

AUTOPHIX[®]

UŽIVATELSKÝ MANUÁL 9210



Bezpečnostní opatření

Před prvním použitím si prosím pečlivě přečtěte uvedený manuál. Manuál si ponechte pro pozdější referenci. Jinak hrozí riziko poranění nebo poškození automobilu.

- Testování provádějte v bezpečném a dobře větraném prostředí.
- Nepokoušejte se zařízení obsluhovat nebo sledovat během řízení vozidla.
- Obsluha nebo pozorování zařízení rozptyluje pozornostřidiče a může způsobit smrtelnou nehodu.
- Chraňte si oči a noste vhodné ochranné pomůcky a brýle (ANSI standard).
- Udržujte oděv, vlasy, ruce, náradí, zkušební zařízení atd. v dostatečné vzdálenosti od všech pohyblivých nebohorkých částí motoru.
- Automobil uveďte do provozu v dobře větrné místnosti. Výfukové plyny a splodiny jsou jedovaté.
- Zařaďte převodovku do polohy parkování (u automatické převodovky) nebo neutrál (u manuální převodovky) a zkontrolujte, zda je zatažená parkovací brzda.
- Zařízení udržujte suché, čisté, bez oleje/vody nebo mastnoty. V případě potřeby očistěte vnější část skenovacího zařízení jemným čisticím prostředkem.

Tip: Před použitím zařízení, vložte zařízení do vozidla. Poté vozidlo nastartujte

O zařízení 9210

1. Kompatibilita

- 1) Model 9210 funguje na většině amerických, evropských a asijských vozidel kompatibilních s OBDII uvedených po roce 1996.
- 2) Podporuje tyto vozy od roku 1996 do současnosti: Buick, Cadillac, Chevrolet, Daewoo, GMC, Hummer Holden, Oldsmobile, Pontiac Saturn. Funguje na všech systémech, jako je motor, převodovka, ABS a airbag atd.
- 3) Podporuje vozy Chevrolet, GMC, Hummer od roku 1996 do současnosti.

2. Specifikace výrobku

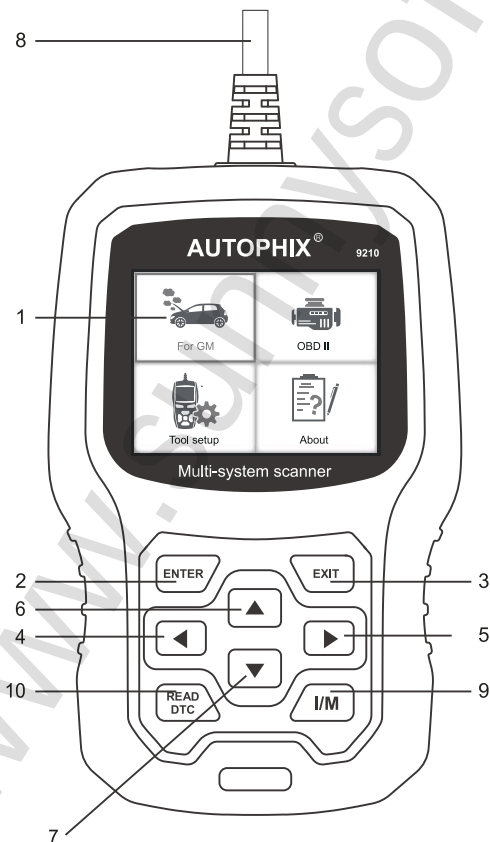
2,8"LCD, 320 X 240 pixelů, barevná obrazovka

Provozní napětí: 8 - 18 V

Provozní teplota: 0 - 60 °C (32 - 140 °F)

Teplota skladování: -20 - 70 °C (4 - 158 °F)

3. Popis zařízení



1. LCD displej - zobrazení výsledku měření, podsvícení, 320 x 240 pixelů.
2. Tlačítko ENTER - potvrzení výběru z menu.
3. Tlačítko EXIT - zrušení výběru z menu nebo návrat do menu.
4. Tlačítko doleva - pohyb v menu a pod menu doleva, během prohlížení dat, pomocí tlačítka přejděte na poslední obrazovku.
5. Tlačítko doprava - pohyb v menu a pod menu doprava, během prohlížení dat, pomocí tlačítka přejděte na další obrazovku.
6. Tlačítko nahoru - pohyb v menu a pod menu nahoru, při obnově dat pro více než jednu obrazovku, přesunem nahoru se přesune předchozí obrazovka.
7. Tlačítko dolů - pohyb v menu a pod menu dolů, při obnově dat pro více než jednu obrazovku, přesunem dolů se přesune na další obrazovku.
8. Konektor OBD se 16 piny - zapojte zařízení do konektoru vozidla (Data Link Connector, DLC).
9. Tlačítko I/M - rychlá kontrola stavu připravenosti na emise a ověření jízdního cyklu.
10. Tlačítko READ DTC - rychlé čtení chybových kódů.

I/M Readiness			
IGN	Spark	DTC	0
MIL		PdDTC	0
MIS	⊘	EVAP	⊘
FUE	✓	AIR	⊘
CCM	✓	O2S	✗
CAT	✓	HTR	✗
HCAT	⊘	EGR	⊘

Poznámky:

MIL žlutá - přístrojová deska MIL ON
MIL šedá - přístrojová deska MIL OFF

⊘ - nepodporuje

✓ - kompletní

✗ - není kompletní

Návod k obsluze

1. Spojení 9310

1.1 Zapněte zapalování.

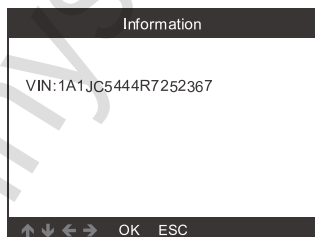
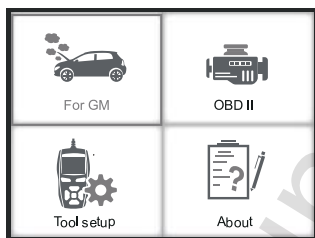
1.2 Vyhledejte 16-pinový konektor (Data Link Connector (DLC)).

2. 9210 Vlastnosti

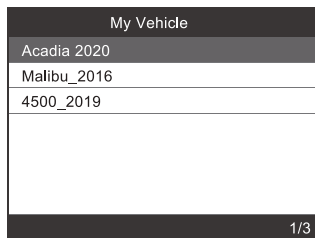
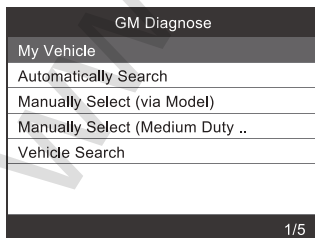
2.1 Pro GM

Zvolte [For GM] a automaticky se načte VIN kód vozidla.

Následujícím způsobem:



2.1.1 Stisknutím tlačítka [OK] pokračujte, v nabídce [My vehicle] systém může mít až tři modely. Model vozu si můžete předem uložit do produktu. Při dalším testu můžete ušetřit čas přímým výběrem odpovídajícího modelu.



2.1.2 V nabídce [Automatically Search] (Automatické vyhledávání) může být identifikován název a rok výroby vozidla podle VIN kódu.

GM Diagnose
My Vehicle
Automatically Search
Manually Select (via Model)
Manually Select (Medium Duty ..
Vehicle Search
2/5

VIN
1A1JC5444R7252367
Is The VIN Correct?
↑ ↓ ← → OK ESC

Automatically Search
Fast Enter Don't Support This Vehicle, Please Select Menu To Enter.
↑ ↓ ← → OK ESC

2.1.3 V nabídce [Manually Select(Via Model)] se zobrazí následující:

GM Diagnose
My Vehicle
Automatically Search
Manually Select (via Model)
Manually Select (Medium Duty ..
Vehicle Search
3/5

Select Brand
Chevrolet
Buick
Cadillac
GMC
Alpheon
Ravon
Pontiac
1/13

Model Year
2020
2019
2018
2017
2016
2015
2014
1/25

Select Series
Aveo
Beat
Bolt
Camaro
Cavalier
Cobalt
Colorado
1/34

Scanning...[50%]	
Transmission Control Modul...	OK
Body Control Module (BCM)	
2/2	

Information
Do you want to save your vehicle data?
↑ ↓ ← → OK ESC

Information
Saving vehicle data...
↑ ↓ ← → OK ESC

Menu
System Scan
System Selection
Special Functions
1/3

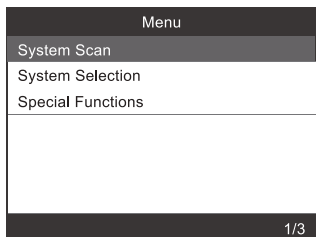
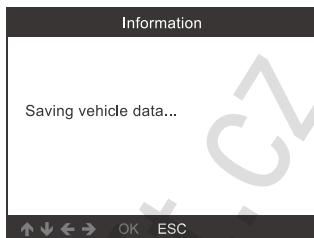
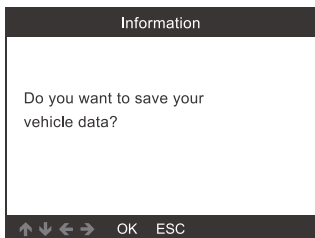
2.1.4 V nabídce [Manually Select(Medium Duty Truck)] se zobrazí následující údaje:

GM Diagnose
My Vehicle
Automatically Search
Manually Select (via Model)
Manually Select (Medium Duty ..
Vehicle Search
4/5

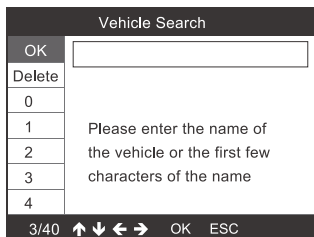
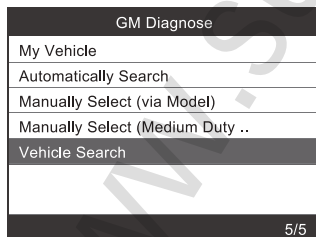
Model Year
2019
2018
2017
2016
2009
2008
2007
1/25

Select Series
Chevrolet
1/1

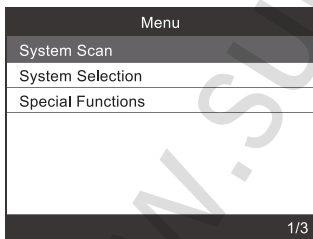
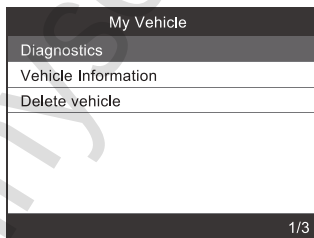
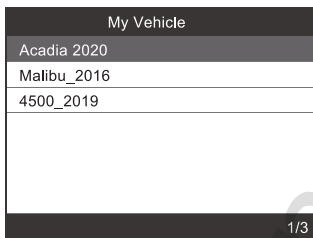
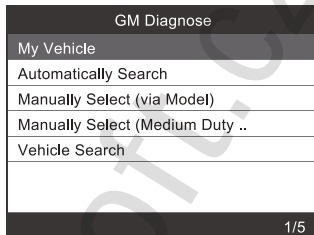
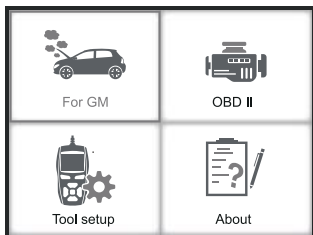
Chevrolet
4500
5500
6500
1/3



2.1.5 V nabídce [Vehicle Search] je uvedeno následující:



2.1.6 Prostřednictvím výše uvedených metod, po uložení vozidla, vstupte přes [My Vehicle] do následujícího rozhraní.



Kliknutím na tlačítko [OK] přejděte do režimu [system scan] (kontrola systému), po automatickém skenování se chybný systém zobrazí červeně. Po zadání chybného systému se zobrazí následující obsah:

Scanning ... [20%]	
Engine Control Module (ECM)	4
Transmission Control Module	
1/2	

Scanning ... [50%]	
Engine Control Module (ECM)	4
Electronic Brake Control M..	OK
Power Steering Control Mo...	1
Body Control Module (BCM)	
1/4	

GM Diagnose	
Engine Control Module (ECM)	4
Transmission Control Module	OK
Transmission Control Module	1
1/3	

Function Menu	
Module Information	
Read Fault Code	
Clear Fault Code	
Read Data Stream	
1/4	

Zadejte [Module Information] (informace o modulu), zobrazí se následující:

Datastream	
View All Items	
Select Items	
1/2	

Datastream	
vehicle Identification Number (VIN)	KL3TF48E9 EB515662
Base Model Part Number	080102AA
Base Model Part Number Alpha code	N/A
End Model Part Number	16777215
Boot software Part Number-	N/A
1/4	

Zvolte možnost [Select Items] a stiskněte tlačítko [OK] takto:

Datastream	
View All Items	
Select Items	
2/2	

Datastream	
[]	All Datastream of Page
[]	Air conditioning (A/c)compressor clutch Relay
[]	Air conditioning (A/c)compressor operation
[]	Accessory
[]	Airl Fuel Equi valence Ratio command[.1]

1~4/58

Stisknutím tlačítek [VLEVO] a [VPRAVO] listujete mezi stránkami.

Stisknutím tlačítek [NAHORU] a [DOLŮ] postupně vybíráte jedno po druhém.

Stisknutím tlačítka [OK] vyberte datový tok.

Stisknutím tlačítka [ESC] přečtete datový tok.

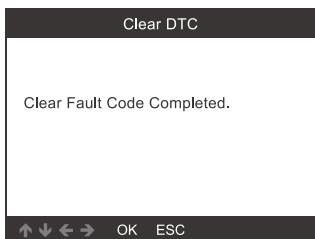
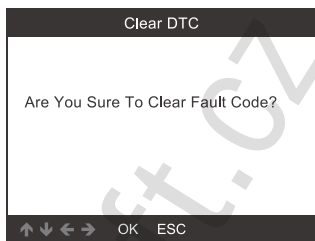
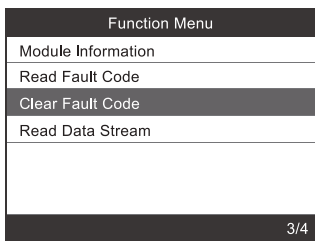
Zadejte [Read Fault Code], zobrazí se následující:

Function Menu
Module Information
Read Fault Code
Clear Fault Code
Read Data Stream

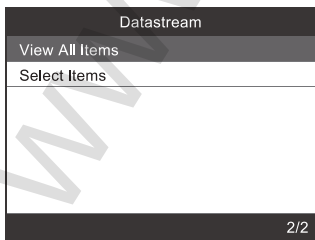
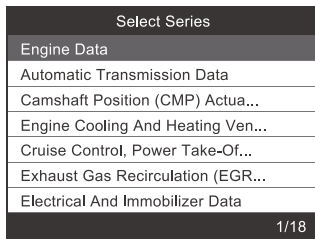
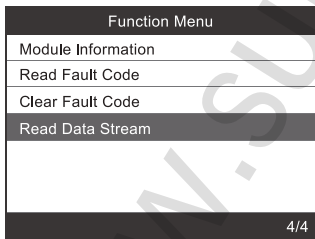
2/4

The image shows a handheld device screen with a black header bar at the top containing the text "02-Read Fault Codes" in white. Below the header, the screen is white. In the upper left, the text "F1190102" is displayed. In the upper right, the text "1/4" is displayed. In the center of the screen, the text "The fault code is not found in the database" is displayed in black. At the bottom of the screen, there is a black bar containing six white icons: an up arrow, a down arrow, a left arrow, a right arrow, the text "OK", and the text "ESC".

Zadejte [Read Fault Code], zobrazí se následující:



Zadejte [Read Data Stream], zobrazí se následující:



Zadejte [System Selection], zobrazí se následující:

Menu
System Scan
System Selection
Special Functions
2/3

System Menu
Engine Control Module (ECM)
Electronic Brake Control Modul...
Power Steering Control Module...
Body Control Module (BCM)
Inflatable Restraint Sensing An...
Radio/HVAC Controls (RHC)
1/6

Function Menu
Module Information
Read Fault Code
Clear Fault Code
Read Data Stream
1/4

Zadejte [Read Data Stream], zobrazí se následující:

2.2 Speciální funkce

Po zadání [Special Functions] se zobrazí následující:

Menu
System Scan
System Selection
Special Functions
3/3

System Functions
Reset Functions
Automated Brake Bleed
Battery Sensor Module Learn
Idle Learn
Steering Wheel Angle Sensor L...
Steering Wheel Angle Sensor R...
Steering Wheel Angle Sensor C...
1/9

2.2.1 Resetování životnosti motorového oleje

Stiskněte tlačítko [Reset Functions] a přejděte na položku [Engine Oil Life Reset]. Podle pokynů na rozhraní dokončete Resetování životnosti motorového oleje.

Konkrétní kroky jsou následující:

Special Functions
Engine Oil Life Reset
Throttle Actuator Reset

1/2

Information
Turn Ignition ON(If This Vehicle Is Equipped With Engine Start/Stop System. Please Press And Hold The Start/Stop Button For About 5 Seconds). Do Not Start Engine.

↑ ↓ ← → OK ESC

Information
Press[OK] To Continue.

↑ ↓ ← → OK ESC

Engine Oil Life Reset	
Input	Current value:0% Input value:0%
Execu...	

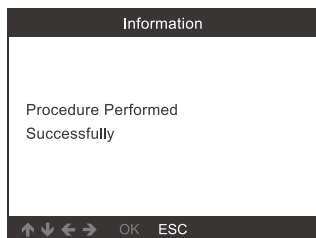
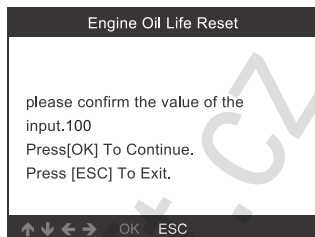
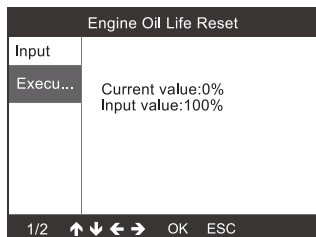
1/2 ↑ ↓ ← → OK ESC

Engine Oil Life Reset	
OK	
Delete	
0	
1	please input a decimal
2	number, minimum value:0
3	max: 100
4	

3/12 ↑ ↓ ← → OK ESC

Engine Oil Life Reset	
OK	100
Delete	
0	
1	please input a decimal
2	number, minimum value:0
3	max: 100
4	

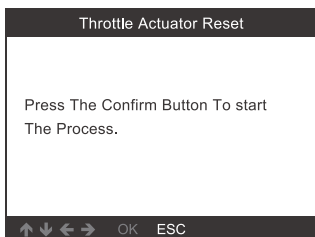
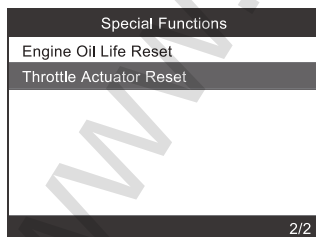
3/12 ↑ ↓ ← → OK ESC

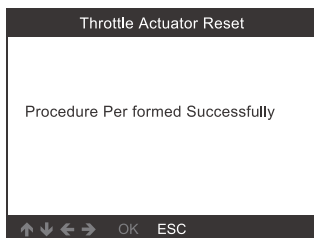
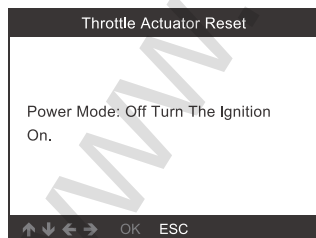
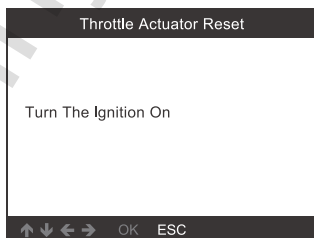
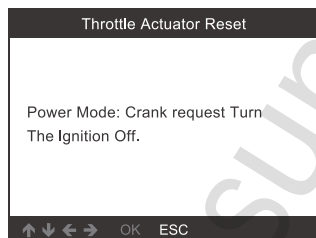
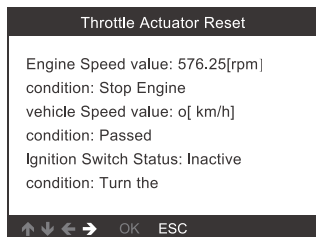
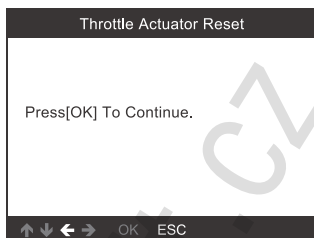
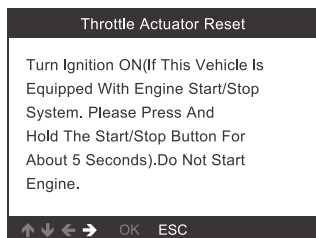


2.2.2 Funkce resetování regulátoru škrticí klapky

Stiskněte tlačítko [Reset Functions] a přejděte na položku [Throttle Acuator Reset] Podle pokynů na rozhraní dokončete akci přiřazení škrticí klapky.

Konkrétní kroky jsou znázorněny na obrázku níže:





Poznámka: Speciální funkce jednotlivých modelů se mohou lišit.

3. OBDII systém

3.1 Čtení kódů

Uložené kódy jsou také známé jako "pevné kódy" nebo "trvalé kódy".

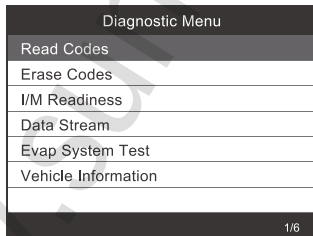
Tyto kódy způsobují, že se v řídicím modulu rozsvítí kontrolní světlo multifunkce (MIL), když se vyskytne závada související s emisemi.

Čekající kódy jsou také označovány jako "doznívající kódy" nebo "kódy průběžného sledování".

Označují problém, který řídicí modul zjistil během aktuálního nebo posledního jízdního cyklu, ale nepovažuje se za závažný.

Pokud během následujícího zahřívacího období nedojde k žádné poruše, nerozsvítí se kontrolka poruchy a kódy se z paměti vymažou.

1) Použijte tlačítko nahoru/dolů a vyberte "Read Codes" z diagnostického menu a stiskněte poté Enter.



Pokud nejsou k dispozici žádné diagnostické chybové kódy, zobrazí se na displeji zpráva "V modulu nejsou uloženy žádné (čekající) kódy! "No (pending) codes are stored in the module". Počkejte několik sekund nebo se stisknutím libovolného tlačítka vraťte do diagnostického menu.

2) Zobrazte na displeji DTCs.

DTC	
P0143 Generic	1/8 Current
O2 Sensor Circuit Low Voltage Bank 1 Sensor 3	
↑ ↓ ← → OK ESC	

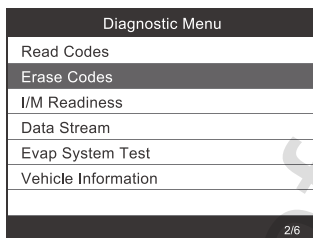
V pravém horním rohu displeje se zobrazí číslo řídicího modulu, pořadí DTS, celkový počet zjištěných kódů a typ kódů (Generic of Manufacturer specific).

3.2 Mazání kódů

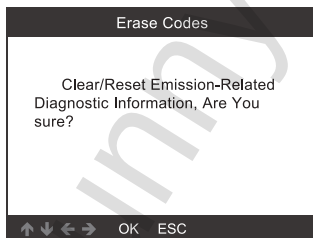
Poznámka: funkce lze použít při vypnutém motoru. Motor nestartujte. Před provedením této funkce se ujistěte, že jste načtli a zaznamenali poruchové kódy. Po vyčištění znovu načtete poruchové kódy nebo zapnete zapalování a znovu načtete kódy. Pokud sestále objevují poruchové kódy, zjistěte nejprve příčinu, která kód potíží způsobila, a poté problém vyřešte.

Nyní lze poruchové kódy vymazat.

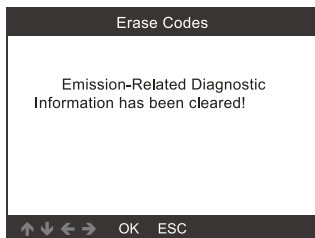
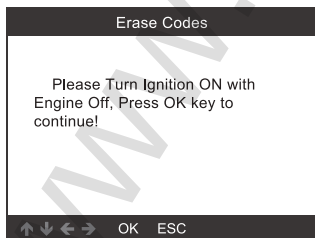
1) Použijte tlačítko nahoru/dolů a vyberte "Erase Codes"z diagnostického menu a stiskněte tlačítko Enter.



2) Zobrazí se varovná zpráva s žádostí o potvrzení.



2) Potvrďte stisknutím [OK].



3.3 I/M připravenost

I/M se vztahuje na kontrolu a údržbu, kterou nařizuje vláda, aby byly splněny federální normy pro čistotu ovzduší. Připravenost k I/M označuje, zda různé systémy vozidla související s emisemi fungují správně a zda jsou připraveny ke kontrole a údržbě.

Funkci I/M připravenost "Monitor Status" lze také použít (poprovedení opravy závady) k potvrzení, že oprava byla provedena správně, a/nebo ke kontrole stavu běhu monitorování.

Diagnostic Menu	
Read Codes	
Erase Codes	
I/M Readiness	
Data Stream	
Evap System Test	
Vehicle Information	
3/6	

I/M Readiness	
Since DTCs Were Cleared	
This Drive Cycle	
1/2	

3.4 Datový tok

Skenovací zařízení OBDII je speciální diagnostické zařízení, které komunikuje s počítačem vozidla. Skenovací zařízení umožňuje zobrazit "živá" data v reálném čase. Tyto informace zahrnují hodnoty (volty, otáčky, teplota, rychlostní smyčka, stav palivového systému atd.) generované různými snímači, spínači a akčními členy vozidla.

Stiskněte Enter.

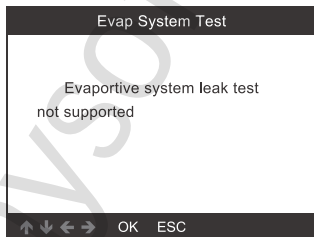
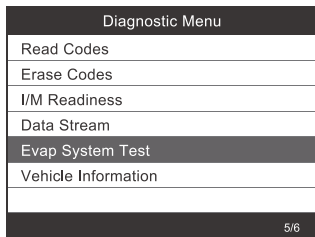
Diagnostic Menu	
Read Codes	
Erase Codes	
I/M Readiness	
Data Stream	
Evap System Test	
Vehicle Information	
4/6	

Datastream	
View All Items	
Select Items	
1/2	

3.5 Zkouška těsnosti

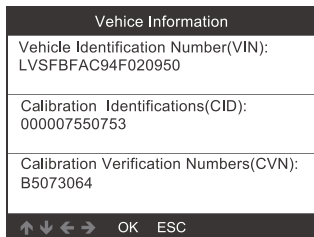
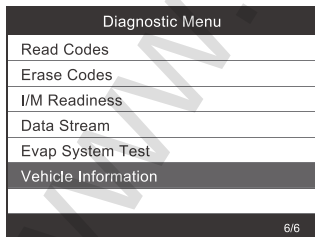
Tato funkce umožňuje vytvořit podmínky potřebné k provedení testu těsnosti odpařovacího systému, ale ve skutečnosti tento test neprovádí. Výrobce vozidla je zodpovědný za stanovení kritérií pro automatické zastavení testu.

Před provedením této funkce se podívejte do servisní příručky vozidla, a zjistěte potřebné postupy.



3.6 Informace o vozidle

Vyberte "Vehicle Information" a stiskněte "Enter", na displeji budou zobrazeny informace VIN (identifikační číslo vozidla), CID (ID kalibrace) a CVN (kalibrační ověřovací číslo).



4. Nastavení zařízení

4.1 Jazyk

Vyberte [Language], zobrazí se následující:

Tool Setup
Language
Beeper
Instructions(Display at startup)
Unit of Measure
Skin Style
Feedback the test result
Device Information

1/7

Language
English

1/1

4.2 Pípnutí

Vyberte [Beeper], zobrazí se následující:

Tool Setup
Language
Beeper
Instructions(Display at startup)
Unit of Measure
Skin Style
Feedback the test result
Device Information

2/7

Beeper
OFF
ON

1/2

4.3 Instrukce (zobrazení při spuštění)

Vyberte [Instructions (Display at startup)] a zobrazíte následující:

Tool Setup
Language
Beeper
Instructions(Display at startup)
Unit of Measure
Skin Style
Feedback the test result
Device Information

3/7

Instructions(Display at startup)
OFF
ON

1/2

4.4 Jednotky

Vyberte [Unit of Measure] a zobrazíte následující:

Tool Setup
Language
Beeper
Instructions(Display at startup)
Unit of Measure
Skin Style
Feedback the test result
Device Information

4/7

Unit of measure
Metric
Imperial

1/2

4.5 Barevnost zobrazení

Vyberte [Skin Style] a zobrazíte následující:

Tool Setup
Language
Beeper
Instructions(Display at startup)
Unit of Measure
Skin Style
Feedback the test result
Device Information

5/7

Skin Style
Sky Gray
Gem Blue

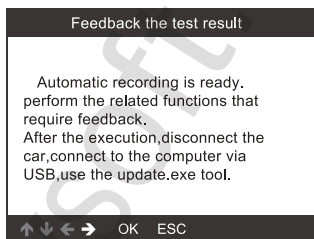
1/2

4.6 Zpětná vazba k výsledku testu

1. Pokud se zobrazí potíže nebo chyby, použijte, prosím, funkci zpětné vazby. Vyberte [Feedback The Test Result] a zobrazte následující:

Tool Setup
Language
Beeper
Instructions(Display at startup)
Unit of Measure
Skin Style
Feedback the test result
Device Information

6/7



Dále: Několikrát stiskněte tlačítko "Exit" a vraťte se zpět do hlavního menu.

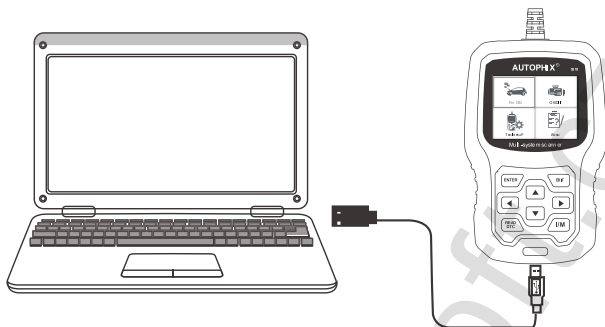
2. Například: neúspěšná registrace výměny baterie. Vyberte [Register battery change] a proveďte registraci baterie (tento krok je velice důležitý).

Poznámka: udržujte spojení zařízení s vozidlem podle výše uvedených kroků.

3. Po registraci baterie, odpojte od vozidla.

4. Přesuňte data do počítače a vygenerujte soubor zpětné vazby.

Stáhněte aktualizovaný soubor do počítače z webové stránky Autophix. Zařízení spojte s počítačem prostřednictvím USB kabelu.

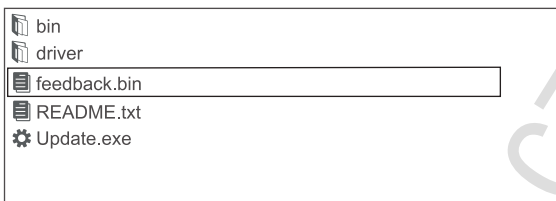


Vyberte [Update] souboru a zobrazíte na displeji následující:



Stiskněte [Feedback] a zobrazíte na displeji následující:

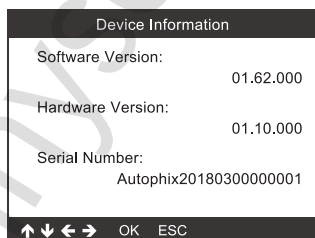
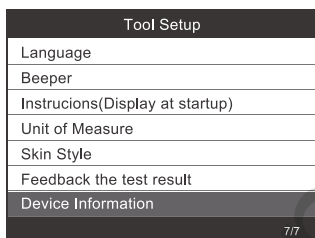




Soubor pro zpětnou vazbu feedback.bin zašlete prosím na support@autophix.com.

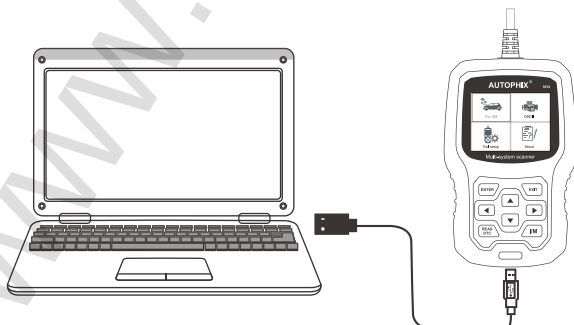
4.7 Informace o zařízení

Vyberte [Device Information] a zobrazíte následující:



5. Aktualizace

Pomocí USB kabelu připojte zařízení k počítači.



- 1) Po aktualizaci systému, pouze Windows 7/8/10 je podporován.
- 2) Lze přímo aktualizovat na Windows 8 a 10.
- 3) U Windows 7, driver software je nainstalován do počítače.

Poznámka: výše uvedené výsledky jsou příklady; skutečné výsledky naleznete na skutečném testovacím vozidle.

Distributor
Sunnysoft s.r.o.
Kovanecká 2390/1a
190 00 Praha 9
Česká republika
www.sunnysoft.cz

AUTOPHIX®

BENUTZERHANDBUCH

9210



Sicherheitsvorkehrungen

Bitte lesen Sie dies vor dem ersten Gebrauch sorgfältig durch.

Bedienungsanleitung. Bewahren Sie die Bedienungsanleitung zum späteren Nachschlagen auf.

Andernfalls besteht Verletzungsgefahr oder die Gefahr von Schäden am Fahrzeug.

- Die Tests sollten in einem sicheren und gut belüfteten Bereich durchgeführt werden.

Umfeld.

- Versuchen Sie nicht, das Gerät während der Fahrt zu bedienen oder zu überwachen.

- Die Bedienung oder Beobachtung des Geräts lenkt den Fahrer ab und kann einen tödlichen Unfall verursachen.

- Schützen Sie Ihre Augen und tragen Sie geeignete Schutzausrüstung und Brille (ANSI-Standard).

- Kleidung, Haare, Hände, Werkzeuge, Testgeräte usw. müssen von allen beweglichen oder heißen Motorteilen ferngehalten werden.

- Betreiben Sie das Auto in einem gut belüfteten Raum.

Abgase und Dämpfe sind giftig.

- Schalten Sie das Getriebe in Parkstellung (bei Automatikgetriebe). Getriebe) oder Leerlauf (Schaltgetriebe) und

Prüfen Sie, ob die Feststellbremse angezogen ist.

- Halten Sie das Gerät trocken, sauber und frei von Öl/Wasser oder Fett. Reinigen Sie gegebenenfalls die Außenseite des Scanners mit einem milden Reinigungsmittel.

Hinweis: Stecken Sie das Gerät vor der Verwendung in das Fahrzeug. Starten Sie anschließend das Fahrzeug.

Über den 9210

1. Kompatibilität

1) Das 9210 funktioniert mit den meisten OBDII-kompatiblen amerikanischen, europäischen und asiatischen Fahrzeugen, die nach dem Jahr 2000 auf den Markt gekommen sind 1996.

2) Unterstützt folgende Fahrzeuge von 1996 bis heute: Buick, Cadillac, Chevrolet, Daewoo, GMC, Hummer Holden, Oldsmobile, Pontiac und Saturn. Funktioniert mit allen Systemen wie Motor, Getriebe, ABS und Airbag usw.

3) Unterstützt Chevrolet-, GMC- und Hummer-Fahrzeuge von 1996 bis heute.

2. Produktspezifikationen

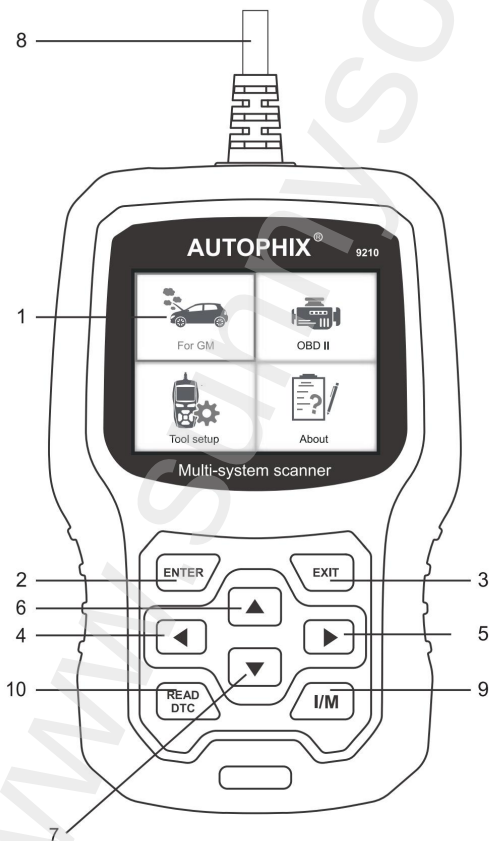
2,8"-LCD, 320 x 240 Pixel, **Farbbildschirm**

Betriebsspannung: 8 - 18 V

Betriebstemperatur: 0 - 60 °C (32 - 140 °F)

Lagertemperatur: -20 - 70 °C (4 - 158 °F)

3. Gerätebeschreibung



1. LCD-Display – Anzeige der **Messergebnisse**,
Hintergrundbeleuchtung, 320 x 240 Pixel.
2. **ENTER-Taste** – bestätigt die Menüauswahl.
3. **EXIT-Taste** – bricht eine Menüauswahl ab oder kehrt zum Menü zurück.
4. **Linke Taste** – Bewegen Sie sich im Menü und unterhalb des Menüs nach links, während Sie Daten anzeigen. Verwenden Sie die Taste, um zum letzten Bildschirm zu gelangen.
5. **Rechte Maustaste** – im Menü und unterhalb des Menüs navigieren
Richtig, während Sie die Daten betrachten, können Sie mit der Schaltfläche zum nächsten Bildschirm wechseln.
6. **Aufwärtstaste** – Bewegen Sie sich im Menü und Untermenü nach oben. Wenn Sie Daten für mehr als einen Bildschirm wiederherstellen, bewegen Sie sich mit der Aufwärtstaste nach oben, um zum vorherigen Bildschirm zu gelangen.
7. **Abwärtstaste** – bewegt sich im Menü nach unten und unterhalb des Menüs, wenn
Um Daten für mehr als einen Bildschirm wiederherzustellen, scrollen Sie nach unten, um zum nächsten Bildschirm zu gelangen.
8. **16-poliger OBD-Stecker** - Stecken Sie das **Gerät** in den Data Link Connector (DLC) des Fahrzeugs.
9. **I/M-Taste** – Schnellprüfung des Emissionsbereitschaftsstatus und Überprüfung des Fahrzyklus.
10. **DTC-Taste lesen** – schnelles Auslesen von Fehlercodes.

