

AUTOPHIX[®]

Uživatelský manuál

9150



Bezpečnostní upozornění

Před prvním použitím si pečlivě přečtěte uvedený manuál. Manuál si ponechte pro pozdější referenci.

1. Proces testování je určen především pro technické pracovníky.
2. Dodržujte bezpečnostní upozornění. Jinak hrozí riziko poranění nebo poškození zařízení a vozidla.
3. Před prvním použitím si přečtěte také manuál vozidla. Jinak hrozí riziko poškození.
4. Zařízení použijte v dobře větrné místnosti. Automobil při provozu generuje oxid uhelnatý a další toxické plyny. Jinak hrozí riziko otravy plyny.
5. Během provozu vozidla, mnoho vnitřních částí je také v provozu. Držte se v dostatečné vzdálenosti od pohyblivých částí, jinak hrozí riziko poranění.
6. Během provozu vozidla, některé části jsou velmi horké. Nesahejte na ně holou rukou. Jinak hrozí riziko poranění.
7. Během provozu, nezapojujte a nevypojujte zařízení. Zařízení zapojujte/vypojujte pouze ve chvíli, kdy je vozidlo vypnuto.
8. Palivo a výpary z baterie jsou vysoce hořlavé. Při práci nekuřte a nemanipulujte s otevřeným ohněm. Jinak hrozí riziko výbuchu, požáru a poranění.

Kompatibilita

1. Podpora vozidel: Ford, Lincoln a Mercury vyrobeny po roce 1996 se 16-pinovou zásuvkou s F150, Transit, VAN.
2. Podpora OBDII/EOBD.

Specifikace

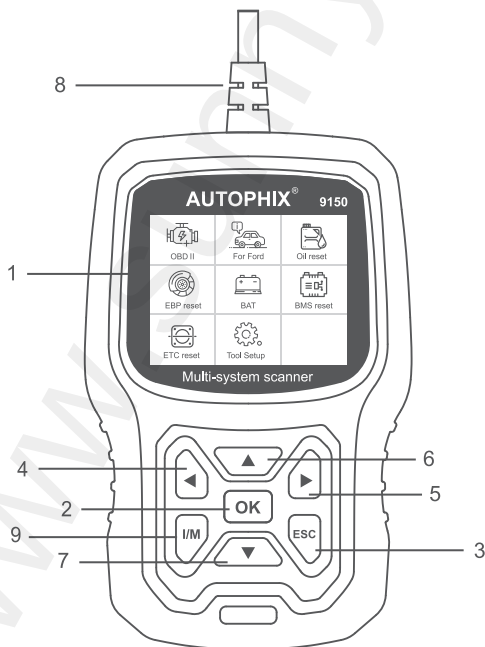
2,8" LCD barevný displej, 320 x 240 pixelů

Pracovní napětí: 8 V - 18 V

Pracovní teplota: -10 - 60 °C

Teplota skladování: -20 - 70 °C

Popis zařízení



1. LCD displej - zobrazení výsledku měření, podsvícení, 320 x 240 pixelů.
2. Tlačítko OK - potvrzení výběru z menu.
3. Tlačítko ESC - 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 předchozí 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 přesuňte na předchozí obrazovku.
7. Tlačítko dolů - pohyb v menu a pod menu dolů, při obnově dat pro více než jednu obrazovku, přesunem dolů se přesuňte 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, Evap systém, atd.

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

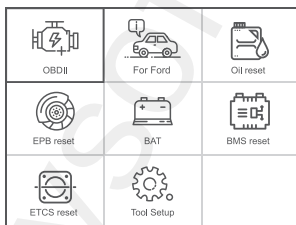
1. Spojení 9150

1.1 Zapněte zapalování.

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



Hlavní rozhraní



Hlavní menu

1.3 Hlavní menu funkcí

OBDII: detekce motoru

"For Ford": testování všech systémů

"Oil reset": reset výměny oleje

"EPB reset": EPB výměna brzdových destiček

"BAT": čtení napětí baterie v reálném čase

"BMS reset": reset řízení systému baterie

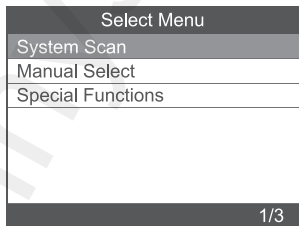
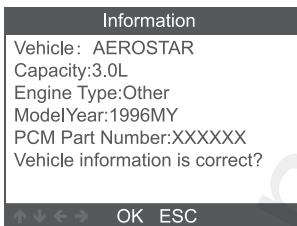
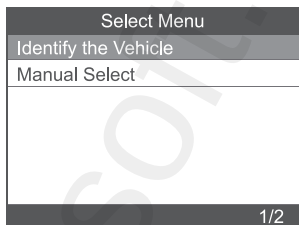
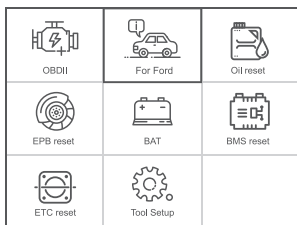
"ETC reset": reset kontroly škrtků klapky

"Tool Setup": Jazyk, zvukový alarm, instrukce (zobrazení při zapnutí), jednotka měření, styl povrchu, zpětná vazba

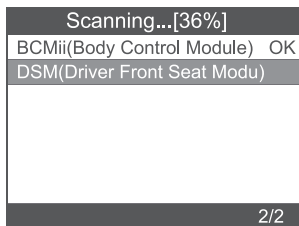
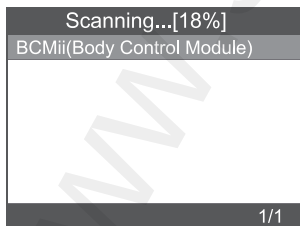
2. Funkce 9150

2.1 Základní funkce

Vyberte "For Ford" a zobrazte následující:



"System scan" skenuje systém vozidla. Stiskněte "System scan" a zobrazte následující:



Scanning...[81%]
BCMii(Body Control Module) OK
PCM(Power train Control M... OK
PDM(Passenger Front Door
3/3

Select System Diagnose
BCMii(Body Control Module) OK
PCM(Power train Control M... OK
1/2

"Manual select" zobrazuje všechny možné systémy, vyberte jeden a proveďte diagnostiku. Vyberte "Manual select" (manuální výběr) a zobrazte následující:

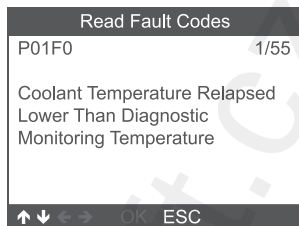
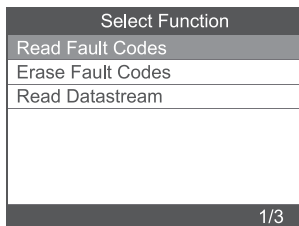
Select Menu
System Scan
Manual Select
Special Functions
2/3

Select System Diagnose
ABS(Antilock braking system)
BCMii(Body Control Module)
DDM(Driver Front Door Module)
DSM(Driver Front Seat Module)
GWM(Gateway Module A)
HVAC(Heating Ventilation Air C..)
IPC(Intrument Panel Control M...)
1/11

Select System Diagnose
PCM(Power train Control Module)
PDM(Passenger Front Door Mo...
PSCM(Power Steering Control...
RCM(Restraint Control Module)
8/11

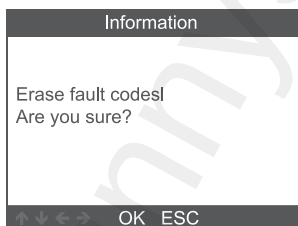
2.1.1 Čtení chybových kódů

Vyberte "Read Fault Codes". Stiskněte tlačítko nahoru/dolů a překontrolujte níže uvedené chybové kódy:

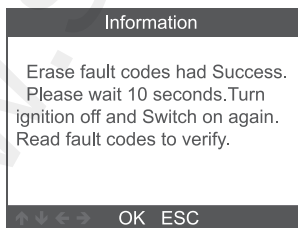


2.1.2 Mazání chybových kódů

Vyberte "Erase Fault Codes" a poté stiskněte tlačítko OK a zobrazte následující:



Opět stiskněte tlačítko OK a vymažte chybové kódy, zobrazeno níže:



Pokud nebude chtít smazat chybové kódy, stiskněte tlačítko ESC.

2.1.3 Čtení datatoku

Vyberte "Read Datastream", poté stiskněte tlačítko OK a zobrazte následující:

Select Function
Read Fault Codes
Erase Fault Codes
Read Datastream
3/3

Datastream
View All Items
Select Items
1/2

Vyberte "View All Items", poté stiskněte tlačítko OK a zobrazte následující:

Datastream	
A/C Pressure Sensor Voltage[Voits]	1.40
A/C clutch output fault detected.	NO Fault
CMP and CKP Synchronized	Yes
o2s11 Status	NO Fault
o2s11 is warm and ready to operate.	Yes
1-5/471	

Vyberte "Select Items", poté stiskněte tlačítko OK, na displeji zobrazte následující:

Datastream
View All Items
Select Items
2/2

Select Datastream	
[]	All Datastream of Page
[]	A/C Pressure Sensor Voltage
[]	A/C clutch output fault detected.
[]	A/C Pressure sensor
[]	CMP and CKP Synchronized
1-4/284	

Stiskněte levé/pravé tlačítko a přejděte na další stranu.

Stiskněte tlačítko nahoru/dolů a vyberte jednotlivé.

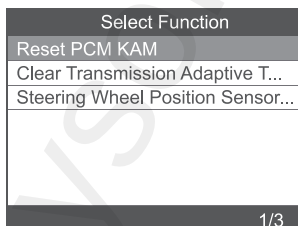
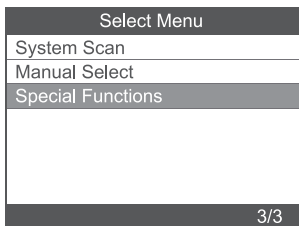
2.2 Hlavní speciální funkce

Liší se model od modelu vozidla.

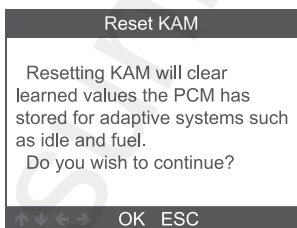
Zde jsou uvedeny pouze vybrané funkce zařízení, v případě zájmu o více funkcí, kontaktujte výrobce.

2.2.1 Reset PCM KAM

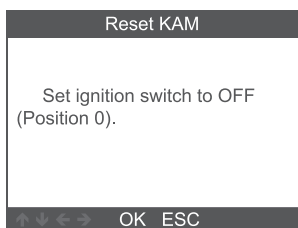
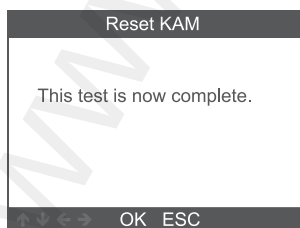
Vyberte "Special Functions" a zobrazte následující:



Vyberte "Reset PCM KAM a zobrazte následující:



Stiskněte tlačítko OK, přejděte na další a dokonče akci se speciálními funkcemi.



2.2.2 DPF reset

Vyberte "Special Functions" a zobrazte následující:

Select Menu
System Scan
Manual Select
Special Functions
3/3

Select Function
ABS Service Bleed
Clear EGR Adaptive Tables
DPF Reset
DPF Manual Regeneration
3/4

Stiskněte tlačítko OK a zobrazte následující:

DPF Reset
Resetting completed.
↑ ↓ ← → OK ESC

Stiskněte tlačítko OK a pokračujte dále:

DPF Reset
Warning This procedure resets the DPF date. Do you wish to continue?
↑ ↓ ← → OK ESC

2.2.3 Nastavení množství vstřikovačů

V systému motoru, vyberte "Special Functions" a zobrazte následující:

Select Function
ABS Service Bleed
Reset TCM KAM
Clear Transmission Adaptive T...
DPF Manual Regeneration
IQA
5/5

Vyberte "Injector Quantity Adjustment" a zobrazte následující:

Injector Quantity Adjustment
Carry out this procedure to enter the new IQA date whenever a fuel in ject is replaced or to make a correction to the existing in jector IQA data currently stored in the PCM.
↑ ↓ ← → OK ESC

Injector Quantity Adjustment
On the following screen,the diagnostic tester will attempt to retrieve the in jector IQA data from the PCM allowing for verification and data entry. Perform the following :
↑ ↓ ← → OK ESC

Stiskněte tlačítko OK a postupujte dále:

Injector 1	
OK	
Delete	
0	
1	Enter the character IQA data
2	
3	
4	
3/38	↑ ↓ ← → OK ESC

Stiskněte tlačítko OK, musíte hodnoty OK zadat manuálně a zobrazte následující:

Injector Quantity Adjustment	
In ject...	
Next	In jector 1#FC2F A 03028
	In jector 2#002F5FF 020
9/9 ↑ ↓ ← → OK ESC	

Stiskněte levé tlačítko a přejděte na výběr dolů.
Stiskněte pravé tlačítko pro výběr dole.
Stiskněte tlačítko OK a zobrazte další:

Injector Quantity Adjustment
Set ignition switch to OFF (Position 0).
↑ ↓ ← → OK ESC

Injector Quantity Adjustment
Set the ignition switch to ON.
↑ ↓ ← → OK ESC

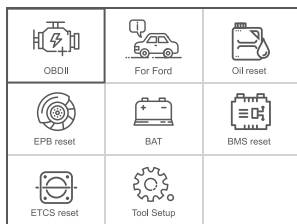
Stiskněte tlačítko OK a zobrazte další:

Injector Quantity Adjustment
The following injector IQA data is currently stored in the PCM.
In jector 1:FC2FA03028
In jector 2:002F5FF020
In jector 3:FC201F5028
↑ ↓ ← → OK ESC

Poznámka: konfigurace liší model od modelu.

3 OBDII diagnostika

Vyberte "OBDII" a zobrazte následující:



Select System Diagnose	
J1850 VPW	[fail]
J1850 PWM	[fail]
ISO15765-4 CAN (11bit)	[fail]
ISO15765-4 CAN (29bit)	[]
ISO14230-4 KWP	[]
ISO14230-4 KWP(5BPS)	[]
ISO9141	[]
Processing	

3.1 Čtení kódů

Uložené kódy jsou také známe 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".

Označuje 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. Vyberte "Read Codes", poté stiskněte tlačítko OK.

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

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. DTCs a definice na displeji

(číslo kontrolního modulu, sekvence DTCs, celkový počet detekovaných kódů, typ kódů (obecné specifikace).

DTC	
P1113	1/3
FORD	Pending
IAT Sensor Open/Short	
↑ ↓ ← → OK ESC	

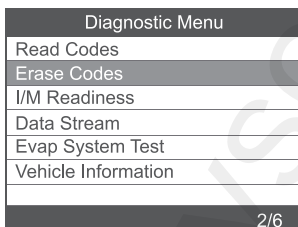
3.2 Mazání kódů

Poznámka: funkce funguje při vypnutém motoru. Motor nestartujte.

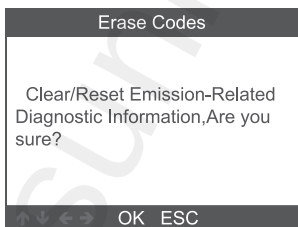
Před provedením této funkce se ujistěte, že jste načetli a zaznamenali chybové kódy.

Po vymazání byste měli znovu načíst chybové kódy nebo zapnout zapalování a znovu načíst kódy. Pokud stále přicházejí chybové kódy pro vážné poruchy, zjistěte nejprve příčinu, která poruchu způsobila, a poté problém vyřešte. Nyní lze poruchové kódy vymazat.

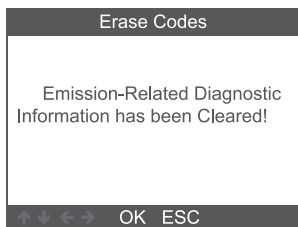
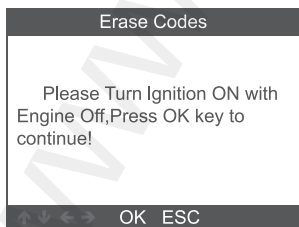
1. Vyberte "Erase codes", poté stiskněte tlačítko OK.



2. Zobrazí se varovná zpráva s žádostí o potvrzení.



3. Stiskněte tlačítko OK a potvrďte.



3.3 I/M připravenost

Vyberte "I/M Readiness", stiskněte poté tlačítko OK a zobrazte následující:

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

Použijte tlačítko nahoru/dolů a vyberte, poté stiskněte tlačítko OK a zobrazte následující:

I/M Readiness	
Misfire monitor	OK
Fuel system monitor	OK
Comprehensive component monitor	OK
Catalyst monitor	INC
Heated catalyst monitor	N/A
1-5/10	

N/A znamená, že funkce není dostupná pro daný model vozidla, INC znamená, že není kompletní nebo není připraveno k přečtení, OK znamená, hotovo nebo monitorováno.

3.4 Datový tok

Vyberte "Data Stream" a zobrazte následující:

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

Datastream	
Fuel system 1 status	OL
Fuel system 2 status	OL
Calculated LOAD Value	0.0%
Engine Coolant Temperature	-31°C
Short Term Fuel Trim-Bank 1	0.0%
1-5/19	

3.5 EVAP systémový test

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 zajistěte potřebné postupy.

Diagnostic Menu
Read Codes
Erase Codes
I/M Readiness
Data Stream
Evap System Test
Vehicle Information
5/6

Erase System Test
Evaporative system leak test not supported.
↑ ↓ ← → OK ESC

3.6 Informace o vozidle

Vyberte "Vehicle Information" a zobrazte následující:

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

Vehicle Information
Vehicle Identification Number (VIN) LV5FBFAC94F020950
Calibration Identifications(CID) 000007550753
Calibration Verification Number (CVN) B5073064
↑ ↓ ← → OK ESC

4. Nastavení

4.1 Jazyk

Vyberte "Language" a zobrazte následující:

 OBDII	 For Ford	 Oil reset
 EPB reset	 BAT	 BMS reset
 ETCS reset	 Tool Setup	

Tool Setup	
Language	
Beeper	
Instructions(Display at startup)	
Unit of Measure	
Skin Style	
Feedback the test result	
1/6	

Language	
English	
Français	
Deutsch	
Español	
русский	
Português	
Svenska	
1/10	

Language	
Dansk	
Suomalainen	
Norsk språk	
8/10	

4.2 Zvukový alarm

Vyberte "Beeper" a zobrazte následující:

Tool Setup	
Language	
Beeper	
Instructions(Display at startup)	
Unit of Measure	
Skin Style	
Feedback the test result	
2/6	

Beeper	
OFF	
ON	
1/2	

4.3 Instrukce (zobrazení při spuštění)

Vyberte "Instructions (Display at startup)" a zobrazte následující:

Tool Setup
Language
Beeper
Instructions(Display at startup)
Unit of Measure
Skin Style
Feedback the test result
3/6

Instructions(Display at startup)
OFF
ON
1/2

4.4 Jednotka měření

Vyberte "Unit of measure" a zobrazte následující:

Tool Setup
Language
Beeper
Instructions(Display at startup)
Unit of Measure
Skin Style
Feedback the test result
4/6

Unit of Measure
Metric
Imperial
1/2

4. 5 Styl

Vyberte "Skin Style" a zobrazte následující:

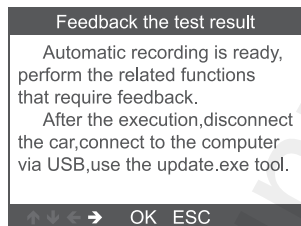
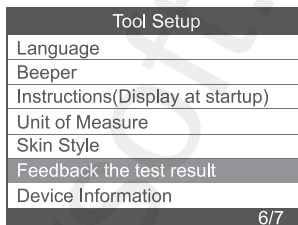
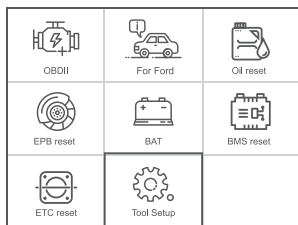
Tool Setup
Language
Beeper
Instructions(Display at startup)
Unit of Measure
Skin Style
Feedback the test result
5/6

Skin Style
Sky Gray
Gem Blue
1/2

4.6 Zpětná vazba

Pokud se během používání zobrazí chyba spojení s vozidlem nebo jiný problém, použijte prosím funkci zpětné vazby.

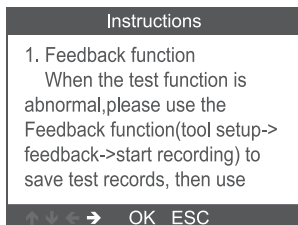
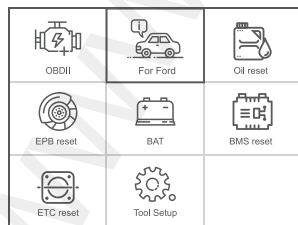
Vyberte "Tool Setup", stiskněte "Feedback the test result menu" a zobrazte následující:



Zařízení zobrazí hlášení "Feedback" a ukončí zpětnou vazbu.

Stiskněte ESC a vystupce z hlavního menu.

Například: pokud spojení Ford ABS systému selže, pokračujte podle následujících kroků:



Po existenci nabídky zpětné vazby se vraťte do hlavní nabídky: Otevřete nabídku Ford, vstupte do rozhraní, které se nepodařilo připojit nebo proveďte operaci, která byla během diagnostiky neúspěšná.

Select Menu
Identify the Vehicle
Manual Select
1/2

Information
Vehicle: Transit
Capacity:2.2L
Engine Type:Duratorq-turbo
Diesel Common Rail Injection
ModelYear:2006.5MY
PCM Part Number:6C11AA
↑ ↓ ← → OK ESC

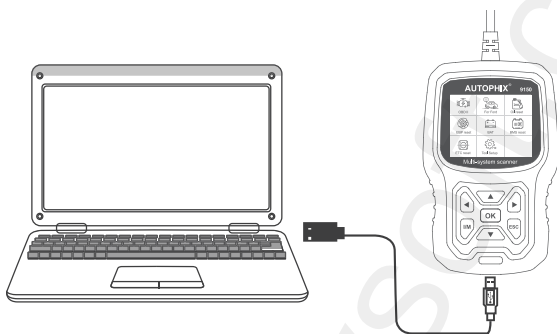
Select Menu
System Scan
Manual Select
Special Functions
3/3

Select Function
ABS Service Bleed
Diesel Particulate Filter Static ...
Fuel Injection Pump Learn
Fuel Injection Correction Factors
Reset the Diesel Particulate Filt...
1/5

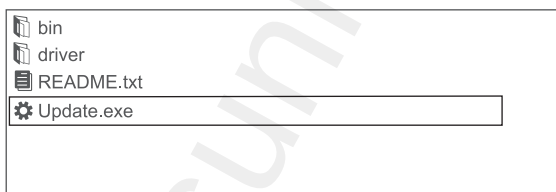
Information
This Module Is Not Responding.
Please Comfirm:
*Check to ensure vehicle is equipped.
*Check Whether The Vehicle Wiring And Fuse Are Ok.
↑ ↓ ← → OK ESC

Poznámka: kroky uvedené výše vyžadují spojení zařízení s vozidlem.

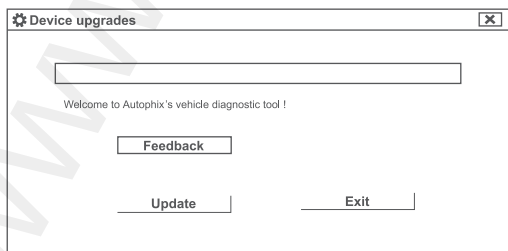
Po úspěšném použití, spojte zařízení s počítačem a přehrejte data.

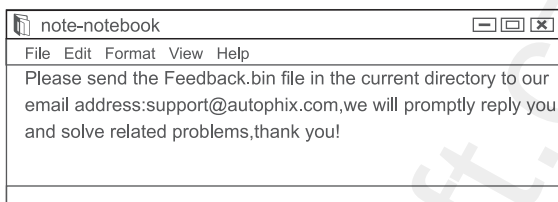


Spojte zařízení s počítačem. Otevřete aktualizovaný soubor, vyberte Upgrade.

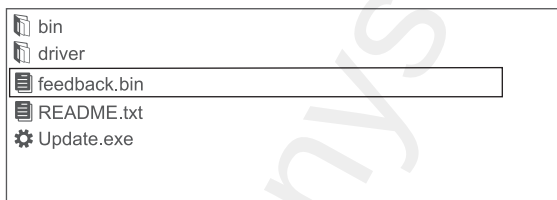


Poté: vyberte "Upgrade Tools", stiskněte "Feedback" a zobrazte následující:





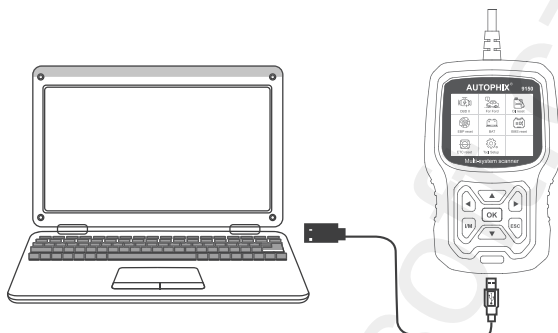
Vyberte uvedený soubor: a zašlete soubor Feedback.bin na support@autophix.com.



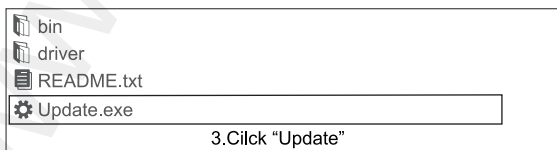
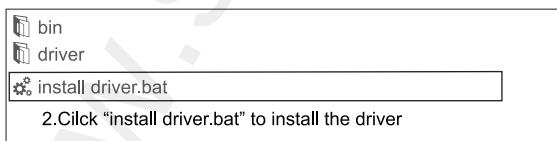
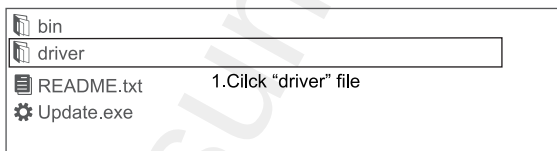
Poznámka: kroky uvedené výše, se zobrazí po spojení zařízení s počítačem.

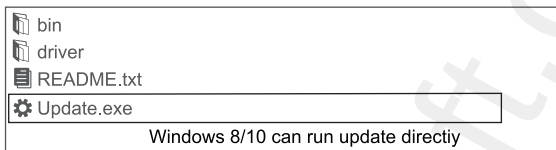
5. Aktualizace

1. Stáhněte software.
2. Spojte zařízení s počítačem prostřednictvím USB kabelem.



3. Software je podporován Windows 7/8/10.
Pokud máte Windows 7, ověřte "Install driver.bat".
Windows 8/10 aktualizuje automaticky.





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

AUTOPHIX[®]

Benutzerhandbuch

9150



Sicherheitshinweis

Bitte lesen Sie diese Bedienungsanleitung vor der ersten Benutzung sorgfältig durch. Bewahren Sie diese Bedienungsanleitung zum **späteren** Nachschlagen auf.

1. Der Testprozess ist **in erster Linie für technisches Personal bestimmt**.
2. Beachten Sie **die Sicherheitshinweise. Andernfalls besteht Verletzungsgefahr oder die Gefahr von Schäden am Gerät und am Fahrzeug.**
3. **Bitte lesen Sie vor der ersten Benutzung auch die Bedienungsanleitung des Fahrzeugs. Andernfalls besteht Beschädigungsgefahr.**
4. **Verwenden Sie das Gerät in einem gut belüfteten Raum.**
Ein Auto erzeugt im Betrieb Kohlenmonoxid und andere giftige Gase. Andernfalls besteht die Gefahr einer Gasvergiftung.
5. **Während des Fahrzeugbetriebs sind viele interne Teile in Bewegung. Halten Sie ausreichend Abstand zu beweglichen Teilen, da sonst Verletzungsgefahr besteht.**
6. **Während des Fahrzeugbetriebs werden einige Teile sehr heiß. Berühren Sie diese nicht mit bloßen Händen. Andernfalls besteht Verletzungsgefahr.**
7. **Schließen Sie das Gerät nicht an oder trennen Sie es vom Stromnetz, während das Fahrzeug in Betrieb ist. Schließen Sie das Gerät nur an bzw. trennen Sie es vom Stromnetz, wenn das Fahrzeug ausgeschaltet ist.**
8. **Kraftstoff- und Batteriedämpfe sind leicht entzündlich. Während des Betriebs nicht rauchen oder offenes Feuer verwenden.**
Andernfalls besteht die Gefahr von Explosionen, Bränden und Verletzungen.

Kompatibilität 1.

Fahrzeugunterstützung: Ford, Lincoln und Mercury, hergestellt nach 1996 mit 16-poliger Steckdose, mit F150, Transit, VAN.
2. OBDII/EOBD-Unterstützung.

Spezifikationen

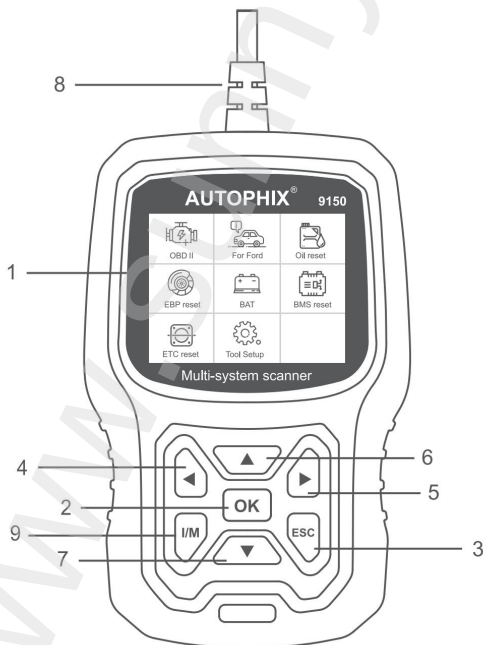
2,8-Zoll-LCD-Farbdisplay, 320 x 240 Pixel

Betriebsspannung: 8 V - 18 V

Betriebstemperatur: -10 - 60 °C

Lagertemperatur: -20 - 70 °C

Gerätebeschreibung



1. LCD-Display – Anzeige der **Messergebnisse**, Hintergrundbeleuchtung, 320 x 240 Pixel.

2. OK- **Taste** – bestätigt die **Menüauswahl**.

3. ESC- **Taste** – bricht die **Auswahl im Menü** ab oder kehrt zum Menü zurück
Speisekarte.

4. Linke **Taste** – Bewegen Sie sich im Menü nach links und unterhalb des Menüs können Sie **beim Anzeigen von Daten mit der Taste zum vorherigen** Bildschirm zurückkehren.

5. Rechte **Maustaste** – Bewegen Sie sich im Menü und unterhalb des Menüs nach rechts, während Sie Daten anzeigen. Verwenden Sie die Maustaste , um zum nächsten Bildschirm zu gelangen .

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** Daten für mehr als einen Bildschirm wiederhergestellt werden , bewegt man sich mit der Abwärtstaste 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 der **Fahrzyklusverifizierung** , des Verdunstungssystems usw.

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

Kommentar:

MIL gelb - Kontrollleuchte MIL an

MIL grau - Armaturenbrett MIL AUS

Ø - wird nicht unterstützt

✓ - vollständig

X - nicht vollständig

Bedienungsanleitung

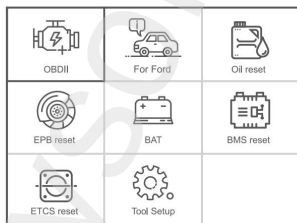
1. Anschluss 9150

1.1 **Zündung** einschalten .

