



## StarSCAN® & StarMOBILE® Release Notes — 8.01

Chrysler Corporation  
 Dealer Technical Operations  
 CIMS 486-02-60  
 Global Service Diagnostics  
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 Auburn Hills MI 48326-2766

StarSCAN® Application Ver.: 8.01  
 StarSCAN® Operating System Version: 1.70  
 StarMOBILE® Application Version: 8.01  
 StarMOBILE® Operating System Version: 0.52.9  
 Build Number: 22  
 Release Date: 6/25/2007

This release of **StarSCAN® & StarMOBILE®** software can only be retrieved via the CD. An update CD will be sent to your dealership for this release.

*For assistance setting up your StarSCAN® and/or StarMOBILE® on your dealerships network for future internet release updates, 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® Supported Vehicles:

#### Supported Vehicle Applications:

Model Year	Vehicles
2004	HB
2005	HB, LX, ND, WK, WH
2006	DR, HB, KJ, LX, LE, ND, PT, WK, WH, XK, XH
2007	CS, DR, HB, HG, JK, JS, KA, KJ, LX, LE, MK, ND, PM, PT, VB, WK, WH, XK, XH, ZH
2008	CS, DR, HB, HG, JK, JS, KA, KK, LX, LE, MK, ND, PM, PT, RT, WK, WH, XK, XH, ZB

### Detailed Vehicle Support Information:

#### Updates/New Features:

MY(s) / Vehicle(s)	ECU	Change Description	Tracking #
2004-2008	PCM NGC3	Added S/C Cutouts 1-8 for OBDII Monitors	
2007 VB	BCM	Added "Disable In Plant Mode" Misc. Function	
2007 VB	ECM-diesel	Added the "Manual Diesel Particulate Filter Regeneration" Misc. Function	
2008 ALL	ALL	New Model Year diagnostic support for all ECUs	
2008 ZB	BCM	Added data read for trunk switch	
2008 ZB	PCM VENOM	Added support for VENOM module	



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### Fixes/Corrections:

MY(s) / Vehicle(s)	ECU	Change Description	Tracking #
2004-05 HB	FCM	Added cluster reset to the Restore Vehicle Configuration routine	
2004-08 HB	CCN	Added Software "Code" Part Number to ECU Details	
2004-2008	PCM NGC3	Purge Vapors System Test – Corrected error 152 when first entering routine	
2004-2008	PCM NGC3	Fuel Rich Monitor Banks 1 & 2 – Corrected error 104	
2004-2008	PCM NGC3	Corrected Bank 2 Adaptive Memory system error	
2004-2008	PCM NGC3	Corrected 1/1 and 2/1 O2 SOC Monitors to display vehicle speed in MPH instead of KM/H	
2005 WK	PCM NGC3	Re-added Enable Emissions Rolls Test Mode	
2005 WK	PCM NGC3	O2 Heater System Test re-enabled to actuate O2 heaters	
2005-08 LX	CCN	Added Software "Code" Part Number to ECU Details	
2005-08 ND	CCN	Added Software "Code" Part Number to ECU Details	
2005-08 WK	CCN	Corrected error when running CCN Self Test	
2005-08 WK	CCN	Corrected error when running CCN Gauge Test	
2005-08 WK/WH/LE/ XH	ECM Bosch EDC	Swirl Actuator error corrected to no longer display "Engine must be running"	FIELD-27
2005-2008 WK/XK	SCM	Configure SCM routine corrected.	
2006 DR SRT 10	WCM	Program Ignition Keys routine corrected for false detection of P0633 DTC.	
2006-07 DR	CCN	Corrected errors with Actuators	
2006-07 HB/HG/WK/ XK	DDM / PDM	Window actuator – No options given when selected or sets exception when executed - fixed	
2006-07 HB/HG/WK/ XK	DDM / PDM	Mirror position test sets exception – test applied to wrong variant module (applied to non-memory) door module	
2006-08 DR	CCN	Added Software "Code" Part Number to ECU Details	
2006-08 NM	CCN	Added Software "Code" Part Number to ECU Details	
2006-08 PT	CCN	Added Software "Code" Part Number to ECU Details	
2006-08 WK	CCN	Added Software "Code" Part Number to ECU Details	
2006-08 WK/XK	ORC	Added a qualifier for the Rollover Detection routine to not display on the vehicle unless equipped with side airbags	
2006-08 XK	CCN	Added Software "Code" Part Number to ECU Details	
2006-08 XK	CCN	Corrected error when running CCN Self Test	
2006-08 XK	CCN	Corrected error when running CCN Gauge Test	
2007 HB/HG	HVAC	Added "Refrigerant Temperature Sensor Voltage" and "Refrigerant Temperature Sensor Degrees" data display back	FIELD-55
2007 JS	TIPM	Updated the configuration written during the Restore Vehicle Configuration routine	
2007 KA	DMF	Removed actuators not for service (HW 12v Supply, Offset, Gain Adjustment)	