I/M Readiness			
IGN	Spark	DTC	0
MIL		PdDTC	0
MIS	⊘	EVAP	⊘
FUE	✓	AIR	⊘
CCM	✓	O2S	✗
CAT	✓	HTR	✗
HCAT	⊘	EGR	⊘

Kommentar:

MIL gelb - Kontrollleuchte MIL an
MIL grau - Armaturenbrett MIL AUS

⊘ - wird nicht unterstützt

✓ - vollständig

✗ - nicht vollständig

Bedienungsanleitung

1. Verbindung 9310

1.1 Zündung einschalten .

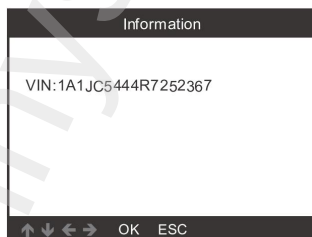
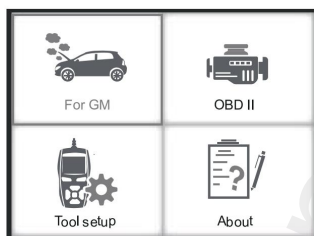
1.2 Suchen Sie den 16-poligen Stecker (Data Link Connector (DLC)).

2. 9210 Funktionen

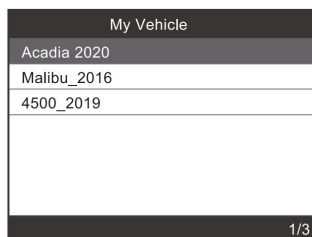
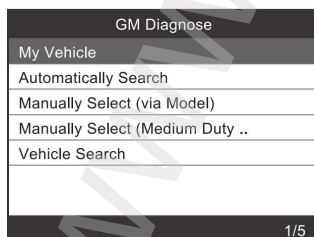
2.1 Wählen Sie für

GM [Für GM] aus, und der Fahrzeugidentifikationscode (VIN) wird automatisch ausgelesen.

Auf folgende Weise:



2.1.1 Drücken Sie **[OK]**, um fortzufahren. Im Menü **[Mein Fahrzeug]** können bis zu drei Modelle gespeichert werden. Sie können das Fahrzeugmodell vorab im Produkt speichern. So sparen Sie Zeit, indem Sie beim nächsten Test direkt das entsprechende Modell auswählen.



2.1.2 Im Menü [Automatische Suche] können Fahrzeugname und Baujahr anhand der Fahrgestellnummer (VIN) ermittelt werden.

GM Diagnose
My Vehicle
Automatically Search
Manually Select (via Model)
Manually Select (Medium Duty ..
Vehicle Search

2/5

VIN
1A1JC5444R7252367
Is The VIN Correct?

↑ ↓ ← → OK ESC

Automatically Search
Fast Enter Don't Support This Vehicle, Please Select Menu To Enter.

↑ ↓ ← → OK ESC

2.1.3 Folgendes wird im Menü [Manuell auswählen (über Modell)] angezeigt:

GM Diagnose
My Vehicle
Automatically Search
Manually Select (via Model)
Manually Select (Medium Duty ..
Vehicle Search

3/5

Select Brand
Chevrolet
Buick
Cadillac
GMC
Alpheon
Ravon
Pontiac

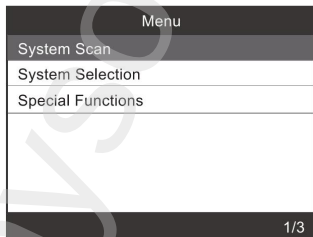
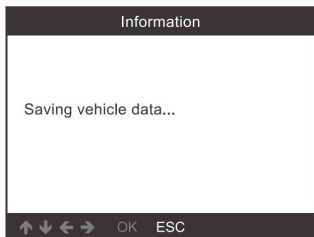
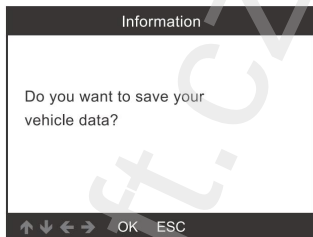
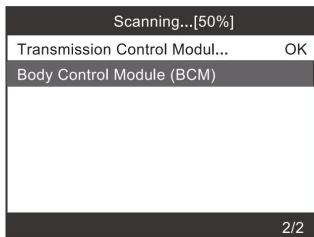
1/13

Model Year
2020
2019
2018
2017
2016
2015
2014

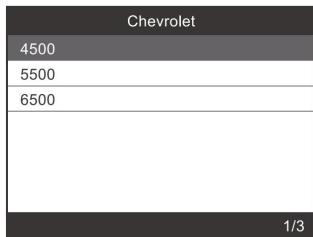
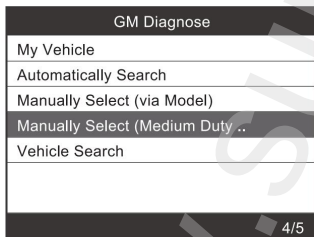
1/25

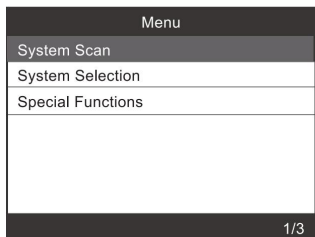
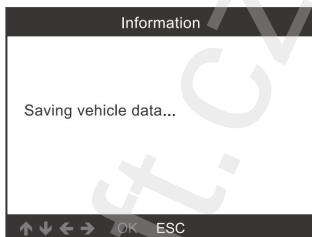
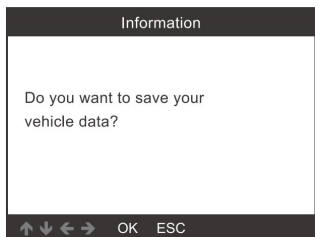
Select Series
Aveo
Beat
Bolt
Camaro
Cavalier
Cobalt
Colorado

1/34

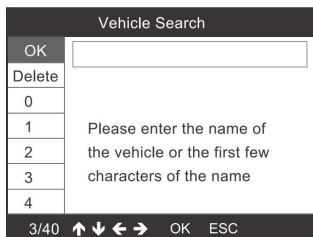
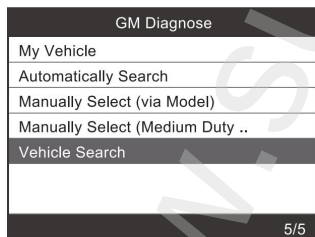


2.1.4 Im Menü [Manuell auswählen (Mittelschwerer Lkw)] werden folgende Informationen angezeigt:

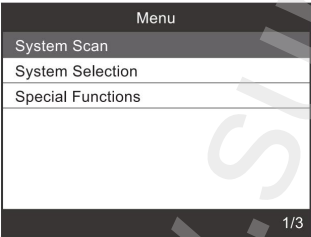
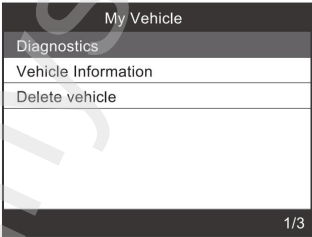
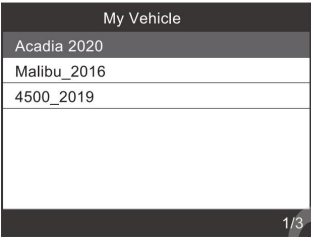
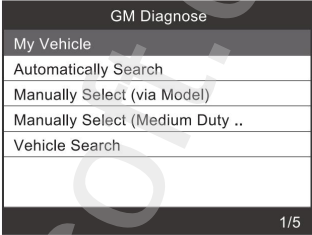




2.1.5 Folgendes wird im Menü [Fahrzeugsuche] angezeigt:



2.1.6 Nachdem Sie das Fahrzeug mithilfe der oben genannten Methoden gespeichert haben, gelangen Sie über [Mein Fahrzeug] zur folgenden Benutzeroberfläche.



Klicken Sie auf [OK], um in den [Systemscan]-Modus zu gelangen. Nach dem automatischen Scan wird das fehlerhafte System rot angezeigt. Nach dem Aufrufen des fehlerhaften Systems wird folgender Inhalt angezeigt:

Scanning ... [20%]		Scanning ... [50%]	
Engine Control Module (ECM)	4	Engine Control Module (ECM)	4
Transmission Control Module		Electronic Brake Control M..	OK
		Power Steering Control Mo...	1
		Body Control Module (BCM)	
	1/2		1/4

GM Diagnose		Function Menu	
Engine Control Module (ECM)	4	Module Information	
Transmission Control Module	OK	Read Fault Code	
Transmission Control Module	1	Clear Fault Code	
		Read Data Stream	
	1/3		1/4

Geben Sie [Modulinformationen] ein, woraufhin Folgendes angezeigt wird:

DataStream		DataStream	
View All Items		vehicle Identification Number (VIN)	KL3TF48E9 EB515662
Select Items		Base Model Part Number	080102AA
		Base Model Part Number Alpha code	N/A
		End Model Part Number	16777215
		Boot software Part Number-	N/A
	1/2		1/4

Wählen Sie [Elemente auswählen] und drücken Sie [OK] wie folgt:

Datastream	
View All Items	
Select Items	
2/2	

Datastream	
[]	All Datastream of Page
[]	Air conditioning (Aic)compressor clutch Relay
[]	Air conditioning (Alc)compressor operation
[]	Accessory
[]	Air Fuel Equi valence Ratio command[:1]
1~4/58	

Drücken Sie die Tasten [LINKS] und [RECHTS], um zwischen den Seiten zu blättern.

Drücken Sie die Tasten [UP] und [DOWN], um nacheinander auszuwählen.

Drücken Sie [OK], um den Datenstrom auszuwählen.

Drücken Sie [ESC], um den Datenstrom zu lesen.

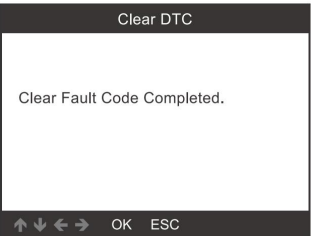
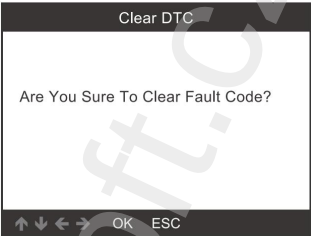
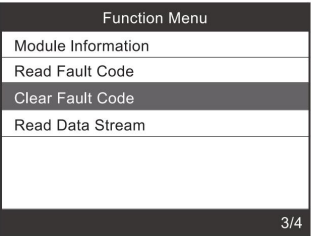
Geben Sie [Fehlercode lesen] ein, woraufhin Folgendes angezeigt wird:

Function Menu	
Module Information	
Read Fault Code	
Clear Fault Code	
Read Data Stream	
2/4	

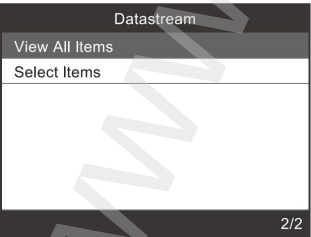
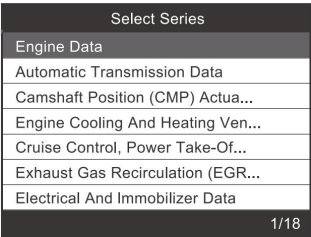
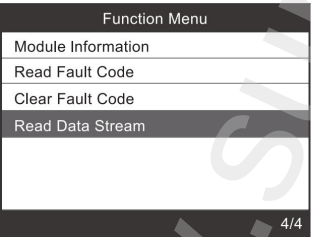
Function Menu	
DTC Display	
1/1	

02-Read Fault Codes	
F1190102	1/4
The fault code is not found in the database	
↑ ↓ ← → OK ESC	

Geben Sie [Fehlercode lesen] ein, woraufhin Folgendes angezeigt wird:



Geben Sie [Datenstrom lesen] ein, woraufhin Folgendes angezeigt wird:



Geben Sie [Systemauswahl] ein, woraufhin Folgendes angezeigt wird:

Menu
System Scan
System Selection
Special Functions
2/3

System Menu
Engine Control Module (ECM)
Electronic Brake Control Modul...
Power Steering Control Module...
Body Control Module (BCM)
Inflatable Restraint Sensing An...
Radio/HVAC Controls (RHC)
1/6

Function Menu
Module Information
Read Fault Code
Clear Fault Code
Read Data Stream
1/4

Geben Sie [Datenstrom lesen] ein, woraufhin Folgendes angezeigt wird:

2.2 Besondere Funktionen

Nach Eingabe von [Spezialfunktionen] wird Folgendes angezeigt:

Menu
System Scan
System Selection
Special Functions
3/3

System Functions
Reset Functions
Automated Brake Bleed
Battery Sensor Module Learn
Idle Learn
Steering Wheel Angle Sensor L...
Steering Wheel Angle Sensor R...
Steering Wheel Angle Sensor C...
1/9

2.2.1 Zurücksetzen der Motoröllebensdauer

Drücken Sie die Taste [Funktionen zurücksetzen] und wählen Sie [Motoröllebensdauer zurücksetzen]. Folgen Sie den Anweisungen auf dem Display, um das Zurücksetzen der Motoröllebensdauer abzuschließen.

Die einzelnen Schritte sind wie folgt:

Special Functions

Engine Oil Life Reset

Throttle Actuator Reset

1/2

Information

Turn Ignition ON(If This Vehicle Is Equipped With Engine Start/Stop System. Please Press And Hold The Start/Stop Button For About 5 Seconds). Do Not Start Engine.

↑ ↓ ← → OK ESC

Information

Press[OK] To Continue.

↑ ↓ ← → OK ESC

Engine Oil Life Reset

Input

Execu...

Current value:0%
Input value:0%

1/2 ↑ ↓ ← → OK ESC

Engine Oil Life Reset

OK

Delete

0

1

2

3

4

please input a decimal number, minimum value:0
max: 100

3/12 ↑ ↓ ← → OK ESC

Engine Oil Life Reset

OK

Delete

0

1

2

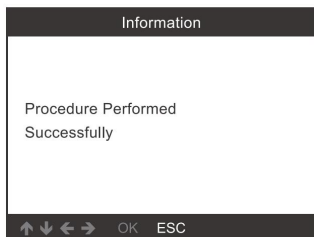
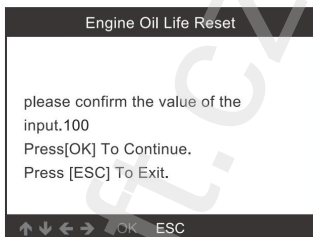
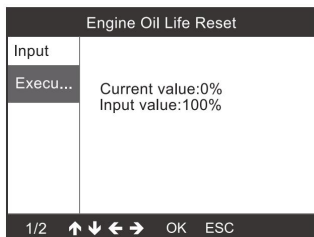
3

4

100

please input a decimal number, minimum value:0
max: 100

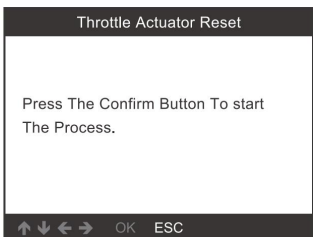
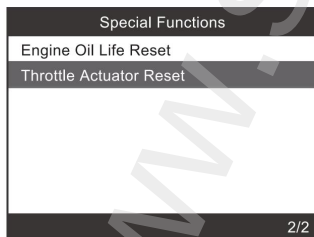
3/12 ↑ ↓ ← → OK ESC

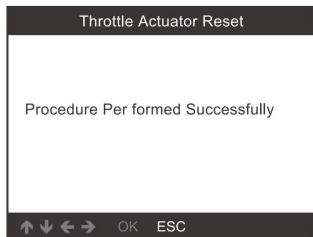
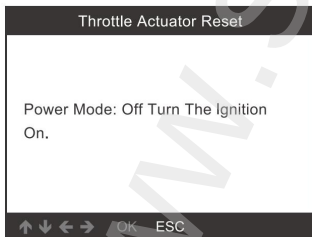
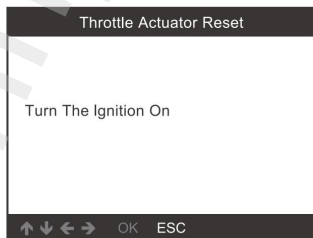
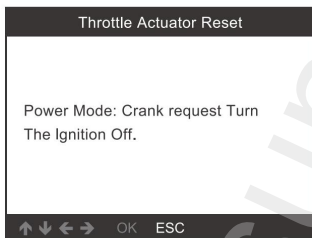
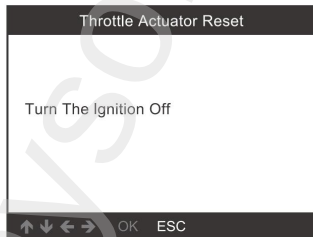
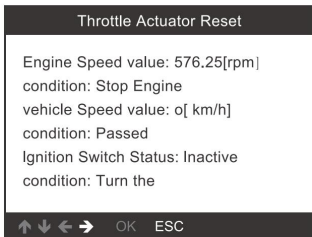
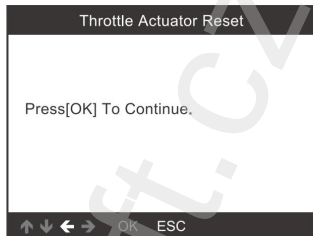
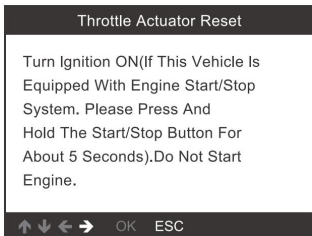


2.2.2 Drosselklappenregler-Reset-Funktion

Drücken Sie die Taste **[Reset Functions]** und gehen Sie zu **[Drosselklappenaktuator zurücksetzen]**. Befolgen Sie die Anweisungen auf der Benutzeroberfläche, um die **Drosselklappenaktuator-Zuweisung abzuschließen**.

Die einzelnen Schritte sind in der folgenden Abbildung dargestellt:





Hinweis: Die Sonderausstattung kann je nach Modell variieren.

3. OBDII-System

3.1 Lesecodes

Gespeicherte Codes werden auch als „feste Codes“ oder „permanente Codes“ bezeichnet.

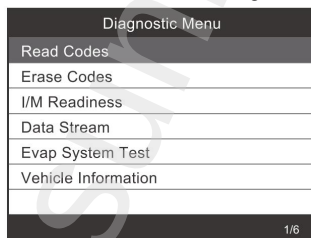
Diese Codes bewirken, dass die Multifunktionsanzeigeleuchte (MIL) im Steuergerät aufleuchtet, wenn ein emissionsbezogener Fehler auftritt.

Ausstehende Codes werden auch als „auslaufende Codes“ oder „Codes für die kontinuierliche Überwachung“ bezeichnet.

Sie weisen auf ein Problem hin, das das Steuergerät während des aktuellen oder letzten Fahrzyklus erkannt hat, das aber nicht als schwerwiegend eingestuft wird.

Wenn während der anschließenden Aufwärmphase keine Störung auftritt, leuchtet die Störungsanzeigeleuchte nicht auf und die Fehlercodes werden aus dem Speicher gelöscht.

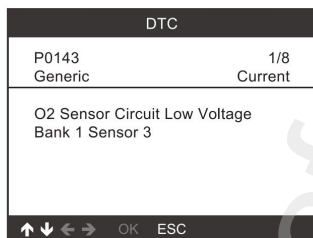
1) Verwenden Sie die Auf-/Ab-Taste, um im Diagnosemenü „Codes lesen“ auszuwählen, und drücken Sie dann die Eingabetaste.



Sind keine Diagnosefehlercodes verfügbar, erscheint die Meldung „Keine (ausstehenden) Codes im Modul gespeichert“ auf dem Display.

Warten Sie einige Sekunden oder drücken Sie eine beliebige Taste, um zum Diagnosemenü zurückzukehren.

2) DTCs auf dem Display anzeigen.

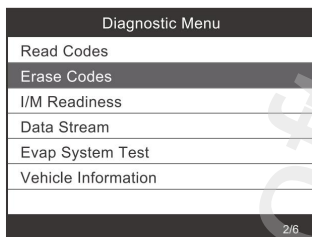


In der oberen rechten Ecke des Displays werden **die Steuergerätenummer, die DTS-Reihenfolge, die Gesamtzahl der erkannten Codes und der Codetyp (generisch oder herstellerspezifisch)** angezeigt.

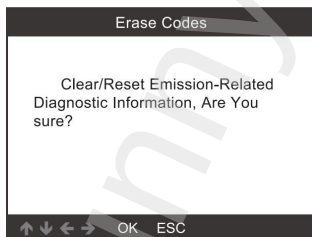
3.2 Löschen von Codes

Hinweis: Diese Funktion kann bei ausgeschaltetem Motor verwendet werden. Starten Sie den Motor nicht. Stellen Sie vor der Durchführung dieser Funktion sicher, dass Sie die Fehlercodes ausgelesen und notiert haben. Lesen Sie die Fehlercodes nach dem Löschen erneut aus oder schalten Sie die Zündung ein und lesen Sie die Codes erneut aus. Wenn die Fehlercodes weiterhin angezeigt werden, ermitteln Sie zuerst die Ursache des Fehlercodes und beheben Sie dann das Problem. Die Fehlercodes können nun gelöscht werden.

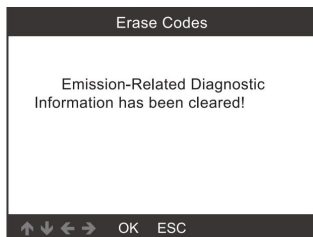
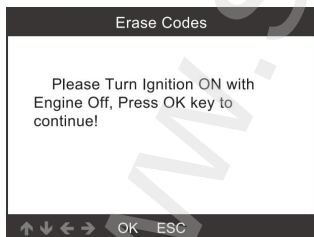
1) Verwenden Sie **die Auf-/Ab-Taste**, um im Diagnosemenü „**Codes löschen**“ auszuwählen, und drücken Sie die Eingabetaste.



2) Es erscheint eine Warnmeldung, in der Sie um Bestätigung gebeten werden.



2) Bestätigen Sie mit **[OK]**.



3.3 I/M-Bereitschaft

I/M bezeichnet die von der Regierung vorgeschriebene Inspektion und Wartung zur Einhaltung der bundesweiten Luftqualitätsstandards. Die I/M-Bereitschaft bezieht sich darauf, ob die verschiedenen emissionsrelevanten Systeme eines Fahrzeugs ordnungsgemäß funktionieren und für die Inspektion und Wartung bereit sind.

Die I/M-Bereitschaftsfunktion „Überwachungsstatus“ kann ebenfalls verwendet werden. (nach Durchführung einer Fehlerbehebung) um zu bestätigen, dass die Fehlerbehebung korrekt durchgeführt wurde und/oder um den Status des Überwachungslaufs zu überprüfen.

Diagnostic Menu	
Read Codes	
Erase Codes	
I/M Readiness	
Data Stream	
Evap System Test	
Vehicle Information	
3/6	

I/M Readiness	
Since DTCs Were Cleared	
This Drive Cycle	
1/2	

3.4 Datenfluss

Ein OBDII- Diagnosegerät ist ein spezielles Diagnosegerät, das mit dem Fahrzeugcomputer kommuniziert. Es ermöglicht die Anzeige von Echtzeitdaten. Diese Daten umfassen Werte (Spannung, Drehzahl, Temperatur, Drehzahlregelung, Kraftstoffsystemstatus usw.), die von verschiedenen Sensoren, Schaltern und Aktoren im Fahrzeug erfasst werden.

Drücken Sie die Eingabetaste.

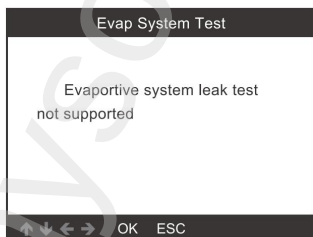
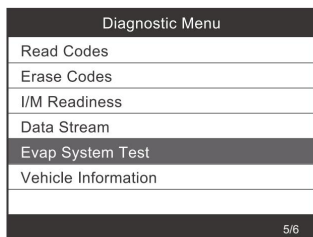
Diagnostic Menu	
Read Codes	
Erase Codes	
I/M Readiness	
Data Stream	
Evap System Test	
Vehicle Information	
4/6	

Datastream	
View All Items	
Select Items	
1/2	

3.5 Dichtigkeitsprüfung

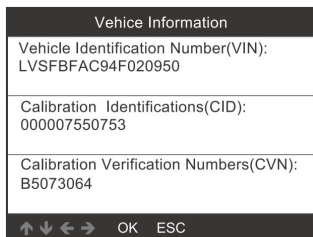
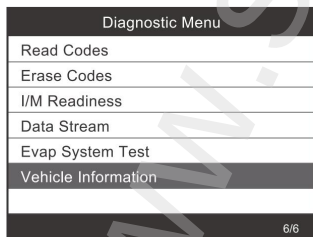
Diese Funktion ermöglicht es Ihnen, die notwendigen Bedingungen für einen Dichtigkeitstest des Verdunstungssystems zu schaffen, führt den Test aber nicht selbst durch. Der Fahrzeughersteller ist für die Festlegung der Kriterien für den automatischen Abbruch des Tests verantwortlich.

Bevor Sie diese Funktion ausführen, konsultieren Sie bitte das Fahrzeug-Servicehandbuch, um die notwendigen Vorgehensweisen zu erfahren.



3.6 Fahrzeuginformationen

Wählen Sie „Fahrzeuginformationen“ und drücken Sie „Enter“. Auf dem Display werden die VIN (Fahrzeugidentifikationsnummer), die CID (Kalibrierungs-ID) und die CVN (Kalibrierungsverifizierungsnummer) angezeigt.



4. Geräteeinstellungen

4.1 Sprache

Wählen Sie [Sprache] aus. Folgendes wird angezeigt:

Tool Setup	
Language	
Beeper	
Instructions(Display at startup)	
Unit of Measure	
Skin Style	
Feedback the test result	
Device Information	
1/7	

Language	
English	
1/1	

4.2 Piepton

Wählen Sie [Piepton], dann wird Folgendes angezeigt:

Tool Setup	
Language	
Beeper	
Instructions(Display at startup)	
Unit of Measure	
Skin Style	
Feedback the test result	
Device Information	
2/7	

Beeper	
OFF	
ON	
1/2	

4.3 Anweisungen (Startanzeige)

Wählen Sie [Anweisungen (Beim Start anzeigen)], um Folgendes anzuzeigen:

Tool Setup
Language
Beeper
Instructions(Display at startup)
Unit of Measure
Skin Style
Feedback the test result
Device Information

3/7

Instructions(Display at startup)
OFF
ON

1/2

4,4 Einheiten

Wählen Sie [Maßeinheit], um Folgendes anzuzeigen:

Tool Setup
Language
Beeper
Instructions(Display at startup)
Unit of Measure
Skin Style
Feedback the test result
Device Information

4/7

Unit of measure
Metric
Imperial

1/2

4.5 Displayfarbe

Wählen Sie [Designstil], um Folgendes anzuzeigen:

Tool Setup
Language
Beeper
Instructions(Display at startup)
Unit of Measure
Skin Style
Feedback the test result
Device Information

5/7

Skin Style
Sky Gray
Gem Blue

1/2

4.6 Feedback zum Testergebnis

1. Sollten Sie auf Probleme oder Fehler stoßen, nutzen Sie bitte die Feedback-Funktion. Wählen Sie [Testergebnis zurückgeben], um Folgendes anzuzeigen:

Tool Setup
Language
Beeper
Instructions(Display at startup)
Unit of Measure
Skin Style
Feedback the test result
Device Information

6/7

Feedback the test result
Automatic recording is ready. perform the related functions that require feedback. After the execution,disconnect the car,connect to the computer via USB,use the update.exe tool.
↑ ↓ ← → OK ESC

Als Nächstes: **Drücken Sie mehrmals die Taste „Exit“, um zum Hauptmenü zurückzukehren.**

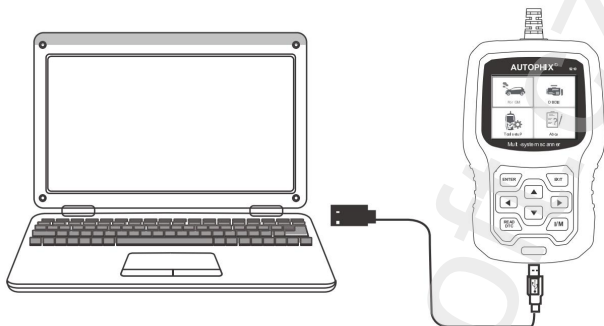
2. Beispiel: Batteriewechsel konnte nicht registriert werden. Wählen Sie [Batteriewechsel registrieren] und führen Sie die Batterieregistrierung durch (dieser Schritt ist sehr wichtig).

Hinweis: Halten Sie das Gerät gemäß den oben beschriebenen Schritten mit dem Fahrzeug verbunden.

3. Nach der Registrierung der Batterie diese vom Fahrzeug trennen.

4. Übertragen Sie die Daten auf Ihren Computer und erstellen Sie eine Feedback-Datei.

Laden Sie die aktualisierte Datei von der Autophix-Website auf Ihren Computer herunter. Verbinden Sie Ihr Gerät anschließend mit einem USB-Kabel mit Ihrem Computer.

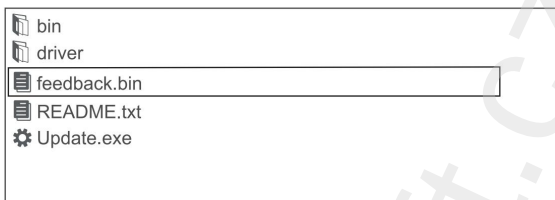


Wählen Sie die Datei [Aktualisieren] aus. Folgendes wird dann auf dem Display angezeigt:



Drücken Sie **[Feedback]**, und Folgendes erscheint auf dem Display:

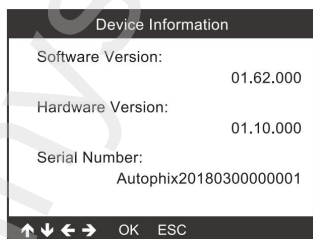
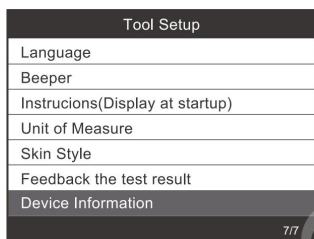




Bitte senden Sie die **Feedback-Datei feedback.bin** an **support@autophix.com**.

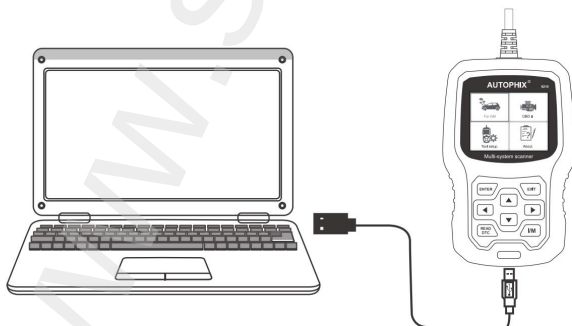
4.7 Geräteinformationen

Wählen Sie [Geräteinformationen], um Folgendes anzuzeigen:



5. Aktualisierung

Verbinden Sie das Gerät mithilfe eines USB-Kabels **mit dem Computer**.



- 1) Nach dem Systemupdate ist nur noch Windows 7/8/10 verfügbar. unterstützt.
- 2) Kann **direkt auf Windows 8 und 10** aktualisiert werden.
- 3) Bei Windows 7 wird die Treibersoftware installiert in Computer.

Hinweis: Die oben genannten Ergebnisse sind Beispiele; tatsächliche Ergebnisse können an einem realen Testfahrzeug ermittelt werden.

Distributor
Sunnysoft sro
Kovanecká 2390/1a
19000 Prag 9
Tschechische Republik
www.sunnysoft.cz

AUTOPHIX[®]

FELHASZNÁLÓI KÉZIKÖNYV

9210



Biztonsági óvintézkedések

Kérjük, figyelmesen olvassa el ezt az első használat előtt.

kézikönyv. Őrizze meg a kézikönyvet későbbi felhasználás céljából. Ellenkező esetben sérülés vagy a jármű károsodásának veszélye áll fenn.

- A vizsgálatot biztonságos és jól szellőző helyen végezze.

környezet.

- Járművezetés közben ne kísérelje meg a készülék kezelését vagy felügyeletét.

- A készülék kezelése vagy megfigyelése elvonja a vezető figyelmét, és halálos balesetet okozhat.

- Védje a szemét, és viseljen megfelelő védőfelszerelést, szemüvegek (ANSI szabvány).

- Tartsa távol a ruházatát, haját, kezét, szerszámain, tesztberendezéseit stb. a motor minden mozgó vagy forró alkatrészétől.

- Jól szellőző helyiségben üzemeltesse az autót.

A kipufogógázok és a füst mérgezőek.

- Kapcsolja a sebességváltót parkoló állásba (automata esetén) sebességváltó) vagy üresben (kézi sebességváltó) és ellenőrizze, hogy a rögzítőfék be van-e húzva.

- Tartsa a készüléket szárazon, tisztán, olaj-/víz- és zsírmentesen.

Szükség esetén tisztítsa meg a szkanner külsejét enyhe mosószerrel.

Tipp: Használat előtt helyezze be a készüléket a járműbe. Ezután indítsa el a járművet.

A 9210- esről

1. Kompatibilitás

1) A 9210 a legtöbb , az év után kiadott OBDII-kompatibilis amerikai, európai és ázsiai járművön működik. 1996.

2) A következő autókat támogatja 1996-tól napjainkig: Buick, Cadillac, Chevrolet, Daewoo, GMC, Hummer Holden, Oldsmobile, Pontiac Saturn. Minden rendszeren működik, például motoron, sebességváltón, ABS-en és légzsákon stb.

3) Támogatja a Chevrolet, GMC és Hummer autókat 1996-tól napjainkig.

2. Termékspecifikációk 2,8

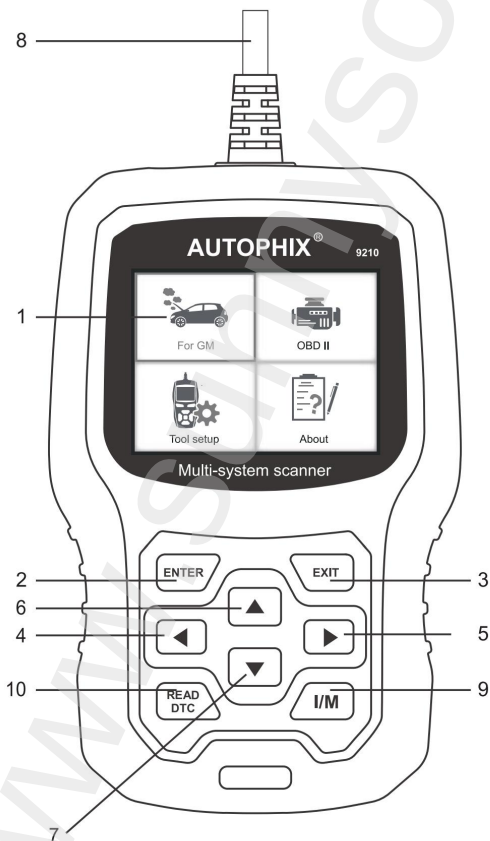
hüvelykes LCD, 320 X 240 pixeles, színes képernyő

Üzemi feszültség: 8 - 18 V

Üzemi hőmérséklet: 0 - 60 °C (32 - 140 °F)

Tárolási hőmérséklet: -20 - 70 °C (4 - 158 °F)

3. Eszközleírás



1. LCD kijelző – mérési eredmények megjelenítése , háttérvilágítás, 320 x 240 pixel.
2. ENTER gomb – a menü kiválasztásának megerősítése.
3. EXIT gomb – menüelemzésből való kilépésre vagy a menübe való visszatérésre szolgál.
4. Bal gomb – a menüben való mozgáshoz, és a bal oldali menü alatt, adatok megtekintése közben a gombbal az utolsó képernyőre léphet.
5. Jobb gomb - mozgás a menüben és a menü alatt jobbra, adatok megtekintése közben a gombbal léphet a következő képernyőre.
6. Fel gomb – felfelé mozgás a menüben és az almenüben. Több képernyő adatainak visszaállításakor felfelé mozduljon az előző képernyőre való visszatéréshez.
7. Le gomb - lefelé mozog a menüben és a menü alján, amikor Több képernyő adatainak visszaállításához mozgassa lefelé a következő képernyőre lépéshez.
8. 16 tűs OBD-csatlakozó – csatlakoztassa az eszközt a jármű adatkapcsolati csatlakozójához (DLC).
9. I/M gomb – a kibocsátási készenléti állapot gyors ellenőrzése és a vezetési ciklus ellenőrzése.
10. DTC OLVASZTÁSA gomb - hibakódok gyors kiolvasása.

I/M Readiness			
IGN	Spark	DTC	0
MIL		PdDTC	0
MIS	⊘	EVAP	⊘
FUE	✓	AIR	⊘
CCM	✓	O2S	✗
CAT	✓	HTR	✗
HCAT	⊘	EGR	⊘

Megjegyzés:

MIL sárga - műszerfal MIL BE

MIL szürke - műszerfal MIL KI

⊘ - nem támogatja

✓ - teljes

✗ - nem teljes

Használati utasítás

1. 9310-es kapcsolat

1.1 Kapcsolja be a gyújtást.

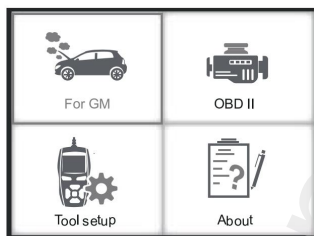
1.2 Keresse meg a 16 tűs csatlakozót (adatkapcsolati csatlakozó (DLC)).

2. 9210 Jellemzők

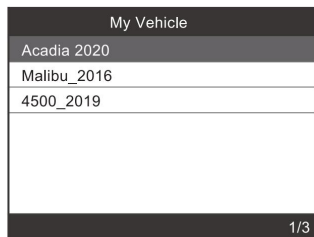
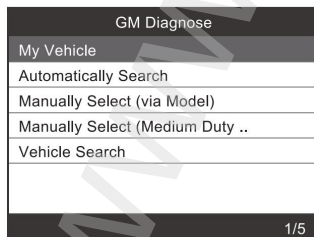
2.1 GM esetén

Válassza a [GM esetén] lehetőséget, és a jármű VIN-kódja automatikusan beolvasásra kerül.

A következő módon:



2.1.1 A folytatáshoz nyomja meg az [OK] gombot. A [Járművem] menüben a rendszer legfeljebb három modellt tartalmazhat. Az autómódellet előre elmentheti a termékben. Időt takaríthat meg, ha a következő tesztben közvetlenül kiválasztja a megfelelő modellt.



2.1.2 Az [Automatikus keresés] menüben a jármű neve és gyártási éve a VIN-kód alapján azonosítható .

GM Diagnose
My Vehicle
Automatically Search
Manually Select (via Model)
Manually Select (Medium Duty ..
Vehicle Search

2/5

VIN
1A1JC5444R7252367
Is The VIN Correct?

↑ ↓ ← → OK ESC

Automatically Search
Fast Enter Don't Support This Vehicle, Please Select Menu To Enter.

