

SUBJECT: Allison DOC™ For PC-Service Tool V7.5.0 Update

MODELS AFFECTED: All 1000, 2000, 3000, 4000 Product Families, 5610, 6610, 8610, 9610 Series, 5000, 6000, 8000, 9000 Series, and MT(B) 600, CL(B)T, V, HT(B) 700 Series Transmissions

AFFECTED SERIAL NUMBERS: All

## **Introduction**

The Allison DOC™ For PC-Service Tool V7.5.0 update will be available in October 2008, as a "no charge" internet download for all the Allison DOC™ For PC-Service Tool V7.x.x users. Allison Transmission recommends all V7.x.x users upgrade to V7.5.0, as this new version incorporates new features and important enhancements discussed below.

Because Allison DOC™ updates are cumulative, Allison DOC™ For PC-Service Tool V7.5.0 includes the modifications from all earlier versions of this application. Therefore, Allison DOC™ For PC-Service Tool V7.5.0 can be applied to the original installation of Allison DOC™, version 7.0.0. In order to upgrade the software to V7.5.0, V7.x.x must be already installed on the PC. Earlier versions of the service tool (e.g. V5.0.0, V6.0.0, V6.2.0, etc.) cannot be upgraded to V7.5.0, unless V7.0.0 (CD-based upgrade) is first installed.

Specific enhancements and new features included in V7.5.0, as well as downloading and installation procedures are the main topics addressed in this SIL. This service information letter is not intended to replace or supersede SIL 12-TR-07, SIL 25-TR-07, SIL 08-TR-08 and SIL 12-TR-08, but to complement them, as users transition to V7.5.0. It is advisable to still refer to SIL 12-TR-07, SIL 25-TR-07, SIL 08-TR-08, SIL 12-TR-08, and the internet ([www.allisontransmission.com](http://www.allisontransmission.com)| Service | Electronic Tools) for details related to PC platform requirements, training requirements, V7.0.0 CD ordering information, and other pertinent information.

## **New Features and Enhancements included in V7.5.0:**

The Allison DOC™ For PC-Service Tool V7.5.0 update includes the following new features/functions:

- Includes updates to the TRANSHEALTH™ Report feature - This feature allows Allison DOC™ For PC-Service Tool V7.5.0 (and later) users (with Reprogramming section enabled) to generate reports for MY06 - MY08 4th Gen Control Systems. The reports contain the following information:
  - Current status of transmission clutches (information read from TCM)
  - Summary of present Diagnostic Trouble Codes (information read from TCM)
  - Transmission service performed (technician's input)
  - Service recommendations/comments (technician's input and Service Tool's transmission condition assessment)
  - Vehicle/Transmission Information (technician's input)
  - Distributor/Dealer information (technician's input)
- Includes updates to the TRANSHEALTH™ Monitor feature - This feature allows all Allison DOC™ For PC-Service Tool V7.5.0 (and later) users to obtain a general clutch condition indication. The results of this test (Good: Green, Not Good: Red, Inconclusive: Gray) will be based on the logic we currently have in TRANSHEALTH™ Reports.

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### **Download and Installation Procedures:**

There are three ways to download and install Allison DOC™ For PC-Service Tool V7.5.0:

#### **1. Update Application feature:**

From the Allison DOC™ For PC-Service Tool V7.x.x main menu, select *Software Configuration*. Then, select the *Update Application* tab, click on  button, and follow the instructions on the screen. Depending on the internet communication system, this process may take several minutes. Please be patient.

#### **2. Update URL:**

From the software main menu, select *Software Configuration*. Click on the displayed URL (i.e. <http://www.noregon.com/allisondoc/docupdate.html>). Once the Update Website is displayed, click on  for V7.5.0, and select  option. Select the Desktop from the "Save in:" pull-down menu, or any other easy-to-access location on the PC, and save the ***DOC750update.exe*** file. Once the file is successfully downloaded, make sure to close the Allison DOC™ For PC-Service Tool software, double-click on the ***DOC750update.exe*** file, and follow the instructions on the screen.

#### **3. Allison Transmission Website:**

Go to [www.allisontransmission.com](http://www.allisontransmission.com) | Service | Electronic Tools, and select Updates from the Table of Contents. Click on the link to V7.5.0 download. Once the Update Website is displayed, click on the  button for V7.5.0, and select  option. Select the Desktop from the "Save in:" pull-down menu, or any other easy-to-access location on the PC and save the ***DOC750update.exe*** file. Once the file is successfully downloaded, close Allison DOC™, double-click on the ***DOC750update.exe*** file, and follow the instructions on the screen.

#### **NOTES:**

- 1. Two MS-DOS screens may appear during the update process. It is very important not to interrupt this process until the install is completed.**
- 2. Once the "V7.5.0 has been successfully applied" window is displayed, and you click OK, the Acrobat Reader upgrade process may start. Please follow the instructions on the screen.**

### **Acronyms List**

DOC: Diagnostic Optimized Connection  
MY: Model Year  
PC: Personal Computer  
SIL: Service Information Letter  
TCM: Transmission Control Module  
URL: Universal Resource Locator