# StarSCAN<sup>TM</sup> 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<sup>TM</sup> 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 <u>http://www.dcctools.com</u>.

# 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<sup>TM</sup> 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 <u>http://www.dcctools.com/cgi-bin/contact.cgi</u> 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		
<b>IP</b> Settings		
DHCP Supported?		
If DHCP is not supported, fi	ll out the following:	
IP Address *		
Subnet Mask		
De fault Gate way		
P rimary DNS		
Secondary DNS		
Provy Settings		
P ro xy Required?		
If a proxy is required for you	r network, fill out the following:	
Server		
Port		
* If DHCP is not supported,	you will need to contact your Network Systems	



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.

Network and Dial-up Connections	Local Area Connection Status	Local Area Connection Properties
	General	General
Address I Network and Dial-up Connections I Connection	Connection Statu: Connected Duration: 3 days 05:19:59 Speed: 100.0 Mbps Activity Sent Received Packets: 145:202 96:368 Properties Disable	Connect using  Intel® PBD/1000 MT Network Connection  Components checked are used by this connection  Install  Install  Install  Popenties  Components  Shogs con in taskbar when connected
Intel(R) PRO/100 5 Desktop Adapter		



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.* 

	StarSCAN Network Configuration Workshee
ernet Protocol (TCP/IP) Properties	IP Settings
eneral Alternate Configuration	DHCP Supported?
You can get IP settings assigned automatically if your network supports this capability. Otherwise, you need to ask your network administrator for the	
appropriate IP settings.	If DHCP is not supported, fill out the following:
Qbtain an IP address automatically	IP Address*
OUge the following IP address:	
IP address:	Subnet Mask
Sybnet mask:	Default Gateway
Default gateway:	P rim ary DNS
Obtain DNS server address automatically	Secondary DNS
Use the following DNS server addresses:	
Preferred DNS server.	Proxy Settings
Alternate DNS server.	P ro xy R equired?
Advanced	
	If a proxy is required for your network, fill out the following:
OK	Server

\*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		Contact your Network System Coordinator to get a valid IP address, and enter this address in the 'IP Address' item on the worksheet
selected.		StarSCAN Network Configuration Workshoot
nternet Protocol (TCP/IP) Proj	perties	IP Settings
General		DHCP Supported?
You can get IP settings assigned a capability. Otherwise, you need to a appropriate IP settings. Qubtain an IP address automal (a) Uge the following IP address: IP address: Sigbnet mask: Default gateway:	utomatically if your network supports this ask your network administrator for the scally 192 . 168 . 1 . 1 255 . 255 . 0 192 . 168 . 2 . 1	If DHCP is not supported, fill out the following IP Address* Subnet Mask Default Gateway P rim ary DNS Secondary DNS
Optain DNS server address a     Optain DNS server	addresses:	
Preferred DNS server:	192 . 168 . 3 . 3	Proxy Settings
Alternate DNS server:		P roxy R equired?
	Adganced	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



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.

Automatic configuration Automatic configuration may override manual settings. To use of manual settings, disable automatic configuration.	ensure the
Automatically detect settings	
Use automatic configuration script	
Add <u>r</u> ess http://autoproxy.oddc.chrysler.com	
Proxy server	
Use a proxy server	
Address: Port: Adv	/anged,
Bypass proxy server for local addresses	
ОК	Cancel

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.'

	IP Settings	
ea Network (LAN) Settings	DHCP Supported?	
ation ration may override manual settings. To ensure	If DHCP is not supported, fill out the following:	
settings, disable automatic configuration. Jetect settings	IP Address*	
nfiguration script	Subnet Mask	
	Default Gateway	
	P rim ary DNS	
for your LAN (These settings will not apply to ections).	Secondary DNS	
Ports Advanced		
/ server for local addresses	Proxy Settings	
OK Cancel	P roxy R equired?	
	If a proxy is required for your network, fill out the following:	
	Server	
	Port	
		1.0

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



## **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.

Back	2004 HB 5.7L 1P3E546C2YD	Home 519693	DEV	Show Shortcuts
	ECU View		Flash Download	
	Network View		Vehicle Preparatio	n
	System View		More Options	

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.

IP Settings				
DHCP Supported?	Wired N	letwork Settings		11.1
	1	Name	Value	
If DHCP is not supported, fill out the following:		Built-in Ethernet Settir	ngs & Status	Chan
IP Address*	E	Enabled	Yes	
Subnet Mask	F	Physical Connection	Yes	Tes
De fault Gateway		P Settings		_
P rim ary DNS		DHCP Enabled	No	Teo
Secondary DNS		P Address		i ip
		Subnet Mask	255.255.254.0	Tog
Proxy Settings		Default Gateway		Heig
P roxy Required?	F	Primary DNS		
	▼ 5	Secondary DNS		Clos
If a proxy is required for your network, fill out the foll	wing:			
Server				
Port				



3. You can conveniently set your proxy user name in the Wired Network Settings popup 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.

rscanke		llama DEL	, 🕐
Wired	Network Settings		
	Name	Value	
	Secondary DNS	053.233.007.119 (DHCP)	Change
	Proxy Settings		
	Use Proxy	Yes	Test
	Server	css.appl.daimlerchrysler.co	
	Port	9080	Tech
	User Name		Tips
	Remember password	No	Toggle
	Password		Row
	DealerCONNECT Set	tings	Height
	User Id		
	Dealer Code		Close

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.

B Wir	ad Natwork Sattings		
	Name	Value	
	Use Proxy	Yes	Chang
_	Server	css.appl.daimlerchrysler.co	
	Port	9080	Test
	User Name		-
	Remember password	No	Tech
_	Password		Tips
	DealerCONNECT Set	tings	Toggi
	User Id		Row
	Dealer Code		Heigh
F	Remember password	Nota	01
	Password		Close



#### **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'.

Wired	Network Settings		
	Name	Value	Change
	Built-in Ethernet Settin	gs & Status	Change
	Enabled	Yes	Test
	Physical Connection	Yes	
	IP Settings	<b>_</b>	Tech Tips
	DHCP Enabled	Yes	Toggle
	IP Address	053.233.149.021 (DHCP)	Height
▼	Subnet Mask	255.255.254.000 (DHCP)	Close



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.

🔀 StarScan Remote Desktop		×
2005 LV Hama DEV		
B Wired Network Settings		w
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DealerCONNECT Login	lange	
	lange	
Dessurent	est	
Password:	and the second second	
Dester Centre		
Dealer Code:	ecn	
E Remember passward	ips	
, Remember password	Ingelo	
	oggie	
Show	eight	
Keyboard OK Cancel		
V Dealer Code	Close	

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 <u>www.dcctools.com</u> for more detailed instructions.







## **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.









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Bac	2005 LX	nown VII	Flash File List 5.	.02	Show Shortcuts		
Availa V8	Available flash files for 2004 Durango 5.7L 8 CYL GAS (SMPI) V8						
	New P/N	Туре	Calibration	Loca	Cantoon		
	04602437AJ	MSMD	MEMORY SEAT		New Search		
	04839326AI	RAD	RADIO (RAQ)				
	04839320AH	RAD	RADIO (REF)	⊗			
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Available flash files for 2004 Durango 5.7L 8 CYL GAS (SMPI) V8							
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