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



Hauptschnittstelle



Hauptmenü

1.3 Hauptmenü

OBDII: Motorerkennung

"Für Ford": Test aller Systeme

"Öl-Reset": **Ölwechsel-** Reset

„**EPB-Reset**“: **Austausch der EPB-Bremsbeläge**

"**BAT**": **Echtzeit-Batteriespannungsanzeige**

"BMS-Reset": **Batteriemanagementsystem** zurücksetzen

„**ETC-Reset**“: **Drosselklappensteuerung** zurücksetzen

„**Werkzeugeinstellungen**“: Sprache, akustischer Alarm,

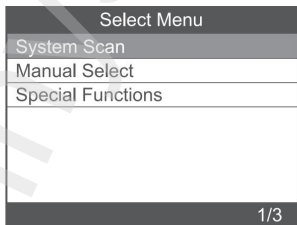
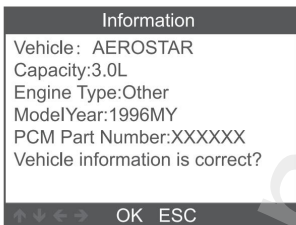
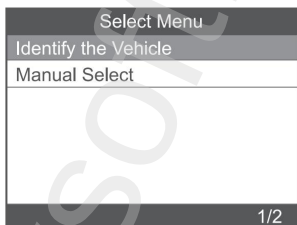
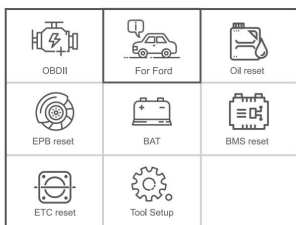
Anweisungen (werden **beim Einschalten angezeigt**),

Maßeinheit, Oberflächenart, Rückmeldung

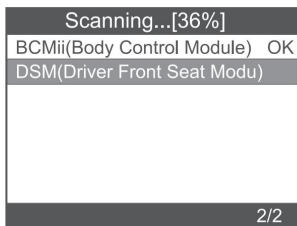
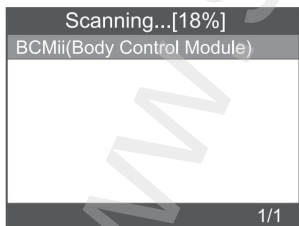
2. Funktion 9150

2.1 Grundfunktionen

Wählen Sie „Für Ford“, um Folgendes anzuzeigen:



„Systemscan“ scannt das Fahrzeugsystem. Drücken Sie „Systemscan“, um Folgendes anzuzeigen:



Scanning...[81%]	
BCMii(Body Control Module)	OK
PCM(Power train Control M...	OK
PDM(Passenger Front Door	
3/3	

Select System Diagnose	
BCMii(Body Control Module)	OK
PCM(Power train Control M...	OK
1/2	

„Manuelle Auswahl“ zeigt alle möglichen Systeme an.

Wählen Sie eines aus und führen Sie **eine Diagnose durch**.

Wählen Sie „Manuelle Auswahl“ und Folgendes anzeigen:

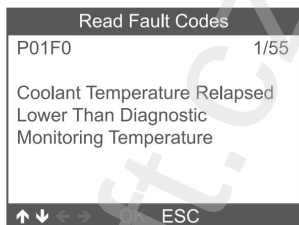
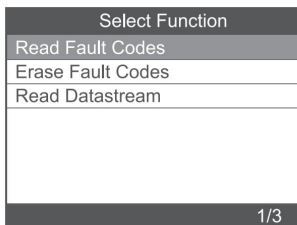
Select Menu	
System Scan	
Manual Select	
Special Functions	
2/3	

Select System Diagnose	
ABS(Antilock braking system)	
BCMii(Body Control Module)	
DDM(Driver Front Door Module)	
DSM(Driver Front Seat Module)	
GWM(Gateway Module A)	
HVAC(Heating Ventilation Air C..)	
IPC(Intrument Panel Control M...)	
1/11	

Select System Diagnose	
PCM(Power train Control Module)	
PDM(Passenger Front Door Mo...	
PSCM(Power Steering Control...	
RCM(Restraint Control Module)	
8/11	

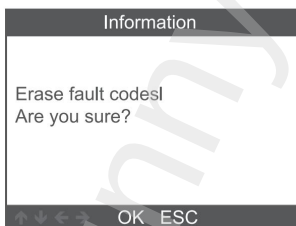
2.1.1 Auslesen von Fehlercodes

Wählen Sie „Fehlercodes lesen“. Drücken Sie die Auf-/Ab-Taste und überprüfen Sie die unten aufgeführten Fehlercodes:

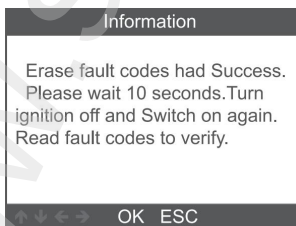


2.1.2 Fehlercodes löschen **Wählen**

Sie „Fehlercodes löschen“ und drücken Sie anschließend die OK-Taste, um Folgendes anzuzeigen:



Drücken Sie die OK-Taste erneut und löschen Sie die unten angezeigten Fehlercodes:



Wenn Sie die Fehlercodes nicht löschen möchten, drücken Sie die ESC-Taste.

2.1.3 Datenstrom lesen

Wählen Sie „Datenstrom lesen“ und drücken Sie anschließend die OK-Taste, um Folgendes anzuzeigen:

Select Function
Read Fault Codes
Erase Fault Codes
Read Datastream
3/3

Datastream
View All Items
Select Items
1/2

Wählen Sie „ Alle Elemente anzeigen“ und drücken Sie dann die OK-Taste, um Folgendes anzuzeigen:

Datastream	
A/C Pressure Sensor Voltage[Voits]	1.40
A/C clutch output fault detected.	NO Fault
CMP and CKP Synchronized	Yes
o2s11 Status	NO Fault
o2s11 is warm and ready to operate.	Yes
1-5/471	

Wählen Sie „Elemente auswählen“ und drücken Sie dann die OK-Taste. Im Display wird Folgendes angezeigt:

Datastream
View All Items
Select Items
2/2

Select Datastream	
[]	All Datastream of Page
[]	A/C Pressure Sensor Voltage
[]	A/C clutch output fault detected.
[]	A/C Pressure sensor
[]	CMP and CKP Synchronized
1-4/284	

Drücken Sie die linke/rechte Taste, um zur nächsten Seite zu gelangen.

Drücken Sie die Auf-/Ab-Taste, um die einzelnen Optionen auszuwählen.

2.2 Wichtigste Sonderfunktionen

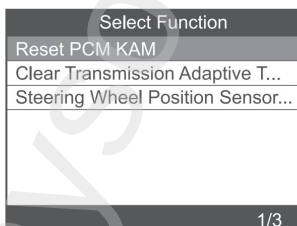
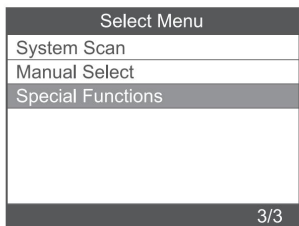
Das ist von Fahrzeugmodell zu Fahrzeugmodell unterschiedlich.

Hier werden nur ausgewählte **Gerätefunktionen** aufgeführt .

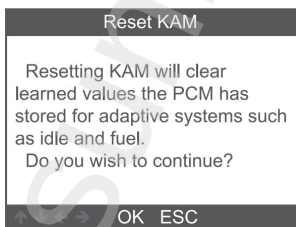
Wenn Sie an weiteren Funktionen interessiert sind, wenden Sie sich bitte an den Hersteller.

2.2.1 PCM- CAM zurücksetzen

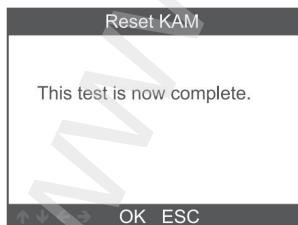
Wählen Sie „Sonderfunktionen“, um Folgendes anzuzeigen:



Wählen Sie „PCM KAM zurücksetzen“ und lassen Sie sich Folgendes anzeigen:



Drücken Sie **OK**, um zum nächsten Schritt zu gelangen und die Aktion mit speziellen Funktionen abzuschließen.



2.2.2 DPF zurücksetzen

Wählen Sie „Sonderfunktionen“ und lassen Sie sich Folgendes anzeigen:

Select Menu
System Scan
Manual Select
Special Functions
3/3

Select Function
ABS Service Bleed
Clear EGR Adaptive Tables
DPF Reset
DPF Manual Regeneration
3/4

Drücken Sie **die OK-Taste, um Folgendes anzuzeigen:**

DPF Reset
Resetting completed.
↑ ↓ ← → OK ESC

Drücken Sie **OK** und fahren Sie fort:

DPF Reset
Warning This procedure resets the DPF date. Do you wish to continue?
↑ ↓ ← → OK ESC

2.2.3 Einstellen der Anzahl **der Einspritzdüsen**

Wählen Sie im Motorsystem „Sonderfunktionen“ aus und lassen Sie sich Folgendes anzeigen:

Select Function
ABS Service Bleed
Reset TCM KAM
Clear Transmission Adaptive T...
DPF Manual Regeneration
IQA

5/5

Wählen Sie „Einspritzmengenanpassung “ und lassen Sie sich Folgendes anzeigen:

Injector Quantity Adjustment
Carry out this procedure to enter the new IQA date whenever a fuel in ject is replaced or to make a correction to the existing in jector IQA data currently stored in the PCM.

↑ ↓ ← → OK ESC

Injector Quantity Adjustment
On the following screen,the diagnostic tester will attempt to retrieve the in jector IQA data from the PCM allowing for verification and data entry. Perform the following :

↑ ↓ ← → OK ESC

Drücken Sie **OK und fahren Sie wie folgt fort:**

Injector 1	
OK	
Delete	
0	
1	Enter the character IQA data
2	
3	
4	
3/38	↑ ↓ ← → OK ESC

Drücken Sie die **OK-Taste**. Sie müssen die **OK-Werte** manuell eingeben. Anschließend wird Folgendes angezeigt:

Injector Quantity Adjustment	
In ject...	
Next	In jector 1#FC2F A 03028
	In jector 2#002F5FF 020

9/9 ↑ ↓ ← → OK ESC

Drücken Sie die linke Taste und bewegen Sie die Auswahl nach unten.
Drücken Sie die rechte Auswahlstaste unten.
Drücken Sie **OK**, um das nächste Element anzuzeigen:

Injector Quantity Adjustment
Set ignition switch to OFF (Position 0).

↑ ↓ ← → OK ESC

Injector Quantity Adjustment
Set the ignition switch to ON.

↑ ↓ ← → OK ESC

Drücken Sie **OK**, um das nächste Element anzuzeigen:

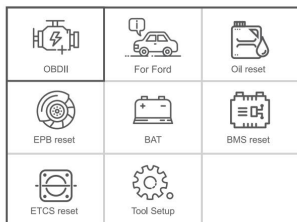
Injector Quantity Adjustment
The following injector IQA data is currently stored in the PCM.
In jector 1:FC2FA03028
In jector 2:002F5FF020
In jector 3:FC201F5028

↑ ↓ ← → OK ESC

Hinweis: Die Konfiguration variiert von Modell zu Modell.

3 OBDII-Diagnose

Wählen Sie „OBDII“ und lassen Sie sich Folgendes anzeigen:



Select System Diagnose	
J1850 VPW	[fail]
J1850 PWM	[fail]
ISO15765-4 CAN (11bit)	[fail]
ISO15765-4 CAN (29bit)	[]
ISO14230-4 KWP	[]
ISO14230-4 KWP(5BPS)	[]
ISO9141	[]
Processing	

3.1 Auslesen von

Codes **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.

Weist auf ein Problem hin, das das Steuergerät während des aktuellen oder letzten Fahrzyklus festgestellt 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. Wählen Sie „Codes lesen“ und drücken Sie anschließend die OK-Taste.

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

Wenn keine Diagnosefehlermeldungen verfügbar sind

Bei fehlenden Codes erscheint die Meldung „Im Modul sind keine Codes vorhanden“ auf dem Display.

"Es sind keine (ausstehenden) Codes gespeichert! "

Im Modul gespeichert." **Warten Sie einige Sekunden oder**

Drücken Sie eine beliebige Taste, um in den Diagnosemodus zurückzukehren.

Speisekarte.

2. Fehlercodes und Definitionen auf dem Display

(Steuergerätnummer, DTC-Sequenz, Gesamt)

Anzahl der erkannten Codes, Art der Codes (allgemein)

Spezifikation).

DTC	
P1113	1/3
FORD	Pending
IAT Sensor Open/Short	
↑ ↓ → OK ESC	

3.2 Löschen von Codes

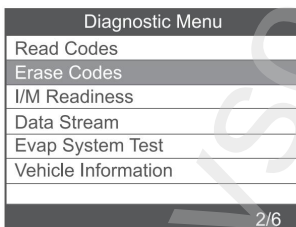
Hinweis: Die Funktion ist nur bei ausgeschaltetem Motor verfügbar.

Den Motor nicht starten.

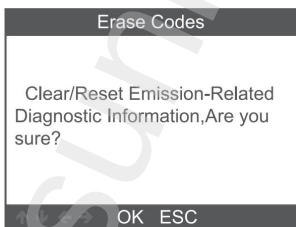
Bevor Sie diese Funktion ausführen, vergewissern Sie sich, dass Sie die Fehlercodes ausgelesen und notiert haben.

Nach dem Löschen der Fehlercodes sollten Sie diese erneut auslesen oder die Zündung einschalten und die Codes erneut auslesen. Falls weiterhin Fehlercodes für schwerwiegende Fehler angezeigt werden, ermitteln Sie zunächst die Fehlerursache und beheben Sie das Problem. Die Fehlercodes können nun gelöscht werden.

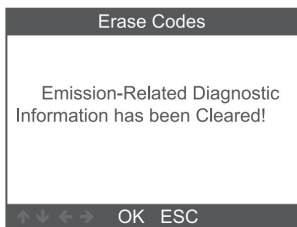
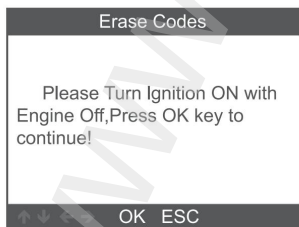
1. Wählen Sie „Codes löschen“ und drücken Sie anschließend die **OK-Taste**.



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



3. Drücken Sie **OK**, um zu bestätigen.



3.3 I/M -Bereitschaft

Wählen Sie „I/M-Bereitschaft“ und drücken Sie dann die OK-Taste.
Folgendes anzeigen:

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	

Verwenden Sie die Auf-/Ab-Tasten zur Auswahl und drücken Sie anschließend die OK-Taste, um Folgendes anzuzeigen:

I/M Readiness	
Misfire monitor	OK
Fuel system monitor	OK
Comprehensive component monitor	OK
Catalyst monitor	INC
Heated catalyst monitor	N/A
1-5/10	

N/A bedeutet, dass die Funktion für das jeweilige Modell nicht verfügbar ist.
Fahrzeug, INC geändert, es ist nicht vollständig oder nicht
Bereit zum Lesen, OK bedeutet, fertig oder überwacht.

3.4 Datenstrom

Wählen Sie „Datenstrom“, um Folgendes anzuzeigen:

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	

Datastream	
Fuel system 1 status	OL
Fuel system 2 status	OL
Calculated LOAD Value	0.0%
Engine Coolant Temperature	-31°C
Short Term Fuel Trim-Bank 1	0.0%
1-5/19	

3.5 EVAP-Systemtest Diese

Funktion **ermöglicht es Ihnen** , die notwendigen Bedingungen für einen EVAP-System- Dichtheitstest zu schaffen , führt den Test jedoch 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 sicherzustellen, dass die erforderlichen Vorgehensweisen eingehalten werden.

Diagnostic Menu
Read Codes
Erase Codes
I/M Readiness
Data Stream
Evap System Test
Vehicle Information
5/6

Erase System Test
Evaporative system leak test not supported.
↑ ↓ ← → OK ESC

3.6 Fahrzeuginformationen

Wählen Sie „Fahrzeuginformationen“, um Folgendes anzuzeigen:

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

Vehicle Information
Vehicle Identification Number (VIN) LVSFBFAC94F020950
Calibration Identifications(CID) 000007550753
Calibration Venfication Number (CVN) B5073064
↑ ↓ ← → OK ESC

4. Einstellungen

4.1 Sprache

Wählen Sie „Sprache“ aus, und Folgendes wird angezeigt:

 OBDII	 For Ford	 Oil reset
 EPB reset	 BAT	 BMS reset
 ETCS reset	 Tool Setup	

Tool Setup
Language
Beeper
Instructions(Display at startup)
Unit of Measure
Skin Style
Feedback the test result
1/6

Language
English
Français
Deutsch
Español
русский
Português
Svenska
1/10

Language
Dansk
Suomalainen
Norsk språk
8/10

4.2 Akustischer Alarm

Wählen Sie „Piepser“ aus, und Folgendes wird angezeigt:

Tool Setup
Language
Beeper
Instructions(Display at startup)
Unit of Measure
Skin Style
Feedback the test result
2/6

Beeper
OFF
ON
1/2

4.3 Anweisungen (Startanzeige)

Wählen Sie „Anleitung (Beim Start anzeigen)“ und lassen Sie sich Folgendes anzeigen:

Tool Setup	
Language	
Beeper	
Instructions(Display at startup)	
Unit of Measure	
Skin Style	
Feedback the test result	
3/6	

Instructions(Display at startup)	
OFF	
ON	
1/2	

4.4 Maßeinheit

Wählen Sie „Maßeinheit“, um Folgendes anzuzeigen:

Tool Setup	
Language	
Beeper	
Instructions(Display at startup)	
Unit of Measure	
Skin Style	
Feedback the test result	
4/6	

Unit of Measure	
Metric	
Imperial	
1/2	

4. 5 Stil

Wählen Sie „Designstil“, um Folgendes anzuzeigen:

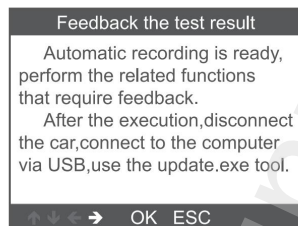
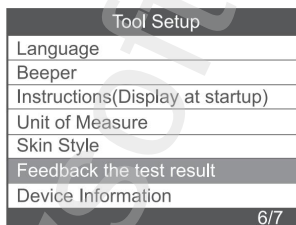
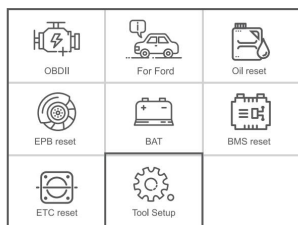
Tool Setup	
Language	
Beeper	
Instructions(Display at startup)	
Unit of Measure	
Skin Style	
Feedback the test result	
5/6	

Skin Style	
Sky Gray	
Gem Blue	
1/2	

4.6 Feedback Falls

während der Nutzung ein Fehler bei der Fahrzeugverbindung oder ein anderes Problem auftritt, nutzen Sie bitte die Feedback-Funktion.

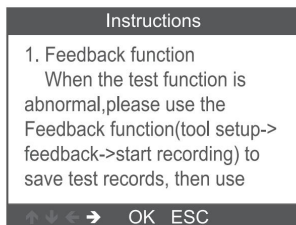
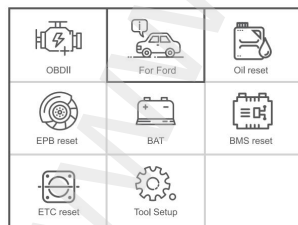
Wählen Sie „Werkzeugeinrichtung“, drücken Sie auf „Menü“, „Testergebnis zurückgeben“ und lassen Sie sich Folgendes anzeigen:



Das Gerät zeigt die Meldung „Feedback“ an und beendet das Feedback.

Drücken Sie ESC, um das Hauptmenü zu verlassen.

Beispiel: Sollte die Verbindung zum Ford-ABS-System fehlschlagen, gehen Sie wie folgt vor:



Nachdem das Feedback- Angebot verfügbar ist , **kehren Sie** zur Hauptseite zurück.
Menü: **Öffnen Sie** das Ford-Menü und rufen Sie die Benutzeroberfläche auf.
die keine Verbindung herstellen oder eine Operation nicht ausführen konnte
Die Diagnose war erfolglos .

Select Menu
Identify the Vehicle
Manual Select
1/2

Information
Vehicle: Transit
Capacity:2.2L
Engine Type:Duratorq-turbo
Diesel Common Rail Injection
ModelYear:2006.5MY
PCM Part Number:6C11AA
↑ ↓ → OK ESC

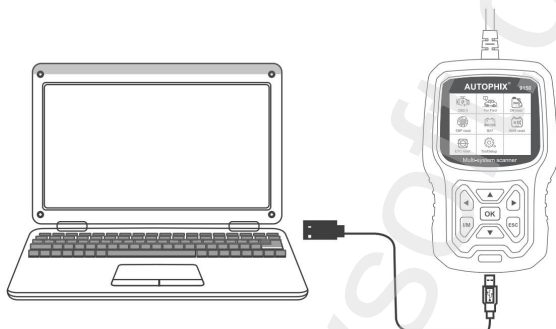
Select Menu
System Scan
Manual Select
Special Functions
3/3

Select Function
ABS Service Bleed
Diesel Particulate Filter Static ...
Fuel Injection Pump Learn
Fuel Injection Correction Factors
Reset the Diesel Particulate Filt...
1/5

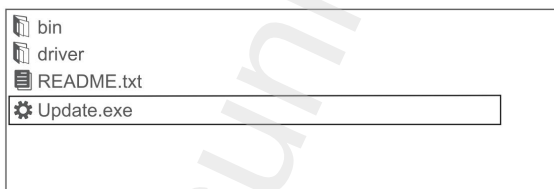
Information
This Module Is Not Responding.
Please Confirm:
*Check to ensure vehicle is equipped.
*Check Whether The Vehicle Wiring And Fuse Are Ok.
↑ ↓ ← → OK ESC

Hinweis: Für die oben beschriebenen Schritte muss **das Gerät mit dem Fahrzeug gekoppelt sein.**

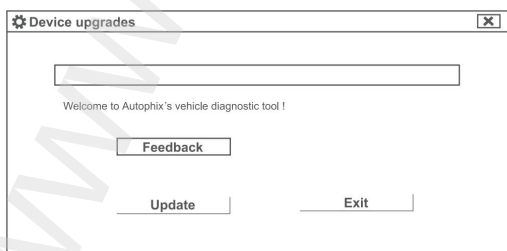
Nach **erfolgreicher Verwendung** schließen Sie das Gerät an den Computer an und Die Daten erneut abspielen.

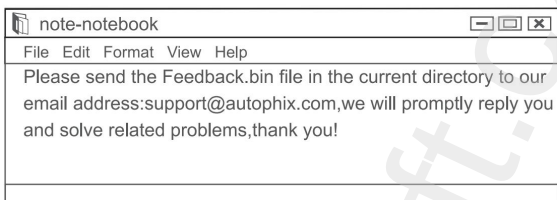


Verbinden Sie Ihr Gerät mit Ihrem Computer. Öffnen Sie die aktualisierte Datei. Datei, wählen Sie „Aktualisieren“.

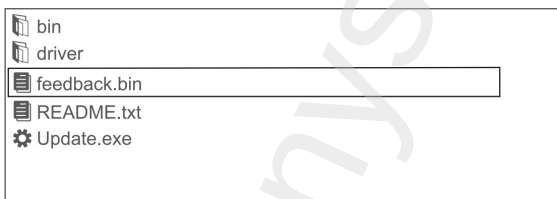


Wählen Sie anschließend „Upgrade-Tools“ aus, klicken Sie auf „**Feedback**“ und Folgendes wird angezeigt:





Wählen Sie die aufgelistete Datei aus und senden Sie die Datei Feedback.bin ab. an support@autophix.com.

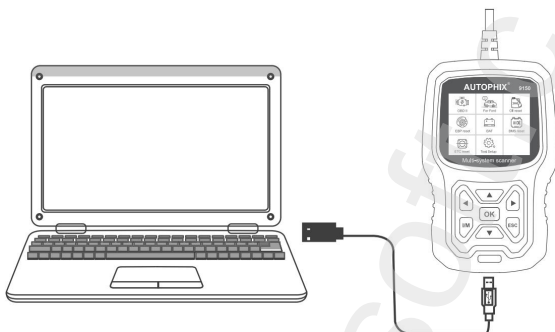


Hinweis: Die oben genannten Schritte werden nach der Verbindungsherstellung angezeigt.

Computergerät.

5. Aktualisierung

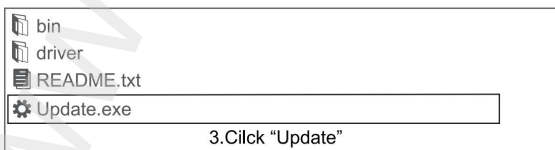
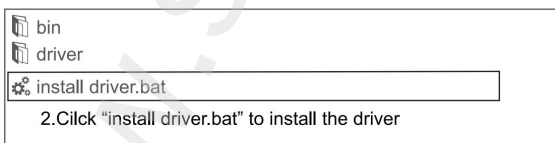
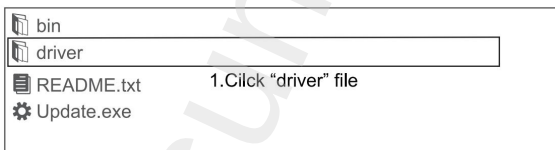
1. Laden Sie **die Software herunter.**
2. Verbinden Sie das Gerät über USB **mit dem Computer.** Kabel.

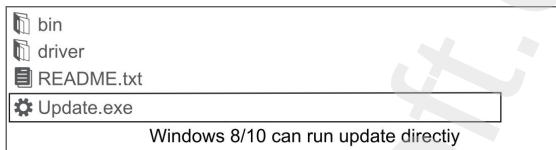


3. Die Software wird von Windows 7/8/10 unterstützt.

Wenn Sie Windows 7 verwenden, **aktivieren Sie die Option „Install driver.bat“**.

Windows 8/10 aktualisiert sich automatisch.





Distributor

Sunnysoft sro

Kovanecká 2390/1a

19000 Prag 9

Tschechische Republik

www.sunnysoft.cz

AUTOPHIX[®]

Felhasználói kézikönyv

9150



Biztonsági figyelmeztetés

Kérjük, használat előtt figyelmesen olvassa el ezt a kézikönyvet.
Őrizze meg a kézikönyvet későbbi felhasználás céljából.

1. A tesztelési folyamat elsősorban műszaki személyzet számára készült.

2. Kövesse a biztonsági utasításokat. Ellenkező esetben sérülésveszély, illetve a készülék és a jármű károsodásának veszélye áll fenn.

3. Kérjük, első használat előtt olvassa el a jármű kézikönyvét is.
Ellenkező esetben fennáll a károsodás veszélye.

4. A készüléket jól szellőző helyiségben használja.

Egy autó használat közben szén-monoxidot és más mérgező gázokat termel. Ellenkező esetben fennáll a gázmérgezés veszélye.

5. A jármű működése közben számos belső alkatrész is működik.
Tartson elegendő távolságot a mozgó alkatrészekről, különben sérülésveszély áll fenn.

6. A jármű működése közben egyes alkatrészek nagyon forrók lehetnek. Ne érintse meg őket csupasz kézzel. Ellenkező esetben sérülésveszély áll fenn.

7. Ne csatlakoztassa vagy húzza ki a készüléket a konnektorból, miközben a jármű üzemel. A készüléket csak akkor csatlakoztassa/húzza ki, ha a jármű ki van kapcsolva.

8. Az üzemanyag és az akkumulátor gőzei fokozottan gyúlékonyak.
Működés közben ne dohányozzon és ne használjon nyílt lángot.
Ellenkező esetben robbanás-, tűz- és sérülésveszély áll fenn.

Kompatibilitás 1.

Járműtámogatás: 1996 után gyártott Ford, Lincoln és Mercury 16 tűs csatlakozóval, F150, Transit, VAN járművekhez.

2. OBDII/EOBD támogatás.

Specifikációk

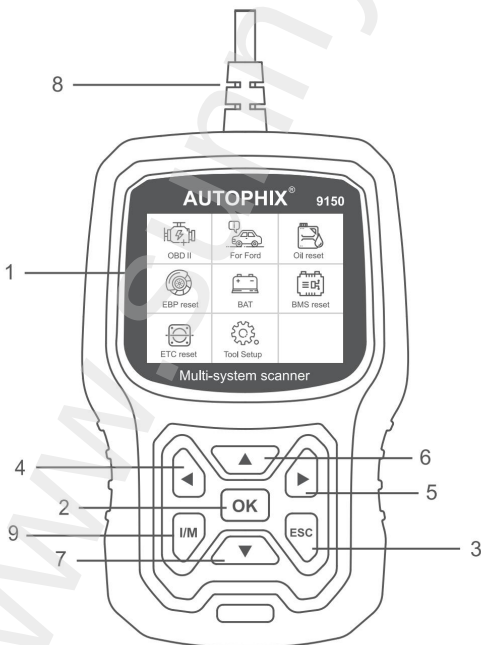
2,8"-os színes LCD kijelző, 320 x 240 pixel

Üzemi feszültség: 8V - 18V

Üzemi hőmérséklet: -10 - 60 °C

Tárolási hőmérséklet: -20 - 70 °C

Eszköz leírása



1. LCD kijelző – mérési eredmények megjelenítése , háttérvilágítás, 320 x 240 pixel.
2. OK gomb – megerősíti a menü kiválasztását.
3. ESC gomb – a menüből való kijelölés visszavonása vagy visszatérés a menü.
4. Balra gomb – balra mozog a menüben, és a menü alatt, adatok megtekintése közben a gombbal visszatérhet az előző képernyőre.
5. Jobbra gomb – a menüben való mozgáshoz, és a jobb oldali menü alatt, adatok megtekintése közben a gombbal a következő képernyőre léphet .
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 alatt. Több képernyő adatainak visszaállításakor a lefelé mozdulással a következő képernyőre léphet .
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 , a párologtató rendszer stb.

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

Kezelési útmutató

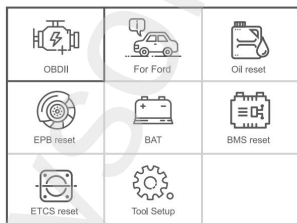
1. Csatlakozás 9150

1.1 Kapcsolja be a gyújtást.

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



Fő interfész



Főmenü

1.3 Fő funkciómenü

OBDII: motorérzékelés

„Fordnak”: minden rendszer tesztelése

„Olaj visszaállítás”: olajcsere visszaállítása

„EPB visszaállítás”: EPB fékbetét csere

„BAT”: valós idejű akkumulátorfeszültség-leolvasás

„BMS reset”: akkumulátorkelző rendszer visszaállítása

„ETC reset”: fojtószelep-szabályozás visszaállítása

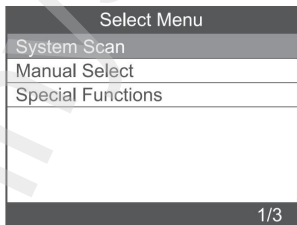
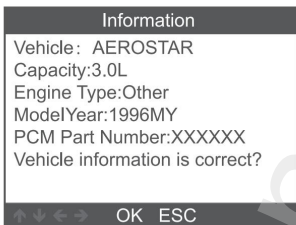
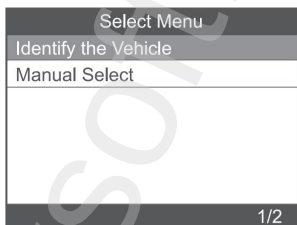
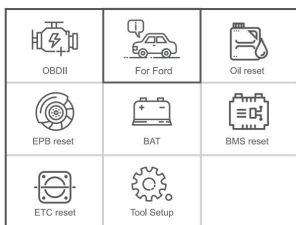
„Eszközbeállítás”: Nyelv, hangjelzés, utasítások

(bekapcsoláskor jelennek meg), mértékegység, felületstílus, visszajelzés

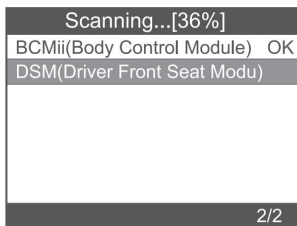
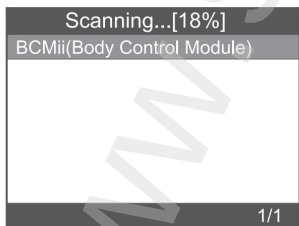
2. 9150-es funkció

2.1 Alapfunkciók

Válassza a „Ford” lehetőséget a következők megjelenítéséhez:



A „Rendszerellenőrzés” beolvasa a jármű rendszerét. Nyomja meg a „Rendszerellenőrzés” gombot a következők megjelenítéséhez:



Scanning...[81%]	
BCMii(Body Control Module)	OK
PCM(Power train Control M...	OK
PDM(Passenger Front Door	
3/3	

Select System Diagnose	
BCMii(Body Control Module)	OK
PCM(Power train Control M...	OK
1/2	

A „Manuális kiválasztás” az összes lehetséges rendszert mutatja, Válasszon ki egyet, és végezzen diagnosztikát.

