

INTRODUCTION OF FCA US SGW

What's FCA US SGW?

FCA vehicles (Fiat Chrysler Automobiles) have been protected with an SGW security module (Secure since 2017 Gateway) to prevent unauthorized diagnostics and security attacks.

This module limits diagnostic capabilities without authorized diagnostic tools. This limits functions ranging from Bi-directional testing to DTC clearing. The vehicle's SGW will need to be "unlocked" by the authenticated tester, and the Diagnostic tools.

Now FCA US is using the Automatic Authentication Authority (AutoAuth) to manage user accounts for access to SGW vehicles.

If you are a shop owner, you will first need to register a user account as a technician, then register your shop. (There is an annual \$50 fee per shop).

- 1. This membership covers up to 6 users (this includes the owner).
- 2. Each additional user is \$2/year.
- 3. There is a maximum of 100 users per shop.
- 4. There is a maximum of 100 scan tools per shop.

Note: There are multiple packages on AutoAuth's website, and the shop owner can choose the one that best suits their needs. The payment is charged by AutoAuth directly. TOPDON is not involved in any transaction process.

If you are a technician, you can create an account using the AutoAuth software application for free, and then provide your username to the shop you work at, the shop's account owner, and add it to your workplace's membership list. This way, you can use all of the tools registered under your shop's account.

Applicable Area

The United States, Mexico, and Canada.



FCA Vehicle		SGW Equipped				
		Model Year				
Brand	Model	2017	2018	2019	2020	
Chrysler	300	-	\checkmark	\checkmark	\checkmark	
Chrysler	Pacifica	-	\checkmark	\checkmark	\checkmark	
Dodge	Ram 1500	-	\checkmark	\checkmark	\checkmark	
Dodge	Ram 2500	-	\checkmark	\checkmark	\checkmark	
Dodge	Ram 3500	-	\checkmark	\checkmark	\checkmark	
Dodge	Ram 4500	-	\checkmark	\checkmark	\checkmark	
Dodge	Ram 5500	-	\checkmark	\checkmark	\checkmark	
Dodge	Journey	-	\checkmark	\checkmark	\checkmark	
Dodge	Challenger	-	\checkmark	\checkmark	\checkmark	
Dodge	Charger	-	\checkmark	\checkmark	\checkmark	
Dodge	ProMaster City	-	\checkmark	\checkmark	\checkmark	
Dodge	Durango	-	\checkmark	\checkmark	\checkmark	
Јеер	Renegade	-	\checkmark	\checkmark	\checkmark	
Јеер	Wrangler(JL)	-	\checkmark	\checkmark	\checkmark	
Јеер	Cherokee	-	-	\checkmark	\checkmark	
Јеер	New Compass	-	-	\checkmark	\checkmark	
Јеер	Grand Cherokee	-	\checkmark	\checkmark	\checkmark	
Јеер	Gladiator	-	-	-	\checkmark	
Јеер	Grand Commander	-	\checkmark	\checkmark	\checkmark	
Alfa Romeo	4C	-	-	-	-	
Alfa Romeo	Giulia	\checkmark	\checkmark	\checkmark	\checkmark	
Alfa Romeo	Stelvio	\checkmark	\checkmark	\checkmark	\checkmark	
Fiat	124 Spider	-	-	-	-	
Fiat	500	\checkmark	\checkmark	\checkmark	\checkmark	
Fiat	500L	\checkmark	\checkmark	\checkmark	\checkmark	
Fiat	500X		\checkmark	\checkmark	\checkmark	
Fiat	Novo Uno FL	\checkmark			$\overline{\checkmark}$	
Fiat	Toro		\checkmark	\checkmark	$\overline{\checkmark}$	

Which vehicles equiped with FCA SGW?

TOPDON®

How to Unlock the FCA SGW by TOPDON Diagnostic Tool?

