

SIL 02-WT-18
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SUBJECT: TID1 Retarder Temperature Sensor

MODELS AFFECTED: 3000/4000/B/T Series Product Family Transmissions, equipped with a TID1 Retarder

Introduction:

From 1992 to 1998, 3000 and 4000 Series transmissions were built with positive temperature coefficient sump and retarder thermistors. These temperature sensors were designated “TID1” to differentiate them from the negative temperature coefficient “TID2” thermistors that were introduced in 1998. Refer to Service Information Letter (SIL) 7-WT-98 for additional information.

Issue:

TID1 Retarder Temperature Sensor P/N 29512616 has become obsolete and is replaced by P/N 29559235. This sensor is a component of other serviceable assemblies that are also being replaced by new part numbers. Refer to [Table 1](#) below.

Table 1.

Former P/N	Current P/N	Description	Usage
29512616	29559235	Sensor-Temperature, Retarder (TID1)	3000 and 4000 Series TID1 retarder-equipped transmissions.
29510662	29559464	Harness-Wiring, Assembly, 6-Pin	Pre-98 3000 Series (formerly MD) TID1 Retarder transmissions
29511861	29559465	Harness-Wiring, Temperature, Retarder Pigtail	4000 Series (formerly HD) TID1 Retarder transmissions

Interchangeability:

The new TID1 Retarder Temperature Sensor P/N 29559235 is fully interchangeable with the former temperature sensor P/N 29512616. Likewise, the new wiring harness assemblies, P/Ns 29559464 and 29559465 are fully interchangeable with the former wiring harnesses, P/Ns 29510662 and 29511861, respectively.

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