



Tech Tips

TT 24-11-04

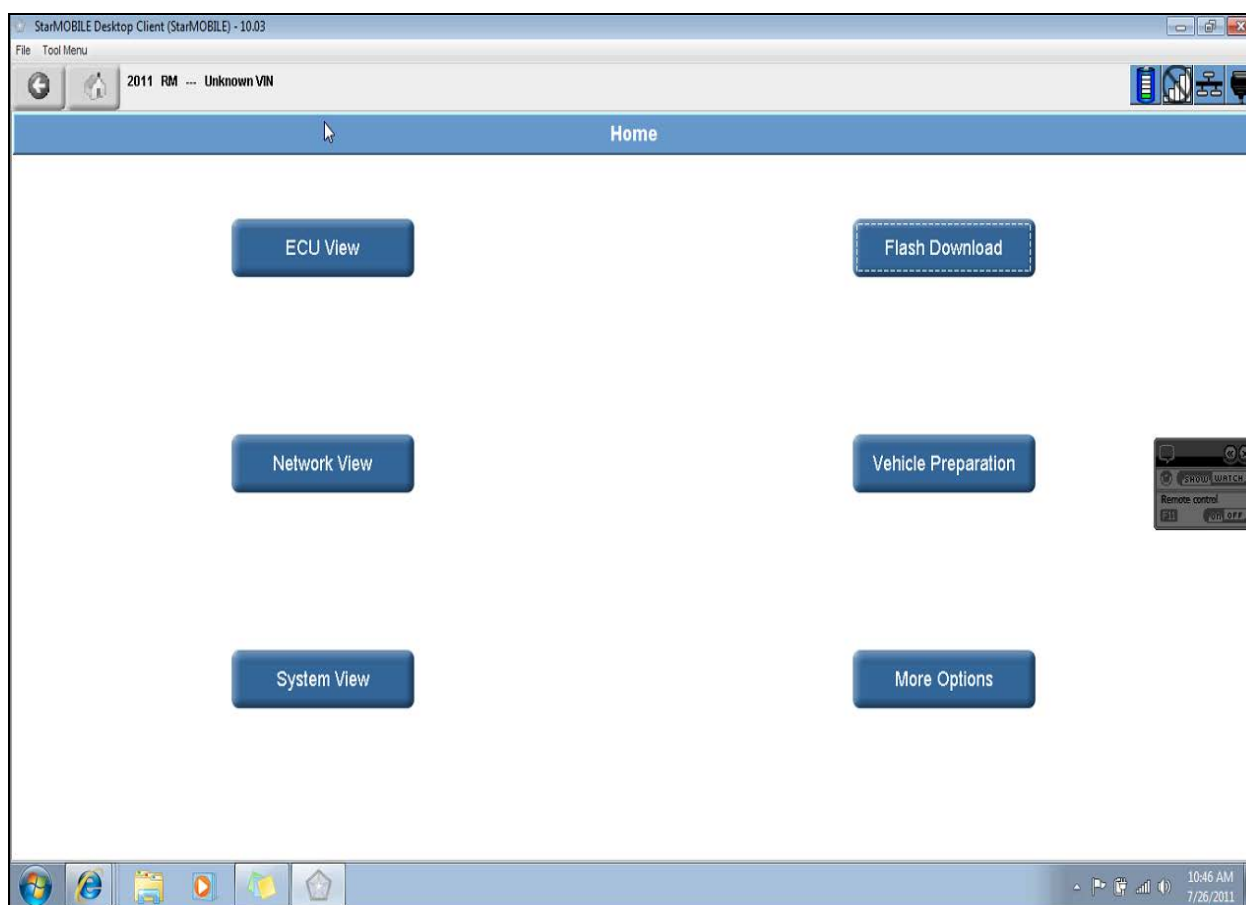
Date: August 26, 2011

2009-2013 Routan – Powertrain Control Module (PCM) Adaptation

November 23, 2012: Update to information.

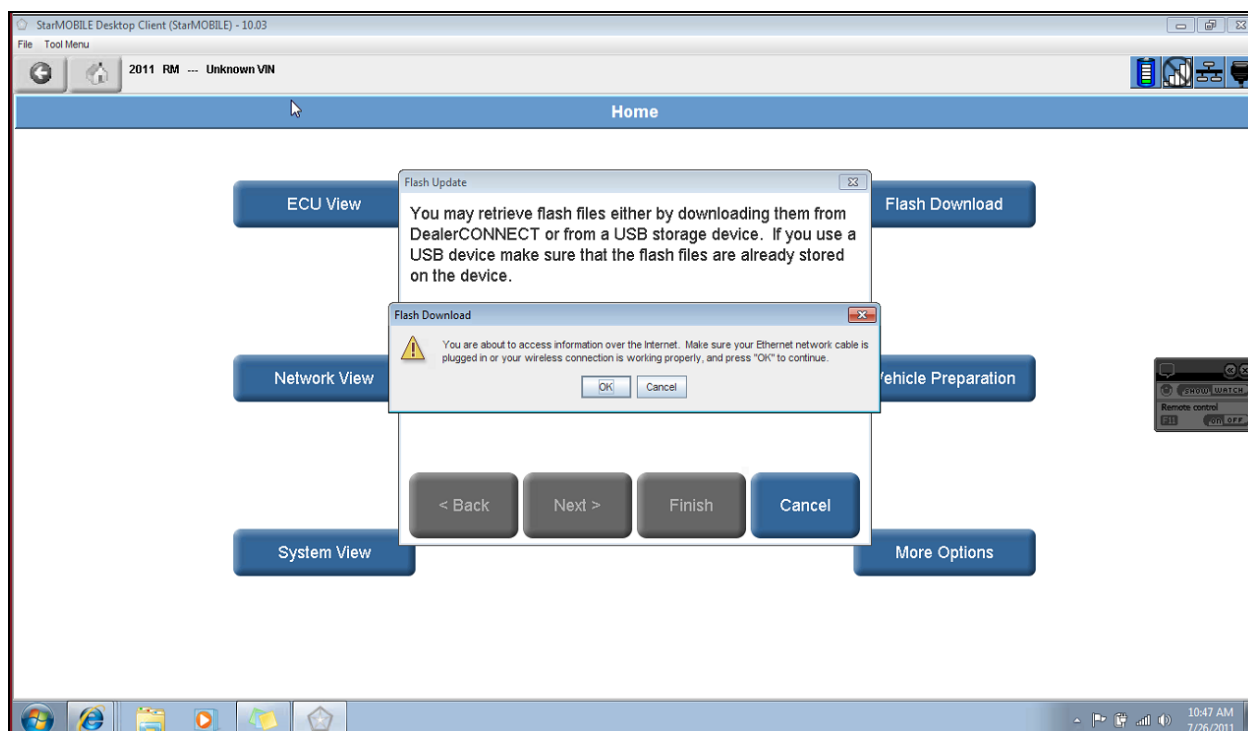
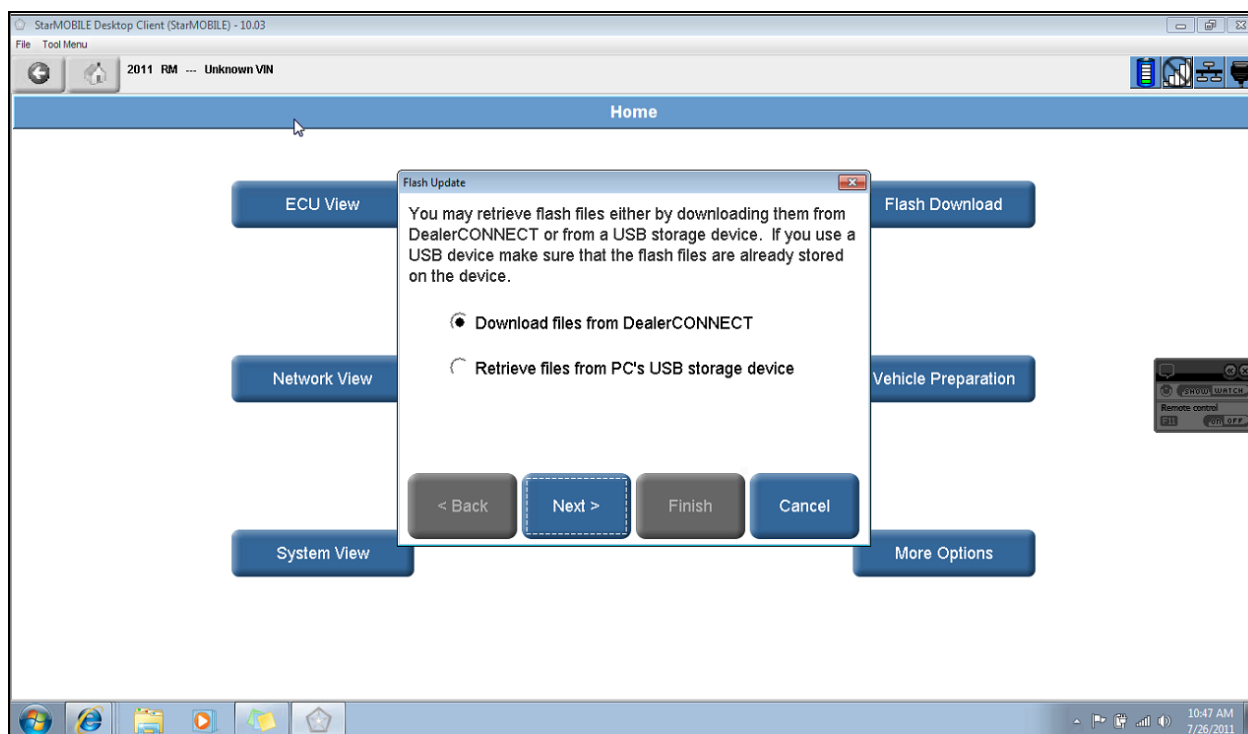
For any concerns regarding adaptation of the PCM, make sure the StarMOBILE diagnostic tool is updated to the latest level (currently 10.04.15) and use the following screens to perform the adaptation.

If StarMOBILE diagnostic tool requires software update, file can be downloaded from a link in document VSS-12-02, available on ServiceNet under Workshop Equipment> StarMOBILE Diagnostic Tool> Service Information.