Válassza a „Manuális kiválasztás” lehetőséget , és a következők megjelenítése:

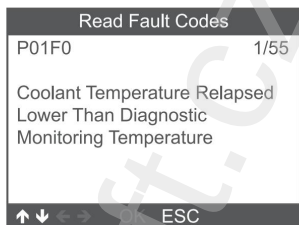
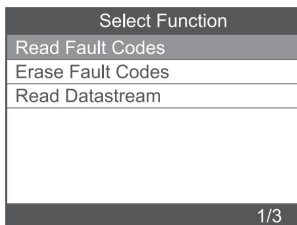
Select Menu	
System Scan	
Manual Select	
Special Functions	
2/3	

Select System Diagnose	
ABS(Antilock braking system)	
BCMii(Body Control Module)	
DDM(Driver Front Door Module)	
DSM(Driver Front Seat Module)	
GWM(Gateway Module A)	
HVAC(Heating Ventilation Air C..)	
IPC(Intrument Panel Control M...)	
1/11	

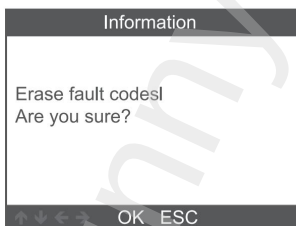
Select System Diagnose	
PCM(Power train Control Module)	
PDM(Passenger Front Door Mo...	
PSCM(Power Steering Control...	
RCM(Restraint Control Module)	
8/11	

2.1.1 Hibakódok olvasása

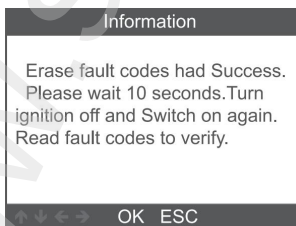
Válassza a „Hibakódok olvasása” lehetőséget. Nyomja meg a fel/le gombot, és ellenőrizze az alábbi hibakódokat:



2.1.2 Hibakódok törlése Válassza a „Hibakódok törlése” lehetőséget, majd nyomja meg az OK gombot a következők megjelenítéséhez:



Nyomja meg ismét az OK gombot , és törölje az alább látható hibakódokat:



Ha nem szeretné törölni a hibakódokat, nyomja meg az ESC gombot.

2.1.3 Adatfolyam olvasása

Válassza az „Adatfolyam olvasása” lehetőséget, majd nyomja meg az OK gombot a következők megjelenítéséhez:

Select Function
Read Fault Codes
Erase Fault Codes
Read Datastream
3/3

Datastream
View All Items
Select Items
1/2

Válassza az „Összes elem megtekintése” lehetőséget, majd nyomja meg az OK gombot a következők megjelenítéséhez:

Datastream	
A/C Pressure Sensor Voltage[Voits]	1.40
A/C clutch output fault detected.	NO Fault
CMP and CKP Synchronized	Yes
o2s11 Status	NO Fault
o2s11 is warm and ready to operate.	Yes
1-5/471	

Válassza a „Tételek kiválasztása” lehetőséget, majd nyomja meg az OK gombot. A kijelzőn a következő jelenik meg:

Datastream
View All Items
Select Items
2/2

Select Datastream	
[]	All Datastream of Page
[]	A/C Pressure Sensor Voltage
[]	A/C clutch output fault detected.
[]	A/C Pressure sensor
[]	CMP and CKP Synchronized
1-4/284	

A bal/jobb gombbal léphet a következő oldalra.

Nyomja meg a fel/le gombot az egyesek kiválasztásához.

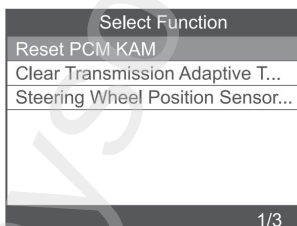
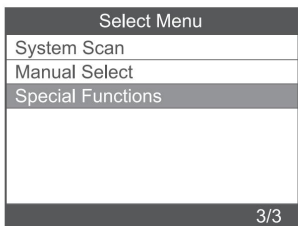
2.2 Fő speciális funkciók

Járműmodellenként változik.

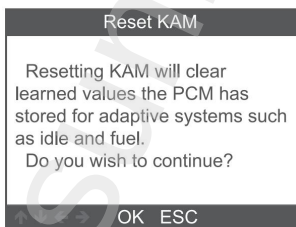
Csak a kiválasztott eszközfunkciók vannak itt felsorolva ,
Ha további funkciók érdekelnek , kérjük, vedd fel a kapcsolatot a gyártóval.

2.2.1 PCM KAM visszaállítása

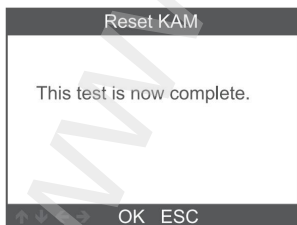
A „Speciális funkciók” kiválasztásával a következők jelennek meg:



Válassza a „PCM KAM visszaállítása” lehetőséget, és jelenítse meg a következőt:



Nyomja meg az OK gombot a következőre lépéshez, és fejezze be a műveletet a speciális funkciókkal.



2.2.2 DPF visszaállítása

Válassza ki a „Speciális funkciók” menüpontot, és jelenítse meg a következőket:

Select Menu
System Scan
Manual Select
Special Functions
3/3

Select Function
ABS Service Bleed
Clear EGR Adaptive Tables
DPF Reset
DPF Manual Regeneration
3/4

Az OK gomb megnyomásával jelenítheti meg a következőket:

DPF Reset
Resetting completed.
↑ ↓ ← → OK ESC

Nyomd meg az OK gombot, és folytasd:

DPF Reset
Warning This procedure resets the DPF date. Do you wish to continue?
↑ ↓ ← → OK ESC

2.2.3 A befecskendezők számának beállítása A motorrendszerben

válassza a „Speciális funkciók” lehetőséget, és jelenítse meg a következőket:

Select Function
ABS Service Bleed
Reset TCM KAM
Clear Transmission Adaptive T...
DPF Manual Regeneration
IQA

5/5

Válassza ki a „Befecskendező mennyiségének beállítása” lehetőséget, és jelenítse meg a következőket:

Injector Quantity Adjustment
Carry out this procedure to enter the new IQA date whenever a fuel in ject is replaced or to make a correction to the existing in jector IQA data currently stored in the PCM.
↑ ↓ ← → OK ESC

Injector Quantity Adjustment
On the following screen,the diagnostic tester will attempt to retrieve the in jector IQA data from the PCM allowing for verification and data entry. Perform the following :
↑ ↓ ← → OK ESC

Nyomja meg az OK gombot, és folytassa az alábbiak szerint:

Injector 1	
OK	
Delete	
0	
1	Enter the character IQA data
2	
3	
4	
3/38	↑ ↓ ← → OK ESC

Nyomja meg az OK gombot, manuálisan kell megadnia az OK értékeket,
és a következő jelenik meg:

Injector Quantity Adjustment	
In ject...	
Next	In jector 1#FC2F A 03028
	In jector 2#002F5FF 020
9/9 ↑ ↓ ← → OK ESC	

Nyomja meg a bal gombot, és mozgassa a kijelölést lefelé.

Nyomja meg a jobb oldali kiválasztó gombot alul.

Az OK gomb megnyomásával jelenítheti meg a következőt:

Injector Quantity Adjustment
Set ignition switch to OFF (Position 0).
↑ ↓ ← → OK ESC

Injector Quantity Adjustment
Set the ignition switch to ON.
↑ ↓ ← → OK ESC

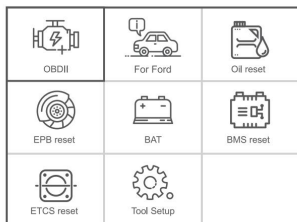
Az OK gomb megnyomásával jelenítheti meg a következőt:

Injector Quantity Adjustment
The following injector IQA data is currently stored in the PCM.
In jector 1:FC2FA03028
In jector 2:002F5FF020
In jector 3:FC201F5028
↑ ↓ ← → OK ESC

Megjegyzés: A konfiguráció modellenként eltérő.

3 OBDII diagnosztika

Válassza az „OBDII” lehetőséget, és jelenítse meg a következőket:



Select System Diagnose	
J1850 VPW	[fail]
J1850 PWM	[fail]
ISO15765-4 CAN (11bit)	[fail]
ISO15765-4 CAN (29bit)	[]
ISO14230-4 KWP	[]
ISO14230-4 KWP(5BPS)	[]
ISO9141	[]
Processing	

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 jelez, 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. Válassza a „Kódok olvasása” lehetőséget, majd nyomja meg az OK gombot.

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

Ha nincsenek diagnosztikai hibaüzenetek kódok esetén a „Nincsenek kódok a modulban” üzenet jelenik meg a kijelzőn. "Nincsenek (függőben lévő) kódok tárolva! " a modulban tárolva". Várjon néhány másodpercet, vagy nyomja meg bármelyik gombot a diagnosztikai módba való visszatéréshez menü.

2. Hibakódok és definíciók a kijelzőn
(vezérlőmodul száma, hibakódok sorrendje, összesen az észlelt kódok száma, a kódok típusa (általános specifikáció).

DTC	
P1113	1/3
FORD	Pending
IAT Sensor Open/Short	
↑ ↓ → OK ESC	

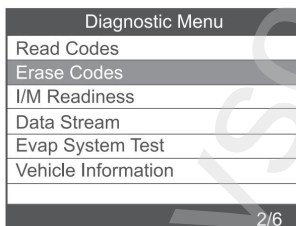
3.2 Kódok törlése

Megjegyzés: a funkció kikapcsolt motornál működik.
Ne indítsa be a motort.

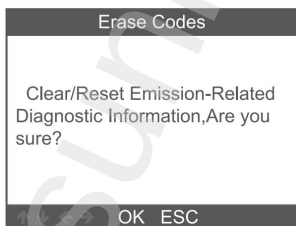
A funkció végrehajtása előtt győződjön meg arról, hogy leolvasta és feljegyezte a hibakódokat.

A hibakódok törlése után újra kell olvasni a hibakódokat, vagy kapcsolni kell a gyújtást, és újra kell olvasni a kódokat. Ha a súlyos hibákra utaló hibakódok továbbra is jelentkeznek, először derítse ki a hiba okát, majd oldja meg a problémát. A hibakódok most törölhetők.

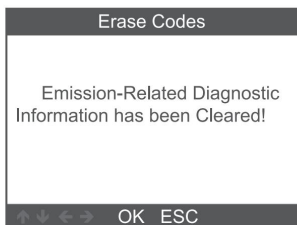
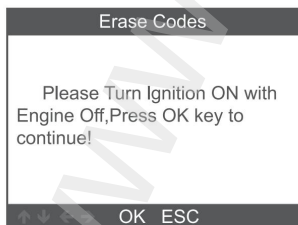
1. Válassza a „Kódok törlése” lehetőséget, majd nyomja meg az OK gombot.



2. Megjelenik egy figyelmeztető üzenet, amely megerősítést kér.



3. A megerősítéshez nyomja meg az OK gombot.



3.3 I/M készenlét

Válassza az „I/M Readiness” lehetőséget, majd nyomja meg az OK gombot. a következők megjelenítése:

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	

A fel/le gombbal válassza ki a lehetőséget, majd az OK gomb megnyomásával jelenítse meg a következőket:

I/M Readiness	
Misfire monitor	OK
Fuel system monitor	OK
Comprehensive component monitor	OK
Catalyst monitor	INC
Heated catalyst monitor	N/A
1-5/10	

Az N/A azt jelenti, hogy a funkció nem érhető el az adott modellhez. jármű, INC megváltozott, nem teljes vagy nem olvasásra kész, az OK jelentése kész vagy monitorozott.

3.4 Adatfolyam

Válassza az „Adatfolyam” lehetőséget a következők megjelenítéséhez:

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	

Datastream	
Fuel system 1 status	OL
Fuel system 2 status	OL
Calculated LOAD Value	0.0%
Engine Coolant Temperature	-31°C
Short Term Fuel Trim-Bank 1	0.0%
1-5/19	

3.5 EVAP rendszer teszt Ez a funkció lehetővé teszi az EVAP rendszer szivárgásteresztjének elvégzéséhez szükséges feltételek megteremtését, de magát a tesztet nem végzi el. A jármű gyártójának felelőssége a teszt automatikus leállításának kritériumainak beállítása.

A funkció végrehajtása előtt olvassa el a jármű szervizkönyvét a szükséges eljárások betartása érdekében .

Diagnostic Menu
Read Codes
Erase Codes
I/M Readiness
Data Stream
Evap System Test
Vehicle Information
5/6

Erase System Test
Evaporative system leak test not supported.
↑ ↓ ← → OK ESC

3.6 Járműadatok Válassza a „Járműadatok” lehetőséget a következők megtekintéséhez:

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

Vehicle Information
Vehicle Identification Number (VIN) LVSFBFAC94F020950
Calibration Identifications(CID) 000007550753
Calibration Venfication Number (CVN) B5073064
↑ ↓ ← → OK ESC

4. Beállítások

4.1 Nyelv

Válaszd a „Nyelv” lehetőséget, és a következő jelenik meg:

 OBDII	 For Ford	 Oil reset
 EPB reset	 BAT	 BMS reset
 ETCS reset	 Tool Setup	

Tool Setup
Language
Beeper
Instructions(Display at startup)
Unit of Measure
Skin Style
Feedback the test result
1/6

Language
English
Français
Deutsch
Español
русский
Português
Svenska
1/10

Language
Dansk
Suomalainen
Norsk språk
8/10

4.2 Hangjelzés

Válassza a „Beeper” lehetőséget, és a következő jelenik meg:

Tool Setup
Language
Beeper
Instructions(Display at startup)
Unit of Measure
Skin Style
Feedback the test result
2/6

Beeper
OFF
ON
1/2

4.3 Utasítások (indítóképernyő)

Válassza az „Utasítások (indításkor megjelenítése)” lehetőséget, és jelenítse meg a következőket:

Tool Setup
Language
Beeper
Instructions(Display at startup)
Unit of Measure
Skin Style
Feedback the test result
3/6

Instructions(Display at startup)
OFF
ON
1/2

4.4 Mértékegység

A „Mértékegység” kiválasztásával a következők jelennek meg:

Tool Setup
Language
Beeper
Instructions(Display at startup)
Unit of Measure
Skin Style
Feedback the test result
4/6

Unit of Measure
Metric
Imperial
1/2

4. 5 Stílus

Válassza a „Kinézet” lehetőséget a következők megjelenítéséhez:

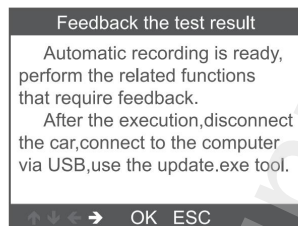
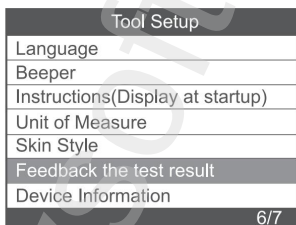
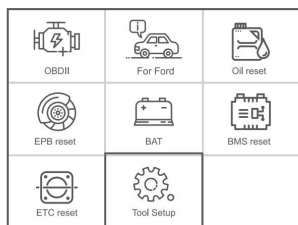
Tool Setup
Language
Beeper
Instructions(Display at startup)
Unit of Measure
Skin Style
Feedback the test result
5/6

Skin Style
Sky Gray
Gem Blue
1/2

4.6 Visszajelzés Ha

használat közben járműcsatlakozási hiba vagy egyéb probléma merül fel, kérjük, használja a visszajelzés funkciót.

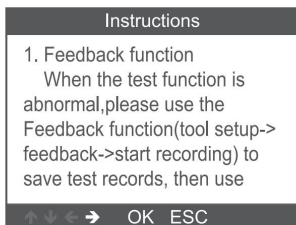
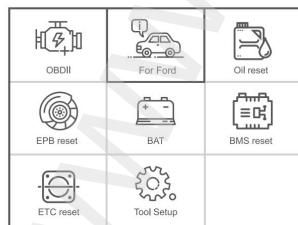
Válassza a „Szerszámbeállítás” lehetőséget, nyomja meg a „Teszteredmény visszajelzése” gombot, és jelenítse meg a következőket:



A készülék megjeleníti a „Visszajelzés” üzenetet, és befejezi a visszajelzést.

A főmenüből való kilépéshez nyomja meg az ESC billentyűt.

Például: ha a Ford ABS rendszer csatlakozása meghibásodik, folytassa a következő lépésekkel:



Miután a visszajelzési ajánlat elkészült , térjen vissza a főoldalra.
Menü: Nyissa meg a Ford menüt, lépjen be a kezelőfelületbe,
amely nem tudott csatlakozni vagy végrehajtani egy műveletet, amely
diagnosztika során sikertelen volt .

Select Menu
Identify the Vehicle
Manual Select
1/2

Information
Vehicle: Transit
Capacity:2.2L
Engine Type:Duratorq-turbo
Diesel Common Rail Injection
ModelYear:2006.5MY
PCM Part Number:6C11AA
↑ ↓ → OK ESC

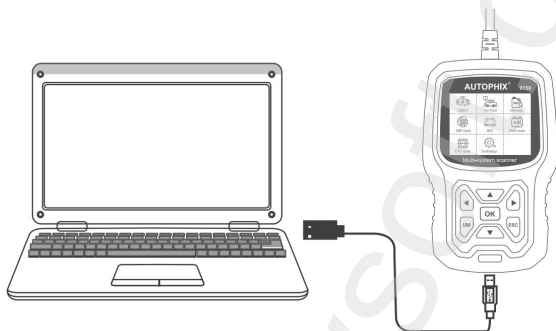
Select Menu
System Scan
Manual Select
Special Functions
3/3

Select Function
ABS Service Bleed
Diesel Particulate Filter Static ...
Fuel Injection Pump Learn
Fuel Injection Correction Factors
Reset the Diesel Particulate Filt...
1/5

Information
This Module Is Not Responding.
Please Confirm:
*Check to ensure vehicle is equipped.
*Check Whether The Vehicle Wiring And Fuse Are Ok.
↑ ↓ ← → OK ESC

Megjegyzés: A fenti lépésekhez a készüléket párosítani kell a járművel.

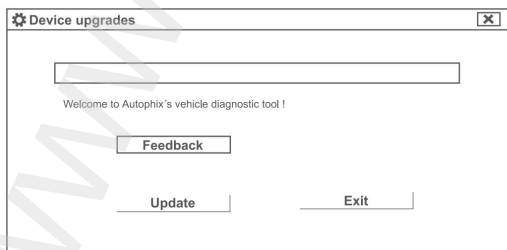
Sikeres használat után csatlakoztassa a készüléket a számítógéphez, és játssza le újra az adatokat.

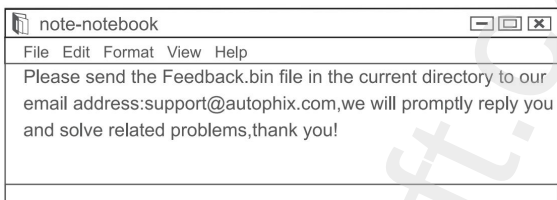


Csatlakoztassa eszközét a számítógéphez. Nyissa meg a frissített fájlt, válassza a Frissítés lehetőséget.

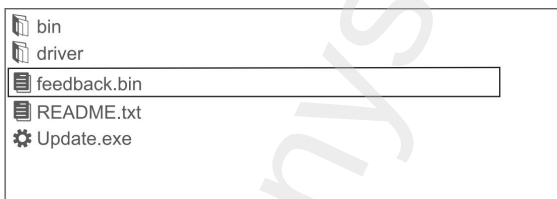


Ezután: válassza az „Eszközök frissítése” lehetőséget, nyomja meg a „Visszajelzés” gombot, és a következő jelenik meg:





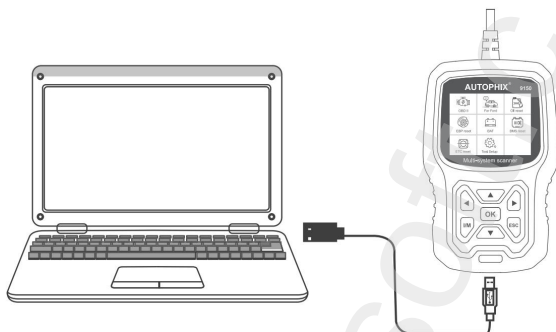
Válassza ki a listázott fájlt: és küldje el a Feedback.bin fájlt a support@autophix.com címen.



Megjegyzés: a fenti lépések a csatlakozás után jelennek meg. számítógépes eszköz.

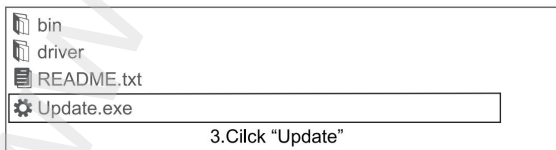
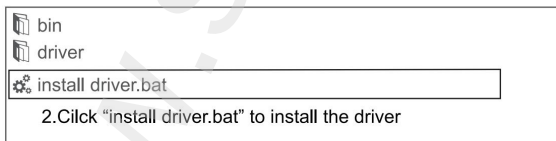
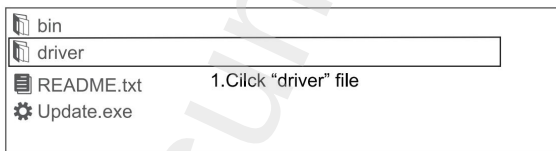
5. Frissítés

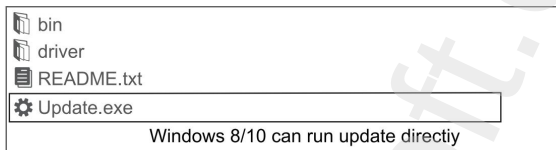
1. Töltse le a szoftvert.
2. Csatlakoztassa az eszközt a számítógéphez USB- kábellel kábel.



3. A szoftvert a Windows 7/8/10 támogatja.

Ha Windows 7 rendszert használsz, jelöld be a „Driver.bat telepítése” lehetőséget.
A Windows 8/10 automatikusan frissül.





Forgalmazó
Sunnysoft sro
Kovanecká 2390/1a
19000 Prága 9
Csehország
www.sunnysoft.cz

AUTOPHIX®

Ръководство за потребителя

9150



Съобщение за безопасност

Моля, прочетете внимателно това ръководство преди първата употреба.
Запазете това ръководство за бъдещи справки.

1. Процесът на тестване е предназначен предимно за технически персонал.
 2. Следвайте инструкциите за безопасност. В противен случай съществува риск от нараняване или повреда на устройството и превозното средство.
 3. Моля, прочетете и ръководството за употреба на превозното средство преди първата употреба. В противен случай съществува риск от повреда.
 4. Използвайте устройството в добре проветриво помещение.
Автомобилът генерира въглероден оксид и други токсични газове, когато се използва. В противен случай съществува риск от отравяне с газ.
 5. По време на работа на превозното средство много вътрешни части също работят. Спазвайте достатъчно разстояние от движещите се части, в противен случай съществува риск от нараняване.
 6. По време на работа на превозното средство някои части са много горещи. Не ги докосвайте с голи ръце. В противен случай съществува риск от нараняване.
 7. Не включвайте и не изключвайте устройството, докато превозното средство работи. Включвайте/изключвайте устройството само когато превозното средство е изключено.
 8. Изпаренията от горивото и батерията са лесно запалими. Не пушете и не използвайте открит пламък по време на работа.
- В противен случай съществува риск от експлозия, пожар и нараняване.

Съвместимост 1.

Поддържа автомобили: Ford, Lincoln и Mercury, произведени след 1996 г. с 16-пинов контакт с F150, Transit, VAN.

2. Поддръжка на OBDII/EOBD.

Спецификации

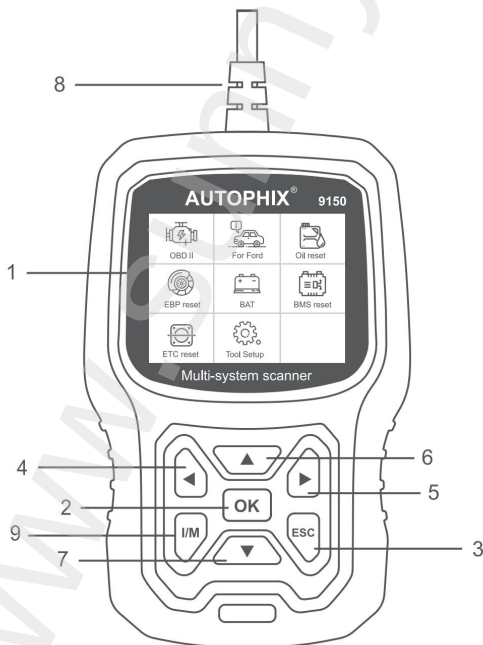
2,8-инчов LCD цветен дисплей, 320 x 240 пиксела

Работно напрежение: 8V - 18V

Работна температура: -10 - 60 °C

Температура на съхранение: -20 - 70 °C

Описание на устройството



1. LCD дисплей - показване на резултатите от измерванията, подсветка, 320 x 240 пиксела.
2. Бутон ОК - потвърждава избора от менюто.
3. Бутон ESC - отменя избора от менюто или връща към меню.
4. Ляв бутон - придвижване наляво в менюто и под менюто, докато преглеждате данни, използвайте бутон, за да се върнете към предишния екран.
5. Десен бутон - придвижване в менюто и под менюто вдясно, докато преглеждате данни, използвайте бутон, 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 възстановявате данни за повече от един екран, придвижете 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, системата за изпаряване и др.

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

Коментар:

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

⊘ - не поддържа

✓ - пълен

✗ - не е завършен

Инструкции за

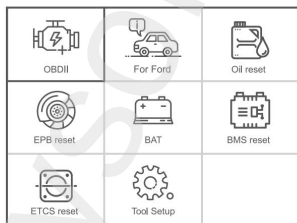
експлоатация 1. Свързване 9150

1.1 Включете запалването.

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



Главен интерфейс



Главно меню

1.3 Главно функционално меню

OBDII: откриване на двигател

„За Ford“: тестване на всички системи

„Нулиране на маслото“: нулиране на смяната на маслото

„Нулиране на EPB“: Смяна на накладките на EPB спирачката

„BAT“: отчитане на напрежението на батерията в реално време

„BMS нулиране“: нулиране на системата за управление на батерията

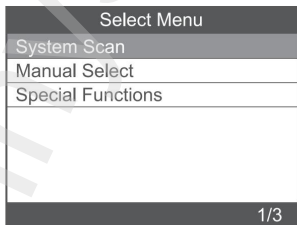
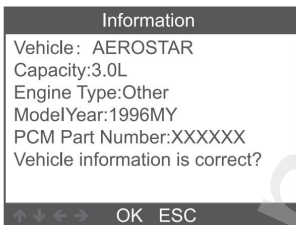
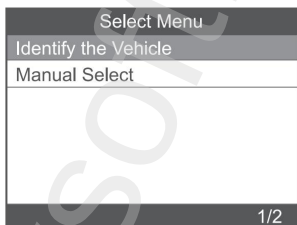
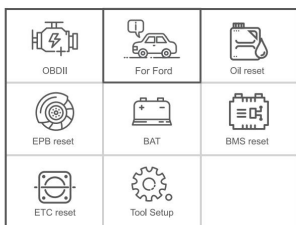
„ETC нулиране“: нулиране на управлението на дросела

„Настройка на инструмента“: Език, звукова аларма, инструкции (показват се при включване), мерна единица, стил на повърхността, обратна връзка

2. Функция 9150

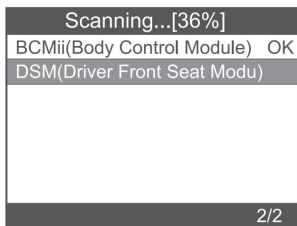
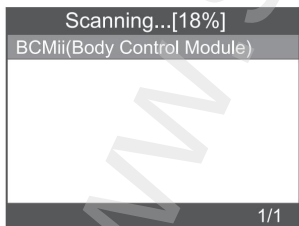
2.1 Основни функции

Изберете „За Ford“, за да се покаже следното:



„Сканиране на системата“ сканира системата на превозното средство.

Натиснете „Сканиране на системата“, за да се покаже следното:



Scanning...[81%]	
BCMii(Body Control Module)	OK
PCM(Power train Control M...	OK
PDM(Passenger Front Door	
3/3	

Select System Diagnose	
BCMii(Body Control Module)	OK
PCM(Power train Control M...	OK
1/2	

„Ръчен избор“ показва всички възможни системи, изберете един и извършете диагностика. Изберете „Ръчен избор“ и покажете следното:

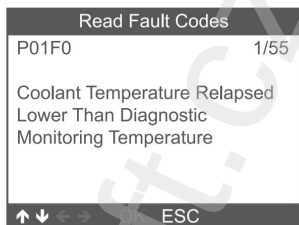
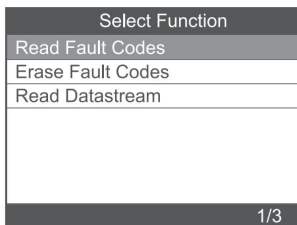
Select Menu	
System Scan	
Manual Select	
Special Functions	
2/3	

Select System Diagnose	
ABS(Antilock braking system)	
BCMii(Body Control Module)	
DDM(Driver Front Door Module)	
DSM(Driver Front Seat Module)	
GWM(Gateway Module A)	
HVAC(Heating Ventilation Air C..)	
IPC(Intrument Panel Control M...)	
1/11	

Select System Diagnose	
PCM(Power train Control Module)	
PDM(Passenger Front Door Mo...	
PSCM(Power Steering Control...	
RCM(Restraint Control Module)	
8/11	

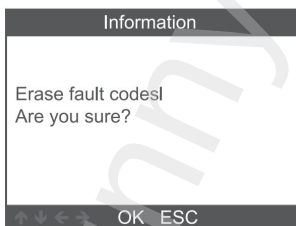
2.1.1 Четене на кодове за грешки

Изберете „Прочитане на кодове за грешки“. Натиснете бутона нагоре/надолу и проверете кодовете за грешки по-долу:

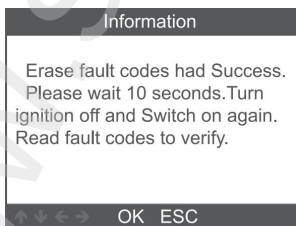


2.1.2 Изтриване на кодове за грешки

Изберете „Изтриване на кодове за грешки“ и след това натиснете бутона OK, за да се покаже следното:



Натиснете отново бутона OK и изчистете кодовете за грешки, показани по-долу:



Ако не искате да изчистите кодовете за грешки, натиснете бутона ESC.

2.1.3 Четене на поток от данни

Изберете „Четене на поток от данни“, след което натиснете бутона ОК, за да се покаже следното:

Select Function
Read Fault Codes
Erase Fault Codes
Read Datastream
3/3

Datastream
View All Items
Select Items
1/2

Изберете „Преглед на всички елементи“, след което натиснете бутона ОК, за да се покаже следното:

Datastream	
A/C Pressure Sensor Voltage[Voits]	1.40
A/C clutch output fault detected.	NO Fault
CMP and CKP Synchronized	Yes
o2s11 Status	NO Fault
o2s11 is warm and ready to operate.	Yes
1-5/471	

Изберете „Избор на елементи“, след което натиснете бутона ОК, на дисплея ще се покаже следното:

Datastream
View All Items
Select Items
2/2

Select Datastream	
[]	All Datastream of Page
[]	A/C Pressure Sensor Voltage
[]	A/C clutch output fault detected.
[]	A/C Pressure sensor
[]	CMP and CKP Synchronized
1-4/284	

Натиснете бутона за наляво/надясно, за да преминете към следващата страница.

Натиснете бутона нагоре/надолу, за да изберете всеки един от тях.

