

# Hyundai Auto Link – User Guide

## Introduction

### ■ About Hyundai Auto Link

The Auto Link provides data by analyzing your driving habits and gives timely notice for vehicle maintenance. If there is a problem with the vehicle, it automatically sends diagnostic data to the Auto Link application as well as providing reservation services for your convenience.

### ■ Compatibility

The smart phone, which supports Bluetooth®4.0, is required to use the Auto Link.

The DIAGNOSIS MODULE is designed to communicate with user's smart phone through BLE(Bluetooth Low Energy).

### ■ Downloading the Application

Connect to the App Store or Google Play and download the Auto Link application for free.

### ■ Components



DIAGNOSIS MODULE



OBD ADAPTER



User Guide

#### ● DIAGNOSIS MODULE

The DIAGNOSIS MODULE is inserted into the OBD port with the OBD ADAPTER that stores driving history of the vehicle and transfers recorded data to your smart phone such as mileage, vehicle status, and fault code.

#### ● OBD ADAPTER

The OBD ADAPTER is provided in order to connect the DIAGNOSIS MODULE effectively into the fuse box.

#### ● User guide

The user's guide includes setup and warranty information.

### ■ Information Capture

The Auto Link may collect information regarding the services used and methods to use such. The following information is included.

● Vehicle information : Vehicle Identification Number(VIN), License Plate Number, Odometer (ODO), Date of Purchase.

● Smart phone information : Number, Wi-Fi Mac, Model, OS version, UUID, GPS (Personal Location Data)

● DIAGNOSIS MODULE information :Bluetooth Mac, Serial number

● Favorite dealer(Service center) information

● Driving information : Distance, Travel time, Average fuel efficiency, Fuel consumption ●Driving history Distance, Travel time, Average fuel efficiency, Fuel consumption.

● Statistics (ECO driving) : Fuel efficiency, Fuel Consumption, Hard Braking, Rapid Acceleration.

● Statistics (Speed) : Less than 40 km/h, ~80 km/h, ~120 km/h, ~160 km/h, over 160 km/h, Maximum RPM, Average RPM.

### ■ Minimum Requirement

Below is the minimum requirement to run the Auto Link application,

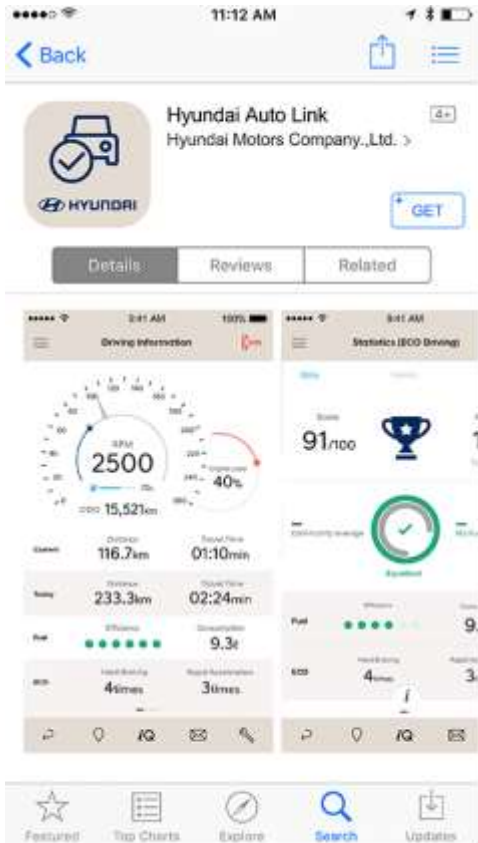
① Android OS - 4.3 version or Higher

② iPhone - iOS 8.1 or Higher

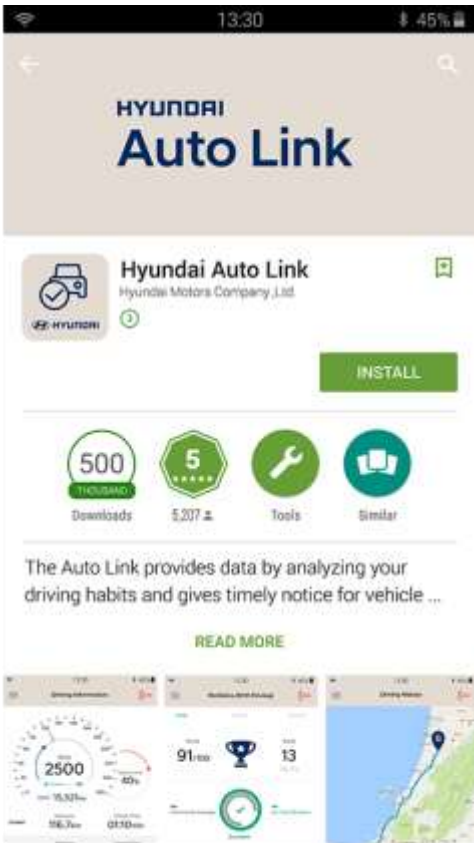
Setup

■ Application Setup

Run App Store or Play Store and search/install “Auto Link” application.  
[Notice] Airplane mode must be turned off.



[iOS]



[Android]

Bluetooth and Location services must be turned on.



[iOS Settings]



[Android Settings]

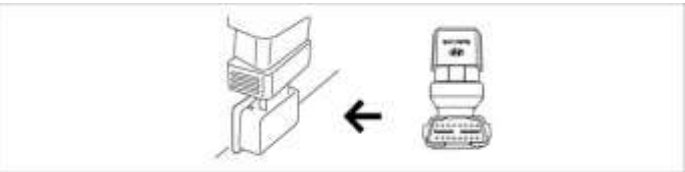
■ **AUTO LINK MODULE Setup**

Insert the AUTO LINK MODULE to the OBD port. The OBD port can be found inside the fuse box.

**1.1. Connect the DIAGNOSIS MODULE to the OBD ADAPTER.**




**2.Connect the OBD ADAPTER to the OBD port.**




**3.Start the engine and check the LED status(Red) on the AUTO LINK MODULE.**

[Notice]


Below information is AUTO LINK MODULE LED color meanings.

 AUTO LINK MODULE is powered on but not yet connected to the smart phone. The red indicator is on.

[Red]

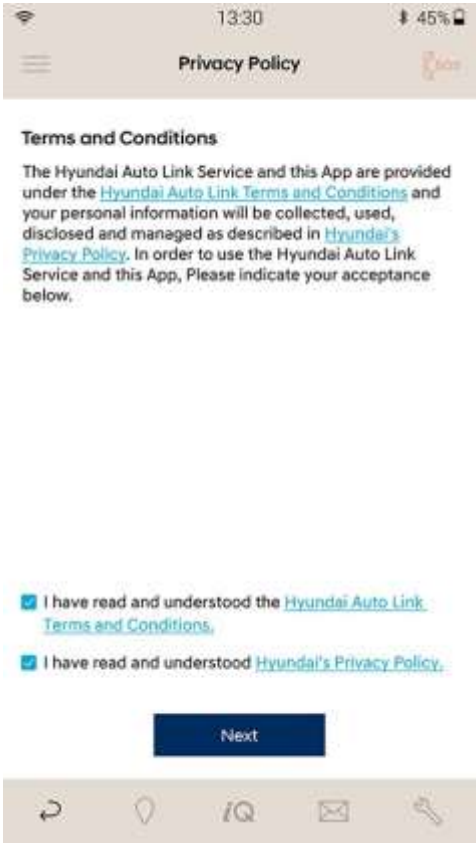
 AUTO LINK MODULE is connected to the smart phone via Bluetooth. The blue indicator blinks on and off when it is communicating with the Auto Link application.

[Red, Blue]

 AUTO LINK MODULE communicates with the vehicle. The green indicator blinks on and off while communicating with the vehicle. [Red, Green, Blue]

■ Privacy Policy

You will be asked to check the box if you agree with Hyundai Auto Link Terms and Conditions and Hyundai’s Privacy Policy. Accept the terms and conditions to use the Auto link application, and press the [Next] button for the next step.



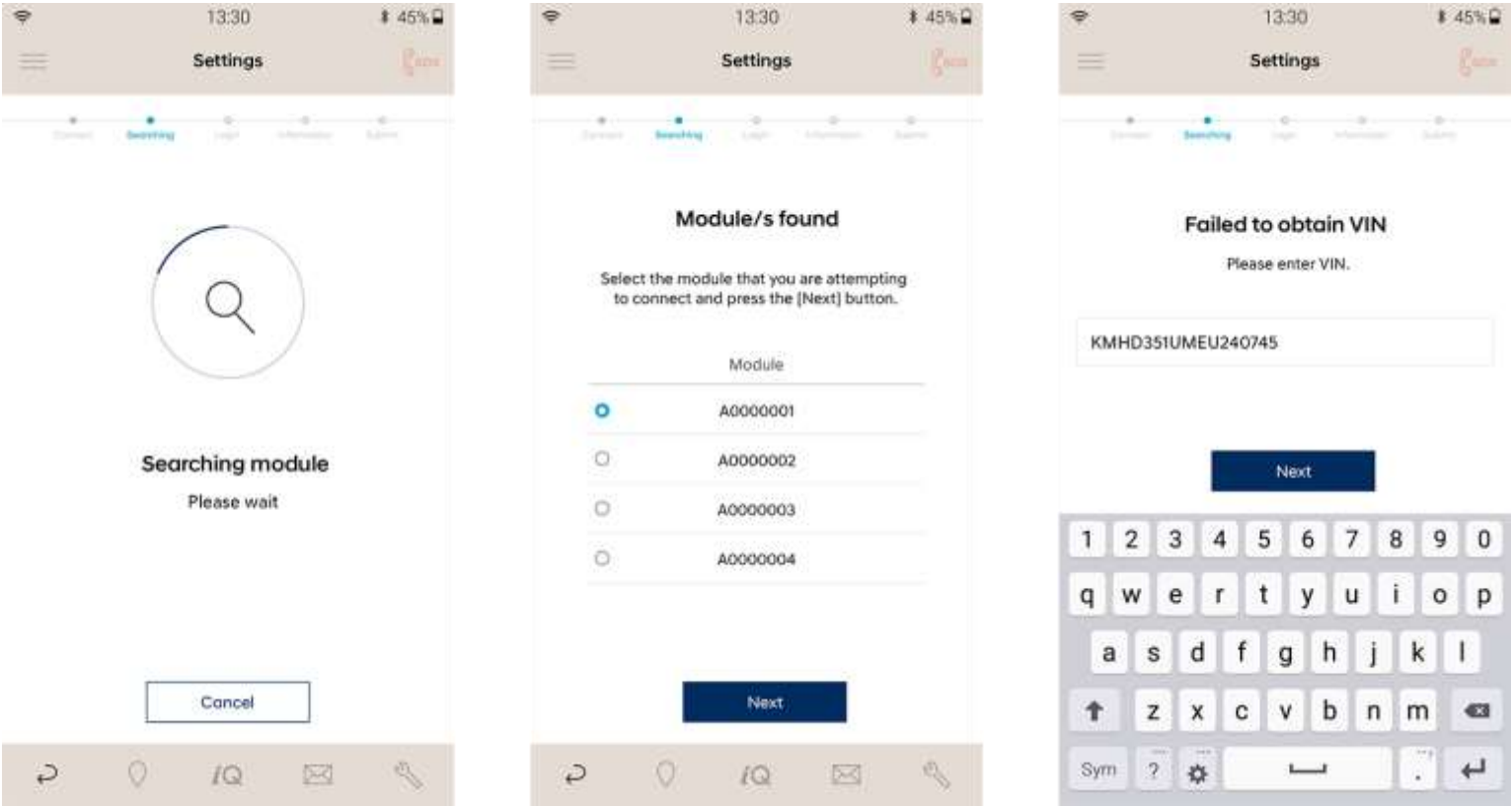
■ AUTO LINK MODULE Settings - Connect (Step 1)

After connecting the DIAGNOSIS MODULE to the OBD port, press [Start] button on the application to search the module.