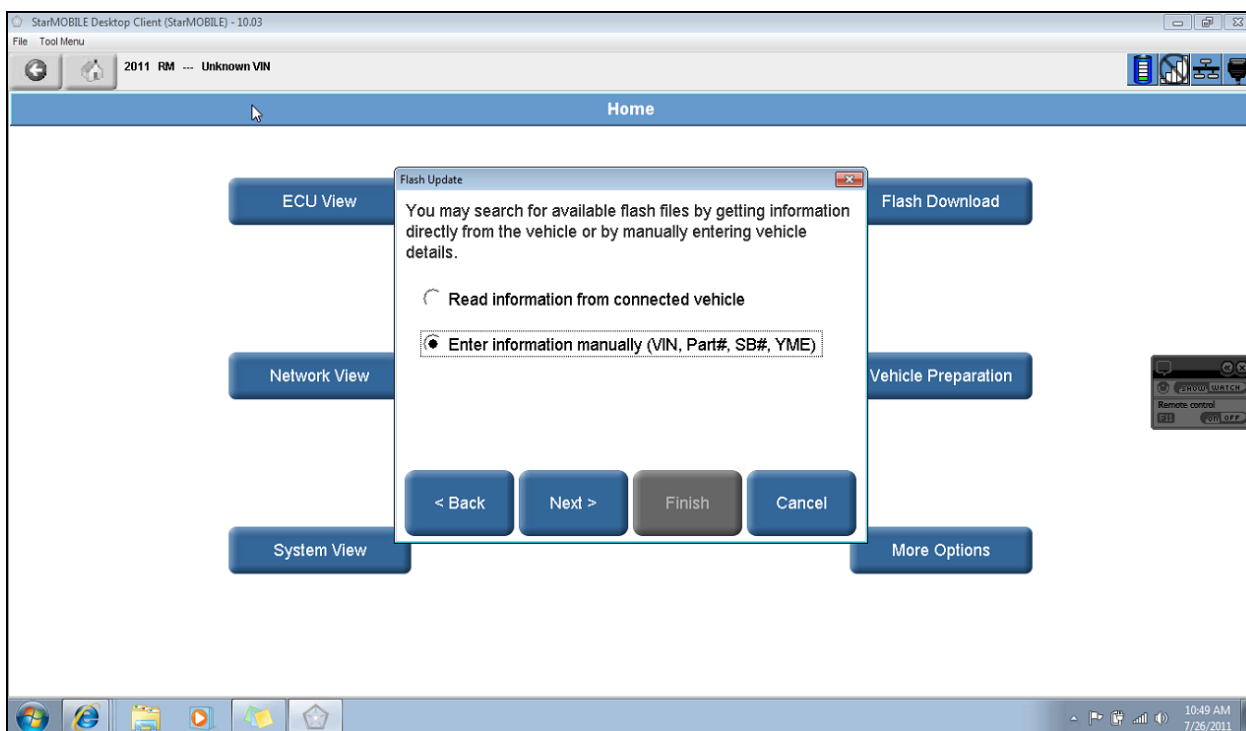
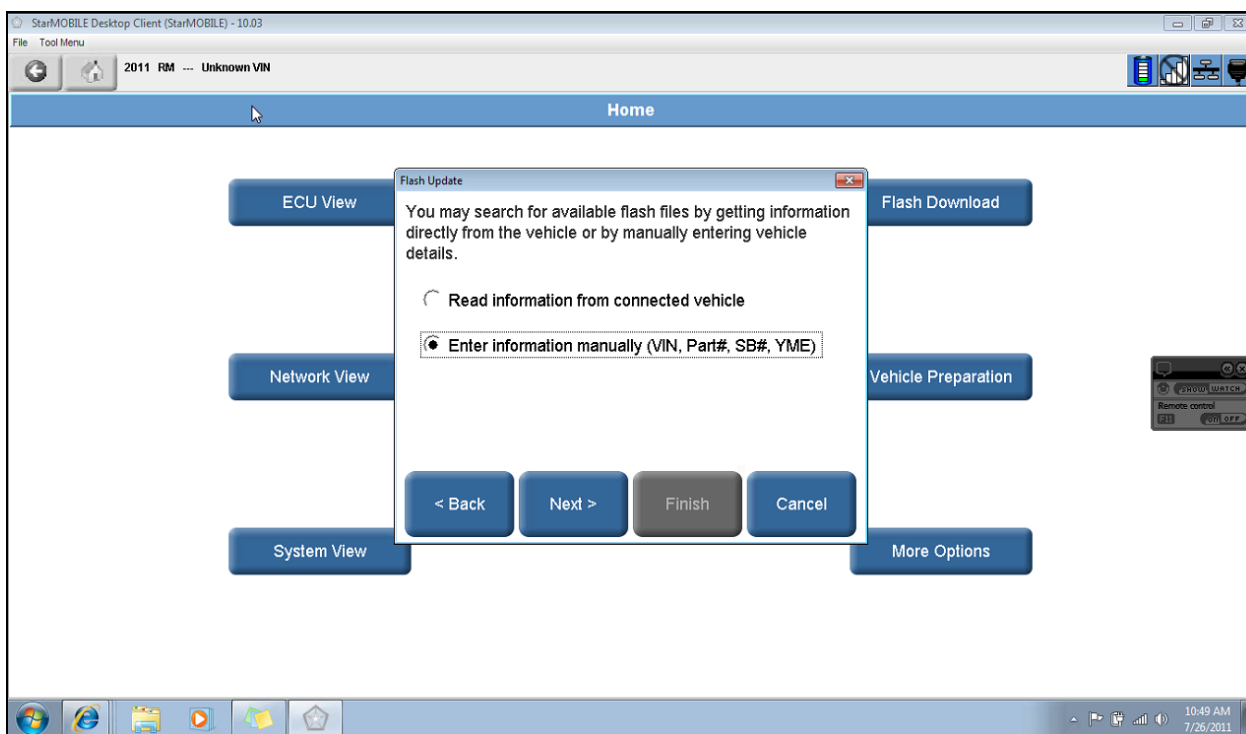


Service Information



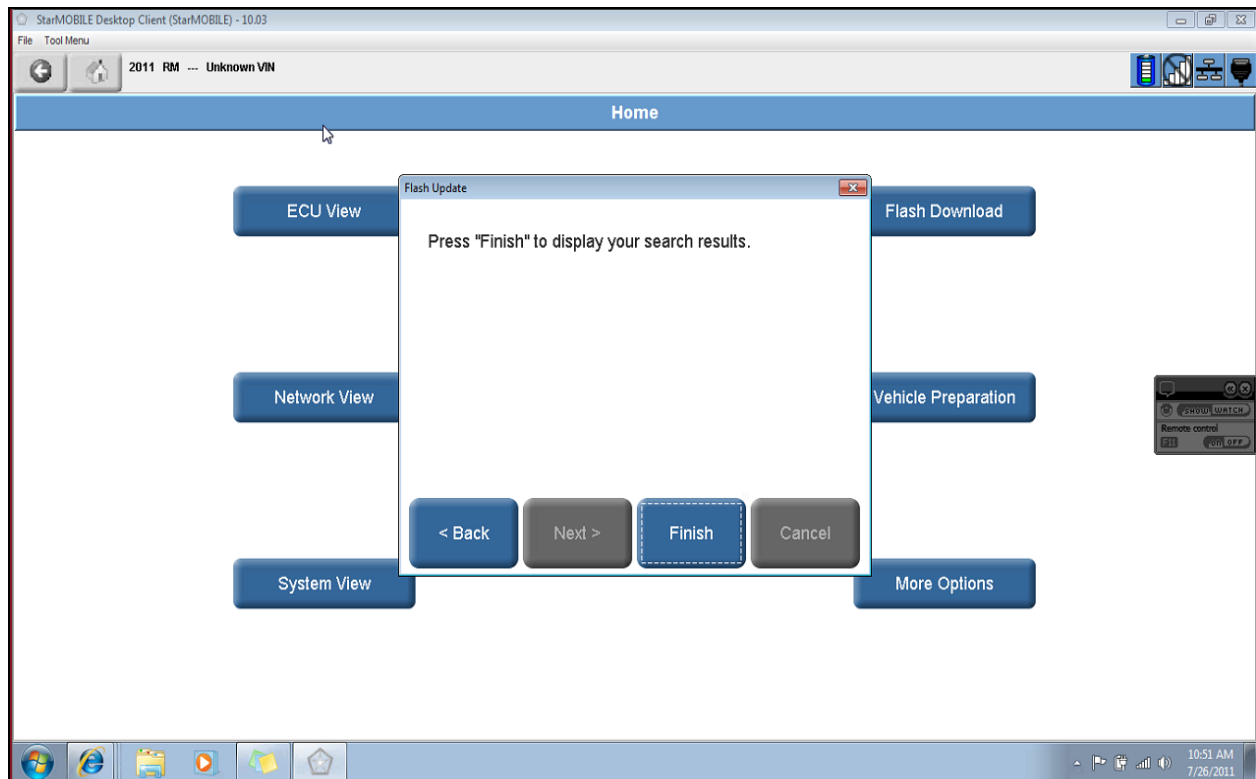
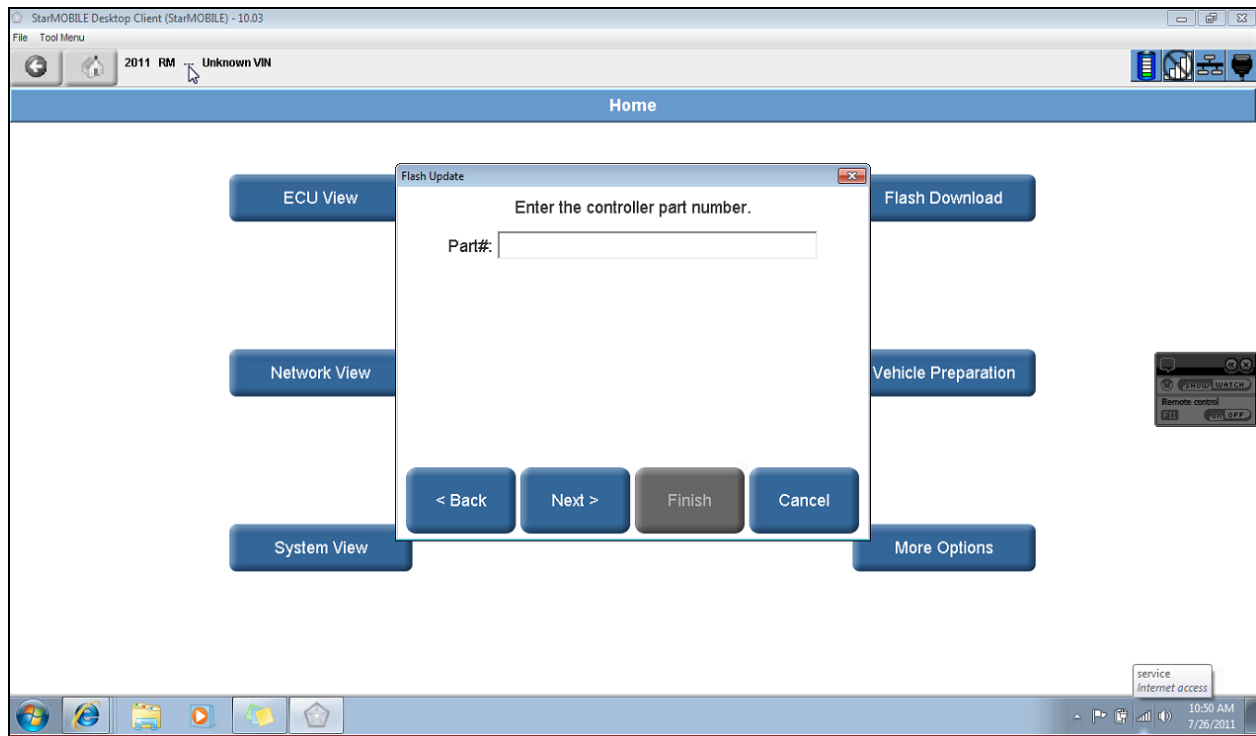


