Basic Operation







This section, describes basic function buttons supported on KDS application

Main Screen		
KDS Update TSB > 2015/02/11 Vehicle Diagnosis Number F > 2015/02/11 KDS internet update [Ver. M- > 2015/02/06 KDS Internet update [Ver. M-	VCI ● Image: The second	Top function button and icon KDS Notice & TSB information
Fault Code Searching Fault Code Searching Image: Display in the searchi	CU Upgrade CU Upgrade Actuation Test Flight Record Data OBD- II	 Main function section Fault Code Searching DTC Analysis Data Analysis Multi Data Analysis Actuation Test S/W Management Flight Record Recorded Data ECU Upgrade OBD-II
Preparation Hotline More Ser	vice Info. e-Report	Bottom function button and icon



Log-in

To certify KDS user information, log-in window appears. Log-in/out will be converted like below.

0	-1	Login	Log in (Not certified yet)	
	Ð	Logout	Log out (Certified)	

If not in rang Some fund	Please log-in. (requires Wi-Fi) e of Wi-Fi, press the back button tions will be restricted when not	to the right. logged in.
• ID		
Password		

♦ Internet connection status display

It displays KDS internet connection status. KDS is online-based diagnosis program. To use KDS properly, Tablet PC should be connected to Internet.

6	ONLINE	illuminated	Internet on
•	Off Line		Internet off

♦ VCI/VCI II connection status display

It displays VCI II connection status. As required, VCI II connection can be reset by Module Connection.

	illuminated	VIC II connection via Wi-Fi Direct	
	*	illuminated	VCI II connection via Bluetooth.
8	~	illuminated	VCI/VCI II connection via USB cable.
Ŭ	VCI OFF	-	VCI/VCI II off
		-	Searching VCI II signal
	VCIO	-	Canceled searching VCI II signal.



Votice

 Internet is suspended while searching. When the VCI II is in flight recording reconnect as the VCI II is communic. Trigger Module. If the VCI II is in Flight Recording Module to exit, remove the Trigger Module. 	ng for VCI II. mode, do not ating with the ode and you lule from
--	--

♦ Internet Update Display

When KDS is online, it can be connected to server and is updated automatically via internet.

	OFF	When KDS is the latest Internet Update version		
4	Blinking	Downloading Internet Update Files from update server		
	ON	Complete downloading Internet Update file.		

Screenshots

6	<u> </u>	Saraanshata	Capture the Screenshots and write a note
Ð		3016611311013	on it.

This function is to capture the screen of KDS and write down and save some comments on it.



• <u>Print</u>

The captured screen image can be printed by the printer connected to tablet PC.

◆ Save 🛃

The captured screen image can be saved on the SD card.

6



Undo_____<Ω

The user can undo one step of the memo and marks by using the stylus on the captured screen image.

• <u>Line</u> <u>Thickness</u>

 	_	_	_

The user can set thickness of stylus.

◆ <u>Color</u>

The user can set color of stylus.

Notice & TSB Information

KDS Update Notice



Step1

When KDS Update Tab is activated, tap [More] button on the right.

	KDS Update 🔶
Date	Subject
2015/01/02	KDS Internet Update [Ver. M-E-K-01-00-0032]
2014/12/19	KDS Internet Update [Ver. M-E-K-01-00-0031]
2014/12/08	KDS Internet Update [Ver. M-E-K-01-00-0030]
2014/12/05	KDS Internet Update [Ver. M-E-K-01-00-0029]
2014/12/02	KDS Internet Update [Ver. M-E-K-01-00-0028]
2014/11/27	New Notice Pop-up Message regarding KDS Internet Update
2014/11/27	KDS Internet Update [Ver. M-E-K-01-00-0027]
2014/11/19	KDS Internet Update [Ver. M-E-K-01-00-0026]
2014/11/18	New Bluetooth PIN for VCI II
2014/11/14	KDS Internet Update [Ver. M-E-K-01-00-0025]
2014/11/05	KDS Internet Update [Ver. M-E-K-01-00-0024]
2014/10/28	KDS Internet Update [Ver. M-E-K-01-00-0023]
2014/10/21	KDS Internet Update [Ver. M-E-K-01-00-0022]
2014/10/08	KDS Internet Update [Ver. M-E-K-01-00-0021]
2014/10/02	KDS Internet Update [Ver. M-E-K-01-00-0019]
2014/09/25	KDS Intetnet Update [Ver. M-E-K-01-00-0018]

Step2

Users can check notice information on KDS Notice page in date order.

♦ TSB Board

	KDS Update	тѕв	MOR
KDS	▶ 2014/12/31	U2 1.1L / 1.4	
N DS	▶ 2014/12/29	(REVISE	D) OCCASIONALY DISCH
	▶ 2014/12/29	UM OXYGEN	SENSOR REPLACEMENT (FRO

Step1

When TSB tab is activated, tap [More] button on the right.

