

# AUTOPHIX<sup>®</sup>

## NÁVOD K POUŽITÍ

# 9500



## BEZPEČNOSTNÍ UPOZORNĚNÍ

Abyste předešli zranění osob nebo poškození vozidel a/nebo skenovacího nástroje, přečtěte si nejprve tento návod k použití a při každé práci na vozidle dodržujte minimálně následující bezpečnostní opatření:

Testování automobilů provádějte vždy v bezpečném prostředí. Nepokoušejte se přístroj ovládat nebo pozorovat během řízení vozidla. Obsluha nebo pozorování nářadí rozptyluje pozornost řidiče a může způsobit smrtelnou nehodu.

Používejte ochrannou ochranu očí, která splňuje normy ANSI.

Pracujte s vozidlem v dobře větraném pracovním prostoru:

Výfukové plyny jsou jedovaté.

Zařaďte převodovku do polohy PARK (u automatické převodovky) nebo NEUTRAL (u manuální převodovky) a zkontrolujte, zda je zatažena parkovací brzda.

Skenovací nástroj udržujte suchý, čistý, bez oleje/vody nebo mastnoty. V případě potřeby očistěte vnější část skenovacího nástroje jemným čisticím prostředkem na čistém hadříku.

Tipy: Při používání výrobku jej před nastartováním zapojte do auta.

## O PŘÍSTROJI 9500

### 1. Pokrytí

1) 9500 funguje na většině amerických, evropských a asijských vozidel s OBDII po roce 1996.

2) 1999-2021 Hyundai

Podporuje většinu vozidel Hyundai s rozhraním OBD16PIN s napětím 12 V.

Například Accent(HC). Accent(HC)-U.S. Accent/Verna(HCI)  
Accent(LC). Accent(MC). Accent(RB) Accent/Solaris(RBr).  
Accent/Solaris(HCR). Atos Prime(MXL). Atos(MX).

Atos(MXI)-PDF、Creta(GS)、Creta(GSB)、Creta(GSR)、  
 Creta(SU2I)、Centennial(LZ)、Equus/Centennial(VI)、Elantra  
 Coupe(JK)、Elantra(AD)、Elantra(ADA)、Elantra(ADI)、  
 Elantra(CN7)、Elantra(HD)、Elantra(MD)、Elantra(MDI)、  
 Elantra(UD)、Elantra(XD)、Eon(HA)、G70(IK)、G70(IK)-U.S.、  
 G80(DH)、G80(DH)-U.S.、G80(RG3)、GV80(JX1)、G90(HI)、  
 G90(HI)-U.S.、Genesis Coupe(BK)、Genesis Coupe(BK  
 US)-U.S.、Genesis(BH)、Genesis(BH US)-U.S.、Genesis(DH)  
 、Getz(TB)、Grand i10 Nios/Aura(AI3)、Grand i10/Xcent(BA)  
 、Grand Santafe(NC)、Grandeur(XG)、Grandeur/Azera(HG)、  
 Grandeur/Azera(IG)、Grandeur/Azera(TG)、H-1 Truck(SR)、  
 H-1(A1)、H-1/iMAX/iLOAD(TQ)、H-100 TRUCK(HR)、  
 H350(EU)、HB20(HB)、HB20(BR2)、HD Coupe(GK)、i10(IA)、  
 i10(PA)、i10(AC3)、i20(GB)、i20(IB)、i20(PB)、i20(BC3)、  
 i30(FDe)、i30(GD)、i30(GDe)、i30(PD)、i30(PDE)、  
 i30N(PDEN)、i30/Elantra Neos(FD)、i40(VF)、IONIQ  
 Electric(AE EV)、IONIQ Hybrid(AE HEV)、IONIQ Phev(AE PHEV)  
 、ix20(JC)、ix35 FCEV(LM FCEV)、ix35(EL)、Kona(OS)、Kona  
 Electric(OS EV)、Kona Electric(OSe EV)、Kona Electric(OSi EV)  
 、Kona Hybrid(OS HEV)、Matrix(FC)、Nexo(FE)、  
 Palisade(LX2)、Reina(CB)、Santafe(TM)、Santafe(TMA)、  
 Santro(AH2)、Santafe Sport(DMA)、Santafe(CM)、  
 Santafe(DM)、Santafe(DMI)、Santafe(SM)、Sonata Hybrid(LF  
 HEV)、Sonata Hybrid(LF HEV)-U.S.、Sonata Hybrid(YF HEV)、  
 Sonata Hybrid(YF HEV)-U.S.、Sonata Hybrid(YF HEV US)-U.S.  
 、Sonata(DN8)、Sonata Hybrid(DN8 HEV)、Sonata(DN8A)-For  
 Mexico、Sonata(EF)、Sonata(LF)、Sonata(LFA)、Sonata(NF)  
 、Sonata(YFI)、Sonata(YFA)-U.S.、Sonata/i45(YF)、  
 Terracan(HP)、Trajet XG(FO)、Tucson FFV(JM FFV)、  
 Tucson(JM)、Tucson(LM)-BRAZIL、Tucson/ix35(LM)、  
 Tucson(TL)、Tucson(TLe)、Tucson(TLI)、Veloster(FS)、  
 Veracruz/ix55(EN)、Verna(RBI)、Veloster N(JSN)、  
 Veloster(JS)、Venue(QX)、Venue(QXI)、Accent(HC)、  
 Accent(RB)、Accent(MC)、Accent(LC)、Azera(HG)、Azera(TG)  
 、Elantra(AD)、Elantra(ADA)、Elantra GT(PD)、Elantra(MD)、

Elantra(UD)、Elantra(HD)、Elantra(XD)、Elantra Coupe(JK)、  
 Elantra GT(GD)、Elantra Touring(FD)、Entourage(EP)、  
 Equus(VI)、G80(DH)、G80(RG3)、GV80(JX1)、G90(HI)、  
 G70(IK)、Genesis(BH)、Genesis(DH)、Genesis Coupe(BK)、  
 IONIQ Electric(AE EV)、IONIQ Hybrid(AE HEV)、IONIQ Plug-in  
 Hybrid(AE PHEV)、Kona(OS)、Kona Electric(OS EV)、Nexo(FE)、  
 Palisade(LX2)、Santafe(TMA)、Santafe(NC)、Santafe(CM)、  
 Santafe(SM)、Santafe Sport(DMA)、Sonata Hev(LF HEV)、  
 Sonata Phev(LF PHEV)、Sonata(LFA)、Sonata(YFA)、  
 Sonata(NF)、Sonata(EF)、Sonata Hybrid(YF HEV)、Sonata  
 Hybrid(DN8 HEV)、Sonata(DN8A)、Tucson FceV(LM FCEV)、  
 Tucson(TL)、Tiburon(GK)、Tucson(LM)、Tucson(JM)、  
 Veloster(FS)、Veloster N(JSN)、Veloster(JS)、Venue(QX)、  
 Veracruz(EN)、XG(XG).

### 3) 2000-2021 KIA

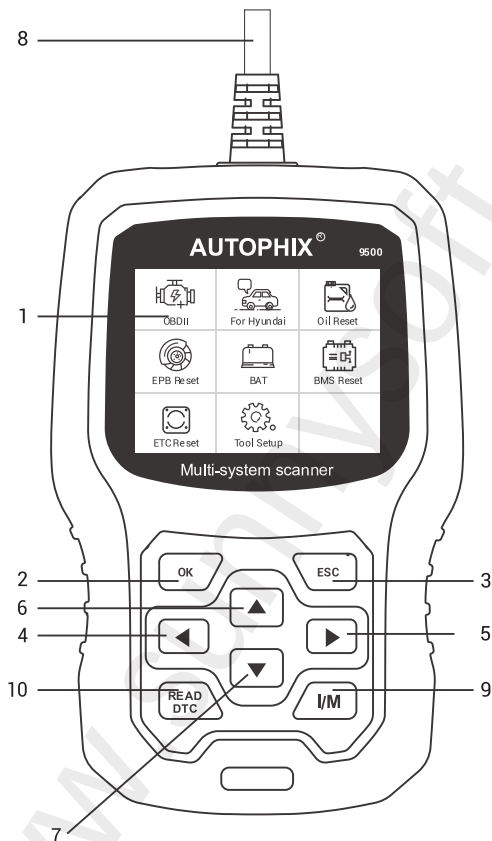
Podporuje většinu vozidel KIA s rozhraním OBDI 6PIN 12V.  
 Například Besta(TP). Cadenza (VG). Cadenza(YG). Carens  
 (FJ)、Carens(UN)、Carens/Rondo(RP)、Carnival/Sedona  
 (GQ)、Carnival/Sedona(VQ)、Carnival/Sedona(YP)、Carnival  
 (YP) - Israel、Carnival(YPi)、Cee'd(ED)、Cee'd(JD)、Cee'd  
 (CD)、Ceed PHEV(CD PHEV)、Ceed(CD) - ProCeed (Shooting  
 Brake)、Ceed(CD) - Sportswagon、Cerato/Forte(BD)、  
 Cerato/Forte(BDm)、Cerato(LD)、Cerato/Forte(TD)、  
 Cerato/Forte(YD)、Cerato/Forte(YDm)、K900(RJ)、  
 K2500/K2700/K3000/K3000S(PU)、K5 HEV(DL3 HEV)、K5  
 (DL3)、Mohave/Borrego(HM)、Niro(DE HEV)、Niro(DE  
 HEV)-For Mexico、Niro(DE EV)、Niro(DE PHEV)、Niro(DE  
 PHEV)-For Mexico、Opirus(GH)、Optima HEV(JF HEV)、  
 Optima PHEV(JF PHEV)、Optima (JF)、Optima(JFA) - For  
 Central And South America、Optima(QF)-For Central and  
 South America、Optima HEV(TF HEV)、Optima(TF)、  
 Optima/Magentis(MG)、Optima/Magentis(MS)、Pegas/Soluto  
 (AB)、Picanto(SA)、Picanto(TA)、Picanto/Morning(JA)、

Pregio(FP). Quoris(KH). RIO(BC). RIO(JB). RIO(QBR).  
 RIO(UB)- RIO(FB). RIO(SC). RIO(YB). Seltos(SP2).  
 Seltos(SP2i). Sephia(FBI 2). Shuma/Spectra(SD). Soren-  
 to(BL). Sorento(UM). Sorento(XM). Sorento(UMA)-pro Střední  
 a Jižní Ameriku. Sorento(XMA)-pro Střední a Jižní Ameriku.  
 Soul EV(SK3 EV). Soul EV(SK3 EV)-pro Mexiko. Soul(SK3).  
 Soul(SK3)-pro Mexiko. Soul(SK3A). Soul EV(PS EV).  
 Soul(AM). Soul(PS). Soul(PS)-pro Mexiko. Sportage(KM).  
 Sportage(SL). Sportage(SLE). Sportage(QL)  
 Sportage(QL)-Pro Mexiko. Sportage(QLE).  
 Sportage(QLE)-Pro Mexiko. Stinger(CK). Stonic(YB CUV).  
 Telluride(ON). Telluride(ON)-Pro Mexiko. Venga(YN). XCeed  
 PHEV(CD CUV PHEV). XCeed(CD CUV). Amanti(GH).  
 Borrego(HM). Cadenza(VG). Cadenza(YG). Forte(BDm).  
 Forte(YD). Forte(YDm). Forte/Forte Koup(TD). Forte(BD).  
 K5(DL3A). K900(RJ). K900(KH). Niro(DE EV). Niro(DE HEV)  
 Niro(DE PHEV). Optima Hybrid (JF HEV). Optima Hybrid(TF HEV).  
 Optima PHEV(JF PHEV). Optima(JF). Optima(JFA).  
 Optima(MG). Optima(MS). Optima(TF/QF). RIO(BC). RIO(JB).  
 RIO(SC). RIO(UB). Rondo(UN). Sedona(GQ).  
 Sedona(VQ). Sedona(YP). Sephia(FB). Sorento(BL).  
 Sorento(UMA). Sorento(XM). Seltos(SP2). Soul EV (PS EV)  
 Soul EV(SK3 EV). Soul(AM). Soul(PS). Soul(SK3).  
 Spektra(LD). Spectra(SD). Sportage(AL). Sportage(KM).  
 Sportage(QL). Sportage(SL). Stinger(CK). Telluride(ON).

## 2. Specifikace produktu

- 2,8 "LCD displej, 320 X 240 pixelů barevný displej
- Provozní napětí: 8V~18V
- Provozní teplota: 0 - 60 °C (32 - 140 °F)
- Teplota skladování: -20 - 70 °C (-4 - 158 °F)

### 3. Vzhled a popis tlačítek



1. LCD DISPLEJ - zobrazuje výsledky testu. Podsvícený displej s rozlišením 320 x 240 pixelů.
2. TLAČÍTKO [OK] - Potvrzuje výběr (nebo akci) z nabídky.
3. [ESC] - Zruší výběr (nebo akci) v nabídce nebo se vrátí do nabídky.

4. TLAČÍTKO SCROLL [VLEVO]- v režimu nabídky přes menu a podnabídky se přesunete doleva, když se pohybujete v datovém rozhraní, pomocí levého tlačítka se můžete přesunout na poslední obrazovku.

5. TLAČÍTKO SCROLL [VPRAVO] - v režimu nabídky menu se přes položky menu a podnabídky přesouváte doprava, při přecházení v datovém rozhraní lze pomocí pravého tlačítka přejít na další obrazovku.

6. TLAČÍTKO SCROLL [NAHORU] - v režimu menu přes položky menu a podnabídky se přesunete nahoru. Při načítání dat pro více než jednu obrazovku přesunuje nahoru na předchozí obrazovku pro další data.

7. TLAČÍTKO SCROLL [DOLŮ] - v režimu menu se v položce menu a podmenu pohybuje směrem dolů. Při načítání dat více než jedné obrazovky přesun dolů na další obrazovku pro další data.

8. KONEKTOR OBD-16PIN - Připojuje skenovací nástroj ke konektoru datového spoje (DLC) vozidla.

9. TLAČÍTKO [I/M] - rychlá kontrola připravenosti na emise a ověření jízdního cyklu.

10. TLAČÍTKO [READ DTC] - Rychlé přečtení chybových kódů vozidla.

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

#### Poznámky:

MIL žlutá - MIL ON

MIL šedá - MIL OFF

⊘ nepodporuje

✓ dokončené

✗ nedokončené

# POKYNY K POUŽITÍ

## 1. Připojení 9500

1.1 Zapněte zapalování.

1.2 Vyhledejte 16kolíkový konektor datového spoje (DLC) ve vozidle.

## 2. Funkce 9500

### 2.1 Pro Hyundai KIA

Tento produkt testuje hlavně značky Hyundai a KIA. Zvolte [Pro Hyundai KIA] zobrazí se následující:

|                                                                                                |                                                                                                  |                                                                                                |
|------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|
| <br>OBDII     | <br>For Hyundai | <br>Oil Reset |
| <br>EPB Reset | <br>BAT         | <br>BMS Reset |
| <br>ETC Reset | <br>Tool Setup  |                                                                                                |

| Manual Select |
|---------------|
| General Area  |
| USA Area      |
|               |
| 1/2           |

| Select Vehicle Brand |
|----------------------|
| Last Test Record     |
| For Hyundai Diagnose |
| For KIA Diagnose     |
|                      |
| 1/3                  |

| Manual Select       |
|---------------------|
| Accent(HC)          |
| Accent(HC)-U.S.     |
| Accent/Verna(HCI)   |
| Accent(LC)          |
| Accent(MC)          |
| Accent(RB)          |
| Accent/Solaris(RBr) |
| 5/126               |

| Manual Select |
|---------------|
| 2011          |
| 2010          |
| 2009          |
| 2008          |
| 2007          |
| 2006          |
|               |
| 1/6           |

| Manual Select |
|---------------|
| G 1.6 DOHC    |
| G 1.4 DOHC    |
| D 1.5 TCI-U   |
|               |
|               |
| 1/3           |

| Manual Select    |
|------------------|
| Health Report    |
| Control Units    |
| Special Function |
|                  |
|                  |
| 1/3              |

2.1.1 Stiskněte tlačítko [OK] pro pokračování, stiskněte tlačítko [Health Report], obrázky jsou následující:

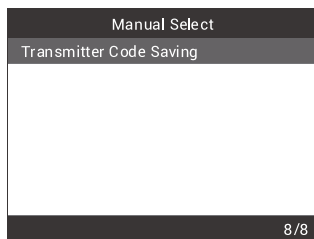
| Scanning ... [58%]            |
|-------------------------------|
| ECM (Engine Control Module... |
| ECM (Engine Control Module... |
| ECM (Engine Control Module... |
| ECM (Engine Control Module... |
| Anti-Lock Brake(MGH-25)       |
|                               |
| 5/5                           |

| Select System                 |
|-------------------------------|
| Clear All DTC                 |
| ECM (Engine Control Module... |
| ECM (Engine Control Module... |
| ECM (Engine Control Module... |
| ECM (Engine Control Module... |
| IMM (Immobilizer)             |
| OK                            |
| 1/6                           |

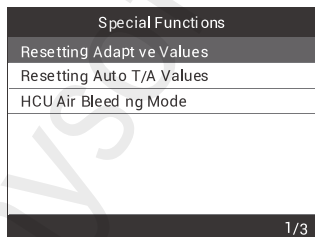
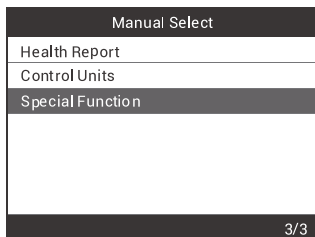
Stiskněte [Control Units], zobrazí se:

| Manual Select    |
|------------------|
| Health Report    |
| Control Units    |
| Special Function |
|                  |
|                  |
| 2/3              |

| Manual Select                     |
|-----------------------------------|
| ECM (Engine Control Module)       |
| TCM (Transmission Control Mo...   |
| ABS (Anti-lock Braking System)    |
| SRS (Supplemental Inflatable R... |
| AC (Air Cond t oning)             |
| EPS (Electronic Power Steering)   |
| IMM (Immobilizer)                 |
| 1/8                               |



Stiskněte tlačítko [Special Functions], zobrazí se následující:



Poznámka: Speciální funkce podporované různými modely se liší.

## 2.2 Speciální funkce (Special functions)

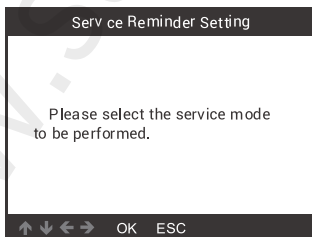
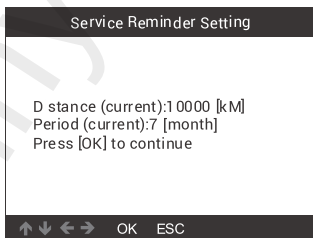
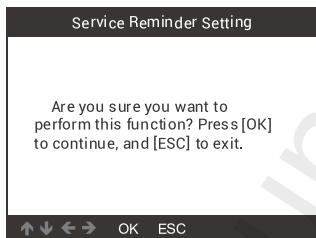
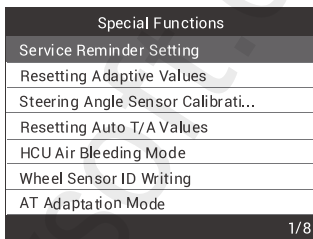
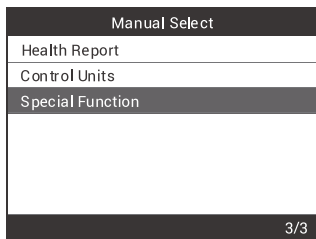
Běžně používané speciální funkce jsou následující:

- ETC reset
  - Resetování ETC
- EPB Replace Brake Pad
  - Výměna brzdového obložení EPB
- Gearbox adaptation
  - Úprava převodovky
- SAS
- Oil reset
  - Resetování oleje
- TPMS reset
  - Reset systému TPMS
- IQA
- BMS reset
  - Reset systému BMS
- EGR reset
  - Resetování EGR
- ABS

Níže vybereme dvě ze speciálních funkcí a podrobně je vysvětlíme.

## 2.2.1 Nastavení servisní upomínky Service Reminder Setting

Stiskněte tlačítko [Special Functions] a přejděte na položku [Service Reminder Settings]. Podle pokynů na rozhraní dokončete nastavení servisní upomínky. Konkrétní kroky jsou následující:



Stiskněte [OK], pokračujte, [ESC] ukončete.

-Můžete ji zadat ručně nebo zvolit přímé vynulování [Customize] pro přizpůsobení počtu kilometrů a periodicity [Reset] pro přímé vynulování. Zvolme [Customize] A-[10000km]. [30000km]. [60000km] je zkrácený vstup.

| Service Reminder Setting |  |
|--------------------------|--|
| Customize                |  |
| Reset                    |  |
|                          |  |
| 1/2                      |  |

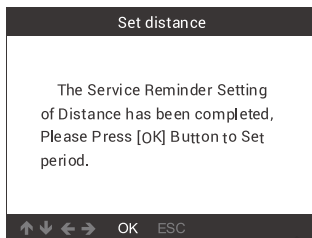
| Service Reminder Setting |  |
|--------------------------|--|
| Set distance             |  |
| Set period               |  |
|                          |  |
| 1/2                      |  |

| Set distance |  |
|--------------|--|
| 10000km      |  |
| 30000km      |  |
| 60000km      |  |
| Manual input |  |
|              |  |
| 1/4          |  |

B-[Manual Input] je pro Vlastní vstupy

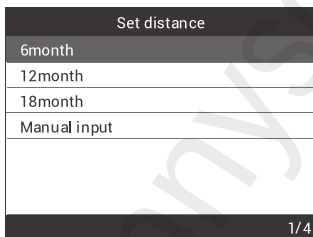
| Set distance |  |
|--------------|--|
| 10000km      |  |
| 30000km      |  |
| 60000km      |  |
| Manual input |  |
|              |  |
| 4/4          |  |

| Set distance            |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|-------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|                         |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Enter distance 0-99999: |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 1                       | 2 | 3 | 4 | 5 | A | B | C | D | E | F | G | H | I | ↩ |
| 6                       | 7 | 8 | 9 | 0 | J | K | L | M | N | O | P | Q | R | ↩ |
| .                       | + | - | * | / | S | T | U | V | W | X | Y | Z | ↩ | ↩ |
| ↩:Next Step             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| I/M:Scroll Text         |   |   |   |   |   |   |   |   |   |   |   |   |   |   |

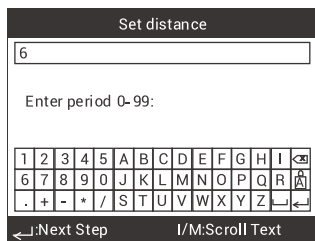
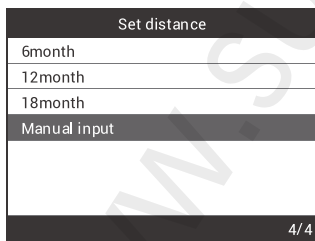


Stisknutím tlačítka [OK] nastavte období.

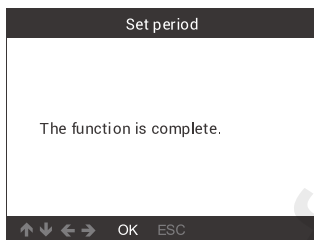
A- [6 měsíců]. [12 měsíců]. [18 měsíců] je zkrácený vstup



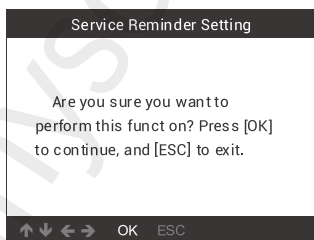
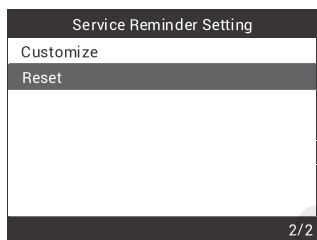
B-[Manual input] je pro Vlastní vstupy



Přizpůsobení počtu ujetých kilometrů a periodicity je kompletní.



[Reset] pro přímé resetování

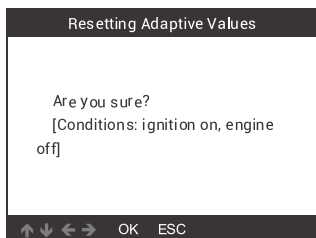
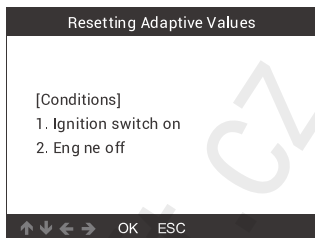
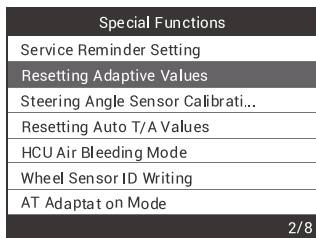


Obnovení údržby dokončeno.

Poznámka: Výše uvedený **text je hlavním obsahem položky Reset kontrolky servisu oleje;** postupujte podle výše uvedených pokynů.

## 2.2.2 Obnovení adaptivních hodnot Resetting Adaptive Values

Stiskněte tlačítko [Special Functions] a přejděte na položku [Resetting Adaptive Values] Podle pokynů na rozhraní dokončete resetování adaptivních hodnot. Konkrétní kroky jsou uvedeny na obrázku níže:



**Poznámka:** Speciální funkce jednotlivých **modelů se liší.**  
**podle aktuálního provozu.**

### 3. Systém OBDII

#### 3.1 Přečtete si kódy

Uložené kódy jsou také známé jako "pevné kódy" (hard codes) nebo "trvalé kódy" (permanent codes). Tyto kódy způsobují, že se v řídicím modulu rozsvítí kontrolka kontrolka poruchy (MIL), když se vyskytne závada související s emisemi.

Čekající kódy se také označují jako "dozrávající kódy" (maturing codes) nebo "kódy průběžného sledování" (continuous monitor codes).

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

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

1) Pomocí posuvného tlačítka NAHORU/DOLŮ vyberte v diagnostickém menu možnost Čtení kódů a stiskněte tlačítko [OK].

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

Pokud nejsou 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) Zobrazení DTC a jejich definic na obrazovce.

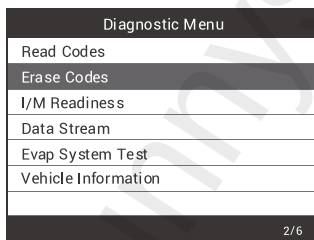
| DTC                                              |                |
|--------------------------------------------------|----------------|
| P0143<br>Generic                                 | 1/8<br>Current |
| O2 Sensor Circuit Low Voltage<br>Bank 1 Sensor 3 |                |
| ↑ ↓ ← → OK ESC    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

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

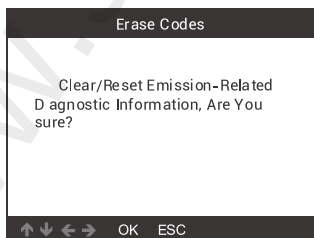
### 3.2 Vymazání kódů **Erase Codes**

Poznámky: Tato funkce se provádí při vypnutém motoru. Motor nenastartujte. Před provedením této funkce se ujistěte, že jste načetli a zaznamenali chybové kódy. Po vymazání je třeba znovu načíst kódy poruch nebo zapnout zapalování a znovu načíst kódy. Pokud se stále vyskytují některé kódy poruch pro těžké poruchy, zjistěte nejprve příčinu, která kód poruchy způsobila, a poté problém vyřešte. Nyní lze poruchové kódy vymazat.

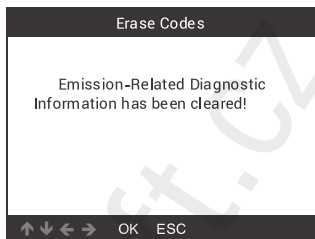
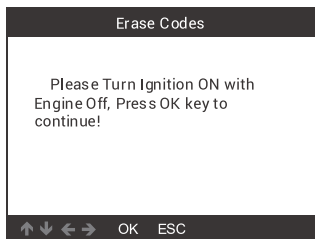
1) Pomocí rolovacích tlačítek NAHORU/DOLŮ vyberte v diagnostické nabídce možnost Vymazat kódy a stiskněte tlačítko [OK].



2) Zobrazí se varovná zpráva s žádostí o potvrzení.

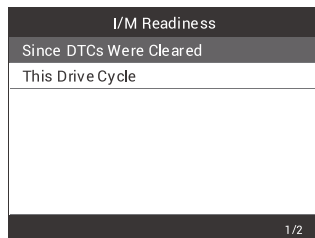
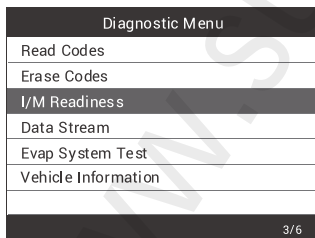


### 3) Potvrďte stisknutím tlačítka [OK].



### 3.3 Připravenost na I/M **I/M Readiness**

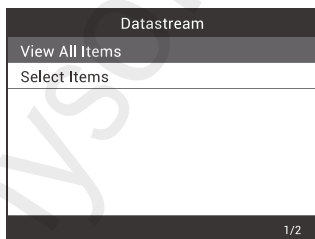
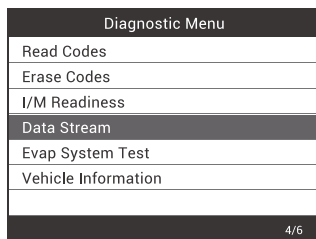
I/M označuje kontrolu a údržbu, která je legislativně stanovena vládou za účelem splnění státních norem pro čistotu ovzduší. I/M Readiness označuje, zda jsou či nejsou různé systémy související s emisemi ve vozidle fungují správně a jsou připraveny na kontrolu a údržbu. Funkci Monitor stavu připravenosti I/M lze také použít (po provedení opravy závady) k potvrzení, že oprava byla provedena správně, a/nebo ke kontrole stavu chodu monitoru.



### 3.4 Datový tok **Data Stream**

Skenovací nástroj OBDII je speciální diagnostický nástroj, který komunikuje s počítačem vozidla. Skenovací nástroj umožňuje zobrazit "živá" data v reálném čase. Tyto informace zahrnují hodnoty (volty, otáčky, teplota, rychlost atd.) a informace o stavu systému (otevřená smyčka, uzavřená smyčka, stav palivového systému atd.) generované různými snímači, spínači a akčními členy vozidla.

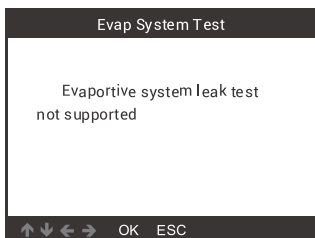
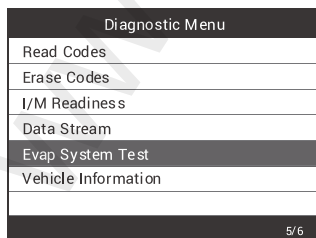
Stiskněte tlačítko OK



### 3.5 Test těsnosti výparníku **Evap Leak Test**

Tato funkce umožňuje nastavení podmínek potřebných k provedení testu těsnosti odpařovacího systému, ale ve skutečnosti test neprovádí. Výrobce vozidla je zodpovědný za stanovení kritérií pro automatické zastavení testu.

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



### 3.6 Informace o vozidle **Vehicle Information**

Zvolte [Vehicle Information] a stiskněte [OK], na obrazovce se zobrazí informace jako VIN (Vehicle identification Number), CID (Calibration ID) a CVN (Calibration verify number).

| Diagnostic Menu            |
|----------------------------|
| Read Codes                 |
| Erase Codes                |
| I/M Readiness              |
| Data Stream                |
| Evap System Test           |
| <b>Vehicle Information</b> |
|                            |
| 6/6                        |

| Vehicle Information                                      |
|----------------------------------------------------------|
| Vehicle Identification Number(VIN):<br>LVSFBFAC94F020950 |
| Cal bration Identifications(CID):<br>000007550753        |
| Cal bration Ver fication Numbers(CVN):<br>B5073064       |
| ↑ ↓ ← → OK ESC                                           |

## 4. Nastavení nástroje **Tool Setup**

### 4.1 Jazyk **Language**

Zvolte [Language] a zobrazí se následující:

| Tool Setup                       |
|----------------------------------|
| <b>Language</b>                  |
| Beeper                           |
| Instructions(Display at startup) |
| Unit of Measure                  |
| Skin Style                       |
| Device Information               |
|                                  |
| 1/6                              |

| Language       |
|----------------|
| <b>English</b> |
| Deutsch        |
| Français       |
| Español        |
| Italiano       |
| Русский        |
| Português      |
| 1/13           |

## 4.2 Pípní **Beeper**

Zvolte [Beeper] a zobrazí se následující:

| Tool Setup                       |
|----------------------------------|
| Language                         |
| <b>Beeper</b>                    |
| Instructions(D splay at startup) |
| Unit of Measure                  |
| Skin Style                       |
| Device Information               |
|                                  |

2/6

| Beeper |
|--------|
| OFF    |
| ON     |
|        |
|        |
|        |
|        |
|        |

1/2

## 4.3 Pokyny (zobrazí se při spuštění) **Instructions(Display at startup)**

Zvolte [Instructions(Display at startup)] Instrukce(Zobrazit při spuštění) a zobrazí se následující:

| Tool Setup                              |
|-----------------------------------------|
| Language                                |
| Beeper                                  |
| <b>Instruct ons(D splay at startup)</b> |
| Unit of Measure                         |
| Skin Style                              |
| Device Information                      |
|                                         |

3/6

| Instructions(Display at startup) |
|----------------------------------|
| OFF                              |
| ON                               |
|                                  |
|                                  |
|                                  |
|                                  |
|                                  |

1/2

## 4.4 Měrná jednotka **Unit of measure**

Zvolte [Unit of measure] a zobrazí se následující:

| Tool Setup                       |
|----------------------------------|
| Language                         |
| Beeper                           |
| Instructions(Display at startup) |
| <b>Unit of Measure</b>           |
| Skin Style                       |
| Device Information               |
|                                  |

4/6

| Unit of measure |
|-----------------|
| Mertic          |
| Imperial        |
|                 |
|                 |
|                 |
|                 |
|                 |

1/2

## 4.5 Styl vzhledu **Skin Style**

Zvolte [Skin style] a zobrazí se následující:

| Tool Setup                       |
|----------------------------------|
| Language                         |
| Beeper                           |
| Instructions(Display at startup) |
| Unit of Measure                  |
| <b>Skin Style</b>                |
| Device Information               |
|                                  |

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| Skin Style |
|------------|
| Sky Gray   |
| Gem Blue   |
|            |
|            |
|            |
|            |
|            |

1/2

## 4.6 Informace o zařízení **Device information**

Zvolte [Device Information] a zobrazí se následující:

| Tool Setup                       |
|----------------------------------|
| Language                         |
| Beeper                           |
| Instructions(Display at startup) |
| Unit of Measure                  |
| Skin Style                       |
| <b>Device Information</b>        |
|                                  |

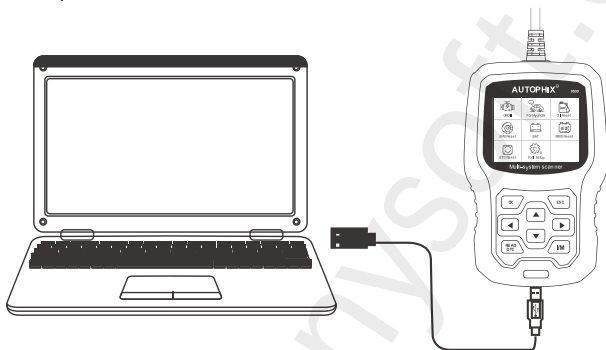
6/6

| Device Information |                        |
|--------------------|------------------------|
| Software Version:  | 01.62.000              |
| Hardware Version:  | 01.10.000              |
| Serial Number:     | Autophix20180300000001 |

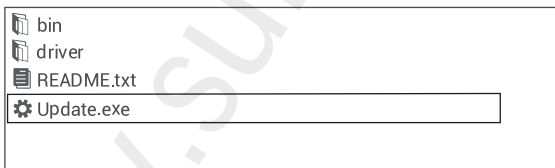
↑ ↓ ← → OK ESC

## 5 Zpětná vazba a aktualizace

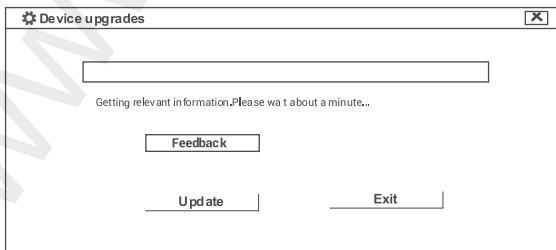
Pokud jste v procesu testování, něco je špatně s testováním, pošlete dokument se zpětnou vazbou. Stáhněte si prosím soubor s aktualizací do počítače z webových stránek společnosti AUTOPHIX. Zařízení je připojeno k počítači prostřednictvím kabelu USB.

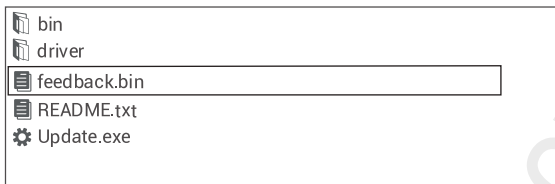


Zvolte soubor "Update" a zobrazí se následující:



Klikněte na "Feedback" a zobrazí se následující:





Zašlete prosím soubor feedback.bin na adresu support@autophix.com.

Pokud potřebujete provést upgrade, je třeba věnovat pozornost následujícím skutečnostem:

- 1) Při aktualizaci softwaru zařízení podporuje pouze systém Windows 7/8/10/11.
- 2) Lze jej aktualizovat přímo v okně Windows 8 a Windows 10/11 systém.
- 3) Pokud je počítač vybaven systémem Windows 7, je do něj nainstalován softwarový ovladač zařízení.

Poznámka:

Aktualizační software je podporován pouze systémy Windows 7/8/10/11, ale není podporován systémy Windows XP a MacOS. Pokud **nerozumíte** krokům aktualizace uvedeným v pokynech, kontaktujte nás.

## . Servisní postupy

V případě dotazů se obraťte na místní prodejnu, distributora nebo navštivte naše webové stránky [www.autophix.com](http://www.autophix.com).

Pokud je nutné vrátit skenovací nástroj k opravě, obraťte se na místního distributora, který vám poskytne další informace.

### **Dodavatel/Distributor**

Sunnysoft s.r.o.  
Kovanecká 2390/1a  
190 00 Praha 9  
Česká republika  
[www.sunnysoft.cz](http://www.sunnysoft.cz)

# AUTOPHIX<sup>®</sup>

## USER'S MANUAL

### 9500



## SAFETY PRECAUTIONS

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

Always perform automotive testing in a safe environment. Do not attempt to operate or observe the tool while driving a vehicle. Operating or observing the tool will cause driver distraction and could cause a fatal accident.

Wear safety eye protection that meets ANSI standards.

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

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

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

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

## ABOUT 9500

### 1. Coverage

1) 9500 works on most after 1996 OBDII compliant US, European and Asian vehicles

2) 1999-2021 Hyundai

Support most Hyundai vehicles with OBD16PIN interface 12V voltage.

Such as Accent(HC)、Accent(HC)-U.S.、Accent/Verna(HCI)、Accent(LC)、Accent(MC)、Accent(RB)、Accent/Solaris(RBr)、Accent/Solaris(HCR)、Atos Prime(MXL)、Atos(MX)、

Atos(MXI)-PDF、Creta(GS)、Creta(GSB)、Creta(GSR)、  
 Creta(SU2I)、Centennial(LZ)、Equus/Centennial(VI)、Elantra  
 Coupe(JK)、Elantra(AD)、Elantra(ADA)、Elantra(ADI)、  
 Elantra(CN7)、Elantra(HD)、Elantra(MD)、Elantra(MDI)、  
 Elantra(UD)、Elantra(XD)、Eon(HA)、G70(IK)、G70(IK)-U.S.、  
 G80(DH)、G80(DH)-U.S.、G80(RG3)、GV80(JX1)、G90(HI)、  
 G90(HI)-U.S.、Genesis Coupe(BK)、Genesis Coupe(BK  
 US)-U.S.、Genesis(BH)、Genesis(BH US)-U.S.、Genesis(DH)  
 、Getz(TB)、Grand i10 Nios/Aura(AI3)、Grand i10/Xcent(BA)  
 、Grand Santafe(NC)、Grandeur(XG)、Grandeur/Azera(HG)、  
 Grandeur/Azera(IG)、Grandeur/Azera(TG)、H-1 Truck(SR)、  
 H-1(A1)、H-1/iMAX/iLOAD(TQ)、H-100 TRUCK(HR)、  
 H350(EU)、HB20(HB)、HB20(BR2)、HD Coupe(GK)、i10(IA)、  
 i10(PA)、i10(AC3)、i20(GB)、i20(IB)、i20(PB)、i20(BC3)、  
 i30(FDe)、i30(GD)、i30(GDe)、i30(PD)、i30(PDE)、  
 i30N(PDEN)、i30/Elantra Neos(FD)、i40(VF)、IONIQ  
 Electric(AE EV)、IONIQ Hybrid(AE HEV)、IONIQ Phev(AE PHEV)  
 、ix20(JC)、ix35 FCEV(LM FCEV)、ix35(EL)、Kona(OS)、Kona  
 Electric(OS EV)、Kona Electric(OSe EV)、Kona Electric(OSi EV)  
 、Kona Hybrid(OS HEV)、Matrix(FC)、Nexo(FE)、  
 Palisade(LX2)、Reina(CB)、Santafe(TM)、Santafe(TMA)、  
 Santro(AH2)、Santafe Sport(DMA)、Santafe(CM)、  
 Santafe(DM)、Santafe(DMI)、Santafe(SM)、Sonata Hybrid(LF  
 HEV)、Sonata Hybrid(LF HEV)-U.S.、Sonata Hybrid(YF HEV)、  
 Sonata Hybrid(YF HEV)-U.S.、Sonata Hybrid(YF HEV US)-U.S.  
 、Sonata(DN8)、Sonata Hybrid(DN8 HEV)、Sonata(DN8A)-For  
 Mexico、Sonata(EF)、Sonata(LF)、Sonata(LFA)、Sonata(NF)  
 、Sonata(YFI)、Sonata(YFA)-U.S.、Sonata/i45(YF)、  
 Terracan(HP)、Trajet XG(FO)、Tucson FFV(JM FFV)、  
 Tucson(JM)、Tucson (LM)-BRAZIL、Tucson/ix35(LM)、  
 Tucson(TL)、Tucson(TLe)、Tucson(TLI)、Veloster(FS)、  
 Veracruz/ix55(EN)、Verna(RBI)、Veloster N(JSN)、  
 Veloster(JS)、Venue(QX)、Venue(QXI)、Accent(HC)、  
 Accent(RB)、Accent(MC)、Accent(LC)、Azera(HG)、Azera(TG)  
 、Elantra(AD)、Elantra(ADA)、Elantra GT(PD)、Elantra(MD)、

Elantra(UD)、Elantra(HD)、Elantra(XD)、Elantra Coupe(JK)、Elantra GT(GD)、Elantra Touring(FD)、Entourage(EP)、Equus(VI)、G80(DH)、G80(RG3)、GV80(JX1)、G90(HI)、G70(IK)、Genesis(BH)、Genesis(DH)、Genesis Coupe(BK)、IONIQ Electric(AE EV)、IONIQ Hybrid(AE HEV)、IONIQ Plug-in Hybrid(AE PHEV)、Kona(OS)、Kona Electric(OS EV)、Nexo(FE)、Palisade(LX2)、Santafe(TMA)、Santafe(NC)、Santafe(CM)、Santafe(SM)、Santafe Sport(DMA)、Sonata Hev(LF HEV)、Sonata Phev(LF PHEV)、Sonata(LFA)、Sonata(YFA)、Sonata(NF)、Sonata(EF)、Sonata Hybrid(YF HEV)、Sonata Hybrid(DN8 HEV)、Sonata(DN8A)、Tucson Fcev(LM FCEV)、Tucson(TL)、Tiburon(GK)、Tucson(LM)、Tucson(JM)、Veloster(FS)、Veloster N(JSN)、Veloster(JS)、Venue(QX)、Veracruz(EN)、XG(XG).