2.2 Основни специални функции

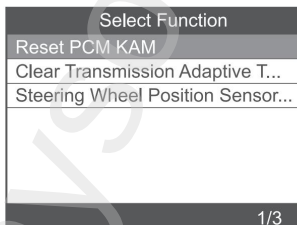
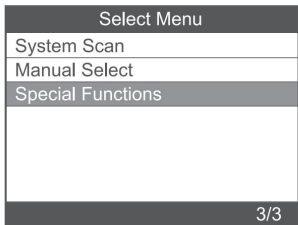
Варира от модел превозно средство до модел превозно средство.

Тук са изброени само избрани функции на устройството ,

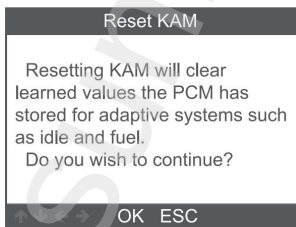
Ако се интересувате от повече функции, моля, свържете се с производителя.

2.2.1 Нулиране на PCM KAM

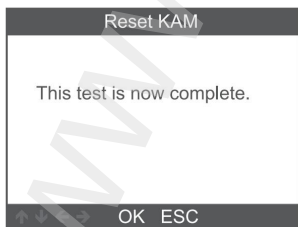
Изберете „Специални функции“, за да се покаже следното:



Изберете „Нулиране на PCM KAM“ и се показва следното:

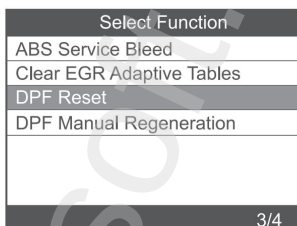
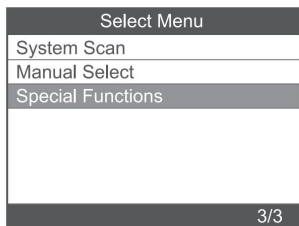


Натиснете OK, за да преминете към следващото и да завършите действието със специални функции.

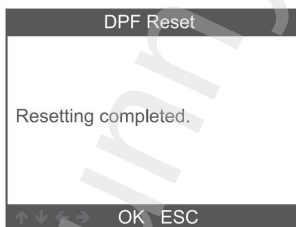


2.2.2 Нулиране на

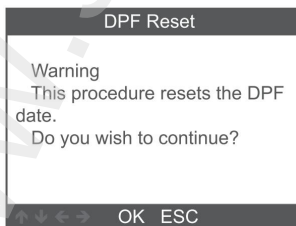
DPF филтъра Изберете „Специални функции“ и се показва следното:



Натиснете бутона OK, за да се покаже следното:



Натиснете OK и продължете:



2.2.3 Настройка на броя на инжекторите В

системата на двигателя изберете „Специални функции“ и се показва следното:

Select Function
ABS Service Bleed
Reset TCM KAM
Clear Transmission Adaptive T...
DPF Manual Regeneration
IQA

5/5

Изберете „Регулиране на количеството инжектори“ и се показва следното:

Injector Quantity Adjustment
Carry out this procedure to enter the new IQA date whenever a fuel in ject is replaced or to make a correction to the existing in jector IQA data currently stored in the PCM.

↑ ↓ ← → OK ESC

Injector Quantity Adjustment
On the following screen,the diagnostic tester will attempt to retrieve the in jector IQA data from the PCM allowing for verification and data entry. Perform the following :

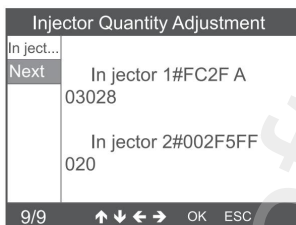
↑ ↓ ← → OK ESC

Натиснете ОК и продължете както следва:

Injector 1	
OK	
Delete	
0	
1	Enter the character IQA data
2	
3	
4	

3/38 ↑ ↓ ← → OK ESC

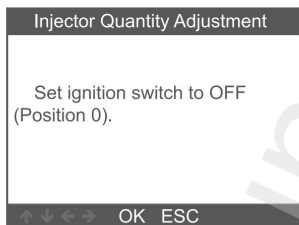
Натиснете бутона OK, трябва да въведете стойностите OK ръчно и ще се появи следното:



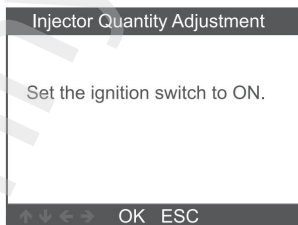
The screen displays the title "Injector Quantity Adjustment". Below the title, there is a table with two columns. The first column is labeled "In ject..." and the second column is labeled "Next". The table contains two rows of data: "In jector 1#FC2F A 03028" and "In jector 2#002F5FF 020". At the bottom of the screen, there is a status bar showing "9/9" and navigation buttons: up, down, left, right, OK, and ESC.

In ject...	Next
In jector 1#FC2F A	03028
In jector 2#002F5FF	020

Натиснете левия бутон и преместете селекцията надолу.
Натиснете десния бутон за избор в долната част.
Натиснете OK, за да се покаже следното:

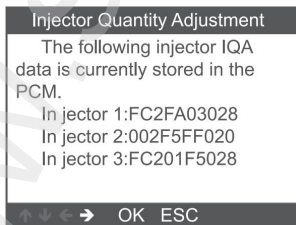


The screen displays the title "Injector Quantity Adjustment". Below the title, the text "Set ignition switch to OFF (Position 0)." is shown. At the bottom of the screen, there is a status bar showing navigation buttons: up, down, left, right, OK, and ESC.



The screen displays the title "Injector Quantity Adjustment". Below the title, the text "Set the ignition switch to ON." is shown. At the bottom of the screen, there is a status bar showing navigation buttons: up, down, left, right, OK, and ESC.

Натиснете OK, за да се покаже следното:

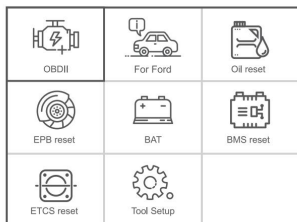


The screen displays the title "Injector Quantity Adjustment". Below the title, the text "The following injector IQA data is currently stored in the PCM." is shown. Below this text, there are three lines of data: "In jector 1:FC2FA03028", "In jector 2:002F5FF020", and "In jector 3:FC201F5028". At the bottom of the screen, there is a status bar showing navigation buttons: up, down, left, right, OK, and ESC.

Забележка: Конфигурацията варира в зависимост от модела.

3 OBDII диагностика

Изберете „OBDII“ и покажете следното:



Select System Diagnose	
J1850 VPW	[fail]
J1850 PWM	[fail]
ISO15765-4 CAN (11bit)	[fail]
ISO15765-4 CAN (29bit)	[]
ISO14230-4 KWP	[]
ISO14230-4 KWP(5BPS)	[]
ISO9141	[]
Processing	

3.1 Четене на

кодове Запаметените кодове са известни още като „фиксиран 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“.

Показва 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 загряване не възникне неизправност, индикаторът за неизправност няма да светне и кодовете ще бъдат изчистени от паметта.

1. Изберете „Прочитане на кодове“, след което натиснете бутона ОК.

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

Ако няма налични диагностични съобщения за грешки кодове, на дисплея се появява съобщението „Няма кодове в модула“. „Не са съхранени (чакащи) кодове!“
съхранено в модула“. Изчакайте няколко секунди или натиснете произволен бутон, за да се върнете в диагностичен режим меню.

2. DTC кодове и дефиниции на дисплея
(номер на контролния модул, последователност от DTC, общо брой открити кодове, вид кодове (обща спецификация).

DTC	
P1113	1/3
FORD	Pending
IAT Sensor Open/Short	
↑ ↓ → OK ESC	

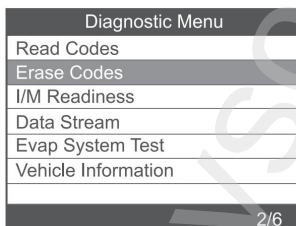
3.2 Изтриване на кодове

Забележка: функцията работи, когато двигателят е изключен.
Не стартирайте двигателя.

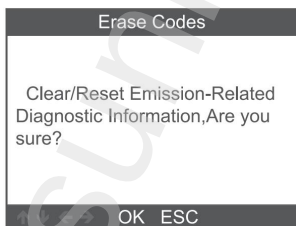
Преди да извършите тази функция, уверете се, че сте прочели и записали кодовете за грешки.

След изчистване, трябва да прочетете отново кодовете за грешки или да включите запалването и да ги прочетете отново. Ако все още се появяват кодове за сериозни грешки, първо открийте причината, която е причинила грешката, и след това отстранете проблема. Кодовете за грешки вече могат да бъдат изчистени.

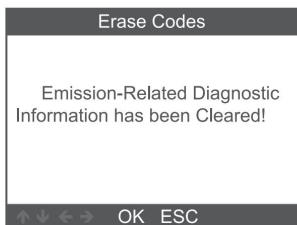
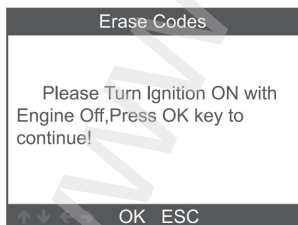
1. Изберете „Изтриване на кодове“, след което натиснете бутона OK.



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



3. Натиснете OK за потвърждение.



3.3 Готовност за I/M

Изберете „I/M Readiness“ (Готовност на I/M), след което натиснете бутона ОК и покажете следното:

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	

Използвайте бутоните нагоре/надолу, за да изберете, след което натиснете бутона ОК, за да се покаже следното:

I/M Readiness	
Misfire monitor	OK
Fuel system monitor	OK
Comprehensive component monitor	OK
Catalyst monitor	INC
Heated catalyst monitor	N/A
1-5/10	

„Няма данни“ означава, че функцията не е налична за дадения модел. превозно средство, променен INC, не е пълен или не е готов за четене, ОК означава, готово или наблюдавани.

3.4 Поток от данни

Изберете „Поток от данни“, за да се покаже следното:

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	

Datastream	
Fuel system 1 status	OL
Fuel system 2 status	OL
Calculated LOAD Value	0.0%
Engine Coolant Temperature	-31°C
Short Term Fuel Trim-Bank 1	0.0%
1-5/19	

3.5 Тест на EVAP системата Тази

функция ви позволява да създадете необходимите условия за извършване на тест за течове на EVAP системата, 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 сервисното ръководство на автомобила, за да се уверите в необходимите процедури.

Diagnostic Menu
Read Codes
Erase Codes
I/M Readiness
Data Stream
Evap System Test
Vehicle Information
5/6

Erase System Test
Evaporative system leak test not supported.
↑ ↓ ← → OK ESC

3.6 Информация за превозното

средство Изберете „Информация за превозното средство“, за да видите следното:

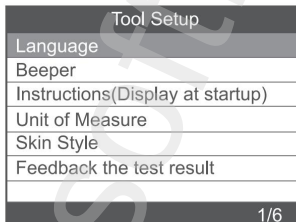
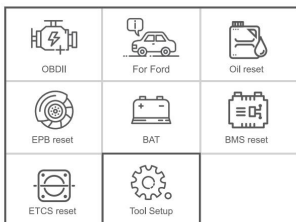
Diagnostic Menu
Read Codes
Erase Codes
I/M Readiness
Data Stream
Evap System Test
Vehicle Information
6/6

Vehicle Information
Vehicle Identification Number (VIN) LVSFBFAC94F020950
Calibration Identifications(CID) 000007550753
Calibration Venfication Number (CVN) B5073064
↑ ↓ ← → OK ESC

4. Настройки

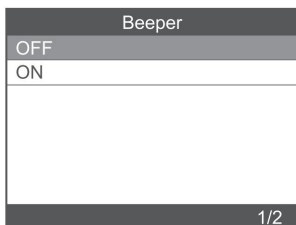
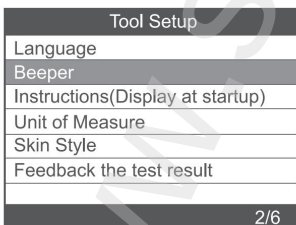
4.1 Език

Изберете „Език“ и ще се появи следното:



4.2 Звукова аларма

Изберете „Звуков сигнал“ и ще се появи следното:



4.3 Инструкции (стартов дисплей)

Изберете „Инструкции (Показване при стартиране)“ и покажете следното:

Tool Setup
Language
Beeper
Instructions(Display at startup)
Unit of Measure
Skin Style
Feedback the test result
3/6

Instructions(Display at startup)
OFF
ON
1/2

4.4 Мерна единица

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
4/6

Unit of Measure
Metric
Imperial
1/2

4.5 Стил

Изберете „Стил на кожата“, за да се покаже следното:

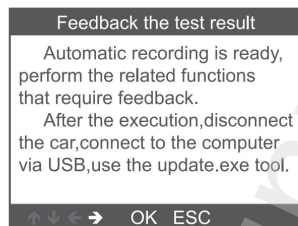
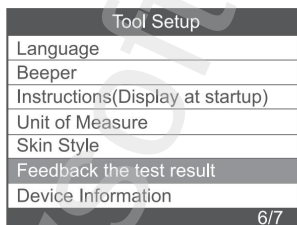
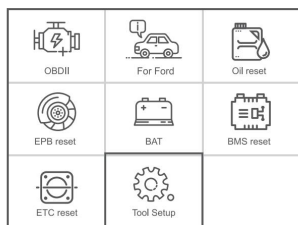
Tool Setup
Language
Beeper
Instructions(Display at startup)
Unit of Measure
Skin Style
Feedback the test result
5/6

Skin Style
Sky Gray
Gem Blue
1/2

4.6 Обратна връзка Ако

по време на употреба възникне грешка при свързването на превозното средство или друг проблем, моля, използвайте функцията за обратна връзка.

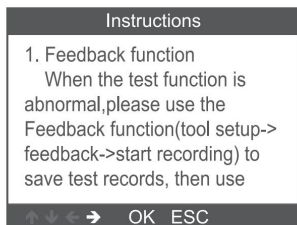
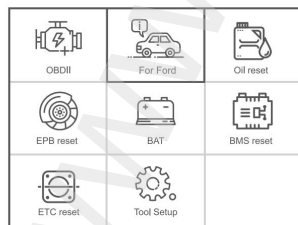
Изберете „Настройка на инструмента“, натиснете „Меню за обратна връзка с резултата от теста“ и се показва следното:



Устройството показва съобщението „Обратна връзка“ и прекратява обратната връзка.

Натиснете ESC, за да излезете от главното меню.

Например: ако връзката на ABS системата на Ford се повреди, продължете със следните стъпки:



След като офертата за обратна връзка е готова , върнете се към основното Меню: Отворете менюто на Ford, влезте в интерфейса, които не успяха да се свържат или да извършат операция, която беше неуспешен по време на диагностиката .

Select Menu
Identify the Vehicle
Manual Select
1/2

Information
Vehicle: Transit
Capacity:2.2L
Engine Type:Duratorq-turbo
Diesel Common Rail Injection
ModelYear:2006.5MY
PCM Part Number:6C11AA
↑ ↓ → OK ESC

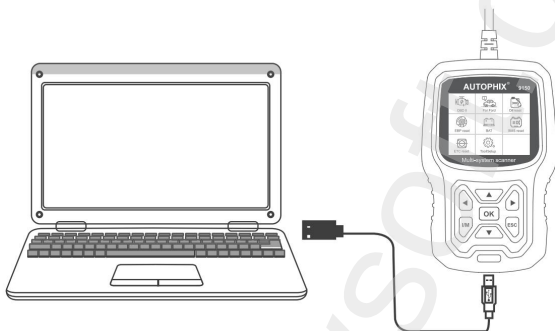
Select Menu
System Scan
Manual Select
Special Functions
3/3

Select Function
ABS Service Bleed
Diesel Particulate Filter Static ...
Fuel Injection Pump Learn
Fuel Injection Correction Factors
Reset the Diesel Particulate Filt...
1/5

Information
This Module Is Not Responding.
Please Confirm:
*Check to ensure vehicle is equipped.
*Check Whether The Vehicle Wiring And Fuse Are Ok.
↑ ↓ ← → OK ESC

Забележка: Горните стъпки изискват устройството да е сдвоено с превозното средство.

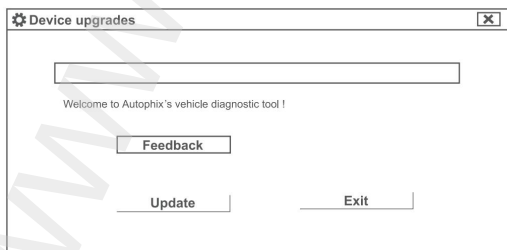
След успешна употреба, свържете устройството към компютъра и преиграйте данните.

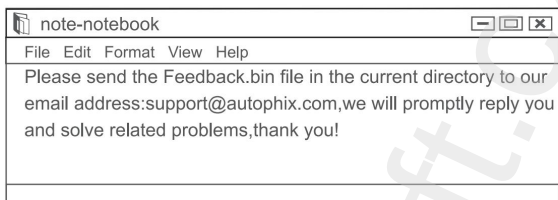


Свържете устройството си с компютъра. Отворете актуализираната файл, изберете Надграждане.

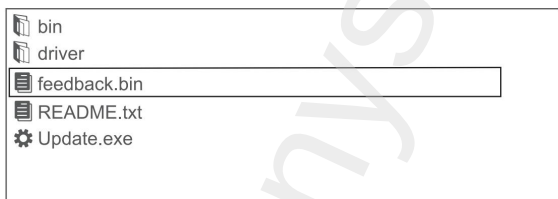


След това: изберете „Инструменти за надграждане“, натиснете „Обратна връзка“ и ще се появи следното:





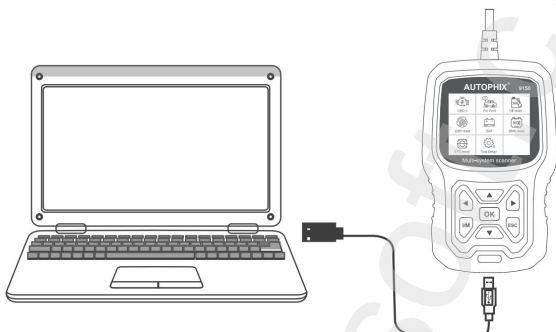
Изберете файла от списъка: и изпратете файла Feedback.bin на support@autophix.com.



Забележка: горните стъпки ще се появят след свързването компютърно устройство.

5. Актуализация

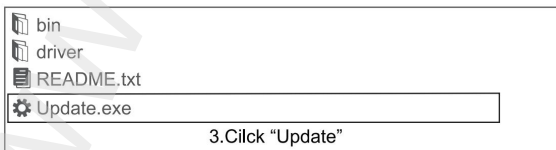
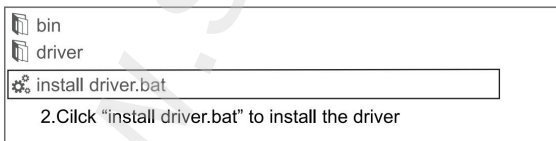
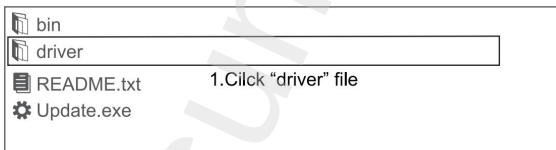
1. Изтеглете софтуера.
2. Свържете устройството към компютъра чрез USB кабел.

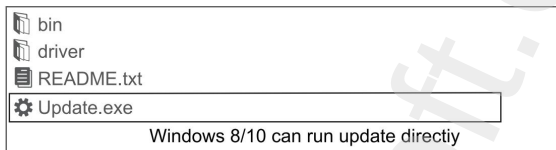


3. Софтуерът се поддържа от Windows 7/8/10.

Ако имате Windows 7, отметнете „Инсталиране на driver.bat“.

Windows 8/10 се актуализира автоматично.





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

AUTOPHIX[®]

Manual de utilizare

9150



Notificare de siguranță

Vă rugăm să citiți cu atenție acest manual înainte de prima utilizare. Păstrați acest manual pentru referințe ulterioare .

1. Procesul de testare este destinat în principal personalului tehnic.
2. Urmăriți instrucțiunile de siguranță. În caz contrar, există riscul de vătămare corporală sau de deteriorare a dispozitivului și a vehiculului.
3. Vă rugăm să citiți și manualul vehiculului înainte de prima utilizare. În caz contrar, există riscul de deteriorare.
4. Utilizați dispozitivul într-o încăpere bine ventilată.
O mașină generează monoxid de carbon și alte gaze toxice atunci când este în funcțiune. În caz contrar, există riscul de intoxicație cu gaz.
5. În timpul funcționării vehiculului, multe componente interne sunt, de asemenea, în funcțiune. Păstrați o distanță suficientă față de componentele mobile, altfel există riscul de accidentare.
6. În timpul funcționării vehiculului, unele componente sunt foarte fierbinți. Nu le atingeți cu mâinile goale. În caz contrar, există riscul de accidentare.
7. Nu conectați și nu deconectați dispozitivul în timp ce vehiculul este în funcțiune. Conectați/deconectați dispozitivul doar atunci când vehiculul este oprit.
8. Vaporii de combustibil și de la baterie sunt foarte inflamabili. Nu fumați și nu folosiți flăcări deschise în timpul funcționării.
În caz contrar, există riscul de explozie, incendiu și vătămare corporală.

Compatibilitate 1.

Vehicule suportate: Ford, Lincoln și Mercury fabricate după 1996 cu priză cu 16 pini, cu F150, Transit, VAN.

2. Suport OBDII/EOBD.

Specificații

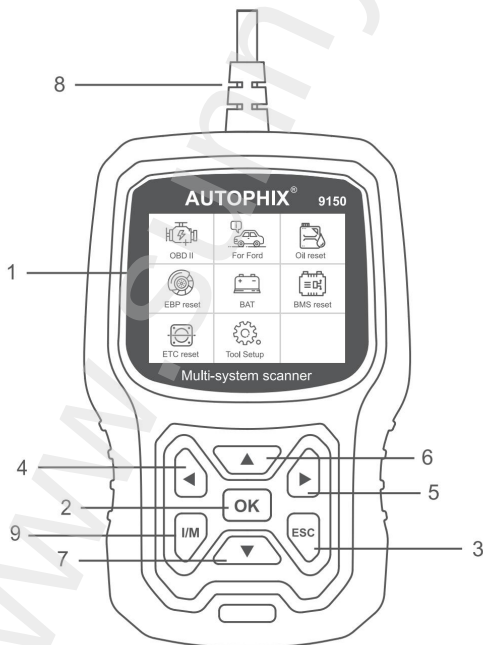
Ecran LCD color de 2,8", 320 x 240 pixeli

Tensiune de funcționare: 8V - 18V

Temperatura de funcționare: -10 - 60 °C

Temperatura de depozitare: -20 - 70 °C

Descrierea dispozitivului



1. Ecran LCD - afișarea rezultatelor măsurărilor, iluminare din spate, 320 x 240 pixeli.
2. Butonul OK - confirmă selecția din meniu.
3. Butonul ESC - anulează selecția din meniu sau revine la meniu.
4. Butonul stânga - deplasați-vă la stânga în meniu și sub meniu, în timp ce vizualizați datele, utilizați butonul pentru a reveni la ecranul anterior .
5. Butonul dreapta - deplasați-vă în meniu și sub meniul din 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 - deplasați-vă în jos în meniu și sub meniu; la restaurarea datelor 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 , sistemul Evap etc.

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

Comentariu:

Martor luminos galben - martor luminos bord aprins

Gri MIL - martorul de bord este dezactivat

Ø - nu susține

✓ - complet

X - necompletat

Instrucțiuni de utilizare

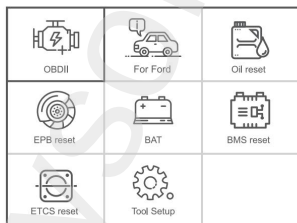
1. Conectarea 9150

1.1 Puneți contactul.

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



Interfața principală



Meniu principal

1.3 Meniul funcțiilor principale

OBDII: detectarea motorului

„Pentru Ford”: testarea tuturor sistemelor

„Resetare ulei”: resetare schimb ulei

„Resetare EPB”: Înlocuirea plăcuțelor de frână EPB

„BAT”: citire a tensiunii bateriei în timp real

„Resetare BMS”: resetarea sistemului de gestionare a bateriei

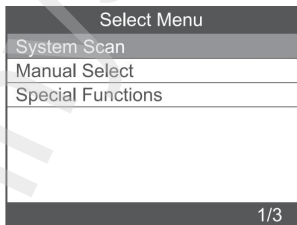
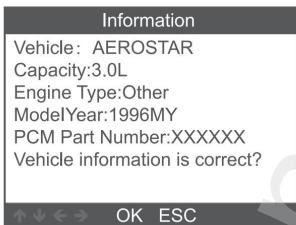
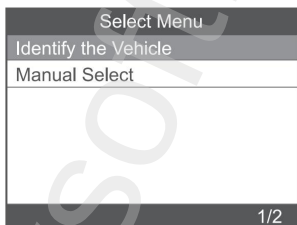
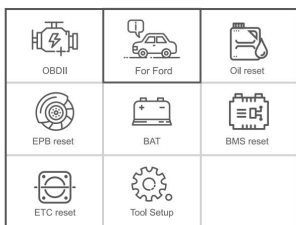
„Resetare ETC”: resetarea comenzii clapetei de accelerație

„Configurare instrument”: Limbă, alarmă sonoră, instrucțiuni (afișate când este pornit), unitate de măsură, stil suprafață, feedback

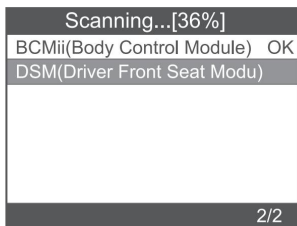
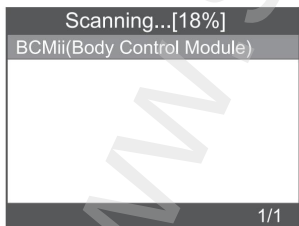
2. Funcția 9150

2.1 Funcții de bază

Selecțai „Pentru Ford” pentru a afișa următoarele:



„Scanare sistem” scanează sistemul vehiculului. Apăsați „Scanare sistem” pentru a afișa următoarele:



Scanning...[81%]	
BCMii(Body Control Module)	OK
PCM(Power train Control M...	OK
PDM(Passenger Front Door	
3/3	

Select System Diagnose	
BCMii(Body Control Module)	OK
PCM(Power train Control M...	OK
1/2	

„Selectare manuală” afișează toate sistemele posibile, selectați unul și efectuați diagnosticarea. Selectați „Selectare manuală” și afișați următoarele:

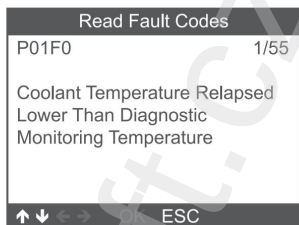
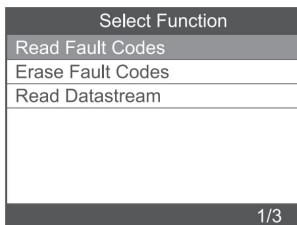
Select Menu	
System Scan	
Manual Select	
Special Functions	
2/3	

Select System Diagnose	
ABS(Antilock braking system)	
BCMii(Body Control Module)	
DDM(Driver Front Door Module)	
DSM(Driver Front Seat Module)	
GWM(Gateway Module A)	
HVAC(Heating Ventilation Air C..)	
IPC(Intrument Panel Control M...)	
1/11	

Select System Diagnose	
PCM(Power train Control Module)	
PDM(Passenger Front Door Mo...	
PSCM(Power Steering Control...	
RCM(Restraint Control Module)	
8/11	

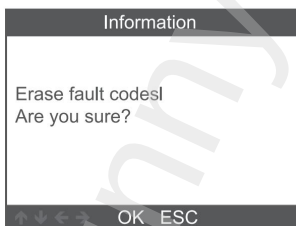
2.1.1 Citirea codurilor de eroare

Selectați „Citiți codurile de eroare”. Apăsați butonul sus/jos și verificați codurile de eroare de mai jos:

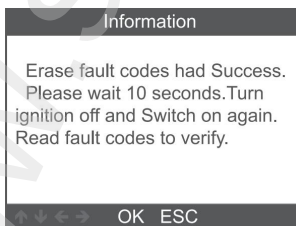


2.1.2 Ștergerea codurilor de eroare

Selecționați „Ștergerea codurilor de eroare” și apoi apăsați butonul OK pentru a afișa următoarele:



Apăsați din nou butonul OK și ștergeți codurile de eroare, afișate mai jos:



Dacă nu doriți să ștergeți codurile de eroare, apăsați butonul ESC.

2.1.3 Citire flux de date

Selectați „Citire flux de date”, apoi apăsați butonul OK pentru a afișa următoarele:

Select Function
Read Fault Codes
Erase Fault Codes
Read Datastream
3/3

Datastream
View All Items
Select Items
1/2

Selectați „Vizualizare toate elementele”, apoi apăsați butonul OK pentru a afișa următoarele:

Datastream	
A/C Pressure Sensor Voltage[Voits]	1.40
A/C clutch output fault detected.	NO Fault
CMP and CKP Synchronized	Yes
o2s11 Status	NO Fault
o2s11 is warm and ready to operate.	Yes
1-5/471	

Selectați „Selectați elemente”, apoi apăsați butonul OK, afișajul va afișa următoarele:

Datastream
View All Items
Select Items
2/2

Select Datastream	
[]	All Datastream of Page
[]	A/C Pressure Sensor Voltage
[]	A/C clutch output fault detected.
[]	A/C Pressure sensor
[]	CMP and CKP Synchronized
1-4/284	

Apăsați butonul stânga/dreapta pentru a trece la pagina următoare.

Apăsați butonul sus/jos pentru a selecta fiecare.

2.2 Funcții speciale principale

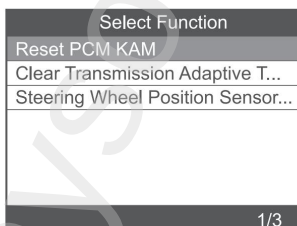
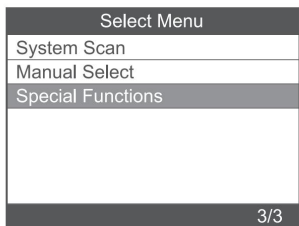
Variază de la modelul de vehicul la modelul de vehicul.

Doar funcțiile selectate ale dispozitivului sunt listate aici ,

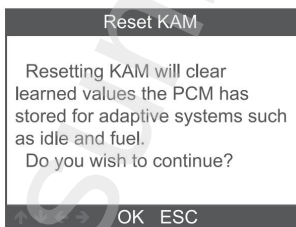
Dacă sunteți interesat de mai multe funcții, vă rugăm să contactați producătorul.

2.2.1 Resetare PCM KAM

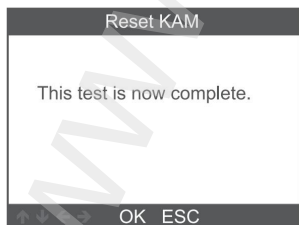
Selectați „Funcții speciale” pentru a afișa următoarele:



Selectați „Resetare PCM KAM” și afișați următoarele:

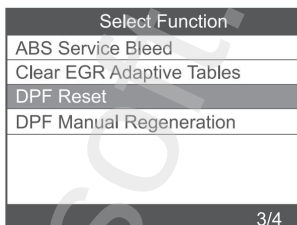
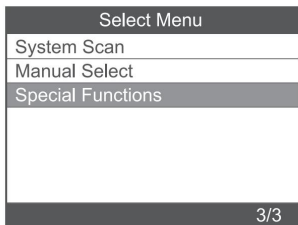


Apăsați OK pentru a trece la următoarea etapă și a finaliza acțiunea cu funcții speciale.