Service Information





Service Information





Service Information

StarMOBILE Desktop Client (StarMOBILE) - 10.03

File Tool Menu

2011 RM ... Unknown VIN

Flash File List

Available flash files for Part # 68065365AE

New P/N	Type	Calibration	Local	Download to Client
68065365AF	PCM	2011 RM 3.6L PENTASTAR AUTOMATIC 50 STATE	⊗	Download to Client

New Search

SHOW WATCH

Remote control

ON OFF

10:51 AM 7/26/2011

StarMOBILE Desktop Client (StarMOBILE) - 10.03

File Tool Menu

2011 RM ... Unknown VIN

Flash File List

Available flash files for Part # 68065365AE

New P/N	Type	Calibration	Local	Download to Client
68065365AF	PCM	2011 RM 3.6L PENTASTAR AUTOMATIC 50 STATE	⊗	Download to Client

New Search

SHOW WATCH

Remote control

ON OFF

Solve PC issues: 2 messages

10:52 AM 7/26/2011



Service Information

StarMOBILE Desktop Client (StarMOBILE) - 10.03

File Tool Menu

2011 RM --- Unknown VIN

Flash File List

Available flash files for Part # 68065365AE

New P/N	Type	Calibration	Local
68065365AF	PCM	Download File	

Downloading File 68065365AF (984 of 1810 kB)

To update the ECU:

1. Select "Show Shortcuts"
2. Select "Home"
3. Select "ECU View"
4. Select the desired ECU
5. Select "More Options"
6. Select "ECU Flash"

54%

Cancel

Download to Client

New Search

Solve PC issues: 2 messages

10:52 AM
7/26/2011

StarMOBILE Desktop Client (StarMOBILE) - 10.03

File Tool Menu

2011 RM --- Unknown VIN

Flash File List

Available flash files for Part # 68065365AE

New P/N	Type	Calibration	Local
68065365AF	PCM	2011 RM 3.6L PENTASTAR AUTOMATIC 50 STATE	

Download to Client

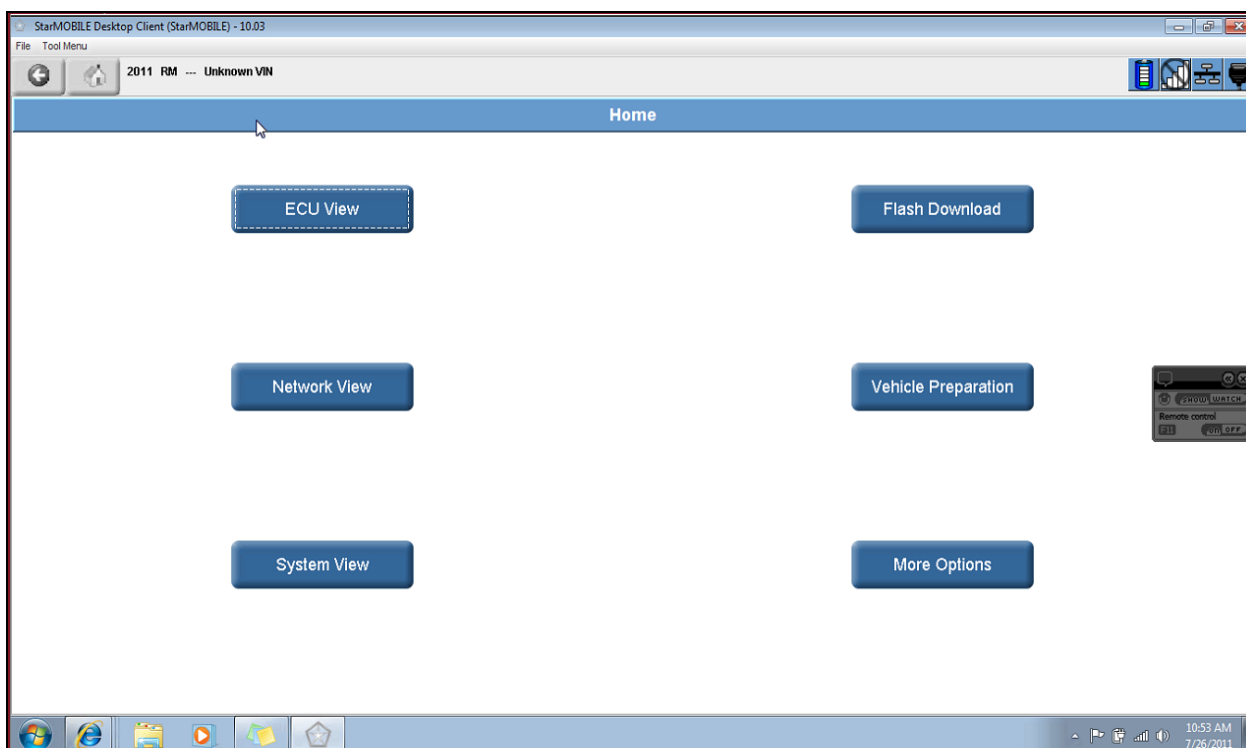
New Search

Solve PC issues: 2 messages

10:53 AM
7/26/2011



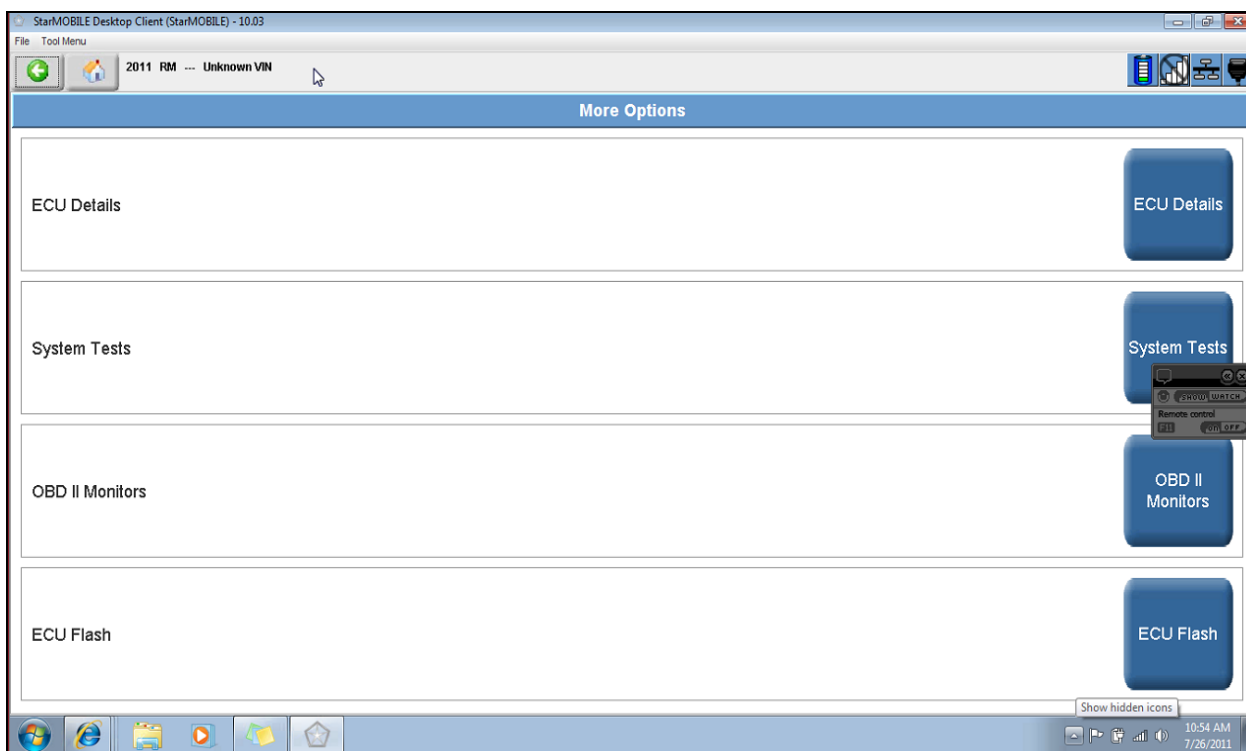
Service Information



	Controller Name	Active	DTCs	Bus
▲	PCM Powertrain Control Module	✓	1	CAN C
	ABS Anti Lock Brakes	✓	3	CAN C
	ORC Occupant Restraint	✓	2	CAN C
	SAS Steering Angle Sensor	✓	0	CAN C
	WCM Wireless Control	✓	2	CAN C
	CCN Instrument Cluster/Cabin Compartment Node	✓	0	CAN C
	DMFL Door Module Front Left	✓	1	CAN IHS
	DMFR Door Module Front Right	✓	1	CAN IHS
	DMRL Door Module Rear Left	✓	0	CAN IHS
	DMRR Door Module Rear Right	✓	0	CAN IHS
	HFM Hands Free Module(cell phone)	✓	0	CAN IHS
▼	HSM Hosted Control Module	✓	0	CAN B



