



## StarSCAN® & StarMOBILE™ Release Notes — 7.02

DaimlerChrysler Corporation  
Dealer Technical Operations  
CIMS 486-02-60  
Global Service Diagnostics  
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StarSCAN® Application Ver.: 7.02  
StarSCAN® Operating System Version: 1.55  
StarMOBILE™ Application Ver.: 7.02  
StarMOBILE™ Operating System Ver.: 0.40.0  
Build Number: 295  
Release Date: 1<sup>st</sup> September, 2006

This release of *StarSCAN*® & *StarMOBILE*™ software can only be retrieved via the Internet. An update CD will NOT be sent to your dealership for this release. To update your *StarSCAN*® and/or *StarMOBILE*™ diagnostic tool via the internet the *StarSCAN*® & *StarMOBILE*™ software version must be at version 7.01 or greater and properly configured to your dealership's network.

Because upcoming flash reprogramming events require version 7.02 . This release is being linked to flash files access. All tools must be updated to 7.02 for all flash downloads.

For assistance setting up your *StarSCAN* and/or *StarMOBILE* on your dealerships network, refer to the networking guides and tutorials located at <https://dealerconnect.chrysler.com> by navigating to DealerCONNECT > Service > Repair > StarSCAN and StarMOBILE Tools. These guides and tutorials are also available from <http://www.dcctools.com> in the 'Download Center' and 'Training Aids' sections.

### StarSCAN® & StarMOBILE™ Release 7.02 Supported Vehicles:

- 2004 HB
- 2005 HB, LX, ND, WK, WH
- 2006 DR, HB, KJ, LX, LE, ND, NM, PT, WK, WH, XK, XH
- 2006 LX SRT-8, WK SRT-8, DR SRT-10, PT 1.6L
- 2007 CS, DR, HB, HG, JK, JS, KA, KJ, LX, MK, ND, NM, PM, PT, WK, XK, PT 1.6L

### Detailed Vehicle Support Information:

- 2007 PCM EDC16-U31 PM, MK, & JS – Updated "Program Variant Code" routine.
- 2004-2007 PCM NGC3 – Fuel Rich Fail Timer Bank 2 corrected in OBDII Monitors.
- 2004-2007 PCM NGC3 – Global Disable state encodings corrected to display proper disable condition.
- 2004-2007 PCM NGC3 – Intrusive Timer fixed in 1/2 O2 Monitor Pre-Test.
- 2004-2007 PCM NGC3 – Added Finish button to end of O2 Heater Test routine.
- 2006-2007 PCM NGC3 - Mis-Fire 1000 Rev Counter removed from Mis-Fire monitor. No longer supported.
- 2007 PCM EDC16-CP31 JK – Removed manufacturing routines from service application.
- 2007 PCM EDC16-CP31 JK – Program Variant Code routine updated.
- 2005-2007 PCM EDC16-CP31 WH, LE, XH – DPF routines qualified to only show when DPF is present on the vehicle.
- 2007 PCM CM2100 Cab/Chassis & Pickup – Error 104 fixed when Environmental Data is selected.
- 2007 PCM CM2100 Cab/Chassis & Pickup – Reset Fuel Pressure Limiting Valve Accumulators routine added.