- Which TOPON products are certificated with AutoAuth Gateway? FCA US has partnered with TOPDON to certify TOPDON manufactured diagnostic tools to secure SGW vehicles' access. Requirements:
 - ✓ Ensure TOPDON tools have the latest software (valid software subscription required)
 - \checkmark Tools need to connect to the Internet
 - ✓ Users will enter AutoAuth Credentials when prompted on the tool to unlock SGW vehicles
 - As of August 3, 2022, TOPDON has 7 devices equipped with the AutoAuth gateway. Among them are: Phoenix Lite 2, Plus, Elite, Pro, Smart, Remote, Max.
 We will also continue configuring the AutoAuth gateway to Unlock FCA SGW in more releases.

2. How to access the AutoAuth on Topdon Diagnostic Tool?

Step 1: When you diagnose FCA models, the following prompt will pop up, please click Yes.

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CHRYSLER V33.25 > 16 PIN Connector > Automat	ically Search					🖽 12.23V
The Vehicle Is Equipped With SG	W (Security Gate	ewav) Module.	Do You Want	To Loain To	Unlock SGW	(Security
···· · · · · · · · · · · · · · · · · ·	Ga	ateway) Module	?	J		()
		••				
	Cancel	Ves	No			
	Guilder	100	110			
Chrysler Crand Charolice 2010						
VIN ZN661XUS3KX325455						
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Chrysler			A		P
CHRYSLER V33.25 > 16 PIN Connector > Man The Vehicle Is Equipped With	ually Select > Jeep > 2018 (VIN 10	th) > Grand Cherokee >	erokee(WK) Ogin To U	Inlock SGW	€ 12.25v ' (Security
	Sign in to unlock SGW SN:989090000001	<u>Help</u>			
	North America	•			
	Username				
	Password				
	Retrieve Password	New Registration			
	SKIP	ок			
Chrysler Grand Cherokee(WK) 2018 (VIN 10 VIN ZN661XUS3KX325455	h)				
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Step 2: Log in to your AutoAuth account to unlock it.

NOTE:

*The actual display of diagnostic tools shall prevail *Once you log into AutoAuth on your TOPDOD tools, your Approved Credentials will be Auto Stored in the Software

3. How to register AutoAuth acccount?



1) Go to https://webapp.autoauth.com/

- 2) Click REGISTER
- 3) Setup AutoAuth User Account There is no payment until a user registers a service center (shop or technician). You will need to create a unique username. The username must be at least 8 alphanumeric characters starting with a letter. Usernames are lowercase. Once you decide on a username you will enter the other fields including:



- First name
- Last name
- Email address
- Password
- Password confirmation

(English	

User Signup

USERNAME		EMAIL	
FIRST NAME		CONFIRM EMAIL	
		PASSWORD	
		CONFIRM PASSWORD	
	Terms & Conditions	ACCEPT	
	THIS SITE IS PROTECTED THE GOOGLE PRIVACY P SERVICE APPLY.) BY RECAPTCHA AND OLICY AND TERMS OF	
(Sign	up	

Once you accept the terms and conditions, click the "Signup" button. This will create your account and AutoAuth will send you an email to confirm your email address. You are required to click the link sent in email to confirm your email address. Once this is done, you can then log in to the AutoAuth portal to manage your account at the AutoAuth home page.

https://webapp.autoauth.com.

4) To pay for service, first log in to your account. You will see a welcome to AutoAuth message. Click "Service Center Signup/Independent Technician Signup"





You'll be taken to the Service Center registration form.

	Service Center Name	
	Primary Contact Enter AutoAuth User Credentials	REGISTRATION FEE \$50/Year
	Username or Email Address	
	Password	Pay with card
	Need an Account? ADDRESS LINE 1:	Card Number
	Address Line 1	
AUTHENTICATION AUTHORITY	ADDRESS LINE 2:	Expiration Date (MM/YY)
ng an Independent Trust	Address Line 2	MM/YY
prity for OEMs, Tools Vendors &	CITY:	CVV (3 digits)
e Shops to securely service n vehicles	City	
	STATE: ZIP:	Postal Code
	State zip	
	COUNTRY:	
	Country	\supset
	PHONE NUMBER:	
	Phone Number	\supset
	Terms & Cond	litions Accept

Enter a name for your shop. (This can be changed later.)

Enter your username. (This cannot be changed later.) Enter your password.

Enter your Address, city, state, postal code, and country.

Enter your phone number.

Enter your credit card number.

