StarSCAN™ Quick Start Networking Guide

A Quick Reference Guide for Configuring the StarSCAN Scan Tool for Networking

Purpose

The purpose of this document is to provide quick step-by-step instructions to enable networking capabilities on your StarSCAN™ Scan Tool. If you have trouble setting up your network settings with this manual, you can refer to the more detailed StarSCAN Networking Manual found under the 'download center' at http://www.dcctools.com .

What is Networking?

Networking computers essentially connects them together so they can share information. Your dealership has a Local Area Network (LAN) which connects all of the computers in your dealership together. Your LAN also connects to the Internet, allowing you to share information with other systems outside your dealership, such as DealerCONNECT. Think of the StarSCAN as just another computer on your network. Setting up your StarSCAN for networking allows you to download flash files and other useful information directly to your StarSCAN.

Before You Begin

Before you begin the network configuration, you will need to have your StarSCAN updated to the latest software version available and have your TechCONNECT™ PC accessible. This setup will work for StarSCAN software versions **5.01-SP1 and higher**, and should take about 10-15 minutes to complete. The TechCONNECT PC will only be used to gather already configured network information in your dealership.

Note: Aftermarket customers without a TechCONNECT PC can use a Windows PC in your garage environment to obtain the necessary network information.

Helpful Hint: The TechCONNECT PC that you choose should be on the same network segment that you will be using for your StarSCAN. Connecting your StarSCAN to a Local Area Network (LAN) drop near your TechCONNECT PC will increase the likelihood that you are on the same network as the TechCONNECT PC.

The StarSCAN development team would appreciate feedback on this document and the process of configuring the StarSCAN network functionality. After completing this process, please visit http://www.dcctools.com/cgi-bin/contact.cgi and send us your comments. Be sure to include detailed information, such as what was the most difficult part of the process and what was easy.

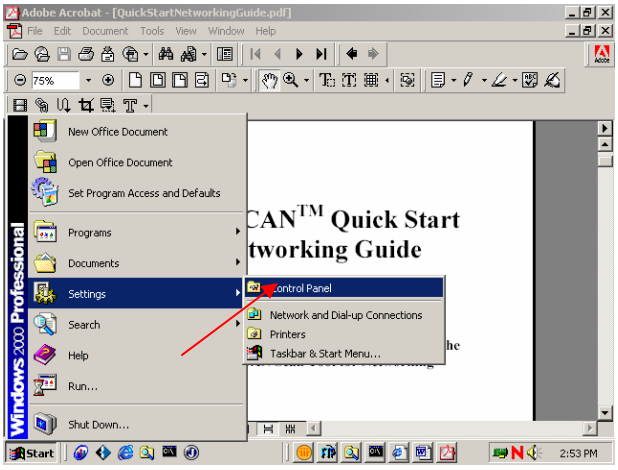
Filling out the StarSCAN Network Configuration Worksheet

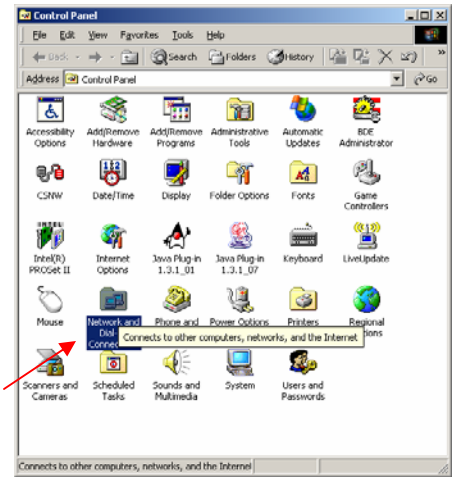
The first step in setting up StarSCAN on your dealership's computer network is to gather information about the network. The easiest way to get this information is to ask your dealership's Network Systems Coordinator to fill out the worksheet below. If he has done so, skip to the section *Configuring Your StarSCAN Network Settings*. Otherwise, you can follow the steps below to complete the worksheet on your own.

1. **Print the Network Configuration Worksheet**. The Network Configuration Worksheet below will be used to guide you through the configuration process. Print this page and fill in the information as directed in steps 2 through 5.