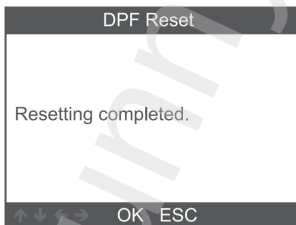


2.2.2 Resetare DPF

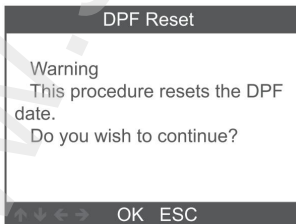
Selectați „Funcții speciale” și afișați următoarele:



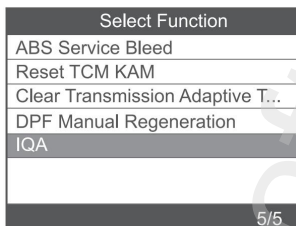
Apăsați butonul OK pentru a afișa următoarele:



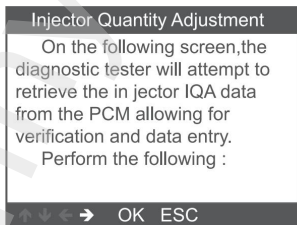
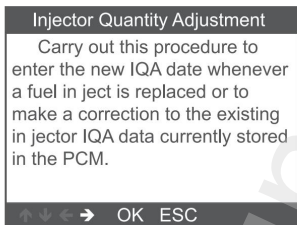
Apăsați OK și continuați:



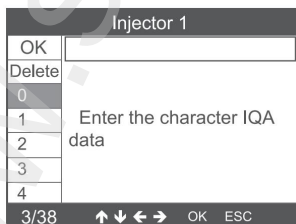
2.2.3 Setarea numărului de injectoare În sistemul motorului, selectați „Funcții speciale” și afișați următoarele:



Selectați „Reglare cantitate injectoare” și afișați următoarele:



Apăsați OK și continuați după cum urmează:



Apăsați butonul OK, trebuie să introduceți manual valorile OK și vor apărea următoarele:

Injector Quantity Adjustment	
In ject...	
Next	In jector 1#FC2F A 03028
	In jector 2#002F5FF 020
9/9 ↑ ↓ ← → OK ESC	

Apăsați butonul stâng și mutați selecția în jos.

Apăsați butonul de selecție din dreapta, în partea de jos.

Apăsați OK pentru a afișa următoarele:

Injector Quantity Adjustment
Set ignition switch to OFF (Position 0).
↑ ↓ ← → OK ESC

Injector Quantity Adjustment
Set the ignition switch to ON.
↑ ↓ ← → OK ESC

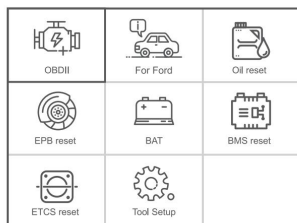
Apăsați OK pentru a afișa următoarele:

Injector Quantity Adjustment
The following injector IQA data is currently stored in the PCM.
In jector 1:FC2FA03028
In jector 2:002F5FF020
In jector 3:FC201F5028
↑ ↓ ← → OK ESC

Notă: Configurația variază de la model la model.

3 diagnostice OBDII

Selectați „OBDII” și afișați următoarele:



Select System Diagnose	
J1850 VPW	[fail]
J1850 PWM	[fail]
ISO15765-4 CAN (11bit)	[fail]
ISO15765-4 CAN (29bit)	[]
ISO14230-4 KWP	[]
ISO14230-4 KWP(5BPS)	[]
ISO9141	[]
Processing	

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”.

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. Selectați „Citire coduri”, apoi apăsați butonul OK.

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

Dacă nu sunt disponibile mesaje de eroare de diagnosticare coduri, pe afișaj apare mesajul „Nu există coduri în modul”. „Nu sunt stocate coduri (în așteptare)! ” „stocat în modul”. Așteptați câteva secunde sau apăsați orice buton pentru a reveni la modul de diagnosticare meniu.

2. Coduri de eroare și definiții pe afișaj
(numărul modulului de control, secvența DTC-urilor, totalul numărul de coduri detectate, tipul de coduri (generale specificație).

DTC	
P1113	1/3
FORD	Pending
IAT Sensor Open/Short	
↑ ↓ → OK ESC	

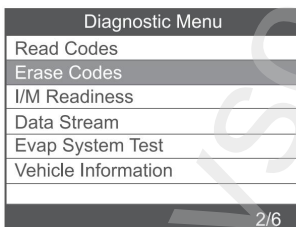
3.2 Ștergerea codurilor

Notă: funcția este activă atunci când motorul este oprit.
Nu porniți motorul.

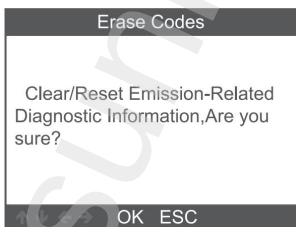
Înainte de a efectua această funcție, asigurați-vă că ați citit și ați notat codurile de eroare.

După ștergere, ar trebui să recitiți codurile de eroare sau să porniți contactul și să recitiți codurile. Dacă codurile de eroare pentru defecțiuni grave continuă să apară, identificați mai întâi cauza care a provocat defecțiunea și apoi rezolvați problema. Codurile de eroare pot fi acum șterse.

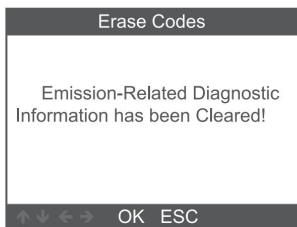
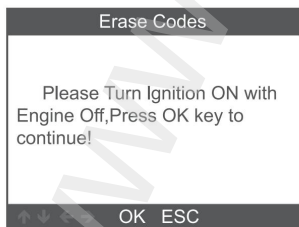
1. Selectați „Ștergere coduri”, apoi apăsați butonul OK.



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



3. Apăsați OK pentru a confirma.



3.3 Pregătire I/M

Selectați „Pregătire I/M”, apoi apăsați butonul OK și afișați următoarele:

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	

Folosiți butonul sus/jos pentru a selecta, apoi apăsați butonul OK pentru a afișa următoarele:

I/M Readiness	
Misfire monitor	OK
Fuel system monitor	OK
Comprehensive component monitor	OK
Catalyst monitor	INC
Heated catalyst monitor	N/A
1-5/10	

„N/A” înseamnă că funcția nu este disponibilă pentru modelul dat. vehicul, INC schimbat, nu este complet sau nu gata de citit, OK înseamnă terminat sau monitorizat.

3.4 Flux de date

Selectați „Flux de date” pentru a afișa următoarele:

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	

Datastream	
Fuel system 1 status	OL
Fuel system 2 status	OL
Calculated LOAD Value	0.0%
Engine Coolant Temperature	-31°C
Short Term Fuel Trim-Bank 1	0.0%
1-5/19	

3.5 Testarea sistemului EVAP

Această funcție vă permite să creați condițiile necesare pentru efectuarea unui test de scurgeri al sistemului EVAP , 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 a vă asigura că efectuați procedurile necesare.

Diagnostic Menu
Read Codes
Erase Codes
I/M Readiness
Data Stream
Evap System Test
Vehicle Information
5/6

Erase System Test
Evaporative system leak test not supported.
↑ ↓ ← → OK ESC

3.6 Informații despre vehicul

Selecțați „Informații despre vehicul” pentru a vizualiza următoarele:

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

Vehicle Information
Vehicle Identification Number (VIN) LVSFBFAC94F020950
Calibration Identifications(CID) 000007550753
Calibration Venfication Number (CVN) B5073064
↑ ↓ ← → OK ESC

4. Setări

4.1 Limbaj

Selectați „Limbă” și vor apărea următoarele:

 OBDII	 For Ford	 Oil reset
 EPB reset	 BAT	 BMS reset
 ETCS reset	 Tool Setup	

Tool Setup
Language
Beeper
Instructions(Display at startup)
Unit of Measure
Skin Style
Feedback the test result
1/6

Language
English
Français
Deutsch
Español
русский
Português
Svenska
1/10

Language
Dansk
Suomalainen
Norsk språk
8/10

4.2 Alarmă sonoră

Selectați „Beeper” și va apărea următoarele:

Tool Setup
Language
Beeper
Instructions(Display at startup)
Unit of Measure
Skin Style
Feedback the test result
2/6

Beeper
OFF
ON
1/2

4.3 Instrucțiuni (afișajul de pornire)

Selectați „Instrucțiuni (Afișare la pornire)” și afișați următoarele:

Tool Setup
Language
Beeper
Instructions(Display at startup)
Unit of Measure
Skin Style
Feedback the test result
3/6

Instructions(Display at startup)
OFF
ON
1/2

4.4 Unitate de măsură

Selectați „Unitate de măsură” pentru a afișa următoarele:

Tool Setup
Language
Beeper
Instructions(Display at startup)
Unit of Measure
Skin Style
Feedback the test result
4/6

Unit of Measure
Metric
Imperial
1/2

4.5 Stil

Selectați „Stil ten” pentru a afișa următoarele:

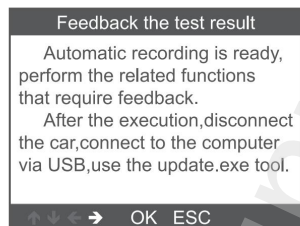
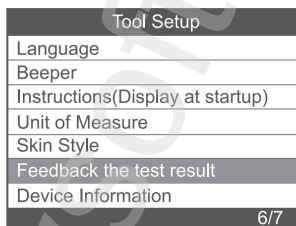
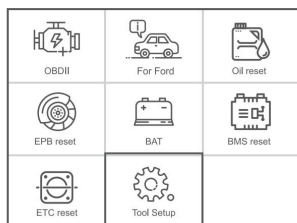
Tool Setup
Language
Beeper
Instructions(Display at startup)
Unit of Measure
Skin Style
Feedback the test result
5/6

Skin Style
Sky Gray
Gem Blue
1/2

4.6 Feedback Dacă

apare o eroare de conectare a vehiculului sau altă problemă în timpul utilizării, vă rugăm să utilizați funcția de feedback.

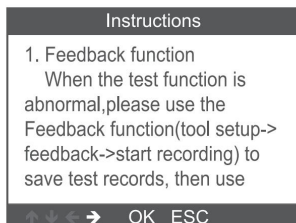
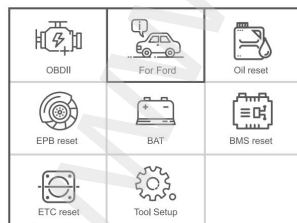
Selecțați „Configurare instrument”, apăsați „Feedback rezultat test meniu” și afișați următoarele:



Dispozitivul afișează mesajul „Feedback” și încheie feedback-ul.

Apăsați ESC pentru a ieși din meniul principal.

De exemplu: dacă conexiunea sistemului ABS Ford eșuează, continuați cu următorii pași:



După ce există oferta de feedback , reveniți la pagina principală
Meniu: Deschideți meniul Ford, intrați în interfață,
care nu a reușit să se conecteze sau să efectueze o operațiune care
nu a avut succes în timpul diagnosticării .

Select Menu
Identify the Vehicle
Manual Select
1/2

Information
Vehicle: Transit
Capacity:2.2L
Engine Type:Duratorq-turbo
Diesel Common Rail Injection
ModelYear:2006.5MY
PCM Part Number:6C11AA
↑ ↓ → OK ESC

Select Menu
System Scan
Manual Select
Special Functions
3/3

Select Function
ABS Service Bleed
Diesel Particulate Filter Static ...
Fuel Injection Pump Learn
Fuel Injection Correction Factors
Reset the Diesel Particulate Filt...
1/5

Information
This Module Is Not Responding.
Please Confirm:
*Check to ensure vehicle is equipped.
*Check Whether The Vehicle Wiring And Fuse Are Ok.
↑ ↓ ← → OK ESC

Notă: Pașii de mai sus necesită ca dispozitivul să fie asociat cu vehiculul.

The diagram illustrates the connection of the AUTOPHIX Q100 Multi-system scanner to a laptop. A USB cable is plugged into the scanner's USB port and the laptop's USB port. The scanner's screen displays the main menu with options: LOCAL, LAN, WIRELESS, LAN/WIRELESS, and NETWORK. The scanner is labeled 'AUTOPHIX Q100' and 'Multi-system scanner'.

bin
driver
README.txt
Update.exe

⚙️

Device upgrades

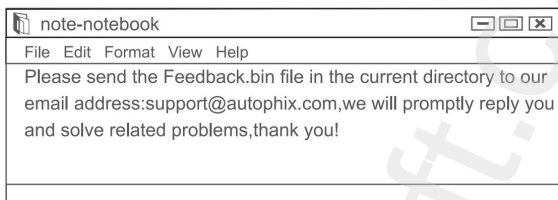
✕

Welcome to Autophix's vehicle diagnostic tool !

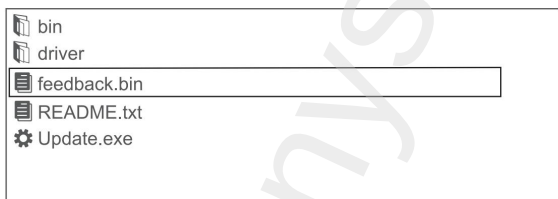
Feedback

Update

Exit



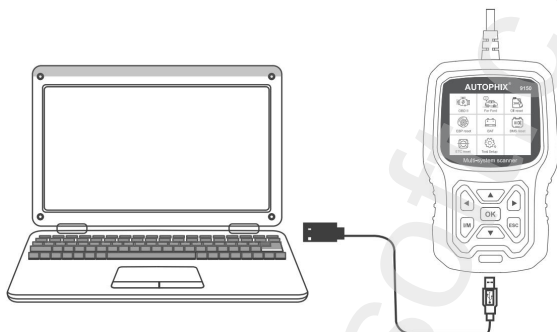
Selectați fișierul listat: și trimiteți fișierul Feedback.bin la adresa support@autophix.com.



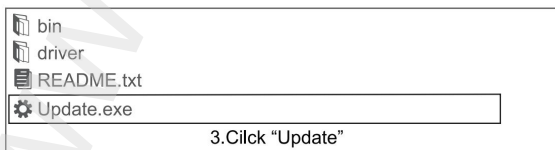
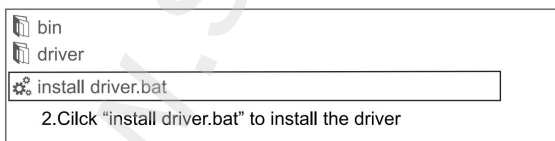
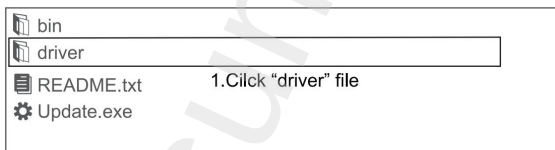
Notă: pașii de mai sus vor apărea după conectare dispozitivul computerului.

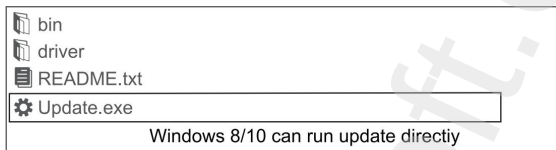
5. Actualizare

1. Descărcați software-ul.
2. Conectați dispozitivul la computer prin USB cablu.



3. Software-ul este compatibil cu Windows 7/8/10.
Dacă aveți Windows 7, bifați „Instalare driver.bat”.
Windows 8/10 se actualizează automat.





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Kovanecká 2390/1a
190 00 Praga 9
Republica Cehă
www.sunnysoft.cz

AUTOPHIX[®]

User manual

9150



Safety notice

Please read this manual carefully before first use. Keep this manual for **future** reference.

1. The testing process is **intended primarily for technical personnel.**

2. Follow **the safety instructions.** Otherwise, there is a **risk of injury or damage to the device and vehicle.**

3. **Please also read the vehicle manual before first use.** Otherwise there is a risk of damage.

4. Use the device in a well-ventilated room.

A car generates carbon monoxide and other toxic gases when in use. Otherwise, there is a risk of gas poisoning.

5. During vehicle operation, many internal parts are also in operation. Keep a sufficient distance from moving parts, otherwise there is a risk of injury.

6. During vehicle operation, some parts are very hot. Do not touch them with bare hands. Otherwise, there is a risk of injury.

7. Do not plug or unplug the device while the vehicle is in operation. Only plug/unplug the device when the vehicle is turned off.

8. Fuel and battery fumes are highly flammable. Do not smoke or use open flames while operating.

Otherwise, there is a risk of explosion, fire and injury.

Compatibility 1.

Vehicle Support: Ford, Lincoln and Mercury made after 1996 with 16-pin socket with F150, Transit, VAN.

2. OBDII/EOBD support.

Specifications

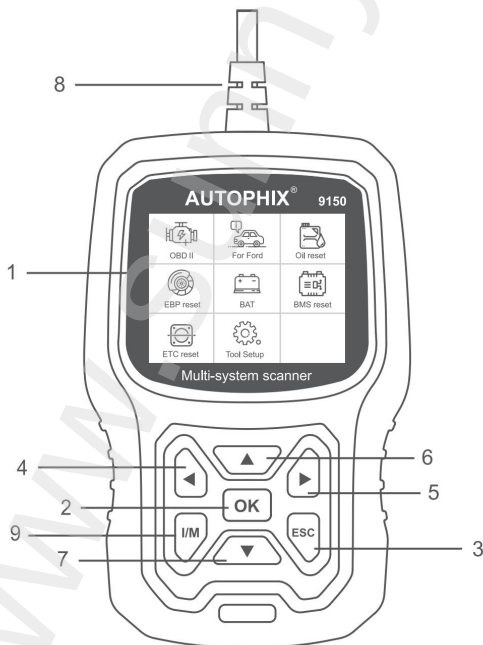
2.8" LCD color display, 320 x 240 pixels

Working voltage: 8V - 18V

Working temperature: -10 - 60 °C

Storage temperature: -20 - 70 °C

Device description



1. LCD display - display of **measurement results**, backlight, 320 x 240 pixels.
2. OK **button** - confirms **menu selection**.
3. ESC **button** - cancels **selection from the menu** or returns to menu.
4. Left **button** - move left in the menu and below the menu, **while viewing data**, use **the button to go to the previous screen**.
5. Right **button** - move in the menu and under the menu to the right, while viewing data, use the button to go to the next screen.
6. Up **button** - move up in the menu and sub-menu, **when restoring data for more than one screen**, move up to **move to the previous screen**.
7. Down **button** - move down in the menu and below the menu, **when restoring data for more than one screen**, move down to move to the next screen.
8. 16-pin OBD connector - plug **the device into** the vehicle's Data Link Connector (DLC).
9. I/M **button** - quick check of emissions readiness status and drive cycle **verification** , Evap system, etc.

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

Comment:

MIL yellow - dashboard MIL ON

MIL gray - dashboard MIL OFF

Ø - does not support

✓ - complete

✗ - not complete

Operating Instructions

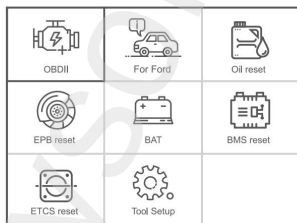
1. Connection 9150

1.1 Turn on **the ignition**.

1.2 Locate the 16-pin connector (Data Link Connector (DLC)).



Main interface



Main menu

1.3 Main function menu

OBDII: engine detection

"For Ford": testing all systems

"Oil reset": **oil change** reset

"EPB reset": **EPB brake pad** replacement

"BAT": **real-time battery voltage** reading

"BMS reset": reset **battery management system**

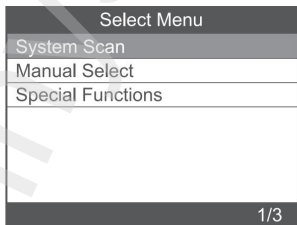
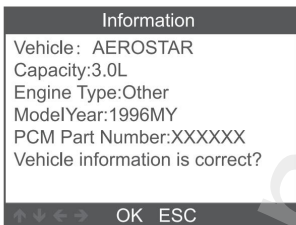
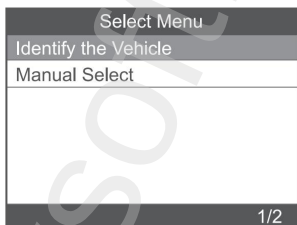
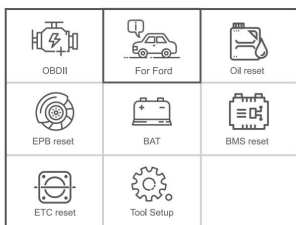
"ETC reset": **throttle control** reset

"Tool Setup": Language, audible alarm, instructions (displayed **when turned on**), measurement unit, surface style, feedback

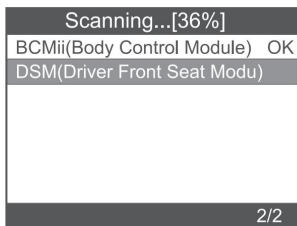
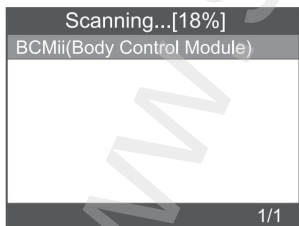
2. Function 9150

2.1 Basic functions

Select "For Ford" to display the following:



"System scan" scans the vehicle system. Press **"System scan"** to display the following:



Scanning...[81%]
BCMii(Body Control Module) OK
PCM(Power train Control M... OK
PDM(Passenger Front Door
3/3

Select System Diagnose
BCMii(Body Control Module) OK
PCM(Power train Control M... OK
1/2

"Manual select" shows all possible systems, select one and perform **diagnostics**.

Select "Manual select" and display the following:

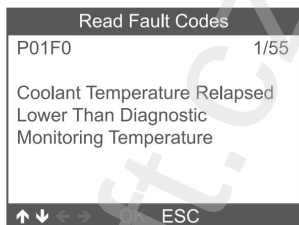
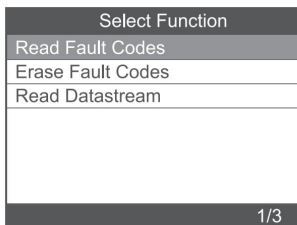
Select Menu
System Scan
Manual Select
Special Functions
2/3

Select System Diagnose
ABS(Antilock braking system)
BCMii(Body Control Module)
DDM(Driver Front Door Module)
DSM(Driver Front Seat Module)
GWM(Gateway Module A)
HVAC(Heating Ventilation Air C..)
IPC(Intrument Panel Control M...)
1/11

Select System Diagnose
PCM(Power train Control Module)
PDM(Passenger Front Door Mo...
PSCM(Power Steering Control...
RCM(Restraint Control Module)
8/11

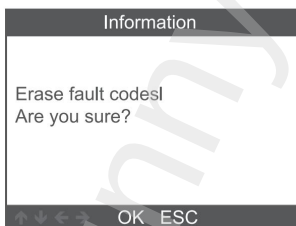
2.1.1 Reading error codes

Select "Read Fault Codes". Press the up/down button and check the fault codes below:

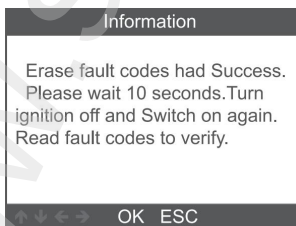


2.1.2 Erase Fault Codes **Select**

"Erase Fault Codes" and then press the OK button to display the following:



Press the OK button **again** and **clear the error codes, shown below:**



If you do not want to clear the error codes, press the ESC button.

2.1.3 Read Datastream

Select "Read Datastream", then press OK button to display the following:

Select Function
Read Fault Codes
Erase Fault Codes
Read Datastream
3/3

Datastream
View All Items
Select Items
1/2

Select "View All Items", then press the OK button to display the following:

Datastream	
A/C Pressure Sensor Voltage[Voits]	1.40
A/C clutch output fault detected.	NO Fault
CMP and CKP Synchronized	Yes
o2s11 Status	NO Fault
o2s11 is warm and ready to operate.	Yes
1-5/471	

Select "Select Items", then press the OK button, the display will show the following:

Datastream
View All Items
Select Items
2/2

Select Datastream	
[]	All Datastream of Page
[]	A/C Pressure Sensor Voltage
[]	A/C clutch output fault detected.
[]	A/C Pressure sensor
[]	CMP and CKP Synchronized
1-4/284	

Press the left/right button to move to the next page.

Press the up/down button to select each one.

2.2 Main special functions

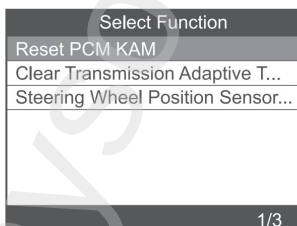
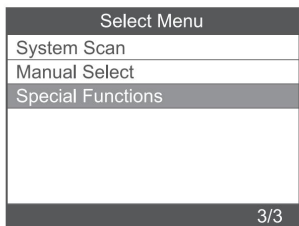
It varies from vehicle model to vehicle model.

Only selected **device** functions are listed here ,

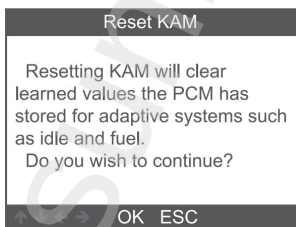
If you are interested in more functions, please contact the manufacturer.

2.2.1 Reset PCM CAM

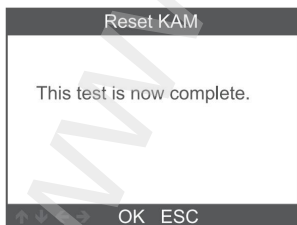
Select "Special Functions" to display the following:



Select "Reset PCM KAM and display the following:



Press **OK** to move to the next and complete the action with special functions.



2.2.2 DPF reset

Select "Special Functions" and display the following:

Select Menu
System Scan
Manual Select
Special Functions
3/3

Select Function
ABS Service Bleed
Clear EGR Adaptive Tables
DPF Reset
DPF Manual Regeneration
3/4

Press the **OK** button to display the following:

DPF Reset
Resetting completed.
↑ ↓ ← → OK ESC

Press **OK** and continue:

DPF Reset
Warning This procedure resets the DPF date. Do you wish to continue?
↑ ↓ ← → OK ESC

2.2.3 Setting the number of injectors in the engine system, select "Special Functions" and display the following:

Select Function
ABS Service Bleed
Reset TCM KAM
Clear Transmission Adaptive T...
DPF Manual Regeneration
IQA

5/5

Select "Injector Quantity Adjustment" and display the following:

Injector Quantity Adjustment
Carry out this procedure to enter the new IQA date whenever a fuel in ject is replaced or to make a correction to the existing in jector IQA data currently stored in the PCM.

↑ ↓ ← → OK ESC

Injector Quantity Adjustment
On the following screen,the diagnostic tester will attempt to retrieve the in jector IQA data from the PCM allowing for verification and data entry. Perform the following :

↑ ↓ ← → OK ESC

Press **OK** and proceed as follows:

Injector 1	
OK	
Delete	
0	
1	Enter the character IQA data
2	
3	
4	

3/38 ↑ ↓ ← → OK ESC

Press the OK button, you must enter the OK values manually and the following will appear:

Injector Quantity Adjustment	
In ject...	
Next	In jector 1#FC2F A 03028
	In jector 2#002F5FF 020
9/9 ↑ ↓ ← → OK ESC	

Press the left button and move the selection down.
Press the right selection button at the bottom.
Press OK to display the next:

Injector Quantity Adjustment
Set ignition switch to OFF (Position 0).
↑ ↓ ← → OK ESC

Injector Quantity Adjustment
Set the ignition switch to ON.
↑ ↓ ← → OK ESC

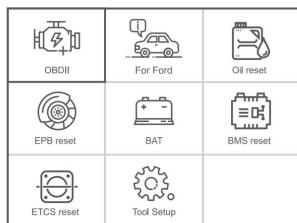
Press OK to display the next:

Injector Quantity Adjustment
The following injector IQA data is currently stored in the PCM.
In jector 1:FC2FA03028
In jector 2:002F5FF020
In jector 3:FC201F5028
↑ ↓ ← → OK ESC

Note: Configuration varies from model to model.

3 OBDII diagnostics

Select "OBDII" and display the following:



Select System Diagnose	
J1850 VPW	[fail]
J1850 PWM	[fail]
ISO15765-4 CAN (11bit)	[fail]
ISO15765-4 CAN (29bit)	[]
ISO14230-4 KWP	[]
ISO14230-4 KWP(5BPS)	[]
ISO9141	[]
Processing	

3.1 Reading

codes **Stored codes** are also known as **"fixed codes"** or **"permanent codes"**.

These codes cause the multifunction indicator light (MIL) to **illuminate in the control module when an emissions-related fault occurs.**

Pending codes are also referred to as **"fading codes"** or **"continuous monitoring codes"**.

Indicates a problem that the control module detected during the current or last drive cycle, but is not considered serious.

If no malfunction occurs during the following warm-up period, the malfunction indicator light will not illuminate and the codes will be cleared from memory.

1. Select "Read Codes", then press the OK button.

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

If no diagnostic error messages are available codes, the message "There are no codes in the module" appears on the display. "No (pending) **codes are stored!** " stored in the module". **Wait a few seconds or press any button to return to diagnostic mode menu.**

2. DTCs and definitions on the display
(control module number, DTCs sequence, total number of detected codes, type of codes (general specification).

DTC	
P1113	1/3
FORD	Pending
IAT Sensor Open/Short	
↑ ↓ → OK ESC	

3.2 Deleting codes

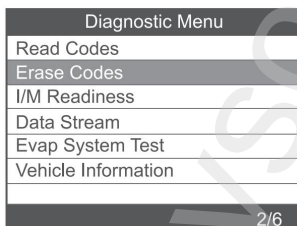
Note: the function works when the engine is off.

Do not start the engine.

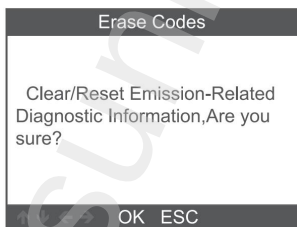
Before performing this function, make sure you have read and recorded the fault codes.

After clearing, you should re-read the fault codes or turn on the ignition and re-read the codes. If the fault codes for serious faults are still coming, first find out the cause that caused the fault and then solve the problem. The fault codes can now be cleared.

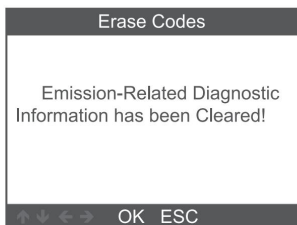
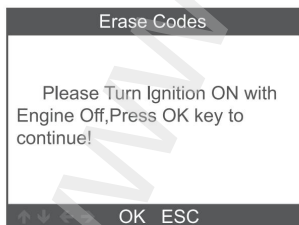
1. Select "Erase codes", then press **the OK button**.



2. A warning message will appear asking for confirmation.



3. Press **OK** to confirm.



3.3 I/M readiness

Select "I/M Readiness", then press the OK button and display the following:

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

Use the up/down button to select, then press the OK button to display the following:

I/M Readiness	
Misfire monitor	OK
Fuel system monitor	OK
Comprehensive component monitor	OK
Catalyst monitor	INC
Heated catalyst monitor	N/A
1-5/10	

N/A means that the feature is not available for the given model vehicle, INC changed, it is not complete or not ready to read, OK means, done or monitored.

3.4 Data Stream

Select "Data Stream" to display the following:

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

Datastream	
Fuel system 1 status	OL
Fuel system 2 status	OL
Calculated LOAD Value	0.0%
Engine Coolant Temperature	-31°C
Short Term Fuel Trim-Bank 1	0.0%
1-5/19	

3.5 EVAP System Test This

function **allows you** to create the conditions necessary to perform an EVAP system leak test , but does not **actually** perform the test. The vehicle manufacturer is responsible for setting the criteria for automatically stopping the test.

Before performing this function, refer to the vehicle service manual to ensure the necessary procedures.

