

January 14<sup>th</sup>, 2021

**SUBJECT: TecJet 50+ and TecJet 52 (1<sup>st</sup> Gen) Product Support Statement**

This product support statement is applicable for all TecJet 50+ and TecJet 52 (1<sup>st</sup> Gen) variants only. I.e. this statement is **not** applicable for TecJet 50+ PLF, TecJet 85, TecJet 110, and TecJet 52 (2<sup>nd</sup> Gen).

TecJet 50+ and TecJet 52 (1<sup>st</sup> Gen) production will be stopped on December 23<sup>rd</sup>, 2021. From this date only the TecJet 52 (2<sup>nd</sup> Gen) will be available.

The key differences between the 1<sup>st</sup> and 2<sup>nd</sup> generation of TecJet 52 can be identified by:

- TecJet 50+ and TecJet 52 housings are made from a single casting.
- TecJet 52 (2<sup>nd</sup> Gen) is based on 35-pin F-Series ITB with mating flanges.

The second generation TecJet 52 will offer the following (additional) features:

- Increased turndown ratio (from 65:1 to 110:1)
- Lower closed flow leak (20% closed flow area reduction)
- Improved environmental sealing
- More robust for special gases (improved bearing specification)
- Lower weight (31 lbs instead of 40 lbs)
  - Less vibration sensitive

Woodward discourages using TecJet 50+ and TecJet 52 (1<sup>st</sup> Gen) for any new applications or upgrades. We recommend the TecJet 37, TecJet 52 (2<sup>nd</sup> Gen), TecJet 85 and TecJet 110 for new design applications or product upgrades.

Table 1. provides the list of TecJet 52 (2th Gen.) part numbers that can be used to replace the TecJet 50+, TecJet 52 (1<sup>st</sup> Gen.) .

<b>Actual Part Number</b>	<b>Replacement part Number (if applicable)*</b>	<b>Communication Protocol</b>
8407-514	8407-540	EGS-01**
8407-522	8407-534	EGS-02/E3/E6
8407-526	8407-540	EGS-01**
8407-527	8407-534	EGS-02/E3/E6
8407-600	MHI	MHI

**Table 1:** TecJet 52 (2th Generation) replacements

\*\*We will no longer support the EGS-01 protocol in the next generation TecJet valves.

Woodward discourage to use TecJet 50+ and TecJet 52 for new applications or upgrades since the product is in the last stage of the product lifecycle.

Woodward recommends the TecJet 37, TecJet 52 (2<sup>nd</sup> Gen), TecJet 85 and TecJet 110 for new designed applications, or product upgrades.

The TecJet 50+ production will be stopped on October 1<sup>st</sup>, 2020.

Support schedules for the TecJet 50+ and TecJet 52 (1<sup>st</sup> Gen) are below.

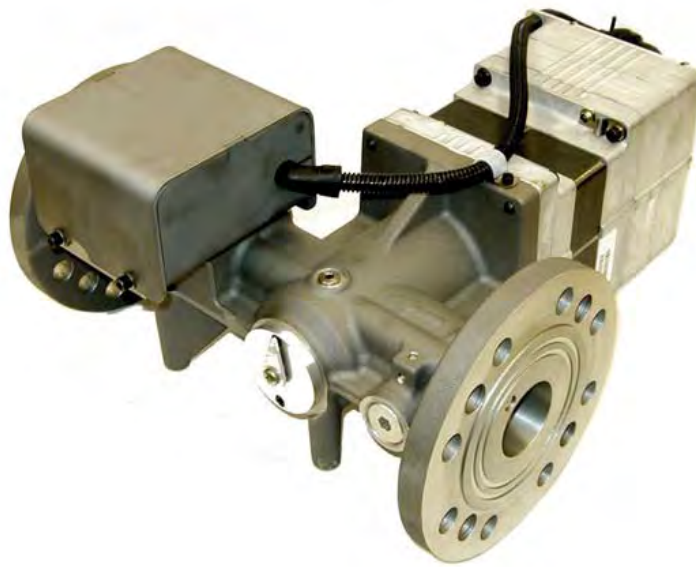
## TecJet 50+ Support Schedule

Now – December 23<sup>rd</sup>, 2021:

- Unlimited new sales
- Unlimited repairs

December 23<sup>rd</sup> onwards:

- Replaced by 2<sup>nd</sup> Gen TecJet 52.



TecJet 50+

Product specification: [03330](#)

Product manual: [26399](#)

## TecJet 52 (1<sup>st</sup> Generation) Support Schedule

Now – December 23<sup>rd</sup>, 2021:

- Unlimited new sales
- Unlimited repairs

December 23<sup>rd</sup> onwards:

- Replaced by 2<sup>nd</sup> Gen TecJet 52.



TecJet 52 (1<sup>st</sup> Gen)

Product specification: [03355](#)

Product manual: [26399](#)

## TecJet 52 (2<sup>nd</sup> Generation) Product Information



TecJet 52 (2<sup>nd</sup> Gen)

Product specification: [03426](#)

Product manual: [26833](#)

Service tool p/n: [10-004-846](#)

Please contact Woodward to discuss this product support statement in more detail.

Yours Sincerely,

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