🕈 НОМЕ	Online	2	Vehic	cle Selection		vciΘ	•	58
				TSB				₽
TSB No.		Date	Model	Group		Subjec	t	
KCE14-14-P1	2201	4/12/31	Passenger	Fuel System	U2 1.1L /	1.4L ENG	NE AF	RMO
KFE14-61-V0	5201	4/12/29	Passenger	Steering Syst	.(RE\	/ISED	1; 000	CASI
KCE14-14-P1	1201	4/12/29	Passenger	Fuel System	UM OXYG	EN SENS	OR RE	PLA
KCE14-14-E4	0201	4/12/29	Passenger	Fuel System	ECM UPG	RADE : UN	A R E	√G L
KCE14-91-P2	9201	4/12/24	Passenger	Body (Interior.	TF TAXI A	BNOMAL	NOIS	E W
KCE14-12-P2	4201	4/12/24	Passenger	Engine Mech	. (REVISED)TF TAXI I	J2-1.7	'L E
KGE14-10-P5	0201	4/12/24	ALL-ALL	General Infor	. Notificati	on for Upo	late A	naly
KGE14-12-P0	4201	4/12/19	Passenger	Engine Mech	DIESEL C	OMMON F	RAIL II	٩JE
KGE14-52-P0	8201	4/12/19	Passenger	Automatic Tr	. KH 8-SPE	ED AT CLU	JTCH	DIS
KGE14-10-P4	8201	4/12/17	ALL-ALL	General Infor	. 71st LAB	OR TIME S	STAND	DAR
KGE14-10-P4	9201	4/12/17	ALL-ALL	General Infor	. 67th LAB	OR TIME S	STANE	DAR
KCE14-12-P2	3201	4/12/15	Passenger	Engine Mech	THETA E	NGINE CO	OLAN	T LE
KCE14-52-E0	7201	4/12/11	Passenger	Automatic Tr	TCM UPG	RADE : 20	14,20	15M
KCE14-14-P0	9201	4/12/09	Passenger	Fuel System	R-Engine	Slow Resp	oonse	At S
KCE14-91-V2	7201	4/12/08	Passenger	Body (Interior.	(REVISED) FRONT S	SEAT I	BAC
KGE14-12-P2	1201	4/12/08	ALL-ALL	Engine Mech		I RAIL DIE	SEL I	٩JE
KFE13-41-E0	1 201	4/12/05	Passenger	Brake System	[REVISED] ESP UPO	RADE	- J
KGE14-11-P0	2201	4/12/05	ALL-ALL	Engine Electr	. (REVISED) INTROD	UCTIC	0N F
KFE14-14-E3	5 201	4/12/05	Passenger	Fuel System	ECM UPG	RADE -TA	1.2 M	IPI K

Step2

Users can check TSB on TSB board in released date order.

Notice

Ϋ́

When KDS notice section is displayed like below, check internet connect on tablet PC or KDS login state.



Main Menu



Fault Code Searching	Function to read DTC data saved on the selected systems of the vehicle and display them on the screen at once.
DTC Analysis	Function to retrieve DTC data from a specific system and retrieve diagnostic procedures/ TSB data for any DTCs found.

Data Analysis	Function to monitor ECU status and input/output information (Current Data) via communication with ECU.
S/W Management	Function to register or set the information of the vehicle system via communication with ECU.
ECU Upgrade	Function to upgrade ROM data on ECU to improve the vehicle performance.
Actuation Test	Function to operate / stop the actuator on the vehicle manually to check its operation.
Flight Record	Function to record the ECU input/output information in real time and to analyze the data in various ways.
Recorded Data	Function to view for the data from Data Analysis and Flight Record.
OBD- II	Function to check the vehicle status via OBD-II communication with vehicle.
Multi Data Analysis	Function to check the input/output information of several systems on the vehicle at the same time. *Only CAN Protocol systems are available.



Preparation

1 Preparation

Function to check for several categories of information: Vehicle Info, Hot Fix

Before vehicle maintenance, technician can check Vehicle Info, Hot Fix, etc. related to the specific vehicle. Before using this function, select vehicle by entering VIN.

HOME Online	RIO(UB)/20	013/G 1.6 GDI ≫	vci 📾 🚯 🔡			
	Preparation <i>2</i>					
	Vehicle Info	Hot	Fix			
Vel	nicle Info	Warranty History				
Basic Information	:: KNADM5A39D6111111		_			
Model ID	RIO(UB)	Model Year	2013			
Engine	G 1.6 GDI	Engine No.	G4FDCS308372			
ACU Code	UB90	CLUSTER				
Key & PIN Information Q • Key No. • PIN Code Vehicle Information						
	Кеу	Valu	e			
МО	DEL YEAR	2013 MODE	EL YEAR			
MODEL N	IAME(2ND BYTE)	IH-CA	R			
DR	RIVE TYPE	LHD				
BC	BODY TYPE 5DR					
TR	TRIM LEVEL GL					
TRANSMISSION TYPE 6 A/T						
ENGI		16 GAM	IMA			

♦ GSW Web

Function to connect GSW Web page.

User can access GSW and search information on GSW by web browser on tablet PC.



Service Info

Ē

Users can check Service Manual about the vehicle searched by Vehicle Selection.

ß Service Info. Function to check for several categories of information: Shop Manual, DTC Guide, ETM, Replacement





Drag the screen from right to left



♦ e-Report



Function to confirm the VDN recorded data



Step1 Go to [More – Dealer] at the bottom of the main screen.

HOME Online	Vehicle Selection	vo	Θ	Ę÷
	Dealer			Þ
Vehicle Diagnosis Number		• ON		
Distributor Code				
Dealer Code				
• User Information				
Region	Maker	KME		
• ID	Name			
• Tel.	• E-Mail			
Address				

Step2

Mark [ON] to use VDN function.