■ AUTO LINK MODULE Settings - Searching (Step 2)

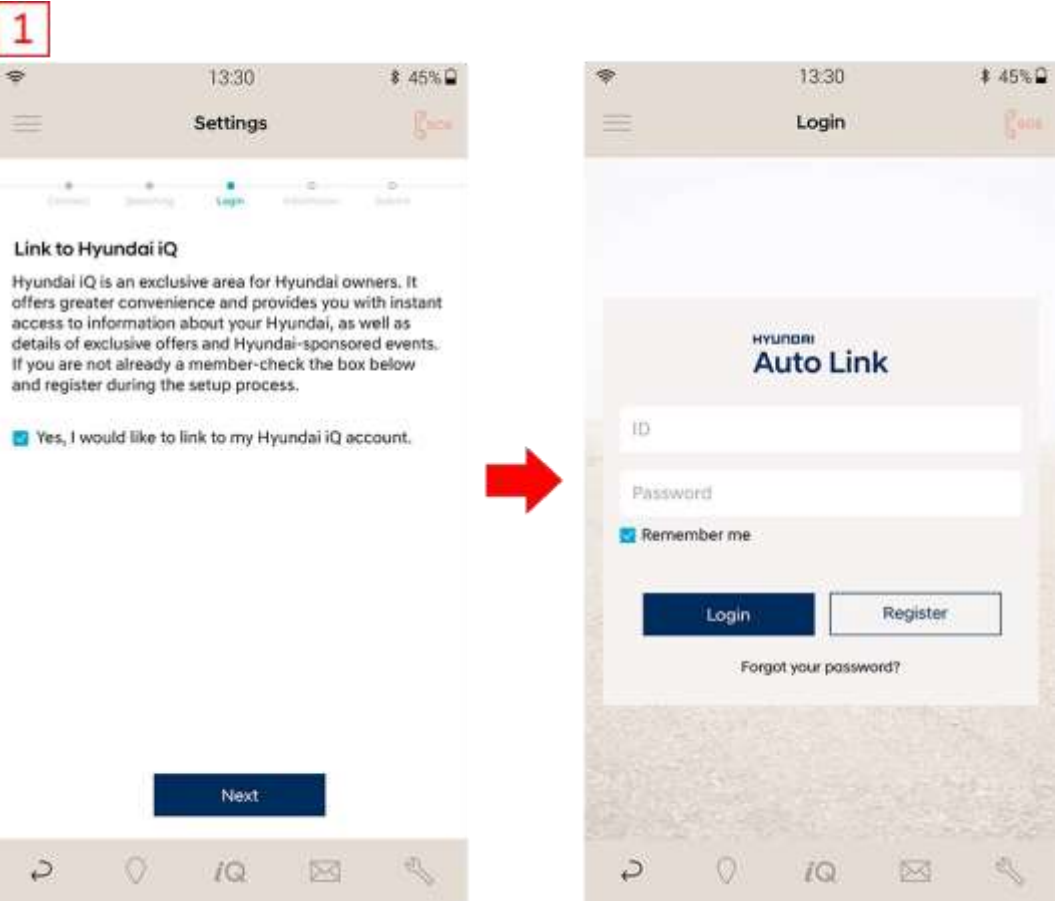
If more than two modules are detected and displayed on the list, check the serial number on your AUTO LINK MODULE and select it.  
VIN(Vehicle Identification Number) is required to set up the vehicle information. VIN can be automatically detected by communication between the vehicle and the DIAGNOSIS MODULE. If the DIAGNOSIS MODULE is not able to obtain the VIN from the vehicle, the user may need to insert the VIN manually.



■ AUTO LINK MODULE Settings - Login (Step 3)

After getting VIN, you will be asked to check a box to Link with Hyundai iQ.

- ① Hyundai iQ - If you agree to link Hyundai iQ account, check the box and press the [Next] button. Then, you will see the Login page.
- ② Driver Mode - If you don't want to link Hyundai iQ, press the [Next] button without checking the box. User information page will be displayed for the next step.



If you agree to use Hyundai iQ, login on this page to use the Auto Link application.

2

**Settings**

**Link to Hyundai iQ**

Hyundai iQ is an exclusive area for Hyundai owners. It offers greater convenience and provides you with instant access to information about your Hyundai, as well as details of exclusive offers and Hyundai-sponsored events. If you are not already a member-check the box below and register during the setup process.

☒ Yes, I would like to link to my Hyundai iQ account.

**Next**



**User Information**

Please enter the following information to complete the settings.

**Your details**

Mr

First name John

Last name Doe

Mobile no. 123-123-4567

E-mail john@example.co.nz

Wellington 6022

VIN KMHD051U1MEU240745

Rego plate no. ABC123

Odometer 70,532

WOF expiry date 15-09-2020

Date of purchase 15-09-2017

Brendan Foot Metro

**Next**

●Insert your ID and Password with your Hyundai iQ account.

●Press [Register] button to register an account on Hyundai iQ.

**Login**

**HYUNDAI Auto Link**

ID

Password

☒ Remember me

**Login** **Register**

[Forgot your password?](#)

**HYUNDAI iQ**

**Register for Hyundai iQ**

[Log in with Facebook](#)

[Log in with Google](#)

first name

last name

email address

password

☐ I confirm I have read and accepted the Terms and Conditions and Privacy Policy

☐ Sign me up to receive invites to VIP

[Notice]

Driver Mode will not ask you to log in Hyundai iQ, and provide you restrict services on the Auto Link application. Hyundai iQ functions (Vehicle Health Report, statistics) and Book a Service function will not be available on Driver Mode. Register Hyundai iQ if you want to use all functions. (If you are experiencing any issues with creating your Hyundai iQ account, please contact us 0800 HYUNDAI (498 632))

## ■ AUTO LINK MODULE Settings - Information (Step 4)

Login with your Hyundai iQ account on the Auto Link application. User information will be synchronized with your Hyundai iQ. You just need to fill out activated blanks such as Rego plate no., Odometer, WOF expiry date, Date of purchase, and Favorite dealer.

## ■ AUTO LINK MODULE Settings - Submit (Step 5)



13:30

45%

User Information



Connect

Searching

Input

Information

Submit

Please enter the following information to complete the settings.

Your details

Mr

First name

John

Last name

Doe

Mobile no.

123-123-4567

E-mail

john@example.co.nz

Wellington

6022

VIN

KMHD351UMEU240745

Rego plate no.

ABC123

Odometer

70,532

WOF expiry date

15-09-2020

Date of purchase

15-09-2017

Brendan Foot Metro

Next




The final step of settings displays your details based on your information. Press [Next] button to move on.

13:30

45%

Submit



Connect

Searching

Input

Information

Submit

Your details

Title

Mr.

First name

John

Last name

Doe

Mobile no.

12-123-4567

E-mail

john@example.co.nz

Region(Postcode)

Wellington (6022)

VIN

KMHD351UMEU240745

Rego plate no.

ABC123

Odometer

70,532

WOF expiry date

15-09-2020

Date of purchase

15-09-2017

Favorite dealer

Brendan Foot Metro

Submit



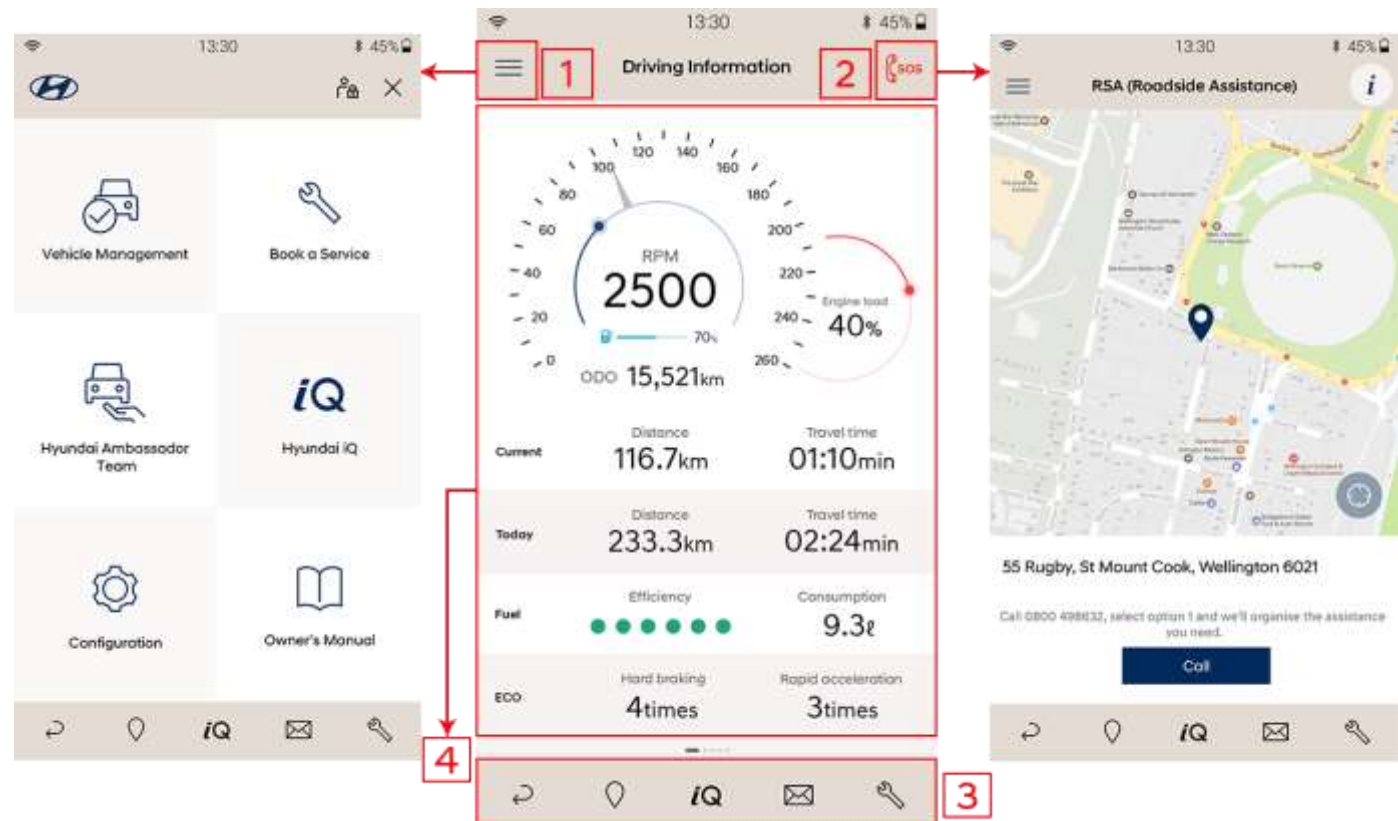
Screen Layout

This describes basic function supported on the Auto Link application.