↑ ↓ ← → OK ESC

2.1.3 A [Manuális kiválasztás (modell alapján)] menüben a következő jelenik meg:

GM Diagnose
My Vehicle
Automatically Search
Manually Select (via Model)
Manually Select (Medium Duty ..
Vehicle Search

3/5

Select Brand
Chevrolet
Buick
Cadillac
GMC
Alpheon
Ravon
Pontiac

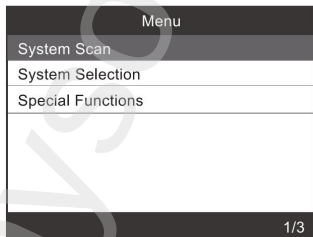
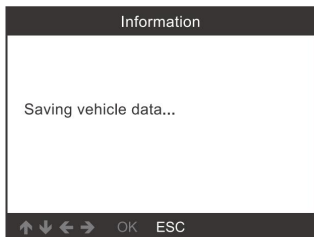
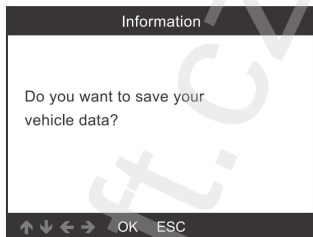
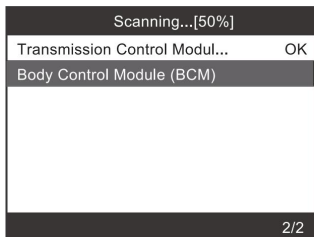
1/13

Model Year
2020
2019
2018
2017
2016
2015
2014

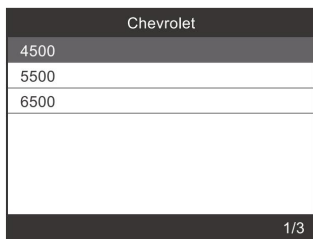
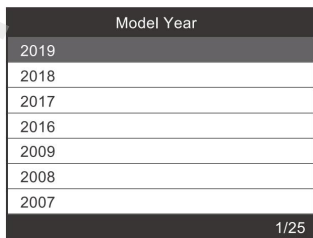
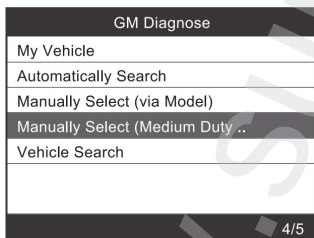
1/25

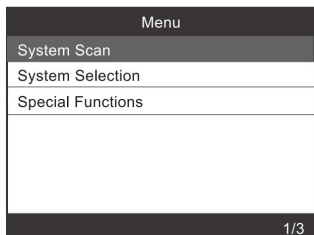
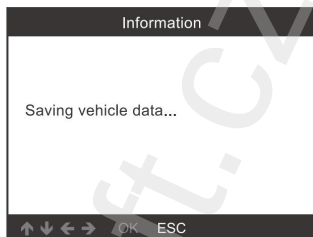
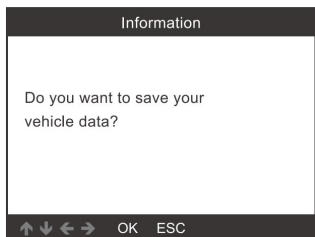
Select Series
Aveo
Beat
Bolt
Camaro
Cavalier
Cobalt
Colorado

1/34

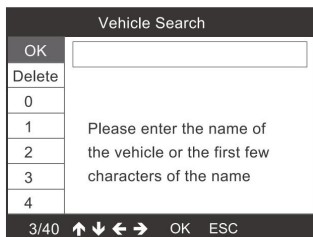


2.1.4 A következő információk jelennek meg a [Közepes tehergépkocsi kézi kiválasztása] menüben:

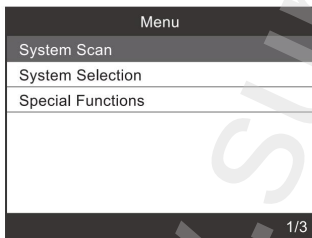
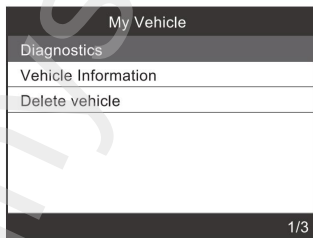
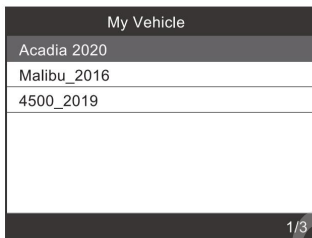
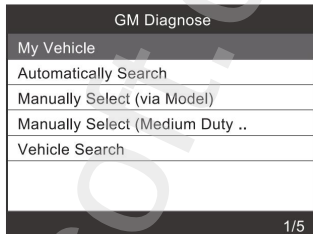




2.1.5 A [Járműkeresés] menüben a következő jelenik meg:



2.1.6 A fenti módszerekkel, a jármű mentése után, lépjen be a következő felületre a [Saját jármű] menüpontban.



Kattintson az [OK] gombra a [rendszerellenőrzés] módba lépéshez. Az automatikus ellenőrzés után a hibás rendszer piros színnel jelenik meg. A hibás rendszerbe való belépés után a következő tartalom jelenik meg:

Scanning ... [20%]	
Engine Control Module (ECM)	4
Transmission Control Module	
1/2	

Scanning ... [50%]	
Engine Control Module (ECM)	4
Electronic Brake Control M..	OK
Power Steering Control Mo...	1
Body Control Module (BCM)	
1/4	

GM Diagnose	
Engine Control Module (ECM)	4
Transmission Control Module	OK
Transmission Control Module	1
1/3	

Function Menu	
Module Information	
Read Fault Code	
Clear Fault Code	
Read Data Stream	
1/4	

A [Modulinformációk] megadása után a következő jelenik meg:

Datastream	
View All Items	
Select Items	
1/2	

Datastream	
vehicle Identification Number (VIN)	KL3TF48E9 EB515662
Base Model Part Number	080102AA
Base Model Part Number Alpha code	N/A
End Model Part Number	16777215
Boot software Part Number-	N/A
1/4	

Válassza a [Kiválasztott elemek] lehetőséget, majd nyomja meg az [OK] gombot az alábbiak szerint:

Datastream	
View All Items	
Select Items	
2/2	

Datastream	
[]	All Datastream of Page
[]	Air conditioning (Aic)compressor clutch Relay
[]	Air conditioning (Alc)compressor operation
[]	Accessory
[]	Airl Fuel Equi valence Ratio command[:1]
1~4/58	

A [BALRA] és [JOBBRA] gombokkal görgethet az oldalak között .

A [FEL] és [LE] gombok megnyomásával választhat egyenként.

Az adatfolyam kiválasztásához nyomja meg az [OK] gombot.

Az adatfolyam beolvasásához nyomja meg az [ESC] billentyűt.

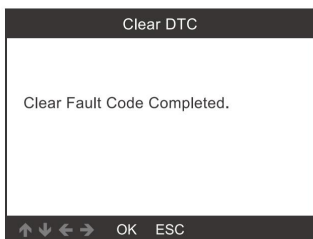
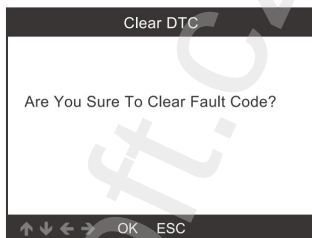
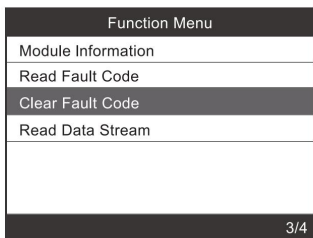
A [Hibakód olvasása] parancs beírásához a következő jelenik meg:

Function Menu	
Module Information	
Read Fault Code	
Clear Fault Code	
Read Data Stream	
2/4	

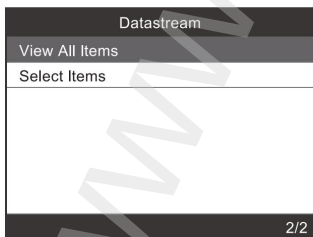
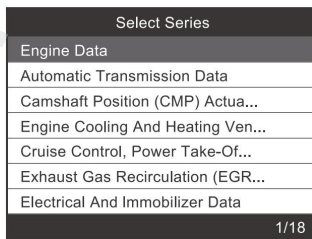
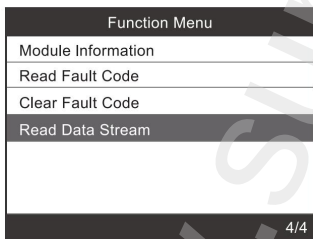
Function Menu	
DTC Display	
1/1	

02-Read Fault Codes	
F1190102	1/4
The fault code is not found in the database	
↑ ↓ ← → OK ESC	

A [Hibakód olvasása] parancs beírásához a következő jelenik meg:



A [Read Data Stream] (Adatfolyam olvasása) menüpontban a következő jelenik meg:



Lépjen be a [Rendszer kiválasztása] menüpontba, a következő jelenik meg:

Menu
System Scan
System Selection
Special Functions
2/3

System Menu
Engine Control Module (ECM)
Electronic Brake Control Modul...
Power Steering Control Module...
Body Control Module (BCM)
Inflatable Restraint Sensing An...
Radio/HVAC Controls (RHC)
1/6

Function Menu
Module Information
Read Fault Code
Clear Fault Code
Read Data Stream
1/4

A [Read Data Stream] (Adatfolyam olvasása) menüpontban a következő jelenik meg:

2.2 Speciális funkciók

A [Speciális funkciók] menüpontba való belépés után a következő jelenik meg:

Menu
System Scan
System Selection
Special Functions
3/3

System Functions
Reset Functions
Automated Brake Bleed
Battery Sensor Module Learn
Idle Learn
Steering Wheel Angle Sensor L...
Steering Wheel Angle Sensor R...
Steering Wheel Angle Sensor C...
1/9

2.2.1 A motorolaj élettartamának visszaállítása

Nyomja meg a [Funkciók visszaállítása] gombot, és lépjen a [Motorolaj-élettartam visszaállítása] menüpontra. A motorolaj-élettartam visszaállításához kövesse a felületen megjelenő utasításokat.

A konkrét lépések a következők:

Special Functions

Engine Oil Life Reset

Throttle Actuator Reset

1/2

Information

Turn Ignition ON(If This Vehicle Is Equipped With Engine Start/Stop System. Please Press And Hold The Start/Stop Button For About 5 Seconds). Do Not Start Engine.

↑ ↓ ← → OK ESC

Information

Press[OK] To Continue.

↑ ↓ ← → OK ESC

Engine Oil Life Reset

Input

Execu...

Current value:0%
Input value:0%

1/2 ↑ ↓ ← → OK ESC

Engine Oil Life Reset

OK

Delete

0

1

2

3

4

please input a decimal number, minimum value:0
max: 100

3/12 ↑ ↓ ← → OK ESC

Engine Oil Life Reset

OK

Delete

0

1

2

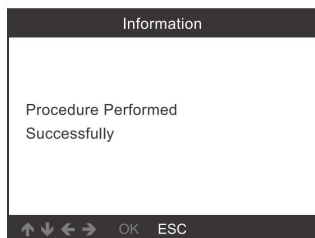
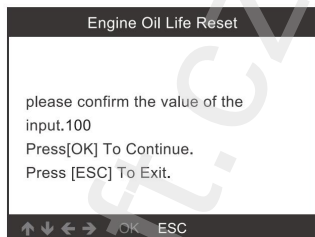
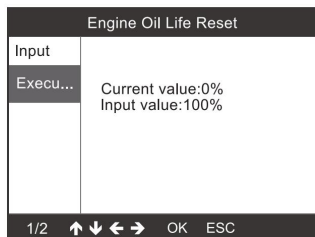
3

4

100

please input a decimal number, minimum value:0
max: 100

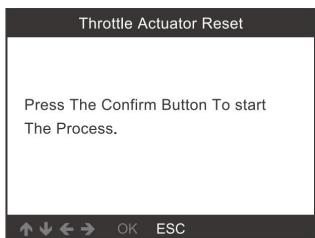
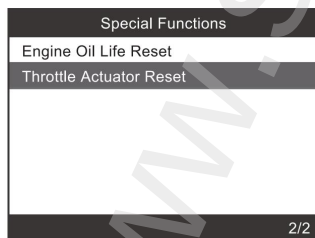
3/12 ↑ ↓ ← → OK ESC

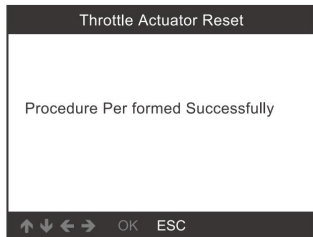
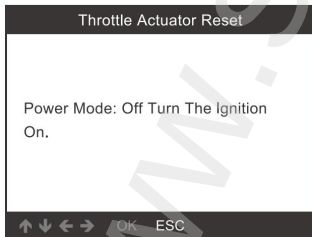
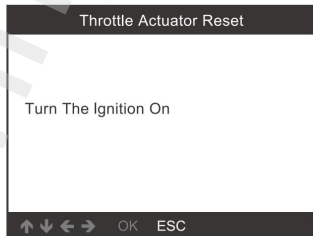
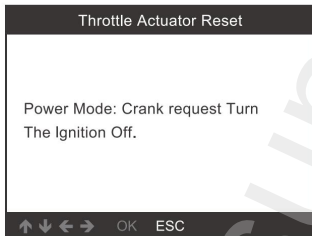
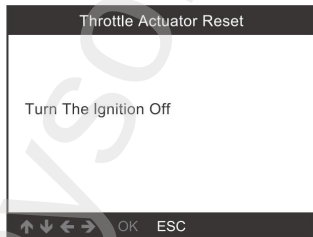
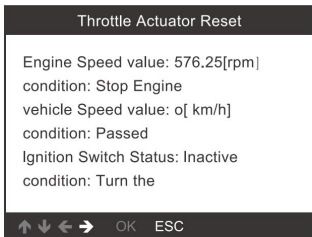
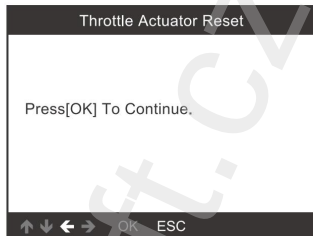
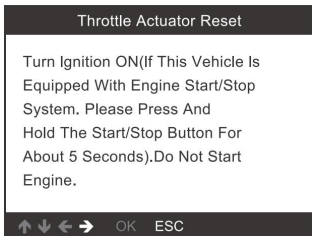


2.2.2 Fojtószelep-szabályozó visszaállítási funkciója

Nyomja meg a [Funkciók visszaállítása] gombot, és lépjen a [Fojtószelep-működtető visszaállítása] menüpontra. A fojtószelep-működtető hozzárendelésének befejezéséhez kövesse a felületen megjelenő utasításokat.

A konkrét lépések az alábbi képen láthatók:





Megjegyzés: A különleges funkciók modellenként eltérőek lehetnek.

3. OBDII rendszer

3.1 Kódok olvasása

A tárolt kódokat „fix kódoknak” vagy „állandó kódoknak” is nevezik.

Ezek a kódok a többfunkciós jelzőfény (MIL) kigyulladását okozzák a vezérlőmodulban, amikor kibocsátással kapcsolatos hiba történik.

A függőben lévő kódokat „halványuló kódoknak” vagy „folyamatos monitorozási kódoknak” is nevezik.

Olyan problémát jeleznek, amelyet a vezérlőmodul az aktuális vagy az utolsó vezetési ciklus során észlelt, de nem tekinthető komolynak.

Ha a következő bemelegedési időszak alatt nem történik meghibásodás, a hibajelző lámpa nem világít, és a hibakódok törlődnek a memóriából.

1) A fel/le gombbal válassza ki a „Kódok olvasása” lehetőséget a diagnosztikai menüből, majd nyomja meg az Enter billentyűt.

Diagnostic Menu	
Read Codes	
Erase Codes	
I/M Readiness	
Data Stream	
Evap System Test	
Vehicle Information	
1/6	

Ha nincsenek elérhető diagnosztikai hibakódok, a kijelzőn a „Nincsenek (függőben lévő) hibakódok tárolva a modulban” üzenet jelenik meg.

Várjon néhány másodpercet, vagy nyomjon meg bármelyik gombot a diagnosztikai menübe való visszatéréshez.

2) Jelenítse meg a hibakódokat a kijelzőn.

DTC	
P0143	1/8
Generic	Current
O2 Sensor Circuit Low Voltage Bank 1 Sensor 3	
↑ ↓ ← → OK ESC	

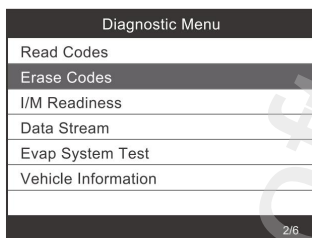
A vezérlőmodul száma, a DTS sorrendje, az észlelt kódok teljes száma és a kód típusa (általános vagy gyártóspecifikus) a kijelző jobb felső sarkában jelenik meg .

3.2 Kódok törlése

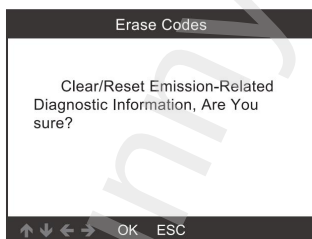
Megjegyzés: Ez a funkció kikapcsolt motor mellett is használható. Ne indítsa be a motort. A funkció végrehajtása előtt győződjön meg arról, hogy kiolvasta és feljegyezte a hibakódokat. A törlés után olvassa el újra a hibakódokat, vagy kapcsolja be a gyújtást, és olvassa el újra a kódokat. Ha a hibakódok továbbra is megjelennek, először állapítsa meg a hibakód okát, majd oldja meg a problémát.

A hibakódok most már törölhetők.

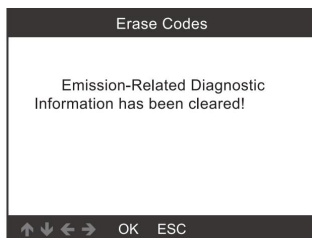
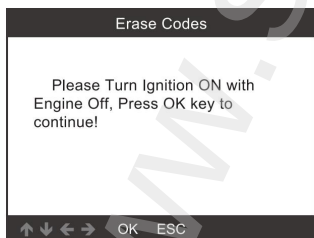
1) A fel/le gombbal válassza ki a „Kódok törlése” lehetőséget a diagnosztikai menüből, majd nyomja meg az Enter gombot.



2) Megjelenik egy figyelmeztető üzenet, amely megerősítést kér.



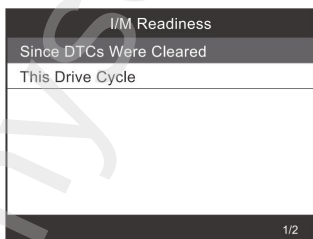
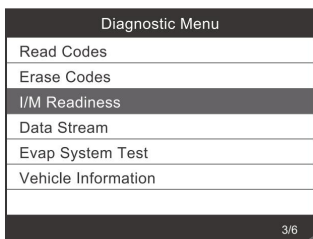
2) Erősítse meg az [OK] gombbal.



3.3 I/M készenlét

Az I/M a kormány által előírt ellenőrzésre és karbantartásra utal, amely a szövetségi levegőminőségi előírásoknak való megfelelést biztosítja. Az I/M felkészültség azt jelenti, hogy a jármű különböző kibocsátással kapcsolatos rendszerei megfelelően működnek-e, és készen állnak-e az ellenőrzésre és karbantartásra.

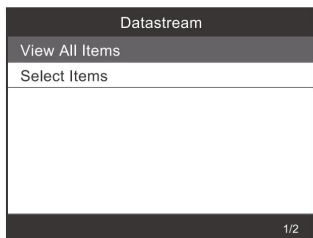
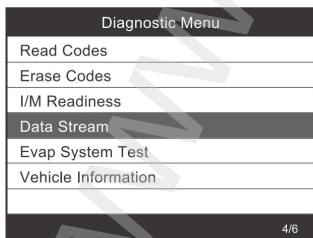
Az I/M készenléti „Állapotfigyelés” funkciója is használható (hibaelhárítás elvégzése után) annak megerősítésére, hogy a javítást helyesen végezték el és/vagy a monitorozási futtatás állapotának ellenőrzésére.



3.4 Adatfolyam

Az OBDII diagnosztikai eszköz egy speciális diagnosztikai eszköz, amely kommunikál a jármű számítógépével. A diagnosztikai eszköz lehetővé teszi az „élő” adatok valós idejű megtekintését. Ezek az információk tartalmazzák a járműben található különféle érzékelők, kapcsolók és működtetők által generált értékeket (feszültség, fordulatszám, hőmérséklet, fordulatszám-hurok, üzemanyagrendszer állapota stb.).

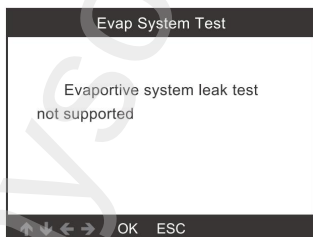
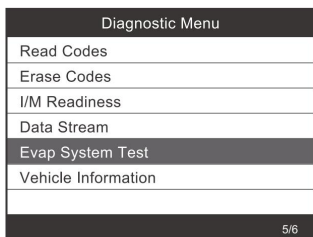
Nyomja meg az Enter billentyűt.



3.5 Szivárgásvizsgálat

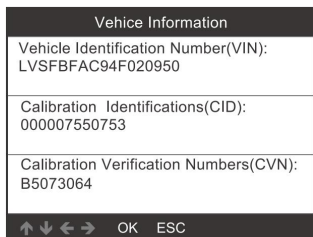
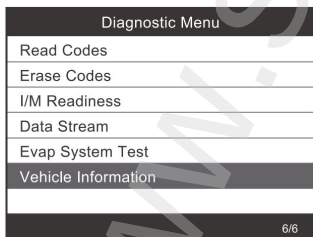
Ez a funkció lehetővé teszi a párolgási rendszer szivárgásvizsgálatához szükséges feltételek megteremtését, de magát a vizsgálatot nem végzi el. A jármű gyártója felelős a vizsgálat automatikus leállításának kritériumainak beállításáért.

A funkció végrehajtása előtt olvassa el a jármű szervizkönyvét a szükséges eljárásokért.



3.6 Járműadatok

Válassza a „Járműadatok” lehetőséget, és nyomja meg az „Enter” billentyűt. A kijelzőn megjelenik a VIN (járműazonosító szám), a CID (kalibrációs azonosító) és a CVN (kalibrációs ellenőrző szám).



4. Eszközbeállítások

4.1 Nyelv

Válassza a [Nyelv] lehetőséget, a következő jelenik meg:

Tool Setup
Language
Beeper
Instructions(Display at startup)
Unit of Measure
Skin Style
Feedback the test result
Device Information

1/7

Language
English

1/1

4.2 Sípólás

Válassza a [Sípóló] lehetőséget, a következő jelenik meg:

Tool Setup
Language
Beeper
Instructions(Display at startup)
Unit of Measure
Skin Style
Feedback the test result
Device Information

2/7

Beeper
OFF
ON

1/2

4.3 Utasítások (indítóképernyő)

Válassza az [Utasítások (Megjelenítés indításkor)] lehetőséget a következők megjelenítéséhez:

Tool Setup
Language
Beeper
Instructions(Display at startup)
Unit of Measure
Skin Style
Feedback the test result
Device Information
3/7

Instructions(Display at startup)
OFF
ON
1/2

4.4 Egység

A [Mértékegység] kiválasztásával a következők jeleníthetők meg:

Tool Setup
Language
Beeper
Instructions(Display at startup)
Unit of Measure
Skin Style
Feedback the test result
Device Information
4/7

Unit of measure
Metric
Imperial
1/2

4.5 Kijelző színe

A [Bőrstílus] kiválasztásával a következők jeleníthetők meg:

Tool Setup
Language
Beeper
Instructions(Display at startup)
Unit of Measure
Skin Style
Feedback the test result
Device Information
5/7

Skin Style
Sky Gray
Gem Blue
1/2

4.6 Teszteredmény visszajelzése

1. Ha bármilyen problémába vagy hibába ütközik, kérjük, használja a visszajelzés funkciót. Válassza a [Visszajelzés a teszt eredményéről] lehetőséget a következők megjelenítéséhez:

Tool Setup
Language
Beeper
Instructions(Display at startup)
Unit of Measure
Skin Style
Feedback the test result
Device Information

6/7

Feedback the test result
Automatic recording is ready. perform the related functions that require feedback. After the execution,disconnect the car,connect to the computer via USB,use the update.exe tool.
↑ ↓ ← → OK ESC

Következő: Nyomja meg többször a „Kilépés” gombot a főmenübe való visszatéréshez.

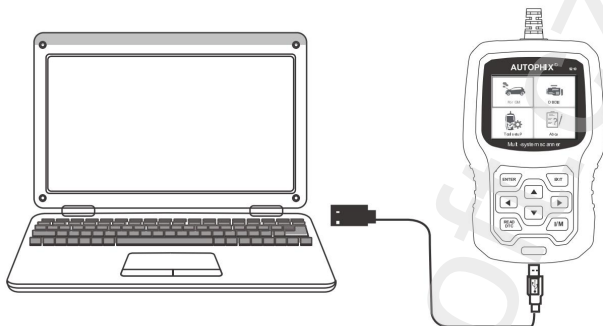
2. Például: nem sikerült regisztrálni az akkumulátorcserét. Válassza az [Akkumulátorcsere regisztrálása] lehetőséget, és végezze el az akkumulátor regisztrálását (ez a lépés nagyon fontos).

Megjegyzés: A fenti lépéseknek megfelelően tartsa a készüléket a járműhöz csatlakoztatva.

3. Az akkumulátor regisztrációja után válassza le a járműről.

4. Vigye át az adatokat a számítógépére, és hozzon létre egy visszajelző fájlt.

Töltse le a frissített fájlt a számítógépére az Autophix webhelyéről. Csatlakoztassa eszközt a számítógéphez USB-kábellel.

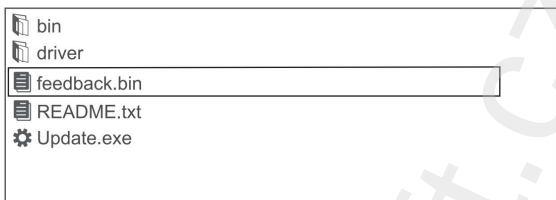


Válassza ki a [Frissítés] fájlt, és a következő jelenik meg a kijelzőn:



Nyomja meg a [Visszajelzés] gombot, és a következő jelenik meg a kijelzőn:

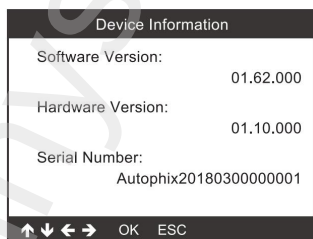
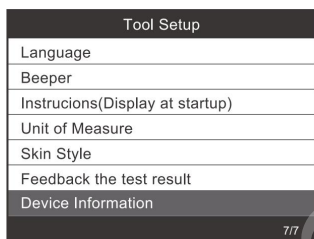




Kérjük, küldje el a feedback.bin fájlt a support@autophix.com címre.

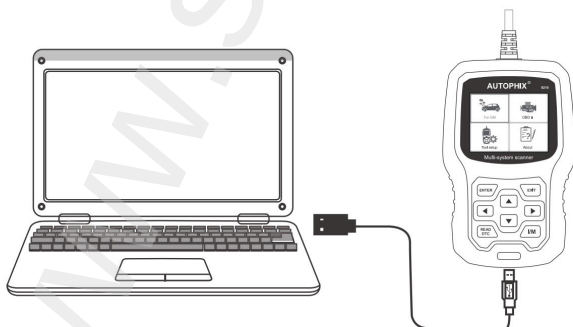
4.7 Eszközinformációk

A következők megjelenítéséhez válassza az [Eszközinformációk] lehetőséget:



5. Frissítés

Csatlakoztassa a készüléket a számítógéphez egy USB-kábel segítségével.



- 1) A rendszerfrissítés után csak a Windows 7/8/10 működik támogatott.
- 2) Közvetlenül frissíthető Windows 8 és 10 rendszerre.
- 3) Windows 7 esetén az illesztőprogram telepítve van a következő helyen: számítógépek.

Megjegyzés: a fenti eredmények példák; a tényleges eredményeket egy tényleges tesztjárművön találhatja.

Forgalmazó
Sunnysoft sro
Kovanecká 2390/1a
190 00 Prága 9
Csehország
www.sunnysoft.cz

AUTOPHIX[®]

РЪКОВОДСТВО ЗА ПОТРЕБИТЕЛЯ

9210



Предпазни мерки

Моля, прочетете това внимателно преди първата употреба.

ръководство. Запазете ръководството за бъдещи справки. В противен случай съществува риск от нараняване или повреда на превозното средство.

- Извършвайте тестването в безопасно и добре проветриво помещение. среда.

- Не се опитвайте да работите с устройството или да го наблюдавате, докато шофирате.

- Работата или наблюдението на устройството разсейва водача и може да причини фатален инцидент.

- Защитете очите си и носете подходящи предпазни средства и очила (стандарт ANSI).

- Дръжте дрехи, коса, ръце, инструменти, тестово оборудване и др. далеч от всички движещи се или горещи части на двигателя.

- Карайте автомобила в добре проветриво помещение.

Изгорелите газове и изгорелите газове са отровни.

- Поставете скоростната кутия на паркинг (за автоматична трансмисия) или неутрална (ръчна трансмисия) и проверете дали ръчната спирачка е задействана.

- Поддържайте устройството сухо, чисто, без масло/вода или мазнини.

Ако е необходимо, почистете външната страна на сканиращото устройство с мек препарат.

Съвет: Преди да използвате устройството, го поставете в превозното средство. След това стартирайте превозното средство.

Относно 9210

1. Съвместимост

1) 9210 работи с повечето OBDII съвместими американски, европейски и азиатски автомобили, пуснати на пазара след годината 1996 г.

2) Поддържа следните автомобили от 1996 г. до днес: Buick, Cadillac, Chevrolet, Daewoo, GMC, Hummer Holden, Oldsmobile, Pontiac Saturn. Работи с всички системи, като двигател, трансмисия, ABS и въздушни възглавници и др.

3) Поддържа автомобили Chevrolet, GMC, Hummer от 1996 г. до днес.

2. Спецификации на

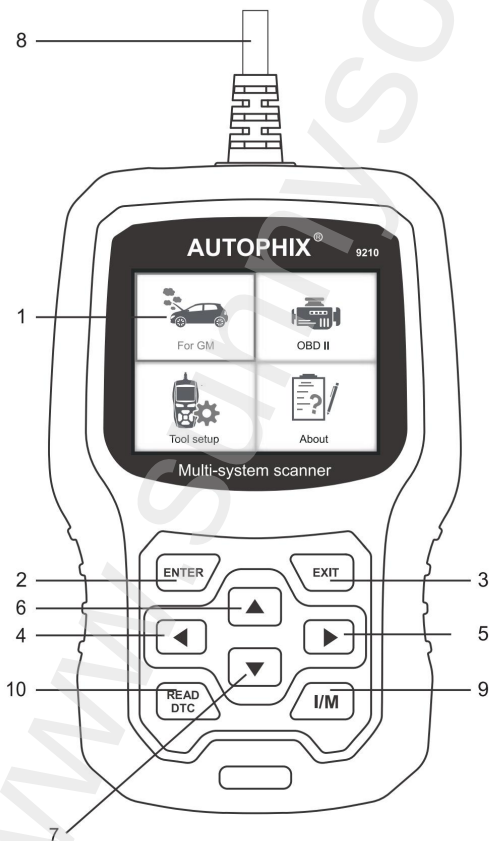
продукта 2.8"LCD, 320 X 240 пиксела, цветен екран

Работно напрежение: 8 - 18

V Работна температура: 0 - 60 °C (32 - 140 °F)

Температура на съхранение: -20 - 70 °C (4 - 158 °F)

3. Описание на устройството



1. LCD дисплей - показване на резултатите от измерванията, подсветка, 320 x 240 пиксела.
2. Бутон ENTER - потвърждава избора от менюто.
3. Бутон EXIT - отменя избор от менюто или връща към менюто.
4. Ляв бутон - придвижване в менюто и под менюто вляво, докато преглеждате данни, използвайте бутона, за да отидете на последния екран.
5. Десен бутон - придвижване в менюто и под менюто вдясно, докато преглеждате данни, използвайте бутона, за да преминете към следващия екран.
6. Бутон „Нагоре“ - придвижване нагоре в менюто и подменюто, при възстановяване на данни за повече от един екран, придвижете се нагоре, за да се върнете към предишния екран.
7. Бутон надолу - придвижване надолу в менюто и под менюто, когато за да възстановите данни за повече от един екран, преместете се надолу, за да преминете към следващия екран.
8. 16-пинов OBD конектор - включете устройството в конектора за данни (DLC) на автомобила.
9. Бутон I/M - бърза проверка на състоянието на готовност за емисии и проверка на цикъла на шофиране.
10. Бутон READ DTC - бързо четене на кодове за грешки.

I/M Readiness			
IGN	Spark	DTC	0
MIL		PdDTC	0
MIS	⊘	EVAP	⊘
FUE	✓	AIR	⊘
CCM	✓	O2S	✗
CAT	✓	HTR	✗
HCAT	⊘	EGR	⊘

Коментар:

Жълта MIL - таблото MIL е включено
Сива лампа MIL - таблото MIL ИЗКЛ.

⊘ - не поддържа

✓ - пълен

✗ - не е завършен

1. Връзка 9310

1.1 Включете запалването.

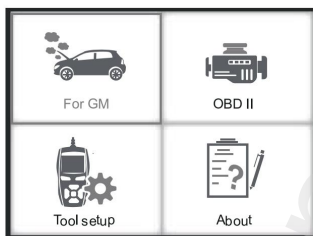
1.2 Намерете 16-пиновия конектор (конектор за връзка с данни (DLC)).

2. Характеристики на 9210

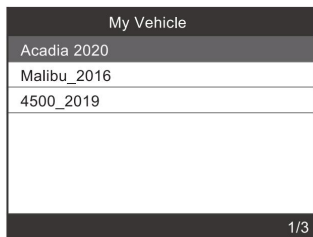
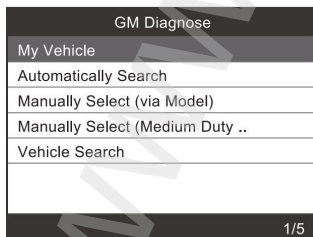
2.1 За GM

Изберете [За GM] и VIN кодът на автомобила ще бъде прочетен автоматично.

По следния начин:



2.1.1 Натиснете [OK], за да продължите. В менюто [Моето превозно средство] системата може да има до три модела. Можете да запазите модела на автомобила в продукта предварително. Можете да спестите време, като изберете директно съответния модел в следващия тест.



2.1.2 В менюто [Автоматично търсене] името на превозното средство и годината на производство могат да бъдат идентифицирани по VIN кода.

GM Diagnose
My Vehicle
Automatically Search
Manually Select (via Model)
Manually Select (Medium Duty ..
Vehicle Search
2/5

VIN
1A1JC5444R7252367
Is The VIN Correct?
↑ ↓ ← → OK ESC

Automatically Search
Fast Enter Don't Support This Vehicle, Please Select Menu To Enter.
↑ ↓ ← → OK ESC

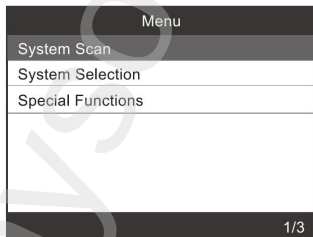
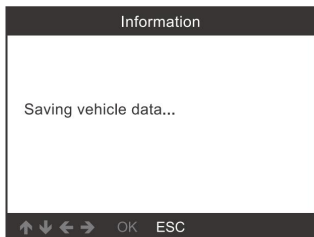
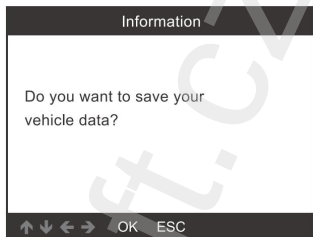
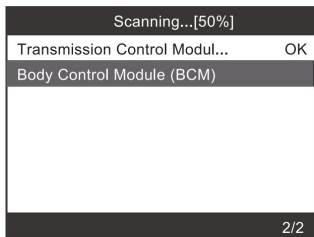
2.1.3 Следното ще се покаже в менюто [Ръчен избор (чрез модел)]:

GM Diagnose
My Vehicle
Automatically Search
Manually Select (via Model)
Manually Select (Medium Duty ..
Vehicle Search
3/5

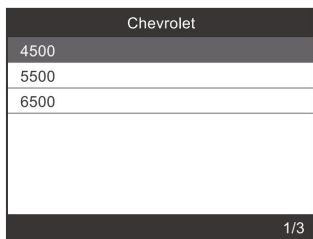
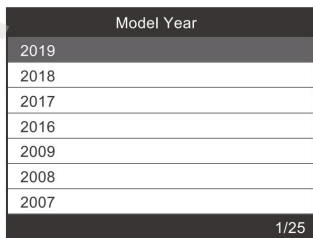
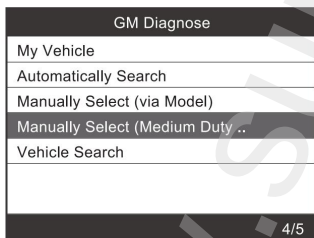
Select Brand
Chevrolet
Buick
Cadillac
GMC
Alpheon
Ravon
Pontiac
1/13

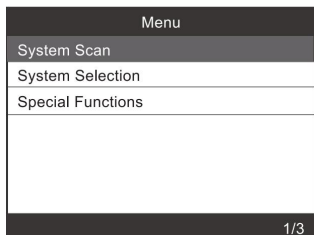
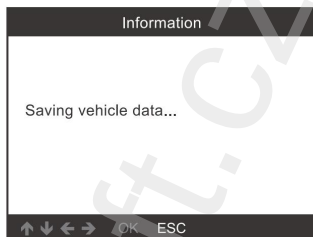
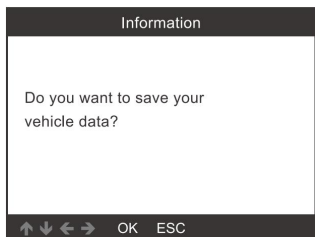
Model Year
2020
2019
2018
2017
2016
2015
2014
1/25

Select Series
Aveo
Beat
Bolt
Camaro
Cavalier
Cobalt
Colorado
1/34

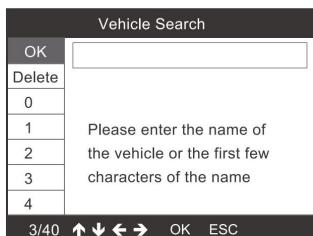
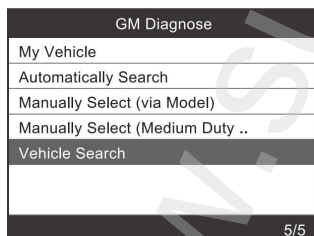


2.1.4 Следната информация ще бъде показана в менюто [Ръчен избор (среднотоварен камион)]:

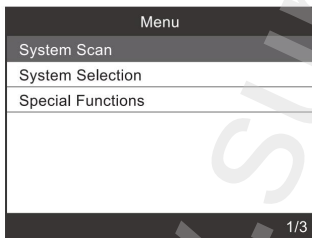
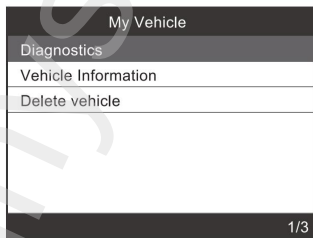
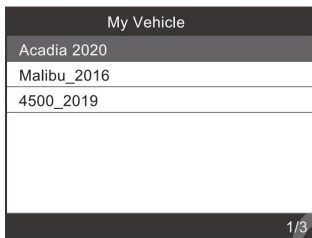
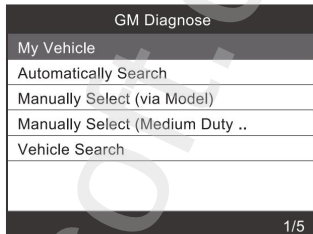




2.1.5 В менюто [Търсене на превозно средство] се показва следното:



2.1.6 Чрез горните методи, след като запазите превозното средство, влезте в следния интерфейс чрез [Моето превозно средство].