HOME Online	ATO/FORTE/2014/G 1.8 M	Pl vci 🛛 🚯 🔀
	Dealer	e e e e e e e e e e e e e e e e e e e
• Vehicle Diagnosis Number		• ON OFF
Distributor Code	A01AA	
Dealer Code	12345	
User Information		
Region	Maker	KME
• ID	Name	
• Tel.	• E-Mail	
Address		
Danguage	Saved	
Diagnostic Program(Table	et)	
English	Français	Deutsch
español	Italiano	Ελληνικά
Čeština	русский язык	Türkçe
Polski	Português	Български
Magyar	Română	
		1
L	Save	

Step3

Enter Distributor code and Dealer code and tap [Save] button.

[Ϋ́] Notice

Generally, GSW account consists of Distributor code and Dealer code.

<Example>

GSW Account : A01AA12345

- Dist. Code : The first 5 digits(A01AA)
- Dealer Code : The rest of the digits(12345)

HOME Online VCI 🔿 💀 [+]					
Vehicle Selection					
KNAFX4A6XE5123456					
CARNIVAL/SEDONA(GQ)					
CARNIVAL/SEDONA(VQ)					
CARNIVAL/SEDONA(YP)					
Cee'd(ED)		F 1.6 MPI			
Cee'd(JD)		G 1.6 GDI			
CERATO(LD)		G 1.6 MPI			
CERATO/FORTE(TD)	2015	G 1.6 TCI GDI			
CERATO/FORTE(YD)	2014	G 1.8 MPI			
CLARUS(FE)	2013	G 2.0 GDI			
ENTERPRISE(DB)		G 2.0 MPI			
JOICE(NO)					
K2500/K2700/K3000/K3000S(PU)					
MOHAVE/BORREGO(HM)					
OPIRUS(GH)					
OPTIMA HEV(TE HEV)					
OK					

Step4 Enter VIN and tap [OK] button.



Step5

VDN has been created. Press 🕜 button and diagnose vehicle.



Step6

After finishing diagnosis, you can check VDN list on e-Report.

Configuration

Internet Update	Firmware Update	Module Connection	Auto VIN Config
km/h MPH Unit of measure	Server	User's Guide	Dealer
Camera			

Internet Update	Internet Update Function for Internet Update to main latest version of KDS and data on KDS			
Firmware Update	Firmware Update	Function to update diagnosis device firmware VCI Device VCI II Device TPMS Device		
Module Connection	Module Connection	Function to indicate the module connection (VCI II and TPMS Module) with KDS tablet.		
Auto VIN Config	Auto VIN Config	Function to set auto run for "Auto VIN function.		
km/h ◀ ◀ MPH Unit of measure	Unit of measure	Function to set KDS Data Units.		
Server	Server	Function to manage GSW and Internet Update server URL.		

User's Guide	User's Guide	Function to see the manual for KDS use.
Dealer	Dealer	Function to check User Information and set language.
Camera	Camera	Function to take photos

KDS KDS Basic Operation

Finger gestures

This indicates the motions of a finger or a pen for the tablet when the user controls the KDS tablet.

♦ Tapping

Tap on the screen when running functions on KDS or inputting letters on the screen.



♦ Dragging

To move an icon, thumbnail, or preview to a new location, tap and hold it and drag it to the target position.

- ◆ <u>Searching</u>
- <u>Service Information</u>



Pinching

Spread two fingers apart on a webpage, map or image to zoom in a part. Pinch to zoom out.

- <u>Service Information Zoom in/out</u>
- <u>Sensor Data[Graph Mode] Zoom in/out</u>





Secondary Function Button

It describes secondary function buttons regarding the use of KDS.

Exit Button



Close the function

Window Size Control Button



Control the size of the screen for dual screen mode by dragging the title bar.

Maximum Screen Size

When dragging the bottom screen up to the top, it is displayed as a full screen.



HOME Online OPTIMA(TF)/2014/6 2.4 MPI) [3]
Data Analysis 🖓	
Actuation Test 🔹 🕹	₽
Test item	
Engine Check Lamp(MIL)	۲
Canister Shut Off Valve(OBD-2 Only)	۲
Fuel Pump Relay	۲
A/C Compressor Relay	۲
Canister Shut Off Valve Clocked(OBD-2 Only)	۲
Fan Motor Control-High Speed	۲
Fan Motor Control-Low Speed	۲
Main Relay	۲
Canister Purge Valve	۲
Oil Control Valve - Intake Bank1	۲
Oil Control Valve - Exhaust Bank 1(Option)	۲
Ignition Coil Enable/Disable-#1	۲
Ignition Coil Enable/Disable-#2	۲
Ignition Coil Enable/Disable-#3	۲
Ignition Coil Enable/Disable-#4	۲
Injector Disable-Cylinder 1	۲
Injector Disable-Cylinder 2	۲
Injector Disable-Cylinder 3	۲
Injector Disable-Cylinder 4	۲
ETC Motor	

♦ Minimum Screen Size

When the user drags the title bar on the bottom screen to the bottom, the top screen expends as a full screen.



Diagnosis Function Switch Button



Able to switch to the communication diagnosis function selected on the list without entering the main screen.

This button is located at the top on the right side of the four function screens below. It is the quick button to go to the function screen without entering the main screen.

Available functions for direct switching

- ◆ <u>DTC Analysis</u>
- ◆ <u>Data Analysis</u>
- ◆ <u>Actuation Test</u>
- S/W Management







Login

To use the KDS functions properly, log in with user's certified GSW ID. If not certified, some functions are restricted to use.

The user needs the ID issued by the vehicle manufacturer website.