### 3) 2000-2021 KIA

Support most KIA vehicles with OBD16PIN interface 12V voltage.

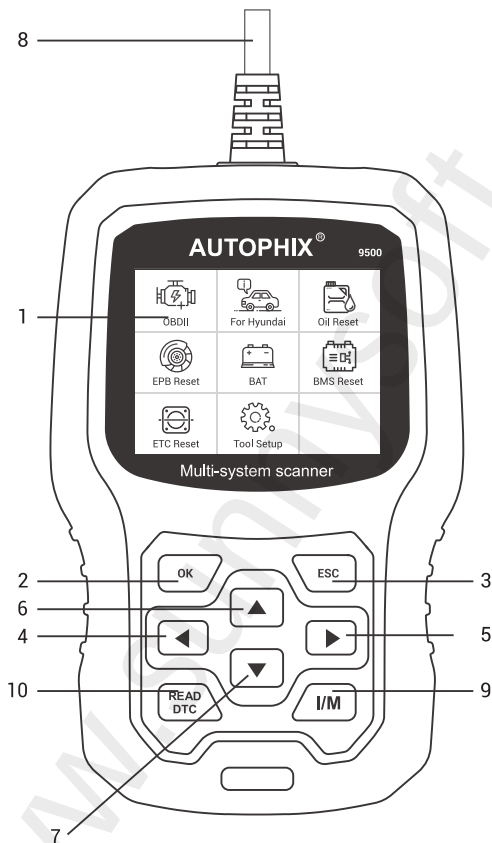
Such as Besta(TP)、Cadenza (VG)、Cadenza(YG)、Carens (FJ)、Carens(UN)、Carens/Rondo(RP)、Carnival/Sedona (GQ)、Carnival/Sedona(VQ)、Carnival/Sedona(YP)、Carnival (YP) - Israel、Carnival(YPi)、Cee'd(ED)、Cee'd(JD)、Cee'd (CD)、Ceed PHEV(CD PHEV)、Ceed(CD) - ProCeed (Shooting Brake)、Ceed(CD) - Sportswagon、Cerato/Forte(BD)、Cerato/Forte(BDm)、Cerato(LD)、Cerato/Forte(TD)、Cerato/Forte(YD)、Cerato/Forte(YDm)、K900(RJ)、K2500/K2700/K3000/K3000S(PU)、K5 HEV(DL3 HEV)、K5 (DL3)、Mohave/Borrego(HM)、Niro(DE HEV)、Niro(DE HEV)-For Mexico、Niro(DE EV)、Niro(DE PHEV)、Niro(DE PHEV)-For Mexico、Opirus(GH)、Optima HEV(JF HEV)、Optima PHEV(JF PHEV)、Optima (JF)、Optima(JFA) - For Central And South America、Optima(QF)-For Central and South America、Optima HEV(TF HEV)、Optima(TF)、Optima/Magentis(MG)、Optima/Magentis(MS)、Pegas/Soluto (AB)、Picanto(SA)、Picanto(TA)、Picanto/Morning(JA)、

Pregio(FP)、Quoris(KH)、RIO(BC)、RIO(JB)、RIO(QBR)、RIO(UB)、RIO(FB)、RIO(SC)、RIO(YB)、Seltos(SP2)、Seltos(SP2i)、Sephia(FB12)、Shuma/Spectra(SD)、Sorento(BL)、Sorento(UM)、Sorento(XM)、Sorento(UMA)-For Central And South America、Sorento(XMA)-For Central and South America、Soul EV(SK3 EV)、Soul EV(SK3 EV)-For Mexico、Soul(SK3)、Soul(SK3)-For Mexico、Soul(SK3A)、Soul EV(PS EV)、Soul(AM)、Soul(PS)、Soul(PS)-For Mexico、Sportage(KM)、Sportage(SL)、Sportage(SLE)、Sportage(QL)、Sportage(QL)-For Mexico、Sportage(QLE)、Sportage(QLE)-For Mexico、Stinger(CK)、Stonic(YB CUV)、Telluride(ON)、Telluride(ON)-For Mexico、Venga(YN)、XCeed PHEV(CD CUV PHEV)、XCeed(CD CUV)、Amanti(GH)、Borrego(HM)、Cadenza(VG)、Cadenza(YG)、Forte(BDm)、Forte(YD)、Forte(YDm)、Forte/Forte Koup(TD)、Forte(BD)、K5(DL3A)、K900(RJ)、K900(KH)、Niro(DE EV)、Niro(DE HEV)、Niro(DE PHEV)、Optima Hybrid (JF HEV)、Optima Hybrid(TF HEV)、Optima PHEV(JF PHEV)、Optima(JF)、Optima(JFA)、Optima(MG)、Optima(MS)、Optima(TF/QF)、RIO(BC)、RIO(JB)、RIO(SC)、RIO(UB)、Rondo(UN)、Sedona(GQ)、Sedona(VQ)、Sedona(YP)、Sephia(FB)、Sorento(BL)、Sorento(UMA)、Sorento(XM)、Seltos(SP2)、Soul EV (PS EV)、Soul EV(SK3 EV)、Soul(AM)、Soul(PS)、Soul(SK3)、Spectra(LD)、Spectra(SD)、Sportage(AL)、Sportage(KM)、Sportage(QL)、Sportage(SL)、Stinger(CK)、Telluride(ON)。

## 2. Product specification

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

### 3. Appearance and buttons description



1. LCD DISPLAY – Indicates test results. Backlit, 320 x 240 pixels display

2. [OK] BUTTON – Confirms a selection (or action) from a menu.

3. [ESC] – Cancels a selection (or action) from a menu or returns to the menu.

4. [LEFT] SCROLL BUTTON –in the menu mode through the menu and sub menu move to the left, when rolling in a data interface, use the left button can be moved to the last screen.
5. [RIGHT] SCROLL BUTTON –In the menu mode through the menu and sub menu item move to the right, when rolling in the data interface, use the right button can be moved to the next screen.
6. [UP] SCROLL BUTTON –in the menu mode through the menu and sub menu item moving up. When retrieving data for more than a screen by moving up the screen to the previous screen for more data.
7. [DOWN] SCROLL BUTTON –In the menu mode through the menu and sub menu item moves down. When retrieving data more than one screen, moving down the screen to the next screen for more data.
8. OBD-16PIN CONNECTOR – Connects the scan tool to the vehicle's Data Link Connector (DLC).
9. [I/M] BUTTON – Quick State Emissions readiness check and drive cycle verification.
10. [READ DTC] BUTTON – Quick read the vehicle's fault codes.

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

#### Remarks:

MIL Yellow- Dashboard MIL ON

MIL Gray-Dashboard MIL OFF

⊘-not support

✓-complete

✗-not complete

# OPERATION INSTRUCTIONS

## 1. Connect 9500

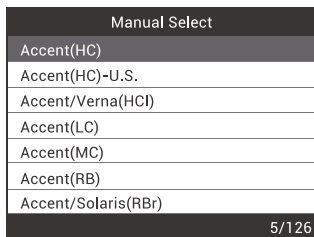
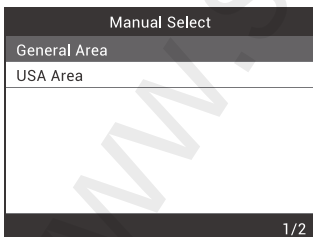
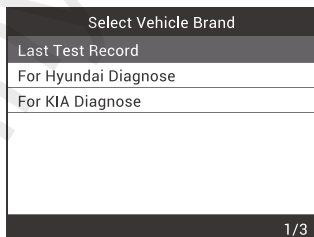
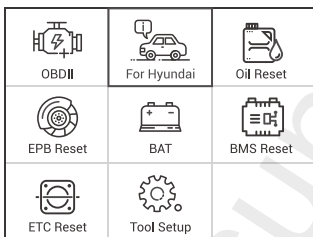
1.1 Turn the ignition on.

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

## 2. 9500 Features

### 2.1 For Hyundai KIA

This product mainly tests Hyundai and KIA. Choose [For Hyundai KIA] it will show as follows:



| Manual Select |  |
|---------------|--|
| 2011          |  |
| 2010          |  |
| 2009          |  |
| 2008          |  |
| 2007          |  |
| 2006          |  |
|               |  |
| 1/6           |  |

| Manual Select |  |
|---------------|--|
| G 1.6 DOHC    |  |
| G 1.4 DOHC    |  |
| D 1.5 TCI-U   |  |
|               |  |
|               |  |
| 1/3           |  |

| Manual Select    |  |
|------------------|--|
| Health Report    |  |
| Control Units    |  |
| Special Function |  |
|                  |  |
|                  |  |
| 1/3              |  |

2.1.1 Press [OK] to continue, press [Health Report], the pictures are as follows:

| Scanning ... [58%]           |   |
|------------------------------|---|
| ECM(Engine Control Module... | 1 |
| ECM(Engine Control Module... | 1 |
| ECM(Engine Control Module... | 1 |
| ECM(Engine Control Module... | 1 |
| Anti-Lock Brake(MGH-25)      |   |
|                              |   |
| 5/5                          |   |

| Select System                |    |
|------------------------------|----|
| Clear All DTC                |    |
| ECM(Engine Control Module... | 1  |
| ECM(Engine Control Module... | 1  |
| ECM(Engine Control Module... | 1  |
| ECM(Engine Control Module... | 1  |
| ECM(Engine Control Module... | 1  |
| IMM (Immobilizer)            | OK |
|                              |    |
| 1/6                          |    |

Press [Control Units], it will show as follows:

| Manual Select    |  |
|------------------|--|
| Health Report    |  |
| Control Units    |  |
| Special Function |  |
|                  |  |
|                  |  |
| 2/3              |  |

| Manual Select                     |  |
|-----------------------------------|--|
| ECM (Engine Control Module)       |  |
| TCM (Transmission Control Mo...   |  |
| ABS (Anti-lock Braking System)    |  |
| SRS (Supplemental Inflatable R... |  |
| AC (Air Conditioning)             |  |
| EPS (Electronic Power Steering)   |  |
| IMM (Immobilizer)                 |  |
| 1/8                               |  |

## Transmitter Code Saving

8/8

Manual Select

## Health Report

Control Units

## Special Function

3/3

## Special Functions

## Resetting Adaptive Values

### Resetting Auto T/A Values

## HCU Air Bleeding Mode

1/3

**Note:** The special functions supported by different models are different.

## 2.2 Special Functions

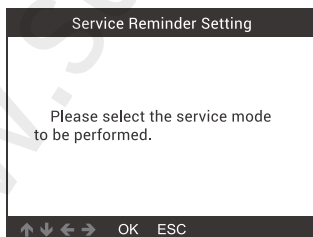
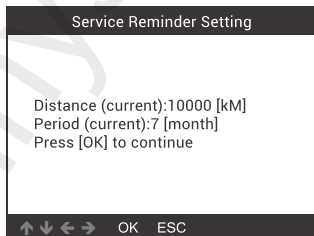
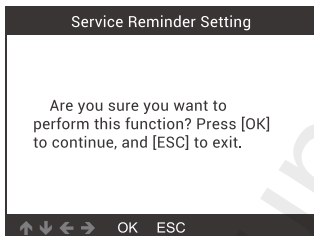
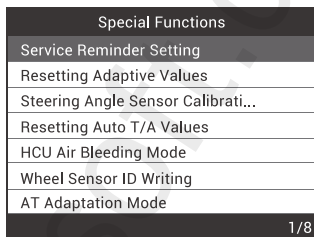
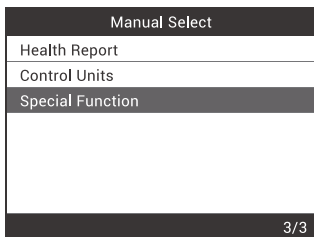
Commonly used special functions are as follows:

- ETC reset
- EPB Replace Brake Pad
- Gearbox adaptation
- SAS
- Oil reset
- TPMS reset
- IQA
- BMS reset
- EGR reset
- ABS

Below we select two of the special functions and explain them in detail.

## 2.2.1 Service Reminder Setting

Press [Special Functions] and go to [Service Reminder Setting]  
Follow the instructions on the interface to complete the Service Reminder Setting. The specific steps are as follows:



Press [OK] continue, [ESC] exit.

\*You can enter it manually or choose to reset it directly [Customize] to Customize mileage and periodicity [Reset] to Direct reset. Let's select [Customize] A-[10000km]、[30000km]、[60000km] is a shortcut input.

| Service Reminder Setting |  |
|--------------------------|--|
| Customize                |  |
| Reset                    |  |
|                          |  |
| 1/2                      |  |

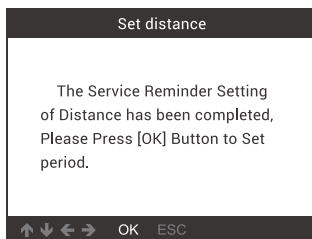
| Service Reminder Setting |  |
|--------------------------|--|
| Set distance             |  |
| Set period               |  |
|                          |  |
| 1/2                      |  |

| Set distance |  |
|--------------|--|
| 10000km      |  |
| 30000km      |  |
| 60000km      |  |
| Manual input |  |
|              |  |
| 1/4          |  |

B-[Manual input] is Custom inputs

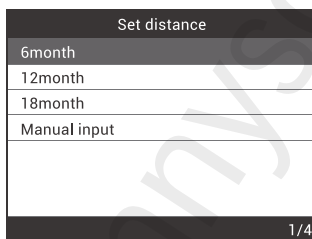
| Set distance |  |
|--------------|--|
| 10000km      |  |
| 30000km      |  |
| 60000km      |  |
| Manual input |  |
|              |  |
| 4/4          |  |

| Set distance                |                                      |
|-----------------------------|--------------------------------------|
| <input type="text"/>        |                                      |
| Enter distance 0-99999:     |                                      |
| 1 2 3 4 5 A B C D E F G H I | <input type="button" value="X"/>     |
| 6 7 8 9 0 J K L M N O P Q R | <input type="button" value="A"/>     |
| . + - * / S T U V W X Y Z   | <input type="button" value="Enter"/> |
| ←:Next Step I/M:Scroll Text |                                      |

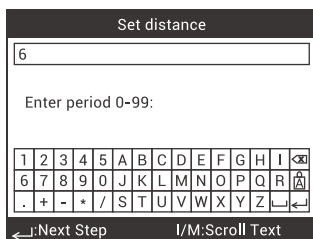
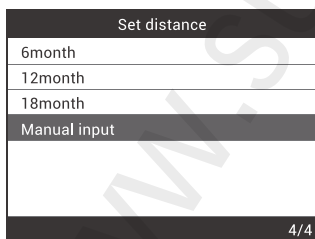


Press [OK] to set period.

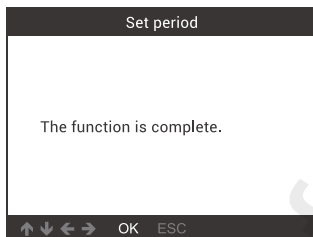
A-[6month]、 [12month]、 [18month] is a shortcut input



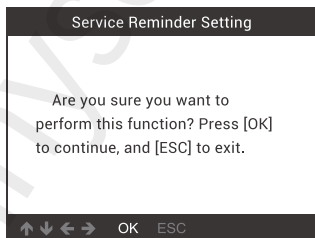
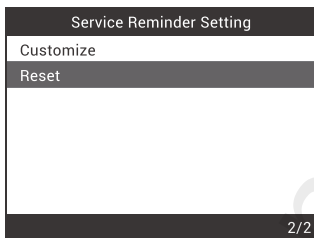
B-[Manual input] is Custom inputs



## Customize mileage and periodicity is complete



### [Reset] to Direct reset



Maintenance reset completed.

**Note: The above is the main content of Oil Service Light Reset; please operate according to the above steps.**

### 2.2.2 Resetting Adaptive Values

Press [Special Functions] and go to [Resetting Adaptive Values] Follow the instructions on the interface to complete the Resetting Adaptive Values. The specific steps are shown in the figure below:

| Special Functions                  |
|------------------------------------|
| Service Reminder Setting           |
| Resetting Adaptive Values          |
| Steering Angle Sensor Calibrati... |
| Resetting Auto T/A Values          |
| HCU Air Bleeding Mode              |
| Wheel Sensor ID Writing            |
| AT Adaptation Mode                 |
| 2/8                                |

| Resetting Adaptive Values                              |
|--------------------------------------------------------|
| [Conditions]<br>1. Ignition switch on<br>2. Engine off |
| ↑ ↓ ← → OK ESC                                         |

| Resetting Adaptive Values                              |
|--------------------------------------------------------|
| Are you sure?<br>[Conditions: ignition on, engine off] |
| ↑ ↓ ← → OK ESC                                         |

| Resetting Adaptive Values |
|---------------------------|
| The function is complete. |
| ↑ ↓ ← → OK ESC            |

**Note:** The special features of each model are different, please according to the actual operation.

### 3. OBDII System

#### 3.1 Read Codes

Stored codes are also known as "hard codes" or "permanent codes". These codes cause the control module to illuminate the malfunction indicator lamp (MIL) when an emission-related fault occurs.

Pending Codes are also referred to as "maturing codes" or "continuous monitor codes".

It indicates the problem that control module has detected during the current or last driving cycle, but they are not considered seriously.

Pending Codes will not turn on the malfunction indicator light, and codes will be cleared from memory if there is no failure during the following warm-up period

1) Use the UP/DOWN scroll button to select Read Codes from the Diagnostic Menu and press [OK].

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

If there are no Diagnostic Trouble Codes, the display indicates "No (pending) codes are stored in the module!" Wait a few seconds or press any key to return to the Diagnostic Menu.

2) View DTCs and their definitions on screen.

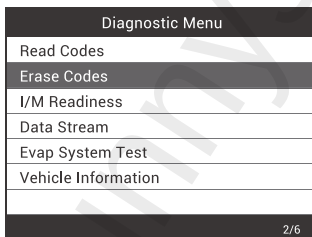
| DTC                                              |                |
|--------------------------------------------------|----------------|
| P0143<br>Generic                                 | 1/8<br>Current |
| O2 Sensor Circuit Low Voltage<br>Bank 1 Sensor 3 |                |
| ↑ ↓ ← → OK ESC    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

The control module number, sequence of the DTCs, total number of codes detected and type of codes (Generic of Manufacturer specific) will be observed on the upper right hand corner of the display.

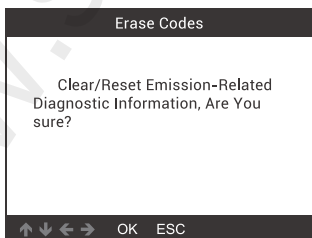
### 3.2 Erase Codes

**Notes:** This function is performed with key on engine off. Do not start the engine. Before performing this function, make sure to retrieve and record the trouble codes. After clearing, you should retrieve trouble codes once more or turn ignition on and retrieve codes again. If there is still some trouble codes for hard troubles, please find the reason caused the trouble code firstly, and then solve the problem. Now, the trouble codes can be erased.

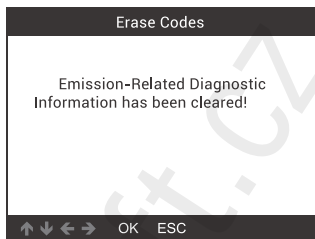
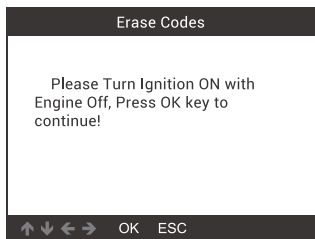
1) Use the UP/DOWN scroll buttons to select Erase Codes from the Diagnostic Menu and press [OK].



2) A warning message comes up asking for your confirmation.

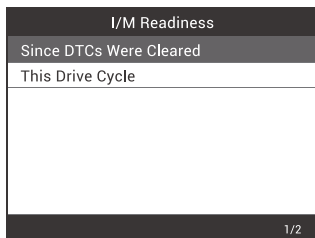
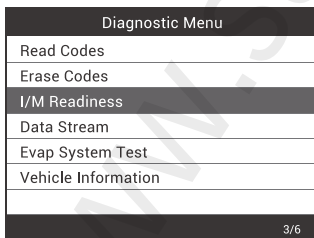


3) Press [OK] to confirm.



### 3.3 I/M Readiness

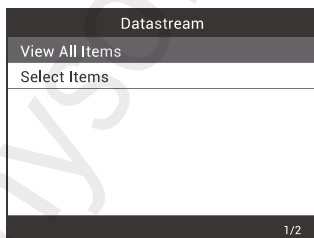
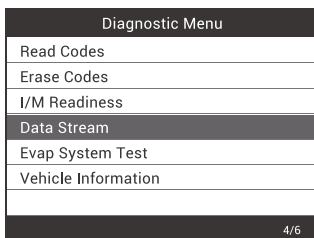
I/M refer to Inspection and Maintenance, which is legislated by the Government to meet federal clean-air standards. I/M Readiness indicate whether or not the various emissions-related systems on the vehicle are operating properly and are ready for Inspection and Maintenance testing. The I/M readiness Monitor Status function also can be used (after repair of a fault has been performed) to confirm that the repair has been performed correctly, and/ or to check for Monitor Run Status.



### 3.4 Data Stream

The OBDII Scan Tool is a special diagnostic tool that communicates with the vehicle's computer. The Scan Tool lets you view "real-time" Live Data. This information includes value (volts, rpm, temperature, speed etc.) and system status information (open loop, closed loop, fuel system status, etc.) generated by the various vehicle sensors, switches and actuators.

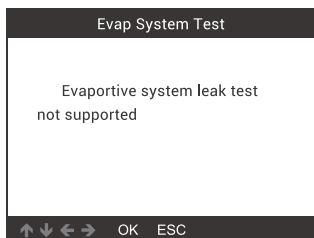
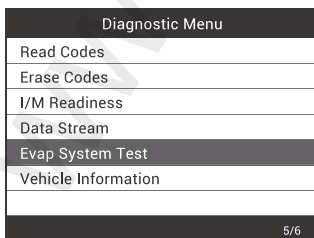
Press OK



### 3.5 Evap Leak Test

This function enables the conditions required to conduct an evaporative system leak test, but does not actually run the test. The vehicle manufacturer is responsible to determine the criteria to automatically stop the test.

Before performing this function, please check the vehicle's service repair manual to determine the necessary procedures.



## 3.6 Vehicle Information

Select [Vehicle Information] and press [OK], the screen will display the formation such as VIN (Vehicle identification Number), CID (Calibration ID) and CVN (Calibration verify number).

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

| Vehicle Information                                      |
|----------------------------------------------------------|
| Vehicle Identification Number(VIN):<br>LVSFBFAC94F020950 |
| Calibration Identifications(CID):<br>000007550753        |
| Calibration Verification Numbers(CVN):<br>B5073064       |
| ↑ ↓ ← → OK ESC                                           |

## 4. Tool Setup

### 4.1 Language

Choose [Language] and it displays as follows:

| Tool Setup                       |
|----------------------------------|
| Language                         |
| Beeper                           |
| Instructions(Display at startup) |
| Unit of Measure                  |
| Skin Style                       |
| Device Information               |
|                                  |
| 1/6                              |

| Language  |
|-----------|
| English   |
| Deutsch   |
| Français  |
| Español   |
| Italiano  |
| Русский   |
| Português |
| 1/13      |

## 4.2 Beeper

Choose [Beeper] and it displays as follows:

| Tool Setup                       |
|----------------------------------|
| Language                         |
| <b>Beeper</b>                    |
| Instructions(Display at startup) |
| Unit of Measure                  |
| Skin Style                       |
| Device Information               |
|                                  |
| 2/6                              |

| Beeper |
|--------|
| OFF    |
| ON     |
|        |
|        |
|        |
|        |
|        |
| 1/2    |

## 4.3 Instructions(Display at startup)

Choose [Instructions(Display at startup)] and it displays as follows:

| Tool Setup                              |
|-----------------------------------------|
| Language                                |
| Beeper                                  |
| <b>Instructions(Display at startup)</b> |
| Unit of Measure                         |
| Skin Style                              |
| Device Information                      |
|                                         |
| 3/6                                     |

| Instructions(Display at startup) |
|----------------------------------|
| OFF                              |
| ON                               |
|                                  |
|                                  |
|                                  |
|                                  |
|                                  |
| 1/2                              |

## 4.4 Unit of measure

Choose [Unit of measure] and it displays as follows:

| Tool Setup                       |
|----------------------------------|
| Language                         |
| Beeper                           |
| Instructions(Display at startup) |
| Unit of Measure                  |
| Skin Style                       |
| Device Information               |
|                                  |
| 4/6                              |

| Unit of measure |
|-----------------|
| Metric          |
| Imperial        |
|                 |
|                 |
|                 |
|                 |
|                 |
| 1/2             |

## 4.5 Skin Style

Choose [Skin Style] and it displays as follows:

| Tool Setup                       |
|----------------------------------|
| Language                         |
| Beeper                           |
| Instructions(Display at startup) |
| Unit of Measure                  |
| Skin Style                       |
| Device Information               |
|                                  |
| 5/6                              |

| Skin Style |
|------------|
| Sky Gray   |
| Gem Blue   |
|            |
|            |
|            |
|            |
|            |
| 1/2        |

## 4.6 Device information

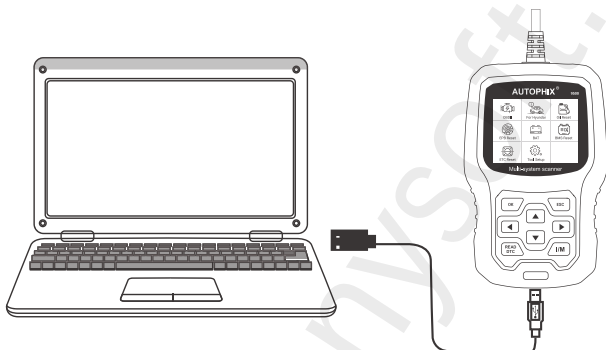
Choose [Device Information] and it displays as follows:

| Tool Setup                       |
|----------------------------------|
| Language                         |
| Beeper                           |
| Instructions(Display at startup) |
| Unit of Measure                  |
| Skin Style                       |
| Device Information               |
|                                  |
| 6/6                              |

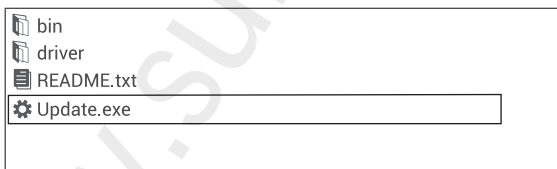
| Device Information     |
|------------------------|
| Software Version:      |
| 01.62.000              |
| Hardware Version:      |
| 01.10.000              |
| Serial Number:         |
| Autophix20180300000001 |
| ↑ ↓ ← → OK ESC         |

## 5 Feedback and Update

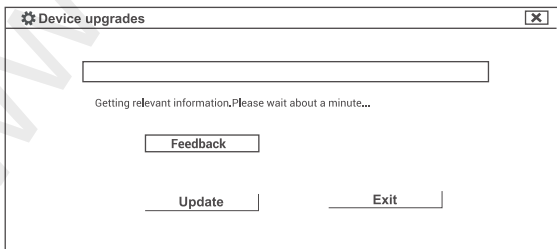
If you are in the process of testing, something is wrong with testing, you need to send a feedback document to us. Please download upgrade file on the computer from AUTOPHIX website. The device is connected with computer through USB cable.

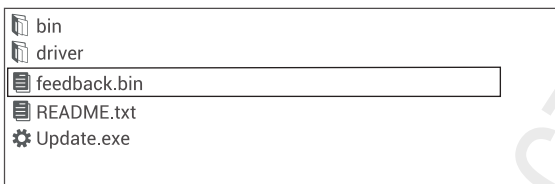


Choose "Update" file and it displays as follow:



Click "Feedback" and it displays as follow:





Please send the feedback.bin file to support@autophix.com.

If you need to upgrade, you need to pay attention to the following:

- 1) When upgrade the device software, it only supports window 7/8/10/11 system.
- 2) It can be updated directly on Window8 and window10/11 system.
- 3) When the computer is window7 system, the device's software driver is installed on the computer.

#### Note:

**The update software is only supported by windows 7/8/10/11, but not supported by windows XP and macOS. If you do not understand the upgrade steps in the instructions, please contact us.**

## 6. Warranty

Our company provides customers with warranty of 12 months from the date of purchase. Refer to our warranty and conditions policy.

<http://www.autophix.com/en/support/warranty.html>

## 7. Service Procedures

If you have any questions, please contact your local store, distributor or visit our website [www. autophix.com](http://www.autophix.com) .

If it becomes necessary to return the scan tool for repair, contact your local distributor for more information.

### **NOTICE:**

**The car brand logo and vehicle brand name stated above are not a product source indicator. It is to describe the compatibility of the product with one or more specific vehicles. This scanner is not affiliated with the brands mentioned. This scanner only works for the above brands. All rights reserved to their respective owners.**

## AUTOPHIX TECH CO.,LTD

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Address: Floor 4, Building 2, Jinxicheng Industry Park, Longhua District, Shenzhen China.

Phone: 0755-8528-1258

E-mail: [support@autophix.com](mailto:support@autophix.com)

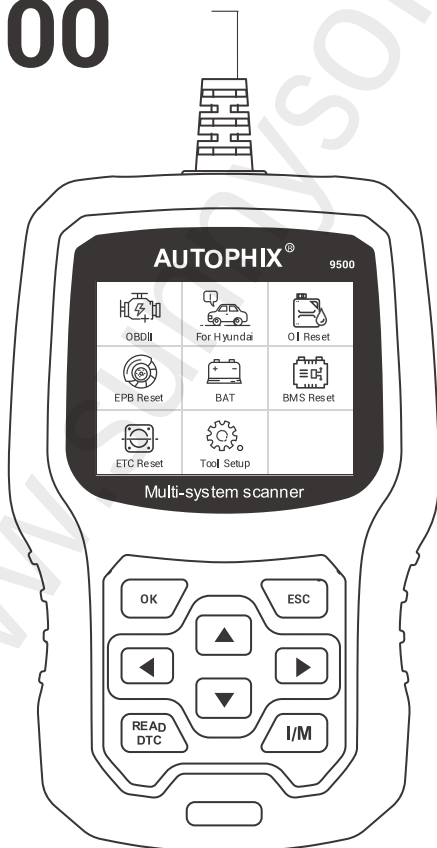
Website: [www.autophix.com](http://www.autophix.com)



MADE IN CHINA

# AUTOPHIX<sup>®</sup>

## HANDBUCH 9500



## SICHERHEITSHINWEIS

Um Verletzungen oder Schäden an Fahrzeugen und/oder dem Scantool zu vermeiden, lesen Sie bitte zuerst dieses Handbuch und beachten Sie mindestens die folgenden Sicherheitsvorkehrungen, wenn Sie an einem Fahrzeug arbeiten:

Testen Sie Fahrzeuge immer in einer sicheren Umgebung. Versuchen Sie nicht, das Gerät während der Fahrt zu bedienen oder zu beobachten. Die Bedienung oder Beobachtung des Geräts lenkt den Fahrer ab und kann einen tödlichen Unfall verursachen.

Tragen Sie einen Augenschutz, der den ANSI-Normen entspricht.

Betreiben Sie das Fahrzeug in einem gut belüfteten Arbeitsbereich:

Auspuffgase sind giftig.

Stellen Sie das Getriebe in PARK (bei einem Automatikgetriebe) oder NEUTRAL (bei einem Schaltgetriebe) und prüfen Sie, ob die Feststellbremse angezogen ist.

Halten Sie das Scantool trocken, sauber und frei von Öl/Wasser oder Fett.

Reinigen Sie bei Bedarf die Außenseite des Scantools mit einem milden Reinigungsmittel auf einem sauberen Tuch.

Tipps: Schließen Sie das Gerät an das Auto an, bevor Sie es starten.

## ÜBER DAS 9500

### 1. Erfassungsbereich

1) Das 9500 funktioniert bei den meisten amerikanischen, europäischen und asiatischen Fahrzeugen mit OBDII nach 996.

### 2) 1999-2021 Hyundai

Unterstützt die meisten Hyundai Fahrzeuge mit 12V OBD16PIN Schnittstelle.

Zum Beispiel: Accent(HC). Accent(HC)-U.S. Accent/Verna(HCI)  
 Accent(LC). Akzent(MC). Akzent(RB) Betonung/Solaris(RBr).  
 Accent/Solaris(HCR). Atos Prime(MXL). Atos(MX).

Atos(MXI)-PDF. Creta(GS). Creta(GSB). Creta(GSR). Creta(SU2I).  
 Centennial(LZ). Equus/Centennial(VI). Elantra Coupe(JK).  
 Elantra(AD). Elantra(ADA). Elantra(ADI).  
 Elantra(CN7); Elantra(HD); Elantra(MD); Elantra(MDI); Elantra(UD);  
 Elantra(XD); Eon(HA); G70(IK); G70(IK)-U.S.  
 G80(DH). G80(DH)-U.S. G80(RG3). GV80(JXI). G90(HI).  
 G90(HI)-U.S. Genesis Coupe(BK). Genesis Coupe(BK)  
 US)-U.S. Genesis(BH). Genesis(BH US)-U.S. Genesis(DH)  
 Getz(TB). Grand il 0 Nios/Aura(AI3). Grand il 0/Xcent(BA) Grand  
 Santafe(NC). Grandeur(XG). Grandeur/Azera(HG).  
 Grandeur/Azera(IG). Grandeur/Azera(TG). H-I Truck(SR). H-I  
 (AI). H-I/iMAX/iLOAD(TQ)- H-100 TRUCK(HR)- H350(EU).  
 HB20(HB). HB20(BR2). HD Coupé(GK). i10(IA). il 0(PA). i10(AC3).  
 i20(GB)- i20(IB)- i20(PB)- i20(BC3). i30(FDe). i30(GD).  
 i 3 0 (GDe). i30(PD). i30(PDE). i30N(PDEN). i30/Elantra  
 Neos(FD). i40(VF). IONIQ  
 Electric(AE EV). IONIQ Hybrid(AE HEV). IONIQ Phev(AE PHEV). ix20(JC).  
 ix35 FCEV(LM FCEV). ix35(EL). Kona(OS). Kona  
 Electric(OS EV). Kona Electric(OSe EV). Kona Electric(OSi EV). Kona  
 Hybrid(OS HEV). Matrix(FC). Nexø(FE).  
 Paisade(LX2). Reina(CB). Santafe(TM). Santafe(TMA).  
 Santro(AH2). Santafe Sport(DMA). Santafe(CM).  
 Santafe(DM). Santafe(DMI). Santafe(SM). Sonata Hybrid(LF HEV).  
 Sonata Hybrid(LF HEV)-U.S. Sonata Hybrid(YF HEV). Sonata  
 Hybrid(YF HEV)-U.S. Sonata Hybrid(YF HEV US)-U.S.  
 Sonata(DN8). Sonata Hybrid(DN8 HEV). Sonata(DN8A)-Für  
 Mexiko. Sonata(EF). Sonata(LF). Sonata(LFA). Sonata(NF)  
 Sonata(YFI). Sonata(YFA)-U.S. Sonata/i45(YF).  
 Terracan(HP). Trajet XG(FO). Tucson FFV(JM FFV).  
 Tucson(JM). Tucson(LM)-BRAZIL. Tucson/ix35(LM).  
 Tucson(TL). Tucson(TLe). Tucson(TLI). Veloster(FS).  
 Veracruz/ix55(EN). Verna(RBI). Veloster N(JSN).  
 Veloster(JS). Veranstaltungsort(QX). Schauplatz(QXI). Akzent(HC).  
 Akzent(RB). Akzent(MC). Accent(LC). Azera(HG). Azera(TG)  
 Elantra(AD). Elantra(ADA). Elantra GT(PD). Elantra(MD).

Elamra(UD) Elantra(HD). Elantra(XD) Elantra Coupe(JK).  
 Elantra GT(G D) Elantra Touring(FD) Entourage(EP)  
 Equus(VI). G80(DH) G80(RG3) GV80(JXI). G90(HI).  
 GT0(IK) Genesis(BH) Genesis(DH) Genesis Coupe(BK).  
 IONIQ Electric(AE EV) IONIQ Hybrid(AE HEV) IONIQ Plug-in Hybrid(AE  
 PHEV) Kona(OS) Kona Electric(OS EV). Nexo(FE)  
 Paisade(LX2). Santafe(TMA) Santafe(NC). Samafe(CM)  
 Santafe(SM). Santafe Sport(DMA) Sonata Hev(LF HEV)  
 Sonata Phev(LF PHEV) Sonata(LFA) Sonata(YFA) Sonata(NF)  
 Sonata(EF). Sonata Hybrid(YF HEV). Sonata  
 Hybrid(DN8 HEV). Sonata(DN8A) Tucson Fcev(LM FCEV).  
 Tucson(TL). Tiburon(GK). Tucson(LM). Tucson(JM).  
 Veloster(FS) Veloster N(JSN) Veloster(JS) Venue(QX)  
 Veracruz(EN) XG(XG).

### 3) 2000-2021 KIA

Unterstützt die meisten KIA Fahrzeuge mit OBDI 6PIN 12V  
 Schnittstelle. Zum Beispiel Besta(TP). Cadenza (VG). Cadenza(YG).  
 Carens(FJ) Carens(UN) Carens/Rondo(RP)  
 Karneval/Sedona(GQ). Karneval/Sedona(VQ).  
 Carnival/Sedona(YP) Carnival (YP) - Israel Karneval(YPi)  
 Cee'd(ED) Cee'd(JD). Cee'd(CD) Ceed  
 PHEV(CD PHEV). Ceed(CD) - ProCeed (Shooting Brake) Ceed(CD) -  
 Sportswagon. Cerato/Forte(BD).  
 Cerato/Forte(BDm) Cerato(LD) Cerato/Forte(TD),  
 Cerato/Forte(YD), Cerato/Forte(YDm), K900(RJ),  
 K2500/K2T00/K3000/K3000S(PU), K5 HEV(DL3 HEV), K5  
 (DL3) Mohave/Borrego(HM) Niro(DE HEV) Niro(DE HEV)-Für  
 Mexiko Niro(DE EV). Niro(DE PHEV) Niro(DE  
 PHEV)-Für Mexiko. Opirus(G H) Optima HEV(JF HEV) Optima  
 PHEV(JF PHEV). Optima(JF) - Optima(JFA) - Für Mittel- und  
 Südamerika. Optima(QF)-Für Mittel- und Südamerika Optima  
 HEV(TF HEV) Optima(TF)  
 Optima/Magentis(MG) Optima/Magentis(MS) Pegas/Sol uto (AB)  
 Picanto(SA) Picanto(TA) Picanto/Morgen(JA).

Pregio(FP). Quoris(KH). RIO(BC). RIO(JB). RIO(QBR).  
 RIO(UB)- RIO(FB). RIO(SC). RIO(YB). Seltos(SP2).  
 Seltos(SP2i). Sephia(FBI 2). Shuma/Spectra(SD). Sorento(BL).  
 Sorento(UM), Sorento(XM), Sorento(UMA)-für Mittel- und  
 Südamerika. Sorento(XMA)-für Mittel- und Südamerika.  
 Soul EV(SK3 EV). Soul EV(SK3 EV)-für Mexiko. Soul(SK3).  
 Soul(SK3)-für Mexiko. Soul(SK3A). Soul EV(PS EV).  
 Soul(AM). Soul(PS). Soul(PS)-für Mexiko. Sportage(KM).  
 Sportage(SL). Sportage(SLE). Sportage(QL)

Sportage(QL)-Für Mexiko. Sportage(QLE). Sportage(QLE)-Für  
 Mexiko. Stinger(CK). Stonic(YB CUV). Telluride(ON).  
 Telluride(ON)-Für Mexiko. Venga(YN). XCeed PHEV(CD CUV  
 PHEV). XCeed(CD CUV). Amanti(GH).

Borrego(HM). Cadenza(VG). Cadenza(YG). Forte(BDm).  
 Forte(YD). Forte(YDm). Forte/Forte Koup(TD). Forte(BD).  
 K5(DL3A). K900(RJ). K900(KH). Niro(DE EV). Niro(DE HEV)

Niro (DE PHEV). Optima Hybrid (JF HEV). Optima Hybrid(TF HEV). Optima  
 PHEV(JF PHEV). Optima(JF). Optima(JFA).

Optima(MG). Optima(MS). Optima(TF/QF). RIO(BC). RIO(JB).  
 RIO(SC). RIO(UB). Rondo(UN). Sedona(GQ).

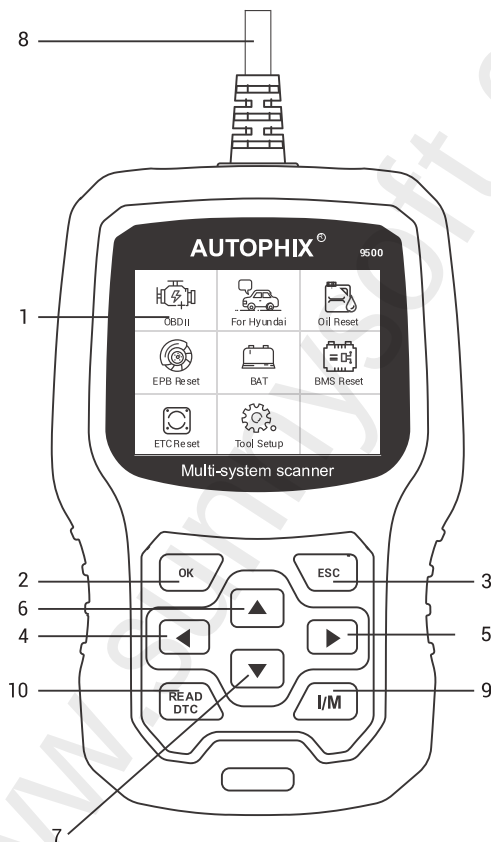
Sedona(VQ). Sedona(YP). Sephia(FB). Sorento(BL). Sorento(UMA).  
 Sorento(XM). Seltos(SP2). Soul EV (PS EV)

Soul EV(SK3 EV). Soul(AM). Soul(PS). Soul(SK3).  
 Spectra(LD). Spectra(SD). Sportage(AL). Sportage(KM). Sportage(QL).  
 Sportage(SL). Stinger(CK). Telluride(ON).

## 2. Produktspezifikationen

- 2,8" LCD-Display, 320 X 240 Pixel Farbdisplay
- Betriebsspannung: 8V~18V
- Betriebstemperatur: 0 - 60 °C (32 - 140 °F)
- Lagertemperatur: -20 - 70 °C (-4 - 158 °F)

### 3. Erscheinungsbild und Beschreibung der Schaltflächen



1. LCD-DISPLAY - zeigt die Testergebnisse an. Beleuchtetes Display mit 320 x 240 Pixel Auflösung.
2. TASTE [OK] - Bestätigt die Auswahl (oder Aktion) aus dem Menü.
3. [ESC] - Bricht die Auswahl (oder Aktion) im Menü ab oder kehrt zum Menü zurück.