Щракнете върху [OK], за да влезете в режим [сканиране на системата]. След автоматично сканиране, повредената система ще се покаже в червено. След влизане в режим „Повредена система“ ще се покаже следното съдържание:

Scanning ... [20%]	
Engine Control Module (ECM)	4
Transmission Control Module	
1/2	

Scanning ... [50%]	
Engine Control Module (ECM)	4
Electronic Brake Control M..	OK
Power Steering Control Mo...	1
Body Control Module (BCM)	
1/4	

GM Diagnose	
Engine Control Module (ECM)	4
Transmission Control Module	OK
Transmission Control Module	1
1/3	

Function Menu	
Module Information	
Read Fault Code	
Clear Fault Code	
Read Data Stream	
1/4	

Въведете [Информация за модула], ще се покаже следното:

Datastream	
View All Items	
Select Items	
1/2	

Datastream	
vehicle Identification Number (VIN)	KL3TF48E9 EB515662
Base Model Part Number	080102AA
Base Model Part Number Alpha code	N/A
End Model Part Number	16777215
Boot software Part Number-	N/A
1/4	

Изберете [Избор на елементи] и натиснете [OK], както следва:

Datastream	
View All Items	
Select Items	
2/2	

Datastream	
[]	All Datastream of Page
[]	Air conditioning (Aic)compressor clutch Relay
[]	Air conditioning (Alc)compressor operation
[]	Accessory
[]	Air Fuel Equi valence Ratio command[:1]
1~4/58	

Натиснете бутоните [НАЛЯВО] и [НАДЯСНО], за да превъртате между страниците.

Натиснете бутоните [НАГОРЕ] и [НАДОЛУ], за да избирате един по един.

Натиснете [OK], за да изберете потока от данни.

Натиснете [ESC], за да прочетете потока от данни.

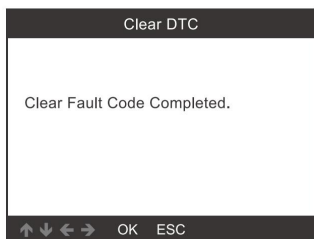
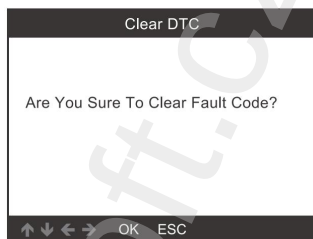
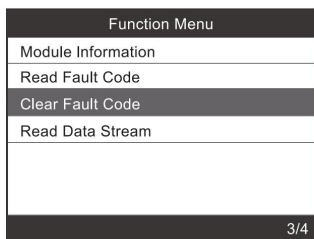
Въведете [Прочетете код за грешка], ще се покаже следното:

Function Menu	
Module Information	
Read Fault Code	
Clear Fault Code	
Read Data Stream	
2/4	

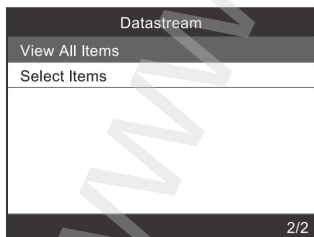
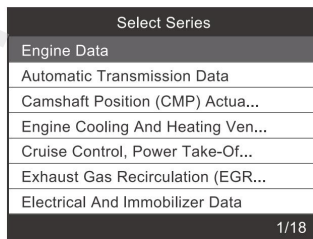
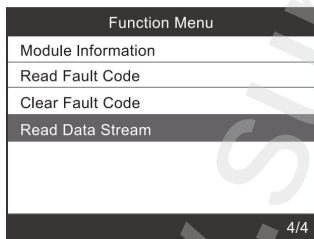
Function Menu	
DTC Display	
1/1	

02-Read Fault Codes	
F1190102	1/4
The fault code is not found in the database	
↑ ↓ ← → OK ESC	

Въведете [Прочетете код за грешка], ще се покаже следното:



Въведете [Четене на поток от данни], ще се покаже следното:



Въведете [Избор на система], ще се покаже следното:

Menu
System Scan
System Selection
Special Functions
2/3

System Menu
Engine Control Module (ECM)
Electronic Brake Control Modul...
Power Steering Control Module...
Body Control Module (BCM)
Inflatable Restraint Sensing An...
Radio/HVAC Controls (RHC)
1/6

Function Menu
Module Information
Read Fault Code
Clear Fault Code
Read Data Stream
1/4

Въведете [Четене на поток от данни], ще се покаже следното:

2.2 Специални функции

След въвеждане на [Специални функции] се показва следното:

Menu
System Scan
System Selection
Special Functions
3/3

System Functions
Reset Functions
Automated Brake Bleed
Battery Sensor Module Learn
Idle Learn
Steering Wheel Angle Sensor L...
Steering Wheel Angle Sensor R...
Steering Wheel Angle Sensor C...
1/9

2.2.1 Нулиране на срока на годност на двигателното масло

Натиснете бутона [Reset Functions] и отидете на [Engine Oil Life Reset].
Следвайте инструкциите на интерфейса, за да завършите нулирането на Engine Oil Life.

Конкретните стъпки са следните:

Special Functions

Engine Oil Life Reset

Throttle Actuator Reset

1/2

Information

Turn Ignition ON(If This Vehicle Is Equipped With Engine Start/Stop System. Please Press And Hold The Start/Stop Button For About 5 Seconds). Do Not Start Engine.

↑ ↓ ← → OK ESC

Information

Press[OK] To Continue.

↑ ↓ ← → OK ESC

Engine Oil Life Reset

Input

Execu...

Current value:0%
Input value:0%

1/2 ↑ ↓ ← → OK ESC

Engine Oil Life Reset

OK

Delete

0

1

2

3

4

please input a decimal number, minimum value:0
max: 100

3/12 ↑ ↓ ← → OK ESC

Engine Oil Life Reset

OK

Delete

0

1

2

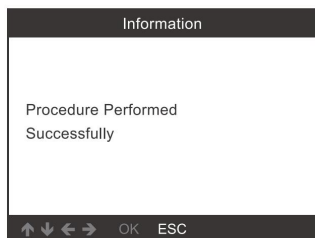
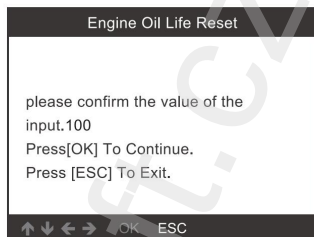
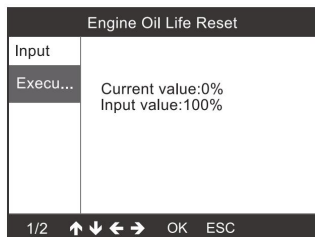
3

4

100

please input a decimal number, minimum value:0
max: 100

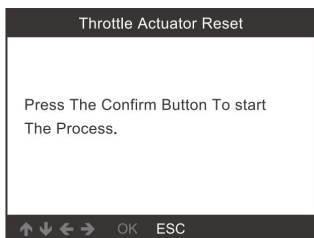
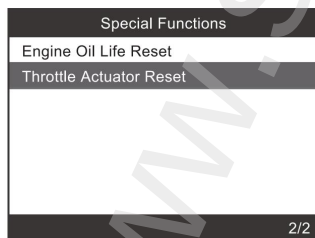
3/12 ↑ ↓ ← → OK ESC

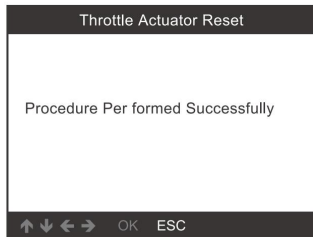
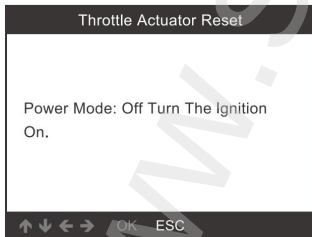
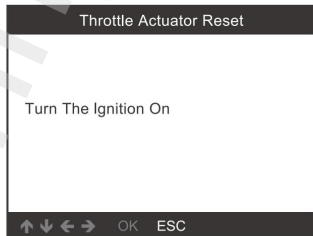
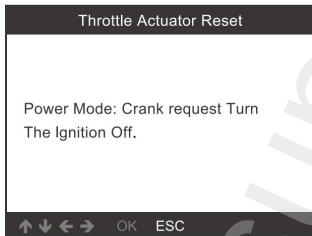
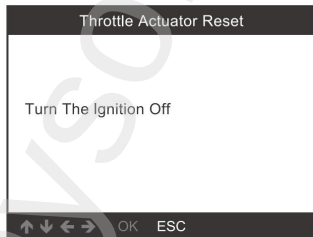
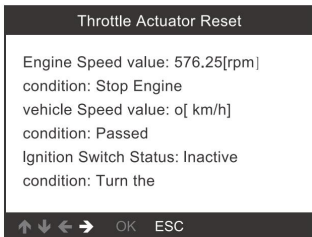
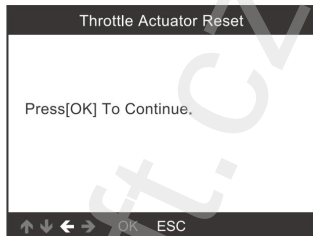
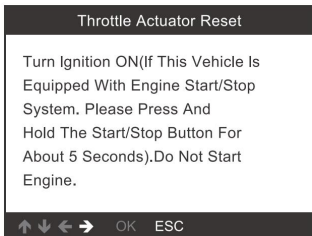


2.2.2 Функция за нулиране на контролера на дросела

Натиснете бутона [Reset Functions] и отидете на [Throttle Accuator Reset]. Следвайте инструкциите на интерфейса, за да завършите действието за задаване на задвижването на дросела.

Конкретните стъпки са показани на изображението по-долу:





Забележка: Специалните характеристики може да варира в зависимост от модела.

3. OBDII система

3.1 Четене на кодове

Запаметените кодове са известни още като „фиксиращи кодове“ или „постоянни кодове“.

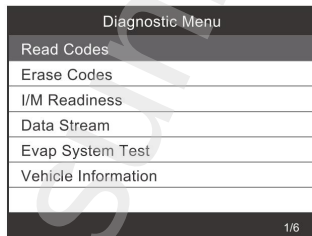
Тези кодове карат многофункционалната индикаторна лампа (MIL) да светне в контролния модул, когато възникне неизправност, свързана с емисиите.

Чакащите кодове се наричат още „затихващи кодове“ или „кодове за непрекъснато наблюдение“.

Те показват проблем, който управляващият модул е открил по време на текущия или последния цикъл на шофиране, но не се счита за сериозен.

Ако по време на следващия период на загреване не възникне неизправност, индикаторът за неизправност няма да светне и кодовете ще бъдат изчистени от паметта.

1) Използвайте бутоните нагоре/надолу, за да изберете „Прочитане на кодове“ от диагностичното меню, след което натиснете Enter.



Ако няма налични диагностични кодове за неизправности, на дисплея ще се появи съобщението „В модула не са съхранени (чакащи) кодове“.

Изчакайте няколко секунди или натиснете произволен бутон, за да се върнете в диагностичното меню.

2) Показване на DTC кодове на дисплея.

DTC	
P0143	1/8
Generic	Current
O2 Sensor Circuit Low Voltage Bank 1 Sensor 3	
↑ ↓ ← → OK ESC	

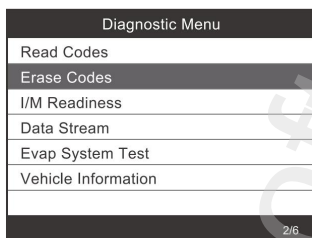
Номерът на контролния модул, редът на DTS, общият брой открити кодове и видът на кода (общ или специфичен за производителя) ще бъдат показани в горния десен ъгъл на дисплея .

3.2 Изтриване на кодове

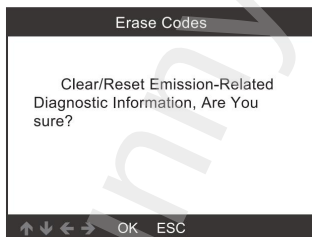
Забележка: Тази функция може да се използва при изключен двигател. Не стартирайте двигателя. Преди да изпълните тази функция, уверете се, че сте прочели и записали кодовете за неизправности. След изчистване, прочетете отново кодовете за неизправности или включете запалването и прочетете отново кодовете. Ако кодовете за неизправности продължават да се появяват, първо определете причината за кода за неизправност и след това отстранете проблема.

Кодовете за грешки вече могат да бъдат изчистени.

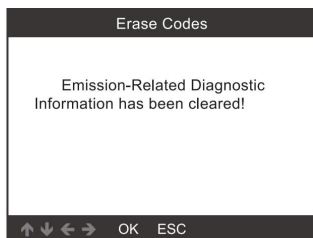
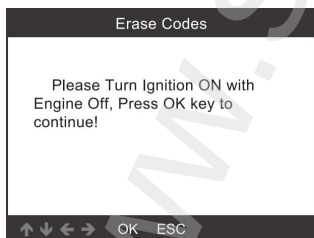
1) Използвайте бутоните нагоре/надолу, за да изберете „Изтриване на кодове“ от диагностичното меню и натиснете бутона Enter.



2) Ще се появи предупредително съобщение с искане за потвърждение.



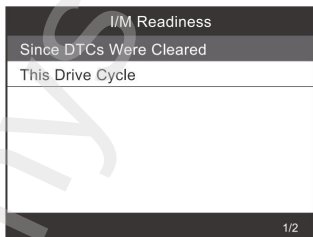
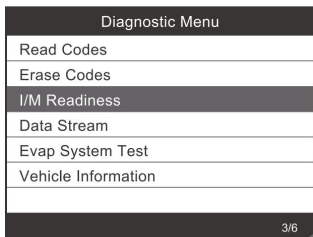
2) Потвърдете , като натиснете [OK].



3.3 Готовност за I/M

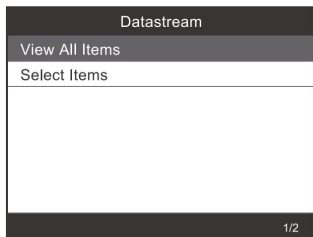
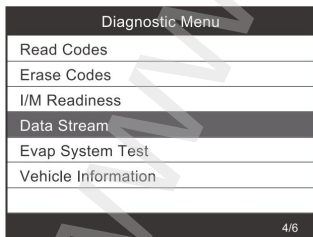
Подготовката за инспекция/поддръжка се отнася до инспекцията и поддръжката, задължителни от правителството, за да се спазят федералните стандарти за качество на въздуха. Готовността за инспекция/поддръжка се отнася до това дали различните системи, свързани с емисиите, на превозното средство функционират правилно и са готови за инспекция и поддръжка.

Функцията „Монитор на състоянието“ за готовност за I/M също може да се използва (след извършване на ремонт на дефект), за да се потвърди, че ремонтът е извършен правилно и/или да се провери състоянието на мониторинговия цикъл.



3.4 Поток от данни

OBDII диагностичният инструмент е специално диагностично устройство, което комуникира с компютъра на автомобила. Скенерът ви позволява да преглеждате „живи“ данни в реално време. Тази информация включва стойности (волтове, обороти, температура, контур на скоростта, състояние на горивната система и др.), генерирани от различни сензори, превключватели и изпълнителни механизми в автомобила. Натиснете Enter.

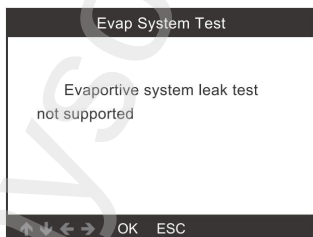
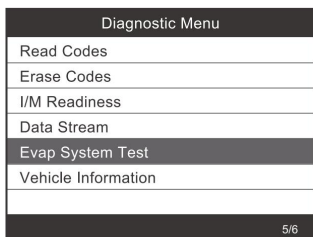


3.5 Тест за течове

Тази функция ви позволява да създадете необходимите условия за извършване на тест за течове в изпарителната система, но всъщност не извършва теста.

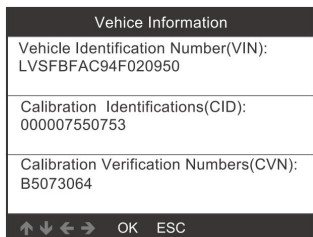
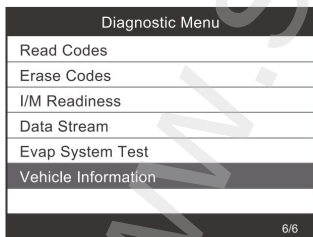
Производителят на превозното средство е отговорен за задаването на критериите за автоматично спиране на теста.

Преди да извършите тази функция, вижте сервизното ръководство на автомобила за необходимите процедури.



3.6 Информация за превозното средство

Изберете „Информация за превозното средство“ и натиснете „Enter“, дисплеят ще покаже VIN (идентификационен номер на превозното средство), CID (идентификатор за калибриране) и CVN (номер за проверка на калибрирането).



4. Настройки на устройството

4.1 Език

Изберете [Език], ще се покаже следното:

Tool Setup	
Language	
Beeper	
Instructions(Display at startup)	
Unit of Measure	
Skin Style	
Feedback the test result	
Device Information	
1/7	

Language	
English	
1/1	

4.2 Звуков сигнал

Изберете [Звуков сигнал], ще се покаже следното:

Tool Setup	
Language	
Beeper	
Instructions(Display at startup)	
Unit of Measure	
Skin Style	
Feedback the test result	
Device Information	
2/7	

Beeper	
OFF	
ON	
1/2	

4.3 Инструкции (стартов дисплей)

Изберете [Инструкции (Показване при стартиране)], за да се покаже следното:

Tool Setup
Language
Beeper
Instructions(Display at startup)
Unit of Measure
Skin Style
Feedback the test result
Device Information

3/7

Instructions(Display at startup)
OFF
ON

1/2

4.4 единици

Изберете [Мерна единица], за да се покаже следното:

Tool Setup
Language
Beeper
Instructions(Display at startup)
Unit of Measure
Skin Style
Feedback the test result
Device Information

4/7

Unit of measure
Metric
Imperial

1/2

4.5 Цвят на дисплея

Изберете [Skin Style], за да се покаже следното:

Tool Setup
Language
Beeper
Instructions(Display at startup)
Unit of Measure
Skin Style
Feedback the test result
Device Information

5/7

Skin Style
Sky Gray
Gem Blue

1/2

4.6 Обратна връзка за резултатите от теста

1. Ако срещнете проблеми или грешки, моля, използвайте функцията за обратна връзка. Изберете [Обратна връзка за резултата от теста], за да се покаже следното:

Tool Setup
Language
Beeper
Instructions(Display at startup)
Unit of Measure
Skin Style
Feedback the test result
Device Information

6/7

Feedback the test result
Automatic recording is ready. perform the related functions that require feedback. After the execution,disconnect the car,connect to the computer via USB,use the update.exe tool.
↑ ↓ ← → OK ESC

Следващо: Натиснете бутона „Изход“ няколко пъти, за да се върнете в главното меню.

2. Например: регистрирането на смяна на батерия не е успешно. Изберете [Регистриране на смяна на батерия] и извършете регистрацията на батерията (тази стъпка е много важна).

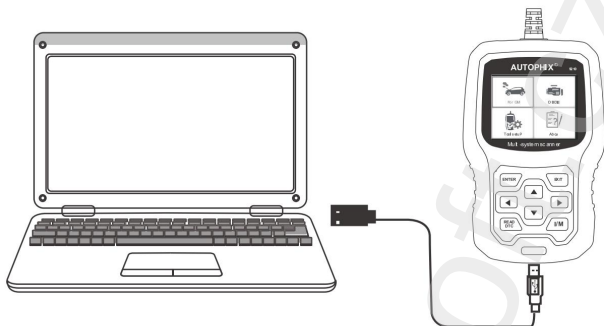
Забележка: Поддържайте устройството свързано с превозното средство съгласно горните стъпки.

3. След като регистрирате акумулатора, го откачете от превозното средство.

4. Прехвърлете данните на компютъра си и генерирайте файл за обратна връзка.

Изтеглете актуализирания файл на компютъра си от уебсайта на Autophix.

Свържете устройството си към компютъра с помощта на USB кабел.

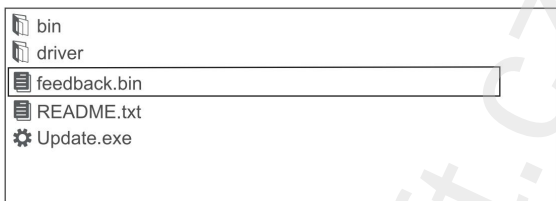


Изберете файл [Актуализиране] и на дисплея ще се появи следното:



Натиснете [Обратна връзка] и на дисплея ще се появи следното:

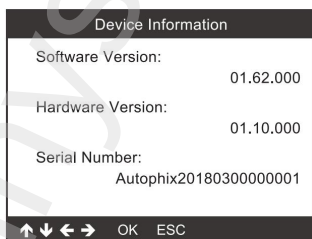
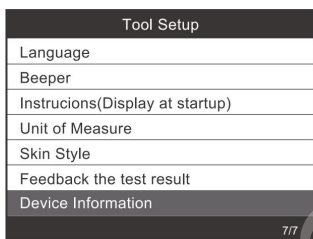




Моля, изпратете файла с обратна връзка feedback.bin на support@autophix.com.

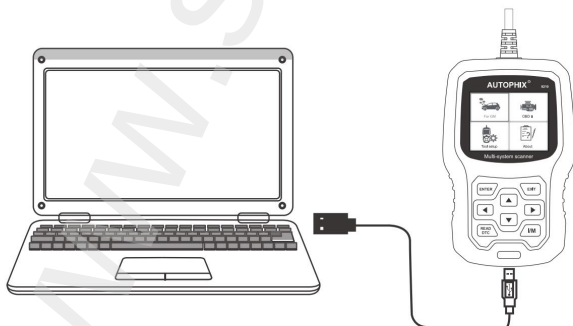
4.7 Информация за устройството

Изберете [Информация за устройството], за да се покаже следното:



5. Актуализация

Свържете устройството към компютъра с помощта на USB кабел .



- 1) След системна актуализация, само Windows 7/8/10 е подкрепен.
- 2) Може да се актуализира директно до Windows 8 и 10.
- 3) За Windows 7, софтуерът на драйвера е инсталиран в компютри.

Забележка: резултатите по-горе са примерни; действителните резултати могат да бъдат намерени на действително тестово превозно средство.

Дистрибутор
Sunnysoft s.r.o.
Kovanecká 2390/1a
190 00 Прага 9
Чешка република
www.sunnysoft.cz

AUTOPHIX[®]

MANUAL DE UTILIZARE

9210



Măsuri de siguranță

Vă rugăm să citiți cu atenție acest lucru înainte de prima utilizare.

Păstrați manualul pentru consultare ulterioară. În caz contrar, există riscul de rănire sau deteriorare a vehiculului.

- Efectuați testarea într-o zonă sigură și bine ventilată. mediu.

- Nu încercați să utilizați sau să monitorizați dispozitivul în timp ce conduceți un vehicul.

- Operarea sau observarea dispozitivului distrage atenția șoferului și poate provoca un accident mortal.

- Protejați-vă ochii și purtați echipament de protecție adecvat ochelari (standardul ANSI).

- Țineți hainele, părul, mâinile, unelte, echipamentul de testare etc. departe de toate piesele mobile sau fierbinți ale motorului.

- Operați mașina într-o încăpere bine ventilată.

Gazele și vaporii de eșapament sunt otrăvitoare.

- Puneți transmisia în poziția de parcare (pentru viteze automate) transmisie) sau neutru (transmisie manuală) și verificați dacă frâna de mână este acționată.

- Păstrați dispozitivul uscat, curat, fără ulei/apă sau grăsime.

Dacă este necesar, curățați exteriorul dispozitivului de scanare cu un detergent blând.

Sfat: Înainte de a utiliza dispozitivul, introduceți-l în vehicul. Apoi porniți vehiculul.

Despre 9210

1. Compatibilitate

1) Modelul 9210 funcționează pe majoritatea vehiculelor americane, europene și asiatice conforme cu OBDII, lansate după anul 1996.

2) Compatibil cu următoarele mașini din 1996 până în prezent: Buick, Cadillac, Chevrolet, Daewoo, GMC, Hummer Holden, Oldsmobile, Pontiac Saturn. Funcționează pe toate sistemele, cum ar fi motorul, transmisia, ABS-ul și airbag-ul etc.

3) Compatibil cu mașini Chevrolet, GMC, Hummer din 1996 până în prezent.

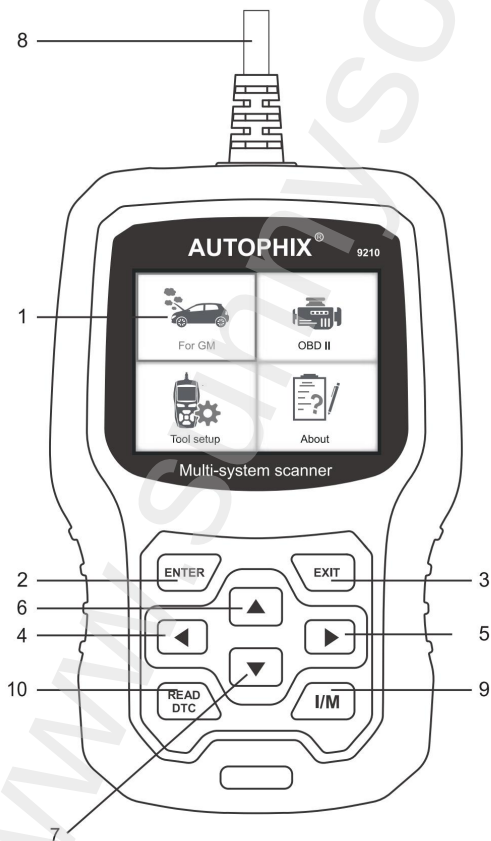
2. Specificații produs Ecran

LCD de 2,8", 320 x 240 pixeli, color
Tensiune de funcționare: 8 - 18 V

Temperatură de funcționare: 0 - 60 °C (32 - 140 °F)

Temperatura de depozitare: -20 - 70 °C (4 - 158 °F)

3. Descrierea dispozitivului



1. Ecran LCD - afișarea rezultatelor măsurătorilor, iluminare din spate, 320 x 240 pixeli.
2. Butonul ENTER - confirmă selecția din meniu.
3. Butonul EXIT - anulează o selecție din meniu sau revine la meniu.
4. Butonul stânga - deplasați-vă în meniu și sub meniul din stânga, în timp ce vizualizați datele, utilizați butonul pentru a merge la ultimul ecran.
5. Butonul dreapta - deplasare în meniu și sub meniu dreapta, în timp ce vizualizați datele, utilizați butonul pentru a trece la ecranul următor.
6. Butonul Sus - se deplasează în sus în meniu și submeniu, la restaurarea datelor pentru mai multe ecrane, se deplasează în sus pentru a trece la ecranul anterior.
7. Butonul Jos - vă deplasați în jos în meniu și sub meniu, când Pentru a restaura datele pentru mai multe ecrane, deplasați-vă în jos pentru a trece la ecranul următor.
8. Conector OBD cu 16 pini - conectați dispozitivul la conectorul de legătură de date (DLC) al vehiculului.
9. Buton I/M - verificare rapidă a stării de pregătire pentru emisii și verificarea ciclului de condus.
10. Buton CITIRE DTC - citire rapidă a codurilor de eroare.

I/M Readiness			
IGN	Spark	DTC	0
MIL		PdDTC	0
MIS	⊘	EVAP	⊘
FUE	✓	AIR	⊘
CCM	✓	O2S	✗
CAT	✓	HTR	✗
HCAT	⊘	EGR	⊘

Comentariu:

Martor luminos galben - martor luminos bord aprins
Gri MIL - martorul de bord este dezactivat

⊘ - nu susține

✓ - complet

✗ - necompletat

Instrucțiuni de utilizare

1. Conexiunea 9310

1.1 Puneți contactul.

1.2 Localizați conectorul cu 16 pini (Conectorul de legătură de date (DLC)).

2. Caracteristici ale 9210

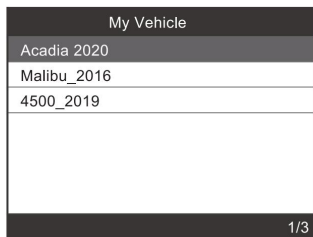
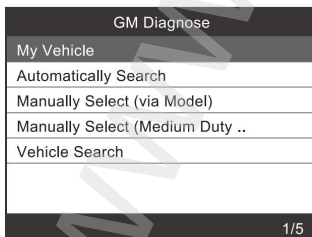
2.1 Pentru GM

Selecțai [Pentru GM] și codul VIN al vehiculului va fi citit automat.

În felul următor:



2.1.1 Apăsați [OK] pentru a continua. În meniul [Vehiculul meu], sistemul poate avea până la trei modele. Puteți salva modelul mașinii în produs în avans. Puteți economisi timp selectând direct modelul corespunzător în testul următor.



2.1.2 În meniul [Căutare automată], numele vehiculului și anul de fabricație pot fi identificate prin codul VIN.

GM Diagnose
My Vehicle
Automatically Search
Manually Select (via Model)
Manually Select (Medium Duty ..
Vehicle Search
2/5

VIN
1A1JC5444R7252367
Is The VIN Correct?
↑ ↓ ← → OK ESC

Automatically Search
Fast Enter Don't Support This Vehicle, Please Select Menu To Enter.
↑ ↓ ← → OK ESC

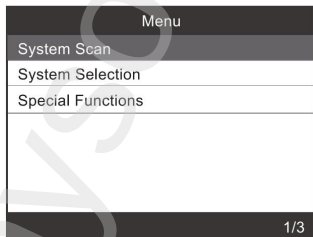
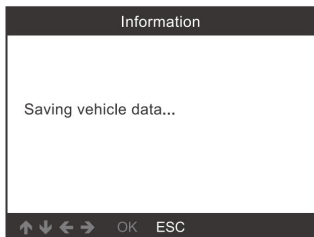
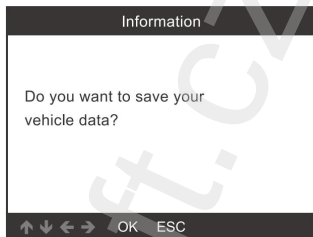
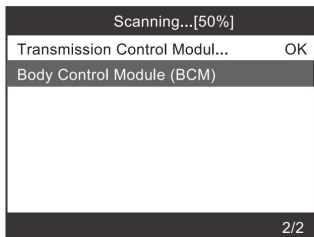
2.1.3 Următoarele vor fi afișate în meniul [Selectare manuală (prin intermediul modelului)]:

GM Diagnose
My Vehicle
Automatically Search
Manually Select (via Model)
Manually Select (Medium Duty ..
Vehicle Search
3/5

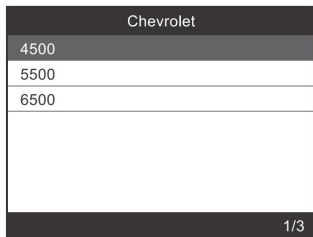
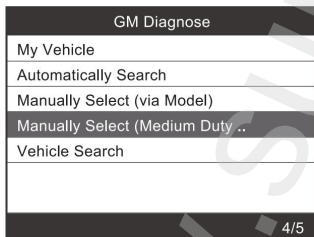
Select Brand
Chevrolet
Buick
Cadillac
GMC
Alpheon
Ravon
Pontiac
1/13

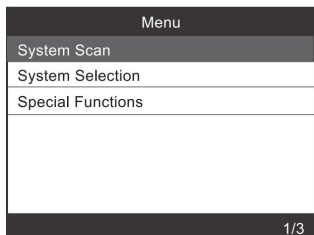
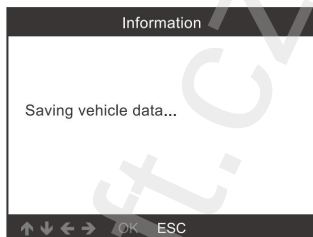
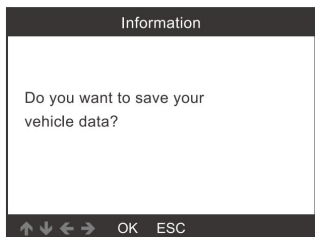
Model Year
2020
2019
2018
2017
2016
2015
2014
1/25

Select Series
Aveo
Beat
Bolt
Camaro
Cavalier
Cobalt
Colorado
1/34

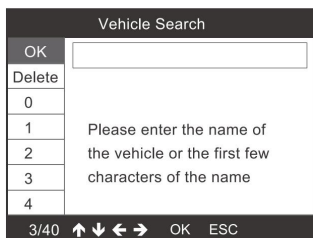
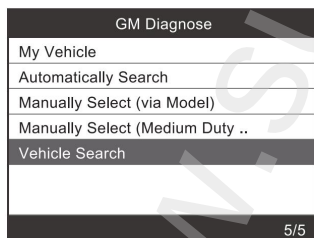


2.1.4 Următoarele informații vor fi afișate în meniul [Selectare manuală (camion de sarcină medie)]:

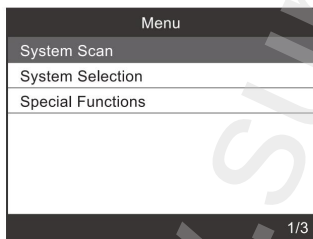
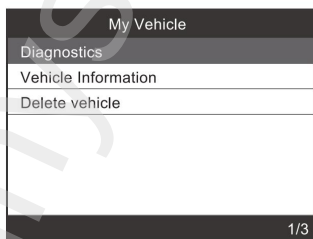
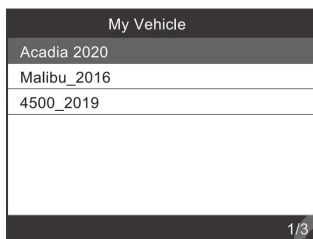
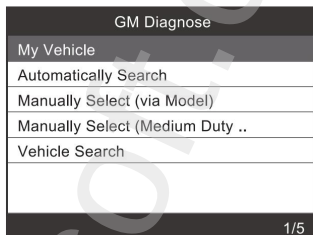




2.1.5 În meniul [Căutare vehicul] se afișează următoarele:



2.1.6 Prin metodele de mai sus, după salvarea vehiculului, accesați următoarea interfață prin [Vehiculul meu].



Faceți clic pe [OK] pentru a intra în modul [scanare sistem].
 După scanarea automată, sistemul defect va fi afișat cu roșu.
 După introducerea sistemului defect, va fi afișat următorul conținut:

Scanning ... [20%]	
Engine Control Module (ECM)	4
Transmission Control Module	
1/2	

Scanning ... [50%]	
Engine Control Module (ECM)	4
Electronic Brake Control M..	OK
Power Steering Control Mo...	1
Body Control Module (BCM)	
1/4	

GM Diagnose	
Engine Control Module (ECM)	4
Transmission Control Module	OK
Transmission Control Module	1
1/3	

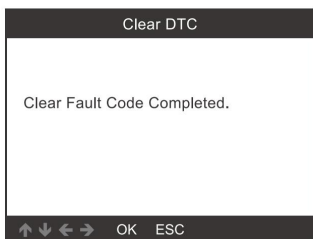
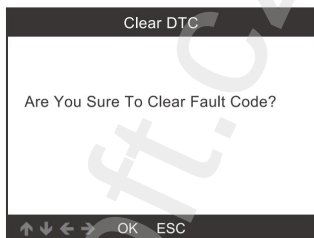
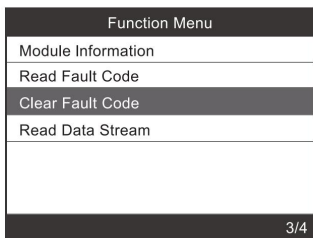
Function Menu	
Module Information	
Read Fault Code	
Clear Fault Code	
Read Data Stream	
1/4	

Introduceți [Informații despre modul], vor fi afișate următoarele:

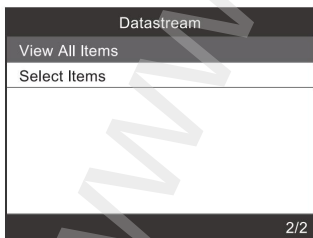
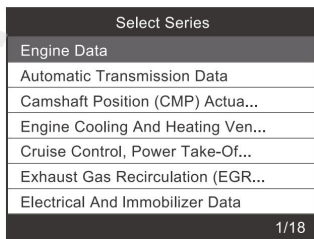
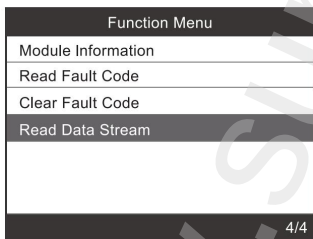
Datastream	
View All Items	
Select Items	
1/2	

Datastream	
vehicle Identification Number (VIN)	KL3TF48E9 EB515662
Base Model Part Number	080102AA
Base Model Part Number Alpha code	N/A
End Model Part Number	16777215
Boot software Part Number-	N/A
1/4	

Introduceți [Citire cod eroare], se va afișa următorul mesaj:



Introduceți [Citire flux de date], se va afișa următoarea listă:



Introduceți [Selecție sistem], se va afișa următoarea opțiune:

Menu
System Scan
System Selection
Special Functions
2/3

System Menu
Engine Control Module (ECM)
Electronic Brake Control Modul...
Power Steering Control Module...
Body Control Module (BCM)
Inflatable Restraint Sensing An...
Radio/HVAC Controls (RHC)
1/6

Function Menu
Module Information
Read Fault Code
Clear Fault Code
Read Data Stream
1/4

Introduceți [Citire flux de date], se va afișa următoarea listă:

2.2 Funcții speciale

După introducerea [Funcții speciale], se afișează următoarele:

Menu
System Scan
System Selection
Special Functions
3/3

System Functions
Reset Functions
Automated Brake Bleed
Battery Sensor Module Learn
Idle Learn
Steering Wheel Angle Sensor L...
Steering Wheel Angle Sensor R...
Steering Wheel Angle Sensor C...
1/9

2.2.1 Resetarea duratei de viață a uleiului de motor

Apăsați butonul [Funcții de resetare] și accesați [Resetare durată de viață ulei motor]. Urmați instrucțiunile de pe interfață pentru a finaliza resetarea duratei de viață ulei motor.