- Login Online	Vehicle Selection	vci 🕸 😽 🔂
Login		Ŷ
Ple some f	ease log in. If you don't lo functions will be restricted	g in, d to use.
♦ ID		
Password		
Remember	er ID 🛛 🕢 Keep Log	ged in 1 Days
	Login]
		Flight Record
DTC	Data	
The	I	Thanks 🗸
1 2 3 q w e r	4 5 6 . t y u	7 8 9 0 i o p 43
a s d	fgh j	k l Next
t z x c	v b n	m ,! .? ↑
Sym 📺		

Preparation

The user can check the specific vehicle information on Preparation. The program loads and displays the vehicle information from the server by searching VIN.

♦ Vehicle Info

HOME Online	CERATO/FORTE.	./2013/G 1.6 MPI	vci 🕸 😽 🚱	A	HOME Online CERATO/FORTE.	./2013/G 1.6 MPI VCI 🕸 😽 🔀
	Prepa	ration	€		Prepa	iration 🏼
	Vehicle Info	Hot Fix			Vehicle Info	Hot Fix
Vel	hicle Info	Service I	nistroy		Vehicle Info	Service histroy
Basic Information	n :: KNAFZ411BD5034546				Warranty History	
Model ID	CERATO/FORTE(YD)	Model Year	2013	F	Repair Date Type Dealer Claim No. OP Code	Causal Part Mileage N Code C Code Issue No
Engine	G 1.6 MPI	Engine No.	G4FGDH610244		No	Data
ACU Code	YD05	CLUSTER	10C0			
Key & PIN Inforr	mation	_				
Key No.		PIN Code				
	them.			>		
Vehicle Informa	tion					
	Кеу	Value				
MC	DDEL YEAR	13 MOD	EL			
MOD	EL-2ND BYTE	A7				
DF	RIVE TYPE	LHD				
B	ODY TYPE	4DR				
TF	RIM LEVEL	TOP				
TRANSM	ISSION PACKAGE	AT				
TRA	NSMISSION	6AT				
FI	UEL TYPE	UNLEAD	ED			

♦ Hot Fix

The user can check Hot Fix information about the selected vehicle. There are 4 categories supported as follows.

- ◆ By DTC
- <u>By Symptom</u>
- <u>By Model</u>
- <u>Campaign</u>



Search

The user can check several categories of information by search as shown below.

- ♦ TSB
- Campaign
- Tech Times
- ♦ DCS
- Service Information
- Shop
- ETM
- DTC
- Symptom

Open Search Function Screen

Point and drag the left end of the KDS screen to the right to open search function.



Enter Search Word and Search Information



Check Information								
<		TSB(65)	mpaign(10)	ch Times(80)	DCS(58)	SH >		
	Date	Model		Subje	ct			

The number of searched information items is displayed next to each title on tap menu. When you tap on the tab menu, you can check the information.

HOME Onlin	CARENS/RONDO/2015/D 1.7 TCI VCI 🛛 😽 🔀						
	Search 🏼						
CERATO/FORTE(YD) 2013							
eng	٩ ال						
TS	B(79) Local(100) Study(100) Study(49)						
Date	Subject						
2014/07/17	REVISED) LAMBDA ENGINE DRIVE BELT LAYOUT						
2014/06/10	GAMMA/ KAPPA ENGINE LIQUID GASKET						
2014/04/29	ADDITIONAL INFORMATION WHEN ENGINE OIL LEVEL WARNIN						
2013/06/10	YD Nu 2.0L MPI Engine V-Belt Replacement						
2012/07/09	Guideline for battery maintenance at port/dealer						
2012/07/09	Guideline for battery maintenance at port/dealer						
2012/02/14	SERVICE PRECAUTIONS - ENGINE OIL FILTER REPLACEMENT 0						
2012/01/30	Formal Launching of G-scan						
2011/12/12	REVISED) NOTIFICATION FOR CHANGE OF TSB TYPE CLASSIFIC						
2011/12/12	CAUTIONS DURING ENGINE OIL CHANGE AND OIL PAN REPLAC						
2011/12/08	SERVICE INFORMATION FOR MDX-670P BATTERY ANALYZER						
2011/10/31	R1234YF REFRIGERANT NEWLY APPLIED TO NEW CARS SINCE 2						
2011/08/09	(REVISED)MIL ILLUMINATION WITH DTCS RELATING TO OXYGE						
2011/08/07	NOTICE FOR THE IMPORTANCE OF RESIDUAL ENGINE OIL CLEA						
2011/07/21	ANNOUNCEMENT OF TSB LANGUAGE SWITCHING FUNCTION						
2011/07/21	NOTICE OF OLD GDS SOFTWARE TERMINATION						
20.1/01/21							

Service Information

The user can check Service Information depending on Model/ Year/Engine type.

Open Service Information screen

Point and drag the right end of the KDS screen to the left to open Service Information or tap icon at the bottom of the screen.



Service Information Check

Select one of the tap menus of the Service Information and select the title of the service information on the left of the screen. The detailed information is displayed on the right of the screen. When you tap the right of screen, it is displayed as a full screen. When you tap 🕒 button on the full screen mode, the title screen appears.

2

c >



♦ Service Information Configuration



• <u>Configuration</u>

This function is to set the location from where the Service Information is loaded.