Service Information





Service Information

StarMOBILE Desktop Client (StarMOBILE) - 10.03

File Tool Menu

2011 RM ... Unknown VIN

Flash PCM

Resident flash files for Part # 05150562AC

New P/N	Type	Calibration
68065365AF	PCM	2011 RM 3.6L PENTASTAR AUTOMATIC 50 STATE

Update Controller

Browse For New File

Tech Tips

Remote control ON OFF

10:55 AM 7/26/2011

StarMOBILE Desktop Client (StarMOBILE) - 10.03

File Tool Menu

2011 RM ... Unknown VIN

Flash PCM

Resident flash files for Part # 05150562AC

New P/N	Type	Calibration
68065365AF	PCM	2011 RM 3.6L PENTASTAR AUTOMATIC 50 STATE

Update Controller

Browse For New File

Tech Tips

Remote control ON OFF

Solve PC issues: 2 messages

10:55 AM 7/26/2011

ECU Flash 68065365AF

Starting CHRYSLER flash process

0%



Service Information

StarMOBILE Desktop Client (StarMOBILE) - 10.03

File Tool Menu

2011 RM --- Unknown VIN

Flash PCM

Resident flash files for Part # 05150562AC

New P/N	Type	Calibration
68065365AF	PCM	2011 RM 3.6L PENTASTAR AUTOMATIC 50 STATE

Update Controller

Browse For New File

Tech Tips

Fully charged (100%)

10:58 AM
7/26/2011

ECU Flash 68065365AF

Flash ECU

Performing check Please Turn the Ignition Key OFF.

100%

StarMOBILE Desktop Client (StarMOBILE) - 10.03

File Tool Menu

2011 RM --- Unknown VIN

Flash PCM

Resident flash files for Part # 05150562AC

New P/N	Type	Calibration
68065365AF	PCM	2011 RM 3.6L PENTASTAR AUTOMATIC 50 STATE

Update Controller

Browse For New File

Tech Tips

Solve PC issues: 2 messages

10:58 AM
7/26/2011

ECU Flash 68065365AF

Flash ECU

Performing check Please Turn the Ignition Key ON.

100%



Service Information

StarMOBILE Desktop Client (StarMOBILE) - 10.03

File Tool Menu

2011 RM --- Unknown VIN

Flash PCM

Resident flash files for Part # 05150562AC

New P/N	Type	Calibration
68065365AF	PCM	2011 RM 3.6L PENTASTAR AUTOMATIC 50 STATE

Update Controller

Browse For New File

Tech Tips

Remote control

SHOW WATCH

Flash process successful

Flash process successful

OK

100%

10:59 AM
7/26/2011

StarMOBILE Desktop Client (StarMOBILE) - 10.03

File Tool Menu

2011 RM --- □□□□□□□□□□□□□□□□

Home

ECU View

Flash Download

Network View

Vehicle Preparation

System View

More Options

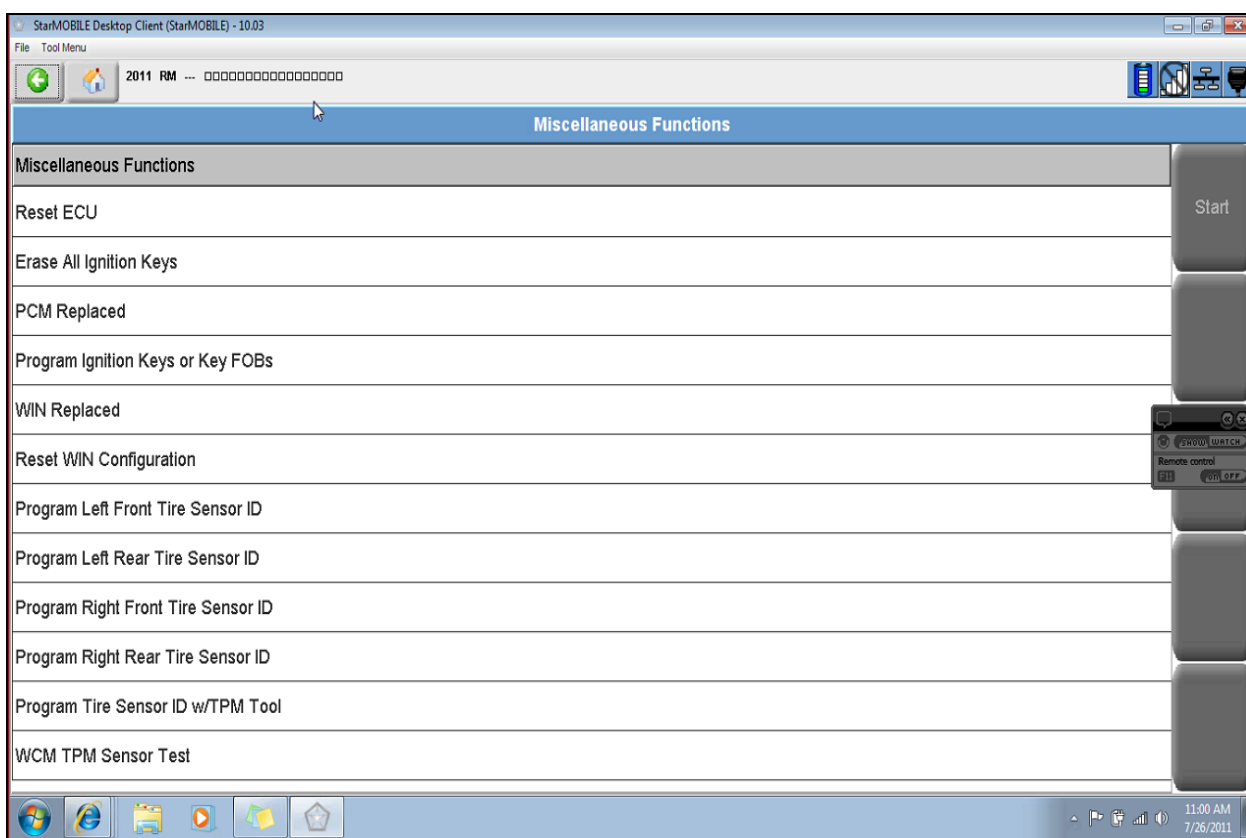
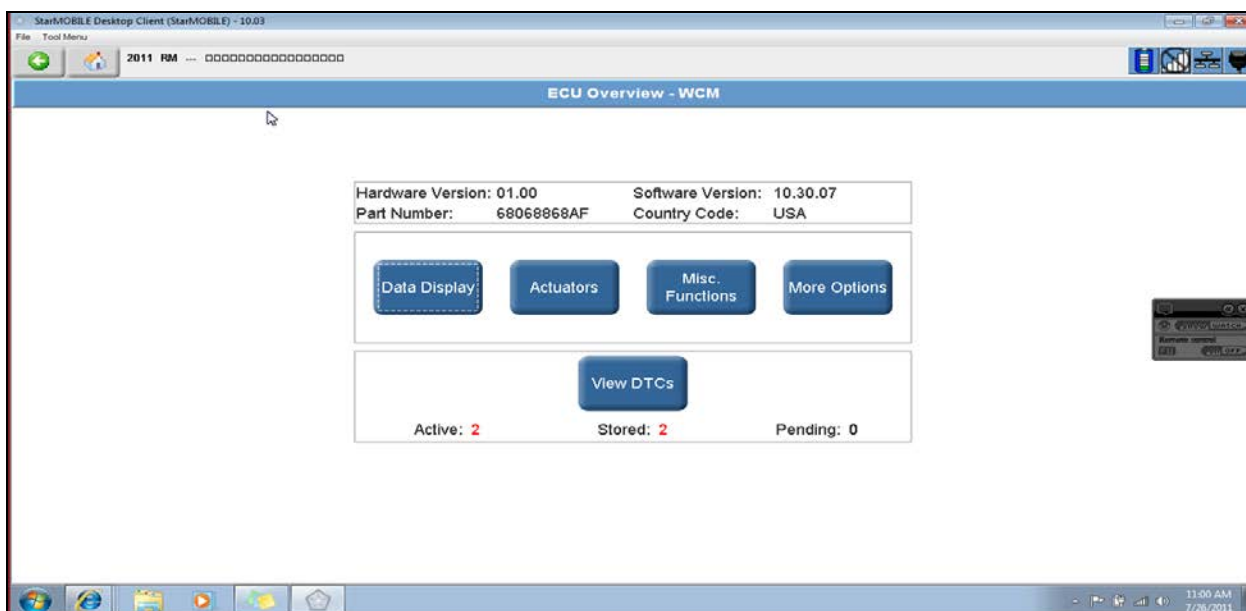
Remote control

