



## StarSCAN® & StarMOBILE® Release Notes — 9.01

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StarSCAN® Application Ver.: 9.01  
 StarSCAN® Operating System Version: 1.75  
 StarMOBILE® Application Version: 9.01  
 StarMOBILE® Operating System Version: 0.56.10  
 Build Number: 22  
 Release Date: June 27<sup>th</sup>, 2008

***This release of StarSCAN® & StarMOBILE® software can only be retrieved via the Internet. An update CD will NOT be sent to your location for this release. To update your StarSCAN® and/or StarMOBILE® diagnostic tool via the internet, the StarSCAN® & StarMOBILE® software version must be at version 8.05 or greater and properly configured to your dealership's network. Be advised that all internet downloads for the StarSCAN® require the use of a USB key and will be used during the download process.***

***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® 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, JC, JK, JS, KA, KK, LC, LX, LE, MK, ND, PM, PT, RT, WK, WH, XK, XH, ZB, ZH
2009	DR*, DS*, HB, HG, HB/HG-HEV, JC, JK*, JS*, KA*, KK*, LC*, LX*, LE*, MK*, ND*, PM*, PT*, RT*, WK*, WH*, XK*, XH*, ZB*

\* denotes new vehicle support added for this release

### Detailed Vehicle Support Information:

#### Updates/New Features:

MY(s) / Vehicle(s)	ECU	Change Description	Tracking #
2009 HB/HG-HEV	ABS	Added "Initialize ECU" Misc. Function	
2009 HB/HG-HEV	ABS	Updated Data Display and Actuators	
2009 LC	AMP	Updated "Tone Test" System Test with increased volume	
ALL Except (DR,PT)	AMP	Updated the volume level in the AMP "Tone Test" System Test	
2009 HB/HG-HEV	BPCM	Added "BPCM Replace" Misc. Function	
2009 HB/HG-HEV	BPCM	Added "View Hybrid Battery Reasons Contactor Not Closing When Commanded" Misc. Function	
2009 HB/HG-HEV	BPCM	Added "View Stored Hybrid Battery Reasons Contactors Opened" Misc. Function	