Pașii specifici sunt următorii:

Special Functions

Engine Oil Life Reset

Throttle Actuator Reset

1/2

Information

Turn Ignition ON(If This Vehicle Is Equipped With Engine Start/Stop System. Please Press And Hold The Start/Stop Button For About 5 Seconds). Do Not Start Engine.

↑ ↓ ← → OK ESC

Information

Press[OK] To Continue.

↑ ↓ ← → OK ESC

Engine Oil Life Reset

Input

Execu...

Current value:0%
Input value:0%

1/2 ↑ ↓ ← → OK ESC

Engine Oil Life Reset

OK

Delete

0

1

2

3

4

please input a decimal number, minimum value:0
max: 100

3/12 ↑ ↓ ← → OK ESC

Engine Oil Life Reset

OK

Delete

0

1

2

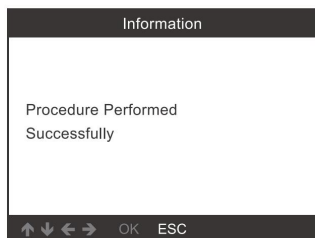
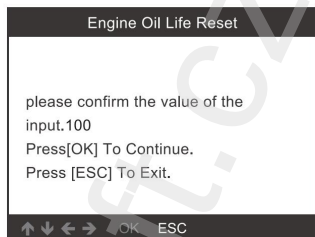
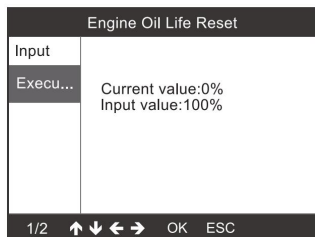
3

4

100

please input a decimal number, minimum value:0
max: 100

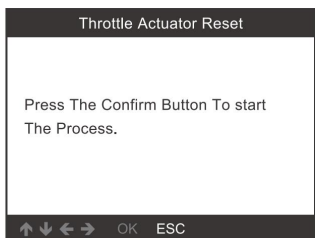
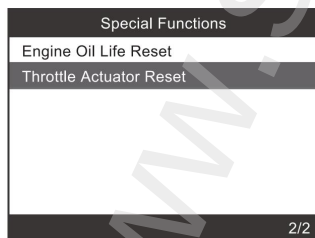
3/12 ↑ ↓ ← → OK ESC

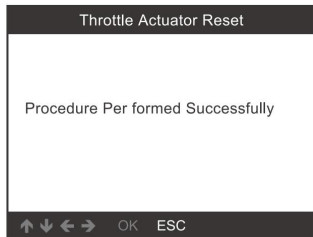
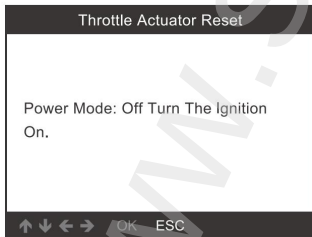
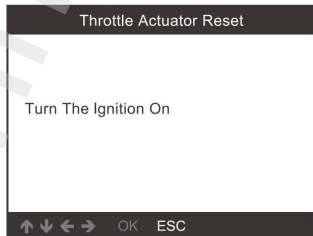
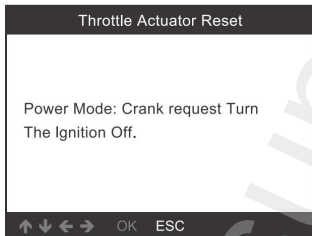
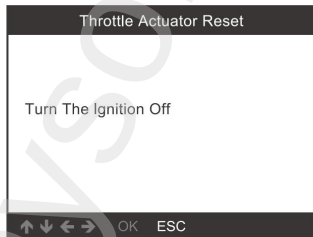
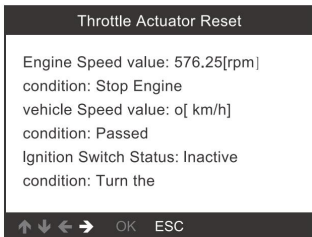
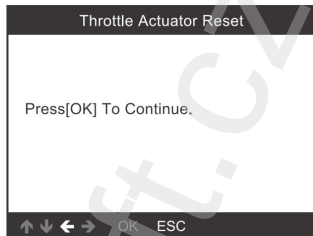
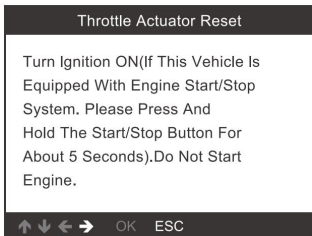


2.2.2 Funcția de resetare a regulatorului de accelerație

Apăsați butonul [Resetare funcții] și accesați [Resetare actuator clapeta de accelerație]. Urmați instrucțiunile de pe interfață pentru a finaliza acțiunea de atribuire a actuatorului clapetei de accelerație.

Pașii specifici sunt arătați în imaginea de mai jos:





Notă: Caracteristicile speciale pot varia de la model la model.

3. Sistem OBDII

3.1 Citirea codurilor

Codurile stocate sunt cunoscute și sub denumirea de „coduri fixe” sau „coduri permanente”.

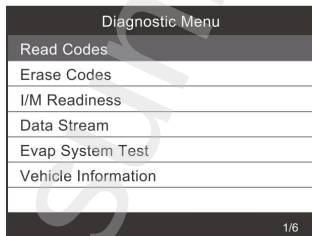
Aceste coduri determină aprinderea matorului luminos multifuncțional (MIL) în modulul de control atunci când apare o defecțiune legată de emisii.

Codurile în așteptare sunt denumite și „coduri de fading” sau „coduri de monitorizare continuă”.

Acestea indică o problemă detectată de modulul de control în timpul ciclului de condus curent sau al ultimului ciclu, dar care nu este considerată gravă.

Dacă nu apare nicio defecțiune în următoarea perioadă de încălzire, matorul luminos de defecțiune nu se va aprinde, iar codurile vor fi șterse din memorie.

1) Folosiți butonul sus/jos pentru a selecta „Citire coduri” din meniul de diagnosticare, apoi apăsați Enter.



Dacă nu sunt disponibile coduri de diagnosticare a erorilor, pe afișaj va apărea mesajul „Nu există coduri (în așteptare) stocate în modul”.

Așteptați câteva secunde sau apăsați orice buton pentru a reveni la meniul de diagnosticare.

2) Afișați codurile de eroare pe afișaj.

DTC	
P0143	1/8
Generic	Current
O2 Sensor Circuit Low Voltage Bank 1 Sensor 3	
↑ ↓ ← → OK ESC	

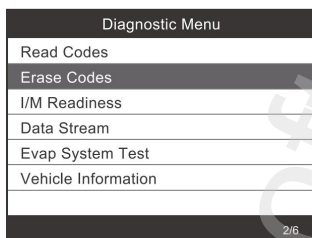
Numărul modulului de control, comanda DTS, numărul total de coduri detectate și tipul de cod (generic sau specific producătorului) vor fi afișate în colțul din dreapta sus al afișajului .

3.2 Ștergerea codurilor

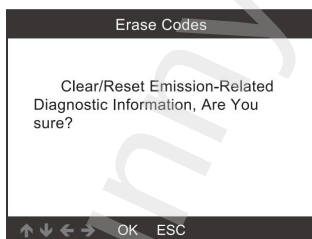
Notă: Această funcție poate fi utilizată cu motorul oprit. Nu porniți motorul. Înainte de a efectua această funcție, asigurați-vă că ați citit și ați înregistrat codurile de eroare. După ștergere, citiți din nou codurile de eroare sau cuplați contactul și citiți din nou codurile. Dacă codurile de eroare continuă să apară, determinați mai întâi cauza codului de eroare și apoi rezolvați problema.

Codurile de eroare pot fi acum șterse.

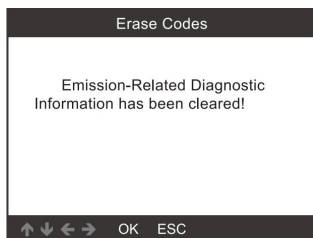
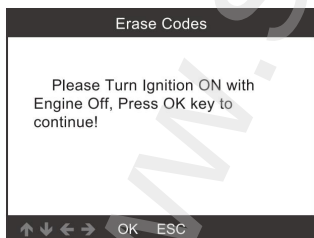
1) Folosiți butoanele sus/jos pentru a selecta „Ștergere coduri” din meniul de diagnosticare și apăsați butonul Enter.



2) Va apărea un mesaj de avertizare care solicită confirmare.



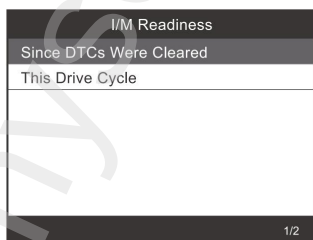
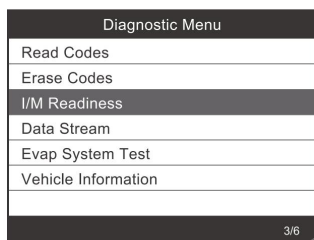
2) Confirmați apăsând [OK].



3.3 Pregătire I/M

I/M se referă la inspecția și întreținerea impuse de guvern pentru a îndeplini standardele federale de calitate a aerului. Pregătirea I/M se referă la funcționarea corectă a diverselor sisteme legate de emisii ale unui vehicul și la faptul că acestea sunt gata pentru inspecție și întreținere.

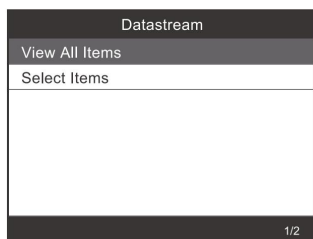
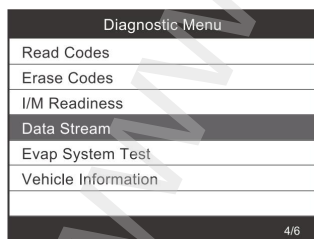
Funcția „Monitorizare stare” a disponibilității I/M poate fi utilizată și (după efectuarea unei remedieri a defectului) pentru a confirma că reparația a fost efectuată corect și/sau pentru a verifica starea monitorizării.



3.4 Fluxul de date

Un instrument de scanare OBDII este un dispozitiv special de diagnosticare care comunică cu computerul vehiculului. Instrumentul de scanare vă permite să vizualizați date „live” în timp real. Aceste informații includ valori (voltări, RPM, temperatură, buclă de viteză, starea sistemului de alimentare etc.) generate de diverși senzori, comutatoare și actuatoare din vehicul.

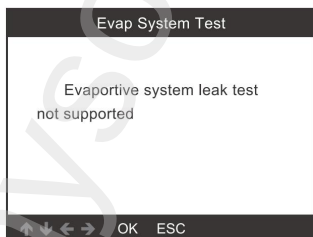
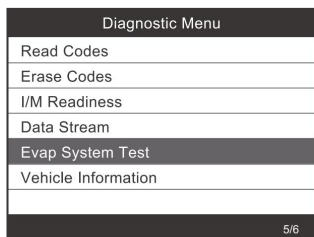
Apăsați Enter.



3.5 Test de etanșeitate

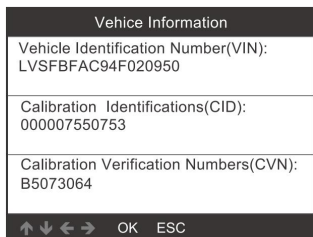
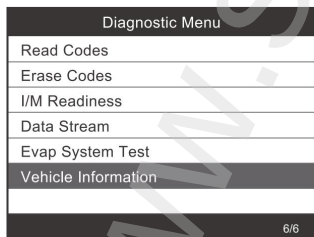
Această funcție vă permite să creați condițiile necesare pentru efectuarea unui test de scurgere a sistemului de evaporare, dar nu efectuează testul efectiv. Producătorul vehiculului este responsabil pentru stabilirea criteriilor pentru oprirea automată a testului.

Înainte de a efectua această funcție, consultați manualul de service al vehiculului pentru procedurile necesare.



3.6 Informații despre vehicul

Selectați „Informații despre vehicul” și apăsați „Enter”, afișajul va afișa VIN (Numărul de identificare al vehiculului), CID (ID-ul calibrării) și CVN (Numărul de verificare a calibrării).



4. Setările dispozitivului

4.1 Limbaj

Selecțai [Limbă], vor fi afișate următoarele:

Tool Setup	
Language	
Beeper	
Instructions(Display at startup)	
Unit of Measure	
Skin Style	
Feedback the test result	
Device Information	
1/7	

Language	
English	
1/1	

4.2 Bip

Selecțai [Beeper], se vor afișa următoarele:

Tool Setup	
Language	
Beeper	
Instructions(Display at startup)	
Unit of Measure	
Skin Style	
Feedback the test result	
Device Information	
2/7	

Beeper	
OFF	
ON	
1/2	

4.3 Instrucțiuni (afișaj de pornire)

Selecțai [Instrucțiuni (Afișare la pornire)] pentru a afișa următoarele:

Tool Setup
Language
Beeper
Instructions(Display at startup)
Unit of Measure
Skin Style
Feedback the test result
Device Information

3/7

Instructions(Display at startup)
OFF
ON

1/2

4.4 unități

Selecțai [Unitate de măsură] pentru a afișa următoarele:

Tool Setup
Language
Beeper
Instructions(Display at startup)
Unit of Measure
Skin Style
Feedback the test result
Device Information

4/7

Unit of measure
Metric
Imperial

1/2

4.5 Culoarea afișajului

Selecțai [Stil ten] pentru a afișa următoarele:

Tool Setup
Language
Beeper
Instructions(Display at startup)
Unit of Measure
Skin Style
Feedback the test result
Device Information

5/7

Skin Style
Sky Gray
Gem Blue

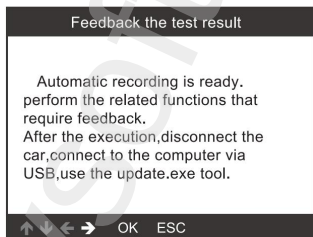
1/2

4.6 Feedback privind rezultatele testului

1. Dacă întâmpinați probleme sau erori, vă rugăm să utilizați funcția de feedback. Selectați [Feedback The Test Result] pentru a afișa următoarele:

Tool Setup
Language
Beeper
Instructions(Display at startup)
Unit of Measure
Skin Style
Feedback the test result
Device Information

6/7



În continuare: Apăsați butonul „Ieșire” de mai multe ori pentru a reveni la meniul principal.

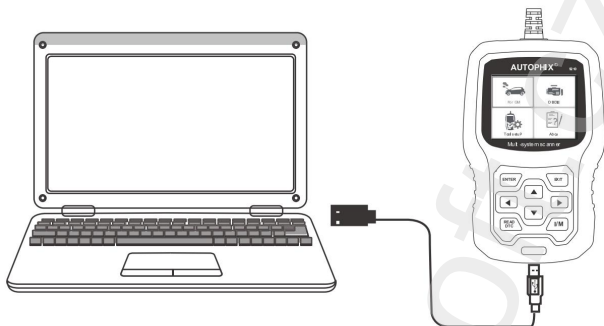
2. De exemplu: înregistrarea schimbării bateriei nu a reușit. Selectați [Înregistrare schimbare baterie] și efectuați înregistrarea bateriei (acest pas este foarte important).

Notă: Mențineți dispozitivul conectat la vehicul conform pașilor de mai sus.

3. După înregistrarea bateriei, deconectați-o de la vehicul.

4. Transferați datele pe computer și generați un fișier de feedback.

Descărcați fișierul actualizat pe computer de pe site-ul Autophix. Conectați dispozitivul la computer folosind un cablu USB.

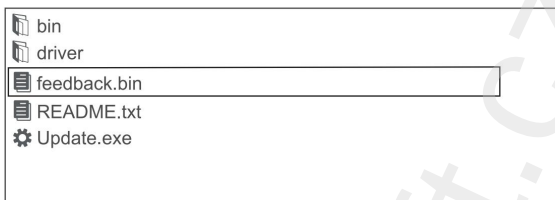


Selectați fișierul [Actualizare] și pe ecran va apărea următoarele:



Apăsați [Feedback] și pe ecran vor apărea următoarele:

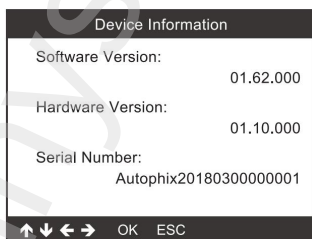
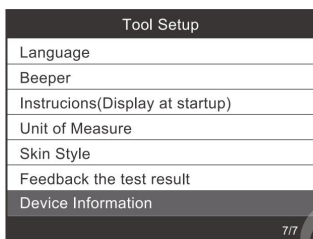




Vă rugăm să trimiteți fișierul de feedback feedback.bin la adresa support@autophix.com.

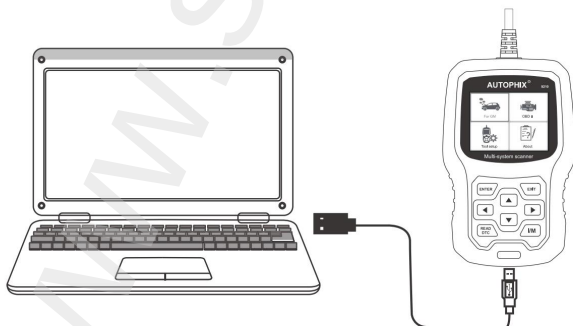
4.7 Informații despre dispozitiv

Selecționați [Informații despre dispozitiv] pentru a afișa următoarele:



5. Actualizare

Conectați dispozitivul la computer folosind un cablu USB .



- 1) După actualizarea sistemului, este disponibil doar Windows 7/8/10 susținut.
- 2) Poate fi actualizat direct la Windows 8 și 10.
- 3) Pentru Windows 7, software-ul driverului este instalat în calculatoare.

Notă: rezultatele de mai sus sunt exemple; rezultatele reale pot fi găsite pe un vehicul de testare real.

Distribuitoare
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AUTOPHIX[®]

INSTRUKCJA OBSŁUGI

9210



Środki ostrożności

Przed pierwszym użyciem należy uważnie przeczytać instrukcję.

Instrukcję obsługi należy zachować do wykorzystania w przyszłości. W przeciwnym razie istnieje ryzyko obrażeń ciała lub uszkodzenia pojazdu.

- Przeprowadzaj testy w bezpiecznym i dobrze wentylowanym pomieszczeniu, środowisko.

- Nie należy podejmować prób obsługi lub monitorowania urządzenia podczas prowadzenia pojazdu.

- Obsługa urządzenia lub obserwowanie go rozprasza kierowcę i może być przyczyną śmiertelnego wypadku.

- Chronić oczy i nos odpowiedni sprzęt ochronny oraz okulary (norma ANSI).

- Trzymaj odzież, włosy, ręce, narzędzia, sprzęt pomiarowy itp. z dala od ruchomych lub gorących części silnika.

- Używaj samochodu w dobrze wentylowanym pomieszczeniu.

Spaliny i opary są trujące.

- Przetwórz skrzynię biegów w pozycję postojową (w przypadku automatycznej skrzyni biegów) skrzynia biegów) lub neutralny (skrzynia biegów manualna) i sprawdź czy hamulec postojowy jest zaciągnięty.

- Utrzymuj urządzenie w stanie suchym, czystym, wolnym od oleju/wody i smaru. W razie konieczności wyczyść zewnętrzną część urządzenia skanującego łagodnym detergentem.

Wskazówka: Przed użyciem urządzenia należy je włożyć do pojazdu. Następnie należy uruchomić pojazd.

O modelu 9210

1. Zgodność

1) Układ 9210 działa z większością pojazdów amerykańskich, europejskich i azjatyckich zgodnych ze standardem OBDII, wydanych po roku 1996.

2) Obsługuje następujące samochody od 1996 roku do chwili obecnej: Buick, Cadillac, Chevrolet, Daewoo, GMC, Hummer Holden, Oldsmobile, Pontiac Saturn. Działa ze wszystkimi systemami, takimi jak silnik, skrzynia biegów, ABS i poduszka powietrzna itp.

3) Obsługuje samochody marki Chevrolet, GMC, Hummer od 1996 roku do chwili obecnej.

2. Specyfikacja produktu

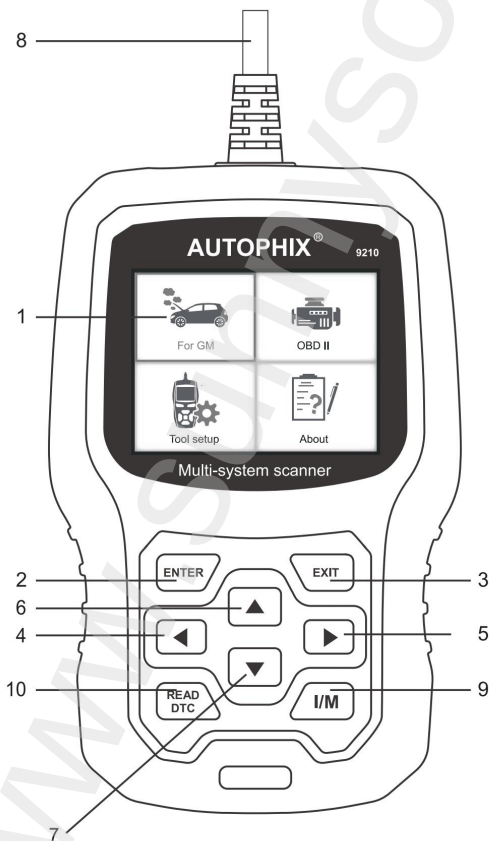
Ekran kolorowy LCD 2,8 cala, 320 x 240 pikseli Napięcie

robocze: 8-18 V Temperatura

robocza: 0-60 °C (32-140 °F)

Temperatura przechowywania: -20 - 70 °C (4 - 158 °F)

3. Opis urządzenia



1. Wyświetlacz LCD - wyświetlanie wyników pomiarów, podświetlany, 320 x 240 pikseli.
2. Przycisk ENTER - potwierdza wybór menu.
3. Przycisk EXIT - anuluje wybór menu lub powraca do menu.
4. Przycisk lewy - poruszanie się po menu i pod menu w lewo; podczas przeglądania danych użyj przycisku, aby przejść do ostatniego ekranu.
5. Prawy przycisk - poruszanie się w menu i poniżej menu po prawej, podczas przeglądania danych użyj przycisku, aby przejść do następnego ekranu.
6. Przycisk w górę - przechodzenie w górę w menu i podmenu; podczas przywracania danych dla więcej niż jednego ekranu przesunięcie w górę powoduje przejście do poprzedniego ekranu.
7. Przycisk w dół - przesuwanie w dół menu i poniżej menu, gdy Aby przywrócić dane dla więcej niż jednego ekranu, przesunąć palcem w dół, aby przejść do następnego ekranu.
8. 16-pinowe złącze OBD - podłącz urządzenie do złącza łączą danych (DLC) pojazdu.
9. Przycisk I/M - szybkie sprawdzenie statusu gotowości do emisji i weryfikacja cyklu jazdy.
10. Przycisk READ DTC - szybki odczyt kodów błędów.

I/M Readiness			
IGN	Spark	DTC	0
MIL		PdDTC	0
MIS	⊘	EVAP	⊘
FUE	✓	AIR	⊘
CCM	✓	O2S	✗
CAT	✓	HTR	✗
HCAT	⊘	EGR	⊘

Komentarz:

MIL żółty - deska rozdzielcza MIL WŁĄCZONY
MIL szary - deska rozdzielcza MIL WYŁĄCZONY

⊘ - nie obsługuje

✓ - kompletny

✗ - niekompletne

Instrukcja obsługi

1. Połączenie 9310

1.1 Włącz zapłon.

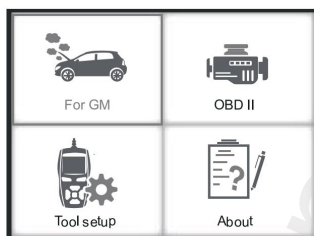
1.2 Znajdź 16-pinowe złącze (złącze łączy danych (DLC)).

2. 9210 Funkcje

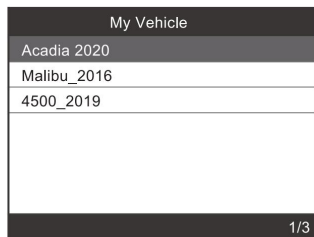
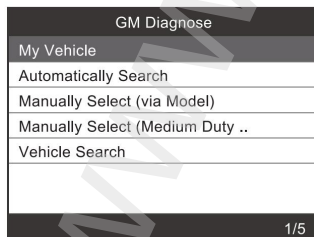
2.1 W przypadku

GM Wybierz [Dla GM], a kod VIN pojazdu zostanie odczytany automatycznie.

W następujący sposób:



2.1.1 Naciśnij [OK], aby kontynuować. W menu [Mój pojazd] system może mieć maksymalnie trzy modele. Możesz zapisać model samochodu w produkcji z wyprzedzeniem. Możesz zaoszczędzić czas, wybierając odpowiedni model bezpośrednio w kolejnym teście.



2.1.2 W menu [Automatyczne wyszukiwanie] można zidentyfikować nazwę pojazdu i rok produkcji na podstawie kodu VIN.

GM Diagnose
My Vehicle
Automatically Search
Manually Select (via Model)
Manually Select (Medium Duty ..
Vehicle Search
2/5

VIN
1A1JC5444R7252367
Is The VIN Correct?
↑ ↓ ← → OK ESC

Automatically Search
Fast Enter Don't Support This Vehicle, Please Select Menu To Enter.
↑ ↓ ← → OK ESC

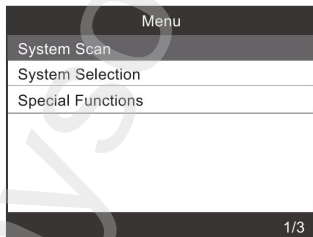
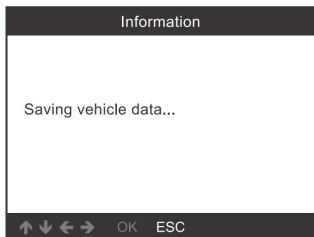
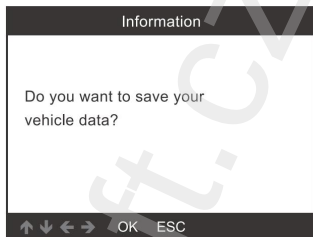
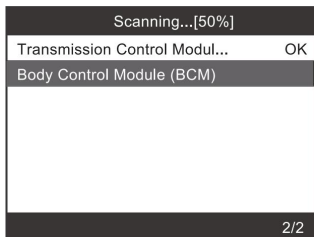
2.1.3 W menu [Wybór ręczny (za pomocą modelu)] zostanie wyświetlone następujące polecenie:

GM Diagnose
My Vehicle
Automatically Search
Manually Select (via Model)
Manually Select (Medium Duty ..
Vehicle Search
3/5

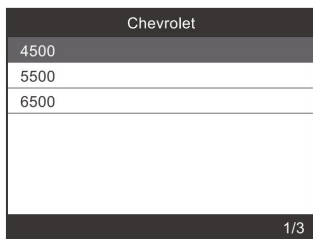
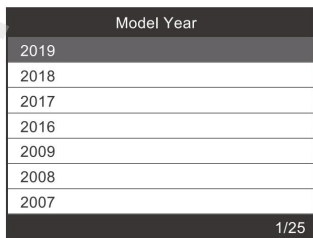
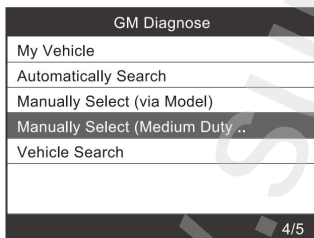
Select Brand
Chevrolet
Buick
Cadillac
GMC
Alpheon
Ravon
Pontiac
1/13

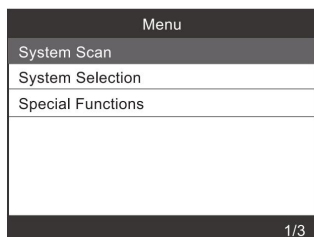
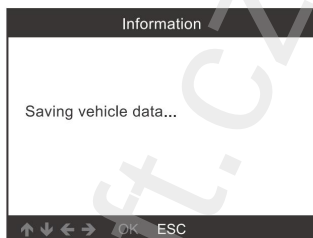
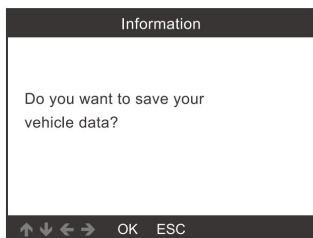
Model Year
2020
2019
2018
2017
2016
2015
2014
1/25

Select Series
Aveo
Beat
Bolt
Camaro
Cavalier
Cobalt
Colorado
1/34

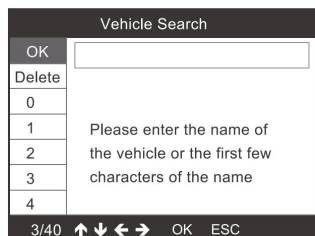
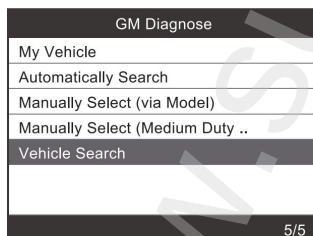


2.1.4 W menu [Wybierz ręcznie (samochód ciężarowy średniej ładowności)] zostaną wyświetlone następujące informacje:

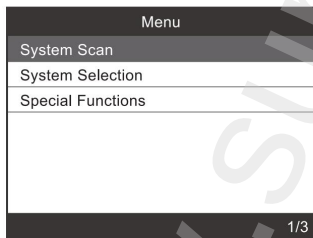
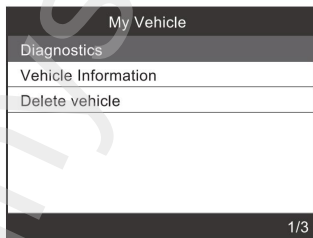
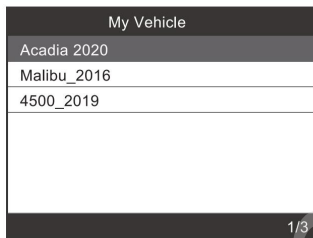
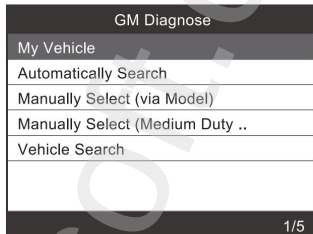




2.1.5 W menu [Wyszukiwanie pojazdu] wyświetla się następująca informacja:



2.1.6 Za pomocą powyższych metod, po zapisaniu pojazdu, wejdź do następującego interfejsu poprzez [Mój pojazd].



Kliknij [OK], aby przejść do trybu [skanowania systemu]. Po automatycznym skanowaniu wadliwy system zostanie wyświetlony na czerwono. Po wejściu do wadliwego systemu wyświetli się następująca zawartość:

Scanning ... [20%]	
Engine Control Module (ECM)	4
Transmission Control Module	
1/2	

Scanning ... [50%]	
Engine Control Module (ECM)	4
Electronic Brake Control M..	OK
Power Steering Control Mo...	1
Body Control Module (BCM)	
1/4	

GM Diagnose	
Engine Control Module (ECM)	4
Transmission Control Module	OK
Transmission Control Module	1
1/3	

Function Menu	
Module Information	
Read Fault Code	
Clear Fault Code	
Read Data Stream	
1/4	

Wprowadź [Informacje o module], zostanie wyświetlone następujące okno:

Datastream	
View All Items	
Select Items	
1/2	

Datastream	
vehicle Identification Number (VIN)	KL3TF48E9 EB515662
Base Model Part Number	080102AA
Base Model Part Number Alpha code	N/A
End Model Part Number	16777215
Boot software Part Number-	N/A
1/4	

Wybierz [Wybierz elementy] i naciśnij [OK] w następujący sposób:

Datastream	
View All Items	
Select Items	
2/2	

Datastream	
[]	All Datastream of Page
[]	Air conditioning (Aic)compressor clutch Relay
[]	Air conditioning (Alc)compressor operation
[]	Accessory
[]	Airl Fuel Equi valence Ratio command[:1]
1~4/58	

Naciśnij przycisk [LEWO] i [PRAWO], aby przewijać między stronami.

Naciśnij przyciski [GÓRA] i [DÓŁ], aby wybrać jedną opcję po drugiej.

Naciśnij [OK], aby wybrać strumień danych.

Naciśnij [ESC], aby odczytać strumień danych.

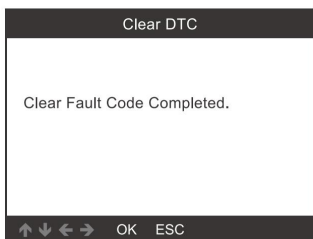
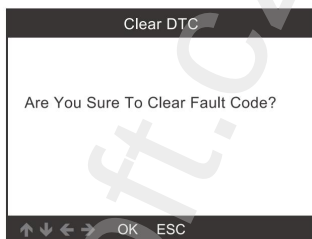
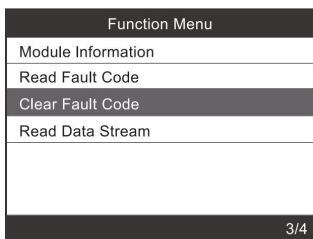
Wprowadź [Odczyt kodu błędu], zostanie wyświetlony następujący komunikat:

Function Menu	
Module Information	
Read Fault Code	
Clear Fault Code	
Read Data Stream	
2/4	

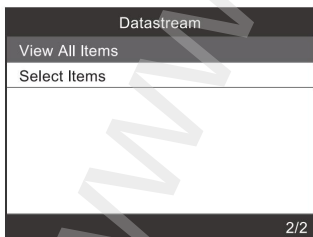
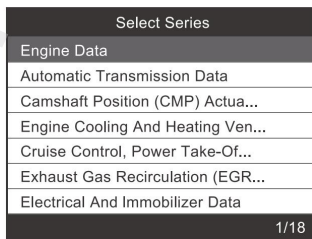
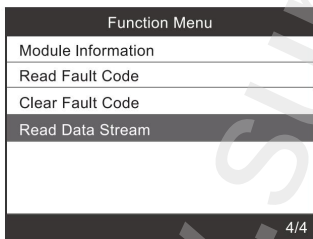
Function Menu	
DTC Display	
1/1	

02-Read Fault Codes	
F1190102	1/4
The fault code is not found in the database	
↑ ↓ ← → OK ESC	

Wprowadź [Odczyt kodu błędu], zostanie wyświetlony następujący komunikat:



Wejść w [Odczyt strumienia danych], zostanie wyświetlone następujące okno:



Wejdź w [Wybór systemu], wyświetli się następujący komunikat:

Menu
System Scan
System Selection
Special Functions
2/3

System Menu
Engine Control Module (ECM)
Electronic Brake Control Modul...
Power Steering Control Module...
Body Control Module (BCM)
Inflatable Restraint Sensing An...
Radio/HVAC Controls (RHC)
1/6

Function Menu
Module Information
Read Fault Code
Clear Fault Code
Read Data Stream
1/4

Wejdź w [Odczyt strumienia danych], zostanie wyświetlone następujące okno:

2.2 Funkcje specjalne

Po wejściu do [Funkcji specjalnych] wyświetla się następujący komunikat:

Menu
System Scan
System Selection
Special Functions
3/3

System Functions
Reset Functions
Automated Brake Bleed
Battery Sensor Module Learn
Idle Learn
Steering Wheel Angle Sensor L...
Steering Wheel Angle Sensor R...
Steering Wheel Angle Sensor C...
1/9

2.2.1 Resetowanie okresu przydatności oleju silnikowego

Naciśnij przycisk [Resetuj funkcje] i przejdź do [Resetuj wskaźnik zużycia oleju silnikowego]. Postępuj zgodnie z instrukcjami na interfejsie, aby zakończyć

resetowanie wskaźnika zużycia oleju silnikowego.

Konkretne kroki są następujące:

Special Functions

Engine Oil Life Reset

Throttle Actuator Reset

1/2

Information

Turn Ignition ON(If This Vehicle Is Equipped With Engine Start/Stop System. Please Press And Hold The Start/Stop Button For About 5 Seconds). Do Not Start Engine.

↑ ↓ ← → OK ESC

Information

Press[OK] To Continue.

↑ ↓ ← → OK ESC

Engine Oil Life Reset

Input

Execu...

Current value:0%
Input value:0%

1/2 ↑ ↓ ← → OK ESC

Engine Oil Life Reset

OK

Delete

0

1

2

3

4

please input a decimal number, minimum value:0
max: 100

3/12 ↑ ↓ ← → OK ESC

Engine Oil Life Reset

OK

Delete

0

1

2

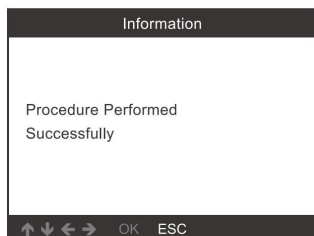
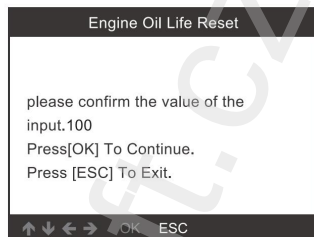
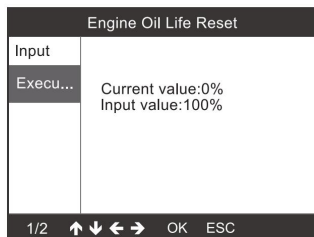
3

4

100

please input a decimal number, minimum value:0
max: 100

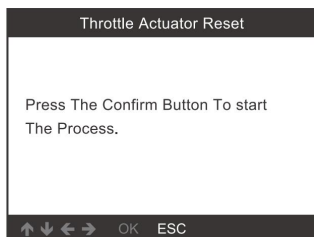
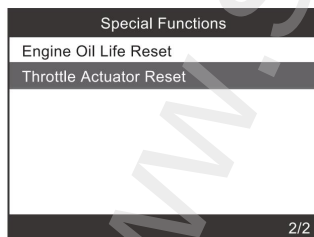
3/12 ↑ ↓ ← → OK ESC

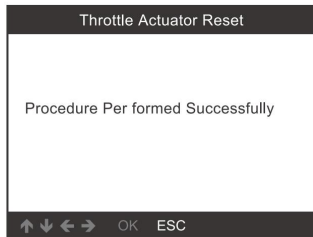
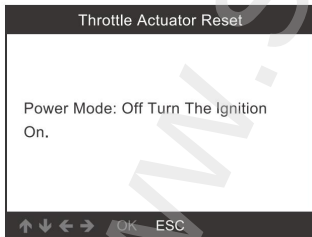
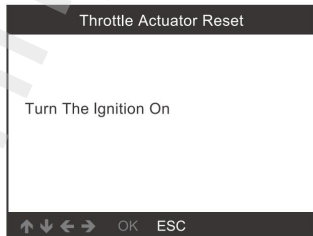
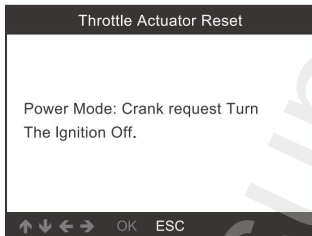
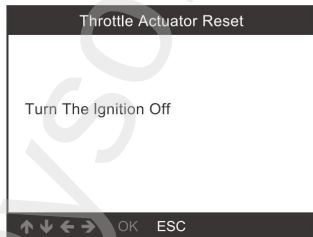
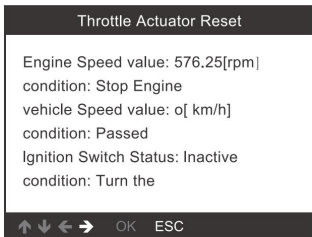
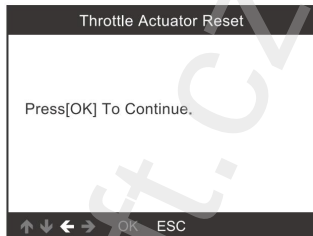
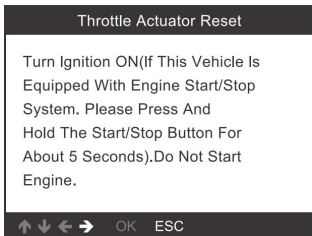


2.2.2 Funkcja resetowania regulatora przepustnicy

Naciśnij przycisk [Resetuj funkcje] i przejdź do [Resetuj siłownik przepustnicy]. Postępuj zgodnie z instrukcjami na interfejsie, aby dokończyć przypisywanie siłownika przepustnicy.