Diagnostic Menu
Read Codes
Erase Codes
I/M Readiness
Data Stream
Evap System Test
Vehicle Information
5/6

Erase System Test
Evaporative system leak test not supported.
↑ ↓ ← → OK ESC

3.6 Vehicle Information Select

"Vehicle Information" to view the following:

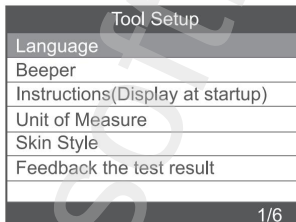
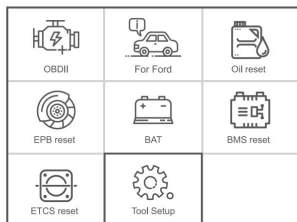
Diagnostic Menu
Read Codes
Erase Codes
I/M Readiness
Data Stream
Evap System Test
Vehicle Information
6/6

Vehicle Information
Vehicle Identification Number (VIN) LVSFBFAC94F020950
Calibration Identifications(CID) 000007550753
Calibration Venfication Number (CVN) B5073064
↑ ↓ ← → OK ESC

4. Settings

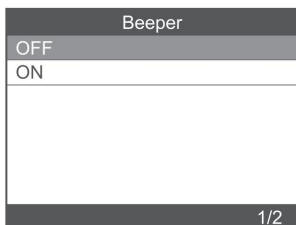
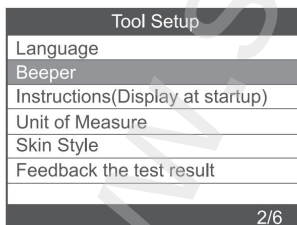
4.1 Language

Select "Language" and the following will appear:



4.2 Audible alarm

Select "Beeper" and the following will appear:



4.3 Instructions (start-up display)

Select "Instructions (Display at startup)" and display the following:

Tool Setup
Language
Beeper
Instructions(Display at startup)
Unit of Measure
Skin Style
Feedback the test result
3/6

Instructions(Display at startup)
OFF
ON
1/2

4.4 Unit of measurement

Select "Unit of measure" to display the following:

Tool Setup
Language
Beeper
Instructions(Display at startup)
Unit of Measure
Skin Style
Feedback the test result
4/6

Unit of Measure
Metric
Imperial
1/2

4.5 Style

Select "Skin Style" to display the following:

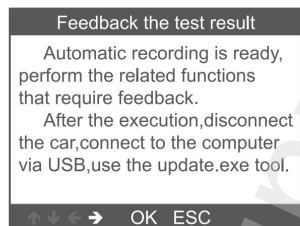
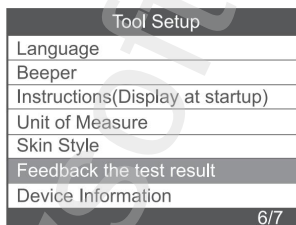
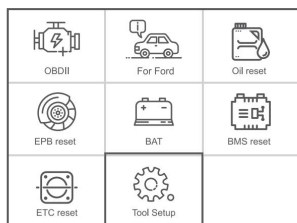
Tool Setup
Language
Beeper
Instructions(Display at startup)
Unit of Measure
Skin Style
Feedback the test result
5/6

Skin Style
Sky Gray
Gem Blue
1/2

4.6 Feedback If

a vehicle connection error or other problem occurs during use, please use the feedback function.

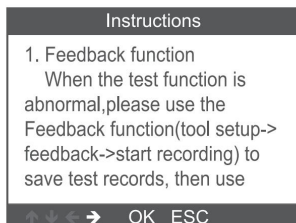
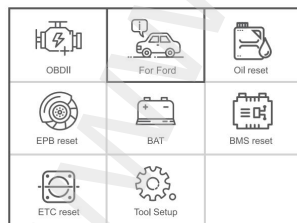
Select "Tool Setup", press "Feedback the test result menu" and display the following:



The device displays the message "Feedback" and ends the feedback.

Press ESC to exit the main menu.

For example: if the Ford ABS system connection fails, proceed with the following steps:



After the feedback offer exists , **return** to the main Menu: **Open** the Ford menu, enter the interface, that failed to connect or perform an operation that was unsuccessful during diagnostics .

Select Menu
Identify the Vehicle
Manual Select
1/2

Information
Vehicle: Transit
Capacity:2.2L
Engine Type:Duratorq-turbo
Diesel Common Rail Injection
ModelYear:2006.5MY
PCM Part Number:6C11AA
↑ ↓ → OK ESC

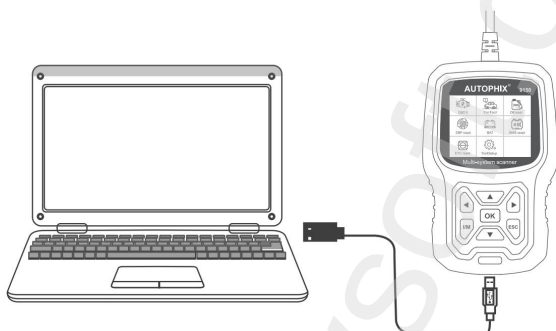
Select Menu
System Scan
Manual Select
Special Functions
3/3

Select Function
ABS Service Bleed
Diesel Particulate Filter Static ...
Fuel Injection Pump Learn
Fuel Injection Correction Factors
Reset the Diesel Particulate Filt...
1/5

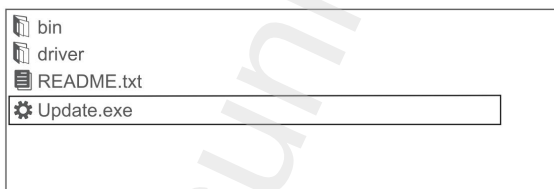
Information
This Module Is Not Responding.
Please Confirm:
*Check to ensure vehicle is equipped.
*Check Whether The Vehicle Wiring And Fuse Are Ok.
↑ ↓ ← → OK ESC

Note: The steps above require **the device to be paired with the vehicle.**

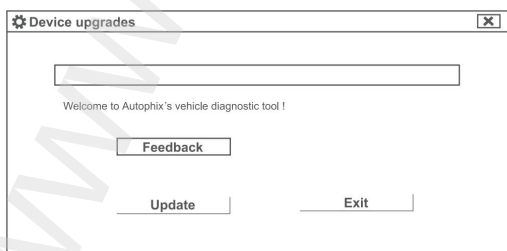
After **successful use**, connect the device to the computer and **replay the data**.

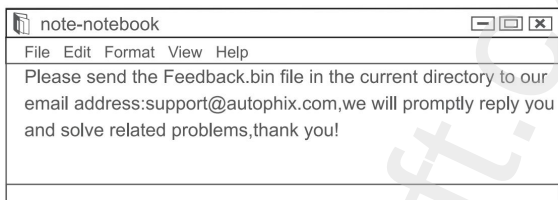


Connect your device to your computer. Open the updated file, select Upgrade.

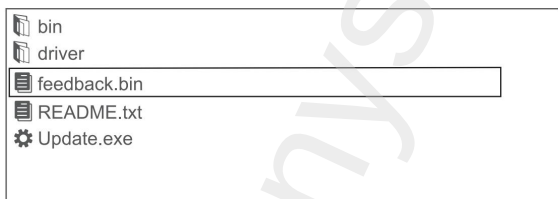


Then: select "Upgrade Tools", press **"Feedback"** and the following will appear:





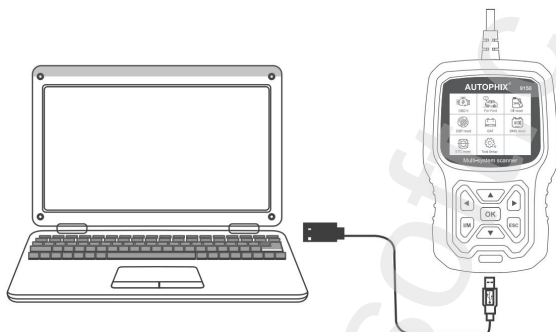
Select the file listed: and submit the Feedback.bin file at support@autophix.com.



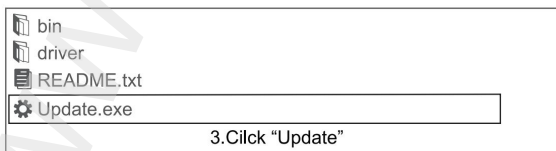
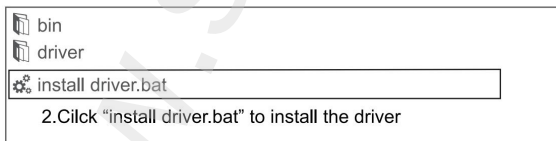
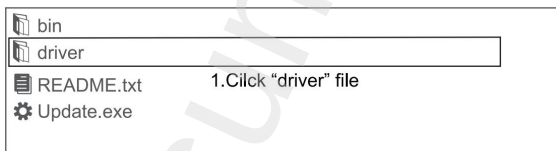
Note: the steps above will appear after connection **computer device.**

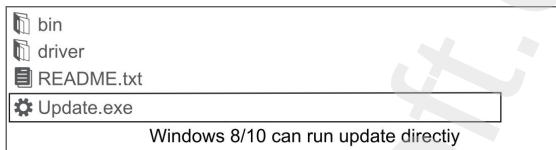
5. Update

1. Download **the software.**
2. **Connect the device to the computer via USB cable.**



3. The software is supported by Windows 7/8/10.
If you have Windows 7, **check "Install driver.bat"**.
Windows 8/10 updates automatically.





Distributor

Sunnysoft sro

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19000 Prague 9

Czech Republic

www.sunnysoft.cz

AUTOPHIX[®]

Instrukcja obsługi

9150



Informacja o bezpieczeństwie

Przed pierwszym użyciem prosimy o uważne przeczytanie niniejszej instrukcji.

Zachowaj instrukcję do wykorzystania w przyszłości .

1. Proces testowania przeznaczony jest przede wszystkim dla personelu technicznego.

2. Postępuj zgodnie z instrukcjami bezpieczeństwa. W przeciwnym razie istnieje ryzyko obrażeń ciała lub uszkodzenia urządzenia i pojazdu.

3. Przed pierwszym użyciem należy również zapoznać się z instrukcją obsługi pojazdu. W przeciwnym razie istnieje ryzyko uszkodzenia.

4. Używaj urządzenia w dobrze wentylowanym pomieszczeniu.

Podczas jazdy samochód wytwarza tlenek węgla i inne toksyczne gazy. W przeciwnym razie istnieje ryzyko zatrucia gazem.

5. Podczas jazdy pojazdu wiele części wewnętrznych również pracuje. Zachowaj odpowiednią odległość od ruchomych części, w przeciwnym razie istnieje ryzyko obrażeń.

6. Podczas jazdy niektóre części pojazdu są bardzo gorące. Nie dotykaj ich gołymi rękami. W przeciwnym razie istnieje ryzyko obrażeń.

7. Nie podłączaj ani nie odłączaj urządzenia, gdy pojazd jest w ruchu.

Podłączaj/odłączaj urządzenie tylko wtedy, gdy pojazd jest wyłączony.

8. Opary paliwa i akumulatora są wysoce łatwopalne. Nie palić ani nie używać otwartego ognia podczas pracy.

W przeciwnym razie istnieje ryzyko wybuchu, pożaru i obrażeń.

Zgodność 1.

Obsługiwane pojazdy: Ford, Lincoln i Mercury
wyprodukowane po 1996 r. z gniazdem 16-pinowym, F150, Tran
2. Obsługa OBDII/EOBD.

Specyfikacje

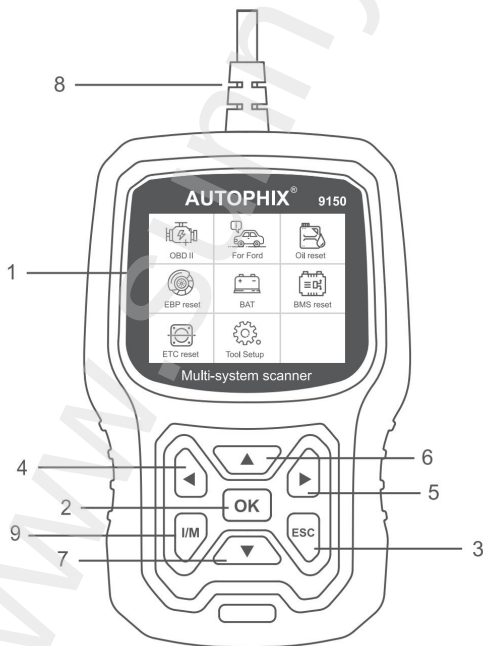
Kolorowy wyświetlacz LCD 2,8", 320 x 240 pikseli

Napięcie robocze: 8V - 18V

Temperatura pracy: -10 - 60 °C

Temperatura przechowywania: -20 - 70 °C

Opis urządzenia



1. Wyświetlacz LCD - wyświetlanie wyników pomiarów, podświetlany, 320 x 240 pikseli.
2. Przycisk OK – potwierdza wybór menu.
3. Przycisk ESC – anuluje wybór z menu lub powraca do menu.
4. Przycisk lewy – przesuwanie w lewo w menu i poniżej menu; podczas przeglądania danych użyj przycisku , aby przejść do poprzedniego ekranu.
5. Prawy przycisk – poruszanie się po menu i pod menu w prawo; 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 w menu i poniżej menu. Podczas przywracania danych dla więcej niż jednego ekranu przesunięcie w dół powoduje przejście do następnego ekranu.
8. 16-pinowe złącze OBD – podłączyć urządzenie do złącza łączącego danych (DLC) pojazdu.
9. Przycisk I/M – szybkie sprawdzenie stanu gotowości do emisji i weryfikacja cyklu jazdy , układu parowania itp.

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.

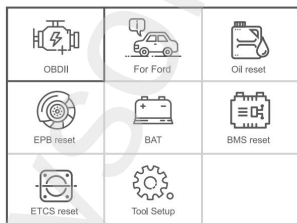
Podłączenie 9150

1.1 Włączyć zapłon.

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



Główny interfejs



Menu główne

1.3 Menu funkcji głównych

OBDII: wykrywanie silnika

„For Ford”: testowanie wszystkich systemów

„Reset oleju”: reset wymiany oleju

„Reset EPB”: wymiana klocków hamulcowych EPB

„BAT”: odczyt napięcia akumulatora w czasie rzeczywistym

„Reset BMS”: reset systemu zarządzania baterią

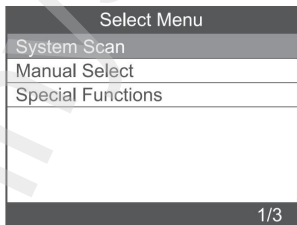
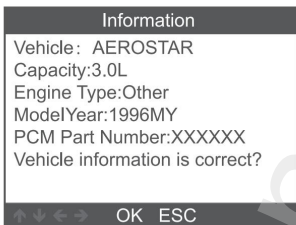
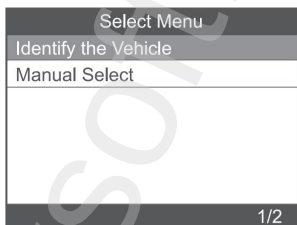
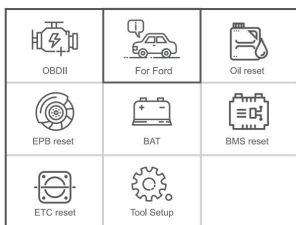
„ETC reset”: reset sterowania przepustnicą

„Konfiguracja narzędzia”: język, alarm dźwiękowy, instrukcje (wyświetlane po włączeniu), jednostka miary, styl powierzchni, informacja zwrotna

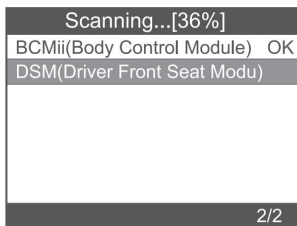
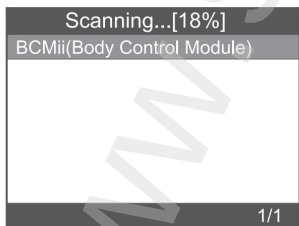
2. Funkcja 9150

2.1 Funkcje podstawowe

Wybierz „For Ford”, aby wyświetlić następujące informacje:



„Skanowanie systemu” skanuje system pojazdu. Naciśnij „Skanowanie systemu”, aby wyświetlić następujące informacje:



Scanning...[81%]	
BCMii(Body Control Module)	OK
PCM(Power train Control M...	OK
PDM(Passenger Front Door	
3/3	

Select System Diagnose	
BCMii(Body Control Module)	OK
PCM(Power train Control M...	OK
1/2	

„Wybór ręczny” pokazuje wszystkie możliwe systemy, wybierz jeden i wykonaj diagnostykę.

Wybierz „Wybór ręczny” i

wyświetli następujące informacje:

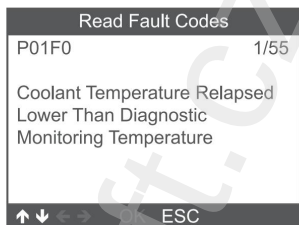
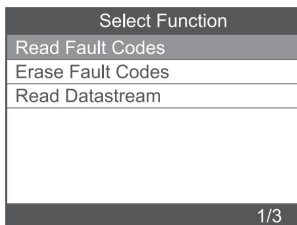
Select Menu	
System Scan	
Manual Select	
Special Functions	
2/3	

Select System Diagnose	
ABS(Antilock braking system)	
BCMii(Body Control Module)	
DDM(Driver Front Door Module)	
DSM(Driver Front Seat Module)	
GWM(Gateway Module A)	
HVAC(Heating Ventilation Air C..)	
IPC(Intrument Panel Control M...)	
1/11	

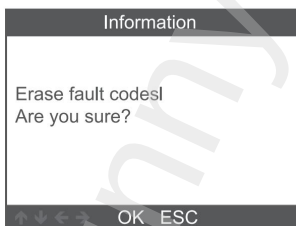
Select System Diagnose	
PCM(Power train Control Module)	
PDM(Passenger Front Door Mo...	
PSCM(Power Steering Control...	
RCM(Restraint Control Module)	
8/11	

2.1.1 Odczyt kodów błędów

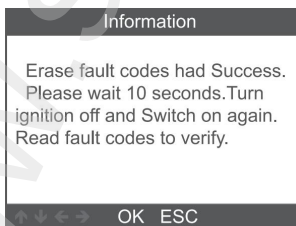
Wybierz „Odczyt kodów błędów”. Naciśnij przycisk góra/dół i sprawdź poniższe kody błędów:



2.1.2 Usuwanie kodów błędów Wybierz opcję „Usuń kody błędów”, a następnie naciśnij przycisk OK, aby wyświetlić następujące informacje:



Naciśnij ponownie przycisk OK i wyczyść kody błędów pokazane poniżej:



Jeśli nie chcesz usuwać kodów błędów, naciśnij przycisk ESC.

2.1.3 Odczyt strumienia danych

Wybierz „Odczyt strumienia danych”, a następnie naciśnij przycisk OK, aby wyświetlić następujące informacje:

Select Function
Read Fault Codes
Erase Fault Codes
Read Datastream
3/3

Datastream
View All Items
Select Items
1/2

Wybierz opcję „Wyświetl wszystkie elementy”, a następnie naciśnij przycisk OK, aby wyświetlić następujące informacje:

Datastream	
A/C Pressure Sensor Voltage[Voits]	1.40
A/C clutch output fault detected.	NO Fault
CMP and CKP Synchronized	Yes
o2s11 Status	NO Fault
o2s11 is warm and ready to operate.	Yes
1-5/471	

Wybierz „Wybierz elementy”, a następnie naciśnij przycisk OK, na wyświetlaczu pojawi się następujący komunikat:

Datastream
View All Items
Select Items
2/2

Select Datastream	
[]	All Datastream of Page
[]	A/C Pressure Sensor Voltage
[]	A/C clutch output fault detected.
[]	A/C Pressure sensor
[]	CMP and CKP Synchronized
1-4/284	

Naciśnij przycisk w lewo/w prawo, aby przejść do następnej strony.

Naciśnij przycisk góra/dół, aby wybrać każdą z opcji.

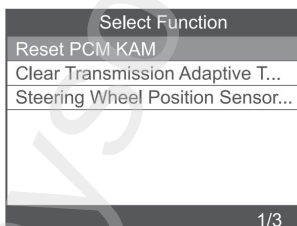
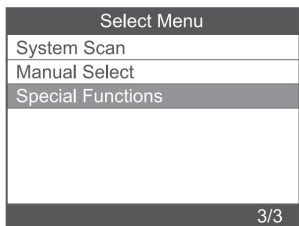
2.2 Główne funkcje specjalne

Zależy to od modelu pojazdu.

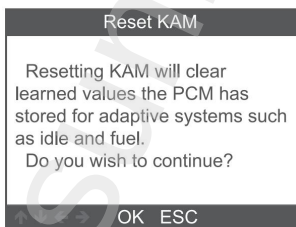
Tutaj wymieniono tylko wybrane funkcje urządzenia ,
Jeśli interesują Cię dodatkowe funkcje, skontaktuj się z producentem.

2.2.1 Resetowanie CAM PCM

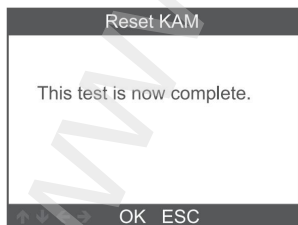
Wybierz „Funkcje specjalne”, aby wyświetlić następujące informacje:



Wybierz „Resetuj PCM KAM” i wyświetl następujące informacje:

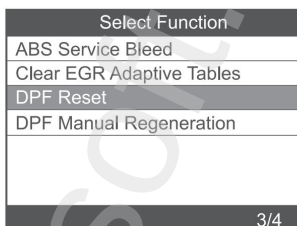
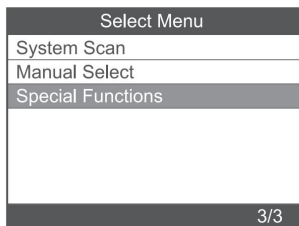


Naciśnij OK, aby przejść do następnego kroku i dokończyć czynność za pomocą funkcji specjalnych.

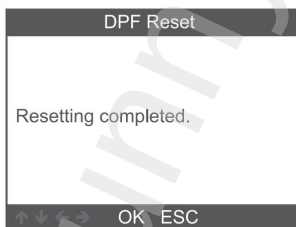


2.2.2 Resetowanie

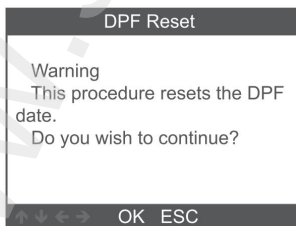
DPF Wybierz „Funkcje specjalne” i wyświetl następujące informacje:



Naciśnij przycisk OK, aby wyświetlić następujące informacje:



Naciśnij OK i kontynuuj:



2.2.3 Ustawienie liczby wtryskiwaczy W układzie silnika należy wybrać „Funkcje specjalne” i wyświetlić następujące informacje:

Select Function
ABS Service Bleed
Reset TCM KAM
Clear Transmission Adaptive T...
DPF Manual Regeneration
IQA

5/5

Wybierz „Regulacja ilości wtryskiwaczy” i wyświetl następujące informacje:

Injector Quantity Adjustment
Carry out this procedure to enter the new IQA date whenever a fuel in ject is replaced or to make a correction to the existing in jector IQA data currently stored in the PCM.

↑ ↓ ← → OK ESC

Injector Quantity Adjustment
On the following screen,the diagnostic tester will attempt to retrieve the in jector IQA data from the PCM allowing for verification and data entry. Perform the following :

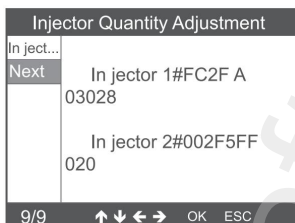
↑ ↓ ← → OK ESC

Naciśnij OK i postępuj następująco:

Injector 1	
OK	
Delete	
0	
1	Enter the character IQA data
2	
3	
4	

3/38 ↑ ↓ ← → OK ESC

Naciśnij przycisk OK, musisz ręcznie wprowadzić wartości OK, a pojawi się następujące okno:

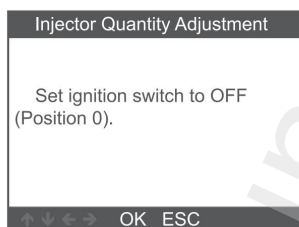


Injector Quantity Adjustment

In ject...	Next
	In jector 1#FC2F A 03028
	In jector 2#002F5FF 020

9/9 ↑ ↓ ← → OK ESC

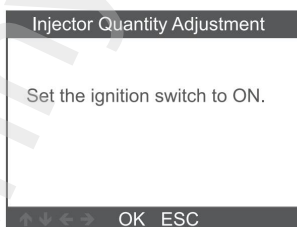
Naciśnij lewy przycisk i przesunź zaznaczenie w dół.
Naciśnij prawy przycisk wyboru na dole.
Naciśnij OK, aby wyświetlić następne:



Injector Quantity Adjustment

Set ignition switch to OFF
(Position 0).

↑ ↓ ← → OK ESC

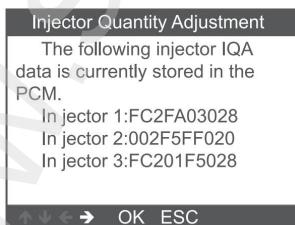


Injector Quantity Adjustment

Set the ignition switch to ON.

↑ ↓ ← → OK ESC

Naciśnij OK, aby wyświetlić następne:



Injector Quantity Adjustment

The following injector IQA
data is currently stored in the
PCM.

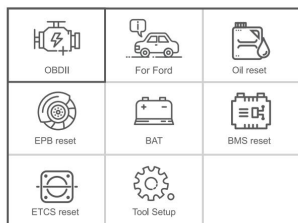
In jector 1:FC2FA03028
In jector 2:002F5FF020
In jector 3:FC201F5028

↑ ↓ ← → OK ESC

Uwaga: konfiguracja różni się w zależności od modelu.

3 diagnostyka OBDII

Wybierz „OBDII” i wyświetl następujące informacje:



Select System Diagnose	
J1850 VPW	[fail]
J1850 PWM	[fail]
ISO15765-4 CAN (11bit)	[fail]
ISO15765-4 CAN (29bit)	[]
ISO14230-4 KWP	[]
ISO14230-4 KWP(5BPS)	[]
ISO9141	[]
Processing	

3.1 Odczyt kodów

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

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”.

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

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

1. Wybierz „Odczyt kodów”, a następnie naciśnij przycisk OK.

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

Jeśli nie są dostępne żadne komunikaty o błędach diagnostycznych kodów, na wyświetlaczu pojawia się komunikat „Brak kodów w module”. „Nie zapisano żadnych (oczekujących) kodów!”
zapisane w module". Poczekać kilka sekund lub nacisnąć dowolny przycisk, aby powrócić do trybu diagnostycznego menu.

2. Kody DTC i definicje na wyświetlaczu

(numer modułu sterującego, sekwencja kodów DTC, suma liczba wykrytych kodów, rodzaj kodów (ogólny) specyfikacja).

DTC	
P1113	1/3
FORD	Pending
IAT Sensor Open/Short	
↑ ↓ ↶ ↷ OK ESC	

3.2 Usuwanie kodów

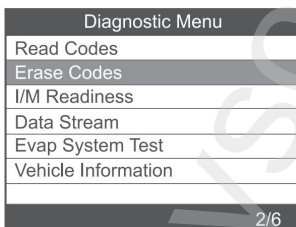
Uwaga: funkcja działa, gdy silnik jest wyłączony.

Nie uruchamiaj silnika.

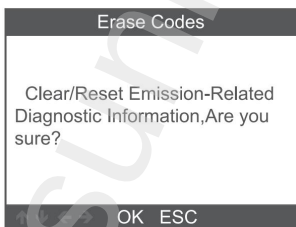
Przed wykonaniem tej czynności należy przeczytać i zapisać kody błędów.

Po wyczyszczeniu należy ponownie odczytać kody błędów lub włączyć zapłon i ponownie je odczytać. Jeśli kody błędów poważnych usterek nadal się pojawiają, najpierw należy znaleźć przyczynę, która spowodowała błąd, a następnie rozwiązać problem. Kody błędów można teraz wykasować.

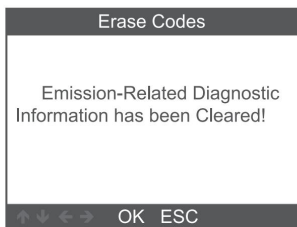
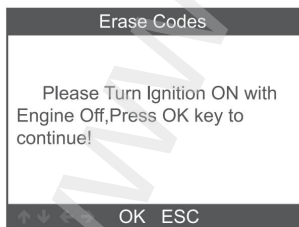
1. Wybierz opcję „Usuń kody”, a następnie naciśnij przycisk OK.



2. Pojawi się komunikat ostrzegawczy z prośbą o potwierdzenie.



3. Naciśnij OK, aby potwierdzić.



3.3 Gotowość I/M

Wybierz opcję „Gotowość I/M”, a następnie naciśnij przycisk OK i wyświetl następujące informacje:

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

Wybierz opcję za pomocą przycisków góra/dół, a następnie naciśnij przycisk OK, aby wyświetlić następujące informacje:

I/M Readiness	
Misfire monitor	OK
Fuel system monitor	OK
Comprehensive component monitor	OK
Catalyst monitor	INC
Heated catalyst monitor	N/A
1-5/10	

N/A oznacza, że funkcja nie jest dostępna dla danego modelu pojazdu, INC zmieniony, nie jest kompletny lub nie gotowy do czytania, OK oznacza, że jest gotowy lub monitorowane.

3.4 Strumień danych

Wybierz „Strumień danych”, aby wyświetlić następujące informacje:

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

Datastream	
Fuel system 1 status	OL
Fuel system 2 status	OL
Calculated LOAD Value	0.0%
Engine Coolant Temperature	-31°C
Short Term Fuel Trim-Bank 1	0.0%
1-5/19	

3.5 Test układu EVAP. Ta funkcja

umożliwia stworzenie warunków niezbędnych do przeprowadzenia testu szczelności układu EVAP , 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, aby upewnić się, czy zastosowano się do niezbędnych procedur.

Diagnostic Menu
Read Codes
Erase Codes
I/M Readiness
Data Stream
Evap System Test
Vehicle Information
5/6

Erase System Test
Evaporative system leak test not supported.
↑ ↓ ← → OK ESC

3.6 Informacje o pojeździe Wybierz

„Informacje o pojeździe”, aby wyświetlić następujące informacje:

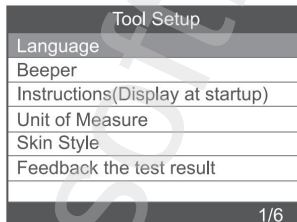
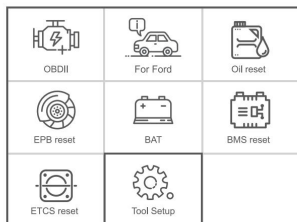
Diagnostic Menu
Read Codes
Erase Codes
I/M Readiness
Data Stream
Evap System Test
Vehicle Information
6/6

Vehicle Information
Vehicle Identification Number (VIN) LVSFBFAC94F020950
Calibration Identifications(CID) 000007550753
Calibration Venfication Number (CVN) B5073064
↑ ↓ ← → OK ESC

4. Ustawienia

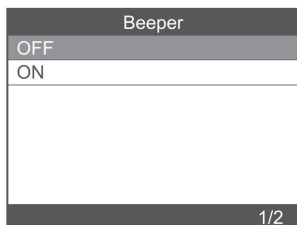
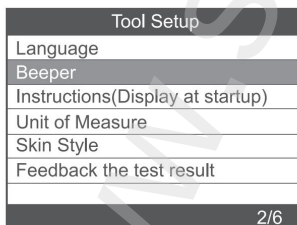
4.1 Język

Wybierz „Język”, a pojawi się następujące okno:



4.2 Alarm dźwiękowy

Wybierz „Beeper”, a pojawi się następujący komunikat:



4.3 Instrukcje (wyświetlacz startowy)

Wybierz „Instrukcje (wyświetlane przy uruchomieniu)” i
wyświetl następujące informacje:

Tool Setup
Language
Beeper
Instructions(Display at startup)
Unit of Measure
Skin Style
Feedback the test result
3/6

Instructions(Display at startup)
OFF
ON
1/2

4.4 Jednostka miary

Wybierz „Jednostka miary”, aby wyświetlić następujące informacje:

Tool Setup
Language
Beeper
Instructions(Display at startup)
Unit of Measure
Skin Style
Feedback the test result
4/6

Unit of Measure
Metric
Imperial
1/2

4.5 Styl

Wybierz „Styl skóry”, aby wyświetlić następujące elementy:

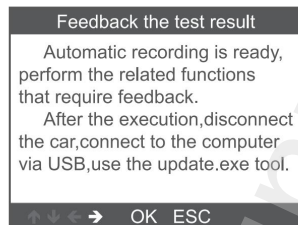
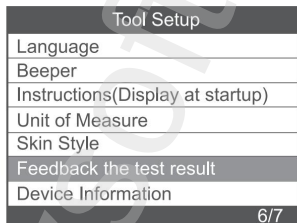
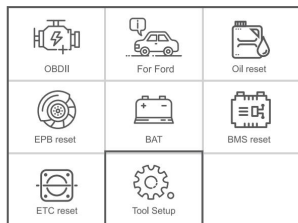
Tool Setup
Language
Beeper
Instructions(Display at startup)
Unit of Measure
Skin Style
Feedback the test result
5/6

Skin Style
Sky Gray
Gem Blue
1/2

4.6 Opinia Jeżeli

podczas użytkowania pojawi się błąd połączenia z pojazdem lub inny problem, skorzystaj z funkcji opinii.

