

SIL 21-TR-18
July, 2018
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SUBJECT: Defective Normally Open Pressure Switch P/N 29506484

MODELS AFFECTED: All H 40/50 EP Drive Units™, 3000 and 4000 Series Transmissions Prior to 4th Generation Controls

Introduction:

The normally open pressure switch (P/N 29506484) is used in all H 40/50 EP Drive Units™ and all 3000 and 4000 Series transmissions prior to the release of 4th Generation Controls. Each Drive Unit utilizes two (2) switches for C1 and C2 clutch control. A single switch is used in all pre-4th Gen 3000 and 4000 Series transmissions for C3 clutch control. Each switch has a four (4) digit manufacture date code stamped on the metal retainer bracket (refer to [Figure 1](#)). The first two (2) digits represent a week number and the last two (2) digits represent a year. [Figure 2](#) shows an example of the date code stamped with "3015" representing the 30th week of 2015.

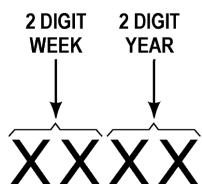


Figure 1. Date Code Format



Figure 2. Example "3015"

ML / SL8176EN

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Please Note: Allison Transmission Service Information Letters are intended for use by professional, trained technicians, not for the "do-it-yourselfer." They are written to inform those technicians of conditions that may occur on some transmission models (or serial numbers ranges) or to provide information that could assist in the proper servicing of a specific Allison transmission. Properly trained technicians have the equipment, tools, safety instructions, and know-how to do a job properly and safely. If a condition is described, do not assume that the Service Information Letter applies to your transmission, or that your transmission has the condition described. Product evolution and information updates are inevitable. Please see your authorized Allison Transmission service dealer or distributor to understand if your particular transmission may benefit from the information contained within the Service Information Letter.

Allison Transmission recommends that any new stock with stamped manufacture date codes 0117 (1st week of 2017) through 1818 (18th week of 2018) be returned per Service Policy Letter (SPL) #20, New Defective Return Material Process and Warranty Material Return Process, available on the Allison HUB. A credit will be issued towards purchase of replacement parts.

The pressure switch P/N 29506484 is also included in two (2) service kits:

- Two (2) switches in the basic overhaul kit P/N 29559233 for H 40/50 EP Drive units.
- One (1) switch in the master overhaul kit P/N 29548989 for 3000 Series transmissions.

Allison Transmission recommends that these two (2) kits be returned per SPL #20 for credit and purchase of a replacement kit.