4. **SCROLLTASTE [LINKS]**- Im Menümodus können Sie sich nach links durch die Menüs und Untermenüs bewegen, während Sie durch die Datenschnittstelle navigieren. Verwenden Sie die linke Taste, um zum letzten Bildschirm zu gelangen.
5. **SCROLLTASTE [RECHTS]** - im Menümodus bewegen Sie sich nach rechts durch die Menüpunkte und Untermenüs, beim Navigieren in der Datenschnittstelle können Sie mit der rechten Taste zum nächsten Bildschirm wechseln.
6. **SCROLL [UP]-Taste** - im Menümodus blättern Sie nach oben durch die Menüpunkte und Untermenüs. Beim Laden von Daten für mehr als einen Bildschirm wird der vorherige Bildschirm für zusätzliche Daten aufgerufen.
7. **ABWÄRTS-TASTE** - bewegt sich im Menümodus im Menü und in den Untermenüs nach unten. Wenn Sie Daten von mehr als einem Bildschirm laden, gehen Sie zum nächsten Bildschirm für zusätzliche Daten.
8. **OBD-16PIN-ANSCHLUSS** - Verbindet das Scan-Tool mit dem Data Link Connector (DLC) des Fahrzeugs.
9. **BUTTON [I/M]** - schnelle Überprüfung der Bereitschaft für Emissionen und Überprüfung des Fahrzyklus.
10. **Taste [READ DTC]** - Schnelles Auslesen der Fehlercodes des Fahrzeugs.

| 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 |

**Anmerkungen:**

MIL gelb - MIL ON MIL

grau - MIL OFF

Ø nicht unterstützt von

✓ Abgeschlossen

✗ Unvollendete

## GEBRAUCHSANWEISUNG

**1. Anschluss 9500**

1.1 Schalten Sie die Zündung ein.

1.2 Suchen Sie den 16-poligen Datenverbindungsstecker (DLC) im Fahrzeug.

**2 Eigenschaften 9500****2.1 Für Hyundai KIA**

Dieses Produkt testet hauptsächlich die Marken Hyundai und KIA. Wählen Sie [Für Hyundai KIA], um Folgendes zu sehen:

|                                                                                                |                                                                                                  |                                                                                                |
|------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|
| <br>OBDII     | <br>For Hyundai | <br>Oil Reset |
| <br>EPB Reset | <br>BAT         | <br>BMS Reset |
| <br>ETC Reset | <br>Tool Setup  |                                                                                                |

| Select Vehicle Brand |
|----------------------|
| Last Test Record     |
| For Hyundai Diagnose |
| For KIA Diagnose     |

|     |
|-----|
| 1/3 |
|-----|

| Manual Select |
|---------------|
| General Area  |
| USA Area      |
|               |
|               |
| 1/2           |

| Manual Select       |
|---------------------|
| Accent(HC)          |
| Accent(HC)-U.S.     |
| Accent/Verna(HCI)   |
| Accent(LC)          |
| Accent(MC)          |
| Accent(RB)          |
| Accent/Solaris(RBr) |
| 5/126               |

| Manual Select |  |
|---------------|--|
| 2011          |  |
| 2010          |  |
| 2009          |  |
| 2008          |  |
| 2007          |  |
| 2006          |  |
|               |  |
| 1/6           |  |

| Manual Select |  |
|---------------|--|
| G 1.6 DOHC    |  |
| G 1.4 DOHC    |  |
| D 1.5 TCI-U   |  |
|               |  |
| 1/3           |  |

| Manual Select    |  |
|------------------|--|
| Health Report    |  |
| Control Units    |  |
| Special Function |  |
|                  |  |
| 1/3              |  |

2.1.1 Drücken Sie die Taste [OK], um fortzufahren, drücken Sie die Taste [Health Reportt], die Bilder sind wie folgt:

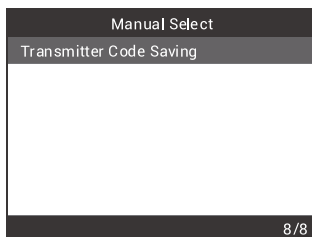
| Scanning ... [58%]           |   |
|------------------------------|---|
| ECM(Engine Control Module... | 1 |
| ECM(Engine Control Module... | 1 |
| ECM(Engine Control Module... | 1 |
| ECM(Engine Control Module... | 1 |
| Anti-Lock Brake(MGH-25)      |   |
|                              |   |
| 5/5                          |   |

| Select System                |    |
|------------------------------|----|
| Clear All DTC                |    |
| ECM(Engine Control Module... | 1  |
| ECM(Engine Control Module... | 1  |
| ECM(Engine Control Module... | 1  |
| ECM(Engine Control Module... | 1  |
| IMM (Immobilizer)            | OK |
|                              |    |
| 1/6                          |    |

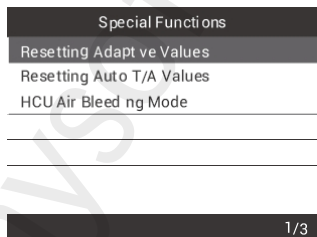
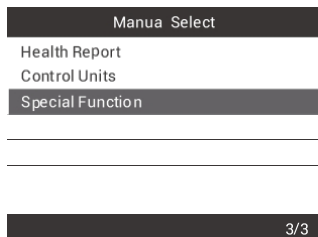
Drücken Sie [Control Units], es wird folgendes angezeigt:

| Manual Select    |  |
|------------------|--|
| Health Report    |  |
| Control Units    |  |
| Special Function |  |
|                  |  |
| 2/3              |  |

| Manual Select                     |  |
|-----------------------------------|--|
| ECM (Engine Control Module)       |  |
| TCM (Transmission Control Mo...   |  |
| ABS (Anti-lock Braking System)    |  |
| SRS (Supplemental Inflatable R... |  |
| AC (Air Cond t oning)             |  |
| EPS (Electronic Power Steering)   |  |
| IMM (Immobilizer)                 |  |
| 1/8                               |  |



Drücken Sie die Taste [Special Functions], um Folgendes anzuzeigen:



Hinweis: Die von den verschiedenen Modellen unterstützten Sonderfunktionen variieren.

## 2.2 Besondere Funktionen **Special Functions**

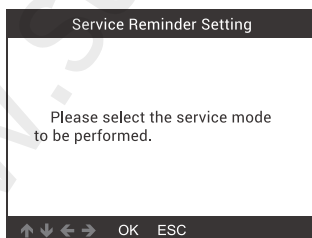
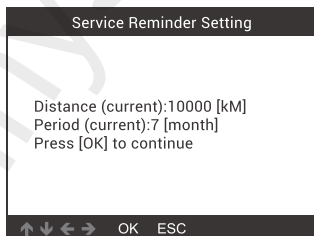
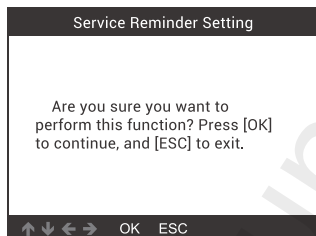
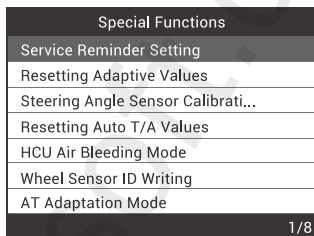
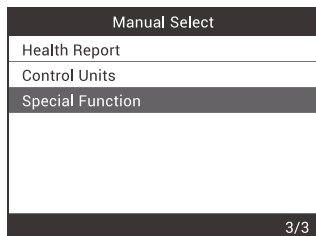
Häufig verwendete Sonderfunktionen sind die folgenden:

- ETC reset  
Rückstellung ETC
- EPB Replace Brake Pad  
Auswechseln der Bremse  
des EPB-Belagsystems
- Gearbox adaptation  
° Änderung des Getriebes
- SAS
- Oil reset  
° Rückstellung Öl
- TPMS reset  
° Zurücksetzen  
TPMS
- IQA
- BMS reset  
° System  
zurücksetzen  
BMS
- EGR reset  
• Zurücksetzen  
des EGR
- ABS

Im Folgenden wählen wir zwei der Besonderheiten aus und erläutern sie im Detail.

## 2.2.1 Einstellung der Serviceerinnerung Service Reminder Setting

Drücken Sie die Taste [Special Functions] und blättern Sie zu [Service Reminder Settings]. Befolgen Sie die Anweisungen auf der Benutzeroberfläche, um die Einstellungen für die Serviceerinnerung vorzunehmen. Die einzelnen Schritte sind wie folgt:



Drücken Sie [OK], um fortzufahren, oder [ESC], um den Vorgang zu beenden. \*Sie können den Wert manuell eingeben oder ihn direkt zurücksetzen. Wählen Sie [Customize], um Kilometerstand und Intervall anzupassen, oder [Reset], um den Wert direkt zurückzusetzen. Wählen Sie [Customize]. A-[10000 km], [30000 km] und [60000 km] sind Schnellzugriffstasten.

| Service Reminder Setting |  |
|--------------------------|--|
| Customize                |  |
| Reset                    |  |
|                          |  |
| 1/2                      |  |

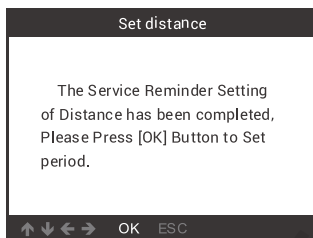
| Service Reminder Setting |  |
|--------------------------|--|
| Set distance             |  |
| Set period               |  |
|                          |  |
| 1/2                      |  |

| Set distance |  |
|--------------|--|
| 10000kM      |  |
| 30000kM      |  |
| 60000kM      |  |
| Manual input |  |
|              |  |
| 1/4          |  |

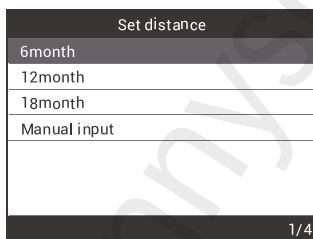
B-[MANual Input] ist für benutzerdefinierte Eingaben

| Set distance |  |
|--------------|--|
| 10000kM      |  |
| 30000kM      |  |
| 60000kM      |  |
| Manual input |  |
|              |  |
| 4/4          |  |

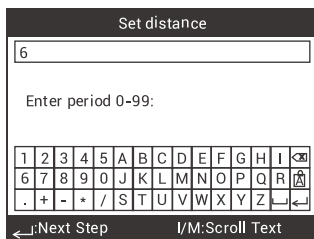
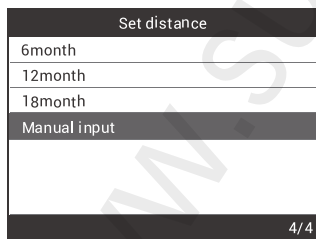
| Set distance                 |                                  |
|------------------------------|----------------------------------|
| <input type="text"/>         |                                  |
| Enter distance 0-99999:      |                                  |
| 1 2 3 4 5 A B C D E F G H I  | <input type="button" value="↩"/> |
| 6 7 8 9 0 J K L M N O P Q R  | <input type="button" value="⏏"/> |
| . + - * / S T U V W X Y Z    | <input type="button" value="↩"/> |
| ← Next Step I/M: Scroll Text |                                  |



Drücken Sie die Taste [OK], um den Zeitraum einzustellen.  
 A- [6 Monate], [12 Monate], [18 Monate] ist ein abgekürzter Eintrag



B-[Manual Input] ist für benutzerdefinierte Eingaben



Die Anpassung von Kilometerstand und Periodizität ist vollständig.

Set period

The function is complete

↑ ↓ ← → OK ESC

[Reset] für direktes Zurücksetzen

Service Reminder Setting

Customize

Reset

Service Reminder Setting

Are you sure you want to  
perform this funct on? Press [OK]  
to continue, and [ESC] to exit.

2/2

↑ ↓ ← → OK ESC

Wiederaufnahme der Wartungsarbeiten abgeschlossen.

Hinweis: Der obige **Text ist der Hauptinhalt des Artikels Reset Ölserviceleuchte;**  
folgen Sie den obigen Anweisungen.

## 2.2.2 Wiederherstellung anpassungsfähiger W e r t e Resetting Adaptive Values

Drücken Sie die Taste [Special Functions] und blättern Sie zu [Resetting Adaptive Values] Folgen Sie den Anweisungen auf der Benutzeroberfläche, um das Zurücksetzen der adaptiven Werte abzuschließen. Die einzelnen Schritte sind in der folgenden Abbildung dargestellt:

## Special Functions

Service Reminder Setting

Resetting Adaptive Values

Steering Angle Sensor Calibrati ..

Resetting Auto T/A Values

HCU Air Bleeding Mode

Wheel Sensor ID Writing

AT Adaptat on Mode

2/8

## Resetting Adaptive Values

[Conditions]

- 1 Ignition switch on
- 2 Engine off

 OK ESC

## Resetting Adaptive Values

Are you sure?

[Conditions: ignition on, engine  
off]

## Resetting Adaptive Values

The function is complete.

 OK ESC

 OK ESC

Hinweis: Die Sonderfunktionen der einzelnen **Modelle variieren je nach dem tatsächlichen Betrieb.**

### 3 OBDII-System

#### 3.1 Lesen Sie die Codes

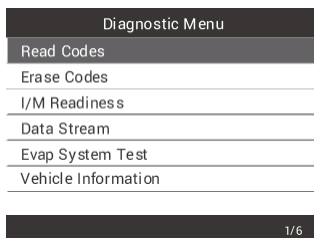
Gespeicherte Codes sind auch als "harte Codes" oder "permanente Codes" bekannt. Diese Codes bewirken, dass die Fehlfunktionsanzeige (MIL) im Steuermodul aufleuchtet, wenn ein emissionsbezogener Fehler auftritt.

Schwebende Codes werden auch als "Reifungscodes" oder "kontinuierliche Überwachungs\_codes" bezeichnet.

Zeigt ein Problem an, das das Steuermodul während des aktuellen oder letzten Fahrzyklus erkannt hat, das aber nicht als schwerwiegend angesehen wird.

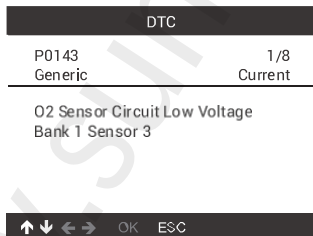
Wenn während des nächsten Aufwärmzyklus kein Fehler auftritt, leuchtet die Fehlerleuchte nicht auf und die Codes werden aus dem Speicher gelöscht.

1) Wählen Sie mit der Scrolltaste NACH OBEN/UNTEN die Option Codelesen aus dem Diagnosemenü und drücken Sie die Taste [OK].



Wenn keine Fehlercodes vorhanden sind, erscheint die Meldung "No (pending) codes stored in the module!" auf dem Display. ("Es sind keine (anstehenden) Codes im Modul gespeichert!") Warten Sie ein paar Sekunden oder drücken Sie eine beliebige Taste, um zum Diagnosemenü zurückzukehren.

2) Anzeige der DTCs und ihrer Definitionen auf dem Bildschirm.

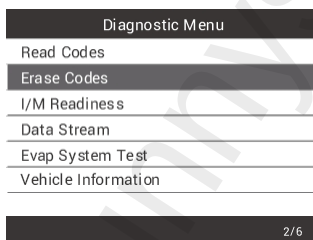


In der oberen rechten Ecke des Displays werden die Nummer des Steuermoduls, die DTC-Sequenz, die Gesamtzahl der erkannten Codes und der Codetyp (allgemein oder herstellerspezifisch) angezeigt.

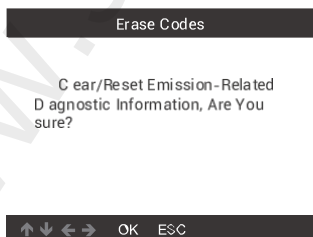
### 3.2 Löschen von Codes **Erase Codes**

Hinweise: Diese Funktion wird bei ausgeschaltetem Motor ausgeführt. Starten Sie den Motor nicht. Stellen Sie sicher, dass Sie die Fehlercodes gelesen und aufgezeichnet haben, bevor Sie diese Funktion ausführen. Nach dem Löschen müssen Sie die Fehlercodes neu laden oder die Zündung einschalten und die Codes neu laden. Wenn immer noch Fehlercodes für schwerwiegende Störungen vorhanden sind, ermitteln Sie zunächst die Ursache, die den Fehlercode verursacht hat, und beheben Sie dann das Problem. Die Fehlercodes können nun gelöscht werden.

1) Wählen Sie mit den Navigationstasten AUF/AB die Option Codes löschen aus dem Diagnosemenü und drücken Sie die Taste [OK].



2) Es erscheint eine Warnmeldung mit der Bitte um Bestätigung.



### 3) Drücken Sie zur Bestätigung die Taste [OK].

#### Erase Codes

Please Turn Ignition ON with Engine Off, Press OK key to continue!

↑ ↓ ← → OK ESC

#### Erase Codes

Emission-Related Diagnostic Information has been cleared!

↑ ↓ ← → OK ESC

### 3.3 Bereitschaft für I / M I/M Readiness

I/M bezieht sich auf die Kontrolle und Wartung, die von der Regierung vorgeschrieben ist, um die staatlichen Standards für saubere Luft zu erfüllen.

I/M Readiness zeigt an, ob es verschiedene die emissionsrelevanten Systeme des Fahrzeugs ordnungsgemäß funktionieren und für die Inspektion und Wartung bereit sind. Die Funktion I/M Readiness Monitor kann auch verwendet werden (nachdem ein Fehler behoben wurde), um zu bestätigen, dass die Reparatur korrekt durchgeführt wurde und/oder um den Betriebsstatus des Monitors zu überprüfen.

#### Diagnostic Menu

Read Codes  
Erase Codes  
**I/M Readiness**  
Data Stream  
Evap System Test  
Vehicle Information

3/6

#### I/M Readiness

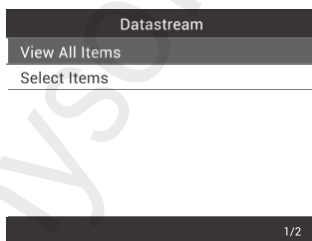
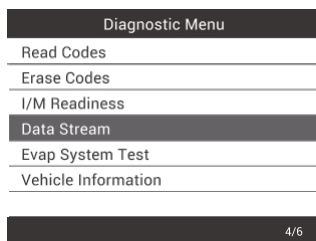
Since DTCs Were Cleared  
This Drive Cycle

1/2

### 3.4 D a t e n f l u s s    **Data Stream**

Das OBDII-Scan-Tool ist ein spezielles Diagnosewerkzeug, das mit dem Computer des Fahrzeugs kommuniziert. Mit dem Scan-Tool können Sie "Live"-Daten in Echtzeit anzeigen. Diese Informationen umfassen Messwerte (Spannung, Drehzahl, Temperatur, Geschwindigkeit usw.) und Systemstatusinformationen (offener Kreislauf, geschlossener Kreislauf, Kraftstoffsystemstatus usw.), die von verschiedenen Sensoren, Schaltern und Aktuatoren am Fahrzeug erzeugt werden.

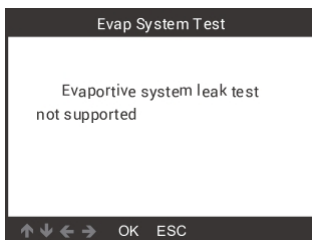
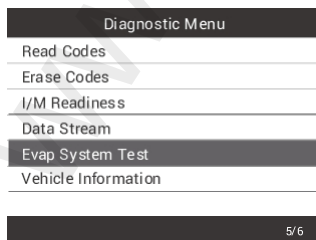
Drücken Sie die Taste OK



### 3.5 Dichtheitsprüfung d e s    V e r d a m p f e r s    **Evap Leak Test**

Mit dieser Funktion können Sie die Bedingungen für die Durchführung einer Verdampferdichtheitsprüfung festlegen, die Prüfung selbst wird jedoch nicht durchgeführt. Es liegt in der Verantwortung des Fahrzeugherstellers, die Kriterien für den automatischen Abbruch der Prüfung festzulegen.

Bevor Sie diese Funktion ausführen, lesen Sie im Wartungshandbuch des Fahrzeugs nach, wie Sie vorgehen müssen.



### 3.6 Fahrzeuginformationen **Vehicle Information**

Wählen Sie [Fahrzeuginformationen] und drücken Sie [OK]. Auf dem Bildschirm werden Informationen wie VIN (Fahrzeugidentifikationsnummer), CID (Kalibrierungsnummer) und CVN (Kalibrierungsprüfnummer) angezeigt.

| Diagnostic Menu            |
|----------------------------|
| Read Codes                 |
| Erase Codes                |
| I/M Readiness              |
| Data Stream                |
| Evap System Test           |
| <b>Vehicle Information</b> |
|                            |
|                            |
| 6/6                        |

| Vehicle Information                                      |
|----------------------------------------------------------|
| Vehicle Identification Number(VIN):<br>LVSFBFAC94F020950 |
| Calibration Identifications(CID):<br>000007550753        |
| Calibration Verification Numbers(CVN):<br>B5073064       |
| ↑ ↓ ← → OK ESC                                           |

## 4. Werkzeug-Setup **Tool Setup**

### 4.1 Sprache **Language**

Wählen Sie [Language] um Folgendes anzuzeigen:

| Tool Setup                       |
|----------------------------------|
| <b>Language</b>                  |
| Beeper                           |
| Instructions(Display at startup) |
| Unit of Measure                  |
| Skin Style                       |
| Device Information               |
|                                  |
| 1/6                              |

| Language       |
|----------------|
| <b>English</b> |
| Deutsch        |
| Français       |
| Español        |
| Italiano       |
| Русский        |
| Português      |
| 1/13           |

## 4.2 Piepen **Beeper**

Wählen Sie [Beeper] und es wird folgendes angezeigt:

| Tool Setup                       |
|----------------------------------|
| Language                         |
| <b>Beeper</b>                    |
| Instructions(Display at startup) |
| Unit of Measure                  |
| Skin Style                       |
| Device Information               |
|                                  |
| 2/6                              |

| Beeper |
|--------|
| OFF    |
| ON     |
|        |
|        |
|        |
|        |
|        |
| 1/2    |

## 4.3 Anweisungen **Instructions(Display at startup)**

Wählen Sie [Instructions(Display at startup)] Anleitungen (beim Start anzeigen) und es wird Folgendes angezeigt:

| Tool Setup                              |
|-----------------------------------------|
| Language                                |
| Beeper                                  |
| <b>Instructions(Display at startup)</b> |
| Unit of Measure                         |
| Skin Style                              |
| Device Information                      |
|                                         |
| 3/6                                     |

| Instructions(Display at startup) |
|----------------------------------|
| OFF                              |
| ON                               |
|                                  |
|                                  |
|                                  |
|                                  |
|                                  |
| 1/2                              |

## 4.4 Maßeinheit **Unit of measure**

Wählen Sie [Unit of measure] und es wird folgendes angezeigt:

| Tool Setup                       |
|----------------------------------|
| Language                         |
| Beeper                           |
| Instructions(Display at startup) |
| <b>Unit of Measure</b>           |
| Skin Style                       |
| Device Information               |
|                                  |

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| Unit of measure |
|-----------------|
| Metric          |
| <b>Imperial</b> |
|                 |
|                 |
|                 |
|                 |
|                 |

1/2

## 4.5 Erscheinungsbild **Skin Style**

Wählen Sie [Skin style] und es wird Folgendes angezeigt:

| Tool Setup                       |
|----------------------------------|
| Language                         |
| Beeper                           |
| Instructions(Display at startup) |
| Unit of Measure                  |
| <b>Skin Style</b>                |
| Device Information               |
|                                  |

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| Skin Style      |
|-----------------|
| Sky Gray        |
| <b>Gem Blue</b> |
|                 |
|                 |
|                 |
|                 |
|                 |

1/2

## 4.6 Geräteinformationen **Device information**

Wählen Sie [Device Information] und es wird Folgendes angezeigt:

| Tool Setup                       |
|----------------------------------|
| Language                         |
| Beeper                           |
| Instructions(Display at startup) |
| Unit of Measure                  |
| Skin Style                       |
| <b>Device Information</b>        |
|                                  |

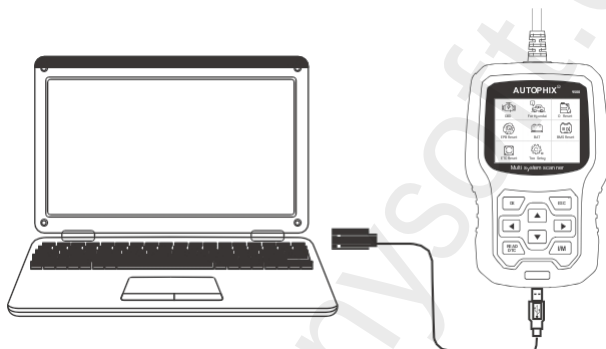
6/6

| Device Information |                        |
|--------------------|------------------------|
| Software Version:  | 01.62.000              |
| Hardware Version:  | 01.10.000              |
| Serial Number:     | Autophix20180300000001 |

↑ ↓ ← → OK ESC

## 5 Rückmeldungen und Aktualisierungen

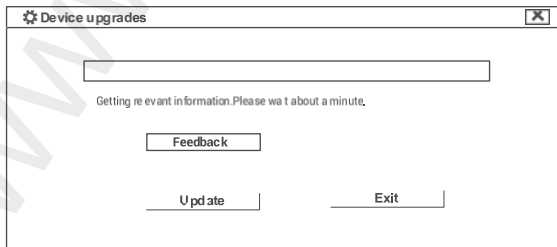
Wenn Sie in den Prozess der Prüfung sind, ist etwas falsch mit der Prüfung, senden Sie ein Dokument mit Feedback. Bitte laden Sie die Update-Datei auf Ihren Computer von der AUTOPHIX-Website herunter. Das Gerät ist über ein USB-Kabel mit dem Computer verbunden.

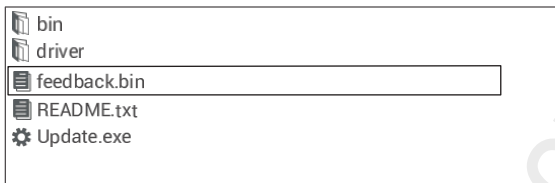


Wählen Sie die Datei "Update" aus und es wird folgendes angezeigt:



Klicken Sie auf "Feedback" und es erscheint folgendes Fenster:





Bitte senden Sie die Datei feedback.bin an [support@autophix.com](mailto:support@autophix.com).

Wenn Sie ein Upgrade benötigen, müssen Sie Folgendes beachten:

1) Beim Aktualisieren der Software unterstützt das Gerät nur Windows 7/8/10/11.

2) Es kann direkt in Windows 8 und Windows 10/11 aktualisiert werden.  
System.

3) Wenn auf Ihrem Computer Windows 7 läuft, ist es einen Software-Gerätetreiber installiert hat.

Bemerkung:

Die Update-Software wird nur von Windows 7/8/10/11 unterstützt, aber nicht von Windows XP und macOS. Wenn **Sie die** Aktualisierungsschritte in der Anleitung **nicht verstehen**, kontaktieren Sie uns bitte.

### . Serviceverfahren

Wenn Sie Fragen haben, wenden Sie sich bitte an Ihr lokales Geschäft, Ihren Händler oder besuchen Sie unsere Website [www.autophix.com](http://www.autophix.com).  
Wenn Sie das Scan-Tool zur Reparatur einschicken müssen, wenden Sie sich bitte an

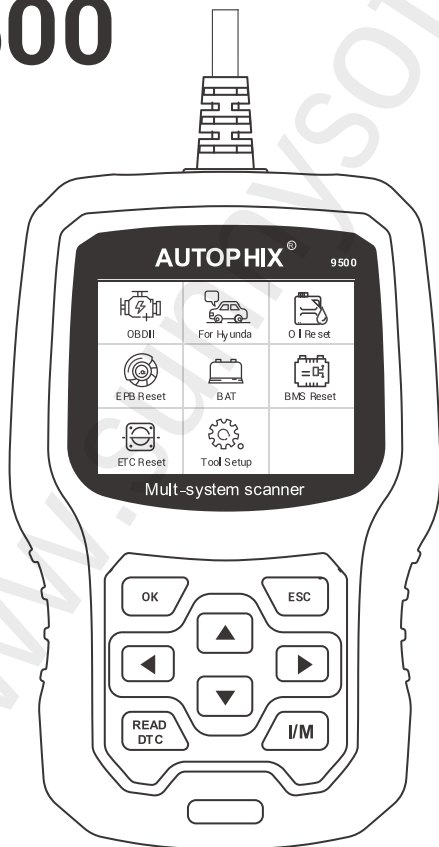
Weitere Informationen erhalten Sie bei Ihrem örtlichen Händler.

### Lieferant/Vertriebspartner

Sunnysoft s.r.o.  
Kovanecká 2390/1a  
190 00 Prag 9  
Tschechische  
Republik  
[www.sunnysoft.cz](http://www.sunnysoft.cz)

# AUTOPHIX<sup>®</sup>

## HASZNÁLATI UTASÍTÁS 9500



## BIZTONSÁGI FIGYELMEZTETÉS

A személyi sérülések vagy a járművekben és/vagy a szkennerszámban bekövetkező károk megelőzése érdekében először olvassa el ezt a kézikönyvet, és a járművön végzett munka során legalább az alábbi biztonsági óvintézkedéseket tartsa be:

Az autót mindig biztonságos környezetben tesztelje. Ne próbálja meg vezetés közben működtetni vagy megfigyelni a műszert. A műszer működtetése vagy megfigyelése elvonja a járművezető figyelmét, és halálos balesetet okozhat.

Az ANSI-szabványoknak megfelelő szemvédőt viseljen. A járművet jól szellőző munkaterületen üzemeltesse: a kipufogógázok mérgezőek. Állítsa a sebességváltót PARK (automata sebességváltó esetén) vagy NEUTRAL (kézi sebességváltó esetén) állásba, és ellenőrizze, hogy a rögzítőfék be van-e húzva.

Tartsa a szkennerszámot szárazon, tisztán, olajtól/víztől és zsírtól mentesen. Szükség esetén tisztítsa meg a szkennereszköz külső felületét enyhe tisztítószerrel, tiszta ruhán.

Tipppek: a termék használatakor indítás előtt csatlakoztassa az autóhoz.

## A 9500-RÓL

### 1. Lefedettség

1) A 9500 a legtöbb amerikai, európai és ázsiai, 996 utáni OBDII-vel rendelkező járművön működik.

### 2) 1999-2021 Hyundai

Támogatja a legtöbb Hyundai járművet 12V-os OBD16PIN interfésszel. Például Accent(HC). Accent(HC)-U.S. Accent/Verna(HCI) Accent(LC). Accent(MC). Accent(RB) Accent/Solaris(RBr). Accent/Solaris(HCR). Atos Prime(MXL). Atos(MX).

Atos(MXI)-PDF. Creta(GS). Creta(GSB). Creta(GSR). Creta(SU2I).  
 Centennial(LZ). Equus/Centennial(VI). Elantra Coupe(JK).  
 Elantra(AD). Elantra(ADA). Elantra(ADI). Elantra(ADI).  
 Elantra(CN7). Elantra(HD). Elantra(MD). Elantra(MDI). Elantra(UD).  
 Elantra(XD). Eon(HA). G70(IK). G70(IK)-U.S.  
 G80(DH). G80(DH)-U.S. G80(RG3). GV80(JXI). G90(HI).  
 G90(HI)-U.S. Genesis Coupe(BK) Genesis Coupe(BK)  
 US)-U.S. Genesis(BH). Genesis(BH US)-U.S. Genesis(DH)  
 Getz(TB). Grand il 0 Nios/Aura(AI3). Grand il 0/Xcent(BA) Grand  
 Santafe(NC). Grandeur(XG). Grandeur/Azera(HG).  
 Grandeur/Azera(IG). Grandeur/Azera(TG). H-I Truck(SR). H-I  
 (AI). H-I/iMAX/iLOAD(TQ)- H-100 TRUCK(HR)- H350(EU).  
 HB20(HB). HB20(BR2). HD Coupe(GK). i10(IA). il 0(PA). i10(AC3).  
 i20(GB)- i20(IB)- i20(PB)- i20(BC3). i30(FDe). i30(GD).  
 i30(GDe). i30(PD). i30(PDE). i30N(PDEN). i30/Elantra  
 Neos(FD). i40(VF). IONIQ  
 Elektromos(AE EV). IONIQ Hybrid(AE HEV). IONIQ Phev(AE PHEV).  
 ix20(JC). ix35 FCEV(LM FCEV). ix35(EL). Kona(OS). Kona  
 Elektromos(OS EV). Kona Electric(OR EV). Kona Electric(OSi EV). Kona  
 Hybrid(OS HEV). Matrix(FC). Nexø(FE).  
 Paisade(LX2). Reina(CB). Santafe(TM). Santafe(TMA).  
 Santro(AH2). Santafe Sport(DMA). Santafe(CM).  
 Santafe(DM). Santafe(DMI). Santafe(SM). Sonata Hybrid(LF HEV).  
 Sonata Hybrid(LF HEV)-U.S. Sonata Hybrid(YF HEV). Sonata  
 Hybrid(YF HEV)-U.S. Sonata Hybrid(YF HEV US)-U.S.  
 Sonata(DN8). Sonata Hybrid(DN8 HEV). Sonata(DN8A)- Mexikó  
 számára. Sonata(EF). Sonata(LF). Sonata(LFA). Sonata(NF).  
 Sonata(YFI). Sonata(YFA)-U.S. Sonata/i45(YF).  
 Terracan(HP). Trajet XG(FO). Tucson FFV(JM FFV).  
 Tucson(JM). Tucson(LM)-BRAZIL. Tucson/ix35(LM).  
 Tucson(TL). Tucson(TLe). Tucson(TLI). Veloster(FS).  
 Veracruz/ix55(HU). Verna(RBI). Veloster N(JSN).  
 Veloster(JS). Venue(QX). Helyszín(QXI). Accent(HC). Accent(RB).  
 Accent(MC). Accent(LC). Azera(HG). Azera(TG)  
 Elantra(AD). Elantra(ADA). Elantra GT(PD). Elantra(MD).

Elantra(UD) Elantra(HD). Elantra(XD) Elantra Coupe(JK).  
 Elantra GT(G D) Elantra Touring(FD) Entourage(EP)  
 Equus(VI) G80(DH) G80(RG3) GV80(JX1) G90(HI)  
 G70(IK) Genesis(BH) Genesis(DH) Genesis Coupe(BK).  
 IONIQ Electric(AE EV) IONIQ Hybrid(AE HEV) IONIQ Plug-in Hybrid(AE  
 PHEV) Kona(OS) Kona Electric(OS EV). Nexo(FE)  
 Palisade(LX2). santafe(TMA) santafe(NC) santafe(CM)  
 Santafe(SM) Santafe Sport(DMA) Sonata Hev(LF HEV}  
 Sonata Phev(LF PHEV) Sonata(LFA) Sonata(YFA) Sonata(NF)  
 Sonata(EF). Sonata Hybrid(YF HEV). Sonata  
 Hybrid(DN8 HEV). Sonata(DN8A) Tucson Fcev(LM FCEV).  
 Tucson(TL). Tiburon(GK) Tucson(LM). Tucson(JM).  
 Veloster(FS) Veloster N(JSN) Veloster(JS) Venue(QX)  
 Veracruz(EN) XG(XG).

### 3) 2000-2021 KIA

Támogatja a legtöbb KIA járművet OBDI 6PIN 12V-os interfésszel.  
 Például Besta(TP). Cadenza (VG). Cadenza(YG). Carens(FJ)  
 Carens(UN) Carens/Rondo(RP) Carnival/Sedona(GQ).  
 Carnival/Sedona(VQ). Carnival/Sedona(YP) Carnival (YP) - Izrael  
 Carnival(YPi) Cee'd(ED) Cee'd(JD). Cee'd(CD)  
 Ceed PHEV(CD PHEV) Ceed(CD) - ProCeed (Shooting Brake)  
 Ceed(CD) - Sportswagon. Cerato/Forte(BD) Cerato/Forte(BDm)  
 Cerato(LD) Cerato/Forte(TD) Cerato/Forte(YD).  
 Cerato/Forte(YDm) K900(RJ) K2500/K2700/K3000/K3000S(PU).  
 K5 HEV(DL3 HEV). K5  
 (DL3) Moh ave/Borrego(HM) Niro(DE HEV) Niro(DE HEV) -  
 Mexikóhoz Niro(DE EV) Niro(DE PHEV} Niro(DE  
 PHEV)-Mexikó számára. Opirus(G H) Optim a HEV(JF HEV)  
 Optim a PHEV(JF PHEV). Optima(JF) Optima(JFA) - Közép- és  
 Dél-Amerika számára. Optima(QF) - Közép- és Dél-  
 Amerika számára. Optima HEV(TF HEV} Optima(TF)  
 Optim a/Magentis(MG) Optima/Magentis(MS) Pegas/Sol uto (AB)  
 Picanto(SA) Picanto(TA) Picanto/Morning(JA).

Pregio(FP). Quoris(KH). RIO(BC). RIO(JB). RIO(QBR).  
 RIO(UB)- RIO(FB). RIO(SC). RIO(YB). Seltos(SP2).  
 Seltos(SP2i). Sephia(FBI 2). Shuma/Spectra(SD). Sorento(BL).  
 Sorento(UM). Sorento(XM). Sorento(UMA)- Közép- és Dél-  
 Amerikában. Sorento(XMA)- Közép- és Dél-Amerikában.  
 Soul EV(SK3 EV). Soul EV(SK3 EV) - Mexikó számára.  
 Soul(SK3). Soul(SK3)- Mexikó számára. Soul(SK3A). Soul EV(PS  
 EV).

Soul(AM). Soul(PS). Soul(PS)- Mexikóért. Sportage(KM).  
 Sportage(SL). Sportage(SLE). Sportage(QL).

Sportage (QL) - Mexikó számára. Sportage(QLE).  
 Sportage(QLE)-Mexikó számára. Stinger(CK). Stonic(YB CUV).  
 Telluride(ON). Telluride(ON)-Mexikóba. Venga(YN). XCeed  
 PHEV(CD CUV PHEV). XCeed(CD CUV). Amanti(GH).  
 Borrego(HM). Cadenza(VG). Cadenza(YG). Forte(BDm).  
 Forte(YD). Forte(YDm). Forte/Forte Koup(TD). Forte(BD).  
 K5(DL3A). K900(RJ). K900(KH). Niro(DE EV). Niro(DE HEV)

Niro(DE PHEV). Optima Hybrid (JF HEV). Optima Hybrid(TF HEV). Optima  
 PHEV(JF PHEV). Optima(JF). Optima(JFA).

Optima(MG). Optima(MS). Optima(TF/QF). RIO(BC). RIO(JB).  
 RIO(SC). RIO(UB). Rondo(UN). Sedona(GQ).

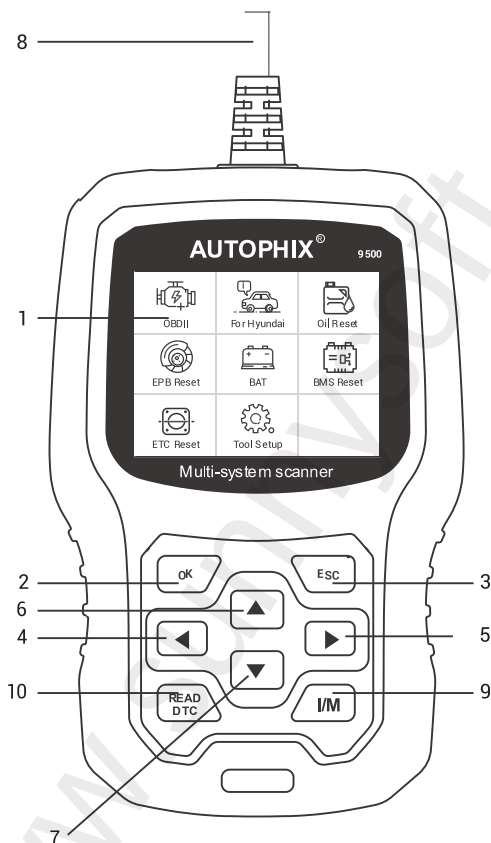
Sedona(VQ). Sedona(YP). Sephia(FB). Sorento(BL). Sorento(UMA).  
 Sorento(XM). Seltos(SP2). Soul EV (PS EV).

Soul EV(SK3 EV). Soul(AM). Soul(PS). Soul(SK3).  
 Spectra(LD). Spectra(SD). Sportage(AL). Sportage(KM). Sportage(QL).  
 Sportage(SL). Stinger(CK). Telluride(ON).

## 2. Termékleírások

- 2,8" LCD kijelző, 320 X 240 pixeles színes kijelzővel
- Működési feszültség: 8V~18V
- Üzemi hőmérséklet: 0 - 60 °C (32 - 140 °F)
- Tárolási hőmérséklet: -20 - 70 °C (-4 - 158 °F)

### 3. A gombok megjelenése és leírása



1. LCD KIJELZŐ - a teszteredmények megjelenítése. Háttérvilágítású kijelző 320 x 240 pixeles felbontással.

2. GOMB [OK] - A menüből történő kiválasztás (vagy művelet) megerősítése.

3. [ESC] - A menüben lévő kiválasztás (vagy művelet) törlése vagy visszatérés a menübe.

4. SCROLL GOMB [BAL]- Menü üzemmódban balra mozog a menükben és almenükben az adatfelületen való navigálás során, a bal oldali gombbal az utolsó képernyőre léphet.

5. SCROLL GOMB [JOBBRA] - menü üzemmódban jobbra mozog a menüpontok és almenük között, az adatfelületen való navigálaskora jobb oldali gombbal a következő képernyőre léphet.

6. SCROLL [UP] gomb - menü üzemmódban felfelé gördít a menüpontokban és almenükben. Több képernyő adatainak betöltésekor, további adatok betöltésekor felfelé mozog az előző képernyőre.

7. SCROLL [LE] GOMB - menü üzemmódban lefelé mozog a menüben és az almenükben. Több képernyőről történő adatbetöltéskor a következő képernyőre mozog lefelé a további adatokért.

8. OBD-16PIN csatlakozó - A szkennerezszköz csatlakoztatása a jármű adatkapcsolati csatlakozójához (DLC).

9. BUTTON [I/M] - a kibocsátási és az üzemkésztség gyors ellenőrzése. a vezetési ciklus ellenőrzése.

10. [READ DTC] gomb - A jármű hibakódjainak gyors kiolvasása.

| 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 |

**Megjegyzések:**

MIL sárga - MIL ON

MIL szürke - MIL OFF

Ø nem támogatja

✓ Befejezett

✗ Befejezetlen

## HASZNÁLATI UTASÍTÁS

## 1. Kapcsolat 9500

1.1 Kapcsolja be a gyújtást.

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

## 2 Jellemzők 9500

## 2.1 Hyundai KIA esetében

Ez a termék elsősorban a Hyundai és a KIA márkákat teszteli. Válassza ki a [For Hyundai KIA] lehetőséget a következők megtekintéséhez:

|                                                                                                |                                                                                                  |                                                                                                |
|------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|
| <br>OBDII     | <br>For Hyundai | <br>Oil Reset |
| <br>EPB Reset | <br>BAT         | <br>BMS Reset |
| <br>ETC Reset | <br>Tool Setup  |                                                                                                |

| Select Vehicle Brand |
|----------------------|
| Last Test Record     |
| For Hyundai Diagnose |
| For KIA Diagnose     |

|     |
|-----|
| 1/3 |
|-----|

| Manual Select |
|---------------|
| General Area  |
| USA Area      |

| Manual Select       |
|---------------------|
| Accent(HC)          |
| Accent(HC)-U.S.     |
| Accent/Verna(HCI)   |
| Accent(LC)          |
| Accent(MC)          |
| Accent(RB)          |
| Accent/Solaris(RBr) |

| Manual Select |  |
|---------------|--|
| 2011          |  |
| 2010          |  |
| 2009          |  |
| 2008          |  |
| 2007          |  |
| 2006          |  |
|               |  |
| 1/6           |  |

| Manual Select |  |
|---------------|--|
| G 1.6 DOHC    |  |
| G 1.4 DOHC    |  |
| D 1.5 TCI-U   |  |
|               |  |
| 1/3           |  |

| Manual Select    |  |
|------------------|--|
| Health Report    |  |
| Control Units    |  |
| Special Function |  |
|                  |  |
| 1/3              |  |

2.1.1 A folytatáshoz nyomja meg az [OK] gombot, nyomja meg a [Health Report], a képek a következők:

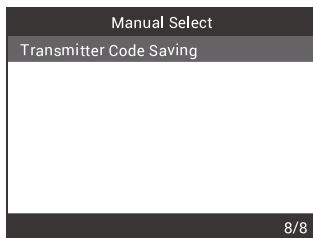
| Scanning ... [58%]           |   |
|------------------------------|---|
| ECM(Engine Control Module... | 1 |
| ECM(Engine Control Module... | 1 |
| ECM(Engine Control Module... | 1 |
| ECM(Engine Control Module... | 1 |
| Anti-Lock Brake(MGH-25)      |   |
|                              |   |
| 5/5                          |   |

| Select System                |    |
|------------------------------|----|
| Clear All DTC                |    |
| ECM(Engine Control Module... | 1  |
| ECM(Engine Control Module... | 1  |
| ECM(Engine Control Module... | 1  |
| ECM(Engine Control Module... | 1  |
| IMM (Immobilizer)            | OK |
|                              |    |
| 1/6                          |    |

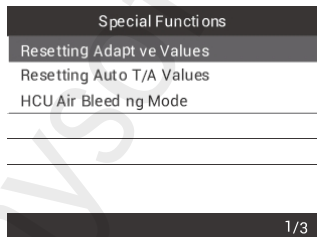
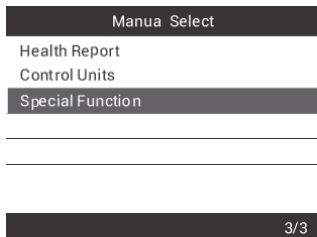
Press [Control Units], it will show as follows:

| Manual Select    |  |
|------------------|--|
| Health Report    |  |
| Control Units    |  |
| Special Function |  |
|                  |  |
| 2/3              |  |

| Manual Select                     |  |
|-----------------------------------|--|
| ECM (Engine Control Module)       |  |
| TCM (Transmission Control Mo...   |  |
| ABS (Anti-lock Braking System)    |  |
| SRS (Supplemental Inflatable R... |  |
| AC (Air Conditioning)             |  |
| EPS (Electronic Power Steering)   |  |
| IMM (Immobilizer)                 |  |
| 1/8                               |  |



Nyomja meg a [Special Functions] gombot a következők megjelenítéséhez:



Megjegyzés: A különböző modellek által támogatott speciális funkciók eltérőek.