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- 2007 PCM CM2100 Cab/Chassis & Pickup – P2299 added to applicable DTCs.
- 2007 PCM CM2100 Cab/Chassis & Pickup – Bussed Inputs data reads fixed.
- 2007 PCM CM2100 Cab/Chassis & Pickup – DTC display corrected to display correct DTC number
- 2007 PCM CM2100 Cab/Chassis & Pickup – Freeze frame data corrected to display correct data.
- 2007 PCM CM2100 Cab/Chassis & Pickup – Set RPM System Test corrected to work properly in park and neutral.
- 2007 PCM CM2100 Cab/Chassis & Pickup – Cylinder Performance Test corrected to work properly in park and neutral.
- 2007 PCM CM2100 Cab/Chassis & Pickup – Fuel Pressure Override routine corrected to work properly in park and neutral.
- 2007 PCM CM2100 Cab/Chassis & Pickup – Injector Quantity Adjustment routine functioning now due to ECU security removal.
- 2007 PCM CM2100 Cab/Chassis – O2 Sensor readings removed.
- 2006-2007 PCM CM849 – Changed scaling for PPS 1 & 2 Voltages to graph correctly.
- 2007 MK – Added Rollover Detection routine
- 2007 HB/HG – Added Rollover Detection routine
- 2006 – 2007 KJ CCN – Corrected Seatbelt Minder Enable/Disable routine
- 2006 – 2007 LX FCM – Updated the Restore Vehicle Configuration to work during multiple ECU replacement scenarios
- 2006 – 2007 HB FCM – Updated the Restore Vehicle Configuration to work during multiple ECU replacement scenarios
- 2006 – 2007 ND FCM – Updated the Restore Vehicle Configuration to work during multiple ECU replacement scenarios
- 2006 – 2007 WK FCM – Updated the Restore Vehicle Configuration to work during multiple ECU replacement scenarios
- 2006 – 2007 XK FCM – Updated the Restore Vehicle Configuration to work during multiple ECU replacement scenarios
- 2006 – 2007 DR TIPM – Updated the Restore Vehicle Configuration to work during multiple ECU replacement scenarios
- 2006 – 2007 PT TIPM – Updated the Restore Vehicle Configuration to work during multiple ECU replacement scenarios
- 2007 CS BCMCGW – Updated the Restore Vehicle Configuration to work during multiple ECU replacement scenarios and updated the customer programmable features configuration
- 2006 - 2007 KJ - Added "Program Spare Tire Sensor ID" to the WCM
- 2006 - 2007 KJ – Added "TPM Sensor Test" to the WCM
- 2006 - 2007 KJ – Added "TPM Trigger Module Test" to the WCM.
- 2007 JK TIPM – Updated the Restore Vehicle Configuration to work during multiple ECU replacement scenarios and updated the customer programmable features configuration
- 2007 KA TIPM – Updated the Restore Vehicle Configuration to work during multiple ECU replacement scenarios and updated the customer programmable features configuration
- 2007 JS TIPM – Updated the Restore Vehicle Configuration to work during multiple ECU replacement scenarios
- 2007 PM TIPM – Updated the Restore Vehicle Configuration to work during multiple ECU replacement scenarios
- 2007 MK TIPM – Updated the Restore Vehicle Configuration to work during multiple ECU replacement scenarios
- 2007 KJ BCM – Added Update Model Year to 2007 routine to fix tool connection issues with 2007 KJ's
- 2006-2007 LX – Added new Misc. Function to the FCM for "Police VTA"
- 2006 KJ – Added new Misc. Function to the BCM to "Enable/Disable DRL"
- 2006-2007 DR – Added new Misc. Function to the TIPM to "Enable/Disable DRL"
- 2007 CS – Added power liftgate inhibit monitor support
- 2007 CS - Added "Program Spare Tire Sensor ID" to the WCM

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- 2007 CS – Added “TPM Sensor Test” to the WCM
- 2007 CS – Added “TPM Trigger Module Test” to the WCM.
- 2005 – 2007 EGS52/53 – Updated state displays and binary conversions in both data display and environmental data so complete name will display
- 2005 – 2007 ESM - Updated state displays and binary conversions in both data display and environmental data so complete name will display
- 2007 GPEC - Updated state displays and binary conversions in both data display and environmental data so complete name will display
- 2007 CVT - Updated state displays and binary conversions in both data display and environmental data so complete name will display
- 2007 AISIN - Updated state displays and binary conversions in both data display and environmental data so complete name will display
- 2007 NGC4 Trans only – Added event data
- 2007 NGC4 OBDII Monitors – Fixed fuel level percent
- 2007 GPEC/EATX – Removed 4C Solenoid Mode Control from actuators
- 2007 GPEC/EATX – Removed MS Solenoid Mode Control from actuators
- 2007 GPEC/EATX – Added Quicklearn support
- 2007 AISIN – Added support for P2806
- 2007 NGC4 trans – Quicklearn fixed for all NGC4 transmissions with the exception of 68RFE which does not have full support in the ECU
- 2007 NGC4 – Missing S/C Switch Voltage 1
- 2007 NGC4 – TPS voltages still reading incorrect
- 2007 NGC4 – engine only with EGS52/53 transmission has transmission data items, Actuators, System Tests and Misc functions that should not be displayed under NGC4 engine
- 2007 GPEC – Added ESIM Forced Monitor Test
- 2007 GPEC OBDII Monitors – ESIM Small Leak Last Result does not display properly, displayed as a list
- 2007 AISIN – Added Quicklearn
- 2007 AISIN – Added Enable/Disable Mobile PTO
- 2007 NGC4 – Spark Advance is inaccurate
- 2007 NGC4 – Injector Pulse Wide Cylinders 7 & 8 show up on engines without 7 & 8 cylinders
- 2007 NGC4 – S/C Working Status displays in hex, rather than state encoded
- 2007 GPEC – Replaced System Voltage with Battery Voltage
- 2007 NGC4 – Cylinder #6 Deactivation actuator added
- 2007 NGC4 – Added ESIM Switch to data display
- 2007 NGC4 CS – Rad Fan Actuator does not work

### Core Software Information:

#### New Features:

- Added initial '07 ZH core software support.

#### Enhancements:

- ‘View All DTCs’ enhancements made for the '07 CS.
- StarSCAN and StarMOBILE connect and disconnect events have been improved for connection to the '07 CS.