Konkretne kroki pokazano na poniższym obrazku:





Uwaga: Funkcje specjalne mogą się różnić w zależności od modelu.

3. System OBDII

3.1 Odczyt kodów

Zapisane kody nazywane są również „kodami stałymi” lub „kodami trwałymi”.

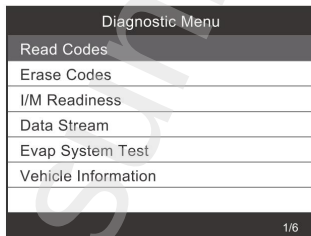
Kody te powodują zapalenie się kontrolki wielofunkcyjnej (MIL) w module sterującym w przypadku wystąpienia usterki związanej z emisją spalin.

Kody oczekujące nazywane są również „kodami zanikającymi” lub „kodami ciągłego monitorowania”.

Oznaczają one problem wykryty przez moduł sterujący podczas bieżącego lub ostatniego cyklu jazdy, ale nie jest on uważany za poważny.

Jeżeli w trakcie rozgrzewania nie wystąpi żadna usterka, kontrolka usterki nie zaświeci się, a kody błędów zostaną usunięte z pamięci.

1) Za pomocą przycisków góra/dół wybierz opcję „Odczyt kodów” z menu diagnostycznego, a następnie naciśnij Enter.



Jeżeli nie są dostępne żadne kody błędów diagnostycznych, na wyświetlaczu pojawi się komunikat „W module nie zapisano żadnych (oczekujących) kodów”.

Aby powrócić do menu diagnostycznego, odczekaj kilka sekund lub naciśnij dowolny przycisk.

2) Wyświetl kody DTC na wyświetlaczu.

DTC	
P0143	1/8
Generic	Current
O2 Sensor Circuit Low Voltage Bank 1 Sensor 3	
↑ ↓ ← → OK ESC	

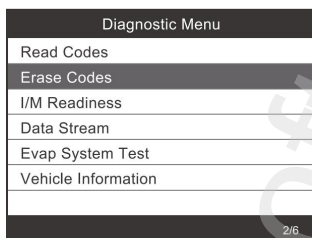
Numer modułu sterującego, kolejność DTS, całkowita liczba wykrytych kodów i typ kodu (ogólny lub określony przez producenta) będą wyświetlane w prawym górnym rogu wyświetlacza .

3.2 Usuwanie kodów

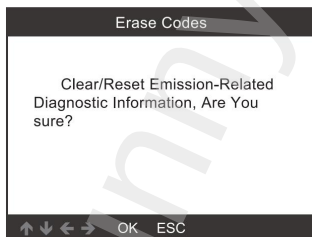
Uwaga: Z tej funkcji można korzystać przy wyłączonym silniku. Nie uruchamiaj silnika. Przed wykonaniem tej funkcji upewnij się, że odczytałeś i zapisałeś kody błędów. Po skasowaniu odczytaj je ponownie lub włącz zapłon i odczytaj ponownie. Jeśli kody błędów nadal się pojawiają, najpierw ustal przyczynę ich pojawienia się, a następnie rozwiąż problem.

Kody błędów można teraz wyczyścić.

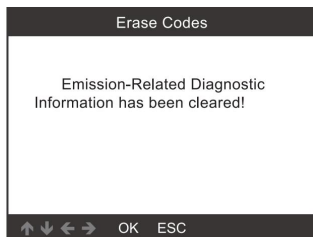
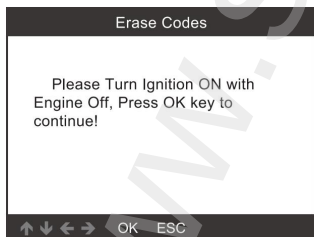
1) Za pomocą przycisków góra/dół wybierz opcję „Usuń kody” z menu diagnostycznego i naciśnij przycisk Enter.



2) Pojawi się komunikat ostrzegawczy z prośbą o potwierdzenie.



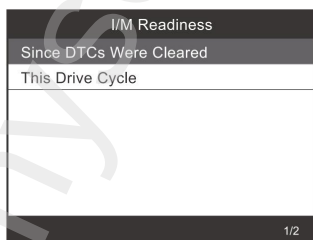
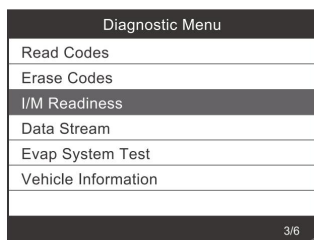
2) Potwierdź naciskając [OK].



3.3 Gotowość I/M

I/M odnosi się do inspekcji i konserwacji wymaganych przez rząd w celu spełnienia federalnych norm jakości powietrza. Gotowość I/M odnosi się do tego, czy różne systemy związane z emisją spalin pojazdu działają prawidłowo i czy są gotowe do inspekcji i konserwacji.

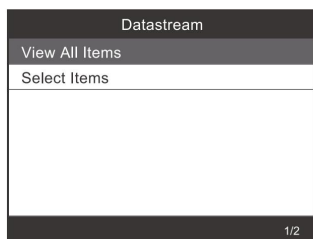
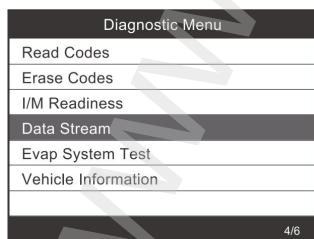
Funkcja „Monitorowanie stanu” gotowości I/M może być również używana (po wykonaniu naprawy usterki), aby potwierdzić, że naprawa została wykonana prawidłowo i/lub sprawdzić stan przebiegu monitorowania.



3.4 Przepływ danych

Skaner OBDII to specjalne urządzenie diagnostyczne, które komunikuje się z komputerem pojazdu. Umożliwia on podgląd danych „na żywo” w czasie rzeczywistym. Informacje te obejmują wartości (napięcie, obroty, temperatura, pętla prędkości, stan układu paliwowego itp.) generowane przez różne czujniki, przełączniki i siłowniki w pojeździe.

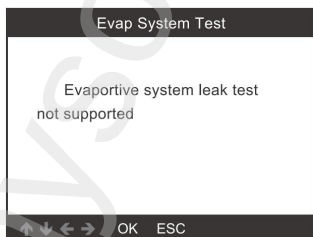
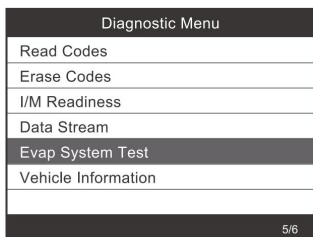
Naciśnij Enter.



3.5 Test szczelności

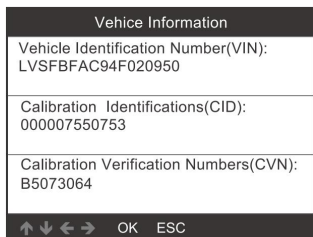
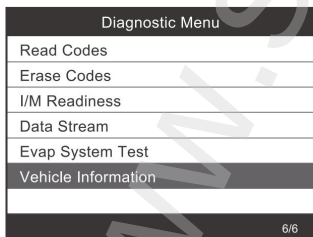
Funkcja ta pozwala stworzyć warunki niezbędne do przeprowadzenia testu szczelności układu parowania, ale nie przeprowadza samego testu. Producent pojazdu jest odpowiedzialny za ustawienie kryteriów automatycznego zatrzymania testu.

Przed wykonaniem tej czynności należy zapoznać się z instrukcją serwisową pojazdu, w której opisano niezbędne procedury.



3.6 Informacje o pojeździe

Wybierz „Informacje o pojeździe” i naciśnij „Enter”, na wyświetlaczu pojawią się numery VIN (numer identyfikacyjny pojazdu), CID (identyfikator kalibracji) i CVN (numer weryfikacyjny kalibracji).



4. Ustawienia urządzenia

4.1 Język

Wybierz [Język], zostanie wyświetlone następujące okno:

Tool Setup
Language
Beeper
Instructions(Display at startup)
Unit of Measure
Skin Style
Feedback the test result
Device Information

1/7

Language
English

1/1

4.2 Sygnał dźwiękowy

Wybierz [Beeper], zostanie wyświetlone następujące okno:

Tool Setup
Language
Beeper
Instructions(Display at startup)
Unit of Measure
Skin Style
Feedback the test result
Device Information

2/7

Beeper
OFF
ON

1/2

4.3 Instrukcje (wyświetlacz startowy)

Wybierz [Instrukcje (wyświetlane przy uruchomieniu)], aby wyświetlić następujące informacje:

Tool Setup
Language
Beeper
Instructions(Display at startup)
Unit of Measure
Skin Style
Feedback the test result
Device Information

3/7

Instructions(Display at startup)
OFF
ON

1/2

4.4 Jednostki

Wybierz [Jednostka miary], aby wyświetlić następujące informacje:

Tool Setup
Language
Beeper
Instructions(Display at startup)
Unit of Measure
Skin Style
Feedback the test result
Device Information

4/7

Unit of measure
Metric
Imperial

1/2

4.5 Kolor wyświetlacza

Wybierz [Styl skóry], aby wyświetlić następujące elementy:

Tool Setup
Language
Beeper
Instructions(Display at startup)
Unit of Measure
Skin Style
Feedback the test result
Device Information

5/7

Skin Style
Sky Gray
Gem Blue

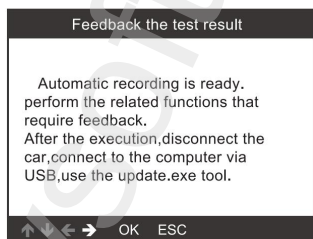
1/2

4.6 Informacja zwrotna o wynikach testów

1. W przypadku wystąpienia jakichkolwiek problemów lub błędów skorzystaj z funkcji opinii. Wybierz [Prześlij opinię o wyniku testu], aby wyświetlić następujące informacje:

Tool Setup
Language
Beeper
Instructions(Display at startup)
Unit of Measure
Skin Style
Feedback the test result
Device Information

6/7



Następnie: Naciśnij przycisk „Wyjście” kilka razy, aby powrócić do menu głównego.

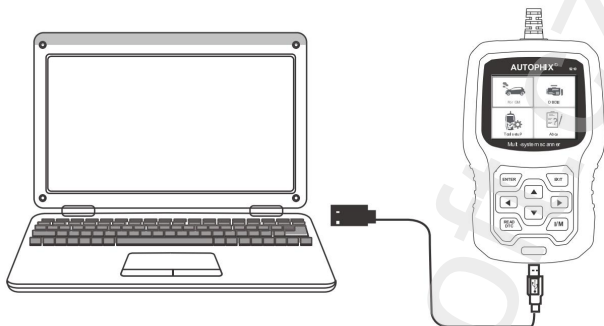
2. Na przykład: nie udało się zarejestrować wymiany baterii. Wybierz [Zarejestruj wymianę baterii] i przeprowadź rejestrację baterii (ten krok jest bardzo ważny).

Uwaga: Urządzenie należy pozostawić podłączone do pojazdu zgodnie z powyższymi krokami.

3. Po zarejestrowaniu akumulatora należy odłączyć go od pojazdu.

4. Przenieś dane na swój komputer i wygeneruj plik z opinią.

Pobierz zaktualizowany plik na swój komputer ze strony Autophix. Podłącz urządzenie do komputera kablem USB.

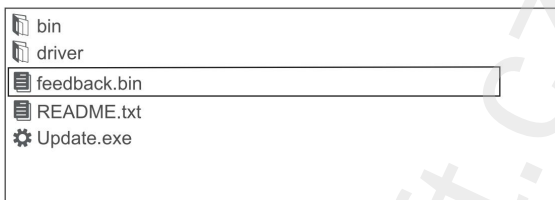


Wybierz plik [Aktualizacja], a na wyświetlaczu pojawi się następujący komunikat:



Naciśnij [Opinia], a na wyświetlaczu pojawi się następujący komunikat:

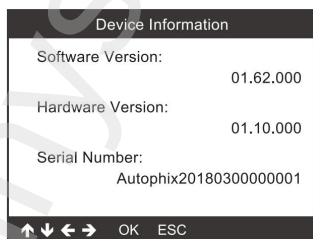
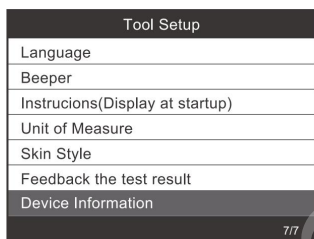




Proszę przesłać plik opinii feedback.bin na adres support@autophix.com.

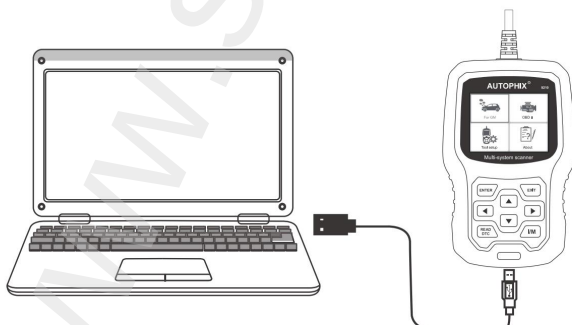
4.7 Informacje o urządzeniu

Wybierz [Informacje o urządzeniu], aby wyświetlić następujące informacje:



5. Aktualizacja

Podłącz urządzenie do komputera za pomocą kabla USB .



- 1) Po aktualizacji systemu dostępne są tylko systemy Windows 7/8/10 utrzymany.
- 2) Możliwość bezpośredniej aktualizacji do systemów Windows 8 i 10.
- 3) W przypadku systemu Windows 7 oprogramowanie sterownika jest instalowane w komputery.

Uwaga: powyższe wyniki mają charakter przykładowy; rzeczywiste wyniki można uzyskać na rzeczywistym pojeździe testowym.

Dystrybutor
Sunnysoft sro
Kovanecká 2390/1a
190 00 Praga 9
Czechy
www.sunnysoft.cz

AUTOPHIX[®]

UPORABNIŠKI PRIROČNIK

9210



Varnostni ukrepi

Pred prvo uporabo to natančno preberite.

priročnik. Priročnik shranite za poznejšo uporabo. V nasprotnem primeru obstaja nevarnost poškodb ali škode na vozilu.

- Testiranje izvajajte v varnem in dobro prezračevanem prostoru.

okolje.

- Naprave ne poskušajte upravljati ali nadzorovati med vožnjo.

- Upravljanje ali opazovanje naprave moti voznika in lahko povzroči smrtno nesrečo.

- Zaščitite si oči in nosite ustrezno zaščitno opremo ter očala (standard ANSI).

- Oblačila, lase, roke, orodje, preskusno opremo itd. držite stran od vseh gibljivih ali vročih delov motorja.

- Vozilo upravljajte v dobro prezračevanem prostoru.

Izpušni plini in hlapi so strupeni.

- Prestavite menjalnik v parkirni položaj (za avtomatsko menjalnik) ali nevtrarno (ročni menjalnik) in preverite, ali je parkirna zavora zategnjena.

- Napravo hranite suho, čisto in brez olja/vode ali masti.

Po potrebi očistite zunanost skenirne naprave z blagim detergentom.

Nasvet: Pred uporabo naprave jo vstavite v vozilo. Nato zaženite vozilo.

O modelu 9210

1. Združljivost

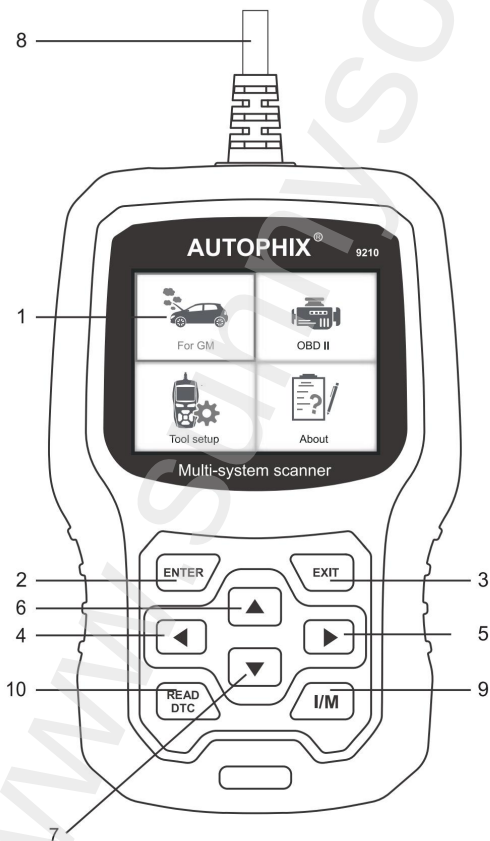
1) 9210 deluje na večini ameriških, evropskih in azijskih vozil, ki so bila izdana po letu dni in so skladna z OBDII. 1996.

2) Podpira te avtomobile od leta 1996 do danes: Buick, Cadillac, Chevrolet, Daewoo, GMC, Hummer Holden, Oldsmobile, Pontiac Saturn. Deluje na vseh sistemih, kot so motor, menjalnik, ABS in zračna blazina itd.

3) Podpira avtomobile Chevrolet, GMC, Hummer od leta 1996 do danes.

2. Specifikacije izdelka 2,8-
palčni LCD, 320 x 240 slikovnih pik, barvni zaslon
Delovna napetost: 8-18 V
Delovna temperatura: 0-60 °C (32-140 °F)
Temperatura shranjevanja: -20-70 °C (4-158 °F)

3. Opis naprave



1. LCD-zaslon - prikaz rezultatov meritev, osvetlitev ozadja, 320 x 240 slikovnih pik.
2. Gumb ENTER – potrjuje izbiro menija.
3. Gumb IZHOD – prekliče izbiro menija ali se vrne v meni.
4. Levi gumb - premikanje po meniju in pod menijem na levi, med ogledovanjem podatkov, uporabite gumb za prehod na zadnji zaslon.
5. Desni gumb - premikanje po meniju in pod menijem desno, med ogledovanjem podatkov uporabite gumb za premik na naslednji zaslon.
6. Gumb Gor – pomik navzgor po meniju in podmeniju; pri obnavljanju podatkov za več kot en zaslon se pomik navzgor uporabi za premik na prejšnji zaslon.
7. Gumb navzdol – pomik navzdol v meniju in pod meni, ko Če želite obnoviti podatke za več kot en zaslon, se pomaknete navzdol, da se premaknete na naslednji zaslon.
8. 16-pinski OBD priključek – napravo priključite v podatkovni priključek (DLC) vozila.
9. Gumb I/M – hitro preverjanje stanja pripravljenosti za emisije in preverjanje voznega cikla.
10. Gumb READ DTC - hitro branje kod napak.

I/M Readiness			
IGN	Spark	DTC	0
MIL		PdDTC	0
MIS	⊘	EVAP	⊘
FUE	✓	AIR	⊘
CCM	✓	O2S	✗
CAT	✓	HTR	✗
HCAT	⊘	EGR	⊘

Komentar:

MIL rumena - kontrolna lučka na armaturni plošči sveti

MIL siva - MIL na armaturni plošči IZKLOPLJEN

⊘ - ne podpira

✓ - popolno

✗ - ni popolno

Navodila za uporabo

1. Priključek 9310

1.1 Vklopite kontakt .

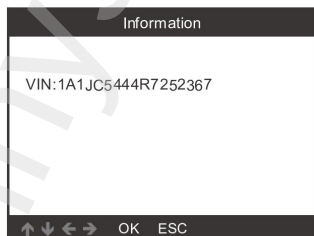
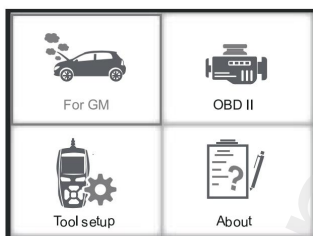
1.2 Poiščite 16-pinski priključek (priključek za podatkovno povezavo (DLC)).

2. Funkcije 9210

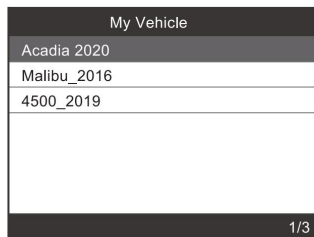
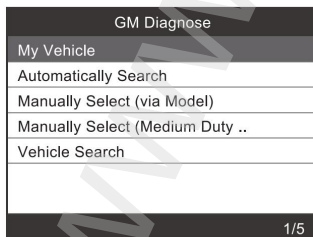
2.1 Za GM

Izberite [Za GM] in VIN koda vozila bo samodejno prebrana.

Na naslednji način:



2.1.1 Za nadaljevanje pritisnite [V redu]. V meniju [Moje vozilo] ima sistem lahko do tri modele. Model avtomobila lahko vnaprej shranite v izdelku. Prihranite čas tako, da v naslednjem preizkusu neposredno izberete ustrezni model.



2.1.2 V meniju [Samodejno iskanje] lahko ime vozila in leto izdelave prepoznate po VIN kodi.

GM Diagnose
My Vehicle
Automatically Search
Manually Select (via Model)
Manually Select (Medium Duty ..
Vehicle Search
2/5

VIN
1A1JC5444R7252367
Is The VIN Correct?
↑ ↓ ← → OK ESC

Automatically Search
Fast Enter Don't Support This Vehicle, Please Select Menu To Enter.
↑ ↓ ← → OK ESC

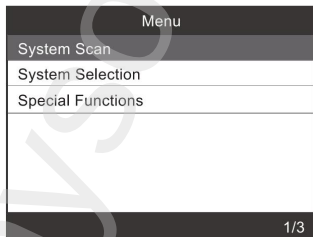
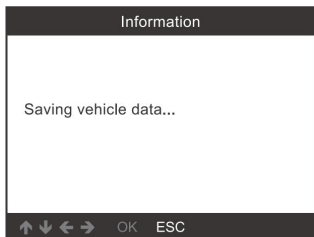
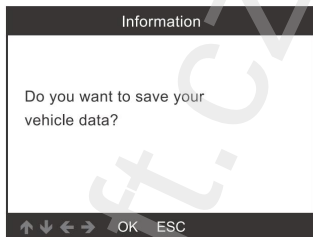
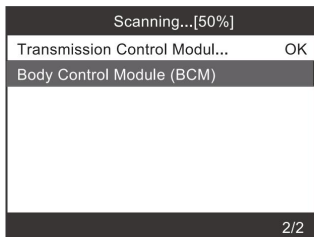
2.1.3 V meniju [Ročna izbira (prek modela)] bo prikazano naslednje:

GM Diagnose
My Vehicle
Automatically Search
Manually Select (via Model)
Manually Select (Medium Duty ..
Vehicle Search
3/5

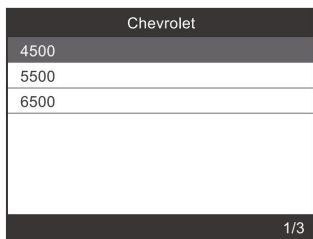
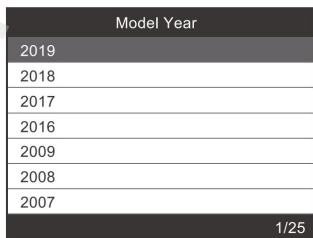
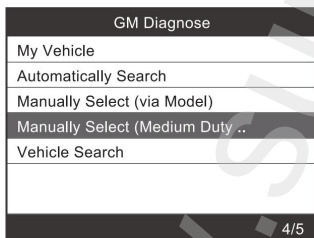
Select Brand
Chevrolet
Buick
Cadillac
GMC
Alpheon
Ravon
Pontiac
1/13

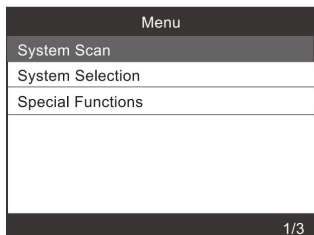
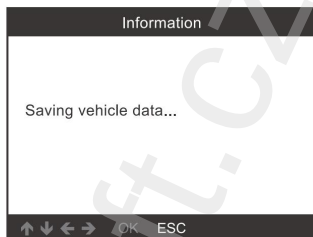
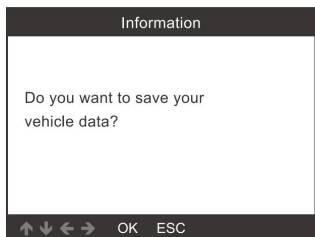
Model Year
2020
2019
2018
2017
2016
2015
2014
1/25

Select Series
Aveo
Beat
Bolt
Camaro
Cavalier
Cobalt
Colorado
1/34

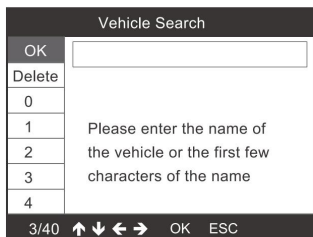


2.1.4 V meniju [Ročna izbira (srednje teška tovorna vozila)] bodo prikazane naslednje informacije:

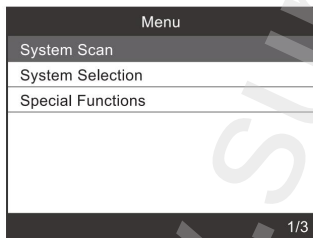
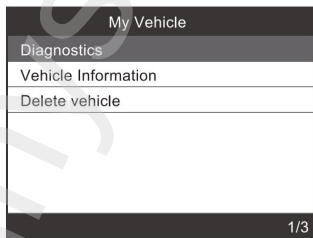
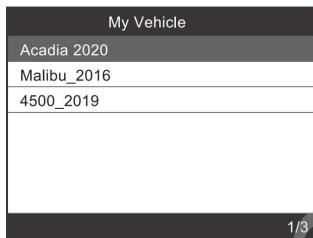
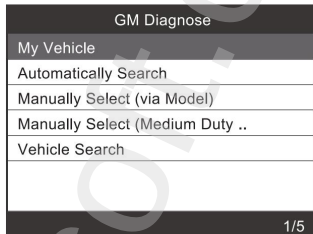




2.1.5 V meniju [Iskanje vozil] se prikaže naslednje:



2.1.6 Z zgornjimi metodami, po shranjevanju vozila, vstopite v naslednji vmesnik prek [Moje vozilo].



Kliknite [V redu] za vstop v način [skeniranje sistema]. Po samodejnem skeniranju bo okvarjen sistem prikazan rdeče. Po vstopu v okvarjen sistem se bo prikazala naslednja vsebina:

Scanning ... [20%]	
Engine Control Module (ECM)	4
Transmission Control Module	
1/2	

Scanning ... [50%]	
Engine Control Module (ECM)	4
Electronic Brake Control M..	OK
Power Steering Control Mo...	1
Body Control Module (BCM)	
1/4	

GM Diagnose	
Engine Control Module (ECM)	4
Transmission Control Module	OK
Transmission Control Module	1
1/3	

Function Menu	
Module Information	
Read Fault Code	
Clear Fault Code	
Read Data Stream	
1/4	

Vnesite [Informacije o modulu] in prikazalo se bo naslednje:

Datastream	
View All Items	
Select Items	
1/2	

Datastream	
vehicle Identification Number (VIN)	KL3TF48E9 EB515662
Base Model Part Number	080102AA
Base Model Part Number Alpha code	N/A
End Model Part Number	16777215
Boot software Part Number-	N/A
1/4	

Izberite [Izberi elemente] in pritisnite [V redu], kot sledi:

Datastream	
View All Items	
Select Items	
2/2	

Datastream	
[]	All Datastream of Page
[]	Air conditioning (Aic)compressor clutch Relay
[]	Air conditioning (Alc)compressor operation
[]	Accessory
[]	Air Fuel Equi valence Ratio command[:1]
1~4/58	

Za pomikanje med stranmi pritisnite gumba [LEVO] in [DESNO].

Za izbiro enega za drugim pritisnite gumba [GOR] in [DOL].

Pritisnite [OK] za izbiro podatkovnega toka.

Pritisnite [ESC] za branje podatkovnega toka.

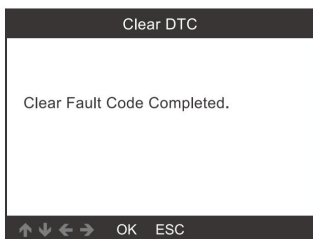
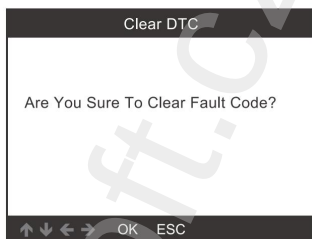
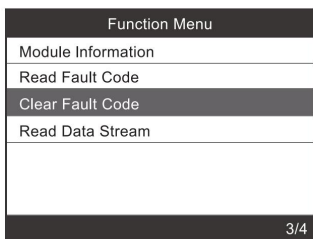
Vnesite [Preberi kodo napake] in prikazalo se bo naslednje:

Function Menu	
Module Information	
Read Fault Code	
Clear Fault Code	
Read Data Stream	
2/4	

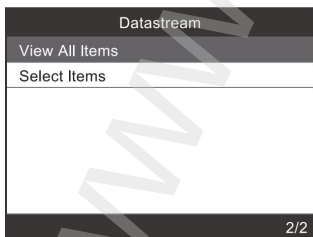
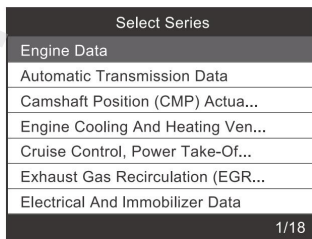
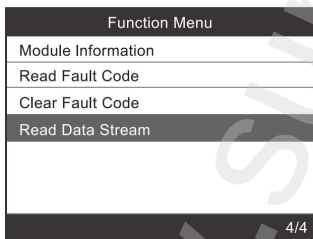
Function Menu	
DTC Display	
1/1	

02-Read Fault Codes	
F1190102	1/4
The fault code is not found in the database	
↑ ↓ ← → OK ESC	

Vnesite [Preberi kodo napake] in prikazalo se bo naslednje:



Vnesite [Preberi podatkovni tok] in prikazalo se bo naslednje:



Vnesite [Izbira sistema] in prikazalo se bo naslednje:

Menu
System Scan
System Selection
Special Functions
2/3

System Menu
Engine Control Module (ECM)
Electronic Brake Control Modul...
Power Steering Control Module...
Body Control Module (BCM)
Inflatable Restraint Sensing An...
Radio/HVAC Controls (RHC)
1/6

Function Menu
Module Information
Read Fault Code
Clear Fault Code
Read Data Stream
1/4

Vnesite [Preberi podatkovni tok] in prikazalo se bo naslednje:

2.2 Posebne funkcije

Po vnosu [Posebne funkcije] se prikaže naslednje:

Menu
System Scan
System Selection
Special Functions
3/3

System Functions
Reset Functions
Automated Brake Bleed
Battery Sensor Module Learn
Idle Learn
Steering Wheel Angle Sensor L...
Steering Wheel Angle Sensor R...
Steering Wheel Angle Sensor C...
1/9

2.2.1 Ponastavitev življenjske dobe motornega olja

Pritisnite gumb [Ponastavi funkcije] in pojdite na [Ponastavitev življenjske dobe motornega olja]. Sledite navodilom na vmesniku, da dokončate ponastavitev

življenjske dobe motornega olja.

Specifični koraki so naslednji:

Special Functions

Engine Oil Life Reset

Throttle Actuator Reset

1/2

Information

Turn Ignition ON(If This Vehicle Is Equipped With Engine Start/Stop System. Please Press And Hold The Start/Stop Button For About 5 Seconds). Do Not Start Engine.

↑ ↓ ← → OK ESC

Information

Press[OK] To Continue.

↑ ↓ ← → OK ESC

Engine Oil Life Reset

Input

Execu...

Current value:0%
Input value:0%

1/2 ↑ ↓ ← → OK ESC

Engine Oil Life Reset

OK

Delete

0

1

2

3

4

please input a decimal number, minimum value:0
max: 100

3/12 ↑ ↓ ← → OK ESC

Engine Oil Life Reset

OK

Delete

0

1

2

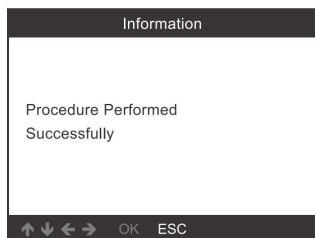
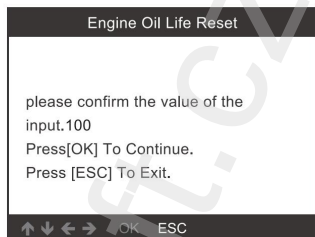
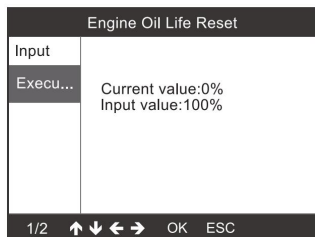
3

4

100

please input a decimal number, minimum value:0
max: 100

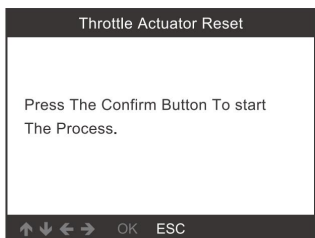
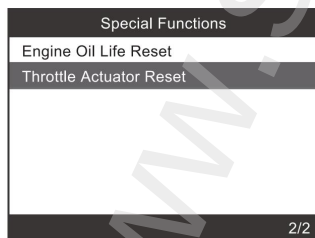
3/12 ↑ ↓ ← → OK ESC

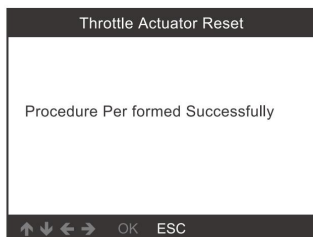
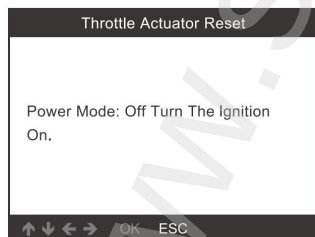
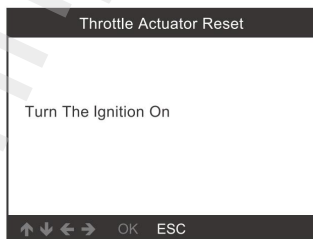
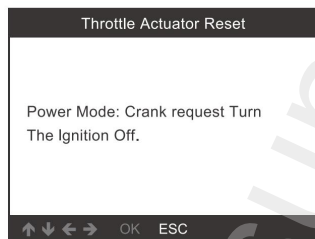
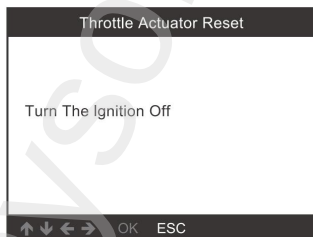
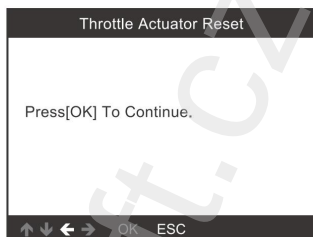
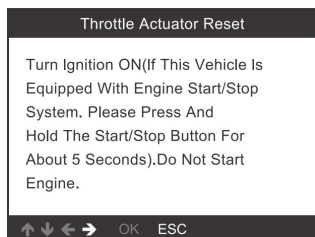


2.2.2 Funkcija ponastavitve regulatorja plina

Pritisnite gumb [Ponastavi funkcije] in pojdite na [Ponastavitev aktuatorja plina]. Sledite navodilom na vmesniku, da dokončate dejanje dodelitve aktuatorja plina.

Konkretni koraki so prikazani na spodnji sliki:





Opomba: Posebne funkcije se lahko razlikujejo od modela do modela.

3. Sistem OBDII

3.1 Branje kod

Shranjene kode so znane tudi kot "fiksne kode" ali "trajne kode".

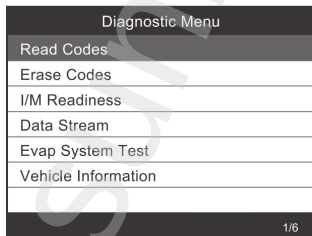
Zaradi teh kod se v krmilnem modulu prižge večfunkcijska kontrolna lučka (MIL), ko pride do napake, povezane z emisijami.

Čakajoče kode se imenujejo tudi "kode bledenja" ali "kode neprekinjenega spremljanja".

Označujejo težavo, ki jo je krmilni modul zaznal med trenutnim ali zadnjim voznim ciklom, vendar se ne šteje za resno.

Če med naslednjim ogrevanjem ne pride do okvare, lučka indikatorja okvare ne bo zasvetila in kode napak bodo izbrisane iz pomnilnika.

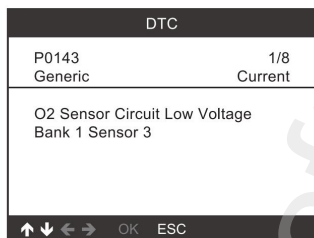
1) Z gumboma gor/dol izberite »Preberi kode« v diagnostičnem meniju in nato pritisnite Enter.



Če ni na voljo nobenih diagnostičnih kod napak, se na zaslonu prikaže sporočilo »V modulu ni shranjenih (čakajočih) kod«.

Počakajte nekaj sekund ali pritisnite kateri koli gumb, da se vrnete v diagnostični meni.

2) Prikažite diagnostične kode napak (DTC) na zaslonu.



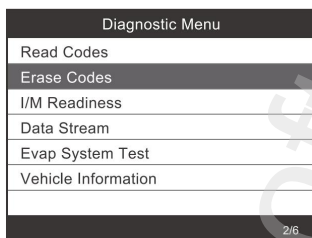
V zgornjem desnem kotu zaslona bodo prikazani številka krmilnega modula, vrstni red DTS, skupno število zaznanih kod in vrsta kode (generična ali specifična za proizvajalca) .