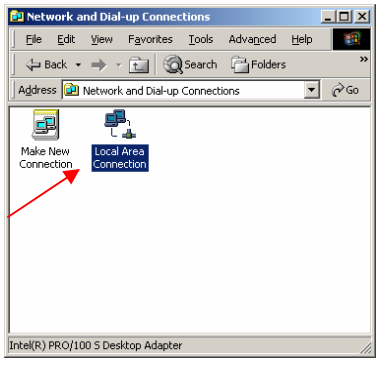
StarSCAN Network Configuration Worksheet	
IP Settings	
DHCP Supported?	
If DHCP is not supported, fill out the following:	
IP Address*	
Subnet Mask	
Default Gateway	
Primary DNS	
Secondary DNS	
Proxy Settings	
Proxy Required?	
If a proxy is required for your network, fill out the following:	
Server	
Port	
*If DHCP is not supported, you will need to contact your Network Systems Coordinator to obtain a unique IP address for your StarSCAN	

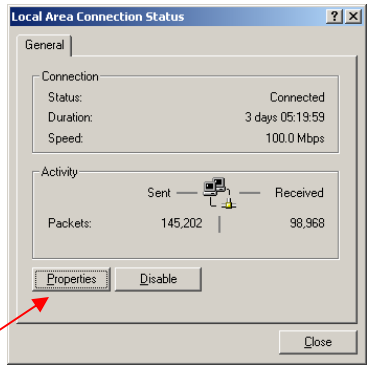
2. **Obtain TechCONNECT PC Network Settings:** On your TechCONNECT PC, click the 'Start' menu, select 'Settings', then select 'Control Panel'. Double-click on the 'Network and Dial-up Connections' icon.

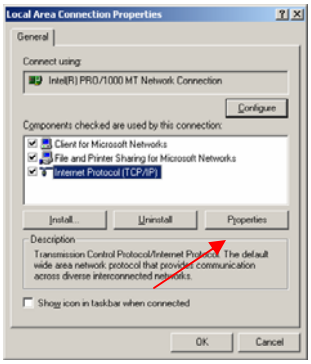




Double-click the 'Local Area Connection'icon, and then click the 'Properties' button. In the Local Area Connection Properties box, click 'Internet Protocol (TCP/IP)', then click the 'Properties' button.



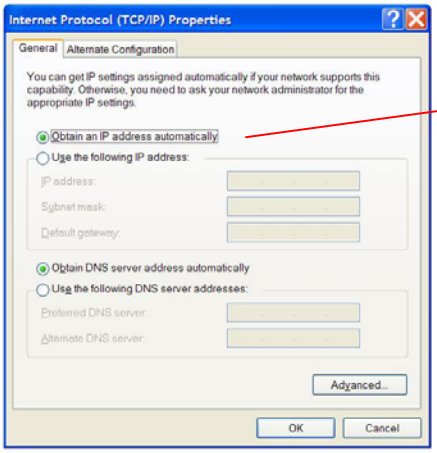




Note: The information contained within the screens below may differ from PC to PC.

3. **Determine IP Settings:** If 'Obtain an IP Address Automatically' is selected on the 'Internet Protocol (TCP/IP)' screen, then enter 'Yes' for the StarSCAN Network Configuration worksheet item 'DHCP Supported?' and skip to step 4 *Obtain Proxy Settings for the TechCONNECT PC.*

Enter 'Yes' for 'DHCP Supported' if 'Obtain IP address automatically' is selected.



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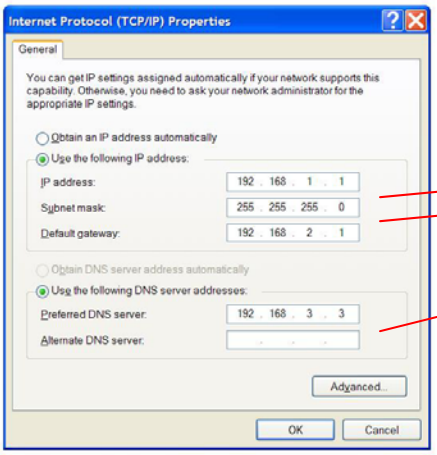
*If DHCP is not supported, you will need to contact your Network Systems Coordinator to obtain a unique IP address for your StarSCAN

If ‘Use the following IP address’ is selected on the ‘Internet Protocol (TCP/IP)’ screen, then enter ‘No’ for the ‘DCHP Supported?’ worksheet item. Then, copy the numbers from the ‘Subnet Mask’, ‘Default Gateway’, ‘Preferred DNS Server’, and ‘Alternate DNS Server’ boxes to the corresponding worksheet items.