- 1st Internet , 2nd SD Card
- SD Card Only

HOME Online	Vehicle ×	Selection			9 58			
Service Information								
Service Information								
Configuration	ormation ir	n SD card	d					
Search Location								
1st Internet, 2nd SD	1st Internet, 2nd SD Card SD Card only							
= Language								
English	Fra	nçais	D	eutsch				
español	Ital	Italiano		ληνικά				
Čeština	русски	русский язык		Türkçe				
Polski	Port	ortuguês Da		лгарски				
Magyar	Ror	nână						
If the information cannot be displayed in the selected language, it will be displayed in English.								
	C	ж						

• Information in SD card

It displays the data information of the SD card on tablet PC.

Service Information							
Service Information							
Configuration Information in SD							
Service Information in SD card							
English	Deutsch	🔵 Français 💦 Italiano					
Polski	O Português	🔵 русский язык 🔵 español					
Türkçe							
s Shop + Rep	placement + Componen	t					
Shop + Rep	blacement + Componen	t					
s Shop + Rep	olacement + Componen	t Description					
s Shop + Rep Vehic	olacement + Componen	t Description None					
s Shop + Rep Vehi AVELLA(FV) BESTA(TP)	olacement + Componen	t Description None None					
s Shop + Rep Vehic AVELLA(FV) BESTA(TP) CADENZA(VG)	cle Name	t Description None None S					
s Shop + Rep Vehi AVELLA(FV) BESTA(TP) CADENZA(VG) CARENS(FJ)	olacement + Componen	t Description None None S None None None None None None					
S Shop + Rep Vehi AVELLA(FV) BESTA(TP) CADENZA(VG) CARENS(FJ) CARENS(UN)	olacement + Componen	t Description None None None S None S S S S S S S S S S S S S S S S S S S					
S Shop + Rep Vehi AVELLA(FV) BESTA(TP) CADENZA(VG) CARENS(UN) CARENS(UN) CARENS(RONDO	olacement + Componen	t Description None D S None D S C D S S C D S S S C S S S S S S S S					
S Shop + Rep Vehi AVELLA(FV) BESTA(TP) CADENZA(VG) CARENS(UN) CARENS(UN) CARENS/RONDC CARENS/RONDC	D(RP)	t Description None None None S No None S No					
S Shop + Rep Vehi AVELLA(FV) BESTA(TP) CADENZA(VG) CARENS(UN) CARENS(UN) CARENS(UN) CARENS/RONDCC CARNIVAL/SEDCC	D(RP) DNA(GQ) DNA(VQ)	t Description None D S None S S None S None S None S S None S S None S S S S S S S S S S S S S S S S S S S					



All the functions of KDS system can be used after "Vehicle Selection".

Vehicle Selection by Auto VIN

The Vehicle information can be selected automatically by Auto VIN function. It loads VIN information from ECU and select the vehicle on Vehicle Selection automatically. To use this function, VIN information should be stored in the ECU of the vehicle and Auto VIN on Configuration should be set to "On".

Vehicle Selection by VIN Search

There are 2 ways to selects the vehicle by s VIN Search.

- ♦ To enter VIN combined in 17-figure code
- ✤ To enter the last 6 digits of VIN



Step1

Tap "Vehicle Selection" at the top of the middle on the main screen to go to "Vehicle Selection" screen.

HOME Online		VCI 🏛 🍓 🖂				
Vehicle S	2					
To Search vehicle, please insert VIN. 🛛 🗙	Q					
AVELLA(FV)	2000	G 1.3 SOHC				
CADENZA(VG)	1999	G 1.5 SONC				
CARENS(FJ)	1997					
CARENS(UN)	1996					
CARENS/RONDO(RP)	1995					
CARNIVAL/SEDONA(GQ)	1994					
CARNIVAL/SEDONA(VO)	_					
ок						
CERATO/FORTE	E/2014/G 1.8 N	ЛРІ				
Preparation Hotline	Aore A	Service Info.				

Step2									
Input the box	last	6	digits	of	VIN	or	VIN	in	the



Internet connection is required to use VIN search Function.

HOME Online		vci 🙃 😽			
· · · ·					
123456 × Q ← AUTO (*					
VIN Search					
VIN	Model	Year	Engine		
U5YHN516AEL123456	Cee'd(JD)	2014	D 1.6 TCI-U2		
KNAFX4A6XE5123456	CERATO/FORTE(YD)	2014	G 1.8 MPI		
KNAKU815BBA123456	SORENTO(XM)	2011	D 2.0 TCI-R		
KNAFU6A25A5123456	CERATO/FORTE(TD)	2010	G 2.0 DOHC		
U5YFF24238L123456	Cee'd(ED)	2008	G 1.6 DOHC		
KNHMB76137S123456	CARNIVAL/SEDONA(VQ)	2007	D 2.9 WGT		
KNCTB241237123456	PREGIO(FP)	2003	D 2.7 J2		
KNADC2212YS123456	RIO(BC)	2000	G 1.3 SOHC		
	ОК				
OPTIMA HEV(TE H	EV)				
	OK				
CE	RATO/FORTE/2014/G 1.8 MPI		-		
Hotline	More	Sancia			

Step3
Tap VIN selected to be diagnosed.
Tap [OK] button to save the model / year / engine information



Step4

Tap [OK] button to complete vehicle selection.

Step5

Check the selected vehicle information.

Manual Vehicle Selection

It is to select Model/Year/Engine type manually.



Step1

Tap "Vehicle Selection" at the top of the middle on the main screen to go to "Vehicle Selection" screen.



Step2

Select vehicle model.