\* Default screen is driving information.

① Menu: Allows the user to navigate to other functions.

② RSA (Roadside assistance): Allows the user to contact the RSA call center directly when a problem occurs during driving.



③ Hot key (Bottom): Allows the user to navigate to Back, Favourite dealer, Hyundai iQ Home, Message Box, Book a Service.

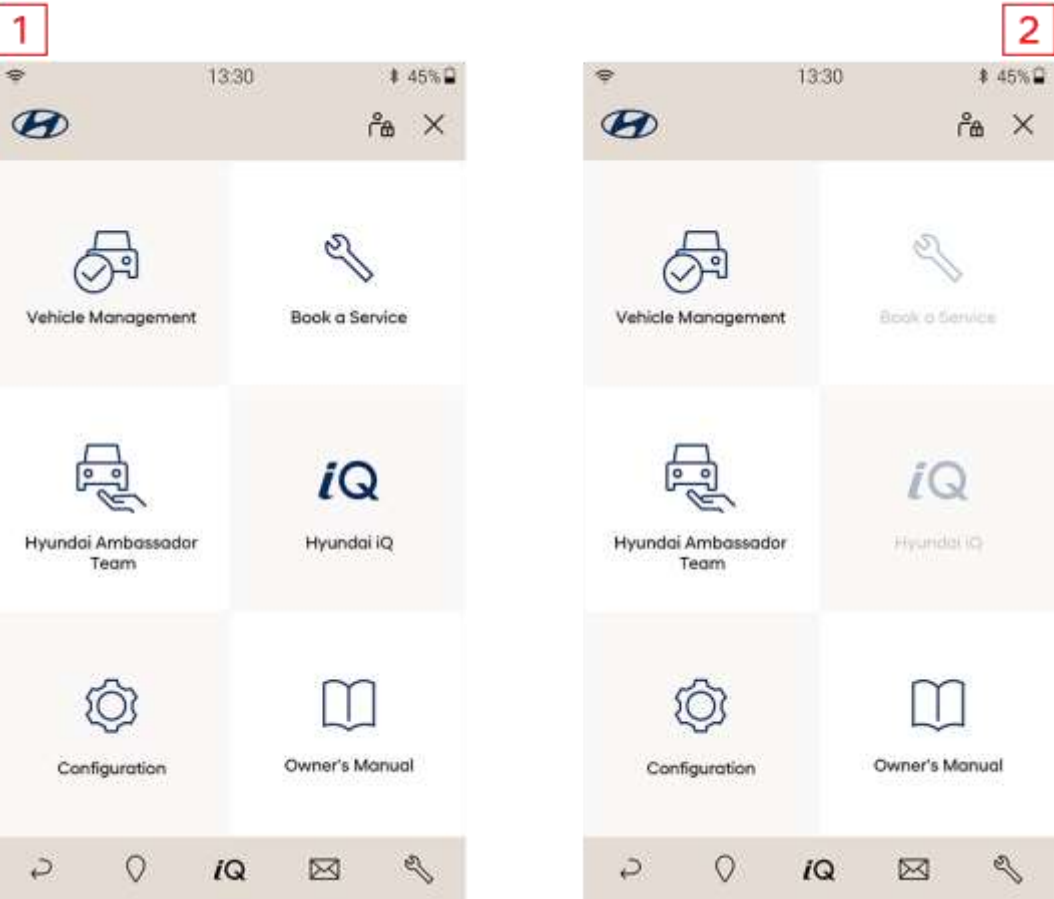
④ Main function: Displays each function of the Auto Link application.

### ■ Menu

Shows the list of all functions. Menu contains Vehicle Management, Book a Service, Hyundai Ambassador Team, Hyundai iQ, Configuration, and Owner's Manual. Also, you can check the login status on the top right of the menu screen.

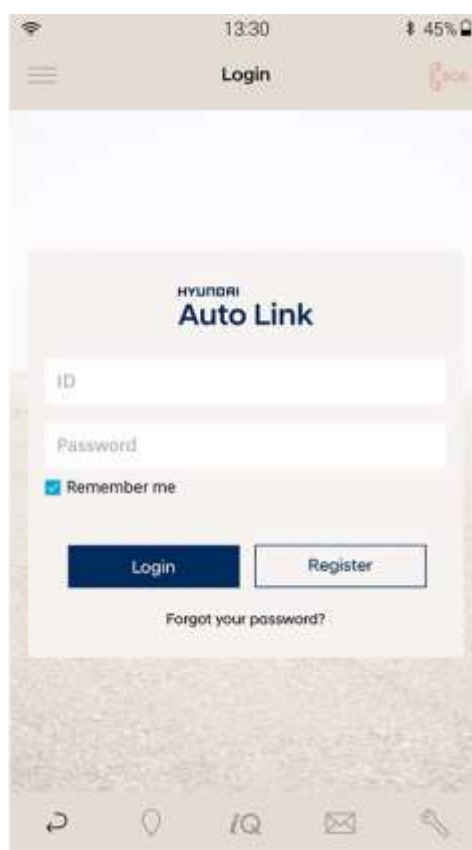
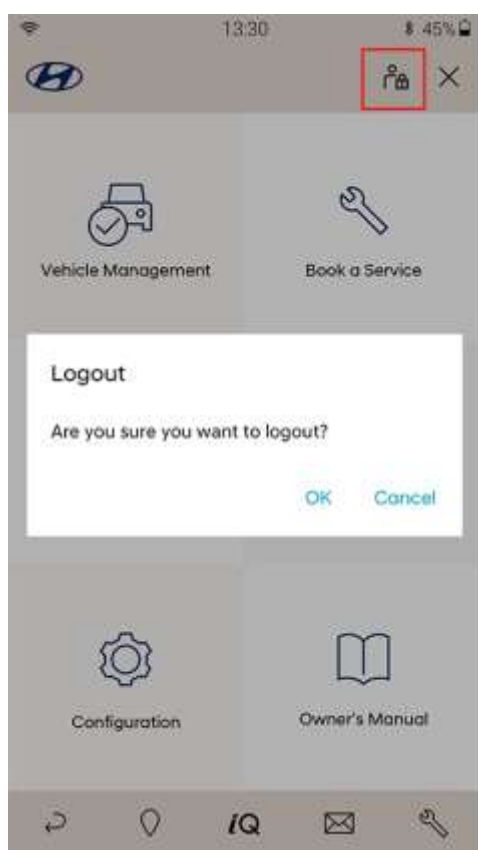
① Hyundai iQ

② Driver Mode



\* Logout – If you want to log out, press the [ ] button. Login page will be displayed.



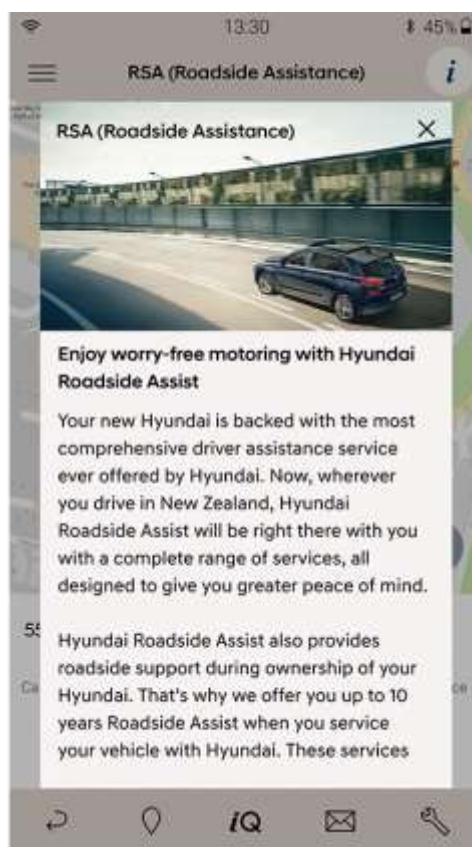


## ■RSA (Roadside assistance)

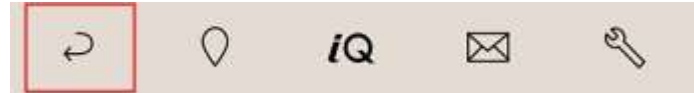
Allows the user to contact the RSA directly when a problem occurs with the vehicle.

① : Call to RSA center

② Detail information of RSA



■ Hot Key (Bottom)



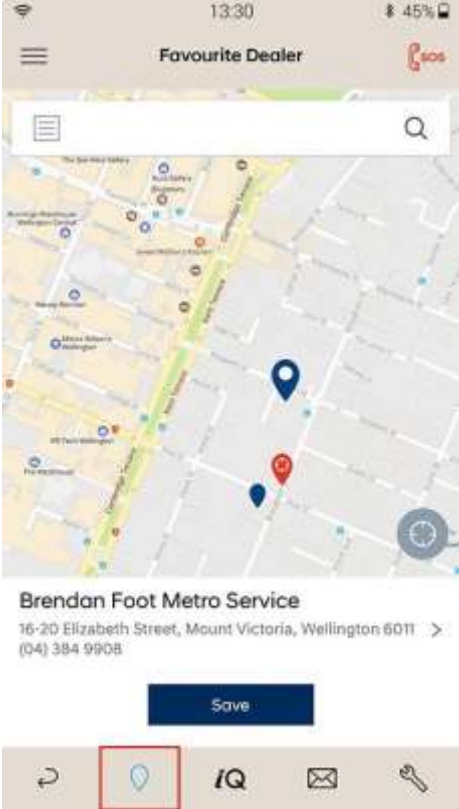
Allows the user to navigate to Back, Favourite dealer, Hyundai iQ, Message Box, and Book a Service.

1.Back

Allows the user to navigate to the previous page.

2.Favourite Dealer

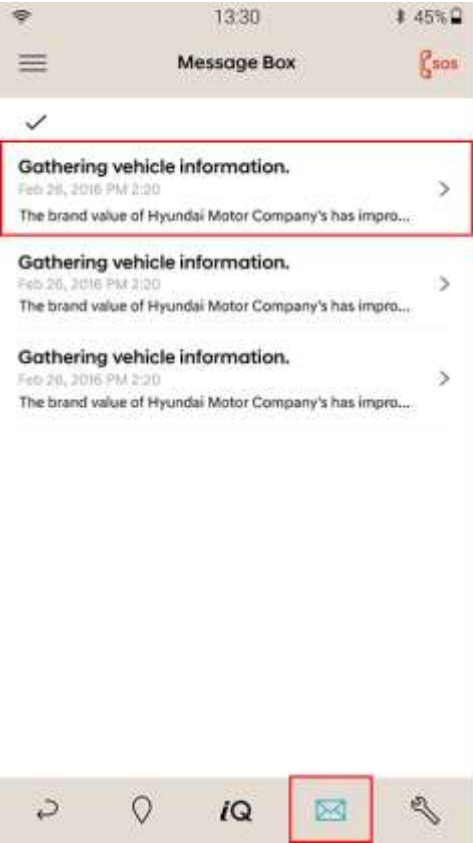
Provides favourite dealer information on the map or on the list.