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2009 HB/HG-HEV	BPCM	Added "View Stored Reasons Contactor Not Closing When Commanded" Misc. Function	
2009 HB/HG-HEV	BPCM	Moved all actuators from Actuators to Misc Functions	
2009 DR,HB,HG,JC,KA, KK,LC,LX,RT	CCN	Added Dealer Contact support Misc. Functions	
2009 LX,LC	CCN	Updated "Enable/Disable Auto Door Lock/Unlock" Misc. Function to update on 1st button press	
2006 DR	ECM Diesel	Added Cancel button to the "View/Reset Duty Cycle Accumulators" Misc. Function	
2007 - 2008 KK	ECM Diesel	Updated "Differential Pressure Sensor Replacement" Misc. Function	
2007 - 2008 KK	ECM Diesel	Updated "Manual Diesel Particulate Filter Regeneration" Misc. Function	
2007 - 2008 VB	ECM Diesel	Added additional data items for the StarMOBILE data recorder	FIELD-393
2007 - 2009 DR	ECM Diesel	Added "Bio Diesel Enable/Disable" Misc. Function	
2007 - 2009 DR	ECM Diesel	Added "View Trans Data" Misc. Function. Removed Aisin only transmission data from Data Display and added to this Misc. Function.	
2009 HB/HG-HEV	HCP	Added "HCP Replace" Misc. Function	
2009 HB/HG-HEV	HCP	Added "Regenerative Brake Control" Misc. Function	
2009 HB/HG-HEV	HCP	Added "Regulation of Low Voltage Control" Misc Function	
2009 HB/HG-HEV	HCP	Added additional data to "Internal Combustion Engine Stop Inhibit Reasons" Misc. Function	
2009 HB/HG-HEV	HCP	Added data values to "Aux Trans Pump Fluid Supply Solenoid" Misc. Function	
2009 HB/HG-HEV	HCP	Added display messages to the user stating what vehicle speed is required for each gear during "Hybrid Trans Gear Selection" System Test	
2009 HB/HG-HEV	HCP	Added Hybrid Battery State of Charge and Low Voltage Circuit Voltage to "Enable Jump Assist" Misc. Function	
2009 HB/HG-HEV	HCP	Added internal combustion engine inhibit start reasons to list of items user can view during "View Hybrid Commanded Engine Status" Misc. Function	
2009 HB/HG-HEV	HCP	Added pre-conditions to the "Hybrid Trans Start/Stop" Misc. Function	
2009 HB/HG-HEV	HCP	Moved all actuators to Misc. Functions	
2009 HB/HG-HEV	HCP	Updated text length for "View ESMR Battery Usage History" Misc. Function	
2009 HB/HG-HEV	HGM	Added "TPIM Cooling Fan Actuation" Misc. Function	
2004 - 2006 HB	HVAC	Added "ATC Data Display" Misc. Function (moved ATC only data items from Data Display to this Misc. Function)	
2004 - 2006 HB	HVAC	Added "Rear AC and Rear Wiper Data Display" Misc. Function (moved these data items from Data Display to this Misc. Function)	
2005 - 2009 ND 2006 - 2009 DR	HVAC	Removed ATC, Rear AC, and Rear Wiper Data Display (does not apply to this vehicle)	
2009 HB/HG-HEV	HVAC	Updated "Aux Heater Pump Coolant Temp Test" Misc. Function	
2007 - 2009	PCM GPEC	Improved ESIM Forced Monitor Test	
2007 - 2009	PCM NGC4	Improved ESIM Forced Monitor Test	
2008 - 2009 ZB	PCM Venom	Added a Key Cycle prompt to the end of ETC and Memory Misc. Functions and System Tests	
2008 - 2009 ZB	PCM Venom	Updated Purge Vapor System Test data values to show Short Term Adaptive values when changing purge mode	
2007 - 2009 JK	Radio	Added "JK_HFM-Enable" Misc. Function for the JK HFM Mopar Accessory kit	
2009 HB/HG-HEV	TCM	Added "TCM Replace" Misc. Function	
2009 HB/HG-HEV	TCM	Corrected Trans Temp conversion for "Trans Cleaning Procedure Trigger" Misc. Function	
2009 HB/HG-HEV	TCM	Moved all actuators to Misc. Functions	
2009 HB/HG-HEV	TCM	Removed "Transmission Solenoid Control" Misc. Function	
2008 DR	TIPM	Added "Accessory Time Delay" Misc. Function	
2008 RT, JC, LX,	WCM	Updated "PCM Replaced", "Program Ignition keys", and "ELV Replace" Misc.	FIELD-191



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MY(s) / Vehicle(s)	ECU	Change Description	Tracking #
WK, XK		Functions to indicate to the user when the WCM has entered the Anti-Scan Lockout Mode	
2009 KK, RT	WCM	Added "LRSM Re-adaption" Misc. Function	