SHOW WATCH

10:59 AM
7/26/2011

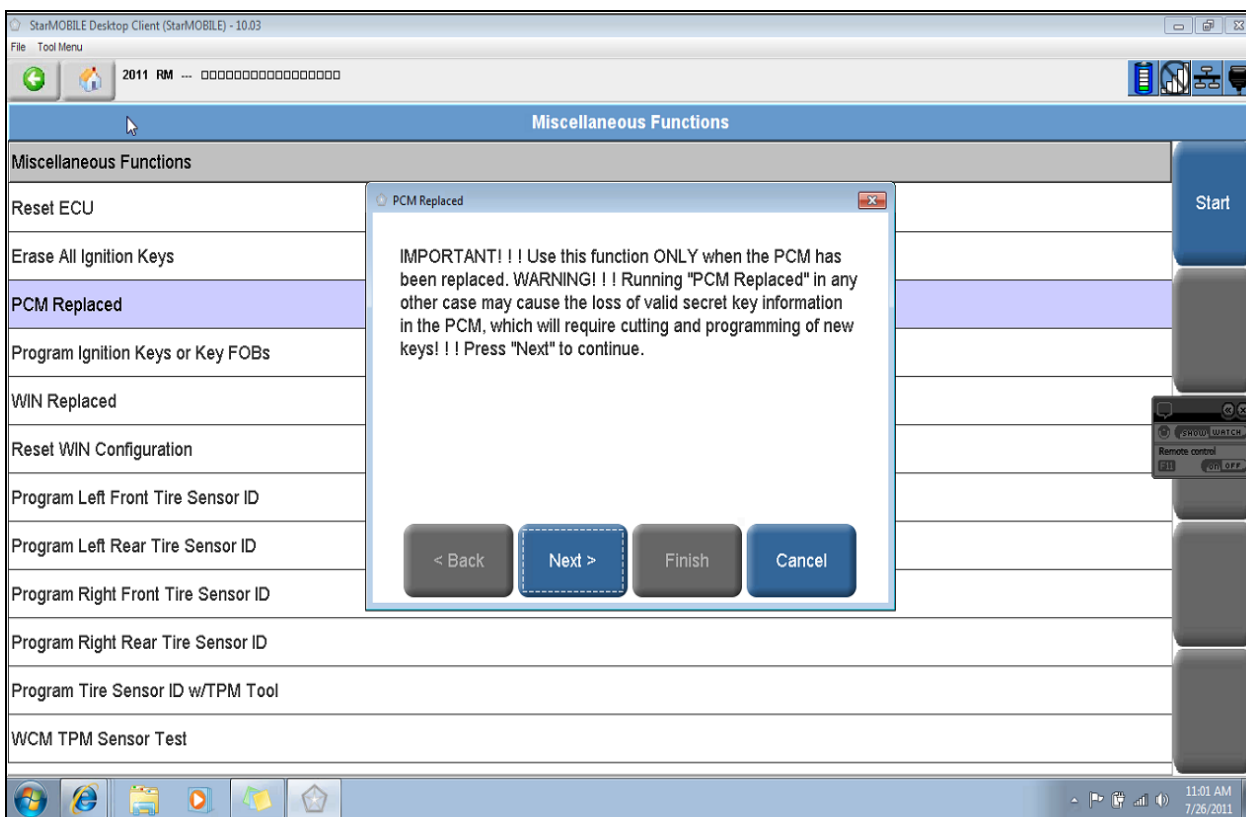
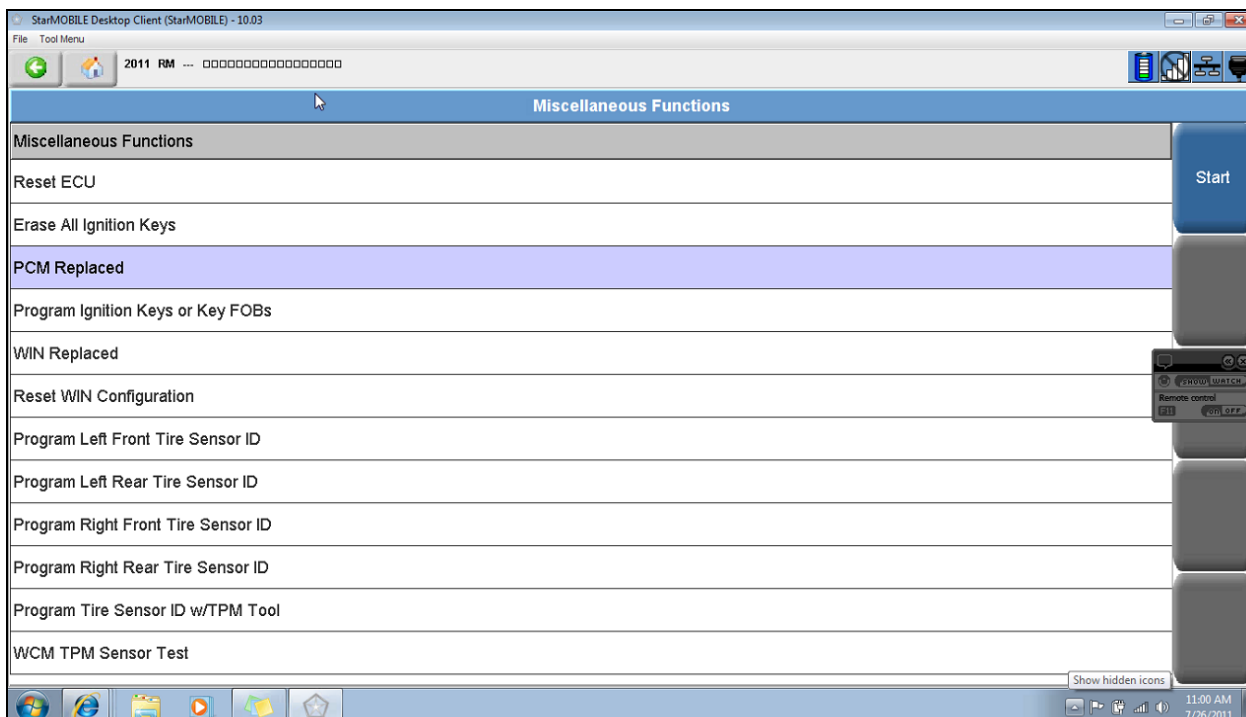


Service Information





Service Information





Service Information

StarMOBILE Desktop Client (StarMOBILE) - 10.03

File Tool Menu

2011 RM ...

Miscellaneous Functions

Reset ECU	<p>PCM Replaced</p> <p>Enter the vehicle PIN (Personal Identification Number) which can be found on the Key Information card typically located in the vehicle glove box. If the Key Information card is not readily available the PIN can also be found by authorized personnel on DealerConnect under Parts => Reference Library - Key Code. Press "Next" to continue or "Cancel" to exit.</p> <input type="text"/>	<p>Start</p>
Erase All Ignition Keys		
PCM Replaced		
Program Ignition Keys or Key FOBs		
WIN Replaced		
Reset WIN Configuration		
Program Left Front Tire Sensor ID		
Program Left Rear Tire Sensor ID		
Program Right Front Tire Sensor ID		
Program Right Rear Tire Sensor ID		
Program Tire Sensor ID w/TPM Tool		
WCM TPM Sensor Test		

< Back Next > Finish Cancel

Show hidden icons 11:01 AM 7/26/2011

StarMOBILE Desktop Client (StarMOBILE) - 10.03

File Tool Menu

2011 RM ...

Miscellaneous Functions

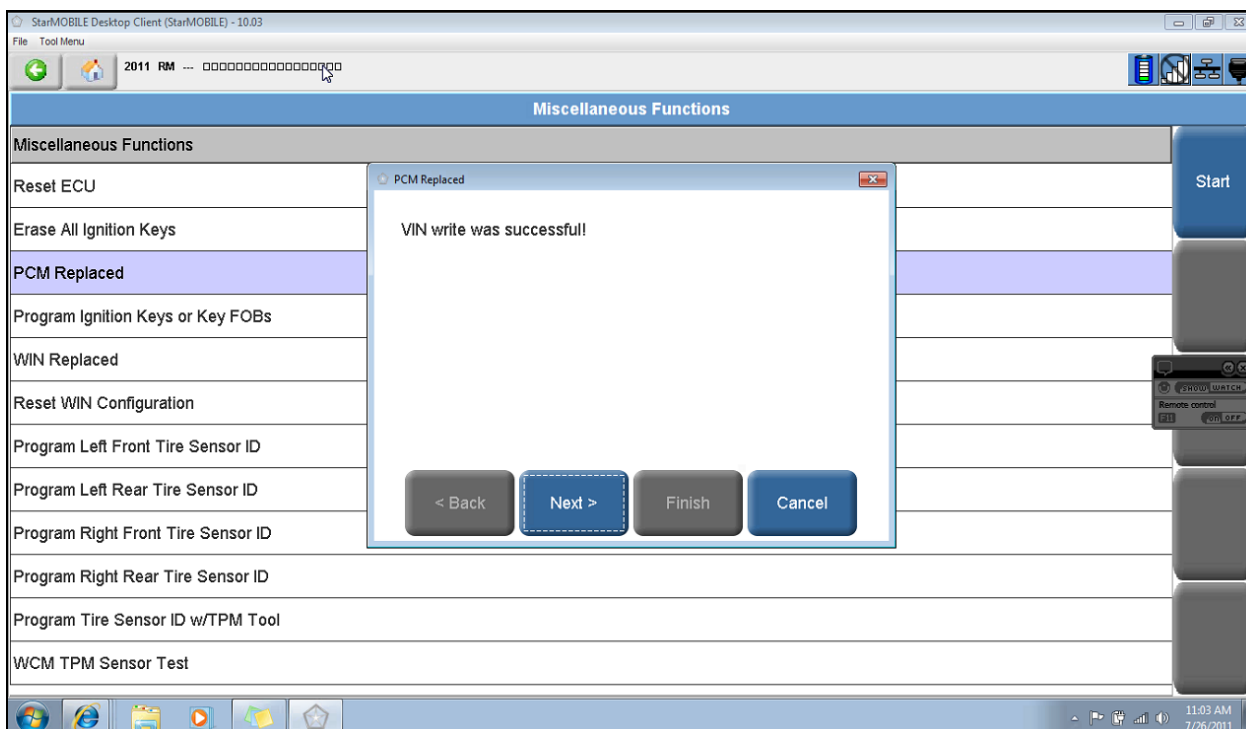
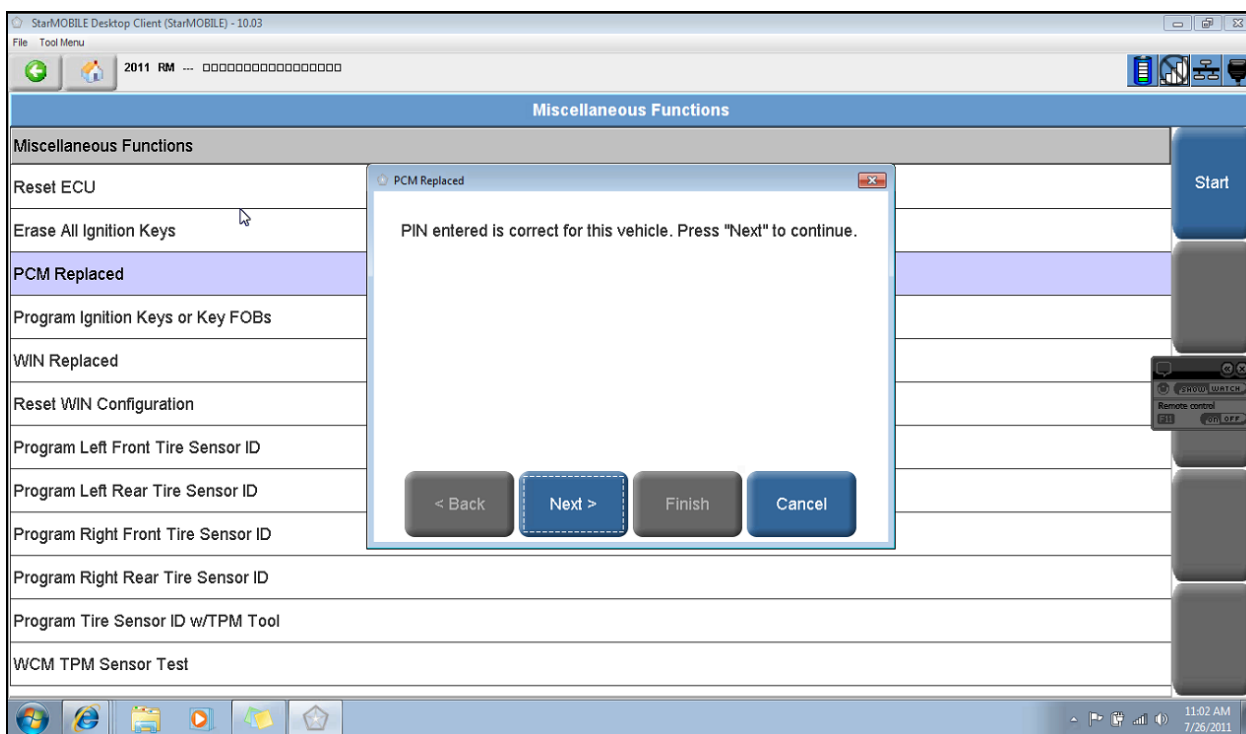
Reset ECU	<p>PCM Replaced</p> <p>Please verify the PIN displayed below is the correct PIN for this vehicle before pressing "Next". Warning! Entering the incorrect PIN 2 times could cause the WIN to enter Anti-Scan Lockout. Press "Next" if this is the correct PIN.</p> <p>PIN: 6798</p>	<p>Start</p>
Erase All Ignition Keys		
PCM Replaced		
Program Ignition Keys or Key FOBs		
WIN Replaced		
Reset WIN Configuration		
Program Left Front Tire Sensor ID		
Program Left Rear Tire Sensor ID		
Program Right Front Tire Sensor ID		
Program Right Rear Tire Sensor ID		
Program Tire Sensor ID w/TPM Tool		
WCM TPM Sensor Test		