3.Hyundai iQ

Links <http://iq.hyundai.co.nz/> ,and shows you the web page on the Auto Link application.





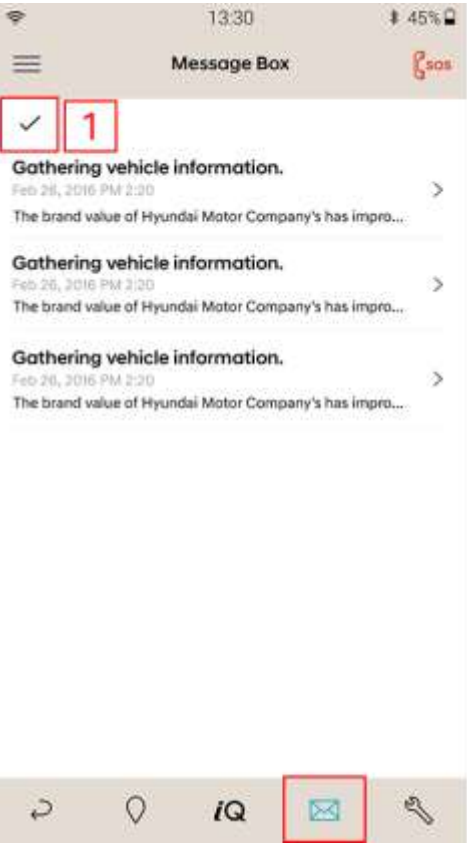
1



4.Message box

A function to receive messages from your favorite dealer or call center.  
Below shows how to delete messages on message box.

- ① Press the [ ✓ ] button on the upper left corner to activate the check box.
- ② Select the box next to the item you want to delete.
- ③ Press the [ ✕ ] button on the upper right corner.



3

2

5.Book a Service

Provides maintenance service by booking a service via Hyundai IQ. Select favourite dealer, Service interval, Preferred date to complete booking information. After filling all blanks out, press the [Book] button to complete.

13:3045%

Book a Service

Please complete booking information.

Brendan Foot Metro

Service interval

Preferred date

Vehicle drop offAMPM

Modeli30

Rego plate no.ABC123

Odometer70,532

VINKMHH551CVJU003284

Mobile no.12-123-4567

Book

IQ

1

Your reservation has been delivered.

OK

2

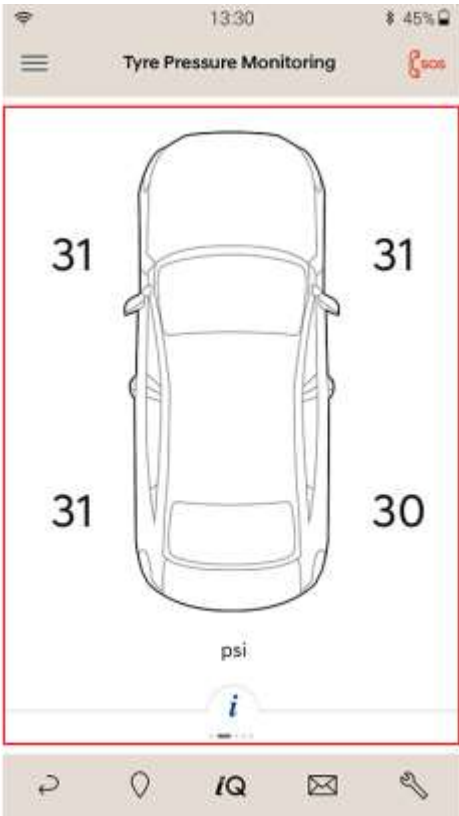
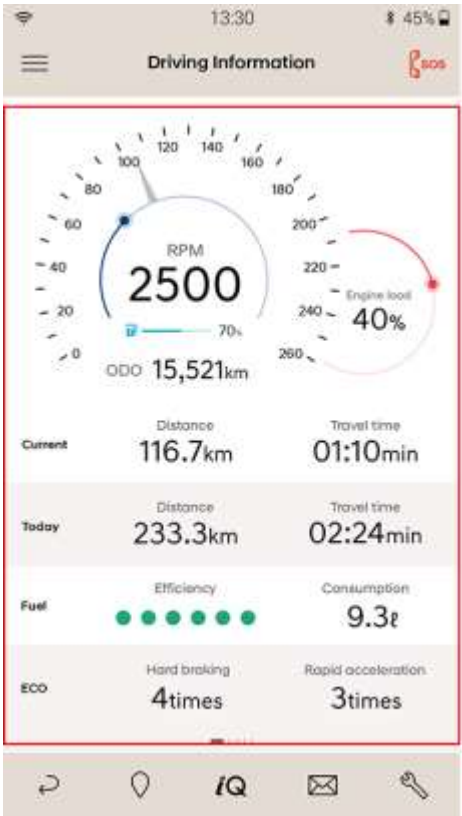
Please fill in the required information

OK

3

Please check your input or network status.

OK



13:3045%

Driving History

|   |
|---|
| Jan 21, 2016  |
| 2 Belfast St, Mount Cook, Wellington 6021<br>21-01 AM 09:10         |
| 4 Kent St, Horowhenua, Levin 5510<br>21-01 AM 10:28<br>95km   78min |
| 28 Tokomaru E Rd, Tokomaru 4474<br>21-01 AM 07:24                   |
| 4 Kent St, Horowhenua, Levin 5510<br>21-01 AM 07:43<br>29km   21min |
| Jan 19, 2016  |
| 219 Old W Rd, Linton 4474<br>19-01 PM 11:32                         |
| 28 Tokomaru E Rd, Tokomaru 4474<br>19-01 PM 11:42<br>13km   10min   |

IQ

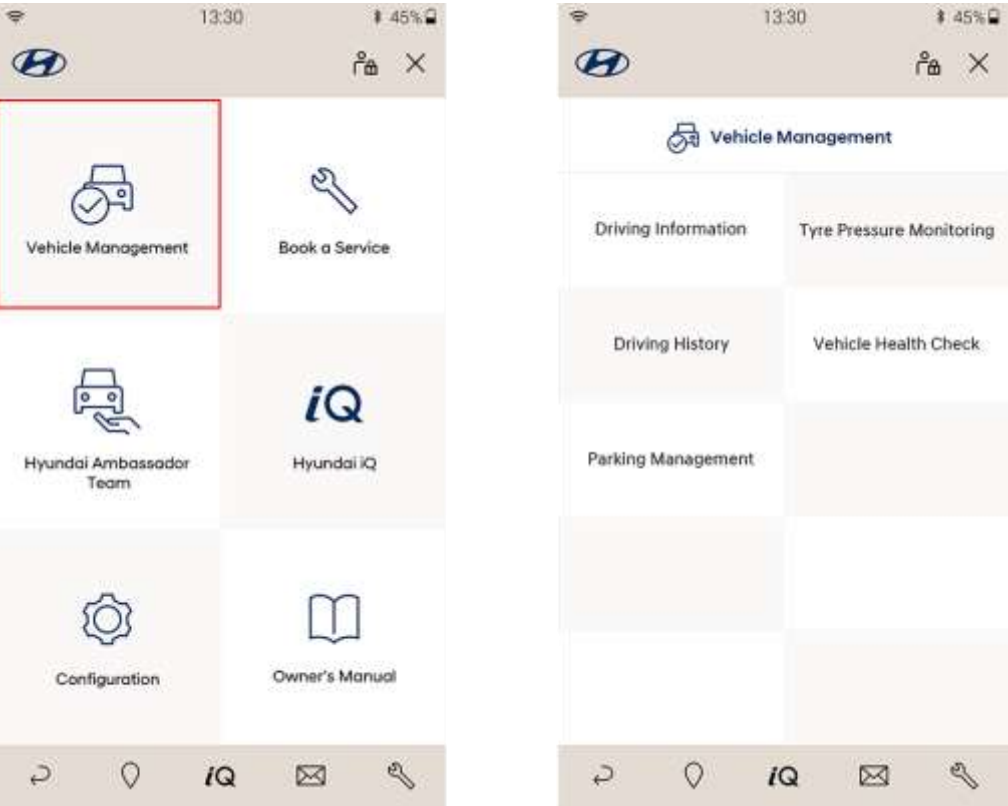
- ① Reservation success.
- ② Reservation fail – fill in the require information.
- ③ Reservation fail – unstable network. Check your network status.

■Main screen

Displays three functions of the Auto Link application.  
Each screen of functions can be swiped by a finger, and provides you the vehicle information.

Main function - Vehicle Management  
Provides the Driving Information, Tyre Pressure Monitoring, Driving History, Vehicle Health Check, Parking Management.

\* Functional shift: Swipe the screen from right to left or left to right to switch the screen.  
\* The default screen is driving information.



■ Driving information (Main page)



- ① Current
  - Distance: The distance traveled of your current driving
  - Travel time: Total time passed of your current driving

- ② Today
  - Distance: The distance traveled of your daily driving



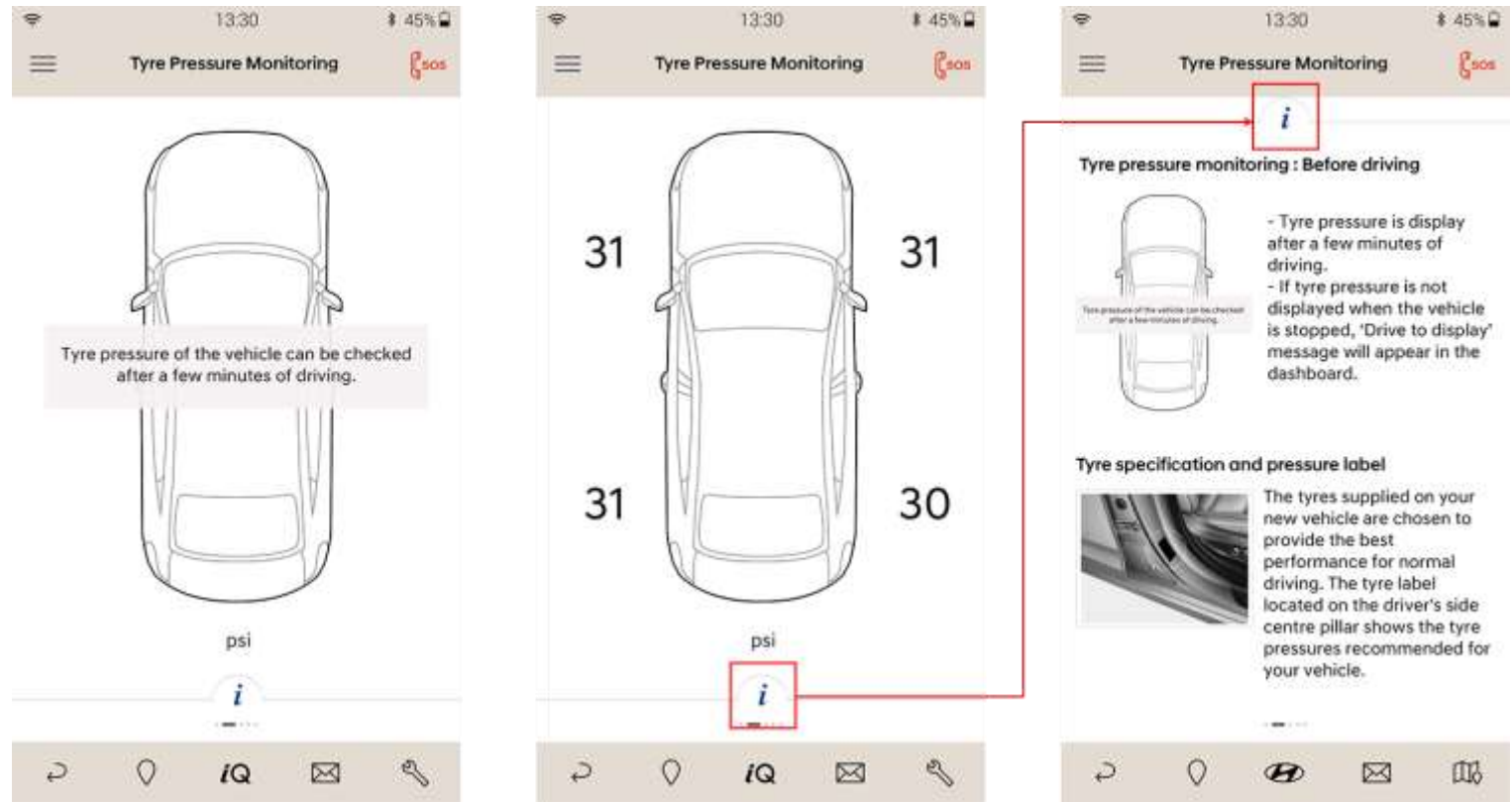
-Travel time: Total time passed of your daily driving