3.2 Brisanje kod

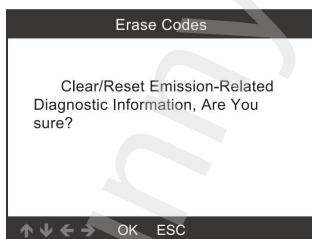
Opomba: To funkcijo lahko uporabljate pri ugasnjenem motorju. Ne zaganjajte motorja. Preden izvedete to funkcijo, se prepričajte, da ste prebrali in zabeležili kode napak. Po brisanju ponovno preberite kode napak ali vklopite kontakt in ponovno preberite kode. Če se kode napak še naprej pojavljajo, najprej ugotovite vzrok kode napake in nato odpravite težavo.

Kode napak je zdaj mogoče izbrisati.

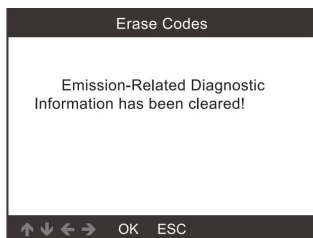
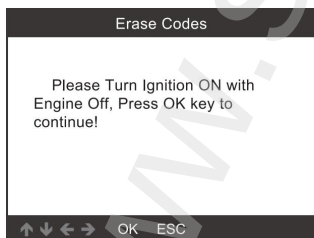
1) Z gumboma gor/dol izberite »Izbriši kode« v diagnostičnem meniju in pritisnite gumb Enter.



2) Prikazalo se bo opozorilo, ki bo zahtevalo potrditev.



2) Potrdite s pritiskom na [V redu].



3.3 Pripravljenost na I/M

Pripravljenost na pregled in vzdrževanje se nanaša na preglede in vzdrževanje, ki jih je predpisala vlada za izpolnjevanje zveznih standardov kakovosti zraka. Pripravljenost na pregled in vzdrževanje se nanaša na to, ali različni sistemi vozila, povezani z emisijami, delujejo pravilno in so pripravljeni na pregled in vzdrževanje.

Uporabite lahko tudi funkcijo »Spremljanje stanja« pripravljenosti I/M (po popravilu napake) za potrditev, da je bilo popravilo pravilno izvedeno in/ali za preverjanje stanja nadzornega delovanja.

Diagnostic Menu	
Read Codes	
Erase Codes	
I/M Readiness	
Data Stream	
Evap System Test	
Vehicle Information	
3/6	

I/M Readiness	
Since DTCs Were Cleared	
This Drive Cycle	
1/2	

3.4 Pretok podatkov

Diagnostični sistem OBDII je posebna diagnostična naprava, ki komunicira z računalnikom vozila. Diagnostični sistem vam omogoča ogled podatkov v realnem času. Te informacije vključujejo vrednosti (napetost, vrtljaji, temperatura, hitrostna zanka, stanje sistema za gorivo itd.), ki jih generirajo različni senzorji, stikala in aktuatorji v vozilu.

Pritisnite Enter.

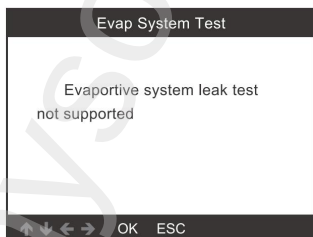
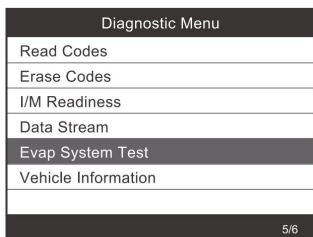
Diagnostic Menu	
Read Codes	
Erase Codes	
I/M Readiness	
Data Stream	
Evap System Test	
Vehicle Information	
4/6	

Datastream	
View All Items	
Select Items	
1/2	

3.5 Preizkus tesnosti

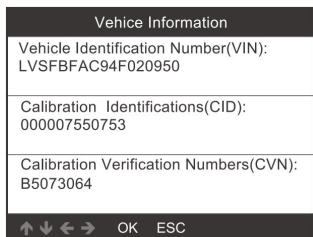
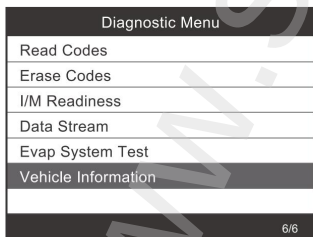
Ta funkcija omogoča ustvarjanje pogojev, potrebnih za izvedbo preizkusa tesnosti izhlapevalnega sistema, vendar dejansko ne izvede preizkusa. Proizvajalec vozila je odgovoren za določitev meril za samodejno zaustavitev preizkusa.

Preden izvedete to funkcijo, si oglejte servisni priročnik vozila za potrebne postopke.



3.6 Podatki o vozilu

Izberite »Informacije o vozilu« in pritisnite »Enter«. Na zaslonu se bodo prikazali VIN (identifikacijska številka vozila), CID (kalibracijski ID) in CVN (številka za preverjanje kalibracije).



4. Nastavitve naprave

4.1 Jezik

Izberite [Jezik] in prikazalo se bo naslednje:

Tool Setup
Language
Beeper
Instructions(Display at startup)
Unit of Measure
Skin Style
Feedback the test result
Device Information

1/7

Language
English

1/1

4.2 Pisk

Izberite [Zvočnik] in prikazalo se bo naslednje:

Tool Setup
Language
Beeper
Instructions(Display at startup)
Unit of Measure
Skin Style
Feedback the test result
Device Information

2/7

Beeper
OFF
ON

1/2

4.3 Navodila (začetni prikaz)

Izberite [Navodila (prikaži ob zagonu)], da prikažete naslednje:

Tool Setup
Language
Beeper
Instructions(Display at startup)
Unit of Measure
Skin Style
Feedback the test result
Device Information

3/7

Instructions(Display at startup)
OFF
ON

1/2

4.4 enote

Izberite [Merska enota] za prikaz naslednjega:

Tool Setup
Language
Beeper
Instructions(Display at startup)
Unit of Measure
Skin Style
Feedback the test result
Device Information

4/7

Unit of measure
Metric
Imperial

1/2

4.5 Barva zaslona

Izberite [Slog kože] za prikaz naslednjega:

Tool Setup
Language
Beeper
Instructions(Display at startup)
Unit of Measure
Skin Style
Feedback the test result
Device Information

5/7

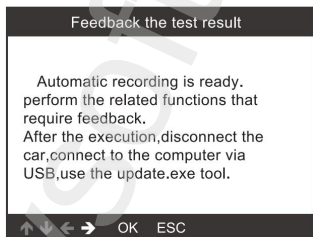
Skin Style
Sky Gray
Gem Blue

1/2

4.6 Povratne informacije o rezultatih testa

1. Če naletite na kakršne koli težave ali napake, uporabite funkcijo povratnih informacij. Izberite [Povratne informacije o rezultatu testa], da prikažete naslednje:

Tool Setup
Language
Beeper
Instructions(Display at startup)
Unit of Measure
Skin Style
Feedback the test result
Device Information
6/7



Naprej: Večkrat pritisnite gumb »Izhod«, da se vrnete v glavni meni.

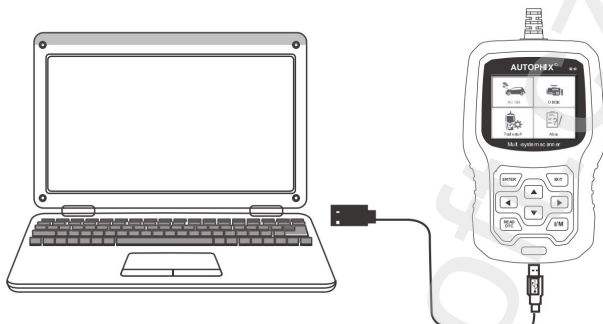
2. Na primer: registracija menjave baterije ni uspela. Izberite [Registriraj menjavo baterije] in izvedite registracijo baterije (ta korak je zelo pomemben).

Opomba: Napravo pustite priključeno na vozilo v skladu z zgornjimi koraki.

3. Po registraciji akumulatorja ga odklopite iz vozila.

4. Prenesite podatke v računalnik in ustvarite datoteko s povratnimi informacijami.

Prenesite posodobljeno datoteko v računalnik s spletnega mesta Autophix. Napravo priključite na računalnik s kablom USB.

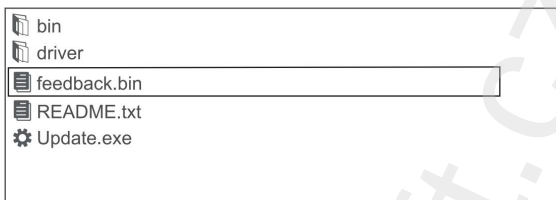


Izberite datoteko [Posodobí] in na zaslonu se bo prikazalo naslednje:



Pritisnite [Povratne informacije] in na zaslonu se bo prikazalo naslednje:

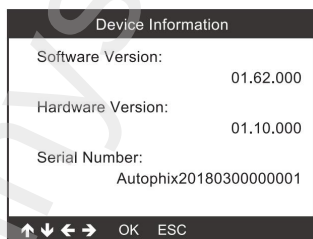
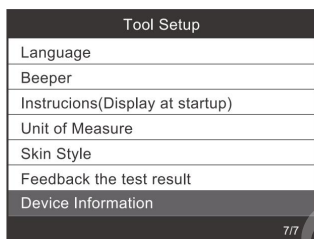




Datoteko s povratnimi informacijami feedback.bin pošljite na naslov support@autophix.com.

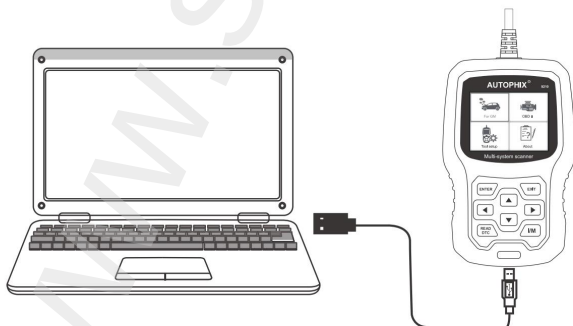
4.7 Informacije o napravi

Izberite [Informacije o napravi], da prikazete naslednje:



5. Posodobitev

Napravo priključite na računalnik s kablom USB .



- 1) Po posodobitvi sistema je na voljo samo Windows 7/8/10 podprto.
- 2) Lahko se neposredno posodobi na Windows 8 in 10.
- 3) Za Windows 7 je gonilniška programska oprema nameščena v računalniki.

Opomba: zgornji rezultati so primeri; dejanske rezultate si lahko ogledate na dejanskem testnem vozilu.

Distributer

Sunnysoft s.r.o.
Kovanecká 2390/1a

190 00 Praga 9

Češka

www.sunnysoft.cz

AUTOPHIX[®]

UPUTSTVO ZA UPOTREBU

9210



Sigurnosne mjere

Molimo vas da ovo pažljivo pročitate prije prve upotrebe. priručnik. Sačuvajte priručnik za buduću upotrebu. U suprotnom postoji opasnost od ozljeda ili oštećenja vozila.

- Testiranje provodite u sigurnom i dobro prozračenom prostoru. okoliš.

- Ne pokušavajte upravljati ili nadzirati uređaj dok vozite vozilo.

- Upravljanje ili promatranje uređaja odvlači pažnju vozača i može uzrokovati smrtonosnu nesreću.

- Zaštitite oči i nosite odgovarajuću zaštitnu opremu i naočale (ANSI standard).

- Odjeću, kosu, ruke, alate, ispitnu opremu itd. držite podalje od svih pokretnih ili vrućih dijelova motora.

- Upravljajte automobilom u dobro prozračenoj prostoriji.

Ispušni plinovi i isparenja su otrovni.

- Stavite mjenjač u parkirni položaj (za automatski mjenjač) ili neutralni (ručni mjenjač) i provjerite je li parkirna kočnica aktivirana.

- Uređaj držite suhim, čistim, bez ulja/vode ili masti.

Ako je potrebno, očistite vanjštinu uređaja za skeniranje blagim deterdžentom.

Savjet: Prije upotrebe uređaja, umetnite ga u vozilo. Zatim pokrenite vozilo.

O modelu 9210

1. Kompatibilnost

1) 9210 radi na većini OBDII kompatibilnih američkih, europskih i azijskih vozila izdanih nakon godine 1996.

2) Podržava ove automobile od 1996. do danas: Buick, Cadillac, Chevrolet, Daewoo, GMC, Hummer Holden, Oldsmobile, Pontiac Saturn. Radi na svim sustavima kao što su motor, mjenjač, ABS i zračni jastuk itd.

3) Podržava automobile Chevrolet, GMC, Hummer od 1996. do danas.

2. Specifikacije proizvoda

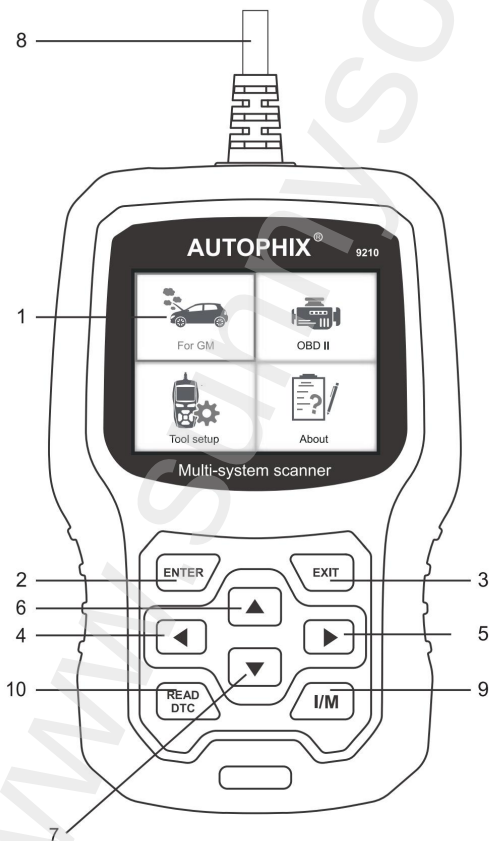
2,8-inčni LCD, 320 X 240 piksela, zaslon u boji Radni

napon: 8 - 18 V Radna

temperatura: 0 - 60 °C (32 - 140 °F)

Temperatura skladištenja: -20 - 70 °C (4 - 158 °F)

3. Opis uređaja



1. LCD zaslon - prikaz rezultata mjerenja, pozadinsko osvjetljenje, 320 x 240 piksela.
2. Tipka ENTER - potvrđuje odabir izbornika.
3. Tipka IZLAZ - poništava odabir izbornika ili vraća na izbornik.
4. Lijeva tipka - pomicanje u izborniku i ispod izbornika s lijeve strane, tijekom pregleda podataka, koristite tipku za odlazak na posljednji zaslon.
5. Desna tipka - kretanje po izborniku i ispod izbornika desno, tijekom pregleda podataka, upotrijebite gumb za prelazak na sljedeći zaslon.
6. Gumb Gore - pomicanje prema gore u izborniku i podizborniku, prilikom vraćanja podataka za više od jednog zaslona, pomicanjem prema gore vraćate se na prethodni zaslon.
7. Tipka prema dolje - pomicanje prema dolje u izborniku i ispod izbornika, kada za vraćanje podataka za više od jednog zaslona, pomaknete se prema dolje za prelazak na sljedeći zaslon.
8. 16-pinski OBD konektor - priključite uređaj u Data Link konektor (DLC) vozila.
9. Tipka I/M - brza provjera stanja spremnosti za emisije i provjera ciklusa vožnje.
10. Tipka READ DTC - brzo očitavanje kodova grešaka.

I/M Readiness			
IGN	Spark	DTC	0
MIL		PdDTC	0
MIS	⊘	EVAP	⊘
FUE	✓	AIR	⊘
CCM	✓	O2S	✗
CAT	✓	HTR	✗
HCAT	⊘	EGR	⊘

Komentar:

Žuta lampica MIL - MIL na instrumentnoj ploči upaljen
MIL siva - MIL na nadzornoj ploči isključen

⊘ - ne podržava

✓ - dovršeno

✗ - nije dovršeno

Upute za uporabu

1. Veza 9310

1.1 Uključite paljenje.

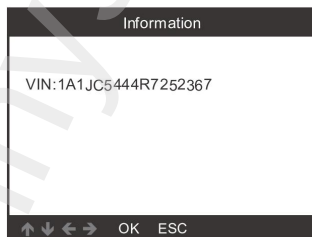
1.2 Pronađite 16-pinski konektor (konektor za podatkovnu vezu (DLC)).

2. Značajke 9210

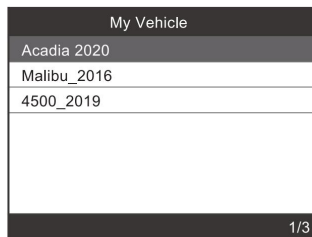
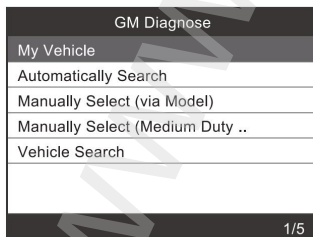
2.1 Za GM

Odaberite [Za GM] i VIN kod vozila će se automatski pročitati.

Na sljedeći način:



2.1.1 Pritisnite [OK] za nastavak. U izborniku [Moje vozilo] sustav može imati do tri modela. Model automobila možete unaprijed spremirati u proizvod. Možete uštedjeti vrijeme izravnim odabirom odgovarajućeg modela u sljedećem testu.



2.1.2 U izborniku [Automatsko pretraživanje], naziv vozila i godina proizvodnje mogu se identificirati pomoću VIN koda.

GM Diagnose
My Vehicle
Automatically Search
Manually Select (via Model)
Manually Select (Medium Duty ..
Vehicle Search

2/5

VIN
1A1JC5444R7252367
Is The VIN Correct?

↑ ↓ ← → OK ESC

Automatically Search
Fast Enter Don't Support This Vehicle, Please Select Menu To Enter.

↑ ↓ ← → OK ESC

2.1.3 U izborniku [Ručni odabir (preko modela)] prikazat će se sljedeće:

GM Diagnose
My Vehicle
Automatically Search
Manually Select (via Model)
Manually Select (Medium Duty ..
Vehicle Search

3/5

Select Brand
Chevrolet
Buick
Cadillac
GMC
Alpheon
Ravon
Pontiac

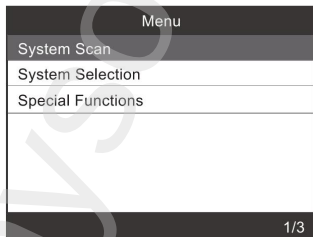
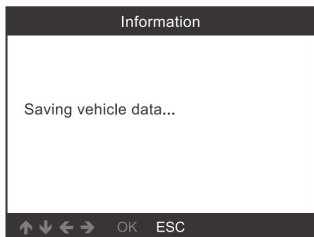
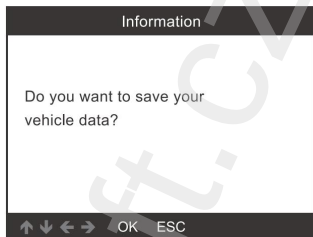
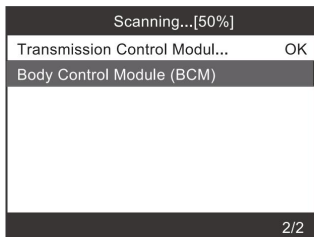
1/13

Model Year
2020
2019
2018
2017
2016
2015
2014

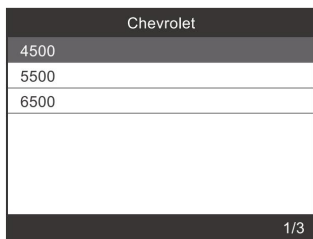
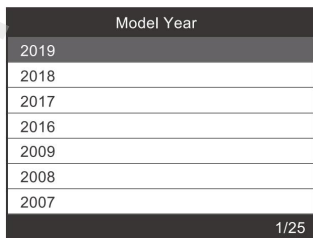
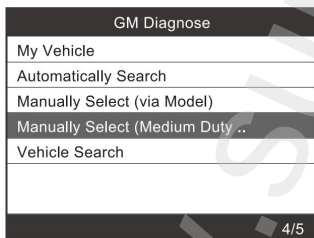
1/25

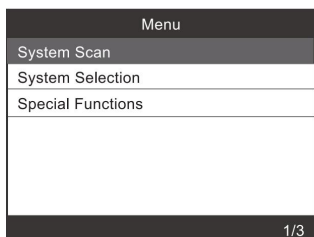
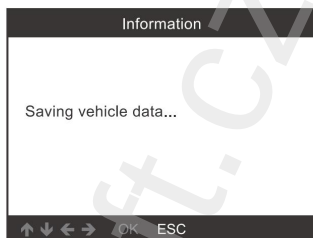
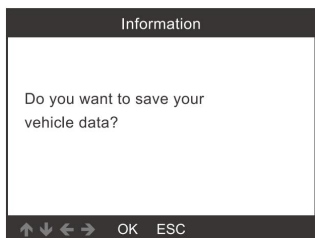
Select Series
Aveo
Beat
Bolt
Camaro
Cavalier
Cobalt
Colorado

1/34

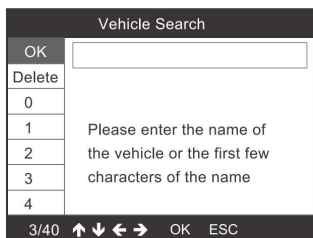
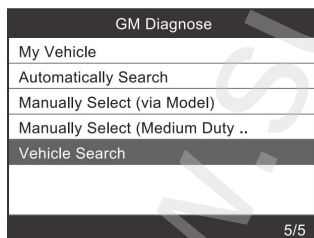


2.1.4 Sljedeće informacije bit će prikazane u izborniku [Ručni odabir (kamion srednje težine)]:

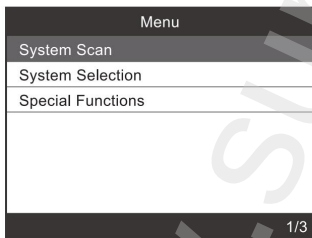
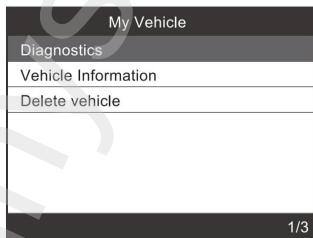
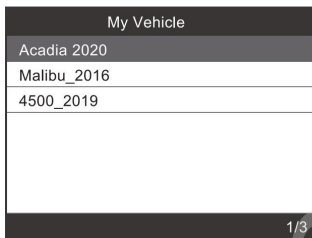
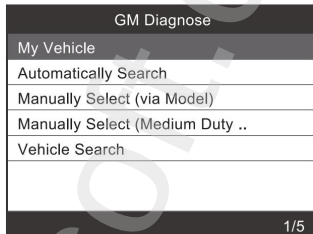




2.1.5 U izborniku [Traženje vozila] prikazuje se sljedeće:



2.1.6 Nakon spremanja vozila, putem gore navedenih metoda, uđite u sljedeće sučelje putem [Moje vozilo].



Kliknite [OK] za ulazak u način rada [skeniranje sustava]. Nakon automatskog skeniranja, neispravan sustav bit će prikazan crvenom bojom. Nakon ulaska u neispravan sustav, prikazat će se sljedeći sadržaj:

Scanning ... [20%]	
Engine Control Module (ECM)	4
Transmission Control Module	
1/2	

Scanning ... [50%]	
Engine Control Module (ECM)	4
Electronic Brake Control M..	OK
Power Steering Control Mo...	1
Body Control Module (BCM)	
1/4	

GM Diagnose	
Engine Control Module (ECM)	4
Transmission Control Module	OK
Transmission Control Module	1
1/3	

Function Menu	
Module Information	
Read Fault Code	
Clear Fault Code	
Read Data Stream	
1/4	

Unesite [Informacije o modulu], prikazat će se sljedeće:

Datastream	
View All Items	
Select Items	
1/2	

Datastream	
vehicle Identification Number (VIN)	KL3TF48E9 EB515662
Base Model Part Number	080102AA
Base Model Part Number Alpha code	N/A
End Model Part Number	16777215
Boot software Part Number-	N/A
1/4	

Odaberite [Odaberi stavke] i pritisnite [U redu] na sljedeći način:

Datastream	
View All Items	
Select Items	
2/2	

Datastream	
[]	All Datastream of Page
[]	Air conditioning (Aic)compressor clutch Relay
[]	Air conditioning (Alc)compressor operation
[]	Accessory
[]	Airl Fuel Equi valence Ratio command[:1]
1~4/58	

Za pomicanje između stranica pritisnite tipke [LIJEVO] i [DESNO].

Pritisnite tipke [GORE] i [DOLJE] za odabir jednu po jednu.

Pritisnite [OK] za odabir podatkovnog toka.

Pritisnite [ESC] za čitanje podatkovnog toka.

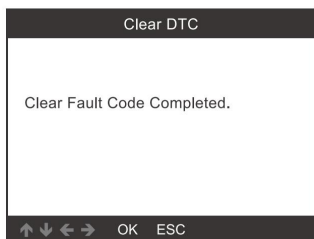
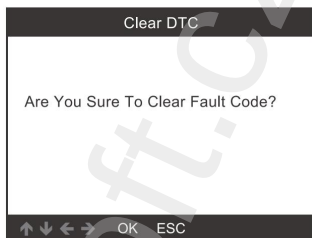
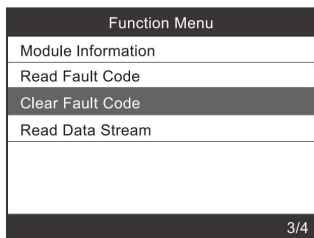
Unesite [Pročitaj kod greške], prikazat će se sljedeće:

Function Menu	
Module Information	
Read Fault Code	
Clear Fault Code	
Read Data Stream	
2/4	

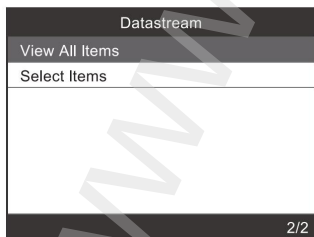
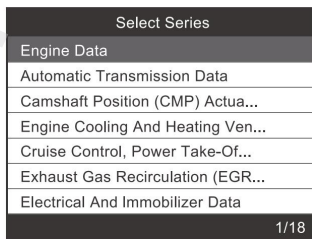
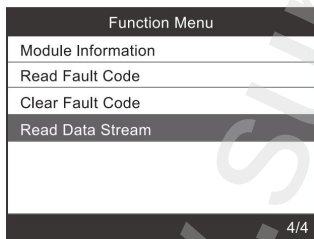
Function Menu	
DTC Display	
1/1	

02-Read Fault Codes	
F1190102	1/4
The fault code is not found in the database	
↑ ↓ ← → OK ESC	

Unesite [Pročitaj kod greške], prikazat će se sljedeće:



Uđite u [Čitaj tok podataka], prikazat će se sljedeće:



Uđite u [Odabir sustava], prikazat će se sljedeće:

Menu
System Scan
System Selection
Special Functions
2/3

System Menu
Engine Control Module (ECM)
Electronic Brake Control Modul...
Power Steering Control Module...
Body Control Module (BCM)
Inflatable Restraint Sensing An...
Radio/HVAC Controls (RHC)
1/6

Function Menu
Module Information
Read Fault Code
Clear Fault Code
Read Data Stream
1/4

Uđite u [Čitaj tok podataka], prikazat će se sljedeće:

2.2 Posebne funkcije

Nakon ulaska u [Posebne funkcije], prikazuje se sljedeće:

Menu
System Scan
System Selection
Special Functions
3/3

System Functions
Reset Functions
Automated Brake Bleed
Battery Sensor Module Learn
Idle Learn
Steering Wheel Angle Sensor L...
Steering Wheel Angle Sensor R...
Steering Wheel Angle Sensor C...
1/9

2.2.1 Resetiranje vijeka trajanja motornog ulja

Pritisnite gumb [Resetiraj funkcije] i idite na [Resetiranje vijeka trajanja motornog ulja]. Slijedite upute na sučelju za dovršetak resetiranja vijeka trajanja motornog ulja.

Konkretni koraci su sljedeći:

Special Functions

Engine Oil Life Reset

Throttle Actuator Reset

1/2

Information

Turn Ignition ON(If This Vehicle Is Equipped With Engine Start/Stop System. Please Press And Hold The Start/Stop Button For About 5 Seconds). Do Not Start Engine.

↑ ↓ ← → OK ESC

Information

Press[OK] To Continue.

↑ ↓ ← → OK ESC

Engine Oil Life Reset

Input

Execu...

Current value:0%
Input value:0%

1/2 ↑ ↓ ← → OK ESC

Engine Oil Life Reset

OK

Delete

0

1

2

3

4

please input a decimal number, minimum value:0
max: 100

3/12 ↑ ↓ ← → OK ESC

Engine Oil Life Reset

OK

Delete

0

1

2

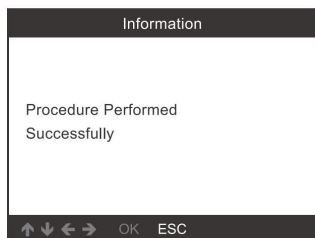
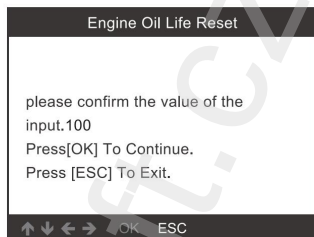
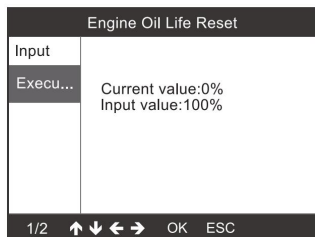
3

4

100

please input a decimal number, minimum value:0
max: 100

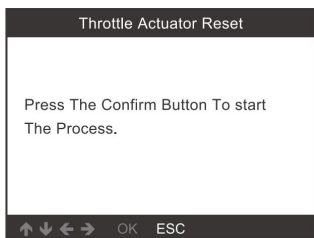
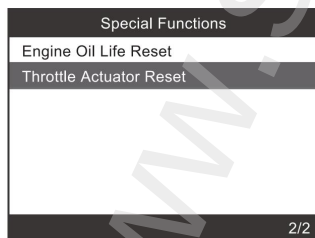
3/12 ↑ ↓ ← → OK ESC

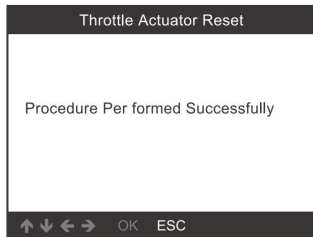
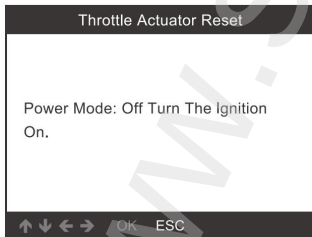
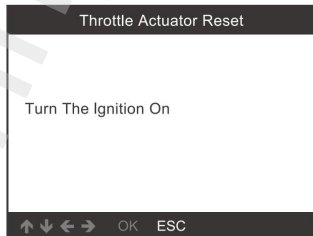
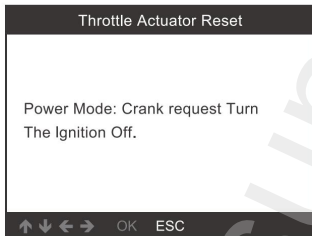
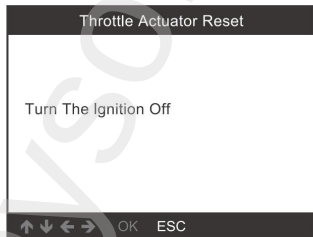
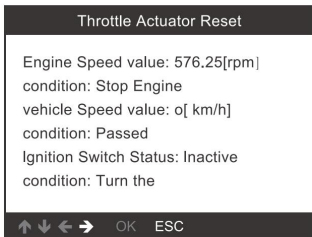
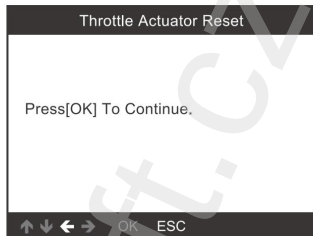
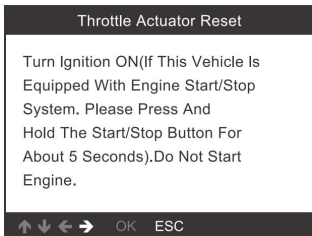


2.2.2 Funkcija resetiranja regulatora gasa

Pritisnite gumb [Reset Functions] i idite na [Throttle Actuator Reset]. Slijedite upute na sučelju za dovršetak radnje dodjeljivanja aktuatora gasa.

Konkretni koraci prikazani su na slici ispod:





Napomena: Posebne značajke mogu se razlikovati od modela do modela.

3. OBDII sustav

3.1 Čitanje kodova

Pohranjeni kodovi poznati su i kao "fiksni kodovi" ili "trajni kodovi".

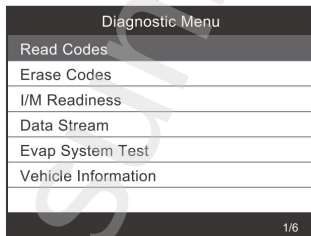
Ovi kodovi uzrokuju paljenje višenamjenske kontrolne lampice (MIL) u upravljačkom modulu kada se dogodi kvar povezan s emisijama.

Kodovi na čekanju nazivaju se i "kodovi blijeđenja" ili "kodovi kontinuiranog praćenja".

Oni ukazuju na problem koji je upravljački modul otkrio tijekom trenutnog ili posljednjeg ciklusa vožnje, ali se ne smatra ozbiljnim.

Ako se tijekom sljedećeg razdoblja zagrijavanja ne pojavi kvar, lampica indikatora kvara neće svijetliti i kodovi će se izbrisati iz memorije.

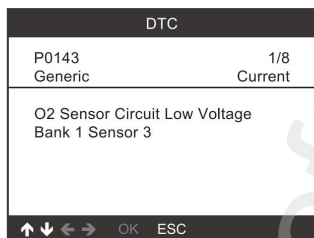
1) Pomoću tipke gore/dolje odaberite "Pročitaj kodove" iz dijagnostičkog izbornika, a zatim pritisnite Enter.



Ako nema dostupnih dijagnostičkih kodova grešaka, na zaslonu će se pojaviti poruka " U modulu nisu pohranjeni (čekajući) kodovi grešaka" .

Pričekajte nekoliko sekundi ili pritisnite bilo koju tipku za povratak u dijagnostički izbornik.

2) Prikažite DTC-ove na zaslonu.



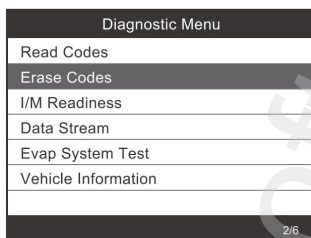
Broj upravljačkog modula, DTS redoslijed, ukupan broj otkrivenih kodova i vrsta koda (generički ili specifičan za proizvođača) bit će prikazani u gornjem desnom kutu zaslona .

3.2 Brisanje kodova

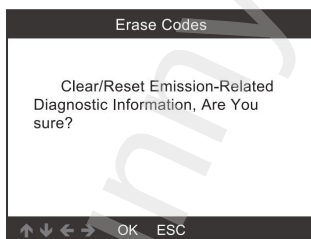
Napomena: Ova se funkcija može koristiti s isključenim motorom. Ne pokrećite motor. Prije izvođenja ove funkcije provjerite jeste li pročitali i zabilježili kodove grešaka. Nakon brisanja, ponovno pročitajte kodove grešaka ili uključite paljenje i ponovno pročitajte kodove. Ako se kodovi grešaka i dalje pojavljuju, prvo utvrdite uzrok koda grešaka, a zatim riješite problem.

Kodovi grešaka sada se mogu izbrisati.

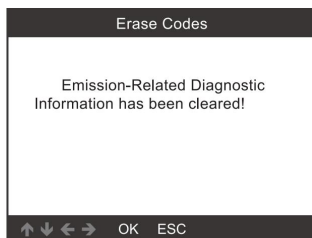
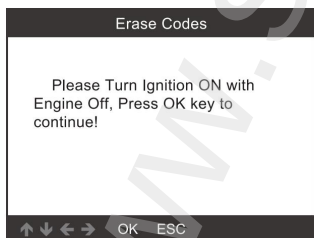
1) Pomoću tipke gore/dolje odaberite "Izbriši kodove" iz dijagnostičkog izbornika i pritisnite tipku Enter.



2) Pojavit će se poruka upozorenja s upitom za potvrdu.



2) Potvrdite pritiskom na [OK].



3.3 Spremnost za I/M

I/M se odnosi na inspekciju i održavanje koje je propisala vlada kako bi se zadovoljili savezni standardi kvalitete zraka. Spremnost za I/M odnosi se na to funkcioniraju li različiti sustavi vozila povezani s emisijama ispravno i jesu li spremni za inspekciju i održavanje.

Može se koristiti i funkcija "Monitor Status" za spremnost I/M-a (nakon popravka kvara) kako bi se potvrdilo da je popravak ispravno izvršen i/ili provjerio status nadzornog rada.

Diagnostic Menu	
Read Codes	
Erase Codes	
I/M Readiness	
Data Stream	
Evap System Test	
Vehicle Information	
3/6	

I/M Readiness	
Since DTCs Were Cleared	
This Drive Cycle	
1/2	

3.4 Tok podataka

OBDI dijagnostički uređaj je poseban dijagnostički uređaj koji komunicira s računalom vozila. Alat za dijagnosticiranje omogućuje vam pregled podataka "uživo" u stvarnom vremenu. Ove informacije uključuju vrijednosti (volti, okretaji, temperatura, petlja brzine, stanje sustava goriva itd.) koje generiraju razni senzori, prekidači i aktuatori u vozilu.

Pritisnite Enter.

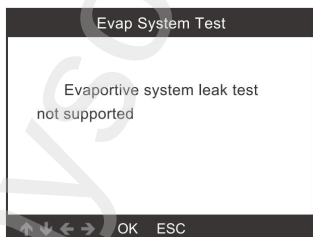
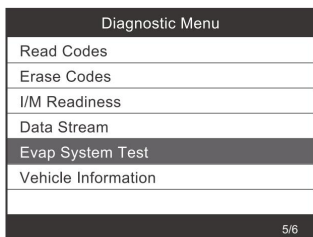
Diagnostic Menu	
Read Codes	
Erase Codes	
I/M Readiness	
Data Stream	
Evap System Test	
Vehicle Information	
4/6	

Datastream	
View All Items	
Select Items	
1/2	

3.5 Ispitivanje propuštanja

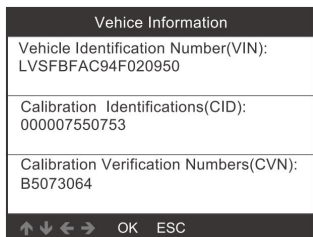
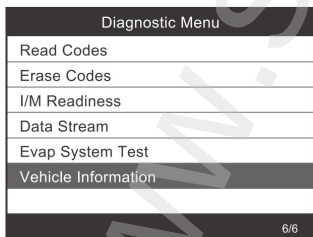
Ova funkcija omogućuje stvaranje uvjeta potrebnih za provođenje ispitivanja propuštanja sustava isparavanja, ali zapravo ne provodi ispitivanje. Proizvođač vozila odgovoran je za postavljanje kriterija za automatsko zaustavljanje ispitivanja.