< Back Next > Finish Cancel

11:02 AM 7/26/2011

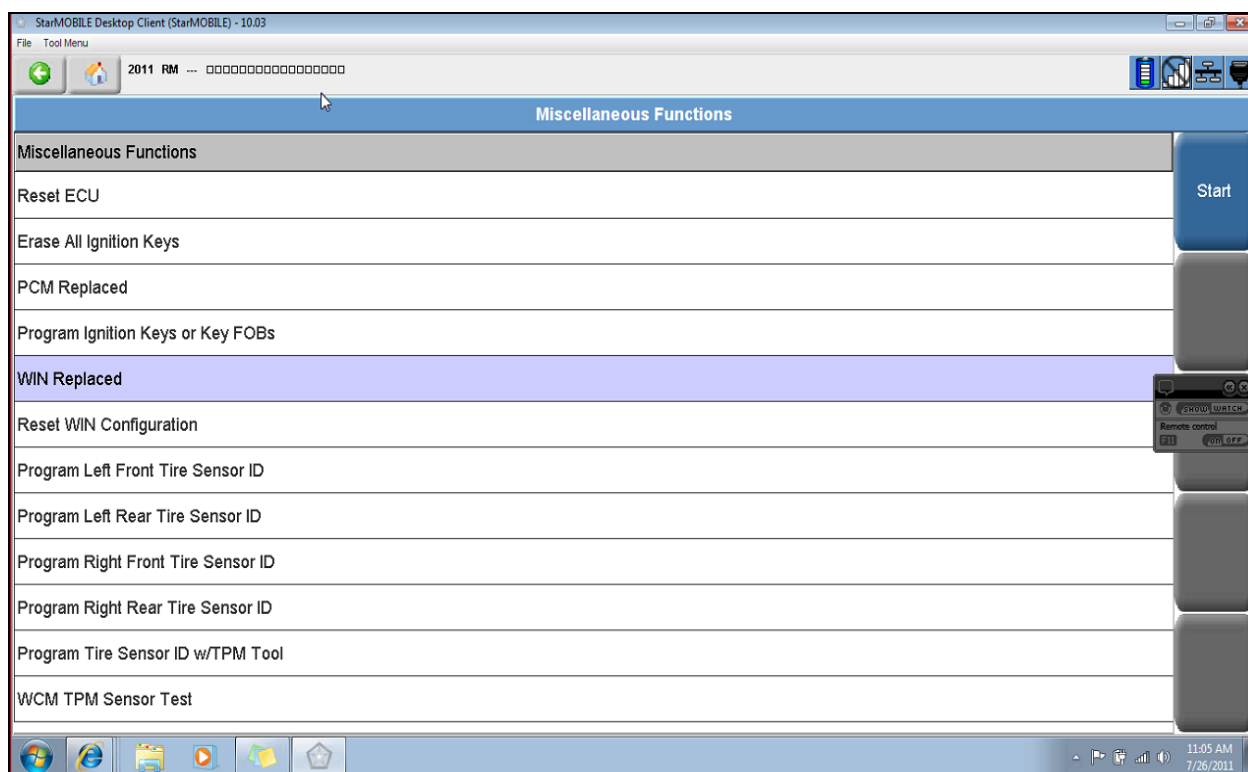
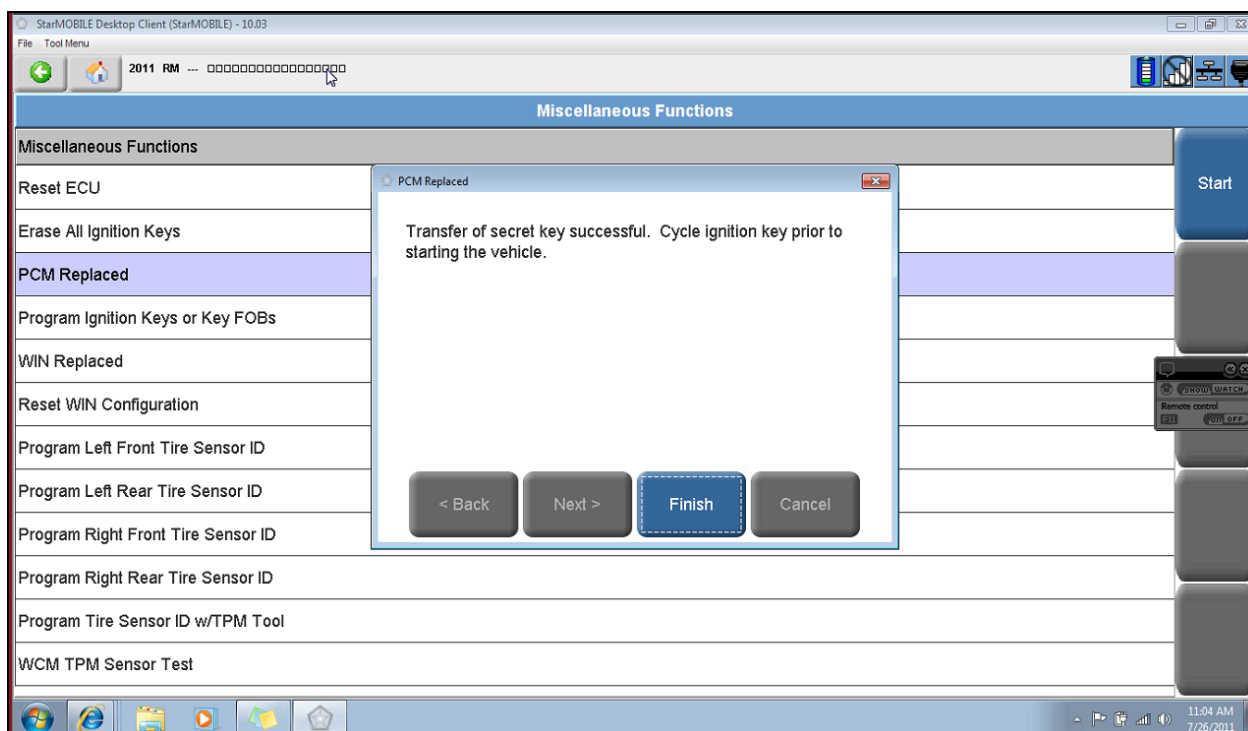