Note: DO NOT COPY the ‘IP Address’ number from your TechCONNECT PC. Like a phone number, your StarSCAN IP address must be unique. Instead, contact your Network Systems Coordinator to obtain a unique IP address for your StarSCAN.

Enter ‘No’ for ‘DHCP Supported’ if ‘Use the following IP address’ is selected.

Contact your Network System Coordinator to get a valid IP address, and enter this address in the ‘IP Address’ item on the worksheet



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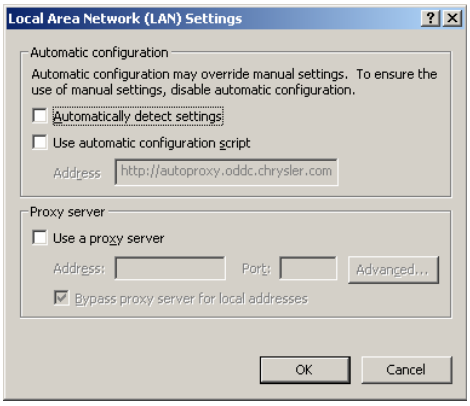
4. **Obtain Proxy Settings for the TechCONNECT PC:** Some networks require a proxy to connect to the Internet. To see if your network uses one, click the 'Start' menu on the TechCONNECT PC, select 'Settings, then select 'Control Panel'. Double-click on the 'Internet Options' icon, then click the 'Connections' tab. On the 'Connections' tab, click the 'LAN Settings' button to display the 'Local Area Network (LAN) Settings' screen, shown below.



5. **Determine Proxy Settings:** If 'Use a proxy server' is not checked, then enter 'No' for the 'Proxy Required?' worksheet item, and leave the 'Server' and 'Port' items blank on your worksheet. Skip to the section *Configuring Your StarSCAN Network Settings.*

   If 'Use a proxy server' is checked, then enter 'Yes' for the worksheet item 'Proxy Required?'. Next, copy the 'Address' information to the 'Server' worksheet item and the 'Port' information to the 'Port' item on your worksheet.

If 'Use a proxy server' is checked on your TechCONNECT PC, enter 'Yes' for 'Proxy Required' and transfer 'Address' to 'Server' and 'Port' to 'Port'. Otherwise, enter 'No' for 'Proxy Required.'

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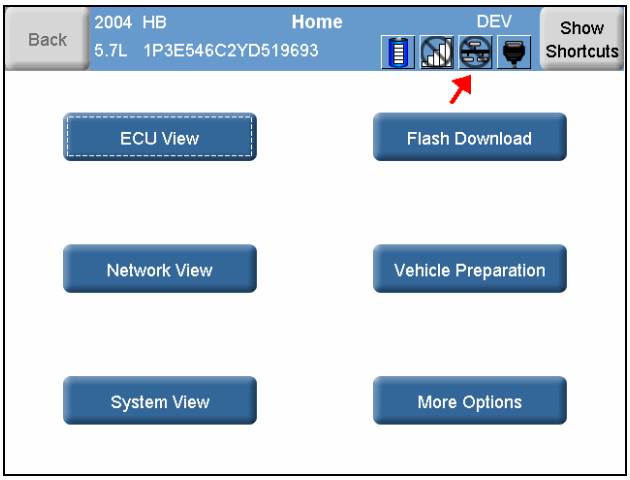
Configuring Your StarSCAN Network Settings

Now that you have gathered the necessary information from the TechCONNECT PC, the StarSCAN network settings can be configured. Follow the steps below to complete the setup:

1. Press the "Network" icon to view the Wired Network Settings pop-up window.



2. Transfer all the information from your StarSCAN Network Configuration Worksheet to the Wired Network Settings pop-up window below. To change an item, select the item and press the "Change" button.

