GPRN

GLOBAL PROGRAMMING RELEASE NOTIFICATION

SUBJECT: End of Line (EOL) Programming System Modifications Related to Allison Transmission 6th Generation Controls 2022 (BCN 224) Software and Calibrations

MODELS AFFECTED: 1000, 2000, 3000 and 4000 Series (Including B and T Models) Transmissions

Introduction:

Allison Transmission, Inc. (ATI) announces the release of Allison Transmission 6th Generation Controls 2022 Production Calibration (PC) (BCN 224) Software Features and Enhancements. The BCN 224 release is available on May 3, 2022. This Global Programming Release Notification (GPRN) describes how these changes may affect EOL programming systems.

NOTE: BCN 224 is recommended by Allison Transmission for global adoption. Refer to Allison Transmission Technical Data or contact your Customer Integration Engineer for information regarding features and enhancements included in the release.

Discussion:

1. **224 DAT Packages (1000/2000/3000/4000)**

   Following the BCN 224 release, new BCN 224 DAT packages (B12-H06.pkg, C12-H06.pkg and N12-H06.pkg) will be available on the Allison HUB™ (refer to Table 1). These DAT packages will need to be installed on the Vehicle Electronic Programming Stations (VEPS) prior to using the BCN 224 content described in this document.

NOTE: DAT packages are compressed files and should be delivered with a “PKG” file extension. Some users reported receiving DAT packages with a “ZIP” extension during previous release versions. In the unlikely event this occurs, the file extension must be changed to “PKG” before use by the VEPS system.

Action Required: Update VEPS with new DAT packages prior to programming TCMs with BCN 224 software and calibrations. Allison Transmission, Inc. recommends that OEMs update their locations with the latest DAT packages as soon as possible. **Use of the BCN 224 release without updating to the latest DAT packages will result in a failed VEPS event.**

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Allison Transmission • One Allison Way, Indianapolis, Indiana 46222-3271 • (317) 242-5000 • *allisontransmission.com*

2. **Required VCP Update (5.1)**

   Allison VCP version 5.1 is the required minimum version for OEMs programming BCN 224. VCP V5.1 is required for all OEMs programing 6th Generation Controls and is backward-compatible with 5th Generation Controls as well. The VCP, VCP Controller and all relevant help documentation is available on the Allison HUB™ (refer to Table 1). Further details regarding VCP V5.1 are available in GPRN 2021-01.

   Action Required: Update VEPS with VCP V5.1 (or greater) prior to programming BCN 224. Allison Transmission, Inc. recommends that OEMs update their locations with the latest VCP as soon as possible.

Release Plan Timing:

Table 1. Release Plan Timing

Description	Release Date
BCN 224 Programming Guides	May 3, 2022
BCN 224 Content Available	May 3, 2022

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