

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 TecJet 52 (2<sup>nd</sup> Gen) part numbers that can be used to replace the TecJet 50+ and TecJet 52 (1<sup>st</sup> Gen).

**Table 1: TecJet 52 (2<sup>nd</sup> Generation) Replacements**

<b>Actual Part Number</b>	<b>Replacement Part Number (if applicable)</b>	<b>Communication Protocol</b>
239-5791	Caterpillar	OEM
343-1902	Caterpillar	OEM
467-6617	Caterpillar	OEM
453-6077	Caterpillar	OEM
443-7482	Caterpillar	OEM

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

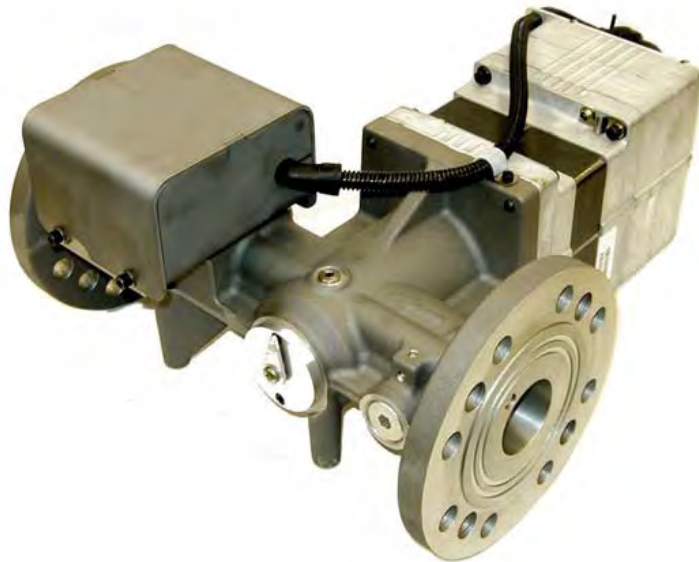
## TecJet 50+ Support Schedule

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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