## 2.2 Különleges funkciók **Special Functions**

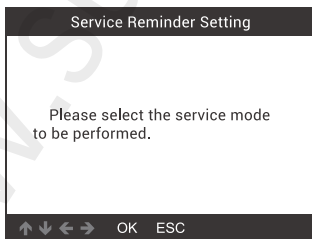
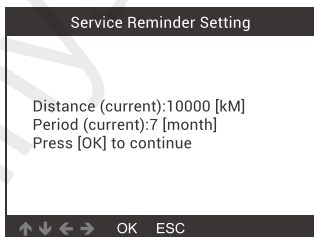
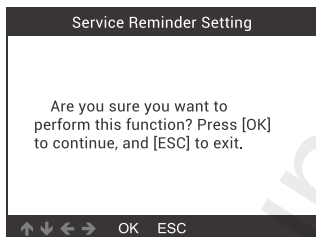
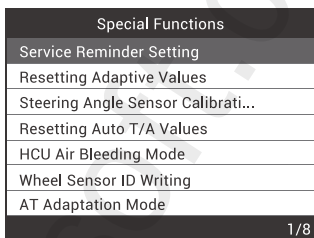
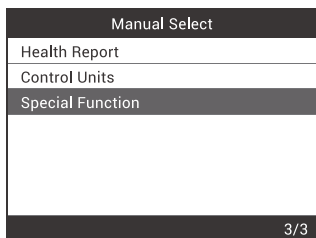
A leggyakrabban használt speciális funkciók a következők:

- ETC reset
  - ETC visszaállítása
- EPB Replace Brake Pad
  - A fék cseréje
- Gearbox adaptation
  - Sebességváltó módosítása
- SAS
- Oil reset
  - Olaj visszaállítása
- TPMS reset
  - Az EPB fékbetétrendszer visszaállítása TPMS
- IQA
- BMS reset
  - Rendszer visszaállítás
  - BMS
- EGR reset
  - AEGR visszaállítása
- ABS

Az alábbiakban két különleges funkciót választunk ki, és részletesen ismertetjük őket.

## 2.2.1 Szerviz-émléktető beállítása Service Reminder Setting

Nyomja meg a [Special Functions] gombot, és görgessen a Service Reminder Settings] menüpontra. Kövesse a felületen megjelenő utasításokat a szerviz-émléktető beállítások elvégzéséhez. A konkrét lépések a következők:



Nyomja meg az [OK] gombot a folytatáshoz, az [ESC] gombot a kilépéshez.  
-Azt kézzel is megadhatja, vagy kiválaszthatja a közvetlen visszaállítás [Customize] lehetőséget a kilométerek számának és a közvetlen visszaállítás [Reset] periodicitásának testreszabásához. Válassza ki a [Customize] A-[J 0000km]. [30000km]. [60000km]. [60000km] rövidített bevitel.

| Service Reminder Setting |
|--------------------------|
| Customize                |
| Reset                    |
|                          |
|                          |
|                          |
|                          |

1/2

| Service Reminder Setting |
|--------------------------|
| Set distance             |
| Set period               |
|                          |
|                          |
|                          |
|                          |

1/2

| Set distance |
|--------------|
| 10000km      |
| 30000km      |
| 60000km      |
| Manual input |
|              |
|              |
|              |
|              |

1/4

B-[Manual Input] az egyéni bemenetekhez

| Set distance |
|--------------|
| 10000km      |
| 30000km      |
| 60000km      |
| Manual input |
|              |
|              |
|              |

4/4

| Set distance                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Enter distance 0-99999:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| <table border="1"> <tbody> <tr> <td>1</td><td>2</td><td>3</td><td>4</td><td>5</td><td>A</td><td>B</td><td>C</td><td>D</td><td>E</td><td>F</td><td>G</td><td>H</td><td>I</td><td>↩</td> </tr> <tr> <td>6</td><td>7</td><td>8</td><td>9</td><td>0</td><td>J</td><td>K</td><td>L</td><td>M</td><td>N</td><td>O</td><td>P</td><td>Q</td><td>R</td><td>↩</td> </tr> <tr> <td>.</td><td>+</td><td>-</td><td>*</td><td>/</td><td>S</td><td>T</td><td>U</td><td>V</td><td>W</td><td>X</td><td>Y</td><td>Z</td><td>↩</td><td>↩</td> </tr> </tbody> </table> | 1 | 2 | 3 | 4 | 5 | A | B | C | D | E | F | G | H | I | ↩ | 6 | 7 | 8 | 9 | 0 | J | K | L | M | N | O | P | Q | R | ↩ | . | + | - | * | / | S | T | U | V | W | X | Y | Z | ↩ | ↩ |
| 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 2 | 3 | 4 | 5 | A | B | C | D | E | F | G | H | I | ↩ |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 7 | 8 | 9 | 0 | J | K | L | M | N | O | P | Q | R | ↩ |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| .                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | + | - | * | / | S | T | U | V | W | X | Y | Z | ↩ | ↩ |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| ↩:Next Step      I/M:Scroll Text                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |

## Set distance

The Service Reminder Setting of Distance has been completed, Please Press [OK] Button to Set period.

↑ ↓ ← → OK ESC

Nyomja meg az [OK] gombot az időszak beállításához.

A- [6 hónap]. [12 hónap]. [18 hónap] rövidített bejegyzés.

## Set distance

6month

12month

18month

Manual input

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B- [Manual Input] az egyéni bemenetekhez

## Set distance

6month

12month

18month

Manual input

4/4

## Set distance

6

Enter period 0-99:

|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | A | B | C | D | E | F | G | H | I | ↩ |
| 6 | 7 | 8 | 9 | 0 | J | K | L | M | N | O | P | Q | R | ↩ |
| . | + | - | * | / | S | T | U | V | W | X | Y | Z | ↩ | ↩ |

↩:Next Step

I/M:Scroll Text

A futásteljesítmény és az időszakosság testreszabása teljes körű.

Set period

The function is complete

↑ ↓ ← → OK ESC

[Reset] a közvetlen visszaállításhoz

Service Reminder Setting

Customize

Reset

Service Reminder Setting

Are you sure you want to perform this function? Press [OK] to continue, and [ESC] to exit.

2/2

↑ ↓ ← → OK ESC

A karbantartás újraindítása befejeződött.

Megjegyzés: A fenti **szöveg az olajszervez lámpa visszaállítása elem fő tartalma;**  
kövesse a fenti utasításokat.

## 2.2.2 Az adaptív értékek helyreállítása Resetting Adaptive Values

Nyomja meg a [Special Functions] gombot, és görgessen az [Resetting Adaptive Values] menüpontra. Kövesse a felületen megjelenő utasításokat az adaptív értékek visszaállításának befejezéséhez. A konkrét lépéseket az alábbi ábra mutatja:

## Special Functions

Service Reminder Setting

Resetting Adaptive Values

Steering Angle Sensor Calibrati ..

Resetting Auto T/A Values

HCU Air Bleeding Mode

Wheel Sensor ID Writing

AT Adaptat on Mode

2/8

## Resetting Adaptive Values

[Conditions]

- 1 Ignition switch on
- 2 Eng ne off

↑ ↓ ← → OK ESC

## Resetting Adaptive Values

Are you sure?

[Conditions: ignition on, engine  
off]

## Resetting Adaptive Values

The function is complete.

↑ ↓ ← → OK ESC

↑ ↓ ← → OK ESC

Megjegyzés: Az egyes **modellek** speciális funkciói **a tényleges működésnek megfelelően változnak**.

### 3 OBDII rendszer **OBDII System**

#### 3.1 Olvassa el a kódokat **Read Codes**

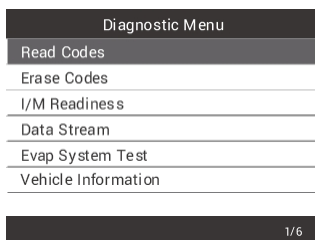
A tárolt kódokat "kemény kódoknak" vagy "állandó kódoknak" is nevezik. Ezek a kódok a vezérlőmodulban lévő hibajelző lámpa (MIL) kigyulladását okozzák, amikor a károsanyag-kibocsátással kapcsolatos hiba lép fel.

A függőben lévő kódokat "érlelő kódoknak" vagy "folyamatos megfigyelési kódoknak" is nevezik.

Olyan problémát jelez, amelyet a vezérlőmodul az aktuális vagy a legutóbbi hajtási ciklus során észlelt, de nem tekinthető súlyosnak.

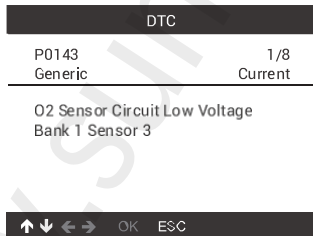
Ha a következő bemelegítési ciklus során nem lép fel hiba, a hibajelző lámpa nem világít, és a kódok törlődnek a memóriából.

1) A FEL/LE gőrgetőgombbal válassza ki a Kódo olvasás menőpontot a diagnosztikai menőben, majd nyomja meg az [OK] gombot.



Ha nincsenek diagnosztikai hibakódo, a kijelzőn megjelenik a "Nincs (függőben lévő) kód tárolva a modulban!" üzenet. ("A modulban nincsenek (függőben lévő) kódok tárolva!") Várjon néhány másodpercet, vagy nyomja meg bármelyik gombot a diagnosztikai menőbe való visszatéréshez.

2) A DTC-k és definícióik megjelenítése a képernyőn.

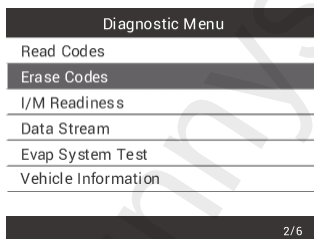


A kijelző jobb felső sarkában megjelenik a vezérlőmodul száma, a DTC-sorozat, az észlelt kódok teljes száma és a kód típusa (Generic of Manufacturer specific).

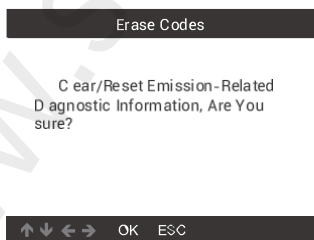
## 3.2 K ó d o k törlése **Erase Codes**

Megjegyzések: Ez a funkció a motor kikapcsolt állapotában kerül végrehajtásra. Ne indítsa be a motort. Győződjön meg róla, hogy elolvasta és feljegyezte a hibakódokat, mielőtt ezt a funkciót végrehajtaná. A törlés után újra be kell töltenie a hibakódokat, vagy be kell kapcsolnia a gyújtást és újra be kell töltenie a kódokat. Ha még mindig vannak súlyos hibákra vonatkozó hibakódok, először derítse ki a hibakódot kiváltó okot, majd javítsa ki a problémát. A hibakódok most már törölhetők.

1) Válassza ki a FEL/LE görgetőgombokkal a Diagnosztikai menüből a Kódok törlése lehetőséget, majd nyomja meg az [OK] gombot.



2) Egy figyelmeztető üzenet jelenik meg, amely megerősítést kér.



### 3) Nyomja meg az [OK] gombot a megerősítéshez.

#### Erase Codes

Please Turn Ignition ON with Engine Off, Press OK key to continue!

↑ ↓ ← → OK ESC

#### Erase Codes

Emission-Related Diagnostic Information has been cleared!

↑ ↓ ← → OK ESC

### 3.3 Készenlét az I / M - r e I/M Readiness

Az I/M a kormány által az állami levegő tisztasági előírások betartása érdekében előírt ellenőrzésre és karbantartásra utal.

Az I/M-készültség azt jelzi, hogy vannak-e különböző a jármű kibocsátással kapcsolatos rendszerei megfelelően működnek, és készen állnak az ellenőrzésre és karbantartásra. Az I/M Readiness Monitor funkció (a hiba kijavítása után) a javítás helyes elvégzésének megerősítésére és/vagy a monitor üzemállapotának ellenőrzésére is használható.

| Diagnostic Menu      |
|----------------------|
| Read Codes           |
| Erase Codes          |
| <b>I/M Readiness</b> |
| Data Stream          |
| Evap System Test     |
| Vehicle Information  |
| 3/6                  |

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

### 3.4 A d a t á r a m l á s **Data Stream**

Az OBDII-ellenőrző eszköz egy speciális diagnosztikai eszköz, amely kommunikál a jármű számítógépével. A keresőeszköz lehetővé teszi az "élő" adatok valós idejű megtekintését. Ezek az információk a jármű különböző érzékelői, kapcsolói és működtetői által generált értékeket (feszültség, fordulatszám, hőmérséklet, sebesség stb.) és a rendszer állapotára vonatkozó információkat (nyitott hurok, zárt hurok, üzemanyagrendszer állapota stb.) tartalmazzák.

Nyomja meg az OK gombot

| Diagnostic Menu     |
|---------------------|
| Read Codes          |
| Erase Codes         |
| I/M Readiness       |
| <b>Data Stream</b>  |
| Evap System Test    |
| Vehicle Information |

4/6

| Datastream     |
|----------------|
| View All Items |
| Select Items   |

1/2

### 3.5 A z e l p á r o l o g t a t ó szivárgásvizsgálata **Evap Leak Test**

Ez a funkció lehetővé teszi az elpárologtató szivárgásvizsgálat elvégzéséhez szükséges feltételek beállítását, de valójában nem végzi el a vizsgálatot. A jármű gyártójának felelőssége a teszt automatikus leállításának feltételeinek beállítása.

Mielőtt ezt a funkciót elvégezné, olvassa el a jármű szervizkönyvében a szükséges eljárásokat.

| Diagnostic Menu         |
|-------------------------|
| Read Codes              |
| Erase Codes             |
| I/M Readiness           |
| Data Stream             |
| <b>Evap System Test</b> |
| Vehicle Information     |

5/6

| Evap System Test                              |
|-----------------------------------------------|
| Evaporative system leak test<br>not supported |

↑ ↓ ← → OK ESC

### 3.6 Járműinformációk **Vehicle Information**

Válassza ki a [Vehicle Information] lehetőséget, és nyomja meg az [OK] gombot, a megjelenik a VIN (járműazonosító szám), CID (kalibrációs azonosító) és CVN (kalibrációs szám).

| Diagnostic Menu            |
|----------------------------|
| Read Codes                 |
| Erase Codes                |
| I/M Readiness              |
| Data Stream                |
| Evap System Test           |
| <b>Vehicle Information</b> |
| 6/6                        |

| Vehicle Information                                      |
|----------------------------------------------------------|
| Vehicle Identification Number(VIN):<br>LVSFBFAC94F020950 |
| Cal bration Identifications(CID):<br>000007550753        |
| Cal bration Ver fication Numbers(CVN):<br>B5073064       |
| ↑ ↓ ← → OK ESC                                           |

## 4. Szerszámbeállítások **ToolSetup**

### 4.1 Nyelv **Language**

Válassza ki a [Language] lehetőséget a következők megjelenítéséhez:

| Tool Setup                       |
|----------------------------------|
| <b>Language</b>                  |
| Beeper                           |
| Instructions(Display at startup) |
| Unit of Measure                  |
| Skin Style                       |
| Device Information               |
| 1/6                              |

| Language       |
|----------------|
| <b>Eng ish</b> |
| Deutsch        |
| Français       |
| Español        |
| Italiano       |
| Русский        |
| Português      |
| 1/13           |

## 4.2 C s i p o g á s **Beeper**

Válassza ki a [Beeper] lehetőséget, és a következő jelenik meg:

| Tool Setup                       |
|----------------------------------|
| Language                         |
| <b>Beeper</b>                    |
| Instructions(Display at startup) |
| Unit of Measure                  |
| Skin Style                       |
| Device Information               |
| 2/6                              |

| Beeper |
|--------|
| OFF    |
| ON     |
|        |
|        |
|        |
|        |
| 1/2    |

## 4.3 Utasítások (indításkor jelenik meg) **Instructions(Display at startup)**

Válassza ki az [Instructions(Display at startup)] Utasítások (Indításkor megjelenő kijelző) lehetőséget, és a következő jelenik meg:

| Tool Setup                              |
|-----------------------------------------|
| Language                                |
| Beeper                                  |
| <b>Instructions(Display at startup)</b> |
| Unit of Measure                         |
| Skin Style                              |
| Device Information                      |
| 3/6                                     |

| Instructions(Display at startup) |
|----------------------------------|
| OFF                              |
| ON                               |
|                                  |
|                                  |
|                                  |
|                                  |
|                                  |
| 1/2                              |

## 4.4 Mértékegység Unit of measure

Válassza ki a [Unit of measure] lehetőséget, és a következő jelenik meg:

| Tool Setup                       |
|----------------------------------|
| Language                         |
| Beeper                           |
| Instructions(Display at startup) |
| <b>Unit of Measure</b>           |
| Skin Style                       |
| Device Information               |

4/6

| Unit of measure |
|-----------------|
| <b>Mertic</b>   |
| Imperial        |
|                 |
|                 |
|                 |
|                 |

1/2

## 4.5 Megjelenési stílus Skin Style

Válassza ki a [Skin style] lehetőséget, és a következő jelenik meg:

| Tool Setup                       |
|----------------------------------|
| Language                         |
| Beeper                           |
| Instructions(Display at startup) |
| Unit of Measure                  |
| <b>Skin Style</b>                |
| Device Information               |

5/6

| Skin Style      |
|-----------------|
| <b>Sky Gray</b> |
| Gem Blue        |
|                 |
|                 |
|                 |
|                 |

1/2

## 4.6 Információk a készülékről Device information

Válassza a [Device Information] lehetőséget, és a következő jelenik meg:

| Tool Setup                       |
|----------------------------------|
| Language                         |
| Beeper                           |
| Instructions(Display at startup) |
| Unit of Measure                  |
| Skin Style                       |
| <b>Device Information</b>        |

6/6

| Device Information |                        |
|--------------------|------------------------|
| Software Version:  | 01.62.000              |
| Hardware Version:  | 01.10.000              |
| Serial Number:     | Autophix20180300000001 |

↑ ↓ ← → OK ESC

## 5 Visszajelzések és frissítések

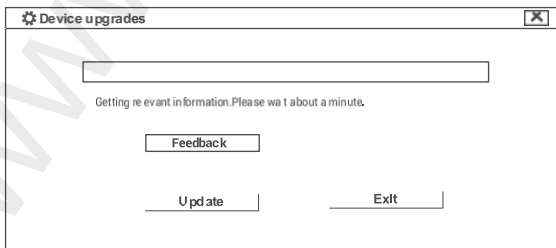
Ha a tesztelés folyamata során valami nem stimmel a teszteléssel, küldjön egy dokumentumot a visszajelzéssel. Kérjük, töltsse le a frissítési fájlt a számítógépére az AUTOPHIX weboldaláról. A készüléket USB-kábelrel keresztül csatlakoztassa a számítógéphez.

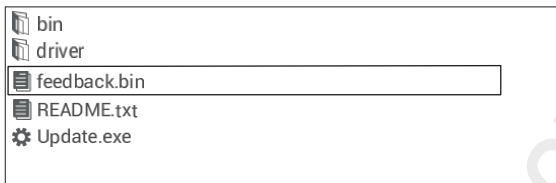


Válassza ki a "Frissítés" fájlt, és a következő jelenik meg:



Kattintson a "Visszajelzés" gombra, és megjelenik a következő:





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

Ha frissítésre van szüksége, akkor a következőkre kell figyelnie:

1) A szoftver frissítésekor a készülék csak a Windows 7/8/10/11 rendszert támogatja.

2) Közvetlenül frissíthető a Windows 8 és a Windows 10/11 rendszerben.

3) Ha a számítógépen Windows 7 fut, akkor a telepített szoftveres eszközillesztővel rendelkezik.

Megjegyzés:

A frissítőszoftvert csak a Windows 7/8/10/11 támogatja, a Windows XP és a macOS nem. **Ha nem érti** a frissítés lépéseit az utasításokban, kérjük, lépjen kapcsolatba velünk.

### . Szervizeljárások

Ha bármilyen kérdése van, kérjük, forduljon helyi üzletéhez, forgalmazójához vagy látogasson el weboldalunkra [www.autophix.com](http://www.autophix.com)

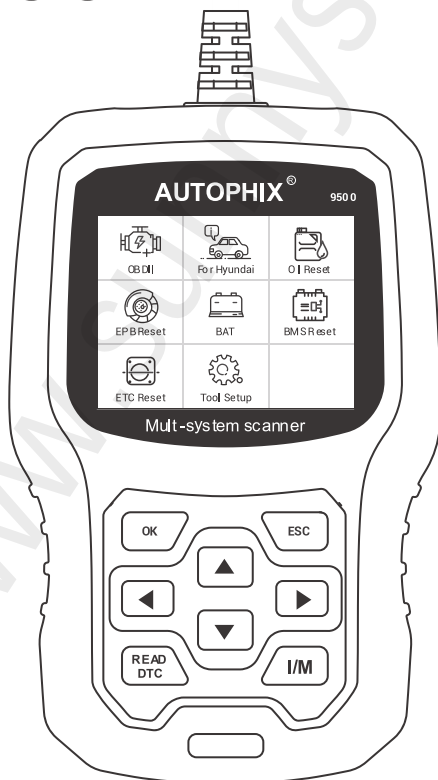
Ha javítás céljából vissza kell küldenie a keresőeszközt, kérjük, forduljon a következő címre  
a helyi forgalmazótól kaphat további információkat.

### Szállító/forgalmazó

Sunnysoft s.r.o.  
Kovanecká 2390/1a  
190 00 Prague 9  
Csehország  
[www.sunnysoft.cz](http://www.sunnysoft.cz)

# AUTOPHIX<sup>®</sup>

## INSTRUCȚIUNI DE UTILIZARE 9500



## AVERTISMENT DE SIGURANȚĂ

Pentru a preveni vătămarea corporală sau deteriorarea vehiculelor și/sau a sculei de scanare, vă rugăm să citiți mai întâi acest manual și să respectați cel puțin următoarele măsuri de siguranță atunci când lucrați la un vehicul:

Testați întotdeauna autovehiculele într-un mediu sigur. Nu încercați să operați sau să observați instrumentul în timp ce conduceți. Operarea sau observarea instrumentului distrage atenția șoferului și poate provoca un accident mortal.

Purtați ochelari de protecție care respectă standardele ANSI. Utilizați vehiculul într-o zonă de lucru bine ventilată: gazele de eșapament sunt toxice.

Puneți cutia de viteze în PARK (pentru o cutie de viteze automată) sau NEUTRAL (pentru o cutie de viteze manuală) și verificați dacă frâna de parcare este aplicată.

Păstrați instrumentul de scanare uscat, curat, fără ulei/apă sau grăsime.

Dacă este necesar, curățați exteriorul sculei de scanare cu un detergent ușor pe o cârpă curată.

Sfaturi: atunci când utilizați produsul, conectați-l la mașină înainte de a o porni.

## DESPRE 9500

### 1. Acoperire

1) 9500 funcționează pe majoritatea vehiculelor americane, europene și asiatice cu OBDII după 996.

2) 1999-2021 Hyundai

Suportă majoritatea vehiculelor Hyundai cu interfață OBD16PIN de 12V.

De exemplu, Accent(HC). Accent(HC)-U.S. Accent/Verna(HCI)

Accent(LC). Accent(MC). Accent(RB) Accent/Solaris(RBr).

Accent/Solaris(HCR). Atos Prime(MXL). Atos(MX).

Atos(MXI)-PDF. Creta(GS). Creta(GSB). Creta(GSR). Creta(SU2I).  
 Centennial(LZ). Equus/Centennial(VI). Elantra Coupe(JK). Elantra(AD).  
 Elantra(ADA). Elantra(ADI).  
 Elantra(CN7). Elantra(HD). Elantra(MD). Elantra(MDI). Elantra(UD).  
 Elantra(XD). Eon(HA). G70(IK). G70(IK)-U.S.  
 G80(DH). G80(DH)-U.S. G80(RG3). GV80(JXI). G90(HI).  
 G90(HI)-U.S. Genesis Coupe(BK). Genesis Coupe(BK  
 US)-U.S. Genesis(BH). Genesis(BH US)-U.S. Genesis(DH) Getz(TB).  
 Grand il 0 Nios/Aura(Al3). Grand il 0/Xcent(BA) Grand Santafe(NC).  
 Grandeur(XG). Grandeur/Azera(HG).  
 Grandeur/Azera(IG). Grandeur/Azera(TG). H-I Truck(SR). H-I (AI). H-  
 I/iMAX/iLOAD(TQ)- H-100 TRUCK(HR)- H350(EU). HB20(HB).  
 HB20(BR2). HD Coupe(GK). i10(IA). il 0(PA). i10(AC3). i20(GB)-  
 i20(IB)- i20(PB)- i20(BC3). i30(FDe). i30(GD). i 3 0 (GDe). i30(PD).  
 i30(PDE). i30N(PDEN). i30/Elantra Neos(FD). i40(VF). IONIQ  
 Electric(AE EV). IONIQ Hybrid(AE HEV). IONIQ Phev(AE PHEV). ix20(JC). ix35  
 FCEV(LM FCEV). ix35(EL). Kona(OS). Kona  
 Electric(OS EV). Kona Electric(OM EV). Kona Electric(OSi EV). Kona  
 Hybrid(OS HEV). Matrix(FC). Nexso(FE).  
 Paisade(LX2). Reina(CB). Santafe(TM). Santafe(TMA). Santro(AH2).  
 Santafe Sport(DMA). Santafe(CM).  
 Santafe(DM). Santafe(DMI). Santafe(SM). Sonata Hybrid(LF HEV). Sonata  
 Hybrid(LF HEV)-U.S. Sonata Hybrid(YF HEV). Sonata Hybrid(YF HEV)-U.S.  
 Sonata Hybrid(YF HEV US)-U.S.  
 Sonata(DN8). Sonata Hybrid(DN8 HEV). Sonata(DN8A)-pentru Mexic.  
 Sonata(EF). Sonata(LF). Sonata(LFA). Sonata(NF)  
 Sonata(YFI). Sonata(YFA)-U.S. Sonata/i45(YF).  
 Terracan(HP). Trajet XG(FO). Tucson FFV(JM FFV).  
 Tucson(JM). Tucson(LM)-BRAZIL. Tucson/ix35(LM). Tucson(TL).  
 Tucson(TLe). Tucson(TLI). Veloster(FS). Veracruz/ix55(EN).  
 Verna(RBI). Veloster N(JSN).  
 Veloster(JS). Locul de desfășurare(QX). Venue(QXI). Accent(HC).  
 Accent(RB). Accent(MC). Accent(LC). Azera(HG). Azera(TG)  
 Elantra(AD). Elantra(ADA). Elantra GT(PD). Elantra(MD).

Elantra(UD) Elantra(HD). Elantra(XD) Elantra Coupe(JK).  
 Elantra GT(G D) Elantra Touring(FD) Entourage(EP)  
 Equus(VI). G80(DH) G80(RG3) GV80(JX1) G90(HI)  
 G70(IK) Genesis(BH) Genesis(DH) Genesis Coupe(BK).  
 IONIQ Electric(AE EV) IONIQ Hybrid(AE HEV) IONIQ Plug-in Hybrid(AE  
 PHEV) Kona(OS) Kona Electric(OS EV). Nexo(FE)  
 Palisade(LX2). santafe(TMA) santafe(NC) santafe(CM)  
 Santafe(SM) Santafe Sport(DMA) Sonata Hev(LF HEV}  
 Sonata Phev(LF PHEV) Sonata(LFA) Sonata(YFA) Sonata(NF)  
 Sonata(EF). Sonata Hybrid(YF HEV). Sonata  
 Hybrid(DN8 HEV) Sonata(DN8A) Tucson Fcev(LM FCEV).  
 Tucson(TL). Tiburon(GK) Tucson(LM). Tucson(JM).  
 Veloster(FS) Veloster N(JSN) Veloster(JS) Venue(QX)  
 Veracruz(EN) XG(XG).

### 3) 2000-2021 KIA

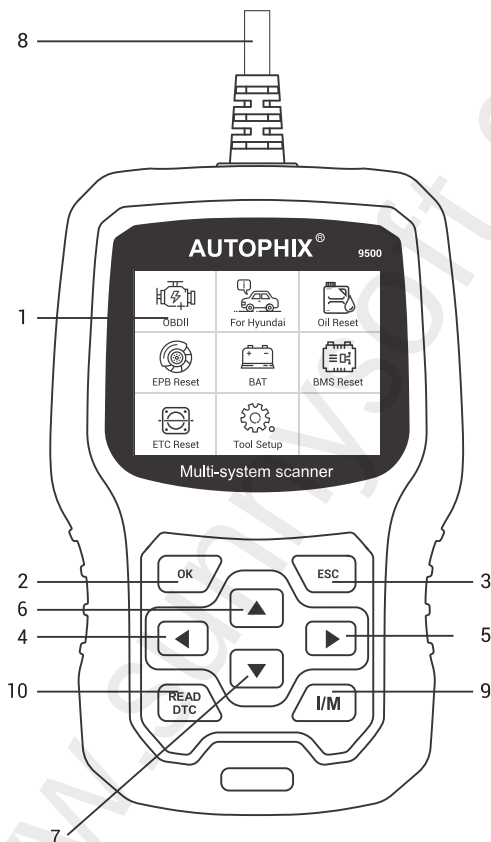
Suportă majoritatea vehiculelor KIA cu interfață OBDI 6PIN 12V. De  
 exemplu Besta(TP). Cadenza (VG). Cadenza(YG). Carens(FJ)  
 Carens(UN) Carens/Rondo(RP) Carnival/Sedona(GQ).  
 Carnival/Sedona(VQ). Carnival/Sedona(YP) Carnival (YP) - Israel  
 Carnival(YPi) Cee'd(ED) Cee'd(JD). Cee'd(CD)  
 Ceed PHEV(CD PHEV) Ceed(CD) - ProCeed (Shooting Brake) Ceed(CD) -  
 Sportswagon. Cerato/Forte(BD) Cerato/Forte(BDm) Cerato(LD)  
 Cerato/Forte(TD) Cerato/Forte(YD).  
 Cerato/Forte(YDm) K900(RJ) K2500/K2700/K3000/K3000S(PU). K5  
 HEV(DL3 HEV). K5  
 (DL3) Moh ave/Borrego(HM) Niro(DE HEV) Niro(DE HEV) -  
 pentru Mexic Niro(DE EV) Niro(DE PHEV} Niro(DE  
 PHEV)-pentru Mexic. Opirus(G H) Optim a HEV(JF HEV) Optim a  
 PHEV(JF PHEV). Optima(JF) Optima(JFA) - Pentru America Centrală  
 și de Sud Optima(QF) - Pentru America Centrală și de Sud  
 Optima HEV(TF HEV} Optima(TF)  
 Optim a/Magentis(MG) Optima/Magentis(MS) Pegas/Sol uto (AB)  
 Picanto(SA) Picanto(TA) Picanto/Morning(JA).

Pregio(FP). Quoris(KH). RIO(BC). RIO(JB). RIO(QBR).  
 RIO(UB)- RIO(FB). RIO(SC). RIO(YB). Seltos(SP2).  
 Seltos(SP2I). Sephia(FBI 2). Shuma/Spectra(SD). Soren- to(BL).  
 Sorento(UM). Sorento(XM). Sorento(UMA)-pentru America Centrală și de  
 Sud. Sorento(XMA)-pentru America Centrală și de Sud.  
 Soul EV(SK3 EV). Soul EV(SK3 EV)-pentru Mexic. Soul(SK3).  
 Soul(SK3)-pentru Mexic. Soul(SK3A). Soul EV(PS EV).  
 Soul(AM). Soul(PS). Soul(PS)-pentru Mexic. Sportage(KM). Sportage(SL).  
 Sportage(SLE). Sportage(QL)  
 Sportage(QL)-pentru Mexic. Sportage(QLE). Sportage(QLE)-  
 pentru Mexic. Stinger(CK). Stonic(YB CUV). Telluride(ON).  
 Telluride(ON)-pentru Mexic. Venga(YN). XCeed PHEV(CD CUV PHEV).  
 XCeed(CD CUV). Amanti(GH).  
 Borrego(HM). Cadenza(VG). Cadenza(YG). Forte(BDm). Forte(YD).  
 Forte(YDm). Forte/Forte Koup(TD). Forte(BD). K5(DL3A). K900(RJ).  
 K900(KH). Niro(DE EV). Niro(DE HEV)  
 Niro(DE PHEV). Optima Hybrid (JF HEV). Optima Hybrid(TF HEV). Optima  
 PHEV(JF PHEV). Optima(JF). Optima(JFA).  
 Optima(MG). Optima(MS). Optima(TF/QF). RIO(BC). RIO(JB). RIO(SC).  
 RIO(UB). Rondo(UN). Sedona(GQ).  
 Sedona(VQ). Sedona(YP). Sephia(FB). Sorento(BL). Sorento(UMA).  
 Sorento(XM). Seltos(SP2). Soul EV (PS EV)  
 Soul EV(SK3 EV). Soul(AM). Soul(PS). Soul(SK3).  
 Spectra(LD). Spectra(SD). Sportage(AL). Sportage(KM). Sportage(QL).  
 Sportage(SL). Stinger(CK). Telluride(ON).

## 2. Specificațiile produsului

- Ecran LCD de 2,8", afișaj color 320 X 240 pixeli
- Tensiune de funcționare: 8V~18V
- Temperatura de funcționare: 0 - 60 °C (32 - 140 °F)
- Temperatura de depozitare: -20 - 70 °C (-4 - 158 °F)

### 3. Apariția și descrierea butoanelor



1. LCD DISPLAY - afișează rezultatele testelor. Afișaj retroiluminat cu rezoluție de 320 x 240 pixeli.
2. BUTON [OK] - Confirmă selecția (sau acțiunea) din meniu.
3. [ESC] - Anulează selecția (sau acțiunea) din meniu sau revine la meniu.

4. BUTONUL DE DEPLASARE [STÂNGA]- În modul meniu, deplasați-vă spre stânga prin meniuri și submeniuri pe măsură ce navigați prin interfața de date, utilizați butonul din stânga pentru a vă deplasa la ultimul ecran.
5. BUTON DE DEPLASARE [DREAPTA] - în modul meniu, vă deplasați spre dreapta prin elementele de meniu și submeniuri, atunci când navigați în interfața de date, puteți utiliza butonul din dreapta pentru a trece la ecranul următor.
6. Butonul SCROLL [UP] - în modul meniu, derulează în sus prin elementele și submeniurile meniului. Când încărcați date pentru mai mult de un ecran, se deplasează în sus la ecranul anterior pentru date suplimentare.
7. BUTON SCROLL [DOWN] - în modul meniu, se deplasează în jos în meniu și în elementele submeniului. Când încărcați date din mai multe ecrane, deplasați-vă în jos la următorul ecran pentru date suplimentare.
8. CONECTOR OBD-16PIN - Conectează instrumentul de scanare la conectorul de legătură de date (DLC) al vehiculului.
9. BUTON [I/M] - verificare rapidă a pregătirii pentru emisii și verificarea ciclului de conducere.
10. Butonul [READ DTC] - Citiți rapid codurile de eroare ale autovehiculului.

| 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 |

**Note:**

MIL galben - MIL ON

MIL gri - MIL OFF

Ø nu este susținută de

✓ Completat

× Nefinisat

## INSTRUCȚIUNI DE UTILIZARE

### 1. Conexiune 9500

1.1 Porniți contactul.

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

### 2 Caracteristici 9500

#### 2.1 Pentru Hyundai KIA

Acest produs testează în principal mărcile Hyundai și KIA. Selectați [Pentru Hyundai KIA] pentru a vedea următoarele:

|                                                                                   |                                                                                   |                                                                                   |
|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|
|  |  |  |
| OBDII                                                                             | For Hyundai                                                                       | Oil Reset                                                                         |
|  |  |  |
| EPB Reset                                                                         | BAT                                                                               | BMS Reset                                                                         |
|  |  |                                                                                   |
| ETC Reset                                                                         | Tool Setup                                                                        |                                                                                   |

| Select Vehicle Brand |
|----------------------|
| Last Test Record     |
| For Hyundai Diagnose |
| For KIA Diagnose     |

|     |
|-----|
| 1/3 |
|-----|

| Manual Select |
|---------------|
| General Area  |
| USA Area      |

| Manual Select       |
|---------------------|
| Accent(HC)          |
| Accent(HC)-U.S.     |
| Accent/Verna(HCI)   |
| Accent(LC)          |
| Accent(MC)          |
| Accent(RB)          |
| Accent/Solaris(RBr) |

| Manual Select |
|---------------|
| 2011          |
| 2010          |
| 2009          |
| 2008          |
| 2007          |
| 2006          |
|               |
| 1/6           |

| Manual Select |
|---------------|
| G 1.6 DOHC    |
| G 1.4 DOHC    |
| D 1.5 TCI-U   |
|               |
| 1/3           |

| Manual Select    |
|------------------|
| Health Report    |
| Control Units    |
| Special Function |
|                  |
| 1/3              |

2.1.1 Apăsați butonul [OK] pentru a continua, apăsați butonul [Health Report], imaginile sunt după cum urmează:

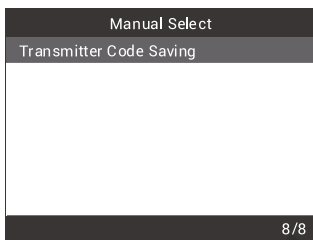
| Scanning ... [58%]           |   |
|------------------------------|---|
| ECM(Engine Control Module... | 1 |
| ECM(Engine Control Module... | 1 |
| ECM(Engine Control Module... | 1 |
| ECM(Engine Control Module... | 1 |
| Anti-Lock Brake(MGH-25)      |   |
|                              |   |
| 5/5                          |   |

| Select System                |    |
|------------------------------|----|
| Clear All DTC                |    |
| ECM(Engine Control Module... | 1  |
| ECM(Engine Control Module... | 1  |
| ECM(Engine Control Module... | 1  |
| ECM(Engine Control Module... | 1  |
| IMM (Immobilizer)            | OK |
|                              |    |
| 1/6                          |    |

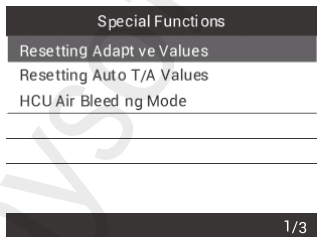
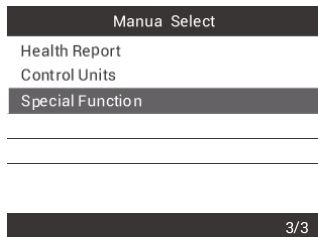
Apăsați [Control Units], se va afișa după cum urmează:

| Manual Select    |
|------------------|
| Health Report    |
| Control Units    |
| Special Function |
|                  |
| 2/3              |

| Manual Select                     |
|-----------------------------------|
| ECM (Engine Control Module)       |
| TCM (Transmission Control Mo...   |
| ABS (Anti-lock Braking System)    |
| SRS (Supplemental Inflatable R... |
| AC (Air Cond t oning)             |
| EPS (Electronic Power Steering)   |
| IMM (Immobilizer)                 |
| 1/8                               |



Apăsați butonul [Special Functions] pentru a afișa următoarele:



Notă: Funcțiile speciale acceptate de diferite modele variază.

## 2.2 Funcții speciale **Special Functions**

Funcțiile speciale utilizate în mod obișnuit sunt următoarele:

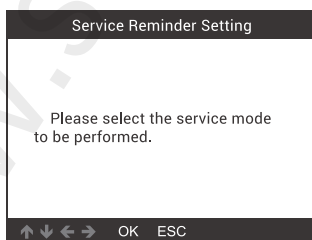
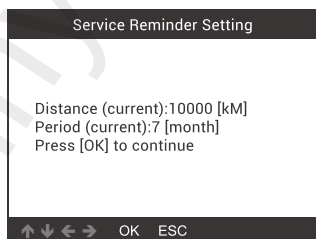
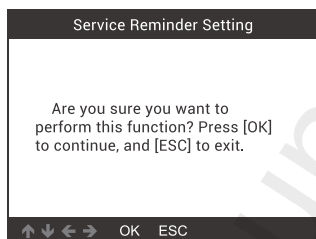
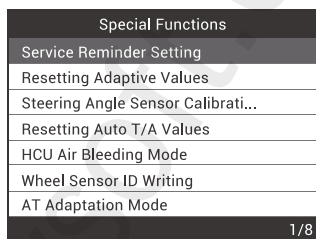
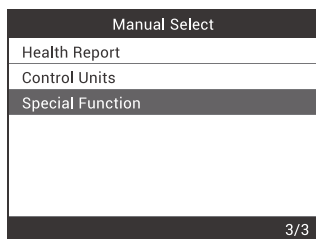
- ETC reset
  - Resetarea ETC
- EPB Replace Brake Pad
  - Înlocuirea frânei sistemului de garnituri EPB
- Gearbox adaptation
  - Modificarea cutiei de viteze
- SAS
- Oil reset
  - Resetarea uleiului
- TPMS reset
  - Resetarea TPMS
- IQA
- BMS reset
  - Resetarea sistemului BMS
- EGR reset
  - Resetarea EGR
- ABS

Mai jos vom selecta două dintre caracteristicile speciale și le vom explica în detaliu.

## 2.2.1 Setarea serviciului de reamintire

## Service Reminder Setting

Apăsați butonul [Special Functions] și defilați la [Service Reminder Settings]. Urmăriți instrucțiunile de pe interfață pentru a finaliza setările de reamintire a serviciului. Pașii specifici sunt după cum urmează:



Apăsați [OK] pentru a continua, [ESC] pentru a ieși.