Service Information



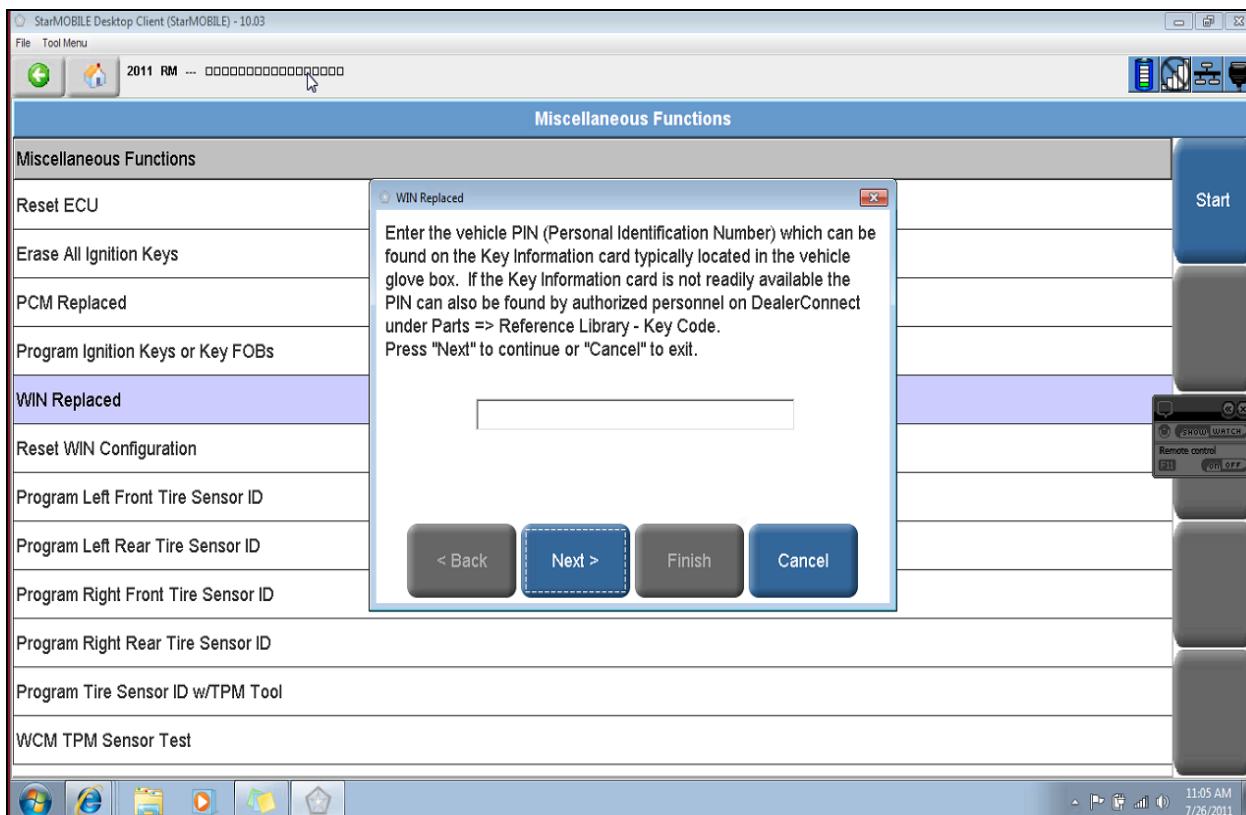
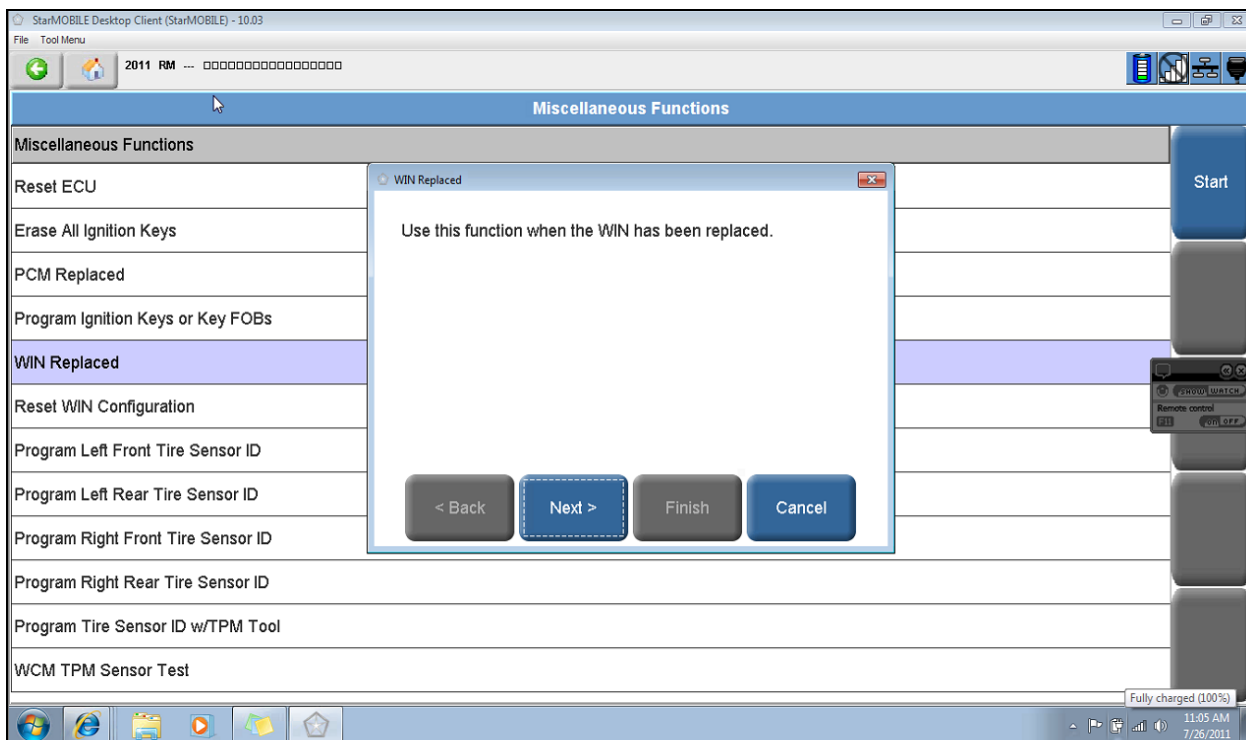


Service Information



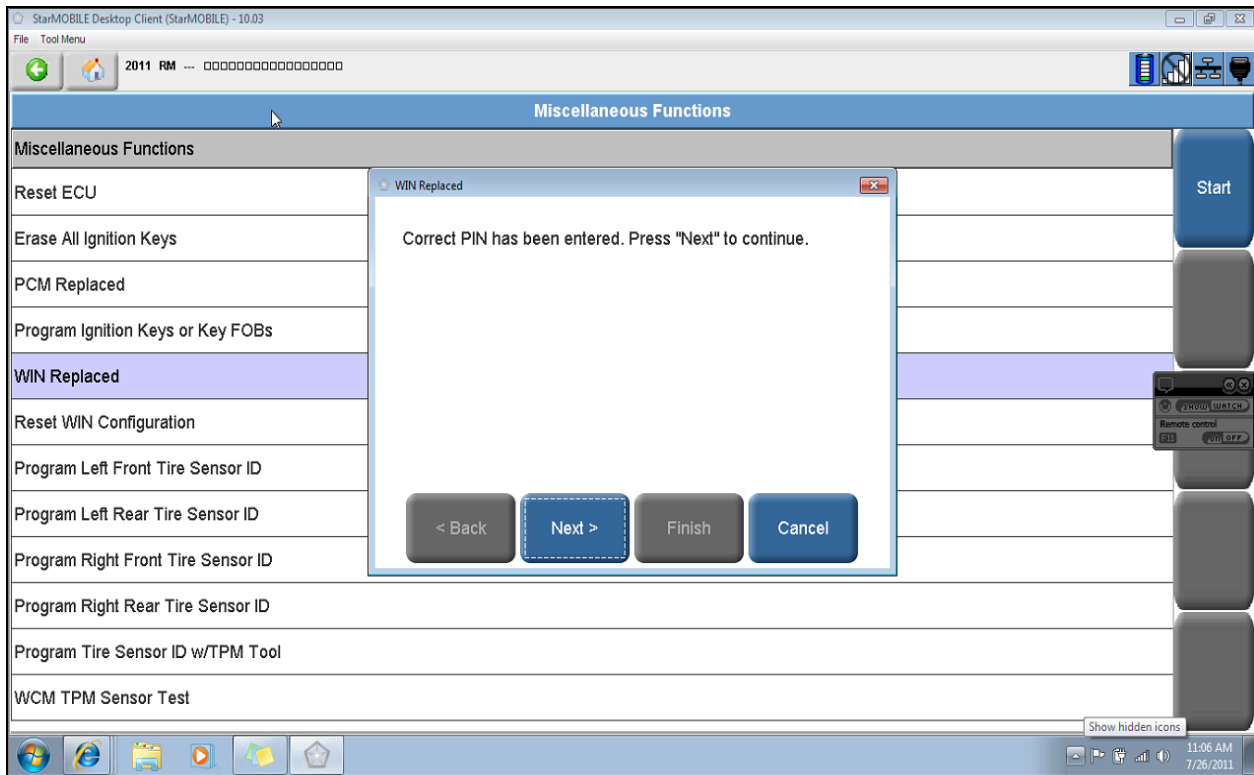
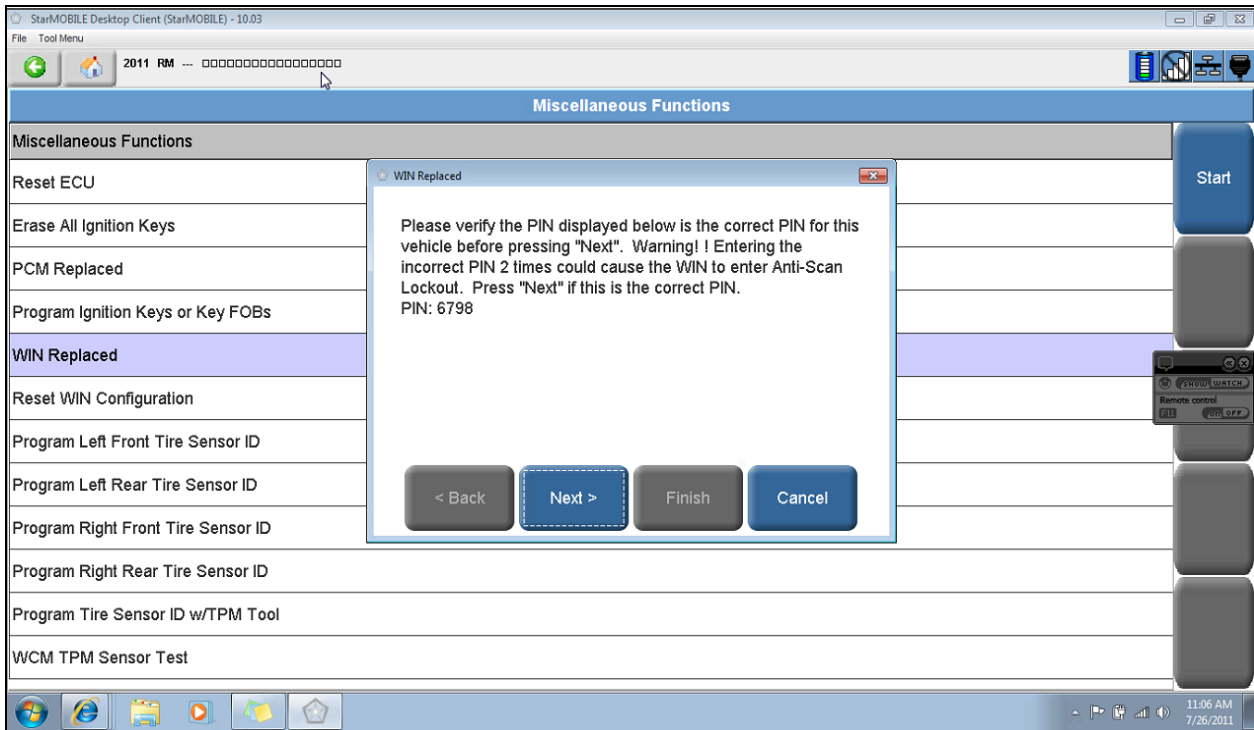


