

## GPOP - Issue Review System

**Part Number:** 68550586A\$, 68540647A\$, 05106270A\$, 68306795A\$

**Part Description:** DIFFERENTIAL, Rear Axle (KL 4WD w/DK2 = 1-SPEED RDM)

**Issue Description:** The Differential, Rear Axle (aka RDM) design, pump design, Driveline Control Module (aka DLCM) hardware & software and pressure sensor have all changed in the past few years. The changes are not interchangeable and each had a separate implementation date. Please comprehend it to avoid repeat repairs. There are 2 sections each with 3 sub-sections: 1) For 2014/5 VINs with DK2 = 1-spd RDM 2) For 2016 and later VINs with DK2 = 1-spd RDM 1) For 2014/5 VINs with DK2 = 1-spd RDM 2014 - 2015 VINs were built with a 1-speed RDM used a 24 plate clutch design. New service RDMs 68550586A\$ use a 20-plate design. 1.1) If replacing the RDM - 24 plate and 20-plate design RDMs are NOT interchangeable unless the Drive Line Control Module (DLCM) is also replaced. · 68550586A\$ service RDMs have a 20 clutch plate design · Not all 20-plate RDMs have the new pump design. The new pump requires a new DLCM. · All new service RDMs are shipped with the new pump design. · If a new 68550586AA service RDMs is installed, then replace the DLCM with new DLCM 68540647AA - 1-spd designed for the 20-plate RDM. 1.2) If replacing the DLCM but not the RDM or pump assembly, then · If the RDM is the original 24 plate design then use 68540645AA - 1-spd, 24 plate DLCM AND replace the pump with 68551790AA · If the RDM is the new 20 plate design then use 68540647AA - 1-spd, 20 plate DLCM AND also replace the pump with 68551790AA new pump unless the RDM previously had a 68551790AA installed. 1.3) If replacing the pump assembly, then use 68551790AA (new pump) AND also replace the DLCM with the version that matches the correct version of the RDM (24 or 20 plate). · Use 68540645AA for the 24 plate RDM with a new pump. · Use 68540647AA for the 20 plate RDM with a new pump. 2) For 2016 and later VINs with DK2 = 1-spd RDM Early 2016 were built with 68090612AG 24 plate RDMs. Use Section 1 "For 2014/5 VINs with DK2 = 1-spd RDM" to resolve. The balance of MY 2016 and all later VINs built with a 1-speed RDM used a 20 plate clutch design. Use instructions below to resolve. 24 plate and 20 plate design RDMs are NOT interchangeable unless the Drive Line Control Module (DLCM) is also replaced. Not all 20 plate RDMs have the new pump design. The new pump requires a new DLCM. All new service RDMs are shipped with the new pump design. 2.1) If replacing the RDM - 68550586A\$ service RDMs have a 20 clutch plate design. 68550586A\$ uses a new pump and pressure sensor design 2.2) If replacing the DLCM but not the RDM assembly, then use · New DLCM 68540647AA - 1-spd, 20-plate for use with new pump and press sensor AND also replace the pump with 68551790AA new pump 2.3) If replacing the pump assembly, then use 68551790AA (new pump) AND · If vehicle has original 4kHz DLCM then replace with new, 68540647AA - 1-spd, 20 plate, new pump and press sensor · If vehicle has newer 6kHz DLCM then just re-flash Original 4kHz DLCM pn's: 68260175AA-AE Newer 6kHz DLCM pn's: 68308879AA-AB, 68540647AA-AB