③ Fuel

-Efficiency: From engine start to engine off (Each Driving Time) The number of [🟢] shows efficiency percentage.  
[6 circles - 100%, 5 circles - 99~90%, 4 circles - 89~80%, 3 circles - 79~70%, 2 circles - 69~60%, 1 circle - under 60%]

-Consumption: From engine start to engine off (Each Driving Time)

④ ECO



-Hard braking: The number of times for hard brakes

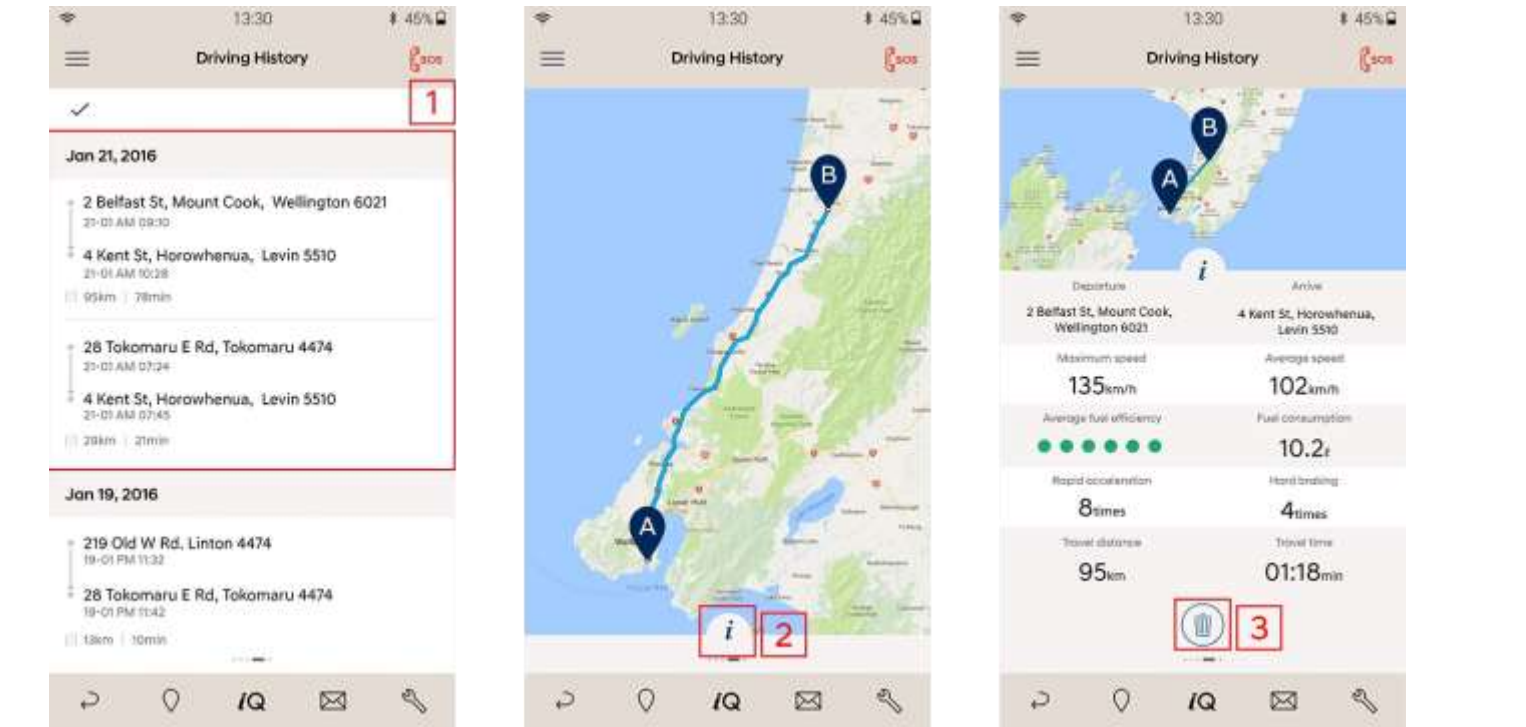
-Rapid acceleration: The number of times for rapid acceleration

■ Tyre Pressure Monitoring

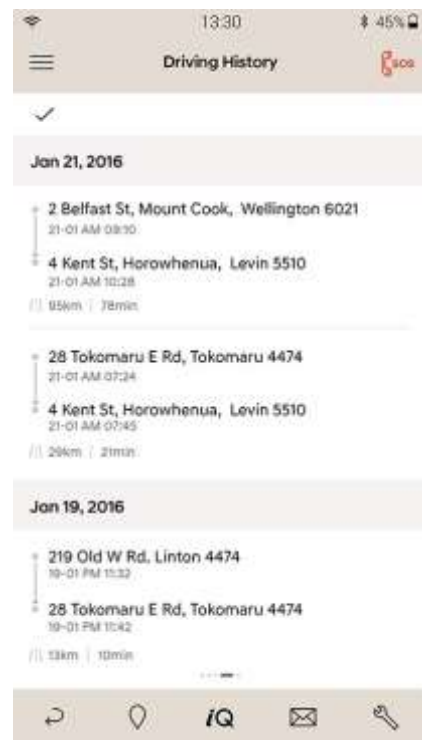
Provides the tyre pressure status of the vehicle. Tyre pressure will be shown after driving a few minutes. If the tyre pressure is not within standard pressure, the number of tyre pressure will be displayed as red color. Slide up with the [ i ] icon to see more information.

■ Driving History

Checks driving history by dragging the Tyre pressure screen from the right to the left. The driving history is sorted by date. Each item consists of Departure, Arrive, Maximum speed, Average speed, Average fuel efficiency, Fuel consumption, Rapid acceleration, Hard braking, Distance and Travel time.







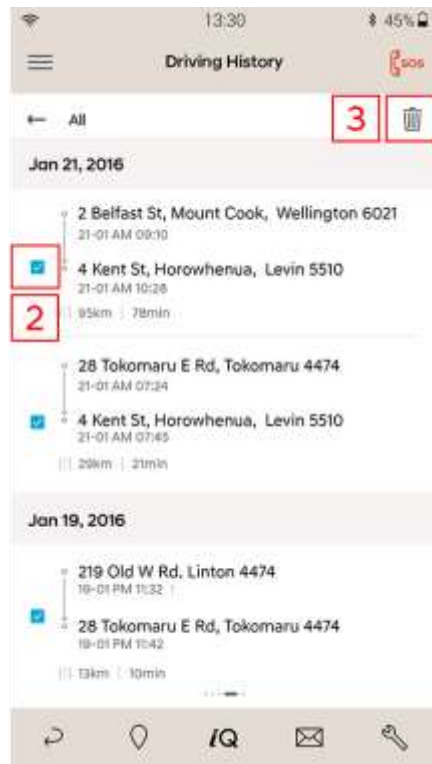
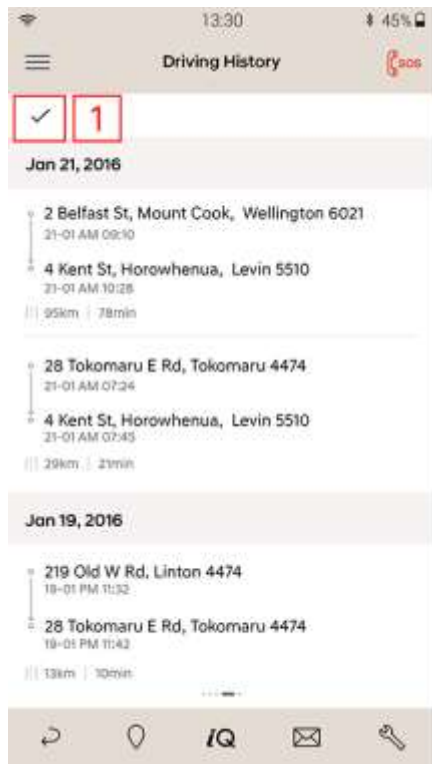
### 1.Check Driving History

Shows driving history in the latest date order.

- ①Select the item for more information.
- ②For the detail information, press the [ ] button at the bottom.
- ③Press the [ ] button at the bottom if you want to delete the driving history.

### 2.Delete Driving History

- ①Press the [ ] button on the upper left corner to activate the check box.
- ②Select the box next to the item you want to delete.
- ③Press the [ ] button on the upper right corner.



## ■ Vehicle Health Check

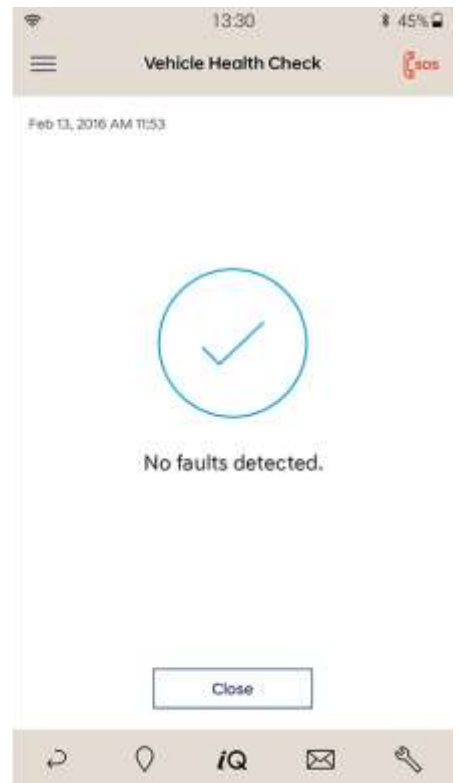
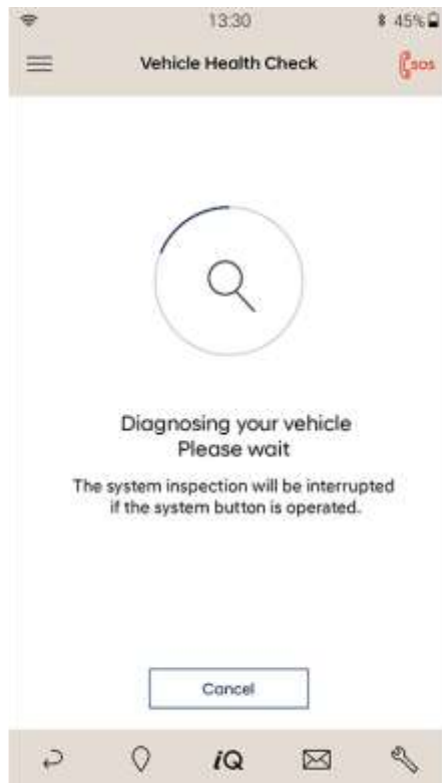
The user can diagnose the status of their vehicle. If a problem is detected, it provides connection to the call center.

