

**TSB25-1000**

IMPORTANCE: MODERATE

Chemical Compatibility

Technical Service Bulletin

Chemical Compatibility GPRO MODEL V20, V25, PRO35

ISSUE

A recent change in the types of chemical additives used in gasoline blends by some marketers has resulted in material swelling of the carbon vanes used in GPRO pumps. Diesel pumping applications are not affected.

MODELS AFFECTED

Pumps manufactured within the following date range may be affected.

V20: August 2023 – May 26, 2025

V25: November 2020 – May 26, 2025

PRO35: August 2014 – May 26, 2025

SYMPTOM

This condition presents in gasoline pumping applications only and the effects vary dependent upon additives used in the gasoline blend. This may result in high amperage operation or pump seizing. This issue has been isolated to specific blends and does not impact the performance of all vane pumps used in gasoline applications.

REMEDY

Replacing the vanes in the pump will permanently resolve the issue. GPI has selected a replacement vane material enhanced with a compound which is stable in the new gasoline blends. All pumps manufactured after May 25, 2025 are equipped with vanes made using the updated compound.

REPAIR OPTIONS

Repair on site:

GPI will provide repair parts to customers at no charge.

Contact GPI and request a replacement vane kit for your pump.

- | | |
|-------------------------------|--------------------|
| • V20 Replacement Vane Kit: | Part No. 170513-01 |
| • V25 Replacement Vane Kit: | Part No. 170513-01 |
| • PRO35 Replacement Vane Kit: | Part No. 133502-1 |

Estimated time to perform repair is 5 minutes.

Visit the following link and select your pump model for detailed video instructions.



gpi.net/my-pump

REPAIR BY FACTORY:

Contact GPI and request a Return Material Authorization (RMA) to return the pump to the factory for repair. GPI will provide shipping arrangements for return of the pump to the factory. GPI will repair and return the pump to the customer at no charge.

RECOMMENDED TOOLS AND SUPPLIES

Safety Glasses

Nitrile Gloves

Absorbent Cloth

6mm Hex Wrench (V20 and V25)

9/16" Wrench (PRO35)

Always disconnect power before repairing or servicing. Never apply electrical power to the system when any of the cover-plates are removed.

Avoid prolonged skin contact with petroleum fuels use protective goggles, gloves and aprons in case of splashing or spills. Change saturated clothing and wash skin promptly with soap and water.

Smoking, open flames, fires, and open ignition sources are prohibited in the vicinity of this product.



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