🕇 HOME Online VCI 🔍 🐯 🔀					
Vehicle S	2				
To Search vehicle, please insert VIN. 🛛 🗙					
CARNIVAL/SEDONA(GQ)					
CARNIVAL/SEDONA(VQ)					
CARNIVAL/SEDONA(YP)					
Cee'd(ED)					
Cee'd(JD)					
CERATO(LD)					
CERATO/FORTE(TD)	2015				
CERATO/FORTE(YD)	2014	F 1.6 MPI			
CLARUS(FE)	2013	G 1.6 GDI			
ENTERPRISE(DB)		G 1.6 MPI			
JOICE(NO)		G 1.6 TCI GDI			
K2500/K2700/K3000/K3000S(PU)		G 1.8 MPI			
MOHAVE/BORREGO(HM)		G 2.0 GDI			
OPIRUS(GH)		G 2.0 MPI			
OPTIMA HEV(TE HEV)					
	UK				
CERATO/FORTI	E/2014/G 1.8 M	ИРІ			
Preparation Hotline More Service Info. e-Report					

HOME Online		vci 🔍 😽 🚦			
Vehicle S	election	2			
To Search vehicle, please insert VIN. 🛛 🗙	٩				
CARNIVAL/SEDUNA(GQ)					
CARNIVAL/SEDONA(VQ)					
CARNIVAL/SEDONA(YP)					
Cee'd(ED)		F 1.6 MPI			
Cee'd(JD)		G 1.6 GDI			
CERATO(LD)		G 1.6 MPI			
CERATO/FORTE(TD)	2015	G 1.6 TCI GDI			
CERATO/FORTE(YD)	2014	G 1.8 MPI			
CLARUS(FE)	2013	G 2.0 GDI			
ENTERPRISE(DB)		G 2.0 MPI			
JOICE(NO)					
K2500/K2700/K3000/K3000S(PU)					
MOHAVE/BORREGO(HM)					
OPIRUS(GH)					
OPTIMA HEV(TE HEV)					
	UK				
CERATO/FORT	E/2014/G 1.8 M	ИРІ			
reparation Hotline More Service Info. e-Report					

Step3 Select year of vehicle.

Step4 Select engine system.



Step5

Tap [OK] button to complete vehicle selection.

Step6

Check the selected vehicle information.



Configuration



Configuration

The KDS "Configuration" function is located on the bottom section of the main screen. It is consists of 8 sections like below.

- **Internet Update** ٠
- **Firmware Update** ٠
- **Module Connection** ٠
- ٠ **Auto VIN Config**
- Unit of measure ٠
- Server ٠
- **User's Guide** ٠
- Dealer
- Camera





		1				
Internet Update	Internet Update	Function for Internet Update to maintain the lates version of KDS and data on KDS tablet.				
Firmware Update	Firmware Update	Function to update diagnosis device firmware VCI Device - VCI II Device - TPMS Device				
Module Connection	Module Connection	Function to indicate the module connection (VCI II and TPMS Module) with KDS tablet.				
Auto VIN Config	Auto VIN Config	Function to set auto run for "Auto VIN" function.				
km/h ★ ★ MPH Unit of measure	Unit of measure	Function to set KDS Data Unit.				
Server	Server	Function to manage GSW and Internet Update server URL.				
User's Guide	User's Guide	Function to display the manual for KDS use.				
Dealer	Dealer	Function to check User Information and set language.				
Camera	Camera	Function to take photos				

Internet Update



This function is for Internet Update to maintain the latest version of KDS and data on KDS tablet.

G Logout Online			vci Θ	😽 58
Internet Update				₹
6		The latest v	ersion has beer	n installed.
• Program Version				
Item	Tablet Version		Server Versio	n
Application	M-E-K-01-00-0045	5	M-E-K-01-00-00	45
Diagnosis	M-E-K-01-00-0039)	M-E-K-01-00-00	39
ECU Upgrade	M-E-K-01-00-0027	,	M-E-K-01-00-00	27
				Þ
S/W Managen	nent Multi Data	Analysis	OBD-	. П
Preparation Hotlin	ne Mo	nre	Service Info.	e-Report

♦ Internet Update Procedures

When the KDS tablet is connected to WiFi(Internet on), KDS internet update is performed automatically.



Logout Online	Vehicle Selection	n vci 🖂 😽 🔀	Step2
Internet Update		2	Copying Update Data from server.
G		Downloading update files, Please wait a minute.	
Program Version			
Item	Tablet Version	Server Version	
Application	M-E-K-01-00-0045	M-E-K-01-00-0045	
Diagnosis	M-E-K-01-00-0038	M-E-K-01-00-0039	
ECU Upgrade	M-E-K-01-00-0027	M-E-K-01-00-0027	
	59%		
- 00	Jun Ob !		
S/W Managem	ent Multi Data Ana	lysis OBD-II	
	KIN The Power t		
Preparation Hotling	More	Service Info. e-Beport	



- Do not off the tablet during the internet update
 Do not run any other application on tablet during the internet update
 Do not control the tablet during the internet update

Step3 When tapping [Install] button at the bottom of the screen, the Internet Update starts.