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MY(s) / Vehicle(s)	ECU	Change Description	Tracking #
2007 KA	TIPM	Updated the configuration written during the Restore Vehicle Configuration routine	
2007 MK	HFM	Added ECU Reset	
2007 MK	TIPM	Updated the configuration written during the Restore Vehicle Configuration routine	
2007 PM	TIPM	Updated the configuration written during the Restore Vehicle Configuration routine	
2007 LX/L2	FCM	Updated the configuration written during the Restore Vehicle Configuration routine including lamp loadshed enable bit for L2 vehicles	
2007 PM/MK	CCN	Added "HVAC Switch Position" and "HVAC Switch Voltage" data display back	FIELD-45
2007 PT/JS	Radio	Added Tone Test	
2007 VB	ABS	Updated the Manual Variant Coding routine	
2007 VB	ECM Diesel	Fixed the ECU Auto Replacement routine's "communication with new ECU" failure	
2007 VB	ECM-gas	Updated the Manual Variant Coding routine	
2007 VB	EIS	Updated routine messages displayed during the Program New Ignition Key FOB and the Erase All Keys and Program New Key FOB routines	
2007 VB	ORC	Updated the Manual Variant Coding routine	
2007 VB	PTS	Removed "ALL LED Display" and "LED Zebra Display" actuators which were incorrectly displaying	PRODUCTION-10
2007 VB	Radio	Fixed the Radio AGW Initialization routine	
2007 VB	TCM	Updated the Manual Variant Coding routine	
2007 WK	FCM	Updated the configuration written during the Restore Vehicle Configuration routine	
2007 XK	CCN	Added LIN Data under Data Display	
2007 XK	FCM	Updated the configuration written during the Restore Vehicle Configuration routine	
2007-08 DR	ECM CM2100	Correct VGT Position scaling to read 0-100%	FIELD-23
2007-08 HB/HG	ORC	Added a qualifier for the Rollover Detection routine to not display on the vehicle unless equipped with side airbags	
2007-08 HG	CCN	Added Software "Code" Part Number to ECU Details	
2007-08 JK	CCN	Added Software "Code" Part Number to ECU Details	
2007-08 KA	CCN	Added Software "Code" Part Number to ECU Details	
2007-08 KA	ORC	Added a qualifier for the Rollover Detection routine to not display on the vehicle unless equipped with side airbags	
2007-08 MK	CCN	Added Software "Code" Part Number to ECU Details	
2007-08 PM	CCN	Added Software "Code" Part Number to ECU Details	
2007-08 PM/MK	ORC	Added a qualifier for the Rollover Detection routine to not display on the vehicle unless equipped with side airbags	
2007-2008 PM/MK/JS/DR	TIPM	Temporary Tip Start Disable routine added.	
2008 JS	PTCM	Added message to "Manual Top Movement" routine	
2008 JS	Radio	Tests are doubled – removed one test	
2008 KA/JK	CCN	Added Seatbelt Minder Enable/Disable	
All	SDAR	Actuator - Tone Generator sets exception when executing, removed actuator use SDAR to Radio Tone Test in System Test menu	
NGC4 OBDII Monitors	PCM	Fixed monitor status that was displaying in hex or the incorrect status	
NGC4	PCM	Added proper configs to Injector Pulse Width Cylinders 7 and 8	
NGC4	PCM	ESIM Forced Monitor test displaying status rather than no value	



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MY(s) / Vehicle(s)	ECU	Change Description	Tracking #
GPEC	PCM	Added downstream O2 monitor in OBDII Monitors	

### Known Issues:

MY(s) / Vehicle(s)	ECU	Change Description	Tracking #
2008 LX	N/A	The vehicle topology found in the network view displays incorrectly	
NGC4	PCM	ESIM Forced Monitor Test status displays stopped when test is running rather than in progress. This is a PCM issue and cannot be fixed with the tool	

### Core Software Information:

#### Updates/New Features:

MY(s) / Vehicle(s)	ECU	Change Description	Tracking #
N/A	N/A	Added support for StarMOBILE Desktop Client to work with Windows Vista	CORE-487
2009 HB	All	Added feature to provide failure mode information to the user	CORE-386
All	All	Updated vehicle reconfiguration component	CORE-478
2008 All	All	Added flash support for new '08 MY ECUs that support ECU flash	Various

#### Fixes/Corrections:

MY(s) / Vehicle(s)	ECU	Change Description	Tracking #
All	All	Corrected flash part number read for StarMOBILE Standalone Mode so it now refreshes after a flash has been performed	CORE-506
2007 VB	All	Corrected ECU part number to display in the proper format	CORE-464
All	All	Addressed issue that was causing the 'Freeze Frame' button to be enabled for ECUs that do not support 'Freeze Frame' data	CORE-488