   Note: The 'Enabled' item under 'Built-in Ethernet Settings & Status' must be set to 'Yes' to enable wired networking.

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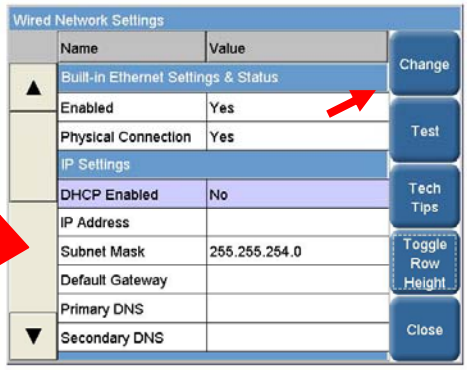
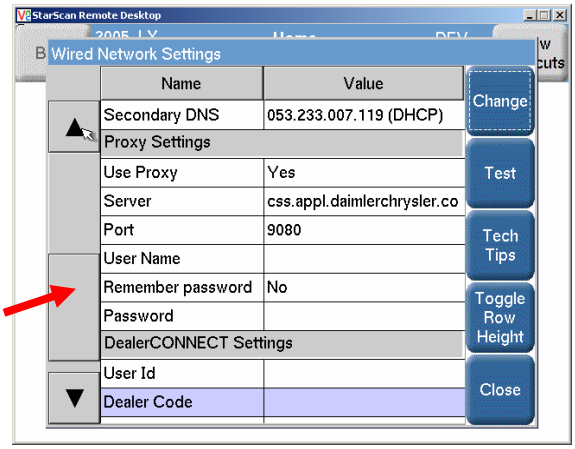
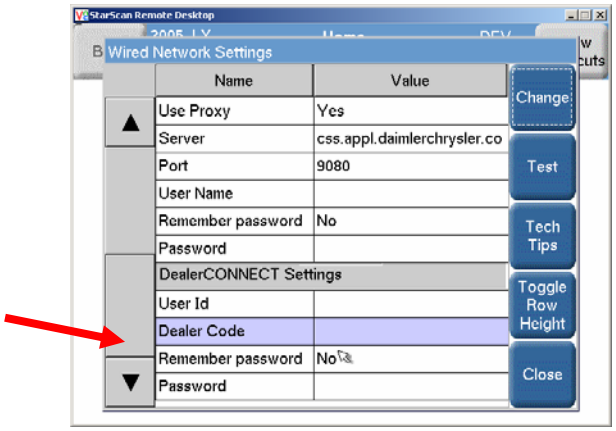


3. You can conveniently set your proxy user name in the Wired Network Settings pop-up window if a proxy is required by your network (i.e. if the 'Use Proxy' item was set to 'Yes'). You are also able to save the proxy password for future sessions if desired by setting the 'Remember Password' item to 'Yes' and entering your password in the 'Password' item.

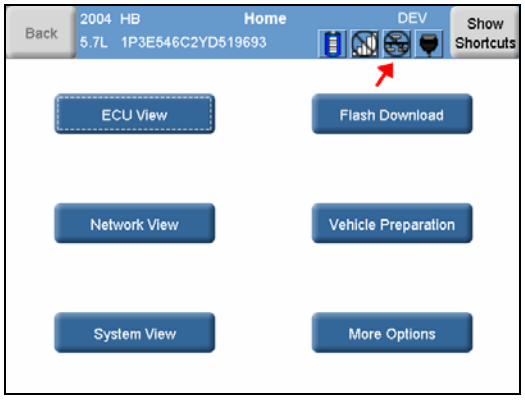


4. You can also set your DealerCONNECT ID, password, and dealer code from the Wired Network Settings pop-up window. You are also able to save the DealerCONNECT password for future sessions if desired by setting the 'Remember Password' item to 'Yes' and entering your password in the 'Password' item.