### Fixes/Corrections:

MY(s) / Vehicle(s)	ECU	Change Description	Tracking #
2009 HB/HG-HEV	ABS	Removed "ABS Pump Feed" from Data Display	
2009 LC	AMP	Corrected error152 for all System Tests	
2007 - 2008 JK	ASBS	Removed "Battery Voltage" from Data Display (not supported by ECU)	
2007 - 2008 JK	ASBS	Updated several items in Data Display for clarification purposes only	FIELD-175
2009 HB/HG-HEV	BPCM	Corrected "Battery Pack Fan Test" System Test	
2008 - 2009 RT, KK	CCN	Added missing LIN Data Display items back	FIELD-363
2008 LX	CCN	Added missing MTC HHAC MUX to Data Display	FIELD-360
2006 - 2008 PT	DDM/ PDM	Updated Door Ajar Switch Status for Data Display	
2007 KA	DMF	Removed Dome Lamp On from Data Display (not supported by ECU)	
2007 - 2008 VB	ECM Diesel	Updated several actuators	
2007 - 2009 DR	ECM Diesel	Added a delay timer for "Reset Regen Filter Timers"	
2007 - 2009 PM	ECM Diesel	Corrected Data Display items which displayed as "----"	
2008 - 2009 LX, KA, WK	ESM	Removed Data Display items for hall effect sensors	FIELD-405
2008-2009 HB, HG, ND	FCM	Removed headlamp washer Data Display and Actuators (not supported by ECU)	
2006 - 2008 DR	FDCM	Removed "Disengage Toothcount Threshold" from Data Display (not supported by ECU)	
2006 - 2008 DR	FDCM	Updated several items in Data Display for clarification purposes only	FIELD-289
2008 DR	FDCM	Corrected ability to connect to this ECU	
2008 RT	FSM	Removed "Unknown" from multiple actuator menus	
2009 HB/HG-HEV	HCP	Corrected System Error in the "Enable Jump Assist Routine" Misc. Function	
2009 HB/HG-HEV	HCP	Corrected error message display for the "Trans Aux Pump Speed" Misc. Function	
2009 HB/HG-HEV	HCP	Removed "High Voltage Contractor Circuit" Misc. Function	
2009 HB/HG-HEV	HCP	Removed several Data Display items with "----"	
2009 HB/HG-HEV	HCP	Updated data values for "Transmission Auxiliary Pump Test" Misc. Function	
2008 - 2009 RT	HVAC	Corrected "Cool Down Test" System Test (error 152)	
2008 - 2009 RT	HVAC	Added missing Front Mode Actuator to Data Display	FIELD-375
2009 JC	HVAC	Updated "Cool Down Test" System Test with a time delay	
2006 WK	PCM	Corrected the "Mis-Fire Pre-Test" data	FIELD-196
2006 WK	PCM	Corrected the 1/1 SOC Monitor Threshold Type for OBD Monitors	FIELD-195
2008 - 2009	PCM / TCM NGC4	Added missing Transmission Actuators (qualification)	FIELD-159
2006 - 2008 WK, XK	PTS	Corrected the "Configure PTS" Misc. Function qualification to only display on vehicles equipped with front sensors	
2007 - 2008 VB	PTS	Corrected the Null Pointer exceptions thrown while running various actuators	
2008 HB, HG	SAS	Removed Reset ECU (not supported)	
2006 - 2008 PT, JS, PM, MK	TIPM	Removed the "Actuate Engine ASD" Misc. Function from all TIPM6 vehicles except DR	
2007 - 2008 KA/KK	TIPM	Removed the duplicate "Program Tire Size" Misc. Functions (issue in 8.05 only)	FIELD-366
2008 KA, KK	TIPM	Updated available tire sizes used within the "Program Tire Size" Misc. Function	
2008 LX	TIPM	Added 20-inch tire options to the "Program Tire Size" Misc. Function for the 5.7L engine package	FIELD-381
2007 - 2009 JS	WCM	Updated "ELV replaced " Misc. Function to force the user to run the WCM Replace and Program Ignition Keys Misc. Function prior to ELV Replace along with a delay timer	FIELD-320 FIELD-383
2008 DR	WCM	Added missing "Updated Tire Pressure Threshold" Misc. Function	



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MY(s) / Vehicle(s)	ECU	Change Description	Tracking #
2008 JS	WCM	Removed Bussed Inputs items (Ignition Status and etc.) (not supported by ECU)	
2009 LC, DS	WCM	Removed 'Transponder ID in the Key in Ignition' from Data Display (not supported by ECU)	
2004-2007 HB,ND,WK,XK,LX	WCM	Corrected error message when running "WCM Replace"	FIELD-387
All	WCM	Updated user messages for the "Program Tire Sensor IDs w/ TPM Tool" for StarMOBILE usage	FIELD-376

### Known Issues:

MY(s) / Vehicle(s)	ECU	Change Description	Tracking #
2009 DS	CCN	Dealer Contact Info Misc. Functions works on the scantool, however the CCN will not display the message to the user	
2009 LC	PEM	PEM ECU will display in ECU View and Network Topology even when the PEM is not equipped	
2007 – 2008 VB	All ECUs	"ECU Auto Replacement" Misc. Functions sets an error 152	



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### Core Software Information:

#### Updates/New Features:

MY(s) / Vehicle(s)	ECU	Change Description	Tracking #
ALL (with TPM)	TPM	Added ability for routines to specify sensor ID length	CORE-612
ALL	ALL	Added support for simultaneous KWP2000 and UDS broadcast commands during an ECU Reset.	CORE-611
ALL	ALL	Added new unit conversions	CORE-609
ALL	ALL	Environmental data is now ordered by it's position in the response message from the ECU.	CORE-562

#### Fixes/Corrections:

MY(s) / Vehicle(s)	ECU	Change Description	Tracking #
ALL	ALL	Fixed incorrect user message when copying files to a USB key on StarSCAN	CORE-606
2007	VB	Removed 'reserved' actuator options.	CORE-597
Vehicles with legacy protocols	ALL	Enlarged the 'Reading DTCs' message box to ensure that the text is not cut off for ECUs with long names.	CORE-588