

Revisions to this SIL are noted
by a stripe in the left hand margin.

8-1K2K-07 Rev. A
May, 2014
Product Code(s):
Page 1 of 5

SUBJECT: GMT 560 Calibration Lookup by VIN and Download Process

MODELS AFFECTED: 1000 and 2000 Product Families in GMT 560 Platforms

Introduction:

Factory installed Allison TCMs in GMT 560 Platforms containing 1000 or 2000 Product Family transmissions do not have the transmission specific CIN (calibration identification number) printed on the label. GMT 560 Platforms are found in medium duty GMC TopKicks and Chevrolet Kodiaks. The CIN printed on these TCMs only references transmission software and therefore cannot be used when calibrating a replacement TCM. TCMs impacted include Allison 4th Generation Controls A40 TCMs and Pre-Allison 4th Generation Controls TCMs that are installed in these vehicles. When one of these TCMs in service fails and the CIN cannot be read electronically, technicians must use the VIN to lookup the appropriate calibration for the vehicle. The purpose of the SIL is to inform the service channel on how to find and download the appropriate calibration for a replacement TCM to be used in these vehicles. This procedure does not apply to other TCMs and vehicle combinations except for GMT 560 vehicles with a 1000 or 2000 Product Family transmission.

Allison Transmission, Inc.
Indianapolis, IN 46206-0894

BM / SL5560EN

Copyright 2013 Allison Transmission, Inc. All Rights Reserved.

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 number 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 leader or distributor to understand if your particular transmission may benefit from the information contained within the Service Information Letter.

GM VIN Lookup for Calibration ID:

Go to <https://tis2web.service.gm.com/tis2web>

Enter the VIN for a GM vehicle.

TIS - Microsoft Internet Explorer

Address: <https://tis2web.service.gm.com/tis2web>

SPS Info

Service and Parts Operations

M4645: To obtain the latest electronic controller calibration information for your vehicle, enter the vehicle's 17 character Vehicle Identification Number (VIN) and select 'Get CAL ID'.

To obtain the Calibration Verification Number (CVN) for any calibration part number, enter the part number of the calibration ID and select 'Get CVN.'

VIN:

Part Number:

1. ENTER VIN AND CLICK GET CAL ID

VH10963.00.00

Controller: Please select ...

- RAD Radio
- PCM/VCM Powertrain/Vehicle Control Module
- ATC Active Transfer Case Module
- IPC Instrument Panel Cluster
- TCM Transmission Control Module**
- GPCM Glow Plug Control Module

Selected Options:

VIN:

2. SELECT THE
TRANSMISSION CONTROLLER MODULE

VH10965.00.00

The screenshot shows a window titled "Calibration Information". At the top is a "Complete History" button. Below it is a "Module:" label with a dropdown menu currently showing "Operating system" and "Transmission" as an option. An arrow points from the text "3. SELECT THE TRANSMISSION MODULE" to the "Transmission" option. Below the dropdown is a list of GM Calibration IDs: "94665007 - Transmission", "94666035", and "94666198". An arrow points from the text "4. COPY DOWN THIS GM CALIBRATION ID" to the "94666198" ID. The window has a standard Windows-style border.

VH10965.00.00

For step 4, the most current GM Calibration ID will be at the bottom/right of the series of numbers. In many cases there will just be one number listed.

Login to Allison TCM Reflash and Download Calibration:

The screenshot shows a window titled "TCM Database Selection". It contains five buttons stacked vertically: "WT - Production", "1000/2000 - Production", "4th Gen - Production", "Off Highway - Production", and "EP 40/50 - Production". The window has a standard Windows-style border.

VH10966.00.00

When downloading a calibration using the GM Calibration ID, CIN, or TCM Assembly Number, you will need to select the appropriate Database.

For Allison 4th Generation TCMs, select the 4th Gen Database. For Pre-4th Generation TCMs, select the 1000/2000 Database.

Enter the GM Calibration ID into the TCM Assembly Number field in the TCM Reflash program. Only GM calibration numbers or Allison TCM Assembly Numbers can be downloaded using this field. Other OEM part numbers are not valid.

Add Calibration to Download Information

Calibration Information

CIN

TCM Assembly Number

Quantity

☒ Newest Calibration
☐ Exact Calibration

☐ Calibration for Dyno Usage or Stock TCM/ECU

View Summary Report

View Shift Point Report

Add Cancel

5. ENTER GM CALIBRATION ID

VH10967.00.00

Click the **Add** button to return to the main TCM Reflash window and then **Submit** calibration for download.

Enter in the appropriate calibration request information and click **Done** to download the calibration.

Calibration Verification / Request

Calibration Request 1 of 1

CIN or TCM:

Transmission S/N:

Optional

PO/RO:

VIN:

ReCal Type:

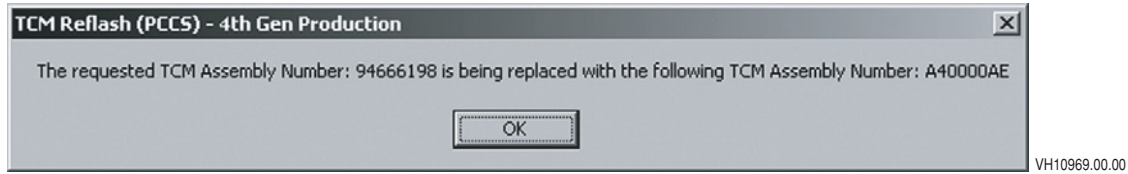
Customer Name:

Comments:

Done Cancel Add Another

VH10968.00.00

A message will pop up after the calibration has downloaded displaying the Allison TCM Assembly Number. Please reference this number from this point forward.



NOTE: TCM Reflash will not allow a user to load 2500 or 3500 Series GM Pickup Truck calibrations into TCMs. Please contact your local GM Dealership to calibrate a GM Pickup Truck TCM.

Support Information:

Please contact your local IT department for issues accessing <https://tis2web.service.gm.com/tis2web>. This is a public website and technicians who use Allison TCM Reflash need to be able to access this website.

While using TCM Reflash to download the calibration, if the GM Calibration ID does not return an Allison Calibration, please contact Allison TAC at 1-800-252-5283 and TAC will forward you to an available Service Technology Group representative for assistance.