

Revisions to this document are noted
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SIL 7-EP-15, Rev. B
January, 2018
Page 1 of 2

SUBJECT: California Air Resources Board (ARB) CertPlus Part Number Release

MODELS AFFECTED: H 40/50 EP™ System

Introduction:

Effective March 3, 2015, Allison Transmission received certification from the California Air Resources Board (ARB) to sell the model year 2015 Allison H 40/50 EP™ hybrid propulsion system paired with the Cummins ISB6.7 and ISL9 diesel-electric hybrid engines for transit buses and coaches.

Allison Transmission is releasing CertPlus part numbers that are to be used on OEM builds going to ARB adopting states. The CertPlus numbers will allow Allison Transmission to track warranty and unit history as dictated by the ARB executive order.

Serviceability:

For Aftermarket replacement in CARB states, if the transit bus was built in 2015 or newer the H 40/50 EP™ Drive Unit, Dual Power Inverter Module (DPIM), and Energy Storage System (ESS) must be replaced with like CertPlus units. For example a DPIM replacement would require a CertPlus DPIM (P/N 29557104). CertPlus units may be serviced with detail parts or kits that are non CertPlus parts. The following P/Ns are designated CertPlus replacements for top level components.



NOTE: CertPlus components must NOT be used in vehicles sold to non-ARB adopting states.

CertPlus Drive Unit part numbers:

- P/N 29557036 – H 40 EP™ Drive Unit with Half Round Yoke
- P/N 29557038 – H 40 EP™ Drive Unit with Output Flange
- P/N 29556925 – H 50 EP™ Drive Unit with Half Round Yoke
- P/N 29556926 – H 50 EP™ Drive Unit with Output Flange

CertPlus Dual Power Inverter Module (DPIM) part number:

- P/N 29557104 (DPIM2)

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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.

CertPlus Energy Storage System (ESS) part number:

- P/N 29556875 (ESS2)
- P/N 29557576 (ESS3)

CertPlus Hybrid Control Module (HCM) part number:

- P/N 29557110 (Transmission Control Module (TCM) and Vehicle Control Module (VCM))