Enter your expiration date of your card.

Enter the CVV number of your card.

After reading the terms and conditions, check the box that you agree to them.

Check the box at the bottom to confirm you are not a robot.

Click the "Signup" button at the bottom of the page.

NOTE: The payment charge by AutoAuth directly, TOPDON is not involved in any transaction process.

You will now have "Manage Tools" and "Manage Users" available in your



menu at the left of the page as shown below:

	Welcome to AutoAuth!	Upgrade To Standard Plus
-V ⁶ My Activity	Shop SpeedyRepairCo My Role OWNER My Status 🌒 ACTIVE	
Manage Tools		
Anage Users	Get Started to register tools for your shop so you can start servicing vehicles.	+ Add User + Add Tools
View Reports PLUS		
Stats & Trends PLUS Shop Actions PLUS Tool Actions PLUS	Upgrade To Standard Plus Standard Plus will give you, the Owner, a log of all your past shop actions.	Upgrade Now
SpeedyRepairCo		
alexsmith76		
Compare Plans		

The next step is to register your tool serial numbers.

5) After logging in as the shop owner, select "Manage Tools" from the left menu.

AUTOAUTH	Manage Tools / Current Tool	s	Upgrade To Standard Plus
My Activity	Get Started Add tools to your shop so you o	an start servicing vehicles.	+ Add Tool
Manage Tools	Add Tool		
Anage Users	MANUFACTURER MODEL	SERIAL NO.	ACTIONS
View Reports PLUS			
Stats & Trends PLUS Shop Actions PLUS Tool Actions PLUS		No Tools Associated with	Shop
SpeedyRepairCo			
j∃≣ alexsmith76			
Compare Plans			

Click the "+ Add Tool" button.

	Manage Tools / Current Tools	Add Tool	
-√∿ My Activity	Get Started Add tools to your shop so you can start s		Pick the Type of Tool MANUFACTURER None Selected
Manage Tools	Add Tool		TOOL MODEL
Manage Users	MANUFACTURER MODEL		None Selected
View Reports PLUS			Serial Number
Stats & Trends PLUS Shop Actions PLUS Tool Actions PLUS			Add Tool
SpeedyRepairCo			
alexsmith76			
Compare Plans			

Select the manufacturer of TOPDON.

Select the model of your tool. (Phoenix Lite 2, Plus, Elite, Pro, Smart,

TOPDON®

Remote, Max)

Enter the serial number for your tool.

Click the "Add Tool" button. You may now see the TOPDON diagnostic tool in your list.

	Manage Tools / Current Tools	Upgrade To Standard Plus	Shop: ThadShop1
	Add Tool		
-Ves iny Activity	MANUFACTURER MODEL	SERIAL NO.	ACTIONS
Manage Tools	ToolcompanyA Scantron 2000	ABC123	
Anage Users	ToolcompanyA Scantron 3000	XYZ007	Ê
View Reports PLUS	ToolcompanyB DiagMaster	ZZZ-422	
Stats & Trends PLUS Shop Actions PLUS	ToolcompanyC CodeTek III	8675309	
Tool Actions PLUS			
X ThadShop1			
E thaddeus1			
Compare Plans			

Note that a TOPDON tool serial registered to a shop can be used by all registered shop users. However, a tool serial cannot be used by more than one shop.

After your TOPDON tools are added to your shop account, they are authorized by AutoAuth to unlock the secure gateway on vehicles. There is no delay after registering your serial numbers.

More About AutoAuth

AutoAuth is an independently owned and operated service working in conjunction with Auto OEMs and independent Tool Vendors. AutoAuth provides a service for Independent Operators to unlock vehicles to securely provide service to their customers. New vehicles will come enabled with the latest cyber security features to protect vehicle owners from cyb]per attack. AutoAuth works with independent Tool Vendors to ensure the tools independent operators use to do their jobs are AutoAuth certified tools. This will allow Independent Operators to continue to service cyber enabled vehicles. AutoAuth provides the registration service and "unlock codes" to Independent Operator's service tools to unlock vehicle gateways to perform day to day service.

To get to the AutoAuth WEB Portal please visit: <u>https://webapp.autoauth.com</u>