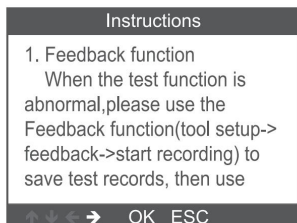
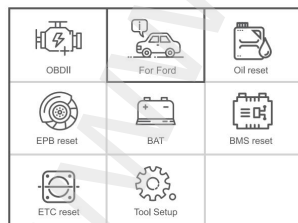
Wybierz „Konfiguracja narzędzia”, naciśnij „Prześlij menu wyników testu”, a wyświetli się następujący komunikat:



Urządzenie wyświetla komunikat „Opinia” i kończy przekazywanie informacji zwrotnej.

Naciśnij ESC, aby opuścić menu główne.

Na przykład: jeśli nastąpi awaria połączenia układu ABS Forda, wykonaj następujące czynności:



Po stworzeniu oferty opinii wróć do strony głównej
Menu: Otwórz menu Forda, wejdź do interfejsu,
który nie nawiązał połączenia lub nie wykonał operacji, która
nie przyniosło rezultatu w diagnostyce .

Select Menu
Identify the Vehicle
Manual Select
1/2

Information
Vehicle: Transit
Capacity:2.2L
Engine Type:Duratorq-turbo
Diesel Common Rail Injection
ModelYear:2006.5MY
PCM Part Number:6C11AA
↑ ↓ → OK ESC

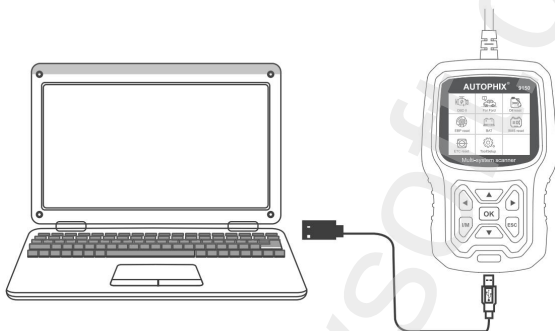
Select Menu
System Scan
Manual Select
Special Functions
3/3

Select Function
ABS Service Bleed
Diesel Particulate Filter Static ...
Fuel Injection Pump Learn
Fuel Injection Correction Factors
Reset the Diesel Particulate Filt...
1/5

Information
This Module Is Not Responding.
Please Confirm:
*Check to ensure vehicle is equipped.
*Check Whether The Vehicle Wiring And Fuse Are Ok.
↑ ↓ ← → OK ESC

Uwaga: powyższe kroki wymagają sparowania urządzenia z pojazdem.

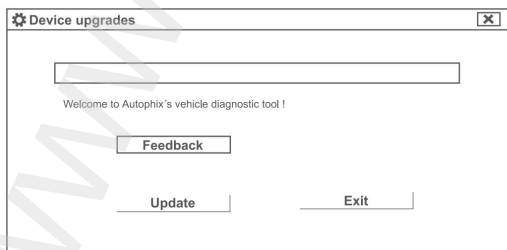
Po pomyślnym użyciu podłącz urządzenie do komputera i odtworzyć dane.

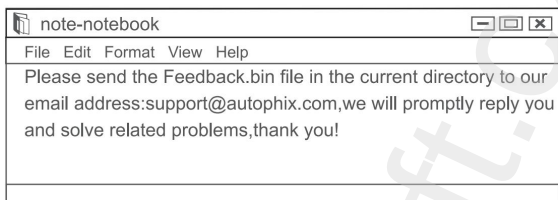


Podłącz urządzenie do komputera. Otwórz zaktualizowany pliku wybierz Uaktualnij.

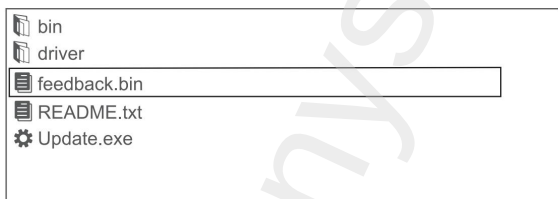


Następnie: wybierz „Narzędzia aktualizacji”, naciśnij „Opinie”, a pojawi się następujące okno:





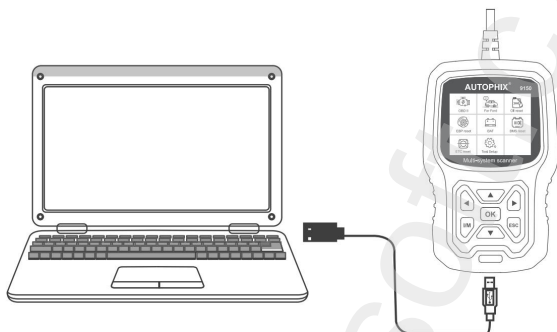
Wybierz plik z listy i prześlij plik Feedback.bin pod adresem support@autophix.com.



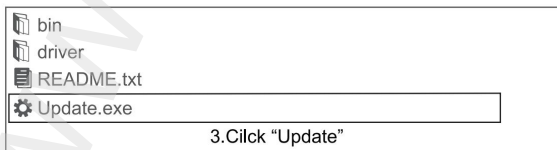
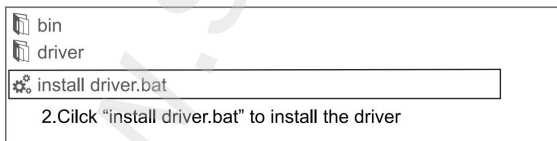
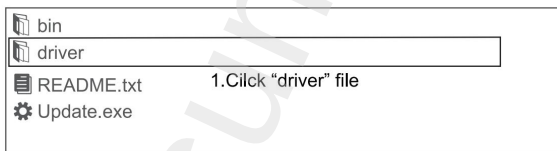
Uwaga: powyższe kroki pojawią się po nawiązaniu połączenia urządzenie komputerowe.

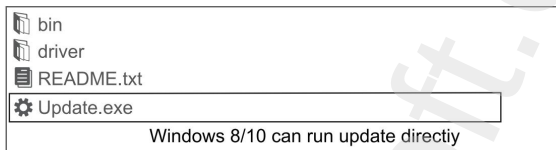
5. Aktualizacja

1. Pobierz oprogramowanie.
2. Podłącz urządzenie do komputera przez USB kabel.



3. Oprogramowanie jest kompatybilne z systemami Windows 7/8/10.
Jeżeli masz system Windows 7, zaznacz opcję „Zainstaluj driver.bat”.
Systemy Windows 8/10 aktualizują się automatycznie.





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

AUTOPHIX[®]

Uporabniški priročnik

9150



Varnostno obvestilo

Pred prvo uporabo natančno preberite ta priročnik. Shranite ga za poznejšo uporabo.

1. Postopek testiranja je namenjen predvsem tehničnemu osebju.
2. Upoštevajte varnostna navodila. V nasprotnem primeru obstaja nevarnost poškodb ali poškodb naprave in vozila.
3. Pred prvo uporabo preberite tudi priročnik za vozilo. V nasprotnem primeru obstaja nevarnost poškodb.
4. Napravo uporabljajte v dobro prezračenem prostoru.
Med uporabo avtomobila nastaja ogljikov monoksid in drugi strupeni plini. V nasprotnem primeru obstaja nevarnost zastrupitve s plinom.
5. Med delovanjem vozila delujejo tudi številni notranji deli. Ohranjajte zadostno razdaljo od gibljivih delov, sicer obstaja nevarnost poškodb.
6. Med delovanjem vozila so nekateri deli zelo vroči. Ne dotikajte se jih z golimi rokami. Sicer obstaja nevarnost poškodb.
7. Naprave ne priključujte in ne izključujte iz električnega omrežja, medtem ko vozilo deluje. Napravo priključujte/izključujte le, ko je vozilo izklopljeno.
8. Hlapi goriva in akumulatorja so lahko vnetljivi. Med delovanjem ne kadite in ne uporabljajte odprtega ognja.
V nasprotnem primeru obstaja nevarnost eksplozije, požara in poškodb.

Združljivost 1.

Podpora za vozila: Ford, Lincoln in Mercury, izdelani po letu 1996 s 16-pinsko vtičnico z vozili F150, Transit, VAN.

2. Podpora za OBDII/EOBD.

Specifikacije

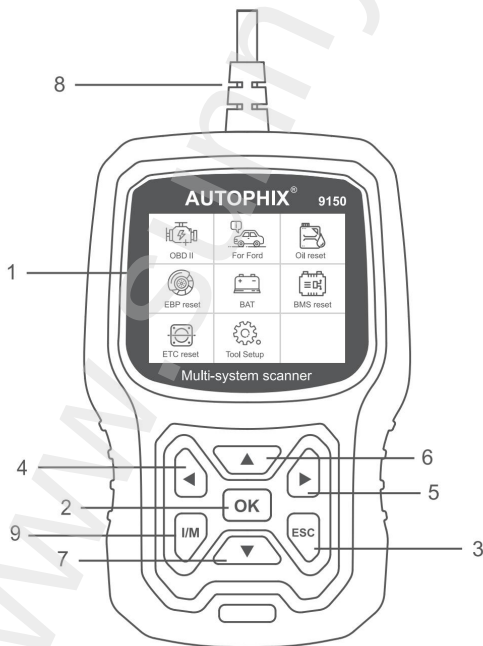
2,8-palčni barvni LCD-zaslon, 320 x 240 slikovnih pik

Delovna napetost: 8V - 18V

Delovna temperatura: -10 - 60 °C

Temperatura skladiščenja: -20 - 70 °C

Opis naprave



1. LCD-zaslon - prikaz rezultatov meritev, osvetlitev ozadja, 320 x 240 slikovnih pik.

2. Gumb V redu – potrdi izbiro menija.

3. Gumb ESC – prekliče izbiro iz menija ali se vrne na meni.

4. Levi gumb – za premikanje levo v meniju in pod menijem med ogledovanjem podatkov uporabite gumb za prehod na prejšnji zaslon.

5. Desni gumb – premikanje po meniju in pod menijem na desni med ogledom podatkov uporabite gumb za prehod 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 po meniju in pod meni; pri obnavljanju podatkov za več zaslonov 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 , sistem Evap itd.

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

Komentar:

MIL rumena - kontrolna lučka na armaturni plošči sveti

MIL siva - MIL na armaturni plošči IZKLOPLJEN

Ø - ne podpira

✓ - popolno

X - ni popolno

Navodila za uporabo

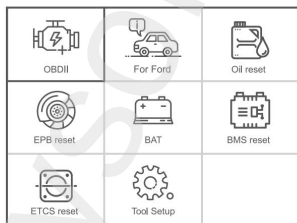
1. Priključek 9150

1.1 Vklomite kontakt .

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



Glavni vmesnik



Glavni meni

1.3 Glavni funkcijski meni

OBDII: zaznavanje motorja

"Za Ford": testiranje vseh sistemov

"Ponastavitev olja": ponastavitev menjave olja

"Ponastavitev EPB": Zamenjava zavornih ploščic EPB

"BAT": odčitavanje napetosti baterije v realnem času

"Ponastavitev BMS": ponastavitev sistema za upravljanje baterije

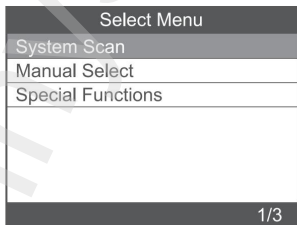
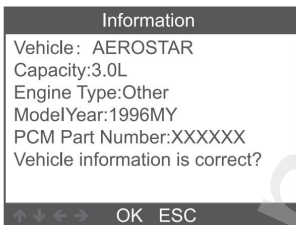
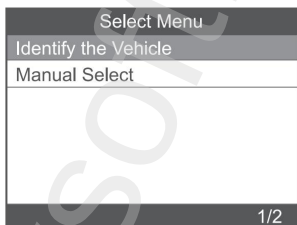
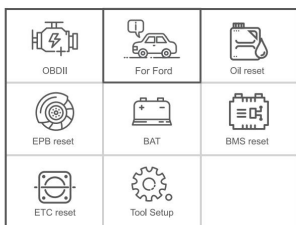
"Ponastavitev ETC": ponastavitev ročice za plin

"Nastavitev orodja ": jezik, zvočni alarm, navodila (prikazana ob vklopu), merska enota, slog površine, povratne informacije

2. Funkcija 9150

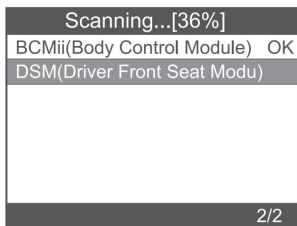
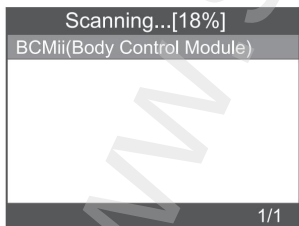
2.1 Osnovne funkcije

Izberite »Za Ford«, da prikazete naslednje:



"Skeniranje sistema" pregleda sistem vozila. Pritisnite

"Skeniranje sistema", da prikazete naslednje:



Scanning...[81%]	
BCMii(Body Control Module)	OK
PCM(Power train Control M...	OK
PDM(Passenger Front Door	
3/3	

Select System Diagnose	
BCMii(Body Control Module)	OK
PCM(Power train Control M...	OK
1/2	

"Ročna izbira" prikazuje vse možne sisteme, Izberite enega in izvedite diagnostiko. Izberite »Ročna izbira« in prikaži naslednje:

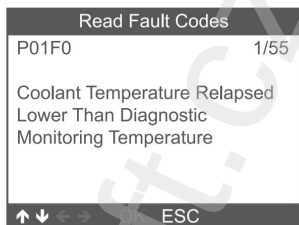
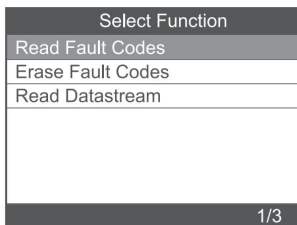
Select Menu	
System Scan	
Manual Select	
Special Functions	
2/3	

Select System Diagnose	
ABS(Antilock braking system)	
BCMii(Body Control Module)	
DDM(Driver Front Door Module)	
DSM(Driver Front Seat Module)	
GWM(Gateway Module A)	
HVAC(Heating Ventilation Air C..)	
IPC(Intrument Panel Control M...)	
1/11	

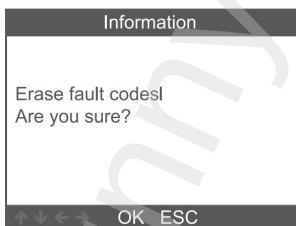
Select System Diagnose	
PCM(Power train Control Module)	
PDM(Passenger Front Door Mo...	
PSCM(Power Steering Control...	
RCM(Restraint Control Module)	
8/11	

2.1.1 Branje kod napak

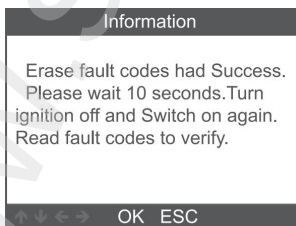
Izberite »Preberi kode napak«. Pritisnite gumb gor/dol in preverite spodnje kode napak:



2.1.2 Izbriši kode napak Izberite »Izbriši kode napak« in nato pritisnite gumb V redu, da se prikaže naslednje:



Ponovno pritisnite gumb V redu in počistite spodaj prikazane kode napak:



Če ne želite izbrisati kod napak, pritisnite gumb ESC.

2.1.3 Branje podatkovnega

toka Izberite »Branje podatkovnega toka« in nato pritisnite gumb V redu, da se prikaže naslednje:

Select Function
Read Fault Codes
Erase Fault Codes
Read Datastream
3/3

Datastream
View All Items
Select Items
1/2

Izberite »Ogled vseh elementov« in nato pritisnite gumb V redu, da se prikaže naslednje:

Datastream	
A/C Pressure Sensor Voltage[Voits]	1.40
A/C clutch output fault detected.	NO Fault
CMP and CKP Synchronized	Yes
o2s11 Status	NO Fault
o2s11 is warm and ready to operate.	Yes
1-5/471	

Izberite »Izberi elemente« in nato pritisnite gumb V redu. Na zaslonu se bo prikazalo naslednje:

Datastream
View All Items
Select Items
2/2

Select Datastream	
[]	All Datastream of Page
[]	A/C Pressure Sensor Voltage
[]	A/C clutch output fault detected.
[]	A/C Pressure sensor
[]	CMP and CKP Synchronized
1-4/284	

Za premik na naslednjo stran pritisnite gumb levo/desno.

Pritisnite gumb gor/dol, da izberete vsakega posebej.

2.2 Glavne posebne funkcije

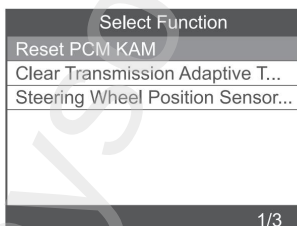
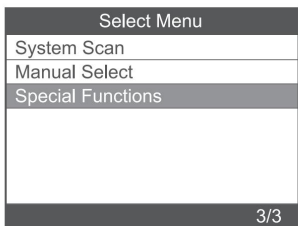
Razlikuje se od modela vozila do modela vozila.

Tukaj so navedene samo izbrane funkcije naprave ,

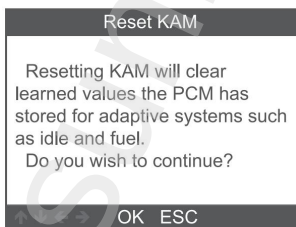
Če vas zanimajo dodatne funkcije, se obrnite na proizvajalca.

2.2.1 Ponastavitev PCM CAM-a

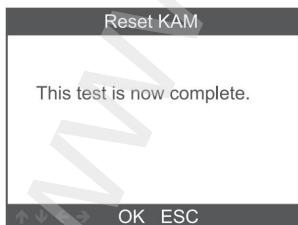
Izberite »Posebne funkcije«, da prikazete naslednje:



Izberite »Ponastavi PCM KAM« in prikazite naslednje:



Pritisnite OK, da se premaknete na naslednje in dokončate dejanje s posebnimi funkcijami.



2.2.2 Ponastavitev

DPF Izberite »Posebne funkcije« in prikažite naslednje:

Select Menu
System Scan
Manual Select
Special Functions
3/3

Select Function
ABS Service Bleed
Clear EGR Adaptive Tables
DPF Reset
DPF Manual Regeneration
3/4

Pritisnite gumb V redu, da prikažete naslednje:

DPF Reset
Resetting completed.
↑ ↓ ← → OK ESC

Pritisnite V redu in nadaljujte:

DPF Reset
Warning This procedure resets the DPF date. Do you wish to continue?
↑ ↓ ← → OK ESC

2.2.3 Nastavitev števila injektorjev V sistemu motorja izberite »Posebne funkcije« in prikažite naslednje:

Select Function
ABS Service Bleed
Reset TCM KAM
Clear Transmission Adaptive T...
DPF Manual Regeneration
IQA

5/5

Izberite »Prilagoditev količine injektorja« in prikažite naslednje:

Injector Quantity Adjustment
Carry out this procedure to enter the new IQA date whenever a fuel in ject is replaced or to make a correction to the existing in jector IQA data currently stored in the PCM.
↑ ↓ ← → OK ESC

Injector Quantity Adjustment
On the following screen,the diagnostic tester will attempt to retrieve the in jector IQA data from the PCM allowing for verification and data entry. Perform the following :
↑ ↓ ← → OK ESC

Pritisnite V redu in nadaljujte na naslednji način:

Injector 1	
OK	
Delete	
0	
1	Enter the character IQA data
2	
3	
4	
3/38	↑ ↓ ← → OK ESC

Pritisnite gumb V redu, vrednosti V redu morate vnesti ročno
in prikazalo se bo naslednje:

Injector Quantity Adjustment	
In ject...	
Next	In jector 1#FC2F A 03028
	In jector 2#002F5FF 020
9/9 ↑ ↓ ← → OK ESC	

Pritisnite levi gumb in premaknite izbor navzdol.
Pritisnite desni gumb za izbiro na dnu.
Pritisnite OK za prikaz naslednjega:

Injector Quantity Adjustment
Set ignition switch to OFF (Position 0).
↑ ↓ ← → OK ESC

Injector Quantity Adjustment
Set the ignition switch to ON.
↑ ↓ ← → OK ESC

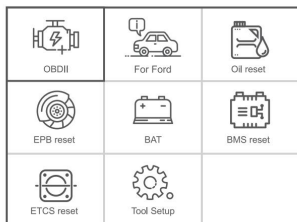
Pritisnite OK za prikaz naslednjega:

Injector Quantity Adjustment
The following injector IQA data is currently stored in the PCM.
In jector 1:FC2FA03028
In jector 2:002F5FF020
In jector 3:FC201F5028
↑ ↓ ← → OK ESC

Opomba: Konfiguracija se razlikuje od modela do modela.

3 OBDII diagnostika

Izberite »OBDII« in prikažite naslednje:



Select System Diagnose	
J1850 VPW	[fail]
J1850 PWM	[fail]
ISO15765-4 CAN (11bit)	[fail]
ISO15765-4 CAN (29bit)	[]
ISO14230-4 KWP	[]
ISO14230-4 KWP(5BPS)	[]
ISO9141	[]
Processing	

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".

Označuje 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. Izberite »Preberi kode« in nato pritisnite gumb V redu.

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

Če ni na voljo nobenih diagnostičnih sporočil o napakah kode, se na zaslonu prikaže sporočilo »V modulu ni kod«. "Ni shranjenih (čakajočih) kod! " shranjeno v modulu". Počakajte nekaj sekund ali pritisnite kateri koli gumb za vrnitev v diagnostični način meni.

2. Kode diagnostike DTC in njihove definicije na zaslonu

(številka krmilnega modula, zaporedje diagnostičnih kod DTC, skupno število številko zaznanih kod, vrsta kod (splošno specifikacija).

DTC	
P1113	1/3
FORD	Pending
IAT Sensor Open/Short	
↑ ↓ → OK ESC	

3.2 Brisanje kod

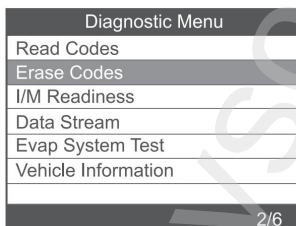
Opomba: funkcija deluje, ko je motor izklopljen.

Ne zaganjajte motorja.

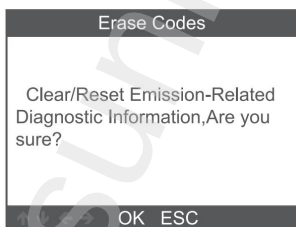
Preden izvedete to funkcijo, se prepričajte, da ste prebrali in zabeležili kode napak.

Po brisanju morate ponovno prebrati kode napak ali vklopiti kontakt in ponovno prebrati kode. Če se kode napak za resne napake še vedno pojavljajo, najprej ugotovite vzrok napake in nato odpravite težavo. Kode napak lahko zdaj izbrišete.

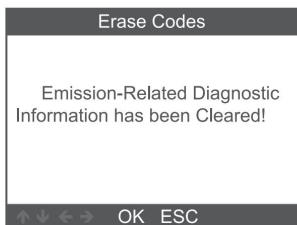
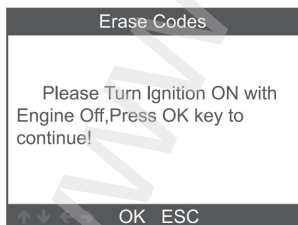
1. Izberite »Izbriši kode« in nato pritisnite gumb V redu.



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



3. Za potrditev pritisnite V redu.



3.3 Pripravljenost na I/M

Izberite »Pripravljenost I/M«, nato pritisnite gumb V redu in prikaži naslednje:

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

Z gumboma gor/dol izberite in nato pritisnite gumb OK, da se prikaže naslednje:

I/M Readiness	
Misfire monitor	OK
Fuel system monitor	OK
Comprehensive component monitor	OK
Catalyst monitor	INC
Heated catalyst monitor	N/A
1-5/10	

N/A pomeni, da funkcija ni na voljo za dani model. vozilo, INC spremenjen, ni popoln ali ne pripravljen za branje, V redu pomeni končano ali spremljano.

3.4 Podatkovni tok

Izberite »Podatkovni tok« za prikaz naslednjega:

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

Datastream	
Fuel system 1 status	OL
Fuel system 2 status	OL
Calculated LOAD Value	0.0%
Engine Coolant Temperature	-31°C
Short Term Fuel Trim-Bank 1	0.0%
1-5/19	

3.5 Preizkus sistema EVAP Ta

funkcija omogoča ustvarjanje pogojev, potrebnih za izvedbo preizkusa puščanja sistema EVAP , vendar dejansko ne izvede preizkusa. Proizvajalec vozila je odgovoren za določitev meril za samodejno ustavitev preizkusa.

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

Diagnostic Menu
Read Codes
Erase Codes
I/M Readiness
Data Stream
Evap System Test
Vehicle Information
5/6

Erase System Test
Evaporative system leak test not supported.
↑ ↓ ← → OK ESC

3.6 Informacije o vozilu Izberite

»Informacije o vozilu« za ogled naslednjega:

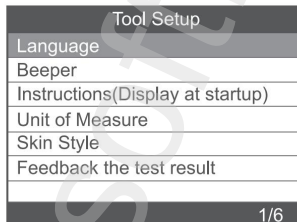
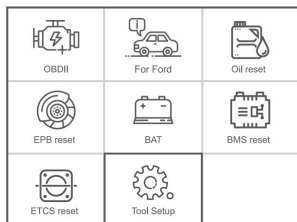
Diagnostic Menu
Read Codes
Erase Codes
I/M Readiness
Data Stream
Evap System Test
Vehicle Information
6/6

Vehicle Information
Vehicle Identification Number (VIN) LVSFBFAC94F020950
Calibration Identifications(CID) 000007550753
Calibration Venfication Number (CVN) B5073064
↑ ↓ ← → OK ESC

4. Nastavitve

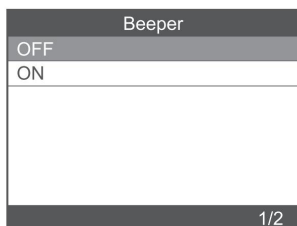
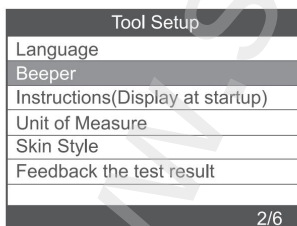
4.1 Jezik

Izberite »Jezik« in prikazalo se bo naslednje:



4.2 Zvočni alarm

Izberite »Zvočnik« in prikazalo se bo naslednje:



4.3 Navodila (začetni prikaz)

Izberite »Navodila (prikaži ob zagonu)« in prikažite naslednje:

Tool Setup
Language
Beeper
Instructions(Display at startup)
Unit of Measure
Skin Style
Feedback the test result
3/6

Instructions(Display at startup)
OFF
ON
1/2

4.4 Merska enota

Izberite »Merska enota«, da prikažete naslednje:

Tool Setup
Language
Beeper
Instructions(Display at startup)
Unit of Measure
Skin Style
Feedback the test result
4/6

Unit of Measure
Metric
Imperial
1/2

4. 5 Slog

Izberite »Slog kože«, da prikažete naslednje:

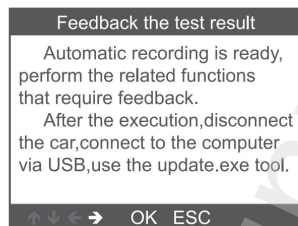
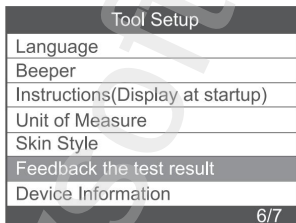
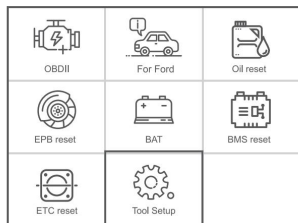
Tool Setup
Language
Beeper
Instructions(Display at startup)
Unit of Measure
Skin Style
Feedback the test result
5/6

Skin Style
Sky Gray
Gem Blue
1/2

4.6 Povratne informacije

Če med uporabo pride do napake pri povezavi vozila ali druge težave, uporabite funkcijo povratnih informacij.

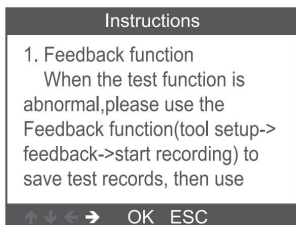
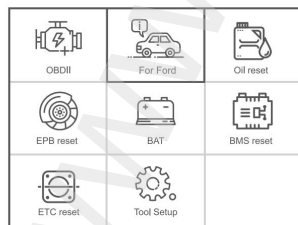
Izberite »Nastavitev orodja«, pritisnite »Meni za povratne informacije o rezultatih testa« in prikažite naslednje:



Naprava prikaže sporočilo »Povratne informacije« in konča povratne informacije.

Za izhod iz glavnega menija pritisnite tipko ESC.

Na primer: če povezava s sistemom ABS Ford odpove, nadaljujte z naslednjimi koraki:



Ko je ponudba za povratne informacije že prejeta , se vrnite na glavno stran.
Meni: Odprite meni Ford, vstopite v vmesnik,
ki se ni uspel povezati ali izvesti operacije, ki
med diagnostiko ni bil uspešen .

Select Menu
Identify the Vehicle
Manual Select
1/2

Information
Vehicle: Transit
Capacity:2.2L
Engine Type:Duratorq-turbo
Diesel Common Rail Injection
ModelYear:2006.5MY
PCM Part Number:6C11AA
↑ ↓ → OK ESC

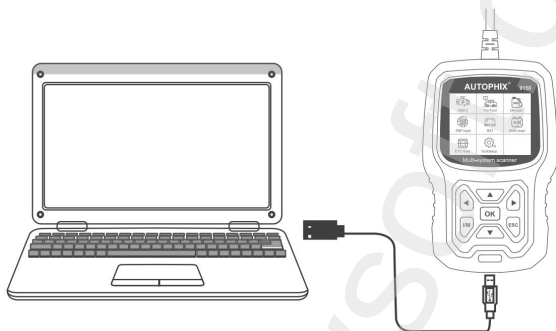
Select Menu
System Scan
Manual Select
Special Functions
3/3

Select Function
ABS Service Bleed
Diesel Particulate Filter Static ...
Fuel Injection Pump Learn
Fuel Injection Correction Factors
Reset the Diesel Particulate Filt...
1/5

Information
This Module Is Not Responding.
Please Confirm:
*Check to ensure vehicle is equipped.
*Check Whether The Vehicle Wiring And Fuse Are Ok.
↑ ↓ ← → OK ESC

Opomba: Zgornji koraki zahtevajo, da je naprava seznanjena z vozilom.

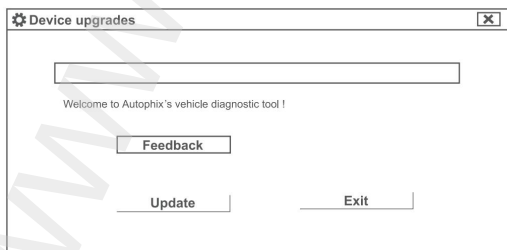
Po uspešni uporabi napravo priključite na računalnik in ponovno predvajajte podatke.