Service Information



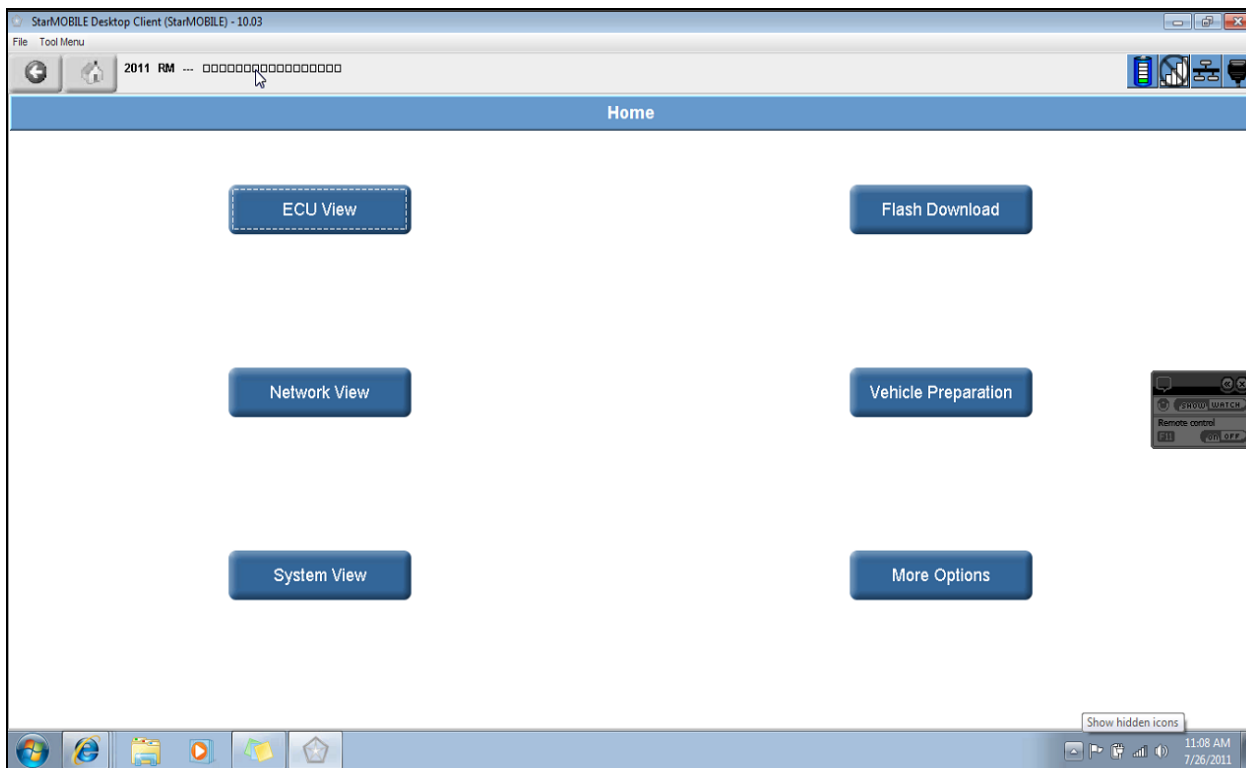
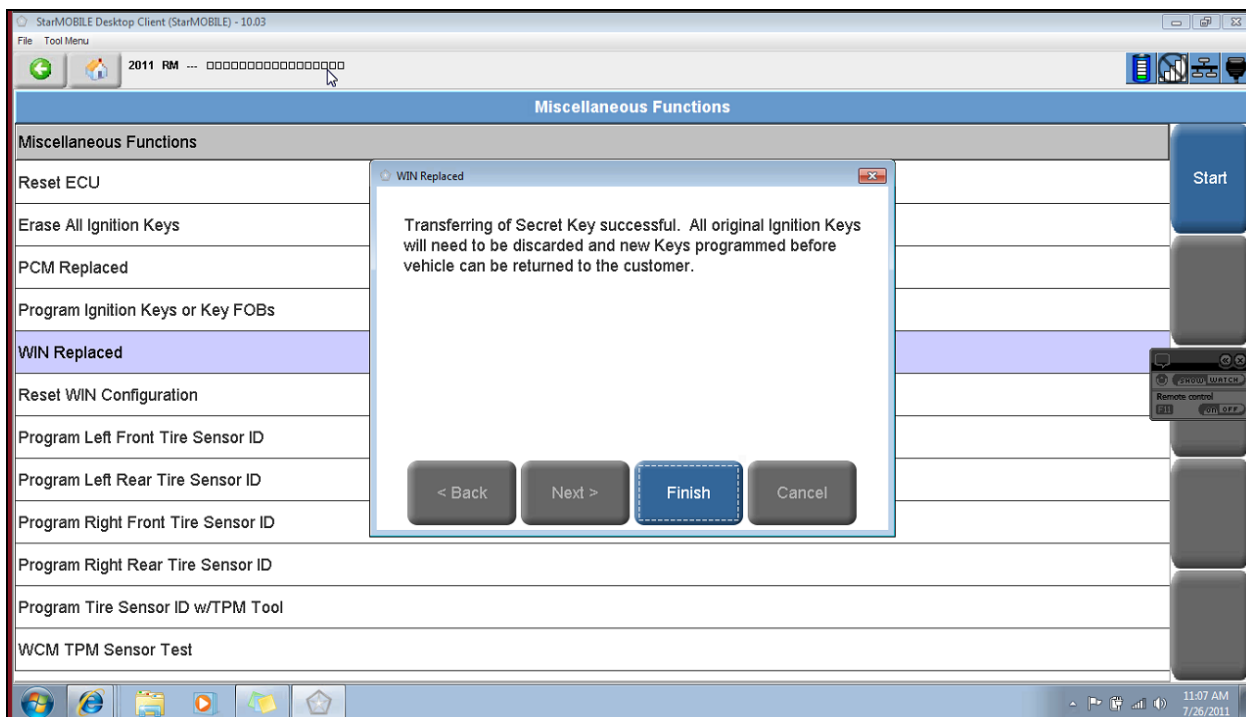


Service Information





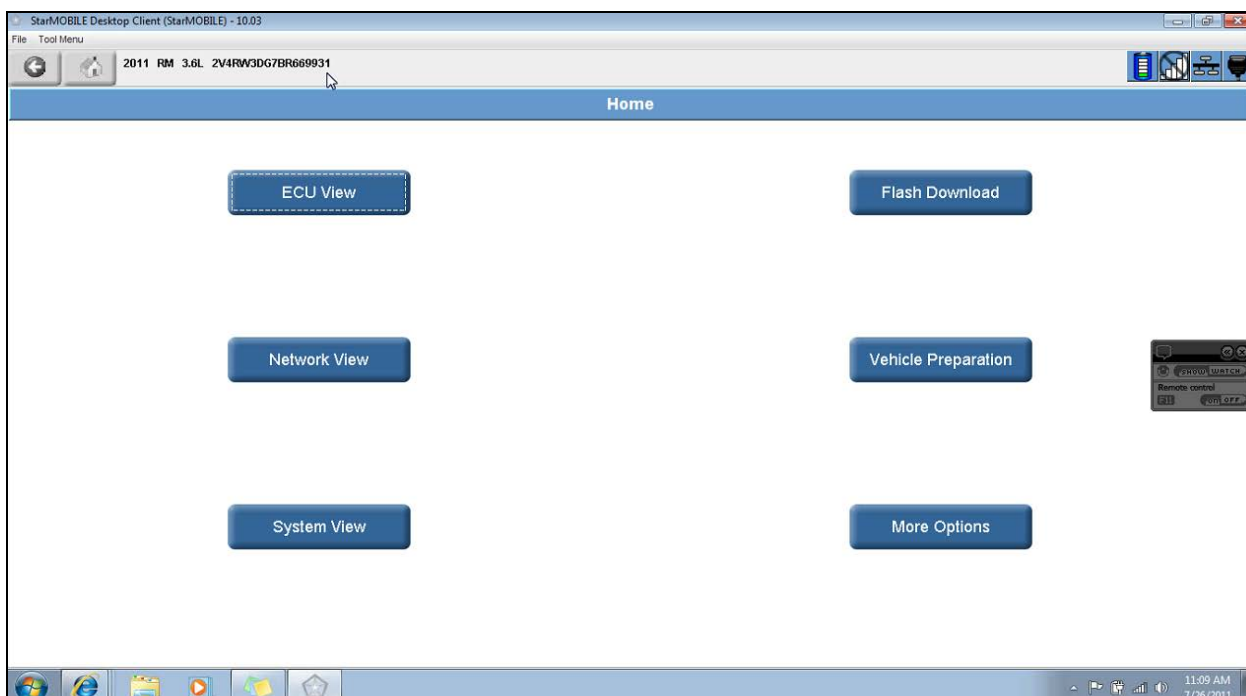
Service Information



EXIT OUT OF STARMOBILE AND RE-OPEN IT



Service Information





Service Information

