

January 14th, 2021

SUBJECT: TecJet 50+ and TecJet 52 (1st Gen) Product Support Statement

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

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

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

- TecJet 50+ and TecJet 52 housings are made from a single casting.
- TecJet 52 (2nd 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 (1st Gen) for any new applications or upgrades. We recommend the TecJet 37, TecJet 52 (2nd Gen), TecJet 85 and TecJet 110 for new design applications or product upgrades.

Table 1. provides TecJet 52 (2nd Gen) part numbers that can be used to replace the TecJet 50+ and TecJet 52 (1st Gen).

Table 1: TecJet 52 (2nd Generation) Replacements

Actual Part Number	Replacement Part Number (if applicable)	Communication Protocol
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

(*) EGS-01 protocol will not be supported in next generation TecJet valves

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

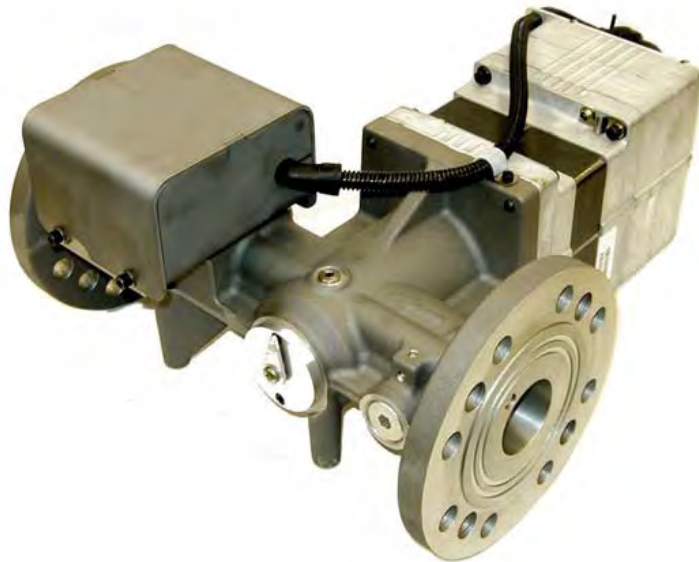
TecJet 50+ Support Schedule

Now – December 23rd, 2021:

- Unlimited new sales
- Unlimited repairs

December 23rd onwards:

- Replaced by 2nd Gen TecJet 52.



TecJet 50+

Product specification [03330](#)

Product manual: [26399](#)

TecJet 52 (1st Generation) Support Schedule

Now – December 23rd, 2021:

- Unlimited new sales
- Unlimited repairs

December 23rd onwards:

- Replaced by 2nd Gen TecJet 52.



TecJet 52 (1st Gen)

Product specification: [03355](#)

Product manual: [26399](#)



TecJet 52 (2nd Generation) Product Information



TecJet 52 (2nd 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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