Q

Logout Online	Vehicle Sele	vci 👄 😽
		ownload completes, Please insta the latest version and run the program.
Program Version		
Item	Tablet Version	Server Version
Item Application Diagnosis	Tablet Version M-E-K-01-00-0045 M-E-K-01-00-0038	Server Version M-E-K-01-00-0045 M-E-K-01-00-0039
Item Application Diagnosis ECU Upgrade	Tablet Version M-E-K-01-00-0045 M-E-K-01-00-0038 M-E-K-01-00-0027	Server Version M-E-K-01-00-0045 M-E-K-01-00-0039 M-E-K-01-00-0027
Item Application Diagnosis ECU Upgrade	Tablet Version M-E-K-01-00-0045 M-E-K-01-00-0038 M-E-K-01-00-0027	Server Version M-E-K-01-00-0045 M-E-K-01-00-0039 M-E-K-01-00-0027
Item Application Diagnosis ECU Upgrade	Tablet Version M-E-K-01-00-0045 M-E-K-01-00-0038 M-E-K-01-00-0027	Server Version M-E-K-01-00-0045 M-E-K-01-00-0039 M-E-K-01-00-0027

Internet update on Configuration.

Logout Online			vci \Theta 😽 🔀
Internet Update			₽
		Download comple the latest versi prog	tes, Please install ion and run the ram.
Program Version			
Item	Tablet Version	Serv	er Version
Application	M-E-K-01-00-0045	M-E-K	-01-00-0045
Diagnosis	M-E-K-01-00-0038	M-E-K	-01-00-0039
ECU Upgrade	M-E-K-01-00-0027	M-E-K	-01-00-0027
	Inst	all	
internet opdate	T innware Opulate		Autorana coning
km/h MPH Unit of measure	Server	User's Guide	Dealer
Camera			





Step5

After Internet update is complete, KDS will restart.

Step4

Updating KDS APP. & diagnostic data

Firmware Update



This function is to update firmware of the diagnosis device related to KDS.

- VCI - VCI II
- TPMS

♦ VCI Firmware Update

To update VCI firmware, KDS and VCI should be connected via USB and OTG Cable. VCI should be on.

HOME Online	OPTIMA(TF)/	2014/G 2.4 MPI	VCI 🙈 🎝	2-2
	Firmwar	e Update		₽
• VCI				
VCI Firmware Vers	ion 🧧		Upo	77
Current Version	01.00	Latest Version	01.03	
VCI II Firmware Ve	rsion			/ `
Current Version	01.52	Latest Version	01.52	
 • VCI Module sho • Connect with Ta • Check the firmv • TPMS 	ould be turned on. ablet by USB cable vare version and up	or via wireless. date it.		
TPMS Firmware V	ersion		Ch	eck
Current Version	-	Latest Version	-	
 Combine a TPN Supply the pow Connect with Ti Do not connect Check the firmv 	IS Module and Blue er and turn the TPN ablet by Bluetooth. any cable to TPMS vare version and up	etooth adapter, //S Module on, s. sdate it,		

♦ VCI II Firmware Update

To update VCI II firmware, KDS Tablet PC and VCI II should be connected via USB and OTG Cable or wireless. VCI II should be turned on.



♦ TPMS Firmware Update

To update TPMS Module, KDS Tablet PC and TPMS Module should be connected via Bluetooth. TPMS Module should be on.

HOME Online	Vehicle S ≫	Selection	vci 🚓 🚯	5-3	
	Firmware	e Update		₽	
VCI					
VCI Firmware Version			Upda	ate	
Current Version	-	Latest Version	01.01		
= VCI II Firmware Versio	n		Upda	ate	
Current Version 0	1.38	Latest Version	01.38		
 • VCI Module should be turned on. - Connect with Tablet by USB cable or via wireless. - Check the firmware version and update it. 					
TPMS Firmware Version	on		(
Current Version	-	Latest Version	-	R	
Combine a TPMS Module and Bluetooth adapter. Supply the power and turn the TPMS Module on. Connect with Tablet by Bluetooth. Do not connect any cable to TPMS. Check the firmware version and update it.					

Step1 Check TPMS firmware version on the module and the latest TPMS firmware version on KDS.

HOME Online Vehicle Selection	VCI 📾 👯) (X)			
Firmware Update		₽			
VCI					
= VCI Firmware Version		Jpdate			
Current Version Latest Version	01.01				
= VCI II Firmware Version		Jpdate			
Current Version 01.38 Latest Version	01.38				
 • VCI Module should be turned on. • Connect with Tablet by USB cable or via wireless. • Check the firmware version and update it. 					
• TPMS					
TPMS Firmware Version					
Current Version 3.0/01.00 Latest Version	3.1/0	h.			
 Combine a TPMS Module and Bluetooth adapter. Supply the power and turn the TPMS Module on. Connect with Tablet by Bluetooth. Do not connect any cable to TPMS. Check the firmware version and update it. 					

Step2

Tab [Update] button and the latest TPMS firmware will be transferred to TPMS module and it will be updated.

HOME Online	Vehick	e Selection	vci 🏯 🤴	52
	Firmwa	ire Update		
VCI				
= VCI Firmware	e Version		Upt	late
Current Version	· · ·	Latest Version	01.01	
= VCI II Firmwa	re Version		Upe	date
Current Version	01.38	Latest Version	01.38	
Notice				
To Re	initialize the connection turn OFF TPMS module	on between TPMS an ile and press [OK] but	d Tablet, ton.	
		ок		
= TPMS Firmwa	are Version		Up	late
Current Version	3.0/01.00	Latest Version	3.1/01.00	
 Combine a TPMS Module and Bluetooth adapter. Supply the power and turn the TPMS Module on. Connect with Tablet by Bluetooth. Do not connect any cable to TPMS. Check the firmware version and update it. 				

