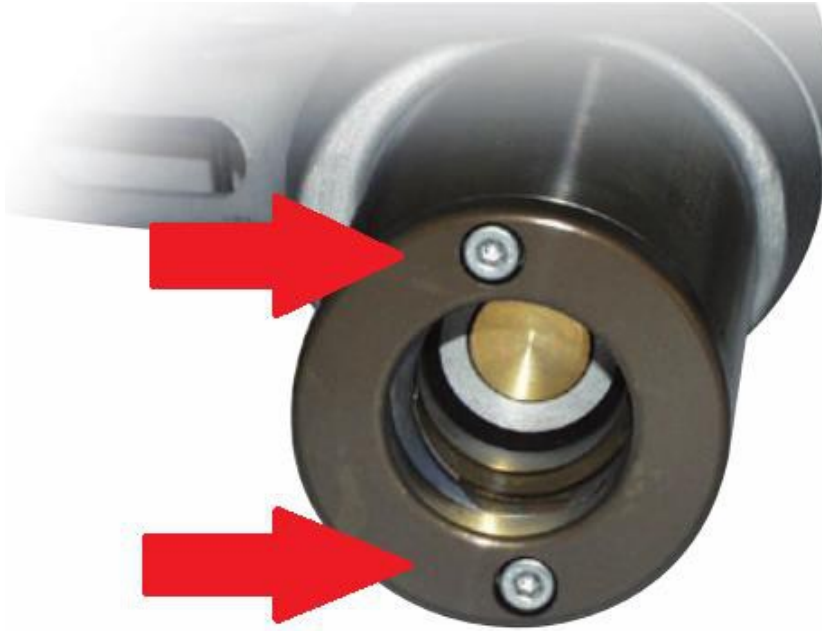
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Maintenance Procedure Two - Front Screw check:

Blossman Services is recommending that the Stäubli nozzle's front screws be checked regularly for proper tightness. If any screws are found to have loosened, they should be removed and reinstalled, one at a time, adding a drop of Loctite® Threadlocker Blue 242® before tightening to 5nm (44in/lbs.).

An inexpensive tool can be found [here](#):

Do not over torque these screws!



IF NOZZLE BECOMES DIFFICULT TO CONNECT OR DISCONNECT FROM VEHICLE'S FILL PORT, LUBRICATION AND THIS SCREW TORQUE CHECK IS THE FIRST COURSE OF ACTION.

Please refer to the following Stäubli documents for proper seal and spring replacement procedures:

- Stäubli GBV14 Instructions RV1030100E (non-UL type)
- Stäubli GBV14 Instructions RV1030600C (UL type)

Maintenance Procedure Three - Seal and spring replacement:

Blossman Services is recommending that the Stäubli nozzle's front seal and locking sleeve spring be replaced annually. Please refer to the following Stäubli documents for proper seal and spring replacement procedures:

- Stäubli GBV14 Instructions RV1030100E (non-UL type)
- Stäubli GBV14 Instructions RV1030600C (UL type)