Testing Your StarSCAN Network Configuration

1. Press the “Network” icon to view the Wired Network Settings pop-up window if it is not already open.



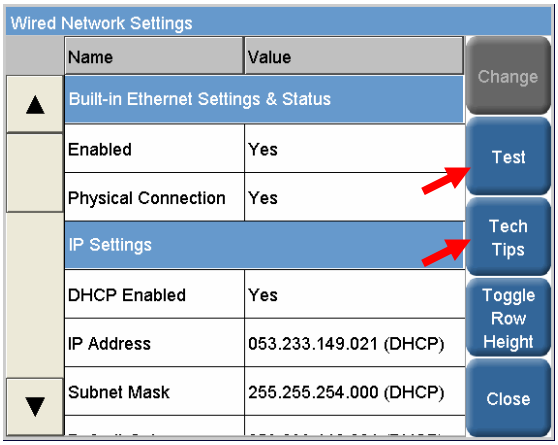
2. If you have not done so already, connect your StarSCAN to your LAN using the Ethernet cable supplied with your StarSCAN.

   Note: Make sure you are connecting to the correct network inside your dealership. Connecting your StarSCAN to a LAN drop near your TechCONNECT PC will increase the likelihood that you are on the same network as the TechCONNECT PC.

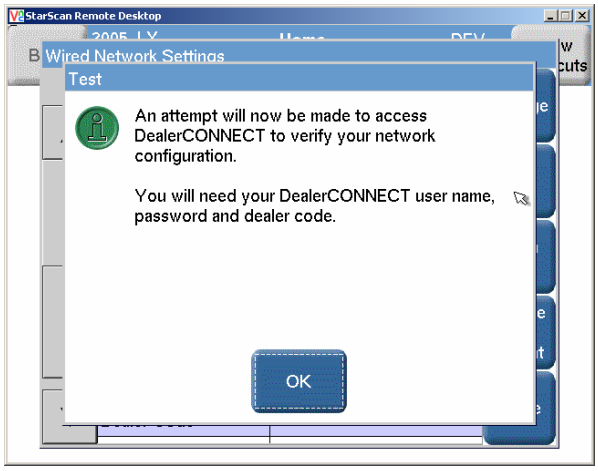
3. Press the ‘Test’ button located on the right side of the window.

   Note: If the ‘Test’ button is grayed out, one or more of the network settings is incorrect. Review your settings and make sure your Ethernet cable is properly attached to your network.

   Helpful Hint: To obtain more information on a particular setting, select the item of interest and press ‘Tech Tips’.

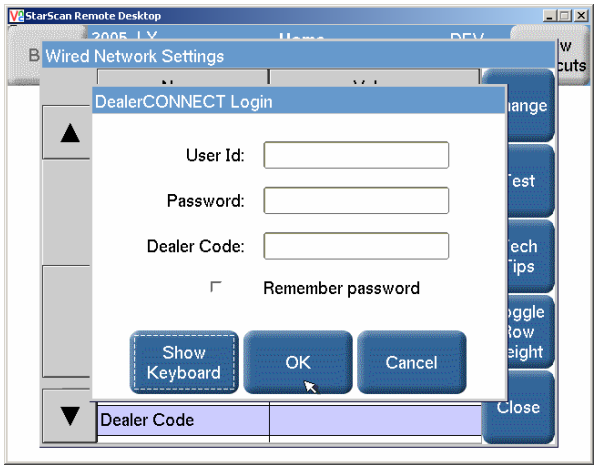


4. If you were able to press the 'Test' button, a pop-up should appear at the start of the test. Press the 'OK' button to continue.

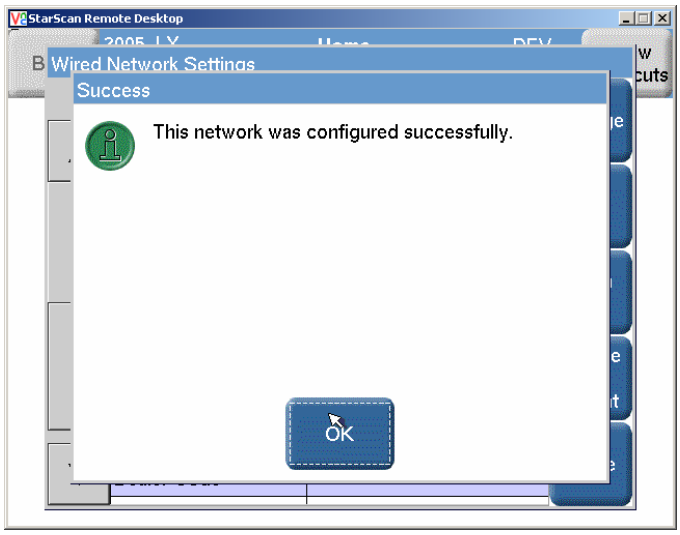


5. You will also see a pop-up requiring you to enter DealerCONNECT settings. Once properly entered, press 'OK' to continue.