Step3

Turn off TPMS module and tap [OK] button on the pop-up windows as following the instruction on Notice.

A HOME Online	Vehicle Sel	ection	vci 🏔 🐌	15-2
	Firmware	Update		₽
e VCI				
VCI Firmware Version			Upt	date
Current Version		Latest Version	01.01	
= VCI II Firmware Version			Up	date
Current Version 01.38		Latest Version	01.38	
Notice				
To final turn ON TP	ize TPMS Fir MS Module a	mware update, nd click [OK] butte	on.	
	ОК			
TPMS Firmware Version			Up	date
Current Version 3.0/01.	00	Latest Version	3.1/01.00	
 Combine a TPMS Module and Bluetooth adapter. Supply the power and turn the TPMS Module on. Connect with Tablet by Bluetooth. Do not connect any cable to TPMS. Check the firmware version and update it. 				

Step4

Turn on TPMS module and tap [OK] as following the instruction on Notice.

HOME Online	Vehicl	e Selection	vci 📾 🚯	2-3	
	Firmwa	are Update		₽	
VCI					
VCI Firmware	e Version		Up	date	
Current Version	-	Latest Version	01.01		
= VCI II Firmwa	are Version		Up	date	
Current Version	01.38	Latest Version	01.38		
 • VCI Module should be turned on. - Connect with Tablet by USB cable or via wireless. - Check the firmware version and update it. 					
TPMS					
TPMS Firmw	are Version		Ch	eck	
Current Version	3.1/01.00	Latest Version	3.1/01.00		
 Combine a TPMS Module and Bluetooth adapter. Supply the power and turn the TPMS Module on. Connect with Tablet by Bluetooth. Do not connect any cable to TPMS. Check the firmware version and update it. 					

Step5

TPMS update is complete.

Module Connection



This function shows the communication connection for diagnosis function.

Refer to Module Connection Guide.

Auto VIN Config

♦ Auto VIN Config



This function is to set auto run for "Auto VIN" function.



◆ <u>ON</u>

Auto VIN function is on. This function allows KDS to read VIN from ECU via vehicle communication and sets the vehicle model/year/engine type automatically.

◆ <u>0FF</u>

Auto VIN function is off

Unit of measure



This function is to set KDS Data Units.

HOME Online	Vehicle Selection	vci \Theta 💀	243
	Unit of Measure		₽
Data Analysis			
Pressure			
Default	kPa	Мра	
hPa	mmHg	inHg	
mbar	bar	psi	
• Air Rate		1	
Default	gm/s	lb/m	
lb/h	kg/h		
Default	МРН	km/h	
Distance			
Default	mile	km	
Temperature			
Default	°C	°F	

Server

There are two functions for "Server" on Configuration.



- <u>Global Service Way & Internet Update</u>
 <u>Server URL setting</u>
- <u>Proxy setting for Internet connection</u>
 <u>via Proxy Server</u>

Server Connection

HOME Online	Vehicle Selection	vci 🛊 🚯 🔛
	Server	Ð
Server Connection		Proxy Setting
Global Service Way URL	https://www.k	ia-hotline.com
Internet Update Server URL	http://gd	s.kia.co.kr
Reset	Save	e

	Shows Global Service Way URL
Global service way URL	(If the URL is changed randomly, the Web site may not
	be connected properly.)
Internet Lindete	Shows Internet Update Server URL
	(If the URL is changed randomly, Internet Update may
Server URL	not be performed properly.)
Save	Saves the URL
Reset	Reset the URL to the initial value
Browy Sotting	Proxy setting for Internet connection via Proxy
Floxy Setting	Server(Only for proxy setting user)

Proxy setting

Se	rver
Server Connection	Server Connect
Proxy Off Only use for	connecting to the internet via Proxy Server.
Server IP	
Port	
User ID	
User password	
Reset	Save

	When the user uses Internet via Proxy network,
Broxy On	Proxy On should be marked
Floxy OII	When the user uses Internet via general network,
	Proxy On should be unmarked
Server IP	Enter Proxy Server IP
Port	Enter Proxy Server Port
User ID	Enter Proxy Server User ID
User Password	Enter Proxy Server Password

() Caution

Proxy setting is only for a proxy network. When used in the general network environment, do not check "V" mark on it. It may the cause KDS operation problems.

User's Guide



It displays the manual for KDS

"	*
User's	Guide

Basic Operation Data Analysis DTC Analysis S/W Management ECU Upgrade Data Record		
Data Analysis DTC Analysis S/W Management ECU Upgrade Data Record		
DTC Analysis S/W Management ECU Upgrade Data Record		
S/W Management ECU Upgrade Data Record		
ECU Upgrade Data Record		
Data Record		
OBD-II		
Hardware		



Dealer

This function is to manage the user information.



- <u>Vehicle Diagnosis Number</u>
- ◆ <u>User Information</u>
- ◆ <u>Langua</u>ge

HOME Online	Vehicle Selection	vci 🛛 😓 🔀			
Dealer 🌳					
• Vehicle Diagnosis Number		• ON OFF			
Distributor CodeDealer Code					
• User Information					
Region	Maker	КМЕ			
• ID	Name				
• Tel.	E-Mail				
Address					
Language					
Diagnostic Program(Tablet)					
English	Français	Deutsch			
español	Italiano	Ελληνικά			
Čeština	русский язык	Türkçe			
Polski	Português	Български			
Magyar	Română				
	Save				