-Îl puteți introduce manual sau puteți selecta resetarea directă [Customize] pentru a personaliza numărul de kilometri și periodicitatea [Reset] pentru resetarea directă. Selectați [Customize]  
A-[10000km].[30000km].[60000km] este o intrare scurtată.

| Service Reminder Setting |
|--------------------------|
| Customize                |
| Reset                    |
|                          |
|                          |
|                          |

1/2

| Service Reminder Setting |
|--------------------------|
| Set distance             |
| Set period               |
|                          |
|                          |
|                          |

1/2

| Set distance |
|--------------|
| 10000km      |
| 30000km      |
| 60000km      |
| Manua input  |
|              |
|              |
|              |

1/4

B-[Manual Input] este pentru intrări personalizate

| Set distance |
|--------------|
| 10000km      |
| 30000km      |
| 60000km      |
| Manual input |
|              |
|              |

4/4

| Set distance                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Enter distance 0-99999:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| <table border="1"> <tbody> <tr> <td>1</td><td>2</td><td>3</td><td>4</td><td>5</td><td>A</td><td>B</td><td>C</td><td>D</td><td>E</td><td>F</td><td>G</td><td>H</td><td>I</td><td>↩</td> </tr> <tr> <td>6</td><td>7</td><td>8</td><td>9</td><td>0</td><td>J</td><td>K</td><td>L</td><td>M</td><td>N</td><td>O</td><td>P</td><td>Q</td><td>R</td><td>↩</td> </tr> <tr> <td>.</td><td>+</td><td>-</td><td>*</td><td>/</td><td>S</td><td>T</td><td>U</td><td>V</td><td>W</td><td>X</td><td>Y</td><td>Z</td><td>↩</td><td>↩</td> </tr> </tbody> </table> | 1 | 2 | 3 | 4 | 5 | A | B | C | D | E | F | G | H | I | ↩ | 6 | 7 | 8 | 9 | 0 | J | K | L | M | N | O | P | Q | R | ↩ | . | + | - | * | / | S | T | U | V | W | X | Y | Z | ↩ | ↩ |
| 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 2 | 3 | 4 | 5 | A | B | C | D | E | F | G | H | I | ↩ |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 7 | 8 | 9 | 0 | J | K | L | M | N | O | P | Q | R | ↩ |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| .                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | + | - | * | / | S | T | U | V | W | X | Y | Z | ↩ | ↩ |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| ↩:Next Step      I/M:Scroll Text                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |

## Set distance

The Service Reminder Setting of Distance has been completed, Please Press [OK] Button to Set period.

↑ ↓ ← → OK ESC

Apăsați butonul [OK] pentru a seta perioada.

A- [6 luni]. [12 luni]. [18 luni] este o intrare abreviată

| Set distance |
|--------------|
| 6month       |
| 12month      |
| 18month      |
| Manual input |

1/4

B-[Manual Input] este pentru intrări personalizate

| Set distance |
|--------------|
| 6month       |
| 12month      |
| 18month      |
| Manual input |

4/4

| Set distance |
|--------------|
| 6            |

Enter period 0-99:

|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | A | B | C | D | E | F | G | H | I | ☒ |
| 6 | 7 | 8 | 9 | 0 | J | K | L | M | N | O | P | Q | R | ☒ |
| . | + | - | * | / | S | T | U | V | W | X | Y | Z | ☒ | ☒ |

←:Next Step I/M:Scroll Text

Personalizarea kilometrajului și a periodicității este completă.

Set period

The function is complete

↑ ↓ ← → OK ESC

[Reset] pentru resetare directă

Service Reminder Setting

Customize

Reset

Service Reminder Setting

Are you sure you want to  
perform this function? Press [OK]  
to continue, and [ESC] to exit.

2/2

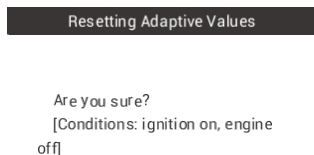
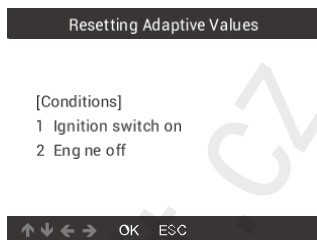
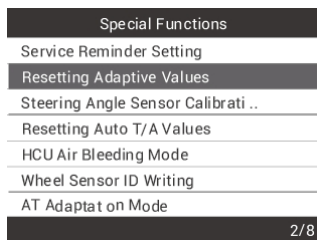
↑ ↓ ← → OK ESC

Reluarea întreținerii a fost finalizată.

Notă: **Textul** de mai sus **este conținutul principal al articolului Resetare lampă de service ulei;**  
urmați instrucțiunile de mai sus.

## 2.2.2 Restaurarea valorilor adaptive Resetting Adaptive Values

Apăsați butonul [Special Functions] și defilați la [Resetting Adaptive Values] Urmăriți instrucțiunile de pe interfață pentru a finaliza resetarea valorilor adaptive. Pașii specifici sunt prezentați în figura de mai jos:



Notă: Funcțiile speciale ale fiecărui model variază în funcție de funcționarea reală.

### 3 Sistem OBDII **OBDII System**

#### 3.1 Citiți codurile **Read Codes**

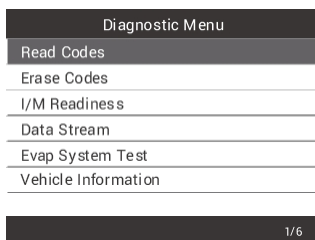
Codurile stocate sunt cunoscute și sub denumirea de "coduri dure" sau "coduri permanente". Aceste coduri fac ca lampa indicatoare de defecțiune (MIL) din modulul de control să se aprindă atunci când apare o defecțiune legată de emisii.

Codurile în așteptare sunt denumite și "coduri de maturizare" sau "coduri de monitorizare continuă".

Indică o problemă pe care modulul de control a detectat-o în timpul ciclului de acționare curent sau al ultimului ciclu de acționare, dar care nu este considerată a fi gravă.

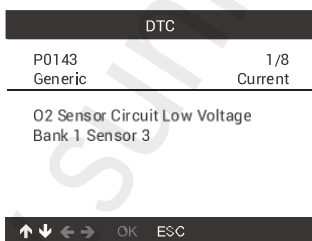
Dacă nu apare nicio defecțiune în timpul următorului ciclu de încălzire, lumina de defecțiune nu se va aprinde și codurile vor fi șterse din memorie.

1) Utilizați butonul de derulare în sus/jos pentru a selecta Citire cod din meniul de diagnosticare și apăsați butonul [OK].



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

2) Afișați DTC-urile și definițiile acestora pe ecran.

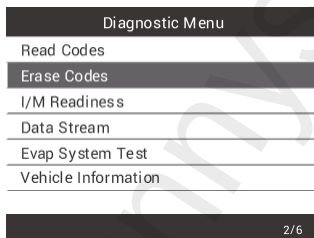


În colțul din dreapta sus al ecranului se afișează numărul modulului de control, secvența DTC, numărul total de coduri detectate și tipul de cod (generic sau specific producătorului).

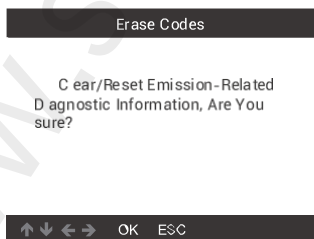
### 3.2 Ștergerea codurilor **Erase Codes**

Observații: această funcție este efectuată atunci când motorul este oprit. Nu porniți motorul. Asigurați-vă că ați citit și înregistrat codurile de eroare înainte de a efectua această funcție. După ștergere, trebuie să reîncărcați codurile de eroare sau să porniți contactul și să reîncărcați codurile. Dacă mai există unele coduri de eroare pentru defecțiuni grave, aflați mai întâi cauza care a generat codul de eroare și apoi remediați problema. Codurile de defecțiune pot fi acum șterse.

1) Utilizați butoanele de derulare în sus/jos pentru a selecta Clear Codes din meniul de diagnosticare și apăsați butonul [OK].



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



### 3) Apăsați butonul [OK] pentru a confirma.

#### Erase Codes

Please Turn Ignition ON with Engine Off, Press OK key to continue!

↑ ↓ ← → OK ESC

#### Erase Codes

Emission-Related Diagnostic Information has been cleared!

↑ ↓ ← → OK ESC

## 3.3 Pregătire pentru I / M **I/M Readiness**

I/M se referă la controlul și întreținerea impuse de guvern pentru a respecta standardele de stat privind aerul curat.

I/M Readiness indică dacă există sau nu diferite sistemele legate de emisii ale vehiculului funcționează corect și sunt pregătite pentru inspecție și întreținere. Funcția I/M Readiness Monitor poate fi, de asemenea, utilizată (după repararea unei defecțiuni) pentru a confirma că reparația a fost efectuată corect și/sau pentru a verifica starea de funcționare a monitorului.

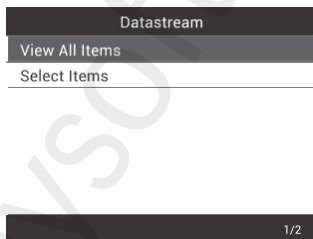
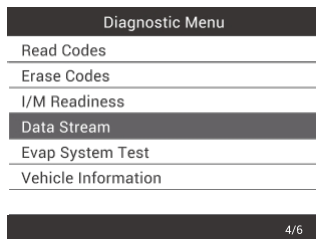
| Diagnostic Menu      |
|----------------------|
| Read Codes           |
| Erase Codes          |
| <b>I/M Readiness</b> |
| Data Stream          |
| Evap System Test     |
| Vehicle Information  |
| 3/6                  |

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

### 3.4 Fluxul de date **Data Stream**

Instrumentul de scanare OBDII este un instrument special de diagnosticare care comunică cu computerul vehiculului. Instrumentul de scanare vă permite să vizualizați date "live" în timp real. Aceste informații includ citiri (volți, turație, temperatură, viteză etc.) și informații privind starea sistemului (buclă deschisă, buclă închisă, starea sistemului de alimentare etc.) generate de diverși senzori, comutatoare și actuatori de pe vehicul.

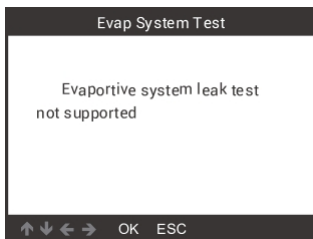
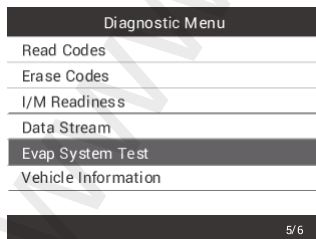
Apăsați butonul OK



### 3.5 Test de scurgere a evaporatorului **Evap Leak Test**

Această funcție vă permite să setați condițiile necesare pentru a efectua un test de etanșeitate a evaporatorului, dar nu efectuează efectiv testul. Este responsabilitatea producătorului vehiculului să stabilească criteriile pentru oprirea automată a testului.

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



### 3.6 Informații privind vehiculul **Vehicle Information**

Selectați [Vehicle Information] și apăsați [OK], ecranul va afișa formațiuni precum VIN (Numărul de identificare a vehiculului), CID (ID calibrare) și CVN (Numărul de verificare a calibrării).

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

| Vehicle Information                                      |
|----------------------------------------------------------|
| Vehicle Identification Number(VIN):<br>LVSFBFAC94F020950 |
| Calibration Identifications(CID):<br>000007550753        |
| Calibration Verification Numbers(CVN):<br>B5073064       |
| ↑ ↓ ← → OK ESC                                           |

## 4. Setări scule **ToolSetup**

### 4.1 Limba **Language**

Selectați [Language] pentru a afișa următoarele:

| Tool Setup                       |
|----------------------------------|
| Language                         |
| Beeper                           |
| Instructions(Display at startup) |
| Unit of Measure                  |
| Skin Style                       |
| Device Information               |
| 1/6                              |

| Language  |
|-----------|
| English   |
| Deutsch   |
| Français  |
| Español   |
| Italiano  |
| Русский   |
| Português |
| 1/13      |

## 4.2 B i p **Beeper**

Selecțați [Beeper] și vor apărea următoarele:

| Tool Setup                       |
|----------------------------------|
| Language                         |
| <b>Beeper</b>                    |
| Instructions(Display at startup) |
| Unit of Measure                  |
| Skin Style                       |
| Device Information               |
| 2/6                              |

| Beeper |
|--------|
| OFF    |
| ON     |
|        |
|        |
|        |
|        |
| 1/2    |

## 4.3 Instrucțiuni (afișate la pornire) **Instructions(Display at startup)**

Selecțați [Instructions(Display at startup)] Instrucțiuni (Afișare la pornire) și vor fi afișate următoarele:

| Tool Setup                              |
|-----------------------------------------|
| Language                                |
| Beeper                                  |
| <b>Instructions(Display at startup)</b> |
| Unit of Measure                         |
| Skin Style                              |
| Device Information                      |
| 3/6                                     |

| Instructions(Display at startup) |
|----------------------------------|
| OFF                              |
| ON                               |
|                                  |
|                                  |
|                                  |
|                                  |
|                                  |
| 1/2                              |

## 4.4 Unitatea de măsură Unit of measure

Selecționați [Unit of measure] și vor fi afișate următoarele:

| Tool Setup                       |
|----------------------------------|
| Language                         |
| Beeper                           |
| Instructions(Display at startup) |
| <b>Unit of Measure</b>           |
| Skin Style                       |
| Device Information               |

4/6

| Unit of measure |
|-----------------|
| <b>Metric</b>   |
| Imperial        |
|                 |
|                 |
|                 |
|                 |

1/2

## 4.5 Stilul de apariție Skin Style

Selecționați [Skin style] și vor fi afișate următoarele:

| Tool Setup                       |
|----------------------------------|
| Language                         |
| Beeper                           |
| Instructions(Display at startup) |
| Unit of Measure                  |
| <b>Skin Style</b>                |
| Device Information               |

5/6

| Skin Style      |
|-----------------|
| <b>Sky Gray</b> |
| Gem Blue        |
|                 |
|                 |
|                 |
|                 |

1/2

## 4.6 Informații despre dispozitiv Device information

Selecționați [Device Information] (Informații despre dispozitiv) și vor fi afișate următoarele:

| Tool Setup                       |
|----------------------------------|
| Language                         |
| Beeper                           |
| Instructions(Display at startup) |
| Unit of Measure                  |
| Skin Style                       |
| <b>Device Information</b>        |

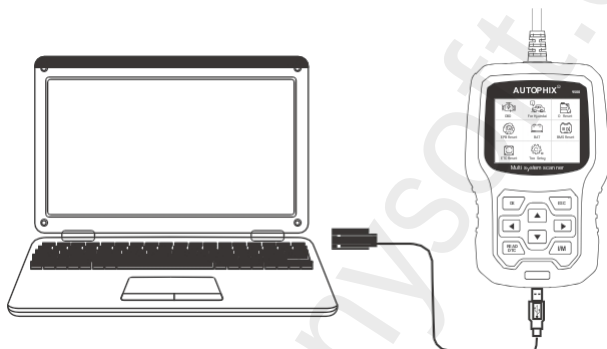
6/6

| Device Information |                        |
|--------------------|------------------------|
| Software Version:  | 01.62.000              |
| Hardware Version:  | 01.10.000              |
| Serial Number:     | Autophix20180300000001 |

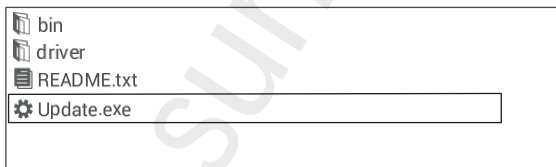
↑ ↓ ← → OK ESC

## 5 Feedback și actualizări

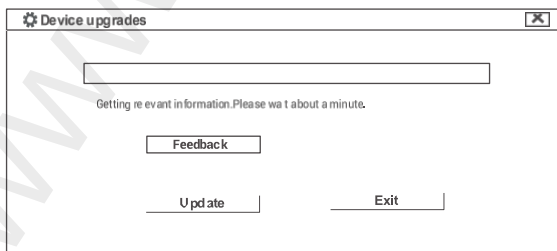
Dacă sunteți în proces de testare, ceva nu este în regulă cu testarea, trimiteți un document cu feedback. Vă rugăm să descărcați fișierul de actualizare pe computer de pe site-ul AUTOPHIX. Dispozitivul este conectat la computer prin cablu USB.

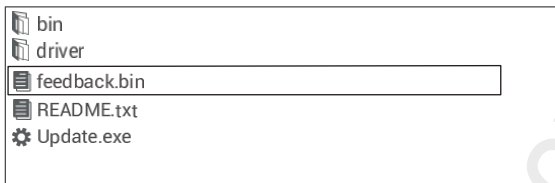


Selectați fișierul "Actualizare" și vor fi afișate următoarele:



Faceți clic pe "Feedback" și vor apărea următoarele:





Vă rugăm să trimiteți fișierul feedback.bin la [support@autophix.com](mailto:support@autophix.com).

Dacă trebuie să faceți upgrade, trebuie să acordați atenție următoarelor:

1) La actualizarea software-ului, dispozitivul acceptă numai Windows 7/8/10/11.

2) Acesta poate fi actualizat direct în Windows 8 și Windows 10/11 sistem.

3) Dacă computerul dvs. rulează Windows 7, acesta este are instalat un driver de dispozitiv software.

Observație:

Software-ul de actualizare este acceptat numai de Windows 7/8/10/11, dar nu este acceptat de Windows XP și macOS. Dacă **nu înțelegeți** pașii de actualizare din instrucțiuni, vă rugăm să ne contactați.

## . Proceduri de service

Dacă aveți întrebări, vă rugăm să contactați magazinul local, distribuitorul sau vizitați site-ul nostru [www.autophix.com](http://www.autophix.com).

Dacă trebuie să returnați instrumentul de scanare pentru reparații, vă rugăm să contactați

distribuitorul dvs. local pentru informații suplimentare.

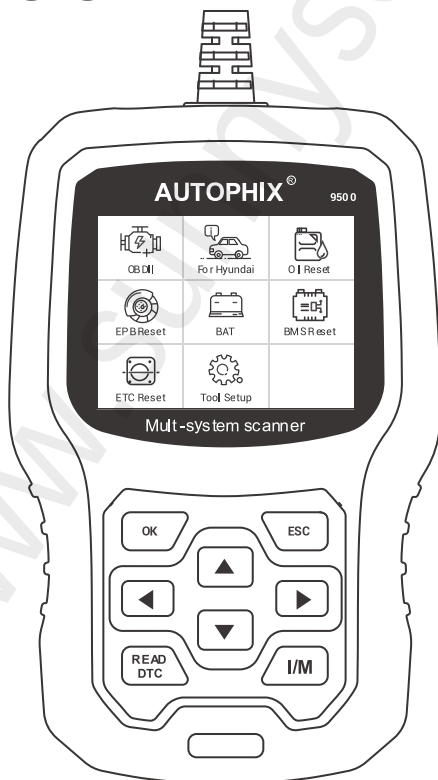
### **Furnizor/Distribuitor**

Sunnysoft s.r.o.  
Kovanecká 2390/1a  
190 00 Praga 9  
Republica Cehă  
[www.sunnysoft.cz](http://www.sunnysoft.cz)

# AUTORHIX<sup>®</sup>

## ИНСТРУКЦИИ ЗА УПОТРЕБА

# 9500



## ЗАБЕЛЕЖКА ЗА БЕЗОПАСНОСТ

За да предотвратите наранявания или повреди по автомобилите и/или инструмента за сканиране, първо прочетете това ръководство и спазвайте поне следните мерки за безопасност, когато работите по автомобил:

Винаги тествайте автомобилите в безопасна среда. Не се опитвайте да работите или да наблюдавате инструмента по време на шофиране. Работата или наблюдението на инструмента разсейва водача и може да доведе до фатален инцидент.

Носете предпазни средства за очите, които отговарят на стандартите на ANSI. Работете с автомобила в добре проветрена работна зона: отработените газове са токсични.

Поставете скоростната кутия на PARK (за автоматична скоростна кутия) или NEUTRAL (за ръчна скоростна кутия) и проверете дали спирачката за паркиране е задействана.

Съхранявайте инструмента за сканиране сух, чист, без масло/вода или грес. Ако е необходимо, почистете външната страна на инструмента за сканиране с мек почистващ препарат върху чиста кърпа.

Съвети: когато използвате продукта, включете го към автомобила, преди да го запалите.

## ЗА 9500

### 1. Покритие

1) 9500 работи с повечето американски, европейски и азиатски автомобили с OBDII след 996.

#### 2) 1999-2021 Hyundai

Поддържа повечето автомобили Hyundai с 12V OBD16PIN интерфейс.

Например, Accent(HC). Accent(HC)-U.S. Accent/Verna(HCI)  
 Accent(LC). Accent(MC). Accent(RB) Accent/Solaris(RBr).  
 Accent/Solaris(HCR). Atos Prime(MXL). Atos(MX).

Atos(MXI)-PDF. Creta(GS). Creta(GSB). Creta(GSR). Creta(SU2I).  
 Centennial(LZ). Equus/Centennial(VI). Elantra Coupe(JK). Elantra(AD).  
 Elantra(ADA). Elantra(ADI).  
 Elantra(CN7). Elantra(HD). Elantra(MD). Elantra(MDI). Elantra(UD).  
 Elantra(XD). Eon(HA). G70(IK). G70(IK)-U.S.  
 G80(DH). G80(DH)-U.S. G80(RG3). GV80(JXI). G90(HI).  
 G90(HI)-U.S. Genesis Coupe(BK). Genesis Coupe(BK)  
 US)-U.S. Genesis(BH). Genesis(BH US)-U.S. Genesis(DH) Getz(TB).  
 Grand il 0 Nios/Aura(AI3). Grand il 0/Xcent(BA) Grand Santafe(NC).  
 Grandeur(XG). Grandeur/Azera(HG).  
 Grandeur/Azera(IG). Grandeur/Azera(TG). H-I Truck(SR). H-I (AI). H-  
 I/iMAX/iLOAD(TQ)- H-100 TRUCK(HR)- H350(EU). HB20(HB).  
 HB20(BR2). HD Coupe(GK). i10(IA). il 0(PA). i10(AC3). i20(GB)-  
 i20(IB)- i20(PB)- i20(BC3). i30(FDe). i30(GD). i 3 0 (GDe). i30(PD).  
 i30(PDE). i30N(PDEN). i30/Elantra Neos(FD). i40(VF). IONIQ  
 Electric(AE EV). IONIQ Hybrid(AE HEV). IONIQ Phev(AE PHEV). ix20(JC). ix35  
 FCEV(LM FCEV). ix35(EL). Kona(OS). Kona  
 Kona Electric(OS EV). Kona Electric(OM EV). Kona Electric(OSi EV). Kona  
 Hybrid(OS HEV). Matrix(FC). Nexso(FE).  
 Paisade(LX2). Reina(CB). Santafe(TM). Santafe(TMA). Santro(AH2).  
 Santafe Sport(DMA). Santafe(CM).  
 Santafe(DM). Santafe(DMI). Santafe(SM). Sonata Hybrid(LF HEV). Sonata  
 Hybrid(LF HEV)-CAЩ Sonata Hybrid(YF HEV). Sonata Hybrid(YF HEV)-  
 CAЩ Sonata Hybrid(YF HEV US)-CAЩ.  
 Sonata(DN8). Sonata Hybrid(DN8 HEV). Sonata(DN8A)-за Мексико.  
 Sonata(EF). Sonata(LF). Sonata(LFA). Sonata(NF)  
 Sonata(YFI). Sonata(YFA)-U.S. Sonata/i45(YF).  
 Terracan(HP). Trajet XG(FO). Tucson FFV(JM FFV).  
 Tucson(JM). Tucson(LM)-BRAZIL. Tucson/ix35(LM). Tucson(TL).  
 Tucson(TLe). Tucson(TLI). Veracruz/ix55(BG). Verna(RBI).  
 Veloster N(JSN).  
 Veloster(JS). Venue(QX). Място(QXI). Акцент(HC). Акцент(RB).  
 Акцент(MC). Акцент(LC). Azera(HG). Azera(TG)  
 Elantra(AD). Elantra(ADA). Elantra GT(PD). Elantra(MD).

Elantra(UD) Elantra(HD). Elantra(XD) Elantra Coupe(JK).  
 Elantra GT(G D) Elantra Touring(FD) Entourage(EP)  
 Equus(VI). G80(DH) G80(RG3) GV80(JX1) G90(HI)  
 G70(IK) Genesis(BH) Genesis(DH) Genesis Coupe(BK).  
 IONIQ Electric(AE EV) IONIQ Hybrid(AE HEV) IONIQ Plug-in Hybrid(AE  
 PHEV) Kona(OS) Kona Electric(OS EV). Nexso(FE)  
 Palisade(LX2). santafe(TMA) santafe(NC) Santafe(CM)  
 Santafe(SM) Santafe Sport(DMA) Sonata Hev(LF HEV}  
 Sonata Phev(LF PHEV) Sonata(LFA) Sonata(YFA) Sonata(NF)  
 Sonata(EF). Sonata Hybrid(YF HEV). Sonata  
 Hybrid(DN8 HEV) Sonata(DN8A) Tucson Fcev(LM FCEV).  
 Tucson(TL). Tiburon(GK) Tucson(LM). Tucson(JM).  
 Veloster(FS) Veloster N(JSN) Veloster(JS) Venue(QX)  
 Veracruz(EN) XG(XG).

### 3) 2000-2021 KIA

Поддържа повечето автомобили KIA с OBDI 6PIN 12V  
 интерфейс. Например Besta (TP). Cadenza (VG). Cadenza (YG).  
 Carens(FJ) Carens(UN) Carens/Rondo(RP)  
 Carnival/Sedona(GQ). Carnival/Sedona(VQ).  
 Carnival/Sedona(YP) Carnival (YP) - Израел Carnival(YPi)  
 Cee'd(ED) Cee'd(JD). Cee'd(CD) Ceed PHEV(CD  
 PHEV) Ceed(CD) - ProCeed (Shooting Brake) Ceed(CD) - Sportswagon.  
 Cerato/Forte(BD) Cerato/Forte(BDm) Cerato(LD)  
 Cerato/Forte(TD) Cerato/Forte(YD).  
 Cerato/Forte(YDm) K900(RJ) K2500/K2700/K3000/K3000S(PU). K5  
 HEV(DL3 HEV). K5  
 (DL3) Moh ave/Borrego(HM) Niro(DE HEV) Niro(DE HEV) -3a  
 Мексико Niro(DE EV) Niro(DE PHEV} Niro(DE PHEV)-за Мексико.  
 Opirus(G H) Optim a HEV(JF HEV) Optim a PHEV(JF PHEV).  
 Optima(JF) Optima(JFA) - 3a Централна и Южна Америка  
 Optima(QF) - 3a Централна и Южна Америка Optima  
 HEV(TF HEV} Optima(TF)  
 Optim a/Magentis(MG) Optima/Magentis(MS) Pegas/Sol uto (AB)  
 Picanto(SA) Picanto(TA) Picanto/Morning(JA).

Pregio(FP). Quoris(KH). RIO(BC). RIO(JB). RIO(QBR).  
 RIO(UB)- RIO(FB). RIO(SC). RIO(YB). Seltos(SP2).  
 Seltos(SP2i). Sephia(FBI 2). Shuma/Spectra(SD). Sorento(BL).  
 Sorento(UM). Sorento(XM). Sorento(UMA)-за Централна и Южна  
 Америка. Sorento(XMA)-за Централна и Южна Америка.  
 Soul EV(SK3 EV). Soul EV(SK3 EV)-за Мексико. Soul(SK3).  
 Soul(SK3)-за Мексико. Soul(SK3A). Soul EV(PS EV).  
 Soul(AM). Soul(PS). Soul(PS) - за Мексико. Sportage(KM).  
 Sportage(SL). Sportage(SLE). Sportage(QL)

Sportage(QL)-за Мексико. Sportage(QLE). Sportage(QLE)-за  
 Мексико. Stinger(CK). Stonic(YB CUV). Telluride(ON).  
 Telluride(ON)-за Мексико. Venga(YN). XCeed PHEV(CD CUV  
 PHEV). XCeed(CD CUV). Amanti(GH).

Borrego(HM). Cadenza(VG). Cadenza(YG). Forte(BDm).  
 Forte(YD). Forte(YDm). Forte/Forte Koup(TD). Forte(BD).  
 K5(DL3A). K900(RJ). K900(KH). Niro(DE EV). Niro(DE HEV)

Niro(DE PHEV). Optima Hybrid (JF HEV). Optima Hybrid (TF HEV). Optima  
 PHEV(JF PHEV). Optima(JF). Optima(JFA).

Optima(MG). Optima(MS). Optima(TF/QF). RIO(BC). RIO(JB).  
 RIO(SC). RIO(UB). Rondo(UN). Sedona(GQ).

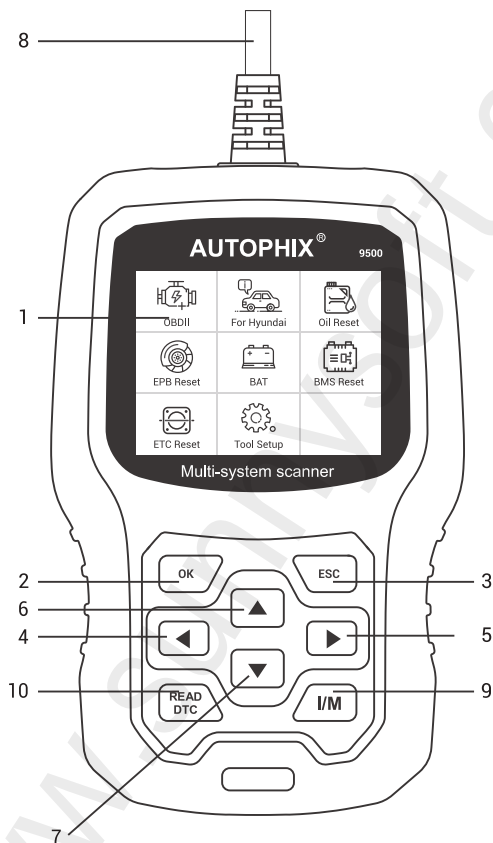
Sedona(VQ). Sedona(YP). Sephia(FB). Sorento(BL). Sorento(UMA).  
 Sorento(XM). Seltos(SP2). Soul EV (PS EV)

Soul EV(SK3 EV). Soul(AM). Soul(PS). Soul(SK3).  
 Spectra(LD). Spectra(SD). Sportage(AL). Sportage(KM). Sportage(QL).  
 Sportage(SL). Stinger(CK). Telluride(ON).

## 2. Спецификации на продукта

- 2,8" LCD дисплей, 320 X 240 пиксела
- Работно напрежение: 8V~18V
- Работна температура: 0 - 60 °C (32 - 140 °F)
- Температура на съхранение: -20 - 70 °C (-4 - 158 °F)

### 3. Външен вид и описание на бутоните



1. LCD ДИСПЛЕЙ - показва резултатите от теста. Дисплей със задно осветяване и резолюция 320 x 240 пиксела.
2. БУТОН [OK] - Потвърждава избора (или действието) от менюто.
3. [ESC] - Отменя избора (или действието) в менюто или връща в менюто.

4. **БУТОН ЗА ПРЕМИНАВАНЕ [ЛЯВО]** - В режим на меню, придвижвайте се наляво през менютата и подменютата, докато навигирате през интерфейса за данни, използвайте левия бутон, за да преминете към последния екран.
5. **БУТОН ЗА ПРЕМИНАВАНЕ [ДЯСНО]** - в режим на меню се движите надясно през елементите на менюто и подменютата, когато навигирате в интерфейса за данни, можете да използвате десния бутон, за да преминете към следващия екран.
6. **Бутон SCROLL [UP]** (Превъртане нагоре) - в режим на меню, превъртане нагоре през елементите на менюто и подменютата. При зареждане на данни за повече от един екран се придвижва нагоре към предишния екран за допълнителни данни.
7. **БУТОН ЗА ПРЕМИНАВАНЕ [НАДОЛУ]** - в режим на менюто се премества надолу в менюто и подменютата. При зареждане на данни от повече от един екран се придвижва надолу към следващия екран за допълнителни данни.
8. **OBD-16PIN CONNECTOR** - Свързва инструмента за сканиране с конектора за връзка с данни (DLC) на автомобила.
9. **БУТОН [I/M]** - бърза проверка на готовността за емисии и проверка на цикъла на шофиране.
10. **Бутон [READ DTC]** - Бързо прочитане на кодовете за неизправности на автомобила.

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

#### Бележки:

MIL жълт - MIL ON

MIL сив - MIL OFF

⊘ не се поддържа от

✓ Завършен

✗ Незавършен

## ИНСТРУКЦИИ ЗА УПОТРЕБА

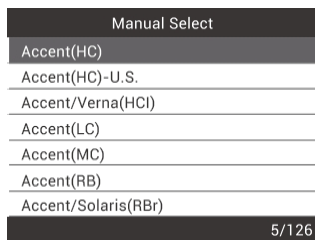
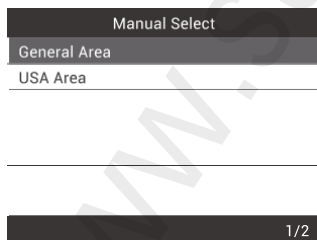
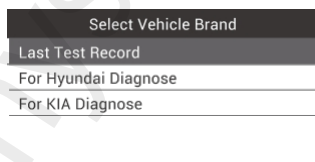
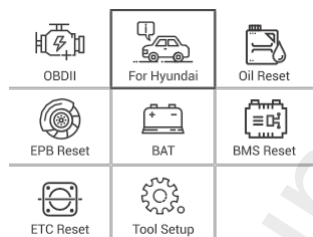
**1. Връзка 9500**

1.1 Включете запалването.

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

**2 Функции 9500****2.1 За Hyundai KIA**

Този продукт тества основно марките Hyundai и KIA. Изберете [За Hyundai KIA], за да видите следното:



| Manual Select |  |
|---------------|--|
| 2011          |  |
| 2010          |  |
| 2009          |  |
| 2008          |  |
| 2007          |  |
| 2006          |  |
|               |  |
| 1/6           |  |

| Manual Select |  |
|---------------|--|
| G 1.6 DOHC    |  |
| G 1.4 DOHC    |  |
| D 1.5 TCI-U   |  |
|               |  |
| 1/3           |  |

| Manual Select    |  |
|------------------|--|
| Health Report    |  |
| Control Units    |  |
| Special Function |  |
|                  |  |
| 1/3              |  |

2.1.1 Натиснете бутона [OK], за да продължите, натиснете бутона [Health Report], снимките са следните:

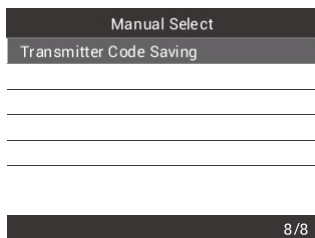
| Scanning ... [58%]           |   |
|------------------------------|---|
| ECM(Engine Control Module... | 1 |
| ECM(Engine Control Module... | 1 |
| ECM(Engine Control Module... | 1 |
| ECM(Engine Control Module... | 1 |
| Anti-Lock Brake(MGH-25)      |   |
|                              |   |
| 5/5                          |   |

| Select System                |    |
|------------------------------|----|
| Clear All DTC                |    |
| ECM(Engine Control Module... | 1  |
| ECM(Engine Control Module... | 1  |
| ECM(Engine Control Module... | 1  |
| ECM(Engine Control Module... | 1  |
| IMM (Immobilizer)            | OK |
|                              |    |
| 1/6                          |    |

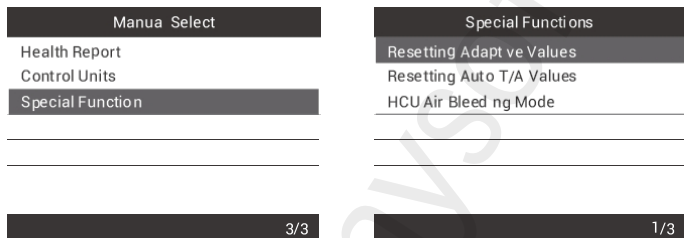
Натиснете бутона [Control Units], той ще се покаже:

| Manual Select    |  |
|------------------|--|
| Health Report    |  |
| Control Units    |  |
| Special Function |  |
|                  |  |
| 2/3              |  |

| Manual Select                     |  |
|-----------------------------------|--|
| ECM (Engine Control Module)       |  |
| TCM (Transmission Control Mo...   |  |
| ABS (Anti-lock Braking System)    |  |
| SRS (Supplemental Inflatable R... |  |
| AC (Air Conditioning)             |  |
| EPS (Electronic Power Steering)   |  |
| IMM (Immobilizer)                 |  |
| 1/8                               |  |



Натиснете бутона [Special Functions], за да се покаже следното:



Забележка: Специалните функции, поддържани от различните модели, се различават.

## 2.2 Специални функции

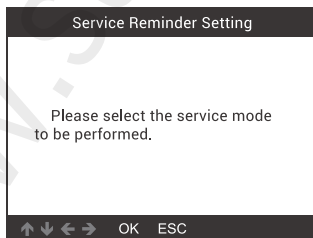
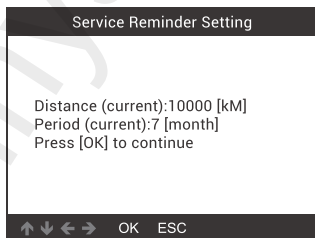
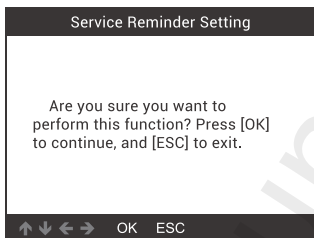
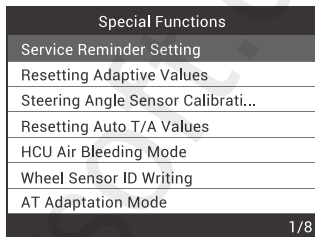
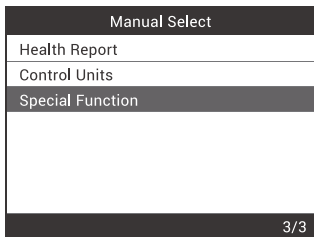
Често използваните специални функции са следните:

- ETC reset
  - ° Нулиране на ETC
- EPB Replace Brake Pad
  - ° Смяна на спирачката на системата за накладки
- SAS
  - ° Модификация на скоростната кутия
- Oil reset
  - ° Възстановяване на маслото
- TPMS reset
  - ° Възстановяване на TPMS
- IQA
- BMS reset
  - ° Нулиране на системата BMS
- EGR reset
  - ° Нулиране на EGR
- ABS

По-долу ще изберам две от специалните функции и ще ги обясним подробно.

## 2.2.1 Настройване на напомняне за обслужване

Натиснете бутона [Special Functions] и превъртете до [ServiceReminder Settings]. Следвайте инструкциите в интерфейса, за да завършите настройките на напомнянето за сервиз. Конкретните стъпки са следните:



Натиснете [OK], за да продължите, или [ESC], за да излезете.

-Можете да го въведете ръчно или да изберете директно нулиране [Customize] за персонализиране на броя на километрите и периодичността [Reset] за директно нулиране.Изберете [Customize] A-[10000km]. [30000km]. [60000km] е съкратен вход.

| Service Reminder Setting |
|--------------------------|
| Customize                |
| Reset                    |
|                          |
|                          |
|                          |
|                          |

1/2

| Service Reminder Setting |
|--------------------------|
| Set distance             |
| Set period               |
|                          |
|                          |
|                          |
|                          |

1/2

| Set distance |
|--------------|
| 10000km      |
| 30000km      |
| 60000km      |
| Manua input  |
|              |
|              |
|              |

1/4

B-[Manual Input] е за потребителски входове

| Set distance |
|--------------|
| 10000km      |
| 30000km      |
| 60000km      |
| Manual input |
|              |
|              |
|              |

4/4

| Set distance |
|--------------|
|              |

Enter distance 0-99999:

|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | A | B | C | D | E | F | G | H | I | ↩ |
| 6 | 7 | 8 | 9 | 0 | J | K | L | M | N | O | P | Q | R | ↩ |
| . | + | - | * | / | S | T | U | V | W | X | Y | Z | ↩ | ↩ |

←:Next Step

I/M:Scroll Text

## Set distance

The Service Reminder Setting of Distance has been completed, Please Press [OK] Button to Set period.

↑ ↓ ← → OK ESC

Натиснете бутона [OK], за да зададете периода.

A- [6 месеца]. [12 месеца]. [18 месеца] е съкратено вписване

| Set distance |
|--------------|
| 6month       |
| 12month      |
| 18month      |
| Manual input |
|              |
|              |

1/4

B-[Manual Input] е за потребителски входиове

| Set distance |
|--------------|
| 6month       |
| 12month      |
| 18month      |
| Manual input |
|              |
|              |

4/4

| Set distance                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Enter period 0-99:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| <table border="1"> <tbody> <tr> <td>1</td><td>2</td><td>3</td><td>4</td><td>5</td><td>A</td><td>B</td><td>C</td><td>D</td><td>E</td><td>F</td><td>G</td><td>H</td><td>I</td><td>↩</td> </tr> <tr> <td>6</td><td>7</td><td>8</td><td>9</td><td>0</td><td>J</td><td>K</td><td>L</td><td>M</td><td>N</td><td>O</td><td>P</td><td>Q</td><td>R</td><td>⏏</td> </tr> <tr> <td>.</td><td>+</td><td>-</td><td>*</td><td>/</td><td>S</td><td>T</td><td>U</td><td>V</td><td>W</td><td>X</td><td>Y</td><td>Z</td><td>↩</td><td>↩</td> </tr> </tbody> </table> | 1 | 2 | 3 | 4 | 5 | A | B | C | D | E | F | G | H | I | ↩ | 6 | 7 | 8 | 9 | 0 | J | K | L | M | N | O | P | Q | R | ⏏ | . | + | - | * | / | S | T | U | V | W | X | Y | Z | ↩ | ↩ |
| 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 2 | 3 | 4 | 5 | A | B | C | D | E | F | G | H | I | ↩ |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 7 | 8 | 9 | 0 | J | K | L | M | N | O | P | Q | R | ⏏ |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| .                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | + | - | * | / | S | T | U | V | W | X | Y | Z | ↩ | ↩ |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| ↩:Next Step I/M:Scroll Text                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |

Възможността за персонализиране на пробег и периодичността е пълна.

Set period

The function is complete

↑ ↓ ← → OK ESC

[Reset] за директно нулиране

Service Reminder Setting

Customize

Reset

Service Reminder Setting

Are you sure you want to perform this function? Press [OK] to continue, and [ESC] to exit.

2/2

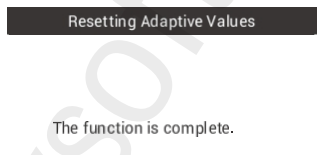
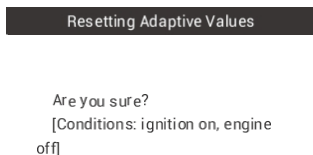
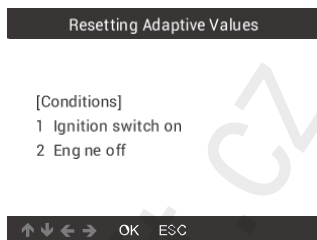
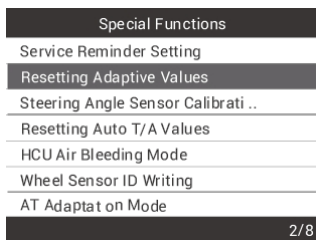
↑ ↓ ← → OK ESC

Възобновяването на поддръжката е завършено.

Забележка: Горепосоченият **текст е основното съдържание на елемента "Нулиране на сервизната лампа за масло"**; следвайте инструкциите по-горе.