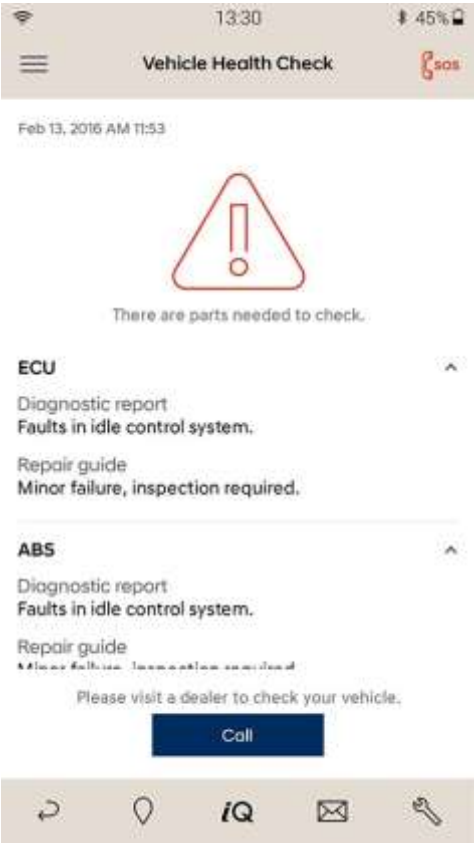
### ① Initiating system inspection

- Place the gear lever to “P” range position
- To turn the Ignition ON
- When you are ready, press [Start] button.

### ② When a problem is detected The alert notification screen will appear when a problem is detected.

Press [Cancel] button to make a reservation for vehicle maintenance or contact your dealer. \* When a problem is detected, the diagnosis data will be sent to the server for vehicle maintenance.

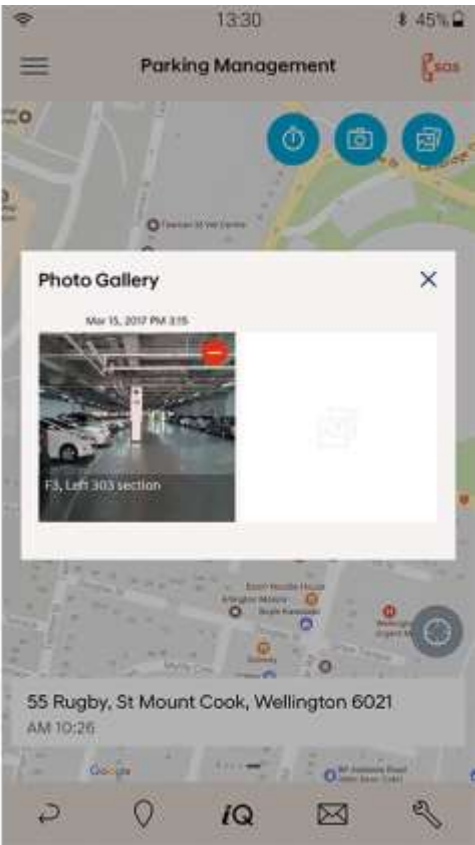
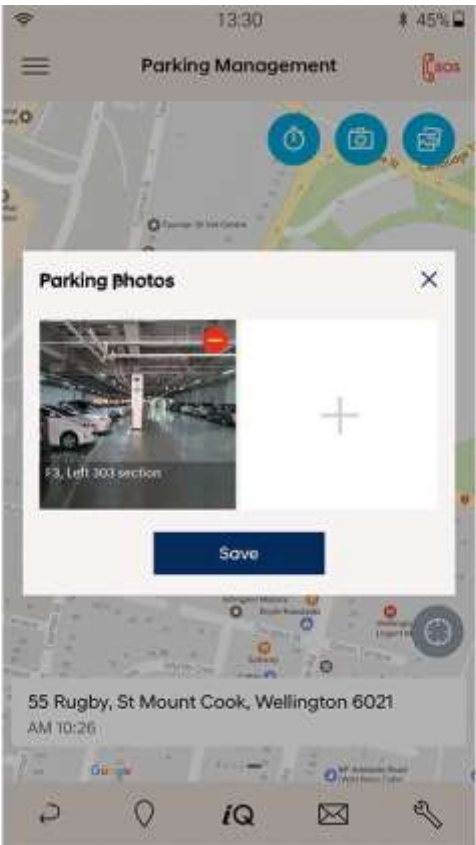




■ Parking Management

Provides the parking location of user’s vehicle and parking time through the location services on user’s smart phone when you park the vehicle. Taking pictures and adding a memo on the picture are available on the Auto Link application, and taken pictures can be uploaded up to two on parking photos.

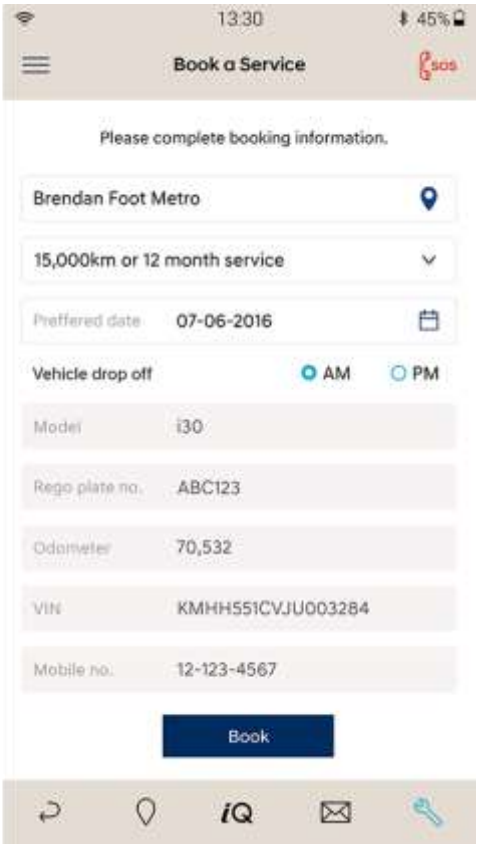
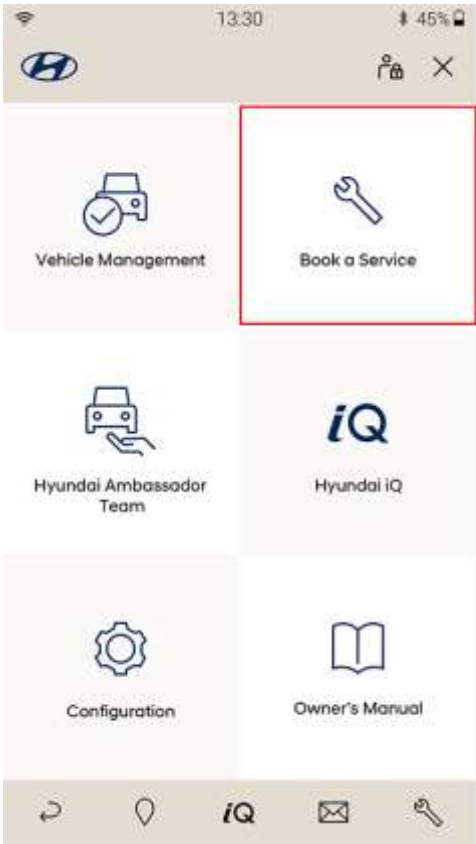




Main function - Book a Service

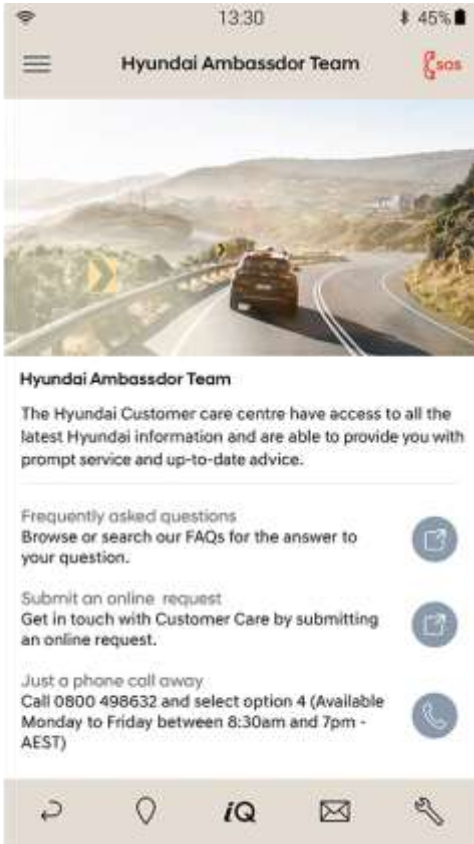
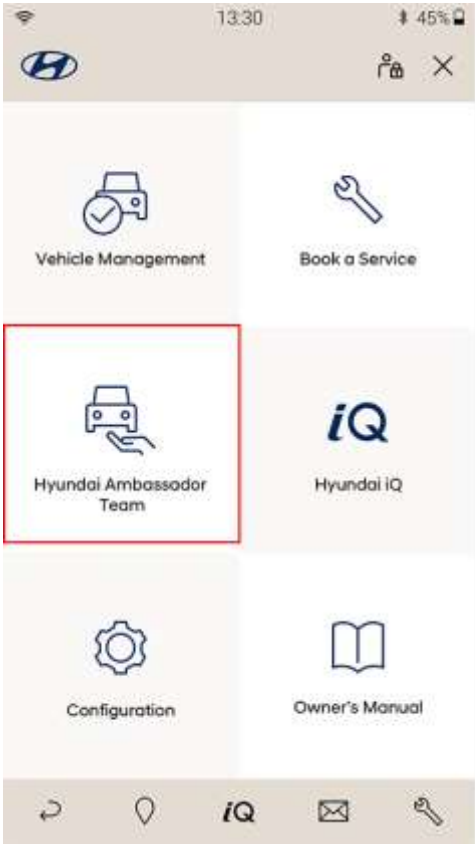
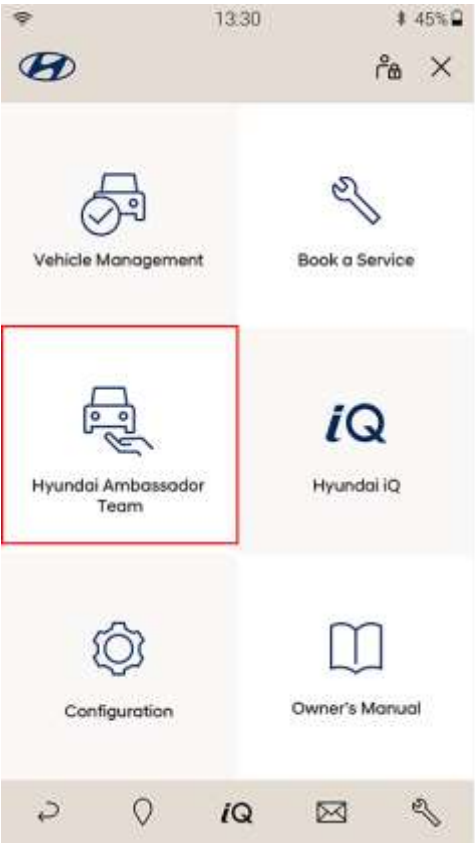
### ■ Book a Service

Provides booking service on the Auto Link application via Hyundai iQ.  
Please refer to the Screen composition > Book a Service for more details.



