



Mazda MX-5 Cup Car Technical Service Bulletin #2026-05-12

Optional: Diff & Trans Fluid Transfer Pump (Tilton Model 40-524)

This TSB describes: The introduction of the new optional Differential and Transmission Fluid Transfer Pump for the Mazda MX-5 Cup Car. The Tilton Model 40-524 replaces the previous Genesis Technologies pump. This electric fluid transfer pump is approved for optional use to improve serviceability when filling, draining, or circulating gear oil through the transmission, differential, and associated coolers/lines.

Tilton Model 40-524 Fluid Transfer Pump

Part Number: 40-524 (Tilton)

Description: Intermittent duty electric gear oil transfer pump with 3/8" NPT ports, internal bypass, self-priming.

Application: Transmission and differential fluid transfer on Mazda MX-5 Cup Cars.





Installation Notes:

- The new Tilton pump is a direct functional replacement for the Genesis Technologies unit.
- Mount securely in the same location as the previous pump.
- Verify correct flow direction and electrical connections (12V DC with proper relay/fuse/switch protection).
- Always flush and refill with the currently approved gear oil after installation.
- Test for leaks and proper operation before returning the car to the track.

Order Process: The Tilton Model 40-524 Fluid Transfer Pump can be ordered directly through Flis Performance.

If you have any questions, please contact us at the information below:

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