## 2.2.2 Възстановяване на адаптивните стойности Resetting Adaptive Values

Натиснете бутона [Special Functions] и превъртете до [Resetting Adaptive Values] Следвайте инструкциите в интерфейса, зада завършите нулирането на адаптивните стойности. Конкретните стъпки са показани на фигурата по-долу:



**Забележка: Специалните функции на всеки модел се различават в зависимост от действителната работа.**

### 3 Система OBDII

#### 3.1 Прочетете кодовете

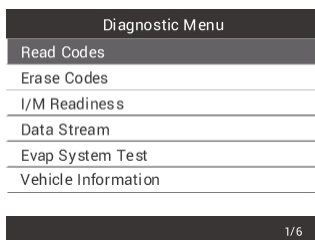
Запаметените кодове са известни още като "твърди кодове" или "постоянни кодове". Тези кодове предизвикват светване на индикаторната лампа за неизправност (MIL) в контролния модул при възникване на неизправност, свързана с емисиите.

Кодовете в очакване се наричат още "кодове на зрелостта" или "кодове за непрекъснато наблюдение".

Показва проблем, който модулът за управление е открил по време на текущия или последния цикъл на задвижване, но не се счита за сериозен.

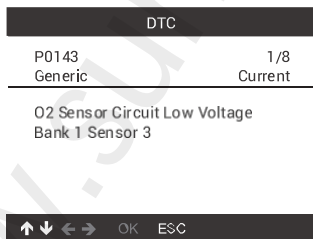
Ако по време на следващия цикъл на загряване не възникне повреда, индикаторът за повреда няма да светне и кодовете ще бъдат изтрети от паметта.

1) Използвайте бутона за превъртане НАГОРЕ/НАДОЛУ, за да изберете Отчитане на код от менюто за диагностика и натиснете бутона [OK].



Ако няма диагностични кодове за неизправности, на дисплея се появява съобщението "No (pending) codes stored in the module!" (Няма (чакащи) кодове, записани в модула). ("В модула не са записани (чакащи) кодове!") Изчакайте няколко секунди или натиснете който и да е бутон, за да се върнете в менюто за диагностика.

2) Покажете DTC и техните дефиниции на екрана.

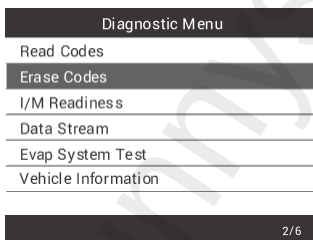


В горния десен ъгъл на дисплея се показват номерът на контролния модул, последователността на DTC, общият брой открити кодове и типът на кода (Generic или Manufacturer specific).

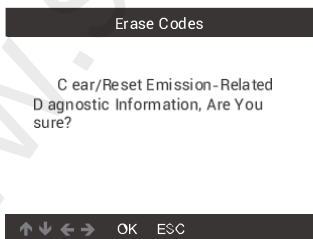
### 3.2 Изтриване на кодове **Erase Codes**

Забележки: тази функция се изпълнява, когато двигателят е изключен. Не стартирайте двигателя. Уверете се, че сте прочели и записали кодовете за грешки, преди да извършите тази функция. След изчистването трябва да заредите отново кодовете за грешки или да включите запалването и да заредите отново кодовете. Ако все още има някои кодове за неизправности за тежки неизправности, първо открийте причината, която е предизвикала кода за неизправност, и след това отстранете проблема. Кодовете за неизправности вече могат да бъдат изчистени.

1) Използвайте бутоните за превъртане НАГОРЕ/НАДОЛУ, за да изберете Clear Codes (Изчистване на кодове) от менюто за диагностика и натиснете бутона [OK].



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



### 3) Натиснете бутона [OK], за да потвърдите.

Erase Codes

Please Turn Ignition ON with  
Engine Off, Press OK key to  
continue!

↑ ↓ ← → OK ESC

Erase Codes

Emission-Related Diagnostic  
Information has been cleared!

↑ ↓ ← → OK ESC

### 3.3 Готовност за I / M I/M Readiness

I/M се отнася до контрола и поддръжката, които са регламентирани от правителството, за да се спазят държавните стандарти за чист въздух.

I/M готовност показва дали има или няма различни системите на автомобила, свързани с емисиите, работят правилно и са готови за проверка и техническо обслужване. Функцията на монитора за готовност за I/M може да се използва също така (след отстраняване на повреда), за да се потвърди, че ремонтът е извършен правилно и/или да се провери състоянието на работа на монитора.

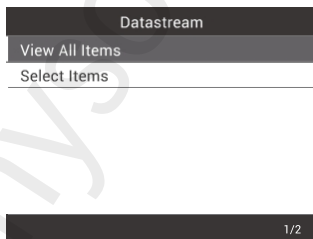
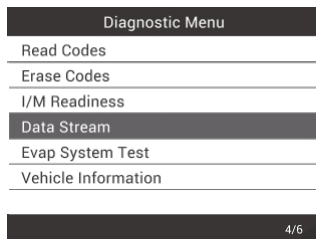
| Diagnostic Menu      |
|----------------------|
| Read Codes           |
| Erase Codes          |
| <b>I/M Readiness</b> |
| Data Stream          |
| Evap System Test     |
| Vehicle Information  |
| 3/6                  |

| I/M Readiness                  |
|--------------------------------|
| <b>Since DTCs Were Cleared</b> |
| This Drive Cycle               |
|                                |
|                                |
|                                |
| 1/2                            |

### 3.4 Поток на данни **Data Stream**

Инструментът за сканиране OBDII е специален диагностичен инструмент, който комуникира с компютъра на автомобила. Инструментът за сканиране ви позволява да преглеждате данни "на живо" в реално време. Тази информация включва показания (волтаж, обороти, температура, скорост и т.н.) и информация за състоянието на системата (отворен цикъл, затворен цикъл, състояние на горивната система и т.н.), генерирани от различни сензори, превключватели и изпълнителни механизми на автомобила.

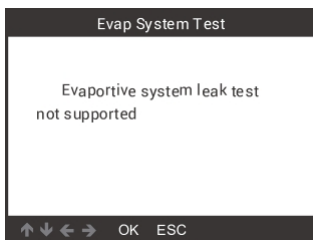
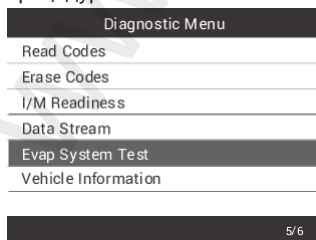
Натиснете бутона OK



### 3.5 Тест за изтичане на и з п а р и т е л я **Evap Leak Test**

Тази функция ви позволява да зададете условията, необходими за извършване на тест за херметичност на изпарителя, но всъщност не извършва теста. Производителят на автомобила е отговорен за задаването на критериите за автоматично спиране на теста.

Преди да извършите тази функция, направете справка в ръководството за обслужване на автомобила за необходимите процедури.



### 3.6 Информация за превозното средство Vehicle Information

Изберете [Vehicle Information] (Информация за превозното средство) и натиснете [OK], на екрана ще се появят формации като VIN (идентификационен номер на превозното средство), CID (идентификационен номер на калибриране) и CVN (номер за проверка на калибрирането).

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

| Vehicle Information                                      |
|----------------------------------------------------------|
| Vehicle Identification Number(VIN):<br>LVSFBFAC94F020950 |
| Cal bration Identifications(CID):<br>000007550753        |
| Cal bration Ver fication Numbers(CVN):<br>B5073064       |
| ↑ ↓ ← → OK ESC                                           |

## 4. Настройки на инструмента ToolSetup

### 4.1 Език Language

Изберете [Language], за да се покаже следното:

| Tool Setup                       |
|----------------------------------|
| Language                         |
| Beeper                           |
| Instructions(Display at startup) |
| Unit of Measure                  |
| Skin Style                       |
| Device Information               |
| 1/6                              |

| Language  |
|-----------|
| Eng ish   |
| Deutsch   |
| Français  |
| Español   |
| Italiano  |
| Русский   |
| Português |
| 1/13      |

## 4.2 П и у к а н е **Beeper**

Изберете [Beeper] и ще се появи следното:

| Tool Setup                       |
|----------------------------------|
| Language                         |
| <b>Beeper</b>                    |
| Instructions(Display at startup) |
| Unit of Measure                  |
| Skin Style                       |
| Device Information               |
| 2/6                              |

| Beeper |
|--------|
| OFF    |
| ON     |
|        |
|        |
|        |
|        |
| 1/2    |

## 4.3 Инструкции (показват се при стартиране)

### **Instructions(Display at startup)**

Изберете [Instructions(Display at startup)] Инструкции (Показване при стартиране) и ще се покажеследното:

| Tool Setup                              |
|-----------------------------------------|
| Language                                |
| Beeper                                  |
| <b>Instructions(Display at startup)</b> |
| Unit of Measure                         |
| Skin Style                              |
| Device Information                      |
| 3/6                                     |

| Instructions(Display at startup) |
|----------------------------------|
| OFF                              |
| ON                               |
|                                  |
|                                  |
|                                  |
|                                  |
|                                  |
| 1/2                              |

## 4.4 Мерна единица **Unit of measure**

Изберете [Unit of measure] и ще се покаже следното:

| Tool Setup                       |
|----------------------------------|
| Language                         |
| Beeper                           |
| Instructions(Display at startup) |
| <b>Unit of Measure</b>           |
| Skin Style                       |
| Device Information               |

4/6

| Unit of measure |
|-----------------|
| <b>Metric</b>   |
| Imperial        |
|                 |
|                 |
|                 |
|                 |

1/2

## 4.5 Стил на външен вид **Skin Style**

Изберете [Skin style] и ще се покаже следното:

| Tool Setup                       |
|----------------------------------|
| Language                         |
| Beeper                           |
| Instructions(Display at startup) |
| Unit of Measure                  |
| <b>Skin Style</b>                |
| Device Information               |

5/6

| Skin Style      |
|-----------------|
| <b>Sky Gray</b> |
| Gem Blue        |
|                 |
|                 |
|                 |
|                 |

1/2

## 4.6 Информация за устройството **Device information**

Изберете [Device Information] и ще се покаже следното:

| Tool Setup                       |
|----------------------------------|
| Language                         |
| Beeper                           |
| Instructions(Display at startup) |
| Unit of Measure                  |
| Skin Style                       |
| <b>Device Information</b>        |

6/6

| Device Information |                        |
|--------------------|------------------------|
| Software Version:  | 01.62.000              |
| Hardware Version:  | 01.10.000              |
| Serial Number:     | Autophix20180300000001 |

↑ ↓ ← → OK ESC

## 5 Отзиви и актуализации

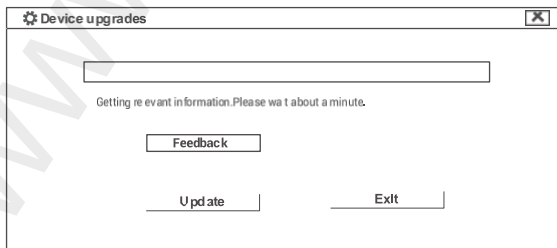
Ако сте в процес на тестване, нещо не е наред с тестването, изпратете документ с обратна връзка. Моля, изтеглете файла с актуализацията на вашия компютър от уебсайта на AUTOPHIX. Устройството е свързано към компютъра чрез USB кабел.

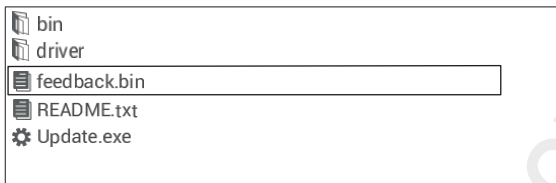


Изберете файла "Update" и ще се покаже следното:



Кликнете върху "Обратна връзка" и ще се появи следното:





Моля, изпратете файла feedback.bin на адрес support@autophix.com.

Ако трябва да извършите ъпгрейд, трябва да обърнете внимание на следното:

л) При актуализиране на софтуера устройството поддържа само Windows 7/8/10/11.

2) Може да се актуализира директно в Windows 8 и Windows 10/11 система.

3) Ако на компютъра ви е инсталирана Windows 7, тя е има инсталиран софтуерен драйвер за устройство.

Забележка:

Софтуерът за актуализация се поддържа само от Windows 7/8/10/11, но не се поддържа от Windows XP и macOS. Ако **не разбирате** стъпките за актуализация в инструкциите, моля, свържете се с нас.

### . Процедури за обслужване

Ако имате някакви въпроси, моля, свържете се с местния си магазин, дистрибутор или посетете нашия уебсайт [www.autophix.com](http://www.autophix.com).

Ако трябва да върнете инструмента за сканиране за ремонт, моля, свържете се с местния си дистрибутор за допълнителна информация.

### Доставчик/дистрибутор

Sunnysoft s.r.o.  
Kovanecká 2390/1a  
190 00 Прага 9  
Чешка република  
[www.sunnysoft.cz](http://www.sunnysoft.cz)

# AUTOPHIX<sup>®</sup>

## NAVODILA ZA UPORABO 9500



## VARNOSTNO OBVESTILO

Da bi preprečili telesne poškodbe ali poškodbe vozil in/ali skenirnega orodja, najprej preberite ta priročnik in pri delu na vozilu upoštevajte vsaj naslednje varnostne ukrepe:

Avtomobile vedno preizkušajte v varnem okolju. Med vožnjo ne poskušajte upravljati ali opazovati instrumenta. Upravljanje ali opazovanje orodja odvrača pozornost voznika in lahko povzroči nesrečo s smrtnim izidom.

Nosite zaščito za oči, ki ustreza standardom ANSI. Vozilo uporabljajte v dobro prezračevanem delovnem prostoru: izpušni plini so strupeni. Prestavite menjalnik v položaj PARK (pri samodejnem menjalniku) ali NEUTRAL (pri ročnem menjalniku) in preverite, ali je parkirna zavora zategnjena.

Skenirno orodje naj bo suho, čisto, brez olja/vode ali maščobe. Po potrebi očistite zunanost orodja za skeniranje z blagim detergentom na čisti krpi.

Nasveti: ko izdelek uporabljate, ga pred zagonom priključite na avtomobil.

## O MODELU 9500

### 1. Pokritost

1) Naprava 9500 deluje na večini ameriških, evropskih in azijskih vozil z OBDII po letu 1996.

2) 1999-2021 Hyundai

Podpira večino vozil Hyundai z 12V vmesnikom OBD16PIN.

Na primer Accent(HC). Accent(HC)-U.S. Accent/Verna(HCI)  
 Accent(LC). Accent(MC). Accent(RB) Accent/Solaris(RBr).  
 Accent/Solaris(HCR). Atos Prime(MXL). Atos(MX).

Atos(MXI)-PDF. Creta(GS). Creta(GSB). Creta(GSR). Creta(SU2I).  
 Centennial(LZ). Equus/Centennial(VI). Elantra Coupe(JK).  
 Elantra(AD). Elantra(ADA). Elantra(ADI).  
 Elantra(CN7). Elantra(HD). Elantra(MD). Elantra(MDI). Elantra(UD).  
 Elantra(XD). Eon(HA). G70(IK). G70(IK)-U.S.  
 G80(DH). G80(DH)-U.S. G80(RG3). GV80(JXI). G90(HI).  
 G90(HI)-U.S. Genesis Coupe(BK). Genesis Coupe(BK)  
 US)-U.S. Genesis(BH). Genesis(BH US)-U.S. Genesis(DH)  
 Getz(TB). Grand il 0 Nios/Aura(AI3). Grand il 0/Xcent(BA) Grand  
 Santafe(NC). Grandeur(XG). Grandeur/Azera(HG).  
 Grandeur/Azera(IG). Grandeur/Azera(TG). H-I Truck(SR). H-I  
 (AI). H-I/iMAX/iLOAD(TQ)- H-100 TRUCK(HR)- H350(EU).  
 HB20(HB). HB20(BR2). HD Coupe(GK). i10(IA). il 0(PA). i10(AC3).  
 i20(GB)- i20(IB)- i20(PB)- i20(BC3). i30(FDe). i30(GD).  
 i30(GDe). i30(PD). i30(PDE). i30N(PDEN). i30/Elantra  
 Neos(FD). i40(VF). IONIQ  
 IONIQ Hybrid(AE HEV). IONIQ Phev(AE PHEV). ix20(JC). ix35 FCEV(LM  
 FCEV). ix35(EL). Kona(OS). Kona  
 Kona Electric(OS EV). Kona Electric(OSe EV). Kona Electric(OSi EV).  
 Kona Hybrid(OS HEV). Matrix(FC). Nexso(FE).  
 Paisade(LX2). Reina(CB). Santafe(TM). Santafe(TMA).  
 Santro(AH2). Santafe Sport(DMA). Santafe(CM).  
 Santafe(DM). Santafe(DMI). Santafe(SM). Sonata Hybrid(LF HEV).  
 Sonata Hybrid(LF HEV)-U.S. Sonata Hybrid(YF HEV). Sonata  
 Hybrid(YF HEV)-U.S. Sonata Hybrid(YF HEV US)-U.S.  
 Sonata(DN8). Sonata Hybrid(DN8 HEV). Sonata(DN8A)-za Mehiko.  
 Sonata(EF). Sonata(LF). Sonata(LFA). Sonata(NF).  
 Sonata(YFI). Sonata(YFA)-U.S. Sonata/i45(YF).  
 Terracan(HP). Trajet XG(FO). Tucson FFV(JM FFV).  
 Tucson(JM). Tucson(LM)-BRAZIL. Tucson/ix35(LM).  
 Tucson(TL). Tucson(TLe). Tucson(TLI). Veracruz/ix55(SL).  
 Verna(RBI). Veloster N(JSN).  
 Veloster(JS). Lokacija(QX). Kraj(QXI). Accent(HC). Naglas(RB).  
 Naglas(MC). Accent(LC). Azera(HG). Azera(TG)  
 Elantra(AD). Elantra(ADA). Elantra GT(PD). Elantra(MD).

Elantra(UD) Elantra(HD). Elantra(XD) Elantra Coupe(JK).  
 Elantra GT(G D) Elantra Touring(FD) Entourage(EP)  
 Equus(VI). G80(DH) G80(RG3) GV80(JX1) G90(HI)  
 G70(IK) Genesis(BH) Genesis(DH) Genesis Coupe(BK).  
 IONIQ Electric(AE EV) IONIQ Hybrid(AE HEV) IONIQ Plug-in Hybrid(AE  
 PHEV) Kona(OS) Kona Electric(OS EV). Nexo(FE)  
 Palisade(LX2). santafe(TMA) santafe(NC) Santafe(CM)  
 Santafe(SM) Santafe Sport(DMA) Sonata Hev(LF HEV}  
 Sonata Phev(LF PHEV) Sonata(LFA) Sonata(YFA) Sonata(NF)  
 Sonata(EF). Sonata Hybrid(YF HEV). Sonata  
 Hybrid(DN8 HEV) Sonata(DN8A) Tucson Fcev(LM FCEV).  
 Tucson(TL). Tiburon(GK) Tucson(LM). Tucson(JM).  
 Veloster(FS) Veloster N(JSN) Veloster(JS) Venue(QX)  
 Veracruz(EN) XG(XG).

### 3) 2000-2021 KIA

Podpira večino vozil KIA z vmesnikom OBDI 6PIN 12V. Na primer  
 Besta (TP), Cadenza (VG). Cadenza (YG). Carens(FJ) Carens(UN)  
 Carens/Rondo(RP) Carnival/Sedona (GQ).  
 Carnival/Sedona(VQ). Carnival/Sedona(YP) Carnival (YP) - Izrael  
 Carnival(YPi) Cee'd(ED) Cee'd(JD). Cee'd(CD)  
 Ceed PHEV(CD PHEV) Ceed(CD) - ProCeed (Shooting Brake)  
 Ceed(CD) - Sportswagon. Cerato/Forte(BD) Cerato/Forte(BDm)  
 Cerato(LD) Cerato/Forte(TD) Cerato/Forte(YD).  
 Cerato/Forte(YDm) K900(RJ) K2500/K2700/K3000/K3000S(PU).  
 K5 HEV(DL3 HEV).  
 (DL3) Moh ave/Borrego(HM) Niro(DE HEV) Niro(DE HEV) -  
 za Mehiko Niro(DE EV) Niro(DE PHEV} Niro(DE  
 PHEV)-za Mehiko. Opirus(G H) Optim a HEV(JF HEV) Optim a  
 PHEV(JF PHEV). Optima(JF) Optima(JFA) - za Srednjo in Južno  
 AmerikoOptima(QF) - za Srednjo in Južno Ameriko Optima  
 HEV(TF HEV} Optima(TF)  
 Optim a/Magentis(MG) Optima/Magentis(MS) Pegas/Sol uto (AB)  
 Picanto(SA) Picanto(TA) Picanto/Morning(JA).

Pregio(FP). Quoris(KH). RIO(BC). RIO(JB). RIO(QBR).  
 RIO(UB)- RIO(FB). RIO(SC). RIO(YB). Seltos(SP2).  
 Seltos(SP2i). Sephia(FBI 2). Shuma/Spectra(SD). Sorento(BL).  
 Sorento(UM). Sorento(XM). Sorento(UMA) - za Srednjo in Južno  
 Ameriko. Sorento(XMA) - za Srednjo in Južno Ameriko.  
 Soul EV(SK3 EV). Soul EV(SK3 EV) - za Mehiko. Soul(SK3).  
 Soul(SK3)-za Mehiko. Soul(SK3A). Soul EV(PS EV).  
 Soul(AM). Soul(PS). Soul(PS) - za Mehiko. Sportage(KM).  
 Sportage(SL). Sportage(SLE). Sportage(QL)

Sportage(QL)-za Mehiko. Sportage(QLE). Sportage(QLE)-za  
 Mehiko. Stinger(CK). Stonic(YB CUV). Telluride(ON).  
 Telluride(ON)-za Mehiko. Venga(YN). XCeed PHEV(CD CUV  
 PHEV). XCeed(CD CUV). Amanti(GH).

Borrego(HM). Cadenza(VG). Cadenza(YG). Forte(BDm).  
 Forte(YD). Forte(YDm). Forte/Forte Koup(TD). Forte(BD).  
 K5(DL3A). K900(RJ). K900(KH). Niro(DE EV). Niro(DE HEV)

Niro(DE PHEV). Optima Hybrid (JF HEV). Optima Hybrid (TF HEV). Optima  
 PHEV (JF PHEV). Optima(JF). Optima(JFA).

Optima(MG). Optima(MS). Optima(TF/QF). RIO(BC). RIO(JB).  
 RIO(SC). RIO(UB). Rondo(UN). Sedona(GQ).

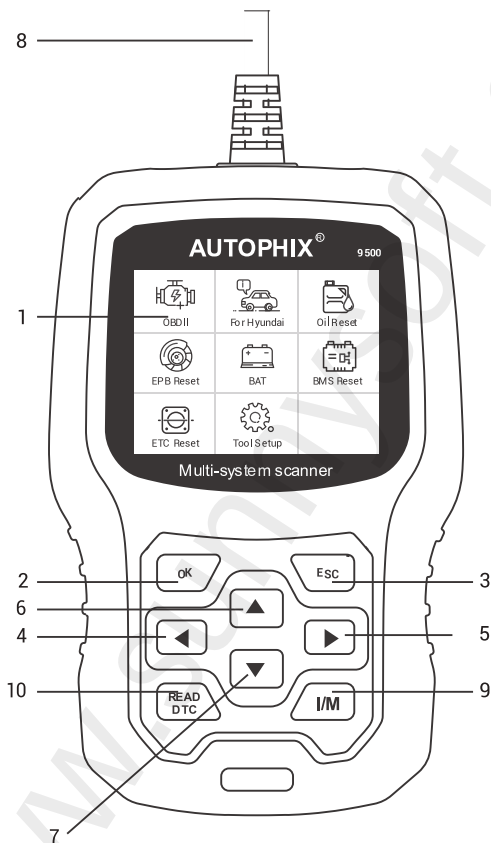
Sedona(VQ). Sedona(YP). Sephia(FB). Sorento(BL). Sorento(UMA).  
 Sorento(XM). Seltos(SP2). Soul EV (PS EV).

Soul EV(SK3 EV). Soul(AM). Soul(PS). Soul(SK3).  
 Spectra(LD). Spectra(SD). Sportage(AL). Sportage(KM). Sportage(QL).  
 Sportage(SL). Stinger(CK). Telluride(ON).

## 2. Specifikacije izdelka

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

### 3. Videz in opis gumbov



1. LCD-zaslon - prikaže rezultate testa. Osvetljen zaslon z ločljivostjo 320 x 240 slikovnih pik.
2. GUM [OK] - Potrdi izbiro (ali dejanje) v meniju.
3. [ESC] - prekliče izbiro (ali dejanje) v meniju ali se vrne v meni.

4. GUM [LEVO] - V menijskem načinu se pomikate levo po menijih in podmenijih, ko se pomikate po podatkovnem vmesniku, z levim gumbom se premaknete na zadnji zaslon.
5. GUM [DESNO] - v menijskem načinu se premikate v desno po menijskih postavkah in podmenijih, pri krmarjenju po podatkovnem vmesniku lahko uporabite desni gumb za premik na naslednji zaslon.
6. Gumb SCROLL [NAVZGOR] - v načinu menija se pomikate navzgor pomenijskih postavkah in podmenijih. Pri nalaganju podatkov za več koten zaslon se pomakne na prejšnji zaslon za dodatne podatke.
7. GUM [DOWN] BUTTON - v menijskem načinu se premika navzdol v meniju in podmenijih. Pri nalaganju podatkov z več kot enega zaslona se premaknite navzdol na naslednji zaslon za dodatne podatke.
8. Priključek OBD-16PIN - Povezuje orodje za skeniranje s priključkom za podatkovno povezavo vozila (DLC).
9. GUM [I/M] - hitro preverjanje pripravljenosti za emisije in preverjanje voznega cikla.
10. Gumb [READ DTC] - Hitro preberite kode napak vozila.

| 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 |

## Opombe:

MIL rumena - MIL ON

MIL siva - MIL OFF

Ø ne podpirajo

✓ Zaključeno

× Nedokončano

## NAVODILA ZA UPORABO

### 1. Povezava 9500

1.1 Vključite vžig.

1.2 V vozilu poiščite 16-pinski priključek za podatkovno povezavo (DLC).

### 2 Funkcije 9500

#### 2.1 Za Hyundai KIA

Ta izdelek večinoma testira blagovni znamki Hyundai in KIA. Izberite [Za Hyundai KIA], da si ogledate naslednje:

|                                                                                                |                                                                                                  |                                                                                                |
|------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|
| <br>OBDII     | <br>For Hyundai | <br>Oil Reset |
| <br>EPB Reset | <br>BAT         | <br>BMS Reset |
| <br>ETC Reset | <br>Tool Setup  |                                                                                                |

| Manual Select |
|---------------|
| General Area  |
| USA Area      |
|               |
|               |
|               |
| 1/2           |

| Select Vehicle Brand |
|----------------------|
| Last Test Record     |
| For Hyundai Diagnose |
| For KIA Diagnose     |
|                      |
|                      |
| 1/3                  |

| Manual Select       |
|---------------------|
| Accent(HC)          |
| Accent(HC)-U.S.     |
| Accent/Verna(HCI)   |
| Accent(LC)          |
| Accent(MC)          |
| Accent(RB)          |
| Accent/Solaris(RBr) |
| 5/126               |

| Manual Select |
|---------------|
| 2011          |
| 2010          |
| 2009          |
| 2008          |
| 2007          |
| 2006          |
|               |
| 1/6           |

| Manual Select |
|---------------|
| G 1.6 DOHC    |
| G 1.4 DOHC    |
| D 1.5 TCI-U   |
|               |
|               |
| 1/3           |

| Manual Select    |
|------------------|
| Health Report    |
| Control Units    |
| Special Function |
|                  |
|                  |
| 1/3              |

2.1.1 Če želite nadaljevati, pritisnite gumb [OK], nato pa pritisnite [Health Report], slike so naslednje:

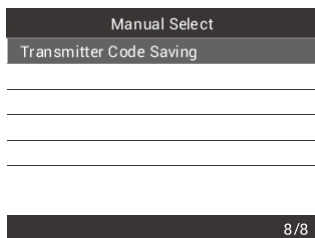
| Scanning ... [58%]           |   |
|------------------------------|---|
| ECM(Engine Control Module... | 1 |
| ECM(Engine Control Module... | 1 |
| ECM(Engine Control Module... | 1 |
| ECM(Engine Control Module... | 1 |
| Anti-Lock Brake(MGH-25)      |   |
|                              |   |
| 5/5                          |   |

| Select System                |    |
|------------------------------|----|
| Clear All DTC                |    |
| ECM(Engine Control Module... | 1  |
| ECM(Engine Control Module... | 1  |
| ECM(Engine Control Module... | 1  |
| ECM(Engine Control Module... | 1  |
| IMM (Immobilizer)            | OK |
|                              |    |
| 1/6                          |    |

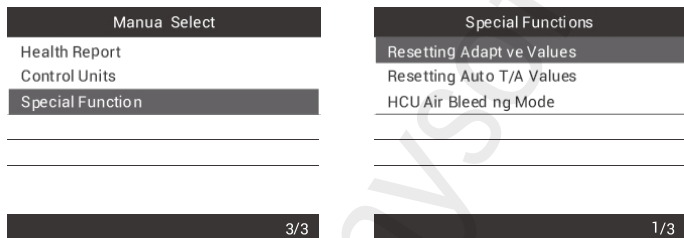
Pritisnite [Control Units], prikazalo se bo:

| Manual Select    |
|------------------|
| Health Report    |
| Control Units    |
| Special Function |
|                  |
|                  |
| 2/3              |

| Manual Select                     |
|-----------------------------------|
| ECM (Engine Control Module)       |
| TCM (Transmission Control Mo...   |
| ABS (Anti-lock Braking System)    |
| SRS (Supplemental Inflatable R... |
| AC (Air Conditioning)             |
| EPS (Electronic Power Steering)   |
| IMM (Immobilizer)                 |
| 1/8                               |



Pritisnite gumb [Special Functions], da se prikaže naslednje:



Opomba: Posebne funkcije, ki jih podpirajo različni modeli, se razlikujejo.

## 2.2 Posebne funkcije

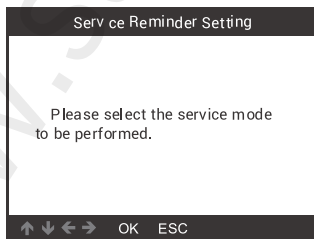
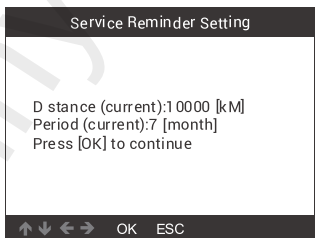
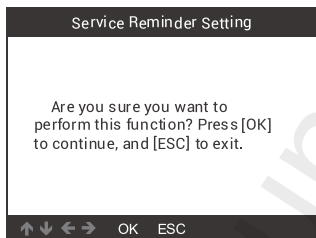
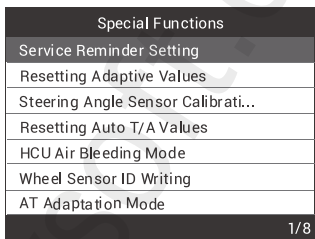
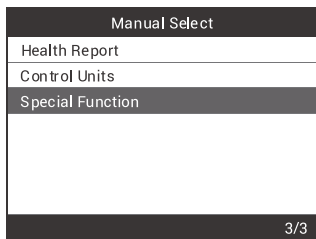
Pogosto uporabljene posebne funkcije so naslednje:

- ETC reset
  - Ponastavitev ETC
- EPB Replace Brake Pad
  - Zamenjava zavore sistema oblog EPB
- Gearbox adaptation
  - Sprememba menjalnika
- SAS
- Oil reset
  - Ponastavitev olja
- TPMS reset
  - Ponastavitev TPMS
- IQA
- BMS reset
  - Ponastavitev sistema BMS
- EGR reset
  - Ponastavitev EGR
- ABS

V nadaljevanju smo izbrali dve posebni funkciji in ju podrobno razložili.

## 2.2.1 Nastavitev opomnika za storitev Service Reminder Setting

Pritisnite gumb [Special Functions] in se pomaknite do [Service Reminder Settings]. Sledite navodilom v vmesniku, da dokončate nastavitve servisnega opomnika. Posamezni koraki so naslednji:



Za nadaljevanje pritisnite [OK], za izhod pa [ESC].

-Lahko ga vnesete ročno ali izberete neposredno ponastavitev [Prilagodi] za prilagoditev števila kilometrov in periodičnosti [Reset] za neposredno ponastavitev. Izberite [Customize] A-[10000km]. [30000km]. [60000km] je skrajšan vhod.

| Service Reminder Setting |
|--------------------------|
| Customize                |
| Reset                    |

| Service Reminder Setting |
|--------------------------|
| Set distance             |
| Set period               |

1/2

1/2

| Set distance |
|--------------|
| 10000km      |
| 30000km      |
| 60000km      |
| Manual input |
|              |
|              |
|              |

1/4

B-[Manual Input] je za vhode po meri

| Set distance |
|--------------|
| 10000km      |
| 30000km      |
| 60000km      |
| Manual input |

| Set distance |
|--------------|
|              |

Enter distance 0-99999:

|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | A | B | C | D | E | F | G | H | I | ☐ |
| 6 | 7 | 8 | 9 | 0 | J | K | L | M | N | O | P | Q | R | ☐ |
| . | + | - | * | / | S | T | U | V | W | X | Y | Z | ☐ | ☐ |

4/4

←:Next Step I/M:Scroll Text

## Set distance

The Service Reminder Setting of Distance has been completed, Please Press [OK] Button to Set period.

↑ ↓ ← → OK ESC

Pritisnite gumb [OK], da nastavite obdobje.

A- [6 mesecev]. [12 mesecev]. [18 mesecev] je skrajšani vnos

| Set distance |
|--------------|
| 6month       |
| 12month      |
| 18month      |
| Manual input |
|              |
|              |

1/4

B-[Manual Input] je za vhode po meri

| Set distance |
|--------------|
| 6month       |
| 12month      |
| 18month      |
| Manual input |
|              |
|              |

4/4

| Set distance                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Enter period 0-99:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| <table border="1"> <tbody> <tr> <td>1</td><td>2</td><td>3</td><td>4</td><td>5</td><td>A</td><td>B</td><td>C</td><td>D</td><td>E</td><td>F</td><td>G</td><td>H</td><td>I</td><td>↩</td> </tr> <tr> <td>6</td><td>7</td><td>8</td><td>9</td><td>0</td><td>J</td><td>K</td><td>L</td><td>M</td><td>N</td><td>O</td><td>P</td><td>Q</td><td>R</td><td>↩</td> </tr> <tr> <td>.</td><td>+</td><td>-</td><td>*</td><td>/</td><td>S</td><td>T</td><td>U</td><td>V</td><td>W</td><td>X</td><td>Y</td><td>Z</td><td>↩</td><td>↩</td> </tr> </tbody> </table> | 1 | 2 | 3 | 4 | 5 | A | B | C | D | E | F | G | H | I | ↩ | 6 | 7 | 8 | 9 | 0 | J | K | L | M | N | O | P | Q | R | ↩ | . | + | - | * | / | S | T | U | V | W | X | Y | Z | ↩ | ↩ |
| 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 2 | 3 | 4 | 5 | A | B | C | D | E | F | G | H | I | ↩ |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 7 | 8 | 9 | 0 | J | K | L | M | N | O | P | Q | R | ↩ |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| .                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | + | - | * | / | S | T | U | V | W | X | Y | Z | ↩ | ↩ |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| ↩:Next Step      I/M:Scroll Text                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |

Prilagoditev kilometrine in periodičnosti je popolna.

Set period

The function is complete

↑ ↓ ← → OK ESC

[Reset] za neposredno ponastavitev

Service Reminder Setting

Customize

Reset

Service Reminder Setting

Are you sure you want to perform this function? Press [OK] to continue, and [ESC] to exit.

2/2

↑ ↓ ← → OK ESC

Nadaljevanje vzdrževanja je končano.

Opomba: Zgornje **besedilo je glavna vsebina elementa Ponastavi servisno lučko za olje;** sledite zgornjim navodilom.

## 2.2.2 Obnovitev prilagoditvenih vrednosti Resetting Adaptive Values

Pritisnite gumb [Special Functions] in se pomaknite na [Resetting Adaptive Values] Sledite navodilom na vmesniku, da dokončate ponastavitev prilagodljivih vrednosti. Posebni koraki so prikazani na spodnji sliki:

## Special Functions

Service Reminder Setting

Resetting Adaptive Values

Steering Angle Sensor Calibrati ..

Resetting Auto T/A Values

HCU Air Bleeding Mode

Wheel Sensor ID Writing

AT Adaptat on Mode

2/8

## Resetting Adaptive Values

[Conditions]

- 1 Ignition switch on
- 2 Eng ne off

↑ ↓ ← → OK ESC

## Resetting Adaptive Values

## Resetting Adaptive Values

Are you sure?

[Conditions: ignition on, engine  
off]

The function is complete.

↑ ↓ ← → OK ESC

↑ ↓ ← → OK ESC

Opomba: Posebne funkcije posameznega modela se razlikujejo glede na dejansko delovanje.

### 3 Sistem OBDII

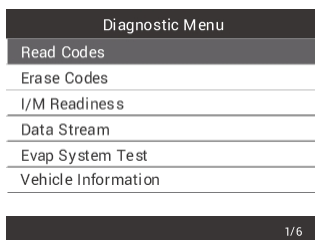
#### 3.1 Preberite kode

Shranjene kode so znane tudi kot "trde kode" ali "trajne kode". Te kode povzročijo, da se ob pojavu napake, povezane z emisijami, prižge indikatorska lučka nepravilnega delovanja (MIL) v nadzornem modulu. Oznake, ki čakajo na obravnavo, se imenujejo tudi "oznake zorenja" ali "oznake stalnega spremljanja".

Označuje težavo, ki jo je kontrolni modul zaznal med trenutnim ali zadnjim ciklom vožnje, vendar se ne šteje za resno.

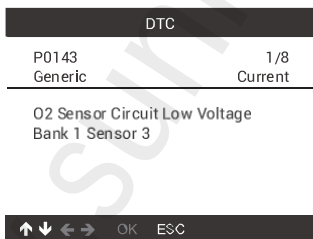
Če v naslednjem ciklu ogrevanja ne pride do napake, lučka za napake ne bo svetila in kode se bodo izbrisale iz spomina.

1) Z gumbom za pomikanje navzgor/navzdol izberite možnost Odčitavanje kode v diagnostičnem meniju in pritisnite gumb [OK].



Če ni diagnostičnih kod napak, se na zaslonu prikaže sporočilo "No (pending) codes stored in the module!". ("V modulu ni shranjenih (čakajočih) kod!") Počakajte nekaj sekund ali pritisnite katero koli tipko, da se vrnete v diagnostični meni.

2) Na zaslonu prikažite DTC in njihove opredelitve.

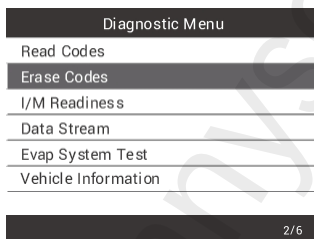


V zgornjem desnem kotu zaslona so prikazani številka kontrolnega modula, zaporedje DTC, skupno število zaznanih kod in vrsta kode (Generic ali Manufacturer specific).

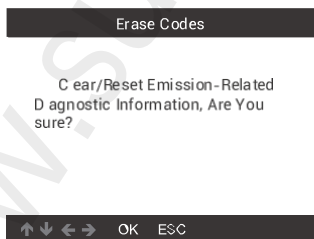
### 3.2 Brisanje koda **Erase Codes**

Opombe: ta funkcija se izvede, ko je motor izklopljen. Ne zaženite motorja. Pred izvedbo te funkcije se prepričajte, da ste prebrali in zabeležili kodo napak. Po čiščenju morate ponovno naložiti kodo napak ali vklopiti vžig in ponovno naložiti kodo. Če so še vedno prisotne kodo za hude napake, najprej ugotovite vzrok, ki je povzročil kodo napake, in nato odpravite težavo. Kode napak lahko zdaj izbrišete.

1) Z gumbi za pomikanje navzgor/navzdol v diagnostičnem meniju izberite možnost Clear Codes in pritisnite gumb [OK].



2) Prikazalo se bo opozorilno sporočilo s prošnjo za potrditev.



### 3) Za potrditev pritisnite gumb [OK].

Erase Codes

Please Turn Ignition ON with  
Engine Off, Press OK key to  
continue!

↑ ↓ ← → OK ESC

Erase Codes

Emission-Related Diagnostic  
Information has been cleared!

↑ ↓ ← → OK ESC

### 3.3 Pripravljenost za I / M **I/M Readiness**

I/M se nanaša na nadzor in vzdrževanje, ki ga je predpisala vlada za izpolnjevanje državnih standardov čistega zraka.

Pripravljenost I/M označuje, ali obstajajo različne da sistemi vozila, povezani z emisijami, pravilno delujejo in so pripravljeni na pregled in vzdrževanje. Funkcijo I/M Readiness Monitor lahko uporabite tudi (po odpravi napake) za potrditev, da je bilo popravilo pravilno izvedeno, in/ali za preverjanje stanja delovanja monitorja.

Diagnostic Menu

Read Codes

Erase Codes

**I/M Readiness**

Data Stream

Evap System Test

Vehicle Information

3/6

I/M Readiness

Since DTCs Were Cleared

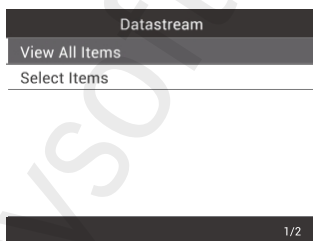
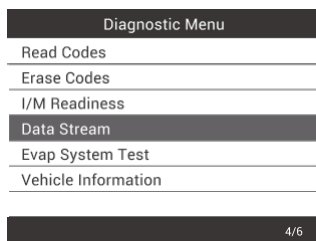
This Drive Cycle

1/2

### 3.4 P r e t o k podatkov **Data Stream**

Iskalno orodje OBDII je posebno diagnostično orodje, ki komunicira z računalnikom vozila. Skenirno orodje vam omogoča pregledovanje podatkov v realnem času. Ti podatki vključujejo odčitke (volti, vrtljaji, temperatura, hitrost itd.) in informacije o stanju sistema (odprta zanka, zaprta zanka, stanje sistema za gorivo itd.), ki jih ustvarjajo različni senzorji, stikala in aktuatorji v vozilu.

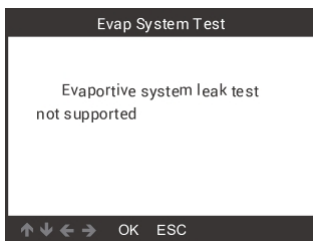
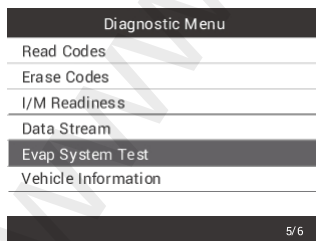
Pritisnite gumb OK



### 3.5 Test uhajanja u p a r j a l n i k a **Evap Leak Test**

Ta funkcija omogoča nastavitve pogojev, potrebnih za izvedbo preskusa tesnosti uparjalnika, vendar preskusa dejansko ne izvede. Proizvajalec vozila je odgovoren za nastavitve meril za samodejno zaustavitev preskusa.

Pred izvajanjem te funkcije si oglejte servisni priročnik vozila, kjer so navedeni potrebni postopki.