■ Hyundai Ambassador Team

Provides you with prompt service and up-to-date advice with the latest Hyundai information.



Main function - Hyundai iQ  
Provides Hyundai iQ Home, Vehicle Health Report, Statistics (ECO Driving), Statistics(Speed).

■ Hyundai iQ Home

Links “http://iq.hyundai.co.nz/” ,and shows you the web page on the Auto Link application.

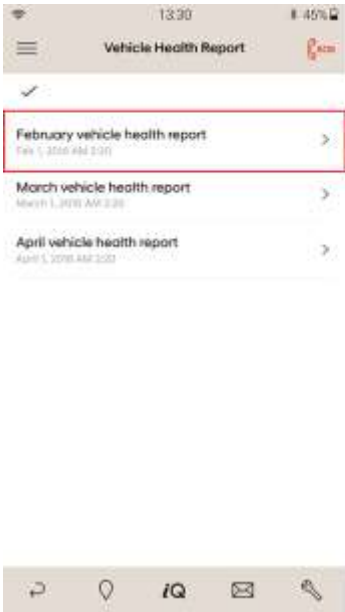


■ Vehicle Health Report

Provides Vehicle health report. It is listed in the latest date order.

- ①Select the report list which you want to check.
- ②Press the [ + ] button to check the full name of Diagnosis items.

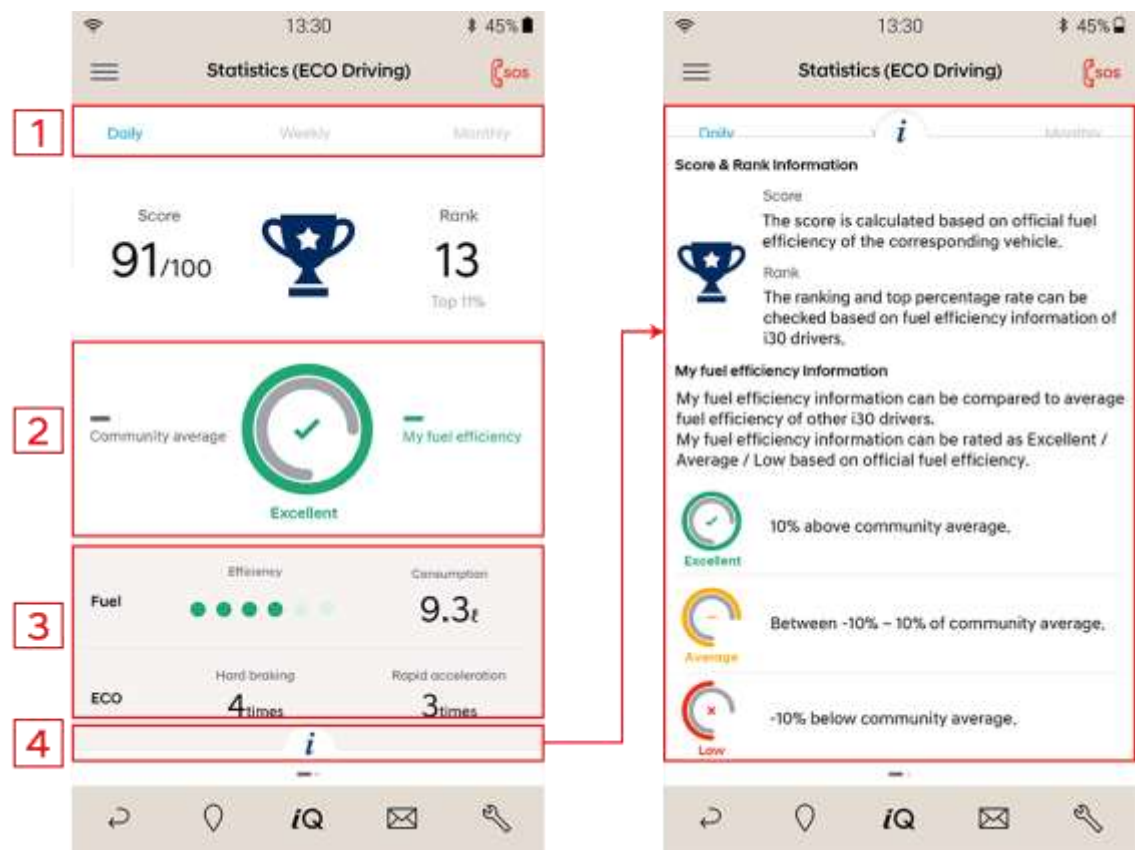
Provides statistics of the user's driving pattern in which the results can be viewed in daily, weekly or monthly. You can swipe the page from ECO Driving to Speed or from Speed to ECO Driving by dragging the screen from the right to the left, from the left to the right.





■ Statistics (ECO driving)

Provides statistics of the user's driving pattern in which the results can be viewed in daily, weekly or monthly.



① Statistics Period Types: Daily, Weekly and Monthly.

② ECO Driving Information

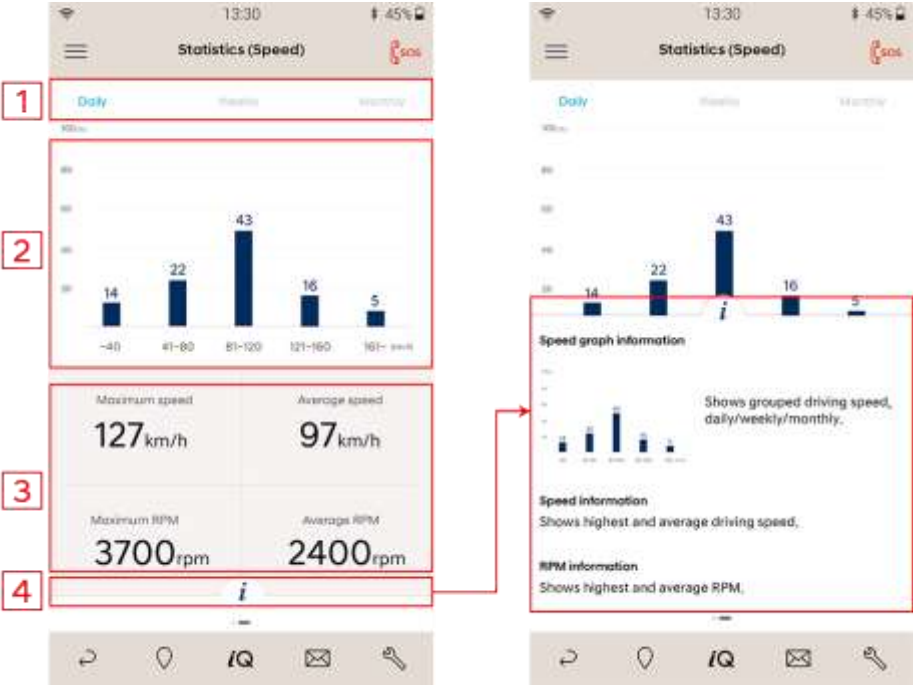
- Community average
- My fuel efficiency

③ Driving Pattern Analysis

Provides statistics for Efficiency, Consumption, Hard Braking, Rapid Acceleration.  
The number of [🟢] shows efficiency percentage on Statistics.  
[6 circles - 100%, 5 circles – 99~90%, 4 circles – 89~80%, 3 circles – 79~70%, 2 circles – 69~60%, 1 circle – under 60%] ④Slide up with the [i] icon to see more information.

■ Statistics (Speed)

Provides statistics for the vehicle's speed pattern.