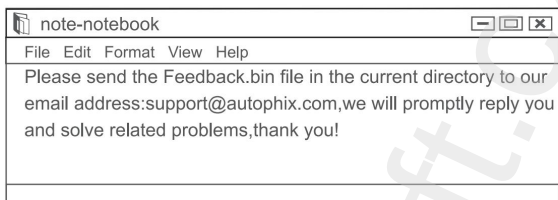


Napravo priključite na računalnik. Odprite posodobljeno datoteko, izberite Nadgradi.

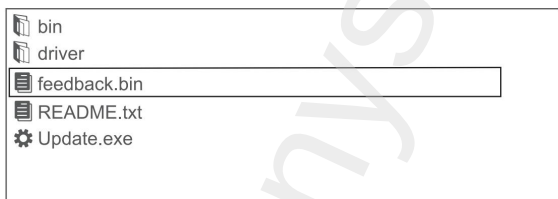


Nato: izberite »Nadgradi orodja«, pritisnite »Povratne informacije« in prikazalo se bo naslednje:





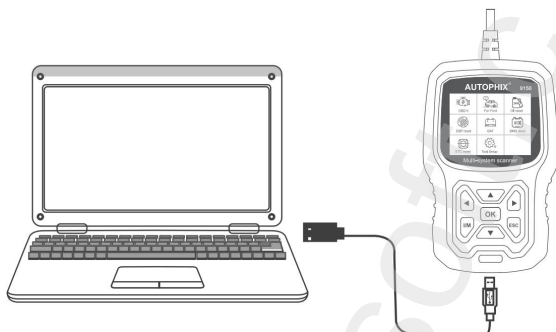
Izberite navedeno datoteko: in oddajte datoteko Feedback.bin na naslovu support@autophix.com.



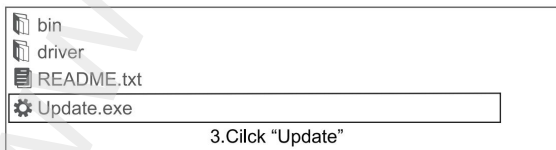
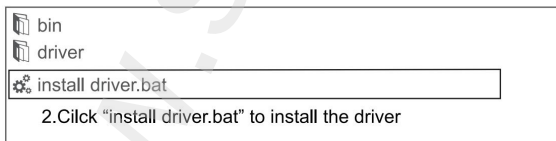
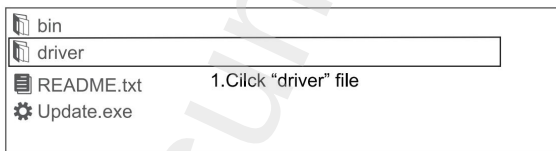
Opomba: zgornji koraki se bodo prikazali po vzpostavitvi povezave računalniška naprava.

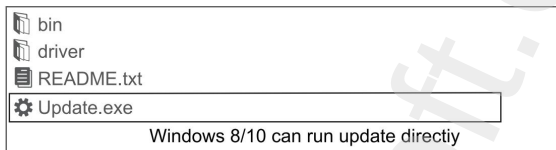
5. Posodobitev

1. Prenesite programsko opremo.
2. Napravo priključite na računalnik prek USB-ja kabel.



3. Programsko opremo podpirajo sistemi Windows 7/8/10.
Če imate Windows 7, označite možnost »Namesti driver.bat«.
Windows 8/10 se posodablja samodejno.





Distributer

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Kovanecká 2390/1a
19000 Praha 9
Češka republika
www.sunnysoft.cz

AUTOPHIX[®]

Korisnički priručnik

9150



Sigurnosna obavijest

Molimo pažljivo pročitajte ovaj priručnik prije prve upotrebe.
Sačuvajte ovaj priručnik za buduću upotrebu.

1. Proces testiranja namijenjen je prvenstveno tehničkom osoblju.
2. Slijedite sigurnosne upute. U suprotnom postoji opasnost od ozljeda ili oštećenja uređaja i vozila.
3. Molimo pročitajte i priručnik za vozilo prije prve upotrebe. U suprotnom postoji opasnost od oštećenja.
4. Uređaj koristite u dobro prozračenoj prostoriji. Automobil tijekom upotrebe stvara ugljični monoksid i druge otrovne plinove. U suprotnom postoji rizik od trovanja plinom.
5. Tijekom rada vozila, mnogi unutarnji dijelovi također su u pogonu. Držite dovoljnu udaljenost od pokretnih dijelova, u suprotnom postoji opasnost od ozljeda.
6. Tijekom rada vozila, neki dijelovi su vrlo vrući. Ne dirajte ih golim rukama. U suprotnom postoji opasnost od ozljeda.
7. Ne uključujte i ne isključujte uređaj dok je vozilo u pogonu. Uređaj uključujte/isključujte samo kada je vozilo isključeno.
8. Isparenja goriva i akumulatora su lako zapaljiva. Ne pušite i ne koristite otvoreni plamen tijekom rada. U suprotnom postoji rizik od eksplozije, požara i ozljeda.

Kompatibilnost 1.

Podrška za vozila: Ford, Lincoln i Mercury proizvedeni nakon 1996. sa 16-pinskom utičnicom s F150, Transit, VAN.

2. Podrška za OBDII/EOBD.

Tehnički podaci

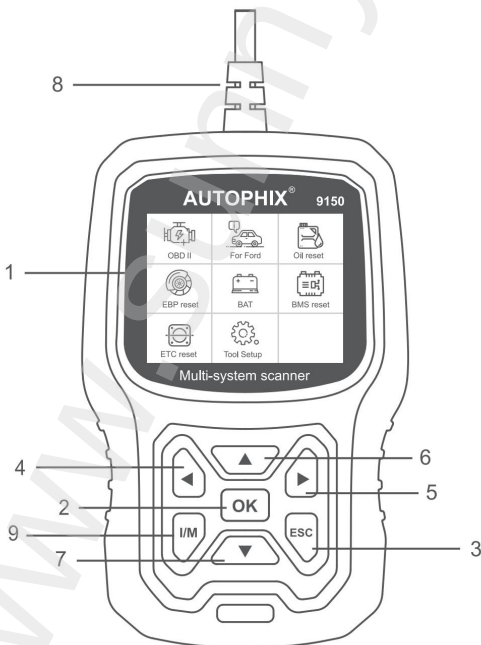
2,8" LCD zaslon u boji, 320 x 240 piksela

Radni napon: 8V - 18V

Radna temperatura: -10 - 60 °C

Temperatura skladištenja: -20 - 70 °C

Opis uređaja



1. LCD zaslon - prikaz rezultata mjerenja, pozadinsko osvjetljenje, 320 x 240 piksela.
2. Tipka OK - potvrđuje odabir izbornika.
3. Tipka ESC - poništava odabir iz izbornika ili vraća na Jelovnik.
4. Lijeva tipka - pomicanje lijevo u izborniku i ispod izbornika, tijekom pregleda podataka, koristite tipku za povratak na prethodni zaslon.
5. Desna tipka - pomicanje u izborniku i ispod izbornika desno, dok pregledavate podatke, koristite tipku 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. Gumb prema dolje - pomicanje prema dolje u izborniku i ispod izbornika, prilikom vraćanja podataka za više od jednog zaslona, pomicanjem prema dolje prelazite 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 , sustav isparavanja itd.

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

Komentar:

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

Ø - ne podržava

✓ - dovršeno

X - nije dovršeno

Upute za uporabu 1.

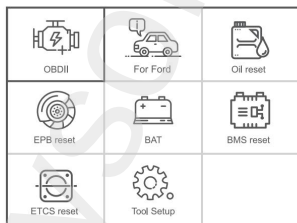
Priključak 9150

1.1 Uključite paljenje.

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



Glavno sučelje



Glavni izbornik

1.3 Glavni izbornik funkcija

OBDII: detekcija motora

"Za Ford": testiranje svih sustava

"Resetiranje ulja": resetiranje zamjene ulja

"EPB resetiranje": Zamjena EPB kočionih pločica

"BAT": očitavanje napona baterije u stvarnom vremenu

"BMS resetiranje": resetiranje sustava upravljanja baterijom

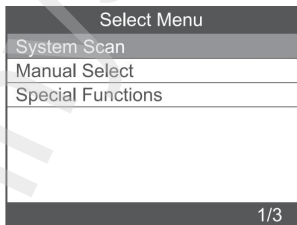
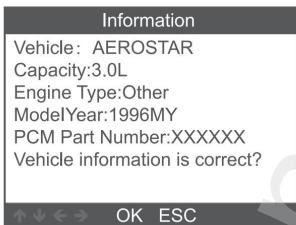
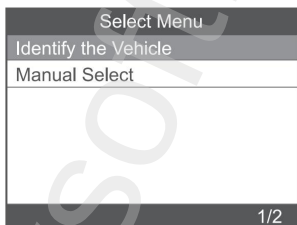
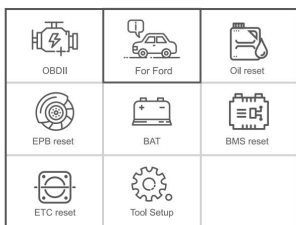
"ETC resetiranje": resetiranje kontrole gasa

" Postavke alata": Jezik, zvučni alarm, upute (prikazane kada su uključene), mjerna jedinica, stil površine, povratna informacija

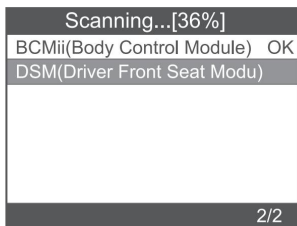
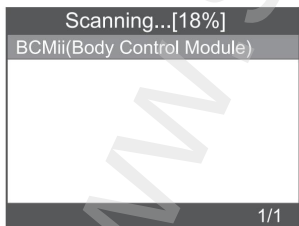
2. Funkcija 9150

2.1 Osnovne funkcije

Odaberite "Za Ford" za prikaz sljedećeg:



"Skeniranje sustava" skenira sustav vozila. Pritisnite "Skeniranje sustava" za prikaz sljedećeg:



Scanning...[81%]	
BCMii(Body Control Module)	OK
PCM(Power train Control M...	OK
PDM(Passenger Front Door	
3/3	

Select System Diagnose	
BCMii(Body Control Module)	OK
PCM(Power train Control M...	OK
1/2	

"Ručni odabir" prikazuje sve moguće sustave, odaberite jedan i izvršite dijagnostiku. Odaberite "Ručni odabir" i prikazati sljedeće:

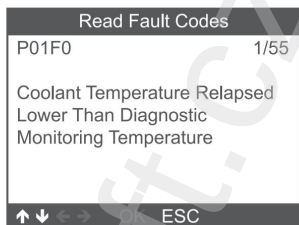
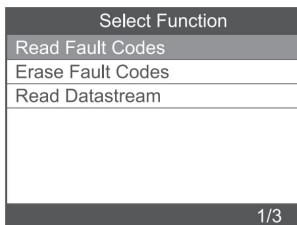
Select Menu	
System Scan	
Manual Select	
Special Functions	
2/3	

Select System Diagnose	
ABS(Antilock braking system)	
BCMii(Body Control Module)	
DDM(Driver Front Door Module)	
DSM(Driver Front Seat Module)	
GWM(Gateway Module A)	
HVAC(Heating Ventilation Air C..)	
IPC(Intrument Panel Control M...)	
1/11	

Select System Diagnose	
PCM(Power train Control Module)	
PDM(Passenger Front Door Mo...	
PSCM(Power Steering Control...	
RCM(Restraint Control Module)	
8/11	

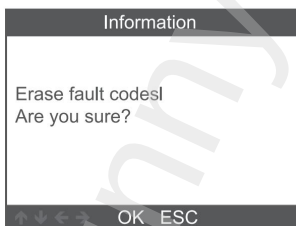
2.1.1 Čitanje kodova grešaka

Odaberite "Pročitaj kodove grešaka". Pritisnite gumb gore/dolje i provjerite kodove grešaka u nastavku:

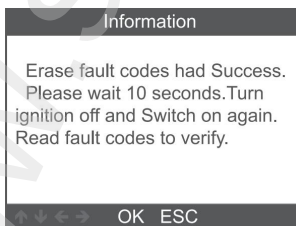


2.1.2 Brisanje kodova grešaka

Odaberite "Izbriši kodove grešaka" i zatim pritisnite gumb U redu za prikaz sljedećeg:



Ponovno pritisnite gumb U redu i obrišite kodove grešaka prikazane u nastavku:



Ako ne želite izbrisati kodove grešaka, pritisnite tipku ESC.

2.1.3 Čitanje podatkovnog

toka Odaberite "Čitanje podatkovnog toka", a zatim pritisnite gumb U redu za prikaz sljedećeg:

Select Function
Read Fault Codes
Erase Fault Codes
Read Datastream
3/3

Datastream
View All Items
Select Items
1/2

Odaberite "Prikaži sve stavke", a zatim pritisnite gumb U redu za prikaz sljedećeg:

Datastream	
A/C Pressure Sensor Voltage[Voits]	1.40
A/C clutch output fault detected.	NO Fault
CMP and CKP Synchronized	Yes
o2s11 Status	NO Fault
o2s11 is warm and ready to operate.	Yes
1-5/471	

Odaberite "Odaberi stavke", a zatim pritisnite gumb U redu, na zaslonu će se prikazati sljedeće:

Datastream
View All Items
Select Items
2/2

Select Datastream	
[]	All Datastream of Page
[]	A/C Pressure Sensor Voltage
[]	A/C clutch output fault detected.
[]	A/C Pressure sensor
[]	CMP and CKP Synchronized
1-4/284	

Pritisnite lijevu/desnu tipku za prelazak na sljedeću stranicu.

Pritisnite tipku gore/dolje za odabir svake od njih.

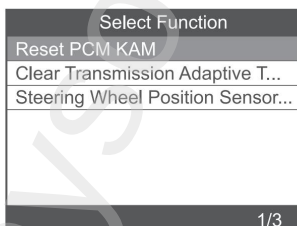
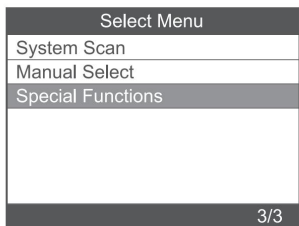
2.2 Glavne posebne funkcije

Razlikuje se od modela vozila do modela vozila.

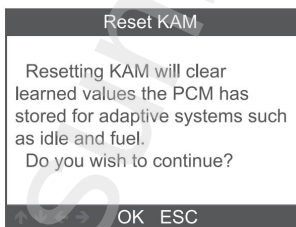
Ovdje su navedene samo odabrane funkcije uređaja ,
Ako ste zainteresirani za više funkcija, obratite se proizvođaču.

2.2.1 Resetiranje PCM CAM-a

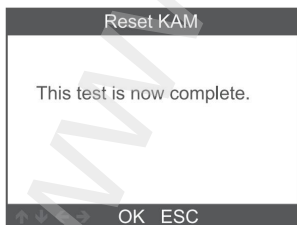
Odaberite "Posebne funkcije" za prikaz sljedećeg:



Odaberite "Reset PCM KAM" i prikažite sljedeće:

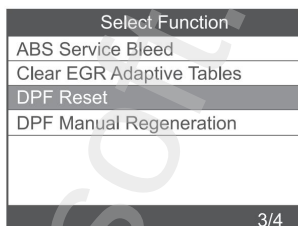
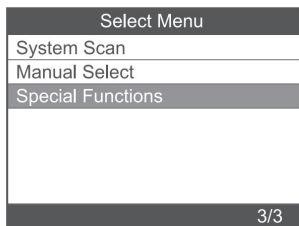


Pritisnite OK za prelazak na sljedeće i dovršetak radnje posebnim funkcijama.

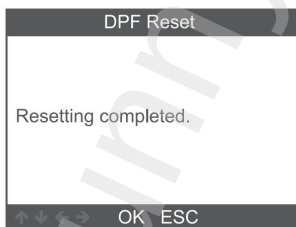


2.2.2 Resetiranje DPF-

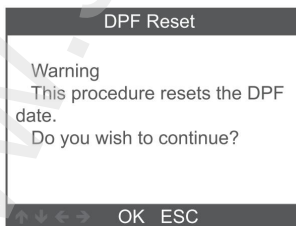
a Odaberite "Posebne funkcije" i prikažite sljedeće:



Pritisnite gumb U redu za prikaz sljedećeg:



Pritisnite OK i nastavite:



2.2.3 Postavljanje broja injektora U sustavu motora odaberite "Posebne funkcije" i prikažite sljedeće:

Select Function
ABS Service Bleed
Reset TCM KAM
Clear Transmission Adaptive T...
DPF Manual Regeneration
IQA

5/5

Odaberite " Podešavanje količine injektora" i prikažite sljedeće:

Injector Quantity Adjustment
Carry out this procedure to enter the new IQA date whenever a fuel in ject is replaced or to make a correction to the existing in jector IQA data currently stored in the PCM.
↑ ↓ ← → OK ESC

Injector Quantity Adjustment
On the following screen,the diagnostic tester will attempt to retrieve the in jector IQA data from the PCM allowing for verification and data entry. Perform the following :
↑ ↓ ← → OK ESC

Pritisnite OK i nastavite kako slijedi:

Injector 1	
OK	
Delete	
0	
1	Enter the character IQA data
2	
3	
4	
3/38	↑ ↓ ← → OK ESC

Pritisnite gumb U redu, morate ručno unijeti vrijednosti U redu i pojavit će se sljedeće:

Injector Quantity Adjustment	
In ject...	
Next	In jector 1#FC2F A 03028
	In jector 2#002F5FF 020

9/9 ↑ ↓ ← → OK ESC

Pritisnite lijevu tipku i pomaknite odabir prema dolje.
Pritisnite desni gumb za odabir pri dnu.
Pritisnite OK za prikaz sljedećeg:

Injector Quantity Adjustment
Set ignition switch to OFF (Position 0).

↑ ↓ ← → OK ESC

Injector Quantity Adjustment
Set the ignition switch to ON.

↑ ↓ ← → OK ESC

Pritisnite OK za prikaz sljedećeg:

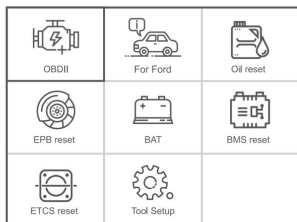
Injector Quantity Adjustment
The following injector IQA data is currently stored in the PCM.
In jector 1:FC2FA03028
In jector 2:002F5FF020
In jector 3:FC201F5028

↑ ↓ ← → OK ESC

Napomena: Konfiguracija se razlikuje od modela do modela.

3 OBDII dijagnostika

Odaberite "OBDII" i prikažite sljedeće:



Select System Diagnose	
J1850 VPW	[fail]
J1850 PWM	[fail]
ISO15765-4 CAN (11bit)	[fail]
ISO15765-4 CAN (29bit)	[]
ISO14230-4 KWP	[]
ISO14230-4 KWP(5BPS)	[]
ISO9141	[]
Processing	

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".

Označava 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 kvarova će se izbrisati iz memorije.

1. Odaberite "Pročitaj kodove", a zatim pritisnite gumb U redu.

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

Ako nema dostupnih dijagnostičkih poruka o pogrešci kodova, na zaslonu se pojavljuje poruka "U modulu nema kodova". "Nisu pohranjeni (kodovi na čekanju)! " pohranjeno u modulu". Pričekajte nekoliko sekundi ili pritisnite bilo koju tipku za povratak u dijagnostički način rada Jelovnik.

2. DTC-ovi i definicije na zaslonu
(broj upravljačkog modula, slijed DTC-ova, ukupno broj detektiranih kodova, vrsta kodova (općenito specifikacija).

DTC	
P1113	1/3
FORD	Pending
IAT Sensor Open/Short	
↑ ↓ → OK ESC	

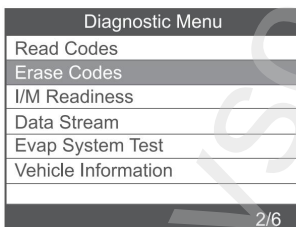
3.2 Brisanje kodova

Napomena: funkcija radi kada je motor isključen.
Ne pokrećite motor.

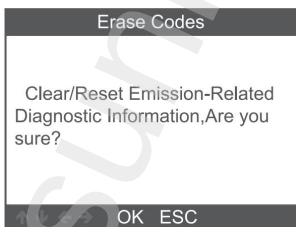
Prije izvođenja ove funkcije, provjerite jeste li pročitali i zabilježili kodove grešaka.

Nakon brisanja, trebali biste ponovno pročitati kodove grešaka ili uključiti paljenje i ponovno pročitati kodove. Ako se kodovi grešaka za ozbiljne kvarove i dalje pojavljuju, prvo saznajte uzrok kvara, a zatim riješite problem. Kodovi grešaka sada se mogu izbrisati.

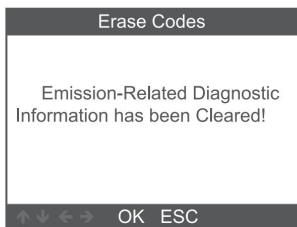
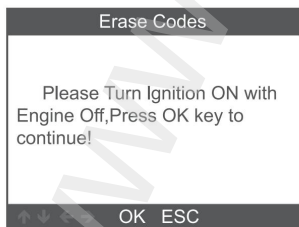
1. Odaberite "Izbriši kodove", a zatim pritisnite gumb U redu.



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



3. Pritisnite U redu za potvrdu.



3.3 Spremnost za I/M

Odaberite "I/M Readiness" (Spremnost I/M), zatim pritisnite gumb OK i prikazati sljedeće:

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

Pomoću tipke gore/dolje odaberite, a zatim pritisnite tipku U redu za prikaz sljedećeg:

I/M Readiness	
Misfire monitor	OK
Fuel system monitor	OK
Comprehensive component monitor	OK
Catalyst monitor	INC
Heated catalyst monitor	N/A
1-5/10	

N/A znači da značajka nije dostupna za određeni model vozilo, INC promijenjen, nije kompletno ili nije spremno za čitanje, OK znači gotovo ili nadzirano.

3.4 Tok

podataka Odaberite "Tok podataka" za prikaz sljedećeg:

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

Datastream	
Fuel system 1 status	OL
Fuel system 2 status	OL
Calculated LOAD Value	0.0%
Engine Coolant Temperature	-31°C
Short Term Fuel Trim-Bank 1	0.0%
1-5/19	

3.5 Test EVAP sustava Ova

funkcija omogućuje stvaranje uvjeta potrebnih za provođenje testa propuštanja EVAP sustava , ali zapravo ne provodi test. Proizvođač vozila odgovoran je za postavljanje kriterija za automatsko zaustavljanje testa.

Prije izvođenja ove funkcije, pogledajte servisni priručnik vozila kako biste osigurali potrebne postupke.

Diagnostic Menu
Read Codes
Erase Codes
I/M Readiness
Data Stream
Evap System Test
Vehicle Information
5/6

Erase System Test
Evaporative system leak test not supported.
↑ ↓ ← → OK ESC

3.6 Informacije o vozilu

Odaberite "Informacije o vozilu" za pregled sljedećeg:

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

Vehicle Information
Vehicle Identification Number (VIN) LVSFBFAC94F020950
Calibration Identifications(CID) 000007550753
Calibration Venfication Number (CVN) B5073064
↑ ↓ ← → OK ESC

4. Postavke

4.1 Jezik

Odaberite "Jezik" i pojavit će se sljedeće:

 OBDII	 For Ford	 Oil reset
 EPB reset	 BAT	 BMS reset
 ETCS reset	 Tool Setup	

Tool Setup	
Language	
Beeper	
Instructions(Display at startup)	
Unit of Measure	
Skin Style	
Feedback the test result	
1/6	

Language	
English	
Français	
Deutsch	
Español	
русский	
Português	
Svenska	
1/10	

Language	
Dansk	
Suomalainen	
Norsk språk	
8/10	

4.2 Zvučni alarm

Odaberite "Beeper" i pojavit će se sljedeće:

Tool Setup	
Language	
Beeper	
Instructions(Display at startup)	
Unit of Measure	
Skin Style	
Feedback the test result	
2/6	

Beeper	
OFF	
ON	
1/2	

4.3 Upute (početni zaslon)

Odaberite "Upute (Prikaži pri pokretanju)" i prikažite sljedeće:

Tool Setup
Language
Beeper
Instructions(Display at startup)
Unit of Measure
Skin Style
Feedback the test result
3/6

Instructions(Display at startup)
OFF
ON
1/2

4.4 Mjerna jedinica

Odaberite "Mjerna jedinica" za prikaz sljedećeg:

Tool Setup
Language
Beeper
Instructions(Display at startup)
Unit of Measure
Skin Style
Feedback the test result
4/6

Unit of Measure
Metric
Imperial
1/2

4. 5 Stil

Odaberite "Stil kože" za prikaz sljedećeg:

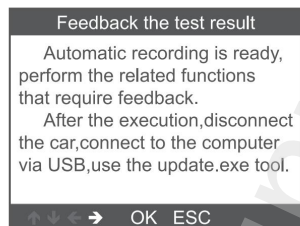
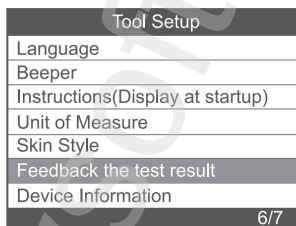
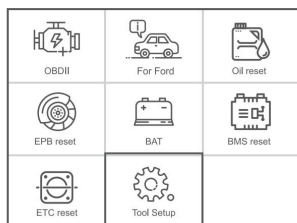
Tool Setup
Language
Beeper
Instructions(Display at startup)
Unit of Measure
Skin Style
Feedback the test result
5/6

Skin Style
Sky Gray
Gem Blue
1/2

4.6 Povratne informacije

Ako se tijekom korištenja pojavi pogreška u povezivanju vozila ili neki drugi problem, upotrijebite funkciju povratnih informacija.

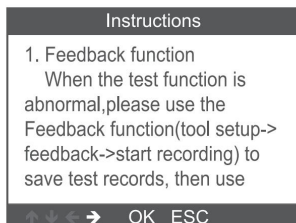
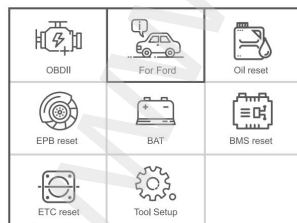
Odaberite "Postavke alata", pritisnite "Izbornik povratnih informacija o rezultatima testa" i prikažite sljedeće:



Uređaj prikazuje poruku "Povratna informacija" i završava povratnu informaciju.

Pritisnite ESC za izlaz iz glavnog izbornika.

Na primjer: ako veza s Fordovim ABS sustavom ne uspije, nastavite sa sljedećim koracima:



Nakon što je ponuda povratnih informacija prisutna , vratite se na glavni sadržaj Izbornik: Otvorite Fordov izbornik, uđite u sučelje, koji se nije uspio povezati ili izvršiti operaciju koja nije bio uspješan tijekom dijagnostike .

Select Menu
Identify the Vehicle
Manual Select
1/2

Information
Vehicle: Transit
Capacity:2.2L
Engine Type:Duratorq-turbo
Diesel Common Rail Injection
ModelYear:2006.5MY
PCM Part Number:6C11AA
↑ ↓ → OK ESC

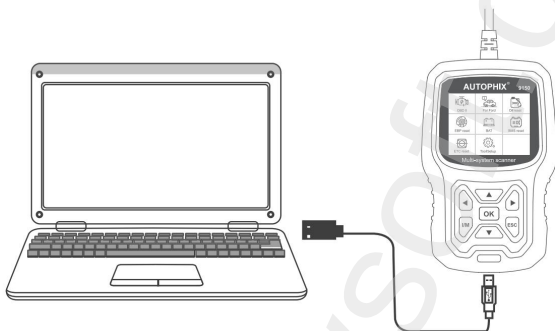
Select Menu
System Scan
Manual Select
Special Functions
3/3

Select Function
ABS Service Bleed
Diesel Particulate Filter Static ...
Fuel Injection Pump Learn
Fuel Injection Correction Factors
Reset the Diesel Particulate Filt...
1/5

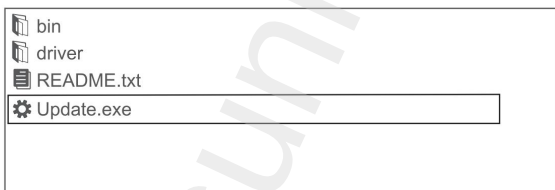
Information
This Module Is Not Responding.
Please Confirm:
*Check to ensure vehicle is equipped.
*Check Whether The Vehicle Wiring And Fuse Are Ok.
↑ ↓ ← → OK ESC

Napomena: Za gore navedene korake uređaj mora biti uparen s vozilom.

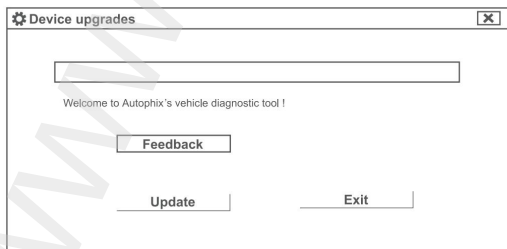
Nakon uspješne upotrebe, spojite uređaj na računalo i ponovno reproducirati podatke.

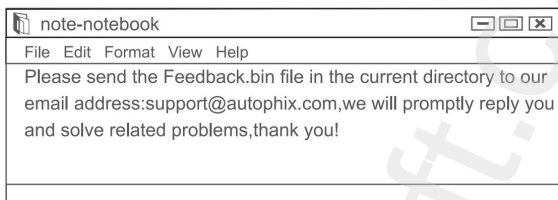


Spojite uređaj s računalom. Otvorite ažuriranu datoteku, odaberite Nadogradi.

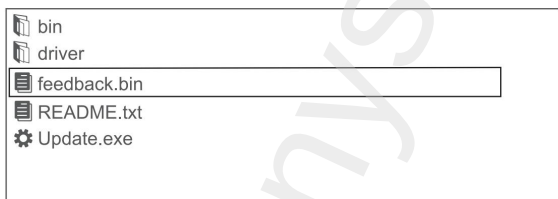


Zatim: odaberite "Alati za nadogradnju", pritisnite "Povratne informacije" i pojavit će se sljedeće:





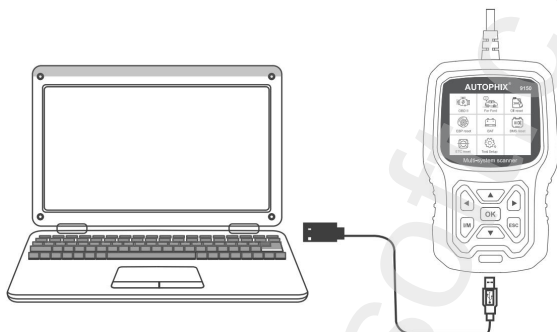
Odaberite navedenu datoteku: i pošaljite datoteku Feedback.bin na support@autophix.com.



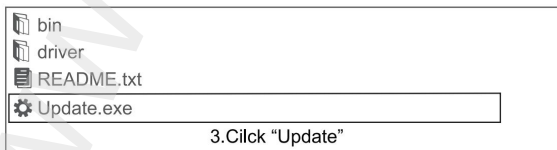
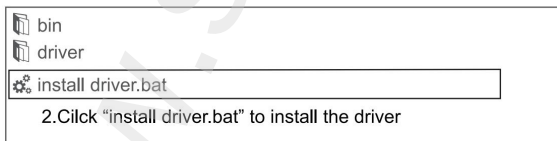
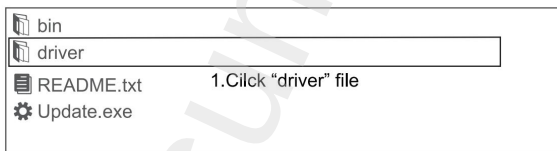
Napomena: gore navedeni koraci pojavit će se nakon povezivanja računalni uređaj.

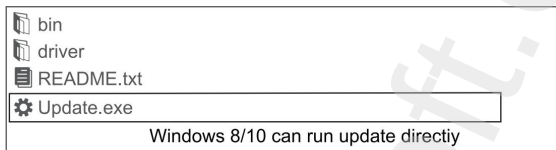
5. Ažuriranje

1. Preuzmite softver.
2. Spojite uređaj s računalom putem USB-a kabel.



3. Softver podržava Windows 7/8/10.
Ako imate Windows 7, označite "Instaliraj driver.bat".
Windows 8/10 se ažurira automatski.





Distributer

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