### 3.6 Podatki o vozilu **Vehicle Information**

Izberite [Informacije o vozilu] in pritisnite [OK], na zaslonu se prikažejo podatki, kot so VIN (identifikacijska številka vozila), CID (ID kalibracije) in CVN (številka preverjanja kalibracije).

| Diagnostic Menu            |
|----------------------------|
| Read Codes                 |
| Erase Codes                |
| I/M Readiness              |
| Data Stream                |
| Evap System Test           |
| <b>Vehicle Information</b> |

| Vehicle Information                                      |
|----------------------------------------------------------|
| Vehicle Identification Number(VIN):<br>LVSFBFAC94F020950 |
| Cal bration Identifications(CID):<br>000007550753        |
| Cal bration Ver fication Numbers(CVN):<br>B5073064       |
| ↑ ↓ ← → OK ESC                                           |

## 4. Nastavitve orodja **ToolSetup**

### 4.1 Jezik **Language**

Izberite [Language], da se prikaže naslednje:

| Tool Setup                       |
|----------------------------------|
| <b>Language</b>                  |
| Beeper                           |
| Instructions(Display at startup) |
| Unit of Measure                  |
| Skin Style                       |
| Device Information               |
| 1/6                              |

| Language       |
|----------------|
| <b>Eng ish</b> |
| Deutsch        |
| Français       |
| Español        |
| Italiano       |
| Русский        |
| Português      |
| 1/13           |

## 4.2 P i s k a n j e **Beeper**

Izberite [Beeper] in prikazalo se bo naslednje:

| Tool Setup                       |
|----------------------------------|
| Language                         |
| <b>Beeper</b>                    |
| Instructions(Display at startup) |
| Unit of Measure                  |
| Skin Style                       |
| Device Information               |
| 2/6                              |

| Beeper |
|--------|
| OFF    |
| ON     |
|        |
|        |
|        |
|        |
| 1/2    |

## 4.3 Navodila (prikazana ob zagonu) **Instructions(Display at startup)**

Izberite [Instructions(Display at startup)] Navodila (Prikaz ob zagonu) in prikazalo se bo naslednje:

| Tool Setup                              |
|-----------------------------------------|
| Language                                |
| Beeper                                  |
| <b>Instructions(Display at startup)</b> |
| Unit of Measure                         |
| Skin Style                              |
| Device Information                      |
| 3/6                                     |

| Instructions(Display at startup) |
|----------------------------------|
| OFF                              |
| ON                               |
|                                  |
|                                  |
|                                  |
|                                  |
|                                  |
| 1/2                              |

## 4.4 Merilna enota **Unit of measure**

Izberite [Unit of measure] in prikazalo se bo naslednje:

| Tool Setup                       |
|----------------------------------|
| Language                         |
| Beeper                           |
| Instructions(Display at startup) |
| <b>Unit of Measure</b>           |
| Skin Style                       |
| Device Information               |

4/6

| Unit of measure |
|-----------------|
| <b>Metric</b>   |
| Imperial        |
|                 |
|                 |
|                 |
|                 |

1/2

## 4.5 Stil videza **Skin Style**

Izberite [Skin style] in prikazano bo naslednje:

| Tool Setup                       |
|----------------------------------|
| Language                         |
| Beeper                           |
| Instructions(Display at startup) |
| Unit of Measure                  |
| <b>Skin Style</b>                |
| Device Information               |

5/6

| Skin Style      |
|-----------------|
| <b>Sky Gray</b> |
| Gem Blue        |
|                 |
|                 |
|                 |
|                 |

1/2

## 4.6 Informacije o napravi **Device information**

Izberite [Device Information] in prikazano bo naslednje:

| Tool Setup                       |
|----------------------------------|
| Language                         |
| Beeper                           |
| Instructions(Display at startup) |
| Unit of Measure                  |
| Skin Style                       |
| <b>Device Information</b>        |

6/6

| Device Information |                        |
|--------------------|------------------------|
| Software Version:  | 01.62.000              |
| Hardware Version:  | 01.10.000              |
| Serial Number:     | Autophix20180300000001 |

↑ ↓ ← → OK ESC

## 5 Povratne informacije in posodobitve

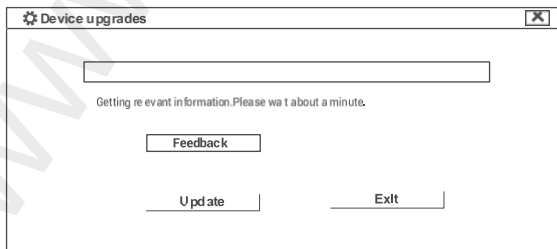
Če ste v postopku testiranja in je pri testiranju nekaj narobe, pošljite dokument s povratnimi informacijami. Datoteko s posodobitvijo prenesite v računalnik s spletnega mesta AUTOPHIX. Naprava je z računalnikom povezana prek kabla USB.

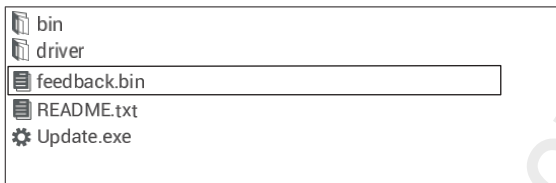


Izberite datoteko "Posodobitev" in prikazalo se bo naslednje:



Kliknite "Povratne informacije" in prikazalo se bo naslednje:





Datoteko feedback.bin pošljite na naslov [support@autophix.com](mailto:support@autophix.com).

Če želite nadgraditi, morate biti pozorni na naslednje:

1) Pri posodabljanju programske opreme naprava podpira samo operacijski sistem Windows 7/8/10/11.

2) Posodobite ga lahko neposredno v operacijskih sistemih Windows 8 in Windows 10/11 sistem.

3) Če je v računalniku nameščen operacijski sistem Windows 7, je je nameščen gonilnik programske naprave.

Opomba:

Programska oprema za posodabljanje je podprta le v operacijskem sistemu Windows 7/8/10/11, ni pa podprta v operacijskih sistemih Windows XP in macOS. Če **ne razumete** korakov za posodobitev v navodilih, se obrnite na nas.

### . Postopki servisiranja

Če imate kakršna koli vprašanja, se obrnite na lokalno trgovino, distributerja ali obiščite naše spletno mesto [www.autophix.com](http://www.autophix.com).

Če morate skenirno orodje vrniti v popravilo, se obrnite na za dodatne informacije pri lokalnem distributerju.

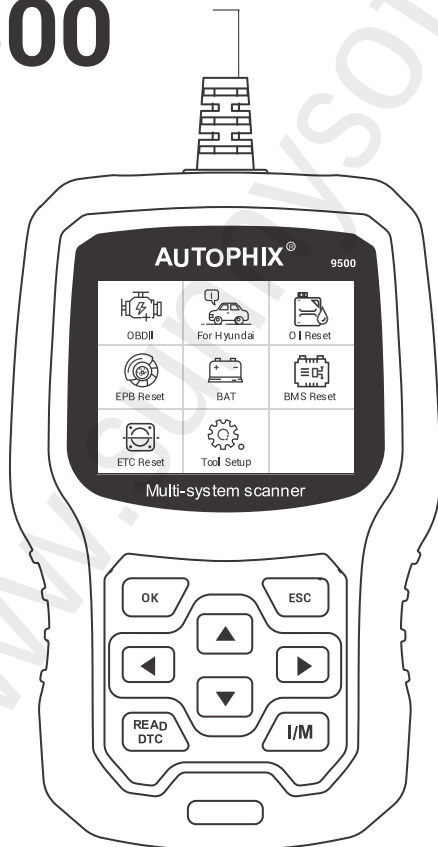
### Dobavitelj/distributer

Sunnysoft s.r.o.  
Kovanecká 2390/1a  
190 00 Praha 9 Češka  
[www.sunnysoft.cz](http://www.sunnysoft.cz)

# AUTOPHIX<sup>®</sup>

## INSTRUKCJE UŻYTKOWANIA

# 9500



## INFORMACJA O BEZPIECZEŃSTWIE

Aby zapobiec obrażeniom ciała lub uszkodzeniu pojazdów i/lub testera diagnostycznego, należy najpierw przeczytać niniejszą instrukcję i przestrzegać co najmniej następujących środków ostrożności podczas pracy przy pojeździe:

Testy samochodów należy zawsze przeprowadzać w bezpiecznym otoczeniu. Nie próbuj obsługiwać ani obserwować przyrządu podczas jazdy. Obsługa lub obserwacja przyrządu rozprasza kierowcę i może spowodować śmiertelny wypadek.

Należy nosić okulary ochronne spełniające normy ANSI. Pojazd należy obsługiwać w dobrze wentylowanym miejscu pracy: spaliny są toksyczne.

Ustaw skrzynię biegów w położeniu PARK (w przypadku automatycznej skrzyni biegów) lub NEUTRAL (w przypadku manualnej skrzyni biegów) i sprawdź, czy hamulec postojowy jest zaciągnięty.

Tester diagnostyczny należy utrzymywać w stanie suchym, czystym, wolnym od oleju/wody lub smaru. W razie potrzeby wyczyść zewnętrzną część testera diagnostycznego łagodnym detergentem na czystej szmatce.

Wskazówki: podczas korzystania z produktu należy podłączyć go do samochodu przed jego uruchomieniem.

## O 9500

### 1. Pokrycie

1) 9500 działa z większością amerykańskich, europejskich i azjatyckich pojazdów z OBDII po 1996 roku.

### 2) 1999-2021 Hyundai

Obsługuje większość pojazdów Hyundai z interfejsem OBD16PIN 12V. Na przykład Accent(HC). Accent(HC)-U.S. Accent/Verna(HCI) Accent(LC). Accent(MC). Accent(RB) Accent/Solaris(RBr). Accent/Solaris(HCR). Atos Prime(MXL). Atos(MX).

Atos(MXI)-PDF. Creta(GS). Creta(GSB). Creta(GSR). Creta(SU2I).  
 Centennial(LZ). Equus/Centennial(VI). Elantra Coupe(JK).  
 Elantra(AD). Elantra(ADA). Elantra(ADI).  
 Elantra(CN7). E l a n t r a (HD). Elantra(MD). Elantra(MDI).  
 Elantra(UD). Elantra(XD). Eon(HA). G70(IK). G70(IK)-U.S.  
 G80(DH). G80(DH)-U.S. G80(RG3). GV80(JXI). G90(HI).  
 G90(HI)-USA. Genesis Coupe(BK). Genesis Coupe(BK)  
 US)-U.S. Genesis(BH). Genesis(BH US)-U.S. Genesis(DH)  
 Getz(TB). Grand il 0 Nios/Aura(AI3). Grand il 0/Xcent(BA) Grand  
 Santafe(NC). Grandeur(XG). Grandeur/Azera(HG).  
 Grandeur/Azera(IG). Grandeur/Azera(TG). H-I Truck(SR). H-I  
 (AI). H-I/iMAX/iLOAD(TQ)- H-100 TRUCK(HR)- H350(EU).  
 HB20(HB). HB20(BR2). HD Coupe(GK). i10(IA). il 0(PA). i10(AC3).  
 i20(GB)- i20(IB)- i20(PB)- i20(BC3). i30(FDe). i30(GD).  
 i 3 0 (GDe). i30(PD). i30(PDE). i30N(PDEN). i30/Elantra  
 Neos(FD). i40(VF). IONIQ  
 IONIQ Hybrid(AE HEV). IONIQ Phev(AE PHEV). ix20(JC). ix35 FCEV(LM  
 FCEV). ix35(EL). Kona(OS). Kona  
 Kona Electric (OS EV). Kona Electric (OSe EV). Kona Electric (OSi EV).  
 Kona Hybrid (OS HEV). Matrix(FC). Nexso(FE).  
 Paisade(LX2). Reina(CB). Santafe(TM). Santafe(TMA).  
 Santro(AH2). Santafe Sport(DMA). Santafe(CM).  
 Santafe(DM). Santafe(DMI). Santafe(SM). Sonata Hybrid(LF HEV).  
 Sonata Hybrid(LF HEV)-U.S. Sonata Hybrid(YF HEV). Sonata  
 Hybrid(YF HEV)-U.S. Sonata Hybrid(YF HEV US)-U.S.  
 Sonata(DN8). Sonata Hybrid(DN8 HEV). Sonata(DN8A)-Dla  
 Meksyku. Sonata(EF). Sonata(LF). Sonata(LFA). Sonata(NF)  
 Sonata(YFI). Sonata(YFA)-U.S. Sonata/i45(YF).  
 Terracan(HP). Trajet XG(FO). Tucson FFV(JM FFV).  
 Tucson(JM). Tucson(LM)-BRAZIL. Tucson/ix35(LM).  
 Tucson(TL). Tucson(TLe). Tucson(TLI). Veracruz/ix55(EN).  
 Verna(RBI). Veloster N(JSN).  
 Veloster(JS). Venue(QX). Venue(QXI). Accent(HC). Accent(RB).  
 Accent(MC). Accent(LC). Azera(HG). Azera(TG)  
 Elantra(AD). E l a n t r a (ADA). Elantra GT(PD). Elantra(MD).

Elantra(UD) Elantra(HD). Elantra(XD) Elantra Coupe(JK).  
 Elantra GT(G D) Elantra Touring(FD) Entourage(EP)  
 Equus(VI) G80(DH) G80(RG3) GV80(JX1) G90(HI)  
 G70(IK) Genesis(BH) Genesis(DH) Genesis Coupe(BK).  
 IONIQ Electric(AE EV) IONIQ Hybrid(AE HEV) IONIQ Plug-in Hybrid(AE  
 PHEV) Kona(OS) Kona Electric(OS EV). Nexo(FE)  
 Palisade(LX2). santafe(TMA) santafe(NC) Santafe(CM)  
 Santafe(SM) Santafe Sport(DMA) Sonata Hev(LF HEV}  
 Sonata Phev(LF PHEV) Sonata(LFA) Sonata(YFA) Sonata(NF)  
 Sonata(EF) Sonata Hybrid(YF HEV) Sonata  
 Hybrid(DN8 HEV) Sonata(DN8A) Tucson Fcev(LM FCEV).  
 Tucson(TL). Tiburon(GK) Tucson(LM). Tucson(JM).  
 Veloster(FS) Veloster N(JSN) Veloster(JS) Venue(QX)  
 Veracruz(EN) XG(XG).

### 3) 2000-2021 KIA

Obsługuje większość pojazdów KIA z interfejsem OBDI 6PIN 12V. Na przykład Besta(TP). Cadenza (VG). Cadenza(YG). Carens(FJ)  
 Carens(UN) Carens/Rondo(RP) Carnival/Sedona(GQ).  
 Carnival/Sedona(VQ). Carnival/Sedona(YP) Carnival (YP) - Izrael  
 Carnival(YPi) Cee'd(ED) Cee'd(JD). Cee'd(CD)  
 Ceed PHEV(CD PHEV) Ceed(CD) - ProCeed (Shooting Brake)  
 Ceed(CD) - Sportswagon. Cerato/Forte(BD) Cerato/Forte(BDm)  
 Cerato(LD) Cerato/Forte(TD) Cerato/Forte(YD).  
 Cerato/Forte(YDm) K900(RJ) K2500/K2700/K3000/K3000S(PU).  
 K5 HEV(DL3 HEV). K5  
 (DL3) Moh ave/Borrego(HM) Niro(DE HEV) Niro(DE HEV) -  
 Dla Meksyku Niro(DE EV) Niro(DE PHEV} Niro(DE  
 PHEV)-Dla Meksyku. Opirus(G H) Optima HEV(JF HEV)  
 Optima PHEV(JF PHEV). Optima(JF) Optima(JFA) - dla Ameryki  
 Środkowej i Południowej Optima(QF) - dla Ameryki  
 Środkowej i Południowej Optima HEV(TF HEV}  
 Optima(TF)  
 Optim a/Magentis(MG) Optima/Magentis(MS) Pegas/Sol uto (AB)  
 Picanto(SA) Picanto(TA) Picanto/Morning(JA).

Pregio(FP). Quoris(KH). RIO(BC). RIO(JB). RIO(QBR).  
 RIO(UB)- RIO(FB). RIO(SC). RIO(YB). Seltos(SP2).  
 Seltos(SP2i). Sephia(FBI 2). Shuma/Spectra(SD). Sorento(BL).  
 Sorento(UM). Sorento(XM). Sorento(UMA) - dla Ameryki Środkowej i  
 Południowej. Sorento(XMA) - dla Ameryki Środkowej i Południowej.  
 Soul EV(SK3 EV). Soul EV(SK3 EV) - dla Meksyku. Soul(SK3).  
 Soul(SK3)-dla Meksyku. Soul(SK3A). Soul EV(PS EV).  
 Soul(AM). Soul(PS). Soul(PS)- dla Meksyku. Sportage(KM).  
 Sportage(SL). Sportage(SLE). Sportage(QL).

Sportage(QL)-Dla Meksyku. Sportage(QLE). Sportage(QLE)-  
 Dla Meksyku. Stinger(CK). Stonic(YB CUV). Telluride(ON).  
 Telluride(ON)-Dla Meksyku. Venga(YN). XCeed PHEV(CD CUV  
 PHEV). XCeed(CD CUV). Amanti(GH).  
 Borrego(HM). Cadenza(VG). Forte(BDm). Forte(YD).  
 Forte(YDm). Forte/Forte Koup(TD). Forte(BD). K5(DL3A).  
 K900(RJ). K900(KH). Niro(DE EV). Niro(DE HEV)

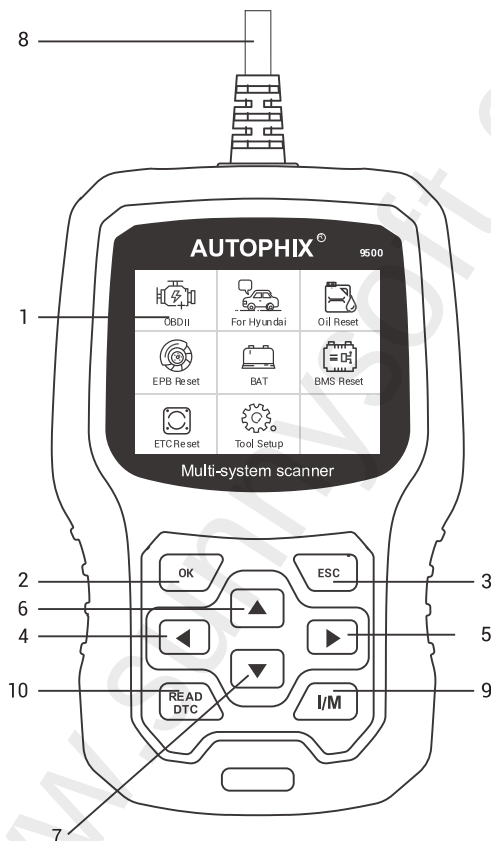
Niro (DE PHEV). Optima Hybrid (JF HEV). Optima Hybrid (TF HEV). Optima  
 PHEV (JF PHEV). Optima(JF). Optima(JFA).  
 Optima(MG). Optima(MS). Optima(TF/QF). RIO(BC). RIO(JB).  
 RIO(SC). RIO(UB). Rondo(UN). Sedona(GQ).  
 Sedona(VQ). Sedona(YP). Sephia(FB). Sorento(BL). Sorento(UMA).  
 Sorento(XM). Seltos(SP2). Soul EV (PS EV).

Soul EV(SK3 EV). Soul(AM). Soul(PS). Soul(SK3).  
 Spectra(LD). Spectra(SD). Sportage(AL). Sportage(KM). Sportage(QL).  
 Sportage(SL). Stinger(CK). Telluride(ON).

## 2. Specyfikacja produktu

- Wyświetlacz LCD 2,8", kolorowy wyświetlacz 320 X 240 pikseli
- Napięcie robocze: 8V~18V
- Temperatura pracy: 0 - 60 °C (32 - 140 °F)
- Temperatura przechowywania: -20 - 70 °C (-4 - 158 °F)

### 3. Wygląd i opis przycisków



1. WYŚWIETLACZ LCD - wyświetla wyniki testu. Podświetlany wyświetlacz o rozdzielczości 320 x 240 pikseli.

2. PRZYCISK [OK] - Potwierdza wybór (lub działanie) z menu.

3. [ESC] - anuluje wybór (lub działanie) w menu lub powoduje powrót do menu.

4. **PRZYCISK PRZEWIJANIA [W LEWO]**- W trybie menu przesuwaj w lewo po menu i podmenu podczas nawigacji po interfejsie danych, użyj lewego przycisku, aby przejść do ostatniego ekranu.
5. **PRZYCISK PRZEWIJANIA [W PRAWO]** - w trybie menu umożliwia poruszanie się w prawo po pozycjach menu i podmenu, podczas nawigacji w interfejsie danych można użyć prawego przycisku, aby przejść do następnego ekranu.
6. **Przycisk SCROLL [UP]** - w trybie menu służy do przewijania w górę elementów menu i podmenu. Podczas wczytywania danych dla więcej niż jednego ekranu powoduje przejście do poprzedniego ekranu w celu uzyskania dodatkowych danych.
7. **PRZYCISK PRZEWIJANIA [W DÓŁ]** - w trybie menu przesuwaj w dół pozycje menu i podmenu. Podczas wczytywania danych z więcej niż jednego ekranu, przesuń w dół do następnego ekranu, aby uzyskać dodatkowe dane.
8. **OBD-16PIN CONNECTOR** - Podłącza skaner diagnostyczny do złącza łączy danych pojazdu (DLC).
9. **PRZYCISK [I/M]** - szybkie sprawdzenie gotowości do emisji zanieczyszczeń i weryfikacja cyklu jazdy.
10. **Przycisk [READ DTC]** - szybki odczyt kodów usterek pojazdu.

| 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 |

**Uwagi:**

MIL żółty - MIL

włączony MIL szary -

MIL wyłączony

Ø nieobsługiwane przez

✓ Zakończono

✗ Niedokończono

## INSTRUKCJE UŻYTKOWANIA

## 1. Połączenie 9500

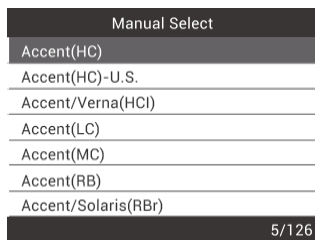
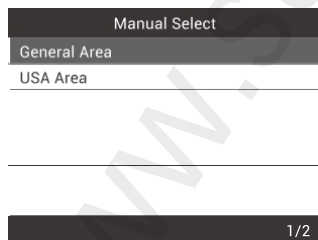
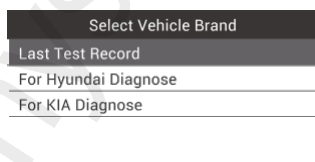
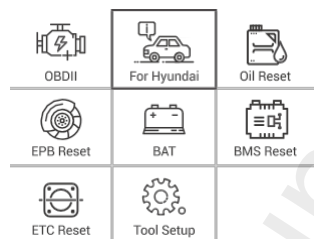
1.1 Włącz zapłon.

1.2 Zlokalizuj 16-stykowe złącze łączą danych (DLC) w pojeździe.

## 2 Funkcje 9500

## 2.1 Dla Hyundai KIA

Ten produkt testuje głównie marki Hyundai i KIA. Wybierz [Dla Hyundai KIA], aby zobaczyć następujące elementy:



| Manual Select |  |
|---------------|--|
| 2011          |  |
| 2010          |  |
| 2009          |  |
| 2008          |  |
| 2007          |  |
| 2006          |  |
|               |  |
| 1/6           |  |

| Manual Select |  |
|---------------|--|
| G 1.6 DOHC    |  |
| G 1.4 DOHC    |  |
| D 1.5 TCI-U   |  |
|               |  |
|               |  |
| 1/3           |  |

| Manual Select    |  |
|------------------|--|
| Health Report    |  |
| Control Units    |  |
| Special Function |  |
|                  |  |
|                  |  |
| 1/3              |  |

2.1.1 Naciśnij przycisk [OK], aby kontynuować, naciśnij przycisk [Health Report], zdjęcia są następujące:

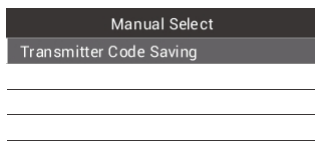
| Scanning ... [58%]           |   |
|------------------------------|---|
| ECM(Engine Control Module... | 1 |
| ECM(Engine Control Module... | 1 |
| ECM(Engine Control Module... | 1 |
| ECM(Engine Control Module... | 1 |
| Anti-Lock Brake(MGH-25)      |   |
|                              |   |
| 5/5                          |   |

| Select System                |    |
|------------------------------|----|
| Clear All DTC                |    |
| ECM(Engine Control Module... | 1  |
| ECM(Engine Control Module... | 1  |
| ECM(Engine Control Module... | 1  |
| ECM(Engine Control Module... | 1  |
| ECM(Engine Control Module... | 1  |
| IMM (Immobilizer)            | OK |
|                              |    |
| 1/6                          |    |

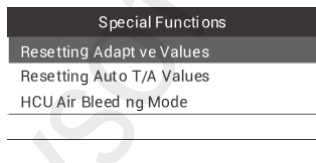
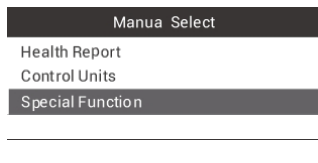
Po naciśnięciu przycisku [Control Units] zostanie wyświetlony ekran:

| Manual Select    |  |
|------------------|--|
| Health Report    |  |
| Control Units    |  |
| Special Function |  |
|                  |  |
|                  |  |
| 2/3              |  |

| Manual Select                     |  |
|-----------------------------------|--|
| ECM (Engine Control Module)       |  |
| TCM (Transmission Control Mo...   |  |
| ABS (Anti-lock Braking System)    |  |
| SRS (Supplemental Inflatable R... |  |
| AC (Air Conditioning)             |  |
| EPS (Electronic Power Steering)   |  |
| IMM (Immobilizer)                 |  |
| 1/8                               |  |



Naciśnij przycisk [Special Functions], aby wyświetlić następujące opcje:



Uwaga: Funkcje specjalne obsługiwane przez różne modele różnią się między sobą.

## 2.2 Funkcje specjalne

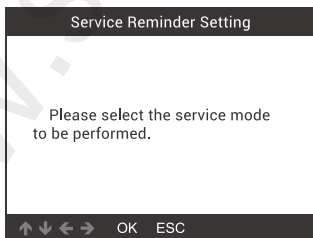
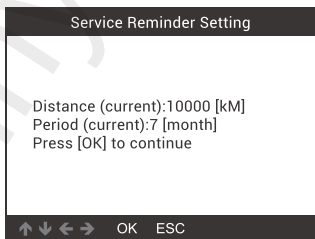
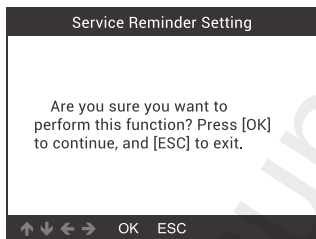
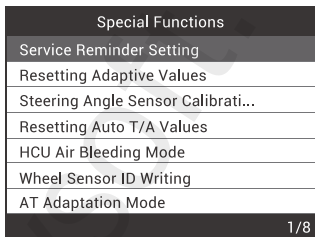
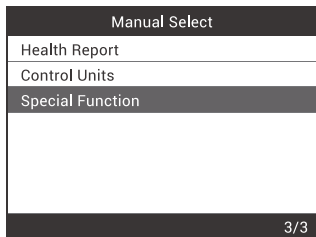
Powszechnie używane funkcje specjalne są następujące:

- ETC reset
  - Resetowanie ETC
- EPB Replace Brake Pad
  - Wymiana hamulca okładzin EPB
- Gearbox adaptation
  - Modyfikacja skrzyni biegów
- SAS
- Oil reset
  - Reset oleju
- TPMS reset
  - Reset systemu TPMS
- IQA
- BMS reset
  - Reset systemu BMS
- EGR reset
  - Resetowanie EGR
- ABS

Poniżej przedstawiamy dwie funkcje specjalne i wyjaśniamy je szczegółowo.

## 2.2.1 Ustawienie przypomnienia o usłudze Service Reminder Setting

Naciśnij przycisk [Special Functions] i przewiń do [Service Reminder Settings]. Postępuj zgodnie z instrukcjami wyświetlanymi na interfejsie, aby dokończyć ustawienia przypomnień serwisowych. Poszczególne kroki są następujące:



Naciśnij [OK], aby kontynuować, [ESC], aby wyjść.

-Możesz wprowadzić go ręcznie lub wybrać bezpośredni reset [Customize], aby dostosować liczbę kilometrów i częstotliwość. [Reset] dla bezpośredniego resetowania. Wybierz [Customize] A- [10000km]. [30000km]. [60000km] jest skróconym wejściem.

| Service Reminder Setting |
|--------------------------|
| Customize                |
| Reset                    |
|                          |
|                          |
|                          |
|                          |

1/2

| Service Reminder Setting |
|--------------------------|
| Set distance             |
| Set period               |
|                          |
|                          |
|                          |
|                          |

1/2

| Set distance |
|--------------|
| 10000km      |
| 30000km      |
| 60000km      |
| Manua input  |
|              |
|              |
|              |

1/4

B-[Manual Input] jest przeznaczone dla wejść niestandardowych

| Set distance |
|--------------|
| 10000km      |
| 30000km      |
| 60000km      |
| Manual input |
|              |
|              |
|              |

4/4

| Set distance |
|--------------|
|              |

Enter distance 0-99999:

|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | A | B | C | D | E | F | G | H | I | ↩ |
| 6 | 7 | 8 | 9 | 0 | J | K | L | M | N | O | P | Q | R | ↩ |
| . | + | - | * | / | S | T | U | V | W | X | Y | Z | ↩ | ↩ |

↩:Next Step

I/M:Scroll Text

## Set distance

The Service Reminder Setting of Distance has been completed, Please Press [OK] Button to Set period.

↑ ↓ ← → OK ESC

Naciśnij przycisk [OK], aby ustawić okres.

A- [6 miesięcy] [12 miesięcy] [18 miesięcy] jest zapisem skróconym

| Set distance |
|--------------|
| 6month       |
| 12month      |
| 18month      |
| Manual input |
|              |
|              |

1/4

B-[Manual Input] jest przeznaczone dla wejść niestandardowych

| Set distance |
|--------------|
| 6month       |
| 12month      |
| 18month      |
| Manual input |
|              |
|              |

4/4

| Set distance                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Enter period 0-99:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| <table border="1"> <tbody> <tr> <td>1</td><td>2</td><td>3</td><td>4</td><td>5</td><td>A</td><td>B</td><td>C</td><td>D</td><td>E</td><td>F</td><td>G</td><td>H</td><td>I</td><td>↩</td> </tr> <tr> <td>6</td><td>7</td><td>8</td><td>9</td><td>0</td><td>J</td><td>K</td><td>L</td><td>M</td><td>N</td><td>O</td><td>P</td><td>Q</td><td>R</td><td>⏏</td> </tr> <tr> <td>.</td><td>+</td><td>-</td><td>*</td><td>/</td><td>S</td><td>T</td><td>U</td><td>V</td><td>W</td><td>X</td><td>Y</td><td>Z</td><td>↩</td><td>↩</td> </tr> </tbody> </table> | 1 | 2 | 3 | 4 | 5 | A | B | C | D | E | F | G | H | I | ↩ | 6 | 7 | 8 | 9 | 0 | J | K | L | M | N | O | P | Q | R | ⏏ | . | + | - | * | / | S | T | U | V | W | X | Y | Z | ↩ | ↩ |
| 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 2 | 3 | 4 | 5 | A | B | C | D | E | F | G | H | I | ↩ |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 7 | 8 | 9 | 0 | J | K | L | M | N | O | P | Q | R | ⏏ |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| .                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | + | - | * | / | S | T | U | V | W | X | Y | Z | ↩ | ↩ |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| ↩:Next Step I/M:Scroll Text                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |

Dostosowanie przebiegu i okresowości jest kompletne.

Set period

The function is complete

↑ ↓ ← → OK ESC

[Reset] do bezpośredniego resetowania

Service Reminder Setting

Customize

Reset

Service Reminder Setting

Are you sure you want to perform this function? Press [OK] to continue, and [ESC] to exit.

2/2

↑ ↓ ← → OK ESC

Wznowienie konserwacji zakończone.

Uwaga: Powyższy **tekst jest główną treścią pozycji Resetuj kontrolkę serwisową oleju**; postępuj zgodnie z powyższymi instrukcjami.

## 2.2.2 Przywracanie wartości adaptacyjnych Resetting Adaptive Values

Naciśnij przycisk [Special Functions] i przewiń do [Resetting Adaptive Values] Postępuj zgodnie z instrukcjami wyświetlanymi na interfejsie, aby zakończyć resetowanie wartości adaptacyjnych. Konkretnie kroki pokazano na poniższym rysunku:

## Special Functions

Service Reminder Setting

Resetting Adaptive Values

Steering Angle Sensor Calibrati ..

Resetting Auto T/A Values

HCU Air Bleeding Mode

Wheel Sensor ID Writing

AT Adaptat on Mode

2/8

## Resetting Adaptive Values

[Conditions]

- 1 Ignition switch on
- 2 Eng ne off

 OK ESC

## Resetting Adaptive Values

Are you sure?

[Conditions: ignition on, engine  
off]

## Resetting Adaptive Values

The function is complete.

 OK ESC

 OK ESC

**Uwaga: Funkcje specjalne każdego modelu różnią się w zależności od rzeczywistego działania.**

### 3 System OBDII

#### 3.1 Odczyt kodów

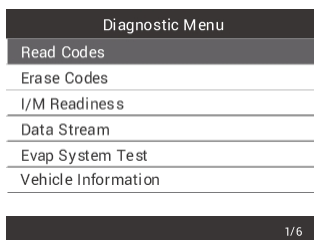
Zapisane kody są również znane jako "kody twarde" lub "kody stałe". Kody te powodują zaświecenie się lampki kontrolnej awarii (MIL) w module sterującym w przypadku wystąpienia usterki związanej z emisją spalin.

Kody oczekujące są również określane jako "kody dojrzewające" lub "kody ciągłego monitorowania".

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

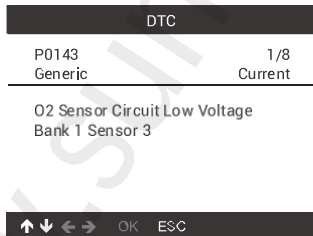
Jeśli podczas następnego cyklu nagrzewania nie wystąpi żadna usterka, kontrolka usterki nie zaświeci się, a kody zostaną usunięte z pamięci.

1) Użyj przycisku przewijania W GÓRĘ/W DÓŁ, aby wybrać opcję Odczyt kodu z menu diagnostycznego i naciśnij przycisk [OK].



Jeśli nie ma diagnostycznych kodów usterek, na wyświetlaczu pojawi się komunikat "No (pending) codes stored in the module!" ("Brak (oczekujących) kodów zapisanych w module!"). ("W module nie są zapisane żadne (oczekujące) kody!"). Odczekaj kilka sekund lub naciśnij dowolny przycisk, aby powrócić do menu diagnostycznego.

2) Wyświetlanie kodów DTC i ich definicji na ekranie.

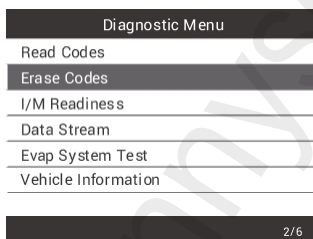


W prawym górnym rogu wyświetlacza wyświetlany jest numer modułu sterującego, sekwencja kodów DTC, łączna liczba wykrytych kodów i typ kodu (ogólny lub specyficzny dla producenta).

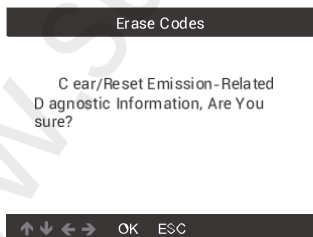
### 3.2 Usuwanie k o d ó w **Erase Codes**

Uwagi: ta funkcja jest wykonywana przy wyłączonym silniku. Nie należy uruchamiać silnika. Przed wykonaniem tej funkcji należy upewnić się, że kody błędów zostały odczytane i zarejestrowane. Po wyczyszczeniu należy ponownie wczytać kody usterek lub włączyć zapłon i ponownie wczytać kody. Jeśli nadal istnieją kody usterek dla poważnych usterek, najpierw należy znaleźć przyczynę, która spowodowała kod usterki, a następnie usunąć problem. Kody usterek można teraz skasować.

1) Za pomocą przycisków przewijania W GÓRĘ/W DÓŁ wybierz opcję Wyczyść kody z menu diagnostycznego i naciśnij przycisk [OK].



2) Pojawi się komunikat ostrzegawczy z prośbą o potwierdzenie.



### 3) Naciśnij przycisk [OK], aby potwierdzić.

#### Erase Codes

Please Turn Ignition ON with Engine Off, Press OK key to continue!

↑ ↓ ← → OK ESC

#### Erase Codes

Emission-Related Diagnostic Information has been cleared!

↑ ↓ ← → OK ESC

## 3.3 Gotowość do I / M I/M Readiness

I/M odnosi się do kontroli i konserwacji, które są regulowane przez rząd w celu spełnienia stanowych norm czystości powietrza.

I/M Readiness wskazuje, czy istnieją różne rodzaje gotowości.

systemy związane z emisją spalin pojazdu działają prawidłowo i są gotowe do kontroli i konserwacji. Funkcja I/M Readiness Monitor może być również używana (po usunięciu usterki) w celu potwierdzenia, że naprawa została przeprowadzona prawidłowo i/lub w celu sprawdzenia stanu działania monitora.

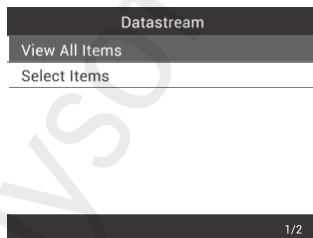
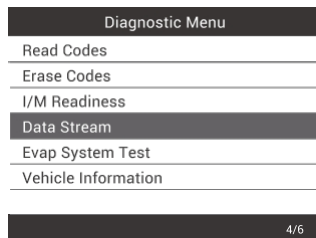
| Diagnostic Menu      |
|----------------------|
| Read Codes           |
| Erase Codes          |
| <b>I/M Readiness</b> |
| Data Stream          |
| Evap System Test     |
| Vehicle Information  |
| 3/6                  |

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

### 3.4 Przegląd danych Data Stream

Narzędzie skanujące OBDII to specjalne narzędzie diagnostyczne, które komunikuje się z komputerem pojazdu. Narzędzie skanujące umożliwia przeglądanie danych "na żywo" w czasie rzeczywistym. Informacje te obejmują odczyty (napięcie, obroty, temperatura, prędkość itp.) oraz informacje o stanie systemu (pętla otwarta, pętla zamknięta, stan układu paliwowego itp.) generowane przez różne czujniki, przełączniki i siłowniki w pojeździe.

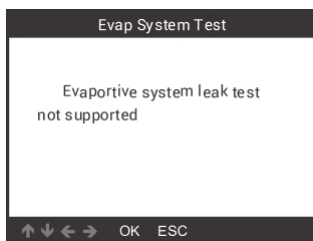
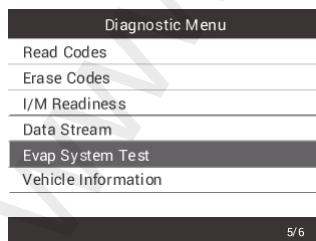
Naciśnij przycisk OK



### 3.5 Test szczelności parownika Evap Leak Test

Ta funkcja umożliwia ustawienie warunków wymaganych do przeprowadzenia testu szczelności parownika, ale w rzeczywistości nie wykonuje testu. Obowiązkiem producenta pojazdu jest ustawienie kryteriów automatycznego zatrzymania testu.

Przed wykonaniem tej funkcji należy zapoznać się z instrukcją serwisową pojazdu w celu uzyskania niezbędnych procedur.



### 3.6 Informacje o pojeździe **Vehicle Information**

Wybierz [Vehicle Information] i naciśnij [OK], ekran wyświetli informacje takie jak VIN (numer identyfikacyjny pojazdu), CID (identyfikator kalibracji) i CVN (numer weryfikacji kalibracji).

| Diagnostic Menu            |
|----------------------------|
| Read Codes                 |
| Erase Codes                |
| I/M Readiness              |
| Data Stream                |
| Evap System Test           |
| <b>Vehicle Information</b> |

| Vehicle Information                                      |
|----------------------------------------------------------|
| Vehicle Identification Number(VIN):<br>LVSFBFAC94F020950 |
| Cal bration Identifications(CID):<br>000007550753        |
| Cal bration Ver fication Numbers(CVN):<br>B5073064       |
| ↑ ↓ ← → OK ESC                                           |

## 4. Ustawienia narzędzia **ToolSetup**

### 4.1 Język **Language**

Wybierz opcję [Language], aby wyświetlić następujące opcje:

| Tool Setup                       |
|----------------------------------|
| <b>Language</b>                  |
| Beeper                           |
| Instructions(Display at startup) |
| Unit of Measure                  |
| Skin Style                       |
| Device Information               |
| 1/6                              |

| Language       |
|----------------|
| <b>Eng ish</b> |
| Deutsch        |
| Français       |
| Español        |
| Italiano       |
| Русский        |
| Português      |
| 1/13           |

## 4.2S y g n a ł dźwiękowy **Beeper**

Po wybraniu opcji [Beeper] pojawi się następujący ekran:

| Tool Setup                       |
|----------------------------------|
| Language                         |
| <b>Beeper</b>                    |
| Instructions(Display at startup) |
| Unit of Measure                  |
| Skin Style                       |
| Device Information               |
| 2/6                              |

| Beeper |
|--------|
| OFF    |
| ON     |
|        |
|        |
|        |
|        |
| 1/2    |

## 4.3 Instrukcje (wyświetlane podczas uruchamiania)

### **Instructions(Display at startup)**

Wybierz [Instructions(Display at startup)] Instrukcje (wyświetlane podczas uruchamiania), a wyświetlone zostaną następujące informacje:

| Tool Setup                              |
|-----------------------------------------|
| Language                                |
| Beeper                                  |
| <b>Instructions(Display at startup)</b> |
| Unit of Measure                         |
| Skin Style                              |
| Device Information                      |
| 3/6                                     |

| Instructions(Display at startup) |
|----------------------------------|
| OFF                              |
| ON                               |
|                                  |
|                                  |
|                                  |
|                                  |
|                                  |
| 1/2                              |

## 4.4 Jednostka miary Unit of measure

Po wybraniu opcji [Unit of measure] zostanie wyświetlony następujący ekran:

| Tool Setup                       |
|----------------------------------|
| Language                         |
| Beeper                           |
| Instructions(Display at startup) |
| <b>Unit of Measure</b>           |
| Skin Style                       |
| Device Information               |

4/6

| Unit of measure |
|-----------------|
| <b>Mertic</b>   |
| Imperial        |
|                 |
|                 |
|                 |
|                 |

1/2

## 4.5 Styl wyglądu Skin Style

Po wybraniu opcji [Skin style] zostanie wyświetlony następujący ekran:

| Tool Setup                       |
|----------------------------------|
| Language                         |
| Beeper                           |
| Instructions(Display at startup) |
| Unit of Measure                  |
| <b>Skin Style</b>                |
| Device Information               |

5/6

| Skin Style      |
|-----------------|
| <b>Sky Gray</b> |
| Gem Blue        |
|                 |
|                 |
|                 |
|                 |

1/2

## 4.6 Informacje o urządzeniu Device information

Po wybraniu opcji [Skin style] zostanie wyświetlony następujący ekran:

| Tool Setup                       |
|----------------------------------|
| Language                         |
| Beeper                           |
| Instructions(Display at startup) |
| Unit of Measure                  |
| Skin Style                       |
| <b>Device Information</b>        |

6/6

| Device Information |                        |
|--------------------|------------------------|
| Software Version:  | 01.62.000              |
| Hardware Version:  | 01.10.000              |
| Serial Number:     | Autophix20180300000001 |

↑

↓

←

→

OK

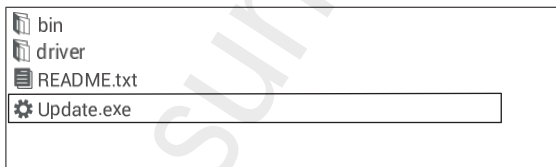
ESC

## 5 Informacje zwrotne i aktualizacje

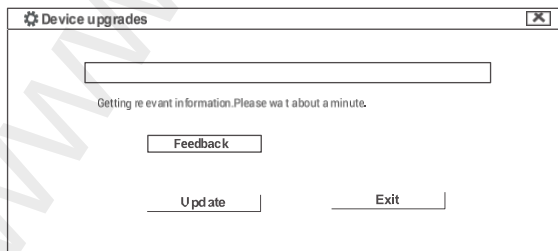
Jeśli jesteś w trakcie testowania, coś jest nie tak z testowaniem, wyślij dokument z informacją zwrotną. Pobierz plik aktualizacji na swój komputer ze strony internetowej AUTOPHIX. Urządzenie jest podłączone do komputera za pomocą kabla USB.

