



## Global MX-5 Cup Car Competitor Information Bulletin #2020-06-24

### 2020 Global MX-5 Cup Competitor Information Bulletin:

This Competitor Information Bulletin Describes:

Recommended fluid capacity in the SADEV Transmission; information about the upcoming release of spec gear oil for the SADEV transmission, H-Pattern Transmission and differential; Notes about the vent tube for the SADEV Transmission; the Homologated SADEV Transmission pressure plate and components and ECU Software information for the Mid-Ohio Test.

### Regarding the SADEV Transmission: Information about the upcoming release of spec gear oil for the SADEV transmission, H-Pattern Transmission and Differential:

- SADEV Transmission Fluid capacity has been updated to 1.5 quarts (Wet System) or 2 quarts (Dry System: New installation including lines and coolers). The [ND2-Instructions-2020-04-15-Global-MX-5-Cup-SADEV-Fluid-Change](#) have been updated to reflect this change.
- Flis Performance will be homologating a spec gear oil for the SADEV Transmission, H-Pattern Transmission and Differential prior to the official GMX-5 race season start at Road America. This homologated spec gear oil will be announced and available for purchase at the Mazda Customer Experience Center Trailer during the Mid-Ohio Test on June 30<sup>th</sup> - 31<sup>st</sup>. Flis Performance highly recommends that all competitors attending, should use this gear oil for the SADEV Transmission, H-Pattern Transmission and Differential at the Mid-Ohio Test.
- All ND.1 and ND.2 cars will be required to run this spec lubricant for the SADEV Transmission, H-Pattern Transmission and Differential in the 2020 Global MX-5 Cup Series.
- Orders for the gear oil can be placed Monday July 6<sup>th</sup> 2020, for those who will not be attending the Mid-Ohio Test. Please contact Ashli Richardson at 386-256-7021 or ashli@flisperformance.com.

### Global MX-5 Competitors: Regarding the SADEV Transmission Vent Tube:

The use of a vent tube on SADEV Transmissions is OPEN to competitors. If teams decide to use a vent tube, insure there are no obstructions or kinks. If teams decide to use a vent tube, please be cautious of the routing.



## Global MX-5 Competitors: Regarding the Homologated SADEV Transmission pressure plate and SADEV components:

The Stock ND.1 Pressure Plate (PE3116410) is the only homologated pressure plate allowed to be used in the Global MX-5 Cup Series with the SADEV Transmission configuration. Please see the list below for the homologated SADEV Transmission Components:

- Sadev Gearbox – (0000-02-5901-SD)
- Shift Rod with load Cell – (0000-02-5903) (Installed on Gearbox)
- ACT Clutch Disc – (0000-02-5438-SS)
- Stock ND1 Pressure Plate – (PE3116410)
- Stock ND1 Release Bearing – (LF01-16-510)
- Driveshaft – (0000-02-5902)
- Driveshaft Bolt Kit Top Hats – (0000-02-5902-BT)
- Banjo Fitting Kit – (0000-02-5902-BJ) (Installed on Gearbox)
- Differential (Limited Slip, Gear Set, Diff cover and Vent) – (0000-02-MS14-SD)
- Wiring Kit (Car Side Loom) – (0000-10-5916)
- Gearbox to Pump Hose – (0000-02-5902-L2)
- Gearbox to Filter Hose – (0000-02-5902-L1)
- Stock ND1 Flywheel – (PEES-11-500)

The instructions for the SADEV Gearbox installation can be found on the Flis Performance website under [ND2-Instructions-2020-03-03-Global-MX5-Cup-SADEV-Gearbox-Installation](#)

## Global MX-5 Competitors: Regarding the latest version of 0106D Bosch ECU Firmware:

All Competitors that are attending the Mid-Ohio test are required to see Flis Performance in order for your ECU to be manually flashed with the latest version of 0106D before going out on track. This newest version of 0106D has not been released to the public.

Please contact Ashli Richardson with any questions in regards to this Competitor Information Bulletin at 386-256-7021 or [ashli@flisperformance.com](mailto:ashli@flisperformance.com)

Thank you for your time.

Flis Performance