   Note: You may also see a pop-up box requiring a proxy user name and password if your network requires a proxy.



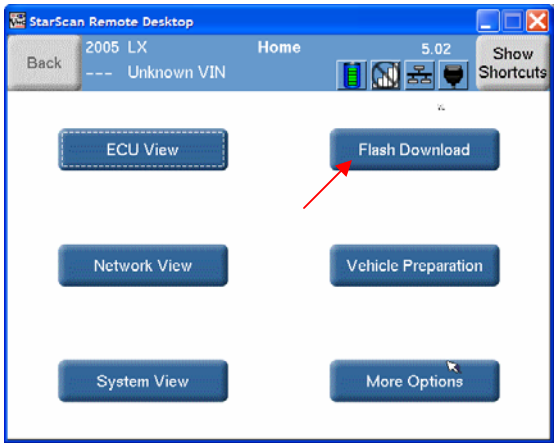
6. If a screen appears telling you that the configuration was successful, then the entire setup is now complete. If you received an error, then please go back and try again with these instructions or refer to the StarSCAN Networking Setup tutorial under training aides at www.dcctools.com for more detailed instructions.

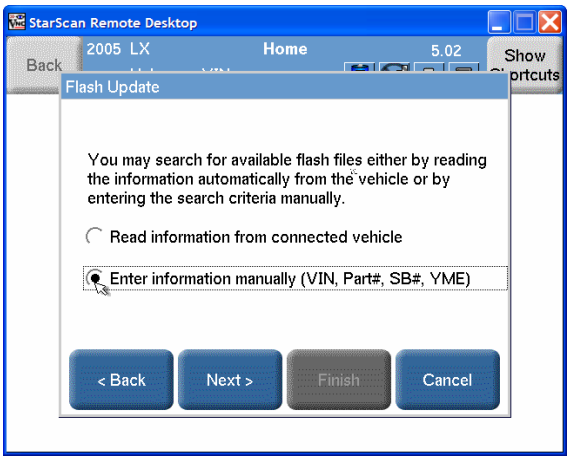

StarScan Remote Desktop
Wired Network Settings
Success
This network was configured successfully.
OK

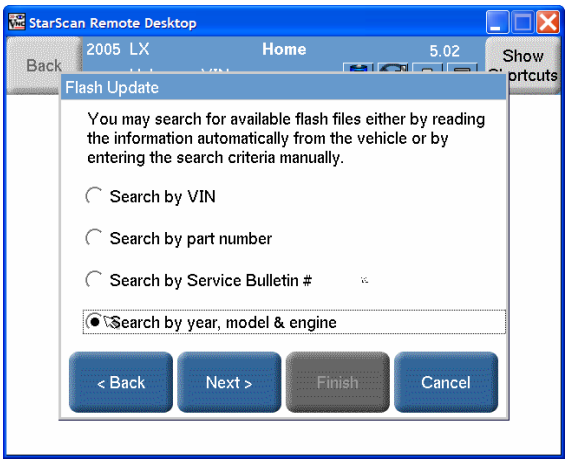
Using Your StarSCAN Networking Capabilities

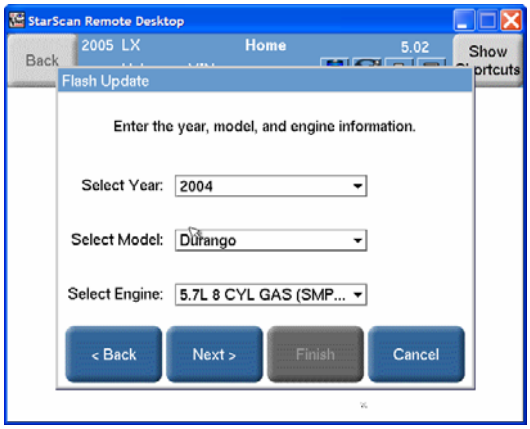
Currently, your StarSCAN supports downloading flash files directly from the Internet. Other features using the networking capability of the StarSCAN will be available in the future.