Prije izvođenja ove funkcije, pogledajte servisni priručnik vozila za potrebne postupke.



3.6 Podaci o vozilu

Odaberite "Informacije o vozilu" i pritisnite "Enter", na zaslonu će se prikazati VIN (identifikacijski broj vozila), CID (ID kalibracije) i CVN (broj za provjeru kalibracije).



4. Postavke uređaja

4.1 Jezik

Odaberite [Jezik], prikazat će se sljedeće:

Tool Setup
Language
Beeper
Instructions(Display at startup)
Unit of Measure
Skin Style
Feedback the test result
Device Information

1/7

Language
English

1/1

4.2 Zvučni signal

Odaberite [Zvučnik], prikazat će se sljedeće:

Tool Setup
Language
Beeper
Instructions(Display at startup)
Unit of Measure
Skin Style
Feedback the test result
Device Information

2/7

Beeper
OFF
ON

1/2

4.3 Upute (početni zaslon)

Odaberite [Upute (Prikaži pri pokretanju)] za prikaz sljedećeg:

Tool Setup
Language
Beeper
Instructions(Display at startup)
Unit of Measure
Skin Style
Feedback the test result
Device Information

3/7

Instructions(Display at startup)
OFF
ON

1/2

4.4 jedinice

Odaberite [Mjerna jedinica] za prikaz sljedećeg:

Tool Setup
Language
Beeper
Instructions(Display at startup)
Unit of Measure
Skin Style
Feedback the test result
Device Information

4/7

Unit of measure
Metric
Imperial

1/2

4.5 Boja zaslona

Odaberite [Stil kože] za prikaz sljedećeg:

Tool Setup
Language
Beeper
Instructions(Display at startup)
Unit of Measure
Skin Style
Feedback the test result
Device Information

5/7

Skin Style
Sky Gray
Gem Blue

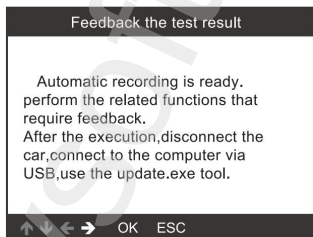
1/2

4.6 Povratne informacije o rezultatima ispitivanja

1. Ako naiđete na bilo kakve probleme ili pogreške, upotrijebite funkciju povratnih informacija. Odaberite [Povratne informacije o rezultatu testa] za prikaz sljedećeg:

Tool Setup
Language
Beeper
Instructions(Display at startup)
Unit of Measure
Skin Style
Feedback the test result
Device Information

6/7



Sljedeće: Pritisnite tipku "Izlaz" nekoliko puta za povratak u glavni izbornik.

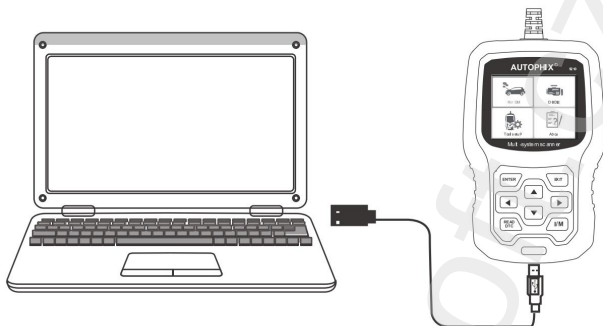
2. Na primjer: nije uspjela registracija promjene baterije. Odaberite [Registriraj promjenu baterije] i izvršite registraciju baterije (ovaj korak je vrlo važan).

Napomena: Uređaj ostavite spojen na vozilo prema gore navedenim koracima.

3. Nakon registracije akumulatora, odspojite ga s vozila.

4. Prenesite podatke na računalo i generirajte datoteku s povratnim informacijama.

Preuzmite ažuriranu datoteku na svoje računalo s web stranice Autophix. Spojite uređaj s računalom pomoću USB kabela.

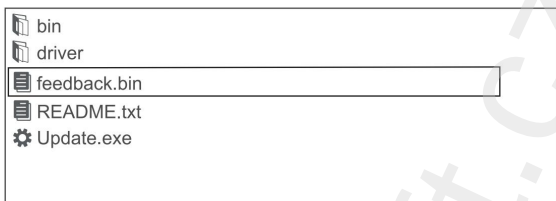


Odaberite datoteku [Ažuriranje] i na zaslonu će se pojaviti sljedeće:



Pritisnite [Povratna informacija] i na zaslonu će se pojaviti sljedeće:

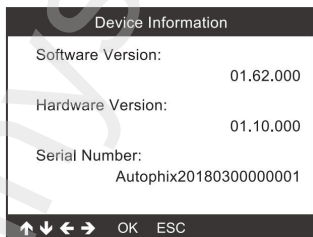
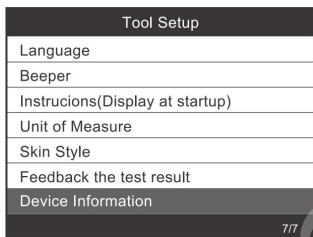




Molimo pošaljite datoteku s povratnim informacijama feedback.bin na support@autophix.com.

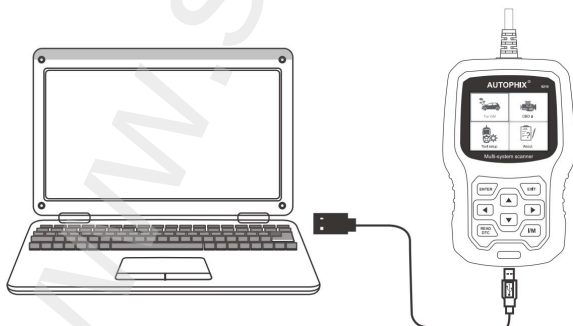
4.7 Podaci o uređaju

Odaberite [Informacije o uređaju] za prikaz sljedećeg:



5. Ažuriranje

Spojite uređaj s računalom pomoću USB kabela .



- 1) Nakon ažuriranja sustava, dostupan je samo Windows 7/8/10 podržano.
- 2) Može se izravno ažurirati na Windows 8 i 10.
- 3) Za Windows 7, upravljački program se instalira u računala.

Napomena: gore navedeni rezultati su primjeri; stvarni rezultati mogu se pronaći na stvarnom testnom vozilu.

Distributer

Sunnysoft s.r.o.

Kovanecká 2390/1a

190 00 Prag 9

Češka Republika

www.sunnysoft.cz

AUTOPHIX[®]

USER'S MANUAL

9210



SAFETY PRECAUTIONS

To prevent personal injury or damage to vehicles and/or the scan tool, read this instruction manual first and observe the following safety precautions at a minimum whenever working on a vehicle:

Always perform automotive testing in a safe environment

Do not attempt to operate or observe the tool while driving a vehicle. Operating or observing the tool will cause driver distraction and could cause a fatal accident.

Wear safety eye protection that meets ANSI standards.

Operate the vehicle in a well ventilated work area: Exhaust gases are Poisonous.

Put the transmission in PARK (for automatic transmission) or NEUTRAL (for manual transmission) and make sure the parking brake is engaged.

Keep the scan tool dry, clean, free from oil/water or grease. Use a mild detergent on a clean cloth to clean the outside of the scan tool, when Necessary.

Tips: When using the product, please plug the product into the car before starting the car.

ABOUT 9210

1. Coverage

1) 9210 works on most after 1996 OBDII compliant US, European and Asian vehicles

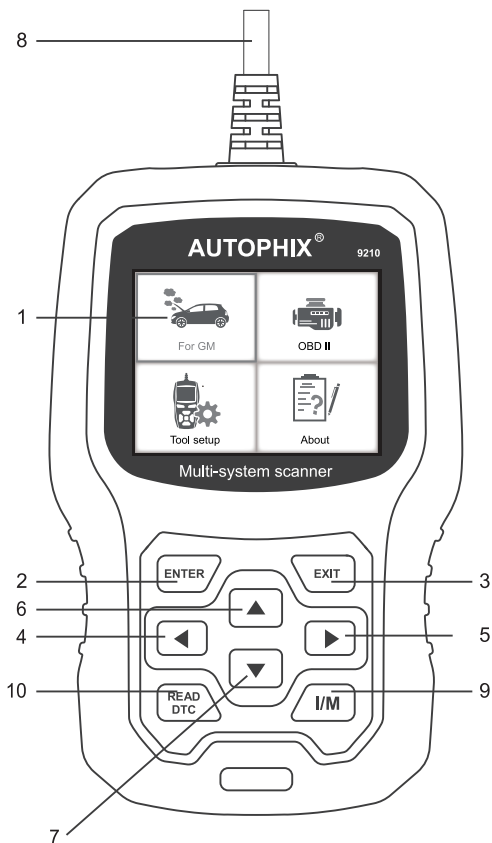
2) It supports these cars from 1996 to the present: Buick, Cadillac, Chevrolet, Daewoo, GMC, Hummer Holden, Oldsmobile, Pontiac Saturn. It works on all the systems such as engine, transmission, ABS and airbag etc.

3) It supports Chevrolet, GMC, Hummer trucks from 1996 to present

2. Product specification

- 2.8'LCD,320 X 240 pixels color screen
- Operating Voltage: 8V-18V
- Operating Temperature: 0°C-60°C(32-140°F)
- Storage Temperature: -20°C-70°C(4-158°F)

3. Appearance and buttons description



1. LCD DISPLAY – Indicates test results. Backlit, 320 x 240 pixels display
2. ENTER BUTTON – Confirms a selection (or action) from a menu.
3. EXIT BUTTON – Cancels a selection (or action) from a menu or returns to the menu.
4. [LEFT] SCROLL BUTTON –in the menu mode through the menu and sub menu move to the left, when rolling in a data interface, use the left button can be moved to the last screen.
5. [RIGHT] SCROLL BUTTON –In the menu mode through the menu and sub menu item move to the right, when rolling in the data interface, use the right button can be moved to the next screen.
6. [UP] SCROLL BUTTON –in the menu mode through the menu and sub menu item moving up. When retrieving data for more than a screen by moving up the screen to the previous screen for more data.
7. [DOWN] SCROLL BUTTON –In the menu mode through the menu and sub menu item moves down. When retrieving data more than one screen, by moving down the screen to the next screen for more data.
8. OBD-16PIN CONNECTOR – Connects the scan tool to the vehicle's Data Link Connector (DLC).
9. [I/M] BUTTON - Quick State Emissions readiness check and drive cycle verification.

I/M Readiness			
IGN	Spark	DTC	0
MIL		PdDTC	0
MIS	⊘	EVAP	⊘
FUE	✓	AIR	⊘
CCM	✓	O2S	✗
CAT	✓	HTR	✗
HCAT	⊘	EGR	⊘

Remarks:

MIL Yellow- Dashboard MIL ON

MIL Gray-Dashboard MIL OFF

⊘ -not support

✓ -complete

✗ -not complete

10. [READ DTC] BUTTON-Quick read the vehicle's fault codes.

OPERATION INSTRUCTIONS

1. Connect 9210

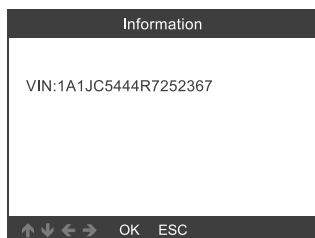
1.1 Turn the ignition on.

1.2 Locate the vehicle's 16-pin Data Link Connector (DLC).

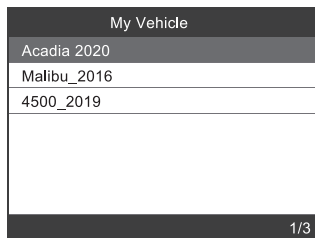
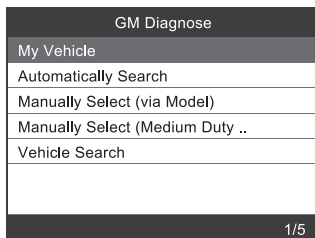
2. 9210 Features

2.1 For GM

Choose [For GM] and it will automatically read the vehicle VIN code. As follows:



2.1.1 Press [OK] to continue, In [My vehicle], the system will reserve up to three models. You can save your car model in the product in advance. You can save time by directly selecting the corresponding model in the next test.



2.1.2 In [Automatically Search], it can identify the name and year of the vehicle by VIN.

GM Diagnose
My Vehicle
Automatically Search
Manually Select (via Model)
Manually Select (Medium Duty ..
Vehicle Search
2/5

VIN
1A1JC5444R7252367
Is The VIN Correct?
↑ ↓ ← → OK ESC

Automatically Search
Fast Enter Don't Support This Vehicle,Please Select Menu To Enter.
↑ ↓ ← → OK ESC

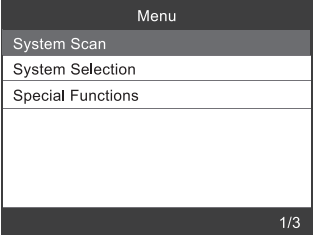
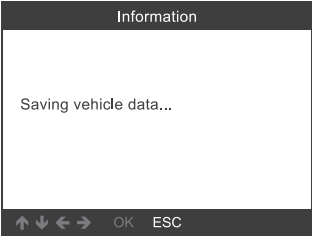
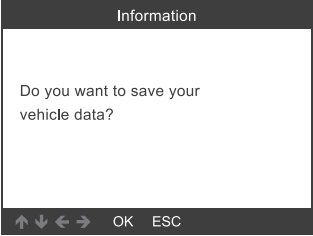
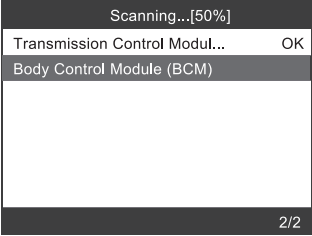
2.1.3 In [Manually Select(Via Model)],it shows as follows:

GM Diagnose
My Vehicle
Automatically Search
Manually Select (via Model)
Manually Select (Medium Duty ..
Vehicle Search
3/5

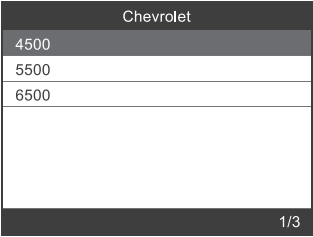
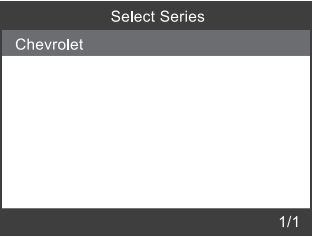
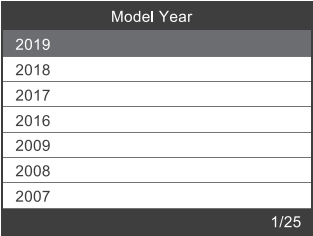
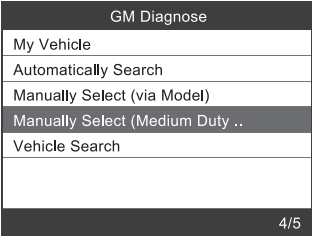
Select Brand
Chevrolet
Buick
Cadillac
GMC
Alpheon
Ravon
Pontiac
1/13

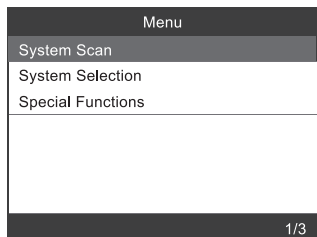
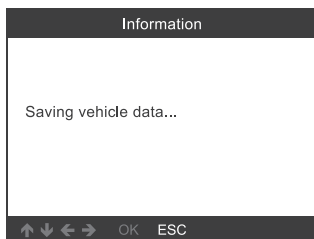
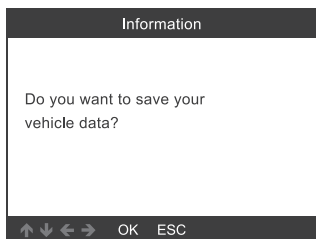
Model Year
2020
2019
2018
2017
2016
2015
2014
1/25

Select Series
Aveo
Beat
Bolt
Camaro
Cavalier
Cobalt
Colorado
1/34

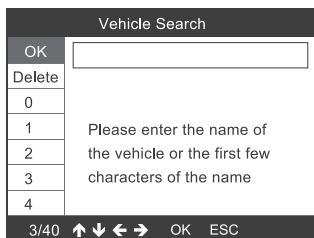
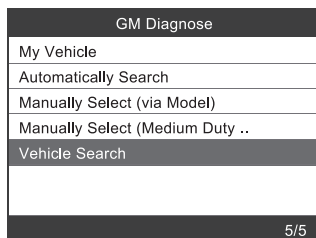


2.1.4 In [Manually Select(Medium Duty Truck)],it shows as follows:





2.1.5 In [Vehicle Search],it shows as follows:



2.1.6 Through the above methods, after saving your vehicle, enter the interface through [My Vehicle], you will enter the following interface



For GM



OBD II



Tool setup



About

GM Diagnose

My Vehicle

Automatically Search

Manually Select (via Model)

Manually Select (Medium Duty ..

Vehicle Search

1/5

My Vehicle

Acadia 2020

Malibu_2016

4500_2019

1/3

My Vehicle

Diagnostics

Vehicle Information

Delete vehicle

1/3

Menu

System Scan

System Selection

Special Functions

1/3

Click [OK] to enter the [system scan], after the system automatically scans, the faulty system will be displayed in red. Enter the faulty system, the following content will appear

Scanning ... [20%]	
Engine Control Module (ECM)	4
Transmission Control Module	
1/2	

Scanning ... [50%]	
Engine Control Module (ECM)	4
Electronic Brake Control M..	OK
Power Steering Control Mo...	1
Body Control Module (BCM)	
1/4	

GM Diagnose	
Engine Control Module (ECM)	4
Transmission Control Module	OK
Transmission Control Module	1
1/3	

Function Menu	
Module Information	
Read Fault Code	
Clear Fault Code	
Read Data Stream	
1/4	

Enter[Module Information],it displays as follows:

Datastream	
View All Items	
Select Items	
1/2	

Datastream	
vehicle Identification Number (VIN)	KL3TF48E9 EB515662
Base Model Part Number	080102AA
Base Model Part Number Alpha code	N/A
End Model Part Number	16777215
Boot software Part Number-	N/A
1/4	

Choose [Select Items] and press [OK] button as follows:

Datastream	
View All Items	
Select Items	
2/2	

Datastream	
[]	All Datastream of Page
[]	Air conditioning (Aic)compressor clutch Relay
[]	Air conditioning (Alc)compressor operation
[]	Accessory
[]	Air Fuel Equi valence Ratio command[:1]
1~4/58	

Press [LEFT] and [RIGHT] buttons to page
 press [UP] and [DOWN] buttons to select one by one
 Press [OK] button to select the Datastream
 Press [ESC] button to read Datastream

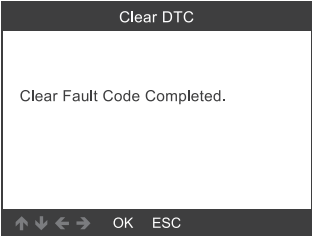
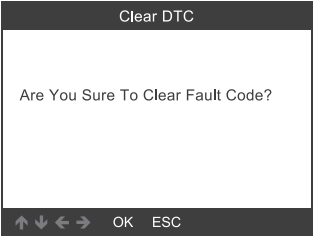
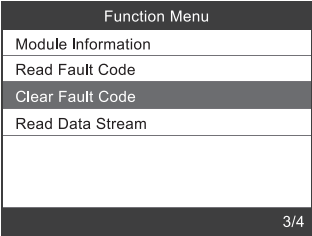
Enter[Read Fault Code],it displays as follows:

Function Menu	
Module Information	
Read Fault Code	
Clear Fault Code	
Read Data Stream	
2/4	

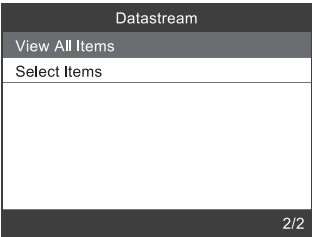
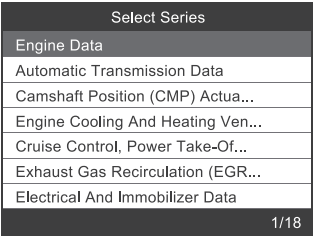
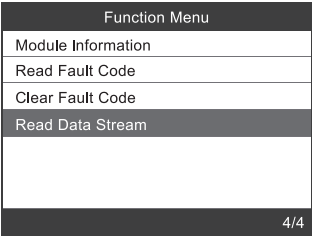
Function Menu	
DTC Display	
1/1	

02-Read Fault Codes	
F1190102	1/4
The fault code is not found in the database	
↑ ↓ ← → OK ESC	

Enter[Clear Fault Code],it displays as follows:



Enter[Read Data Stream],it displays as follows:



Enter[System Selection],it displays as follows:

Menu
System Scan
System Selection
Special Functions
2/3

System Menu
Engine Control Module (ECM)
Electronic Brake Control Modul...
Power Steering Control Module...
Body Control Module (BCM)
Inflatable Restraint Sensing An...
Radio/HVAC Controls (RHC)
1/6

Function Menu
Module Information
Read Fault Code
Clear Fault Code
Read Data Stream
1/4

2.2 Special Functions

Enter[Special Functions],it displays as follows:

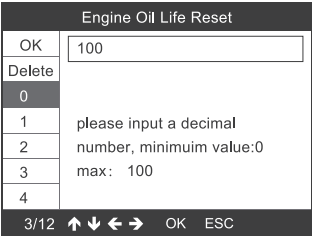
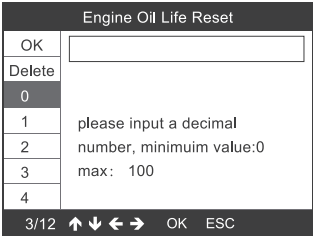
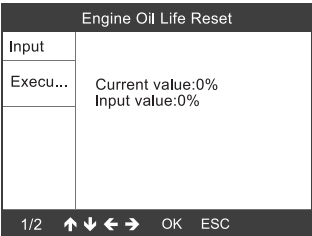
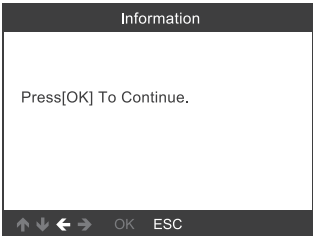
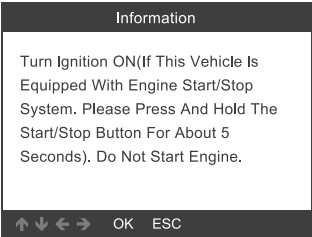
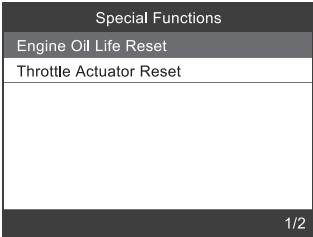
Menu
System Scan
System Selection
Special Functions
3/3

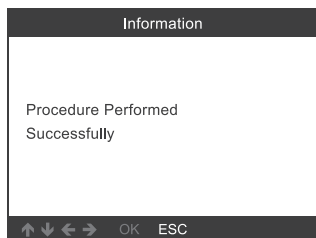
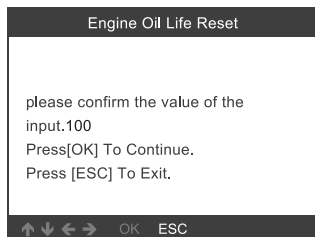
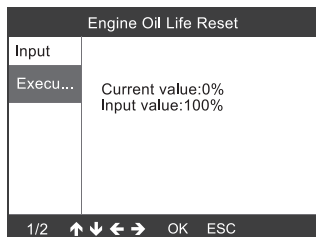
System Functions
Reset Functions
Automated Brake Bleed
Battery Sensor Module Learn
Idle Learn
Steering Wheel Angle Sensor L...
Steering Wheel Angle Sensor R...
Steering Wheel Angle Sensor C...
1/9

2.2.1 Engine Oil Life Reset

Press [Reset Functions]and go to [Engine Oil Life Reset]

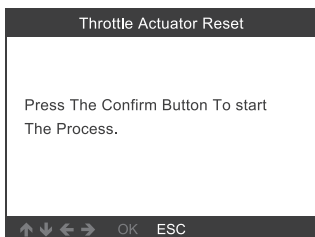
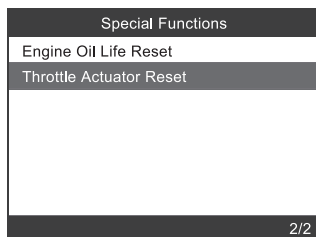
Follow the instructions on the interface to complete the Engine Oil Life Reset. The specific steps are as follows:

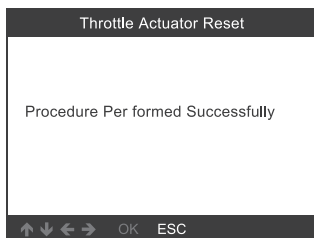
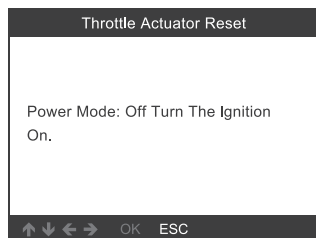
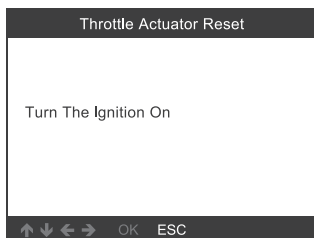
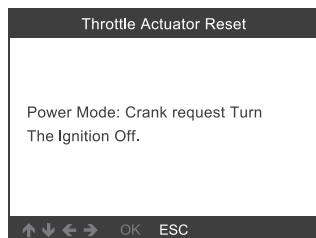
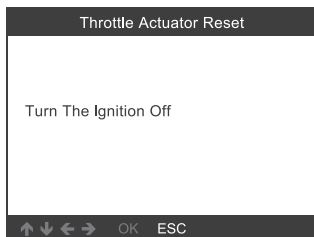
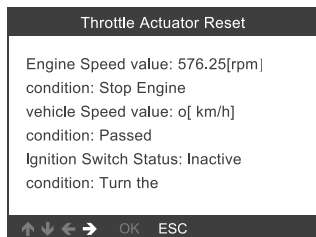
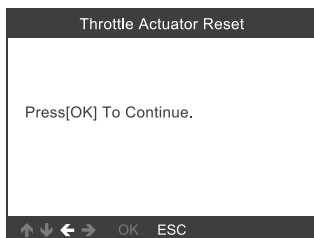
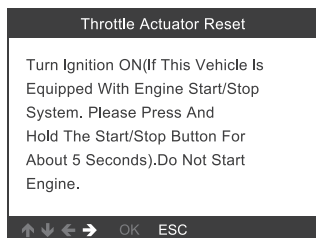




2.2.2 Throttle Acuator Reset Functions

Press [Reset Functions] and go to [Throttle Acuator Reset]
Follow the instructions on the interface to complete the throttle matching action. The specific steps are shown in the figure below





Note: The special features of each model are different, please according to the actual operation.

3. OBDII System

3.1 Read Codes

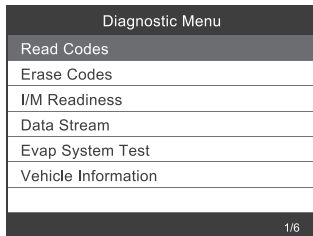
Stored codes are also known as "hard codes" or "permanent codes". These codes cause the control module to illuminate the malfunction indicator lamp (MIL) when an emission-related fault occurs.

Pending Codes are also referred to as "maturing codes" or "continuous monitor codes".

It indicates the problem that control module has detected during the current or last driving cycle, but they are not considered seriously.

Pending Codes will not turn on the malfunction indicator light, and codes will be cleared from memory if there is no failure during the following warm-up period

1) Use the UP/DOWN scroll button to select Read Codes from the Diagnostic Menu and press [OK].



If there are no Diagnostic Trouble Codes, the display indicates "No (pending) codes are stored in the module!" Wait a few seconds or press any key to return to the Diagnostic Menu.

2) View DTCs and their definitions on screen.

DTC	
P0143	1/8
Generic	Current
O2 Sensor Circuit Low Voltage Bank 1 Sensor 3	
↑ ↓ ← → OK ESC	

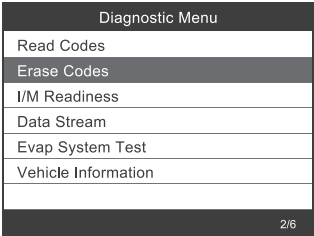
The control module number, sequence of the DTCs, total number of codes detected and type of codes (Generic of Manufacturer specific) will be observed on the upper right hand corner of the display.

3.2 Erase Codes

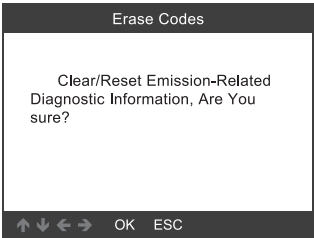
Notes:

This function is performed with key on engine off. Do not start the engine. Before performing this function, make sure to retrieve and record the trouble codes. After clearing, you should retrieve trouble codes once more or turn ignition on and retrieve codes again. If there is still some trouble codes for hard troubles, please find the reason caused the trouble code firstly, and then solve the problem. Now, the trouble codes can be erased.

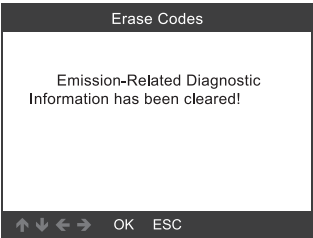
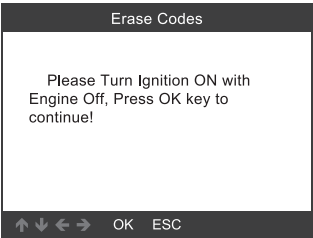
1) Use the UP/DOWN scroll buttons to select Erase Codes from the Diagnostic Menu and press [OK].



2) A warning message comes up asking for your confirmation.



3) Press [OK] to confirm.



3.3 I/M Readiness

I/M refers to Inspection and Maintenance, that is legislated by the Government to meet federal clean-air standards. I/M Readiness indicates whether or not the various emissions-related systems on the vehicle are operating properly and are ready for Inspection and Maintenance testing.

The I/M readiness Monitor Status function also can be used (after repair of a fault has been performed) to confirm that the repair has been performed correctly, and/ or to check for Monitor Run Status.

Diagnostic Menu
Read Codes
Erase Codes
I/M Readiness
Data Stream
Evap System Test
Vehicle Information
3/6

I/M Readiness
Since DTCs Were Cleared
This Drive Cycle
1/2

3.4 Data Stream

The OBDII Scan Tool is a special diagnostic tool that communicates with the vehicle’s computer. The Scan Tool lets you view “real-time” Live Data. This information includes value(volts, rpm, temperature, speed etc.) and system status information (open loop, closed loop, fuel system status, etc.) generated by the various vehicle sensors, switches and actuators.

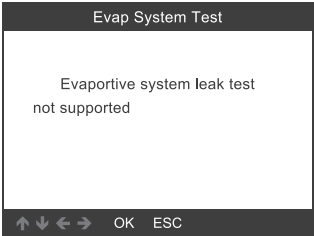
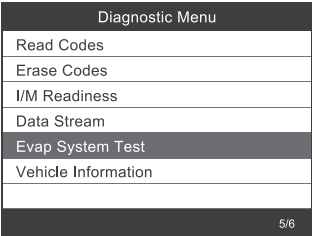
Press ENTER

Diagnostic Menu
Read Codes
Erase Codes
I/M Readiness
Data Stream
Evap System Test
Vehicle Information
4/6

Datastream
View All Items
Select Items
1/2

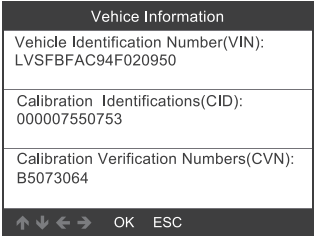
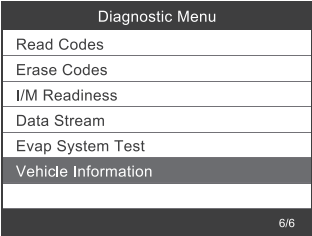
3.5 Evap Leak Test

This function enables the conditions required to conduct an evaporative system leak test, but does not actually run the test. The vehicle manufacturer is responsible to determine the criteria to automatically stop the test. Before performing this function, please check the vehicle's service repair manual to determine the necessary procedures.



3.6 Vehicle Information

Select [Vehicle Information] and press [ENTER],the screen will display the information such as VIN (Vehicle identification Number) , CID (Calibration ID) and CVN (Calibration verify number).



4. Tool Setup

4.1 Language

Choose [Language] and it displays as follows:

Tool Setup	Language
Language	English
Beeper	
Instructions(Display at startup)	
Unit of Measure	
Skin Style	
Feedback the test result	
Device Information	
1/7	1/1

4.2 Beeper

Choose [Beeper] and it displays as follows:

Tool Setup	Beeper
Language	OFF
Beeper	ON
Instructions(Display at startup)	
Unit of Measure	
Skin Style	
Feedback the test result	
Device Information	
2/7	1/2

4.3 Instructions(Display at startup)

Choose [Instructions(Display at startup)] and it displays as follows:

Tool Setup
Language
Beeper
Instructions(Display at startup)
Unit of Measure
Skin Style
Feedback the test result
Device Information
3/7

Instructions(Display at startup)
OFF
ON
1/2

4.4 Unit of measure

Choose Unit of measure and it displays as follows:

Tool Setup
Language
Beeper
Instructions(Display at startup)
Unit of Measure
Skin Style
Feedback the test result
Device Information
4/7

Unit of measure
Metric
Imperial
1/2

4.5 Skin Style

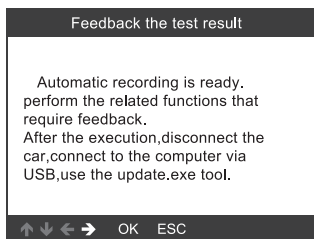
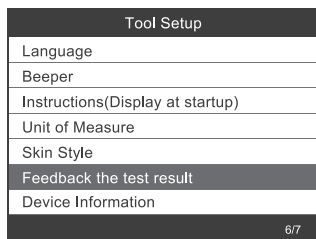
Choose Skin Style and it displays as follows:

Tool Setup
Language
Beeper
Instructions(Display at startup)
Unit of Measure
Skin Style
Feedback the test result
Device Information
5/7

Skin Style
Sky Gray
Gem Blue
1/2

4.6 Feedback

1. If it shows connected error with vehicle or other problem during using, please using the feedback function. Choose [Feedback the test result] and it displays as follows:



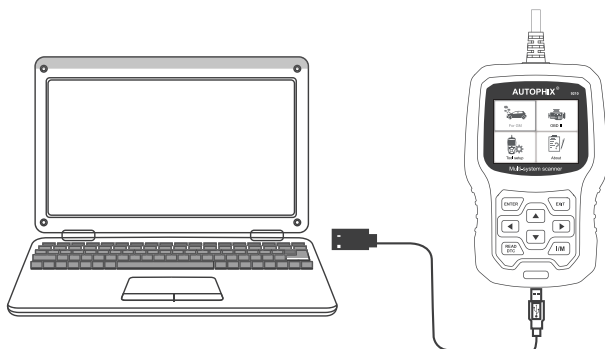
Next : Press EXIT Button several times and return to the main menu.

2. For example: Register battery change fail Enter [Register battery change] option, and do Register battery change again (This step is very important)

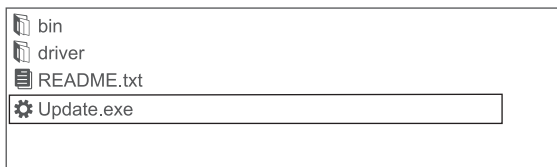
Note : Keep tool connect with car in above steps.

3. After doing register battery change, disconnect with car.

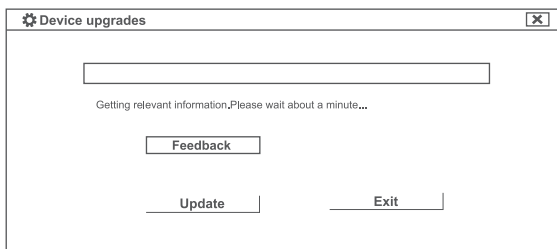
4. Transfer data to your computer and generate feedback file (You need download upgrade file on the computer from AUTOPHIX website).The device is connected with computer through USB cable.

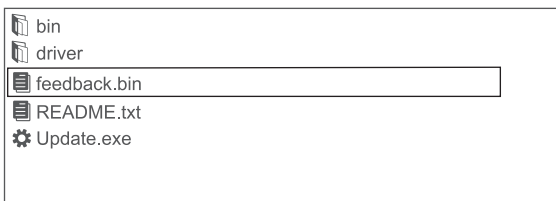


Choose “Update” file and it displays as follow:



Click “Feedback” and it displays as follow:

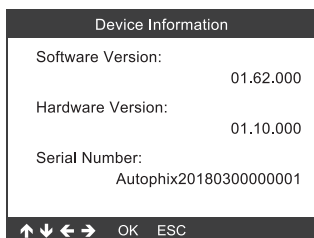
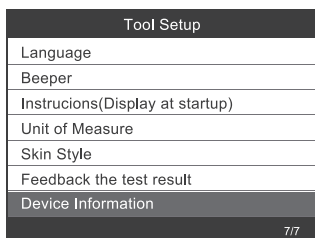




Please send the feedback.bin file to support@autophix.com.

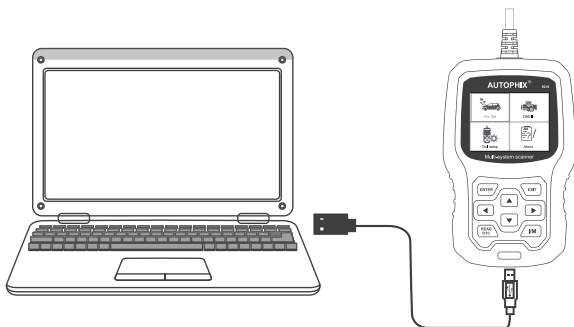
4.7 Device information

Choose Device information and it displays as follows:



5. Update

The device is connected with computer through USB cable.



- 1) When upgrade the device software, it only supports Windows 7/8/10 system.
- 2) It can be updated directly on Windows 8 and Windows 10 system.
- 3) When the computer is Windows 7 system, the device's software driver is installed on the computer.

6. Warranty

Our company provides customers with warranty of 12 months from the date of purchase. Refer to our warranty and conditions policy.

<http://www.autophix.com/en/support/warranty.html>

7. Service Procedures

If you have any questions, please contact your local store, distributor or visit our website www.autophix.com.

If it becomes necessary to return the scan tool for repair, contact your local distributor for more information.

AUTOPHIX TECH CO.,LTD

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Phone: 0755-8528-1258

E-mail: support@autophix.com

Website: www.autophix.com



MADE IN CHINA