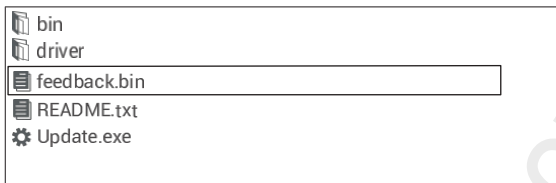


Po wybraniu pliku "Update" wyświetlony zostanie następujący komunikat:



Po kliknięciu przycisku "Opinie" pojawi się następujący ekran:





Prosimy o przesłanie pliku feedback.bin na adres support@autophix.com.

Jeśli konieczna jest aktualizacja, należy zwrócić uwagę na następujące kwestie:

- 1) Podczas aktualizacji oprogramowania urządzenie obsługuje tylko system Windows 7/8/10/11.
- 2) Można go aktualizować bezpośrednio w systemach Windows 8 i Windows 10/11 system.
- 3) Jeśli na komputerze jest zainstalowany system Windows 7, jest to ma zainstalowany sterownik urządzenia.

Uwaga:

Oprogramowanie do aktualizacji jest obsługiwane tylko przez Windows 7/8/10/11, ale nie jest obsługiwane przez Windows XP i macOS. Jeśli **nie** rozumiesz kroków aktualizacji opisanych w instrukcji, skontaktuj się z nami.

### . Procedury serwisowe

W razie jakichkolwiek pytań prosimy o kontakt z lokalnym sklepem, dystrybutorem lub odwiedzenie naszej strony internetowej [www.autophix.com](http://www.autophix.com).

W przypadku konieczności zwrotu skanera do naprawy należy skontaktować się z

Więcej informacji można uzyskać u lokalnego dystrybutora.

### **Dostawca/Dystrybutor**

Sunnysoft s.r.o.  
Kovanecká 2390/1a  
190 00 Praga 9  
Republika Czeska  
[www.sunnysoft.cz](http://www.sunnysoft.cz)

# AUTOPHIX<sup>®</sup>

## UPUTE ZA UPORABU

# 9500



## SIGURNOSNO UPOZORENJE

Kako biste spriječili tjelesne ozljede ili oštećenje vozila i/ili alata za skeniranje, prvo pročitajte ovaj priručnik s uputama i pridržavajte se barem sljedećih sigurnosnih mjera opreza prilikom rada na vozilu:

Uvijek provodite testiranje automobila u sigurnom okruženju. Ne pokušavajte upravljati ili promatrati uređaj tijekom vožnje. Upravljanje ili promatranje alata odvlači pažnju vozača i može uzrokovati smrtonosnu nesreću.

Nosite zaštitu za oči koja zadovoljava ANSI standarde. Radite s vozilom u dobro prozračenom radnom prostoru: Ispušni plinovi su otrovni.

Stavite mjenjač u PARK (automatski mjenjač) ili NEUTRAL (ručni mjenjač) i provjerite je li parkirna kočnica aktivirana.

Alat za skeniranje držite suhim, čistim i bez ulja/vode ili masnoće. Ako je potrebno, očistite vanjski dio alata za skeniranje blagim deterdžentom na čistoj krpi.

Savjeti: Prilikom korištenja proizvoda, prije pokretanja priključite ga na automobil.

## O 9500

1.

Pokrivenost 1) 9500 radi na većini američkih, europskih i azijskih vozila s OBDII nakon 996.

2) Hyundai 1999.-2021.

Podržava većinu Hyundai vozila s OBD16PIN sučeljem s naponom od 12 V.

Na primjer Accent(HC). Accent(HC)-US Accent/Verna(HCI) Naglasak (LC). Naglasak (MC). Naglasak (RB) Naglasak/Solaris (RBr). Accent/Solaris(HCR). Atos Prime (MXL). Atos (MX).

Atos(MXI)-PDF、Creta(GS)、Creta(GSB)、Creta(GSR)、  
 Creta(SU2I)、Centennial(LZ)、Equus/Centennial(VI)、Elantra  
 Coupe(JK)、Elantra(AD)、Elantra(ADA)、Elantra(ADI)、  
 Elantra(CN7)、Elantra(HD)、Elantra(MD)、Elantra(MDI)、  
 Elantra(UD)、Elantra(XD)、Eon(HA)、G70(IK)、G70(IK)-U.S.、  
 G80(DH)、G80(DH)-U.S.、G80(RG3)、GV80(JX1)、G90(HI)、  
 G90(HI)-U.S.、Genesis Coupe(BK)、Genesis Coupe(BK  
 US)-U.S.、Genesis(BH)、Genesis(BH US)-U.S.、Genesis(DH)  
 、Getz(TB)、Grand i10 Nios/Aura(AI3)、Grand i10/Xcent(BA)  
 、Grand Santafe(NC)、Grandeur(XG)、Grandeur/Azera(HG)、  
 Grandeur/Azera(IG)、Grandeur/Azera(TG)、H-1 Truck(SR)、  
 H-1(A1)、H-1/iMAX/iLOAD(TQ)、H-100 TRUCK(HR)、  
 H350(EU)、HB20(HB)、HB20(BR2)、HD Coupe(GK)、i10(IA)、  
 i10(PA)、i10(AC3)、i20(GB)、i20(IB)、i20(PB)、i20(BC3)、  
 i30(FDe)、i30(GD)、i30(GDe)、i30(PD)、i30(PDE)、  
 i30N(PDEN)、i30/Elantra Neos(FD)、i40(VF)、IONIQ  
 Electric(AE EV)、IONIQ Hybrid(AE HEV)、IONIQ Phev(AE PHEV)  
 、ix20(JC)、ix35 FCEV(LM FCEV)、ix35(EL)、Kona(OS)、Kona  
 Electric(OS EV)、Kona Electric(OSe EV)、Kona Electric(OSi EV)  
 、Kona Hybrid(OS HEV)、Matrix(FC)、Nexo(FE)、  
 Palisade(LX2)、Reina(CB)、Santafe(TM)、Santafe(TMA)、  
 Santro(AH2)、Santafe Sport(DMA)、Santafe(CM)、  
 Santafe(DM)、Santafe(DMI)、Santafe(SM)、Sonata Hybrid(LF  
 HEV)、Sonata Hybrid(LF HEV)-U.S.、Sonata Hybrid(YF HEV)、  
 Sonata Hybrid(YF HEV)-U.S.、Sonata Hybrid(YF HEV US)-U.S.  
 、Sonata(DN8)、Sonata Hybrid(DN8 HEV)、Sonata(DN8A)-For  
 Mexico、Sonata(EF)、Sonata(LF)、Sonata(LFA)、Sonata(NF)  
 、Sonata(YFI)、Sonata(YFA)-U.S.、Sonata/i45(YF)、  
 Terracan(HP)、Trajet XG(FO)、Tucson FFV(JM FFV)、  
 Tucson(JM)、Tucson (LM)-BRAZIL、Tucson/ix35(LM)、  
 Tucson(TL)、Tucson(TLe)、Tucson(TLI)、Veloster(FS)、  
 Veracruz/ix55(EN)、Verna(RBI)、Veloster N(JSN)、  
 Veloster(JS)、Venue(QX)、Venue(QXI)、Accent(HC)、  
 Accent(RB)、Accent(MC)、Accent(LC)、Azera(HG)、Azera(TG)  
 、Elantra(AD)、Elantra(ADA)、Elantra GT(PD)、Elantra(MD)、

Elantra(UD)、Elantra(HD)、Elantra(XD)、Elantra Coupe(JK)、  
 Elantra GT(GD)、Elantra Touring(FD)、Entourage(EP)、  
 Equus(VI)、G80(DH)、G80(RG3)、GV80(JX1)、G90(HI)、  
 G70(IK)、Genesis(BH)、Genesis(DH)、Genesis Coupe(BK)、  
 IONIQ Electric(AE EV)、IONIQ Hybrid(AE HEV)、IONIQ Plug-in  
 Hybrid(AE PHEV)、Kona(OS)、Kona Electric(OS EV)、Nexo(FE)、  
 Palisade(LX2)、Santafe(TMA)、Santafe(NC)、Santafe(CM)、  
 Santafe(SM)、Santafe Sport(DMA)、Sonata Hev(LF HEV)、  
 Sonata Phev(LF PHEV)、Sonata(LFA)、Sonata(YFA)、  
 Sonata(NF)、Sonata(EF)、Sonata Hybrid(YF HEV)、Sonata  
 Hybrid(DN8 HEV)、Sonata(DN8A)、Tucson FceV(LM FCEV)、  
 Tucson(TL)、Tiburon(GK)、Tucson(LM)、Tucson(JM)、  
 Veloster(FS)、Veloster N(JSN)、Veloster(JS)、Venue(QX)、  
 Veracruz(EN)、XG(XG).

### 3) KIA 2000.-2021.

Podržava većinu KIA vozila s OBDI 6PIN 12V sučeljem.

Na primjer Besta (TP). Cadenza (VG). Cadenza (YG). Carens  
 (FJ)、Carens(UN)、Carens/Rondo(RP)、Carnival/Sedona  
 (GQ)、Carnival/Sedona(VQ)、Carnival/Sedona(YP)、Carnival  
 (YP) - Israel、Carnival(YPi)、Cee'd(ED)、Cee'd(JD)、Cee'd  
 (CD)、Ceed PHEV(CD PHEV)、Ceed(CD) - ProCeed (Shooting  
 Brake)、Ceed(CD) - Sportswagon、Cerato/Forte(BD)、  
 Cerato/Forte(BDm)、Cerato(LD)、Cerato/Forte(TD)、  
 Cerato/Forte(YD)、Cerato/Forte(YDm)、K900(RJ)、  
 K2500/K2700/K3000/K3000S(PU)、K5 HEV(DL3 HEV)、K5  
 (DL3)、Mohave/Borrego(HM)、Niro(DE HEV)、Niro(DE  
 HEV)-For Mexico、Niro(DE EV)、Niro(DE PHEV)、Niro(DE  
 PHEV)-For Mexico、Opirus(GH)、Optima HEV(JF HEV)、  
 Optima PHEV(JF PHEV)、Optima (JF)、Optima(JFA) - For  
 Central And South America、Optima(QF)-For Central and  
 South America、Optima HEV(TF HEV)、Optima(TF)、  
 Optima/Magentis(MG)、Optima/Magentis(MS)、Pegas/Soluto  
 (AB)、Picanto(SA)、Picanto(TA)、Picanto/Morning(JA)、

Pregio (FP). Quoris(KH). RIO(BC). RIO(JB). RIO(QBR).  
 RIO(UB)- RIO(FB). RIO(SC). RIO(YB). SeItos (SP2).  
 SeItos (SP2i). Sephia (FBI 2). Shuma/Spectra (SD). Sorento  
 (BL). Sorento (UM). Sorento (XM). Sorento (UMA) - za Srednju i  
 Južnu Ameriku. Sorento (XMA) - za Srednju i Južnu Ameriku.  
 Seoul EV (SK3 EV). Seoul EV (SK3 EV) - za Meksiko. Seoul (SK3).  
 Soul (SK3) - za Meksiko. Seul (SK3A). Seul EV (PS EV).  
 Seul (AM). Seul (PS). Seul (PS) - za Meksiko. Sportage (KM).  
 Sportage (SL). Sportage (SLE). Sportage (QL)

Sportage (QL) - Za Meksiko. Sportage (QLE).  
 Sportage (QLE) - za Meksiko. Stinger (CK). Stonic (YB CUV).  
 Telluride(ON). Telluride(ON)-Za Meksiko. Venga (YN). XCeed  
 PHEV (CD CUV PHEV). XCeed (CD CUV). Amanti (GH).  
 Borrego (HM). kadenca (VG). Kadenca (YG). Forte (BDm).  
 Forte (YD). Forte (YDm). Forte/Forte Koup(TD). Forte (BD).  
 K5(DL3A). K900(RJ). K900(KH). Niro (DE EV). Niro (DE HEV)  
 Niro (DE PHEV). Optima Hybrid (JF HEV). Optima hibrid (TF HEV).  
 Optima PHEV (JF PHEV). Optima (JF). Optima (JFA).  
 Optima (MG). Optima (MS). Optima (TF/QF). RIO(BC). RIO(JB).  
 RIO(SC). RIO (UB). Rondo (UN). Sedona (GQ).  
 Sedona (VQ). Sedona (YP). Sephia (FB). Sorento (BL).  
 Sorento (UMA). Sorento (XM). SeItos (SP2). Seul EV (PS EV)  
 Seul EV (SK3 EV). Seul (AM). Seul (PS). Seul (SK3).  
 Spectra (LD). Spectra (SD). Sportage (AL). Sportage (KM).  
 Sportage (QL). Sportage (SL). Stinger (CK). Telluride (ON).

## 2. Specifikacije proizvoda

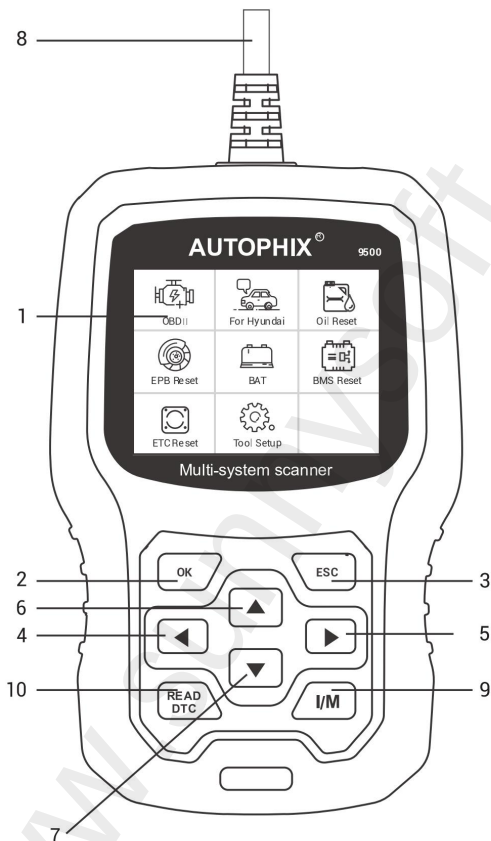
- 2,8" LCD zaslon, zaslon u boji rezolucije 320 x 240 piksela

- Radni napon: • 8V~18V

Radna temperatura: 0 - 60 °C (32 - 140 °F)

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

### 3. Izgled i opis gumba



1. LCD ZASLON - prikazuje rezultate ispitivanja. Zaslون s pozadinskim osvjetljenjem rezolucije 320 x 240 piksela.
2. GUMB [OK] - Potvrđuje odabir (ili radnju) iz izbornika.
3. [ESC] - Poništava odabir (ili radnju) u izborniku ili vraća na izbornik.

4. TIPKA ZA POMICANJE [LIJEVO] - u načinu izbornika, pomicanje lijevo kroz izbornike i podmenije, pri kretanju po podatkovnom sučelju, koristite lijevu tipku za pomicanje na posljednji zaslon.

5. TIPKA ZA POMICANJE [DESNO] - u načinu izbornika pomičete se udesno kroz stavke izbornika i podmenije, prilikom navigacije podatkovnim sučeljem možete koristiti desnu tipku za prelazak na sljedeći zaslon.

6. TIPKA ZA POMICANJE [GORE] - U načinu rada izbornika, pomiče se gore kroz stavke izbornika i podmenije . Prilikom učitavanja podataka za više od jednog zaslona, pomiče se na prethodni zaslon za dodatne podatke.

7. GUMB ZA POMICANJE [DOLJE] - U načinu rada izbornika, pomiče se prema dolje kroz stavke izbornika i podmenije. Prilikom učitavanja više od jednog zaslona s podacima, pomiče se prema dolje na sljedeći zaslon za više podataka.

8. OBD-16-PINSKI KONEKTOR - Spaja dijagnostički uređaj na podatkovni konektor (DLC) vozila.

9. TIPKA [I/M] - brza provjera spremnosti za emisije i verifikacija ciklusa vožnje.

10. TIPKA [READ DTC] - Brzo očitavanje kodova grešaka vozila.

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

#### Komentar:

Žuta lampica MIL - UKLJUČENA

SVJETLO siva - SVJETLO ISKLJUČENO

⊘ ne podržava

✓ završeno

✗ nedovršeno

## UPUTE ZA UPORABU

### 1. Veza 9500

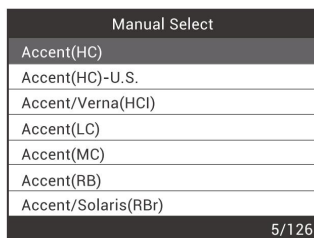
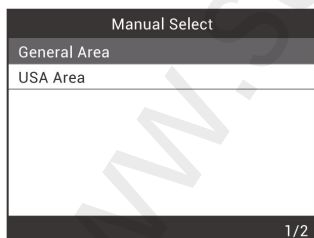
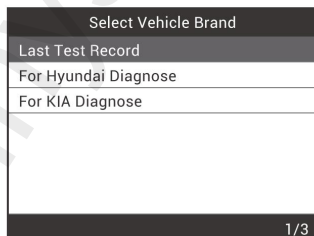
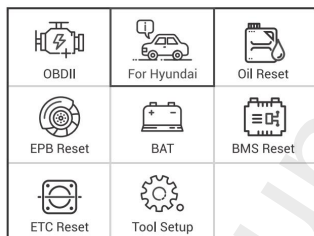
1.1 Uključite paljenje.

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

### 2. Funkcija 9500

#### 2.1 Za Hyundai KIA

Ovaj proizvod uglavnom testira marke Hyundai i KIA. Odaberite [Za Hyundai KIA], prikazat će se sljedeće:



| Manual Select |  |
|---------------|--|
| 2011          |  |
| 2010          |  |
| 2009          |  |
| 2008          |  |
| 2007          |  |
| 2006          |  |
|               |  |
| 1/6           |  |

| Manual Select |  |
|---------------|--|
| G 1.6 DOHC    |  |
| G 1.4 DOHC    |  |
| D 1.5 TCI-U   |  |
|               |  |
|               |  |
| 1/3           |  |

| Manual Select    |  |
|------------------|--|
| Health Report    |  |
| Control Units    |  |
| Special Function |  |
|                  |  |
|                  |  |
| 1/3              |  |

2.1.1 Pritisnite tipku [OK] za nastavak, pritisnite tipku [Health Report], slike su sljedeće:

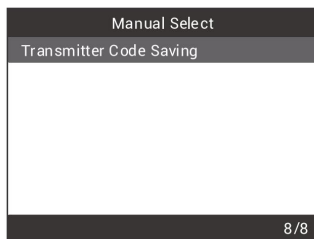
| Scanning ... [58%]            |   |
|-------------------------------|---|
| ECM (Engine Control Module... | 1 |
| ECM (Engine Control Module... | 1 |
| ECM (Engine Control Module... | 1 |
| ECM (Engine Control Module... | 1 |
| Anti-Lock Brake(MGH-25)       |   |
|                               |   |
| 5/5                           |   |

| Select System                 |    |
|-------------------------------|----|
| Clear All DTC                 |    |
| ECM (Engine Control Module... | 1  |
| ECM (Engine Control Module... | 1  |
| ECM (Engine Control Module... | 1  |
| ECM (Engine Control Module... | 1  |
| IMM (Immobilizer)             | OK |
|                               |    |
| 1/6                           |    |

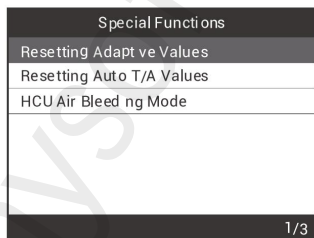
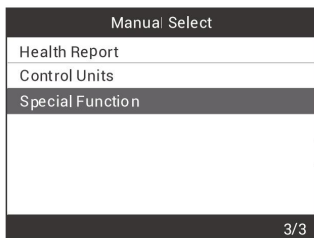
Pritisnite [Control Units], pojavit će se sljedeće:

| Manual Select    |  |
|------------------|--|
| Health Report    |  |
| Control Units    |  |
| Special Function |  |
|                  |  |
|                  |  |
| 2/3              |  |

| Manual Select                     |  |
|-----------------------------------|--|
| ECM (Engine Control Module)       |  |
| TCM (Transmission Control Mo...   |  |
| ABS (Anti-lock Braking System)    |  |
| SRS (Supplemental Inflatable R... |  |
| AC (Air Cond t oning)             |  |
| EPS (Electronic Power Steering)   |  |
| IMM (Immobilizer)                 |  |
| 1/8                               |  |



Pritisnite gumb [Special Functions], prikazat će se sljedeće:



Napomena: Posebne značajke koje podržavaju različiti modeli razlikuju se.

razlikuje se.

## 2.2 Posebne funkcije

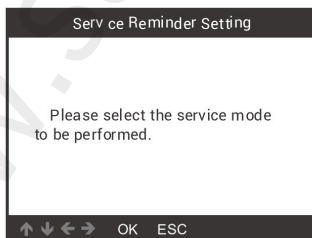
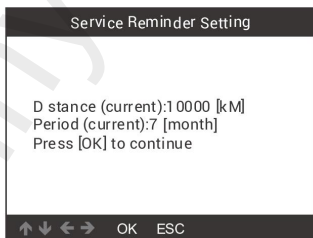
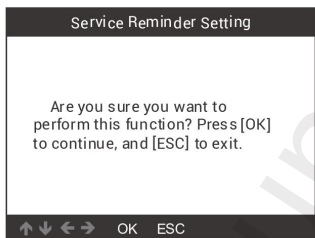
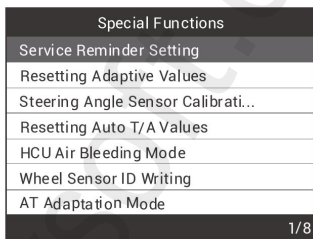
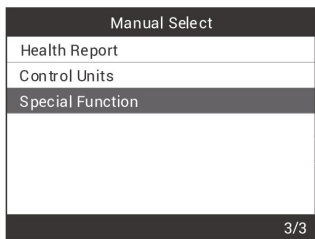
Često korištene posebne funkcije su sljedeće:

- **ETC reset**
  - Resetiranje ETC-a
- **EPB Replace Brake Pad**
  - Zamjena obloga EPB kočnica
- **Gearbox adaptation**
  - Modifikacija mjenjača
- **SAS**
- **Oil reset**
  - Resetiranje ulja
- **TPMS reset**
  - Resetiranje sustava TPMS
- **IQA**
- **BMS reset**
  - Resetiraj sustav BMS
- **EGR reset**
  - Resetiraj EGR
- **ABS**

U nastavku ćemo odabrati dvije posebne značajke i detaljno ih objasniti.

## 2.2.1 Postavljanje podsjetnika za servis Service Reminder Setting

Pritisnite gumb [Special Functions] i idite na [Service Reminder Settings].  
Slijedite upute na sučelju za dovršetak postavki podsjetnika za servis.  
Konkretni koraci su sljedeći:



Pritisnite [OK] za nastavak, [ESC] za izlaz.

-Možete ga unijeti ručno ili odabrati izravno resetiranje [Customize] za prilagodbu kilometraže i periodičnosti [Reset] za izravno resetiranje. Odaberimo [Customize]A-[10000kM]. [30000kM]. [60000kM] je skraćeni unos.

| Service Reminder Setting |  |
|--------------------------|--|
| Customize                |  |
| Reset                    |  |
| 1/2                      |  |

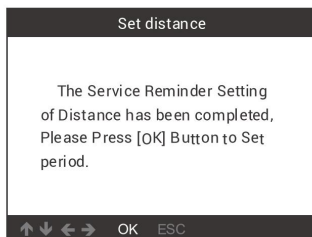
| Service Reminder Setting |  |
|--------------------------|--|
| Set distance             |  |
| Set period               |  |
| 1/2                      |  |

| Set distance |  |
|--------------|--|
| 10000kM      |  |
| 30000kM      |  |
| 60000kM      |  |
| Manual input |  |
| 1/4          |  |

B-[Manual Input] je za prilagođene unose

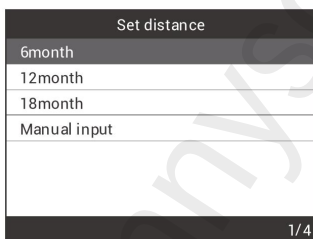
| Set distance |  |
|--------------|--|
| 10000kM      |  |
| 30000kM      |  |
| 60000kM      |  |
| Manual input |  |
| 4/4          |  |

| Set distance                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Enter distance 0-99999:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| <table border="1"> <tbody> <tr> <td>1</td><td>2</td><td>3</td><td>4</td><td>5</td><td>A</td><td>B</td><td>C</td><td>D</td><td>E</td><td>F</td><td>G</td><td>H</td><td>I</td><td>⏮</td> </tr> <tr> <td>6</td><td>7</td><td>8</td><td>9</td><td>0</td><td>J</td><td>K</td><td>L</td><td>M</td><td>N</td><td>O</td><td>P</td><td>Q</td><td>R</td><td>⏭</td> </tr> <tr> <td>.</td><td>+</td><td>-</td><td>*</td><td>/</td><td>S</td><td>T</td><td>U</td><td>V</td><td>W</td><td>X</td><td>Y</td><td>Z</td><td>⏪</td><td>⏩</td> </tr> </tbody> </table> |   | 1 | 2 | 3 | 4 | 5 | A | B | C | D | E | F | G | H | I | ⏮ | 6 | 7 | 8 | 9 | 0 | J | K | L | M | N | O | P | Q | R | ⏭ | . | + | - | * | / | S | T | U | V | W | X | Y | Z | ⏪ | ⏩ |
| 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 2 | 3 | 4 | 5 | A | B | C | D | E | F | G | H | I | ⏮ |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 7 | 8 | 9 | 0 | J | K | L | M | N | O | P | Q | R | ⏭ |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| .                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | + | - | * | / | S | T | U | V | W | X | Y | Z | ⏪ | ⏩ |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| ⏮:Next Step I/M:Scroll Text                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |

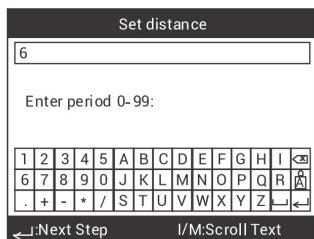
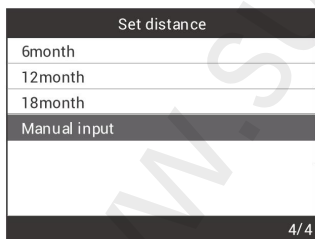


Pritisnite [OK] za postavljanje razdoblja.

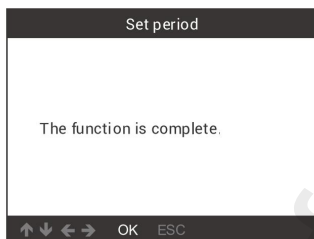
A- [6 mjeseci]. [12 mjeseci]. [18 mjeseci] je skraćeni unos



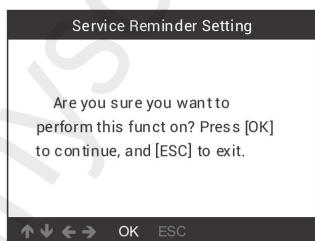
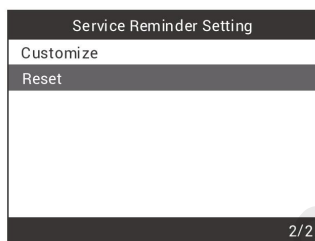
B-[Manual Input] je za ručni unos



Podešavanje kilometraže i periodičnosti je završeno.



[Reset] za izravno resetiranje



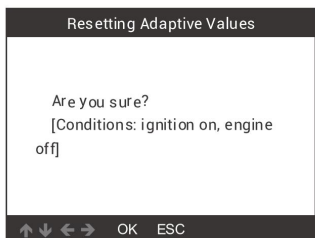
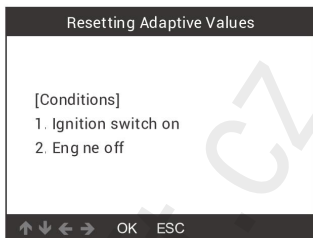
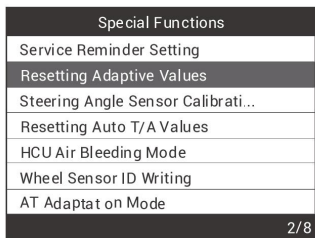
Vraćanje nakon održavanja završeno.

Napomena: Gornji tekst je glavni sadržaj stavke Resetiranje lampice za servis ulja; slijedite gornje upute.

## 2.2.2 Vraćanje adaptivnih vrijednosti

## Resetting Adaptive Values

Pritisnite gumb [Special Functions] i idite na [Resetting Adaptive Values]. Slijedite upute na sučelju za dovršetak resetiranja adaptivnih vrijednosti. Specifični koraci prikazani su na slici ispod:



Napomena: Posebne značajke razlikuju se ovisno o modelu.  
prema trenutnom prometu.

### 3. OBDII sustav

#### 3.1 Pročitajte kodove

Pohranjeni kodovi poznati su i kao "tvrdi kodovi" (hard codes) ili "trajni kodovi" (permanent codes). Ovi kodovi uzrokuju paljenje lampice indikatora neispravnosti (MIL) upravljačkom modulu kada se dogodi kvar povezan s emisijama.

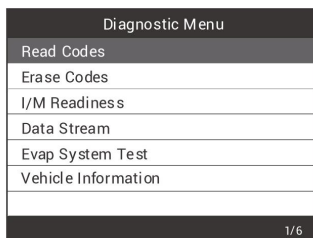
Kodovi na čekanju nazivaju se i "kodovi sazrijevanja" (maturing codes) ili "kodovi kontinuiranog praćenja" (continuous monitor codes).

Označava problem koji je upravljački modul otkrio tijekom trenutnog ili posljednjeg ciklusa vožnje, ali se ne uzima u obzir ozbiljan.

Ako se tijekom sljedećeg ciklusa zagrijavanja ne pojavi kvar, lampica indikatora kvara neće svijetliti i kodovi će se pohraniti.  
će izbrisati.

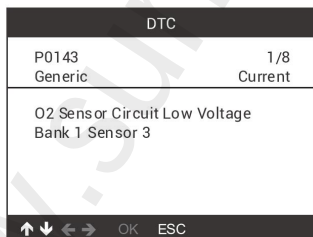
1) Pomoću tipke za pomicanje GORE/DOLJE odaberite Čitaj kodove u dijagnostičkom izborniku i pritisnite tipku .

[U REDU].



Ako nema dijagnostičkih kodova grešaka, na zaslonu će se prikazati sljedeće na zaslonu se prikazuje poruka "U modulu nisu pohranjeni (neobrađeni) podaci" kodovi!". ("No (pending) codes are stored in the module!") Pričekajte nekoliko sekundi ili pritisnite bilo koju tipku. tipke za povratak u dijagnostički izbornik.

2) Prikaz DTC-ova i njihovih definicija na ekranu.



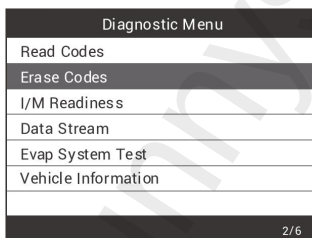
Broj upravljačkog modula, DTC niz, ukupan broj otkrivenih kodova i vrsta koda (Generic of Manufacturer specific) bit će prikazani u gornjem desnom kutu zaslona.

### 3.2 Šifre za brisanje **Erase Codes**

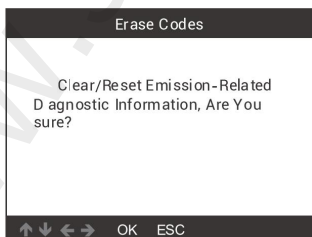
Napomene: Ova se funkcija izvodi s isključenim motorom. Ne pokrećite motor. Prije izvođenja ove funkcije provjerite jeste li pročitali i zabilježili kodove grešaka. Nakon brisanja morate ponovno pročitati kodove grešaka ili ponovno uključiti i isključiti paljenje . pročitajte kodove grešaka. Ako još uvijek postoje neki kodovi grešaka za ozbiljne kvarove, prvo saznajte uzrok koji je uzrokovao kod greške, a zatim riješite problem. Kodovi grešaka sada se mogu izbrisati.

1) Pomoću tipki GORE/DOLJE odaberite opciju Izbriši kodove u dijagnostičkom izborniku i pritisnite tipku .

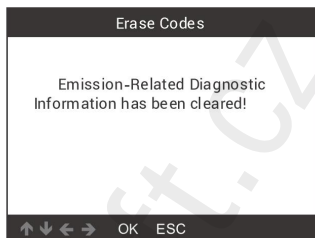
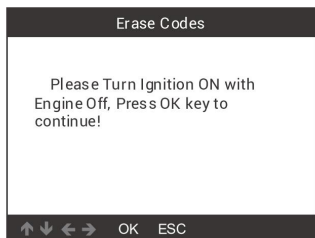
[U REDU].



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



### 3) Potvrdite pritiskom na tipku [OK].

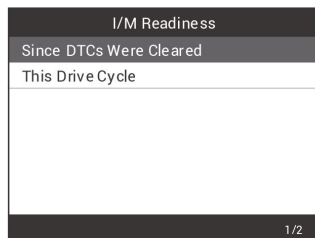
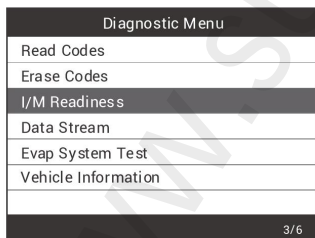


### 3.3 Spremnost za I/M

### I/M Readiness

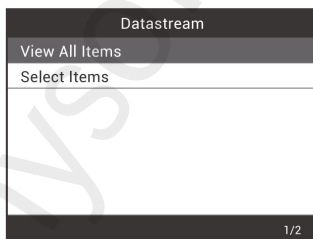
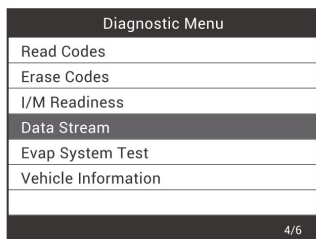
I/M se odnosi na inspekciju i održavanje koje je propisala vlada kako bi se zadovoljili državni standardi kvalitete zraka.

Spremnost I/M pokazuje rade li različiti sustavi u vozilu povezani s emisijama ispravno i jesu li spremni za pregled i održavanje. Funkcija nadzora spremnosti I/M također se može koristiti (nakon što je izvršen popravak kvara) kako bi se potvrdilo da je popravak ispravno izvršen i/ili provjerilo radno stanje monitora.



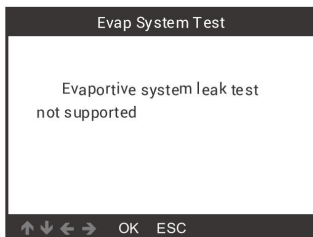
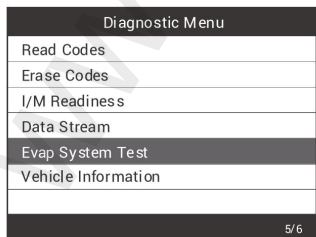
### 3.4 Tok podataka **Data Stream**

OBDII dijagnostički alat je specijalizirani dijagnostički alat koji komunicira s računalom vozila. Alat za dijagnosticiranje omogućuje vam pregled podataka "uživo" u stvarnom vremenu. Ove informacije uključuju vrijednosti (volti, okretaji u minuti, temperatura, brzina itd.) i informacije o statusu sustava (otvorena petlja, zatvorena petlja, status sustava goriva itd.) koje generiraju razni senzori, prekidači, i aktuatori vozila. Pritisnite U redu.



### 3.5 Ispitivanje nepropusnosti isparivača **Evap Leak Test**

Ova funkcija omogućuje vam postavljanje uvjeta potrebnih za provođenje ispitivanja nepropusnosti sustava isparavanja, ali zapravo ne provodi ispitivanje. Proizvođač vozila odgovoran je za postavljanje kriterija za automatsko zaustavljanje ispitivanja. Prije izvođenja ove funkcije, pogledajte servisni priručnik vozila za potrebne postupke.



### 3.6 Podaci o vozilu

## Vehicle Information

Odaberite [Vehicle Information] i pritisnite [OK], na zaslonu će se prikazati podaci poput VIN (Vehicle identification Number), CID (Calibration ID) a CVN (Calibration verify number).

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

| Vehicle Information                                      |
|----------------------------------------------------------|
| Vehicle Identification Number(VIN):<br>LVSFBFAC94F020950 |
| Cal bration Identifications(CID):<br>000007550753        |
| Cal bration Ver fication Numbers(CVN):<br>B5073064       |
| ↑ ↓ ← → OK ESC                                           |

## 4. Postavke alata Tool Setup

### 4.1 Jezik Language

Odaberite [Language] i prikazat će se sljedeće:

| Tool Setup                       |
|----------------------------------|
| Language                         |
| Beeper                           |
| Instructions(D splay at startup) |
| Unit of Measure                  |
| Skin Style                       |
| Device Information               |
|                                  |
| 1/6                              |

| Language  |
|-----------|
| English   |
| Deutsch   |
| Français  |
| Español   |
| Italiano  |
| Русский   |
| Português |
| 1/13      |

4.2 Zvučni signal **Beeper**

Odaberite [Beeper] i prikazat će se sljedeće:

| Tool Setup                       |
|----------------------------------|
| Language                         |
| <b>Beeper</b>                    |
| Instructions(Display at startup) |
| Unit of Measure                  |
| Skin Style                       |
| Device Information               |
|                                  |

2/6

| Beeper |
|--------|
| OFF    |
| ON     |
|        |
|        |
|        |
|        |
|        |

1/2

4.3 Upute (prikazane pri pokretanju) **Instructions(Display at startup)**

Odaberite [Instructions(Display at startup)] i prikazat će se sljedeće :

| Tool Setup                              |
|-----------------------------------------|
| Language                                |
| Beeper                                  |
| <b>Instructions(Display at startup)</b> |
| Unit of Measure                         |
| Skin Style                              |
| Device Information                      |
|                                         |

3/6

| Instructions(Display at startup) |
|----------------------------------|
| OFF                              |
| ON                               |
|                                  |
|                                  |
|                                  |
|                                  |
|                                  |

1/2

## 4.4 Jedinica mjere **Unit of measure**

Odaberite [Unit of measure] i prikazat će se sljedeće:

| Tool Setup                       |
|----------------------------------|
| Language                         |
| Beeper                           |
| Instructions(Display at startup) |
| <b>Unit of Measure</b>           |
| Skin Style                       |
| Device Information               |
|                                  |

4/6

| Unit of measure |
|-----------------|
| Metric          |
| Imperial        |
|                 |
|                 |
|                 |
|                 |

1/2

## 4.5 Stil izgleda **Skin Style**

Odaberite [Skin style] i pojavit će se sljedeće:

| Tool Setup                       |
|----------------------------------|
| Language                         |
| Beeper                           |
| Instructions(Display at startup) |
| Unit of Measure                  |
| <b>Skin Style</b>                |
| Device Information               |
|                                  |

5/6

| Skin Style |
|------------|
| Sky Gray   |
| Gem Blue   |
|            |
|            |
|            |
|            |

1/2

## 4.6 Podaci o uređaju **Device information**

Odaberite [Device Information] i prikazat će se sljedeće:

| Tool Setup                       |
|----------------------------------|
| Language                         |
| Beeper                           |
| Instructions(Display at startup) |
| Unit of Measure                  |
| Skin Style                       |
| <b>Device Information</b>        |
|                                  |

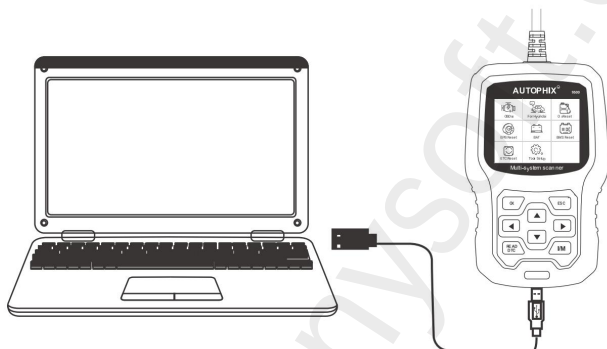
6/6

| Device Information |                        |
|--------------------|------------------------|
| Software Version:  | 01.62.000              |
| Hardware Version:  | 01.10.000              |
| Serial Number:     | Autophix20180300000001 |

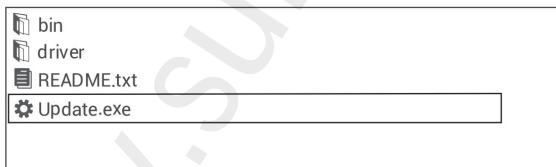
↑ ↓ ← → OK ESC

## 5 Povratne informacije i ažuriranja

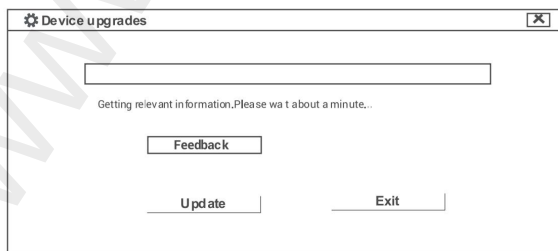
Ako ste u procesu testiranja i nešto nije u redu s testiranjem, pošaljite dokument s povratnim informacijama. Preuzmite datoteku ažuriranja na svoje računalo s web stranice AUTOPHIX. Uređaj je spojen na računalo putem USB kabela.

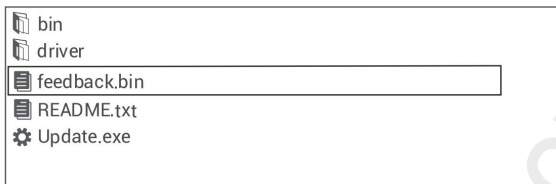


Odaberite datoteku "Ažuriranje" i pojavit će se sljedeće:



Kliknite na "Feedback" i pojavit će se sljedeće:





Molimo pošaljite datoteku feedback.bin na support@autophix.com.

Ako trebate nadograditi, trebali biste obratiti pozornost na sljedeće:

1) Prilikom ažuriranja softvera uređaja, podržava samo Windows 7/8/10/11.

2) Može se ažurirati izravno u sustavima Windows 8 i Windows 10/11.

3) Ako je na vašem računalu instaliran sustav Windows 7, na njemu je instaliran softver upravljačkog programa uređaja.

Bilješka:

Softver za ažuriranje podržavaju samo Windows 7/8/10/11, ali ne i Windows XP i MacOS. Ako ne razumijete korake ažuriranja u uputama, kontaktirajte nas.

## . Servisni postupci

Za upite obratite se svojoj lokalnoj trgovini, distributeru ili posjetite našu web stranicu [www.autophix.com](http://www.autophix.com).

Ako je potrebno vratiti dijagnostički alat na popravak, za više informacija obratite se lokalnom distributeru.

### **Dobavljač/Distributer**

Sunnysoft s.r.o.  
Kovanecká 2390/1a  
190 00 Prag 9  
Češka  
[www.sunnysoft.cz](http://www.sunnysoft.cz)