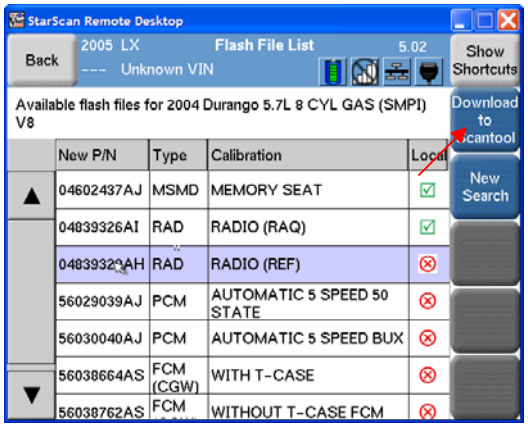
If you would like to try downloading a flash file, select 'Flash Download' from the Home screen. The wizard will guide you through the steps required to download a flash file to your StarSCAN. If successful, you will see a green check mark next to the file you attempted to download. This indicates that the download was successful and the file is now located on your StarSCAN.

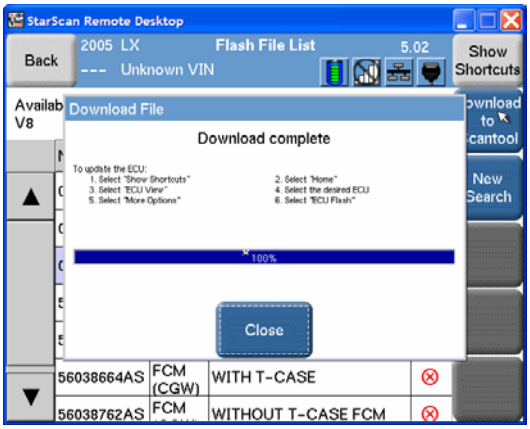







StarScan Remote Desktop
Back
2005 LX
Home
5.02
Show Shortcuts
Flash Update
Enter the year, model, and engine information.
Select Year: 2004
Select Model: Durango
Select Engine: 5.7L 8 CYL GAS (SMP...
< Back
Next >
Finish
Cancel


StarScan Remote Desktop
Back
2005 LX
Flash File List
5.02
--- Unknown VIN
Show Shortcuts
Available flash files for 2004 Durango 5.7L 8 CYL GAS (SMPI) V8
Download to Scantool
New Search
New P/N
Type
Calibration
Local
04602437AJ MSMD MEMORY SEAT
04839326AI RAD RADIO (RAQ)
04839329AH RAD RADIO (REF)
56029039AJ PCM AUTOMATIC 5 SPEED 50 STATE
56030040AJ PCM AUTOMATIC 5 SPEED BUX
56038664AS FCM (CGW) WITH T-CASE
56038762AS FCM WITHOUT T-CASE FCM


StarScan Remote Desktop
Back
2005 LX
Flash File List
5.02
--- Unknown VIN
Show Shortcuts
Download File
Download complete
100%
Close
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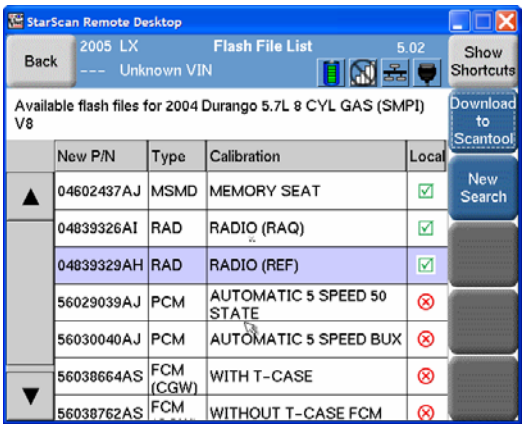
56038762AS FCM WITHOUT T-CASE FCM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