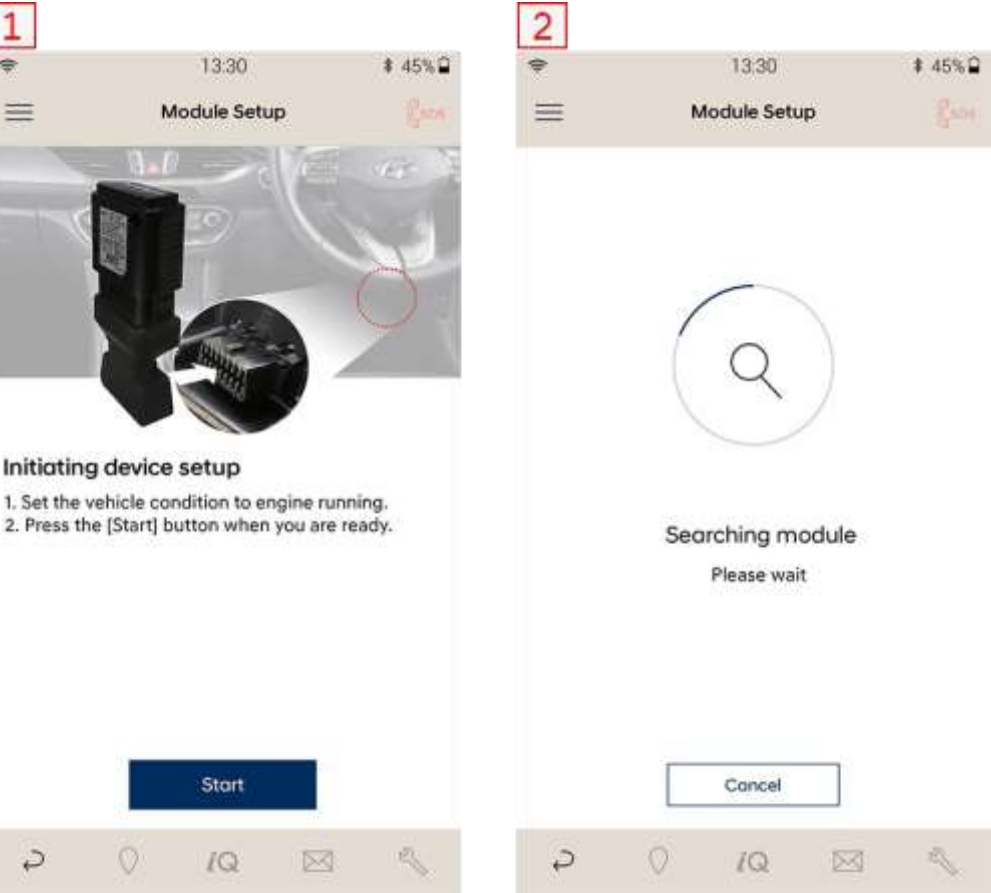


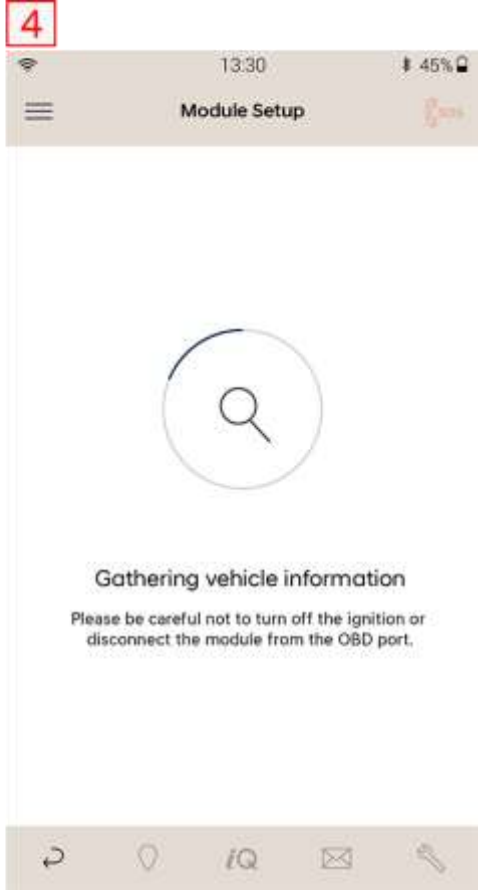
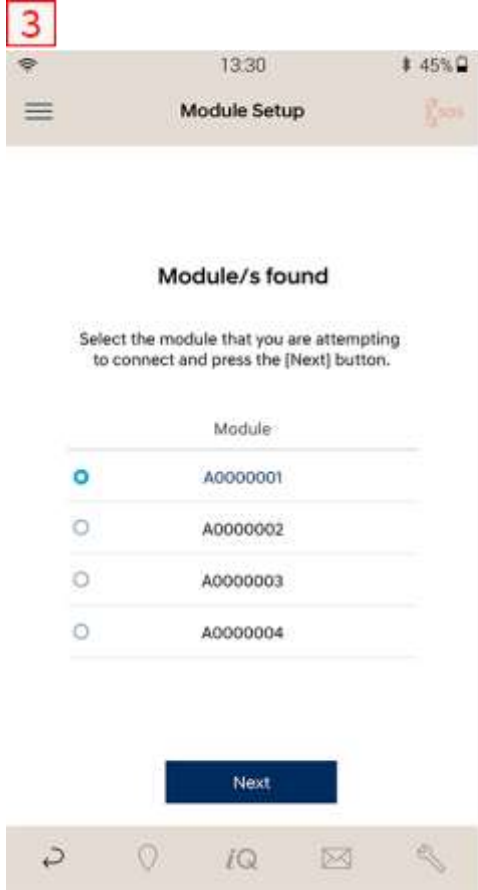
- ① Statistics Period Types: Daily, Weekly and Monthly.
- ② Driving Pattern Analysis:  
: Less than 40 km/h, ~80 km/h, ~120 km/h, ~160 km/h, over 160 km/h
- ③ Driving Pattern Analysis:  
Maximum Speed, Average Speed, Maximum RPM and Average RPM.
- ④ Slide up with the [ i ] icon to see more information.

Main function - Configuration  
The user can check the Auto Link information such as Module Setup, User Information, Application Settings, Program Version, Unit Settings, User Guide, and Module diagnosis.


■ Module setup

Provides that user can pair the DIAGNOSIS MODULE connected to the OBD port and the Auto Link application. After selecting correct serial number, vehicle information will be gathered automatically.






■ User Information

Provides your detailed personal information. WOF expiry date and Favourite dealer can be edited and updated by tapping the (  ) button.

13:3045%

User Information



First name

John

Last name

Doe

Mobile no.

123-123-4567

E-mail

john@example.co.nz

Wellington

6022

VIN

KMHD351UMEU240745


Rego plate no.

ABC123

Odometer

70,532


WOF expiry date




Date of purchase


2017-04-13


Brendan Foot Metro



Update





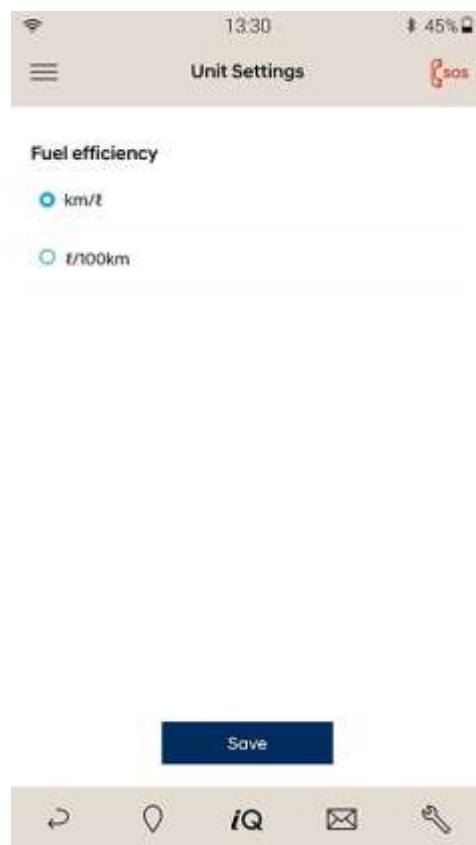
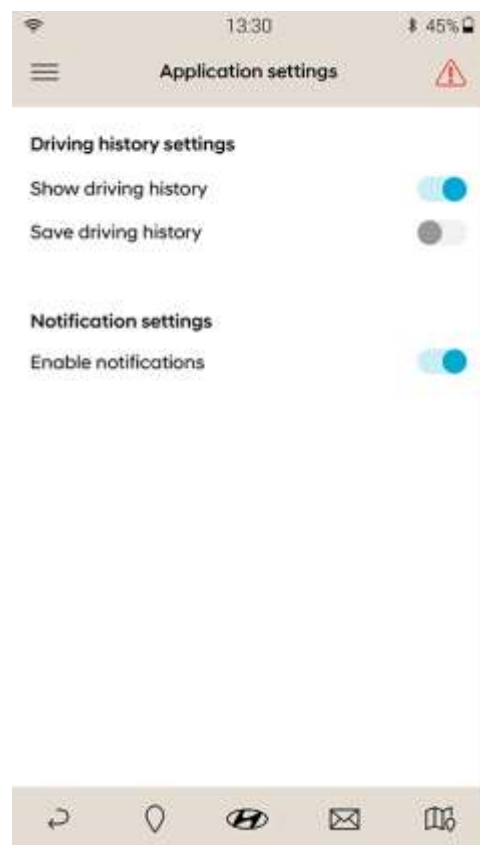


■ Application Settings

Provides Application settings to enable/disable displaying Driving history, saving Driving history, and Notification settings.

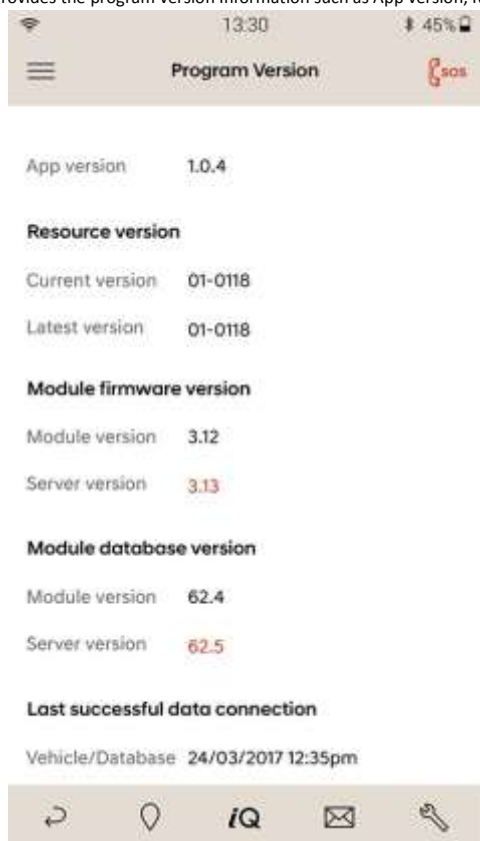
Driving history

- ① Driving history will be shown on the Auto Link application unless you disable the function.
- ② You are able to decide whether you save driving history or not in local. If you don't want to save it, disable the function.
- ③ If you don't want receive any notifications from your dealer, disable Allow notifications.



## ■ Program Version

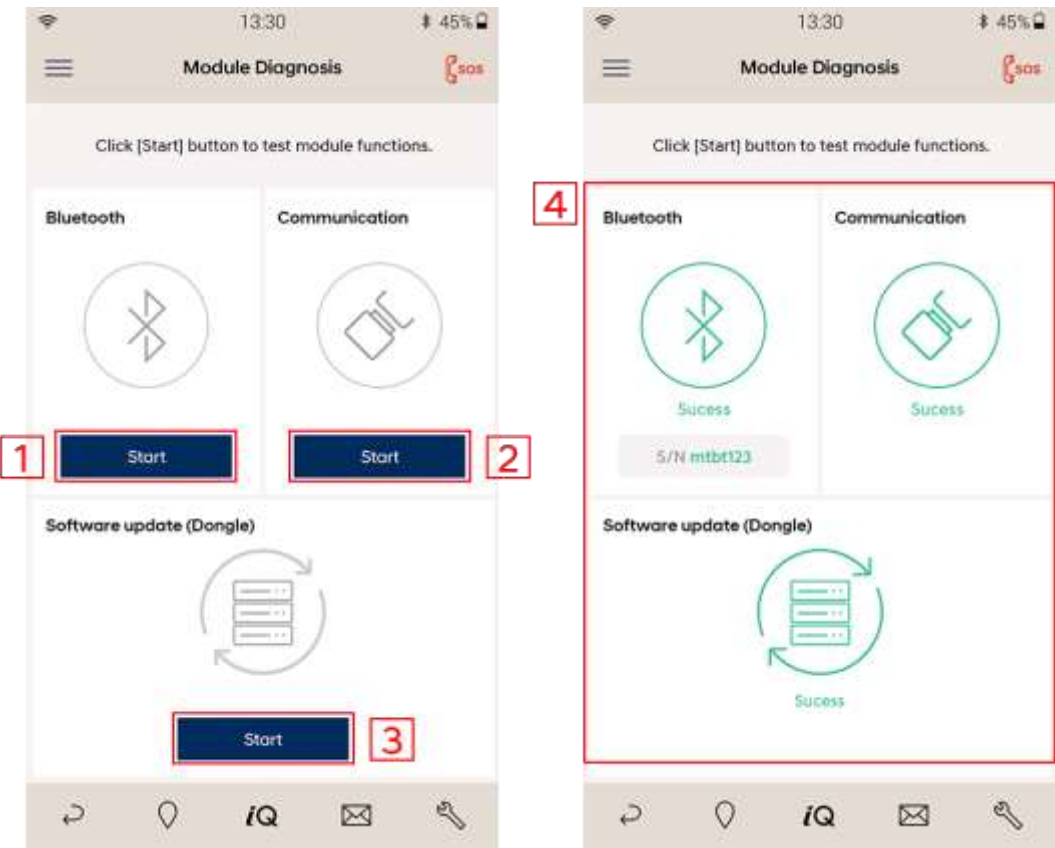
Provides the program version Information such as App version, Resource version, Module firmware version, Module database version, and Last successful data connection.



■ Module Diagnoses

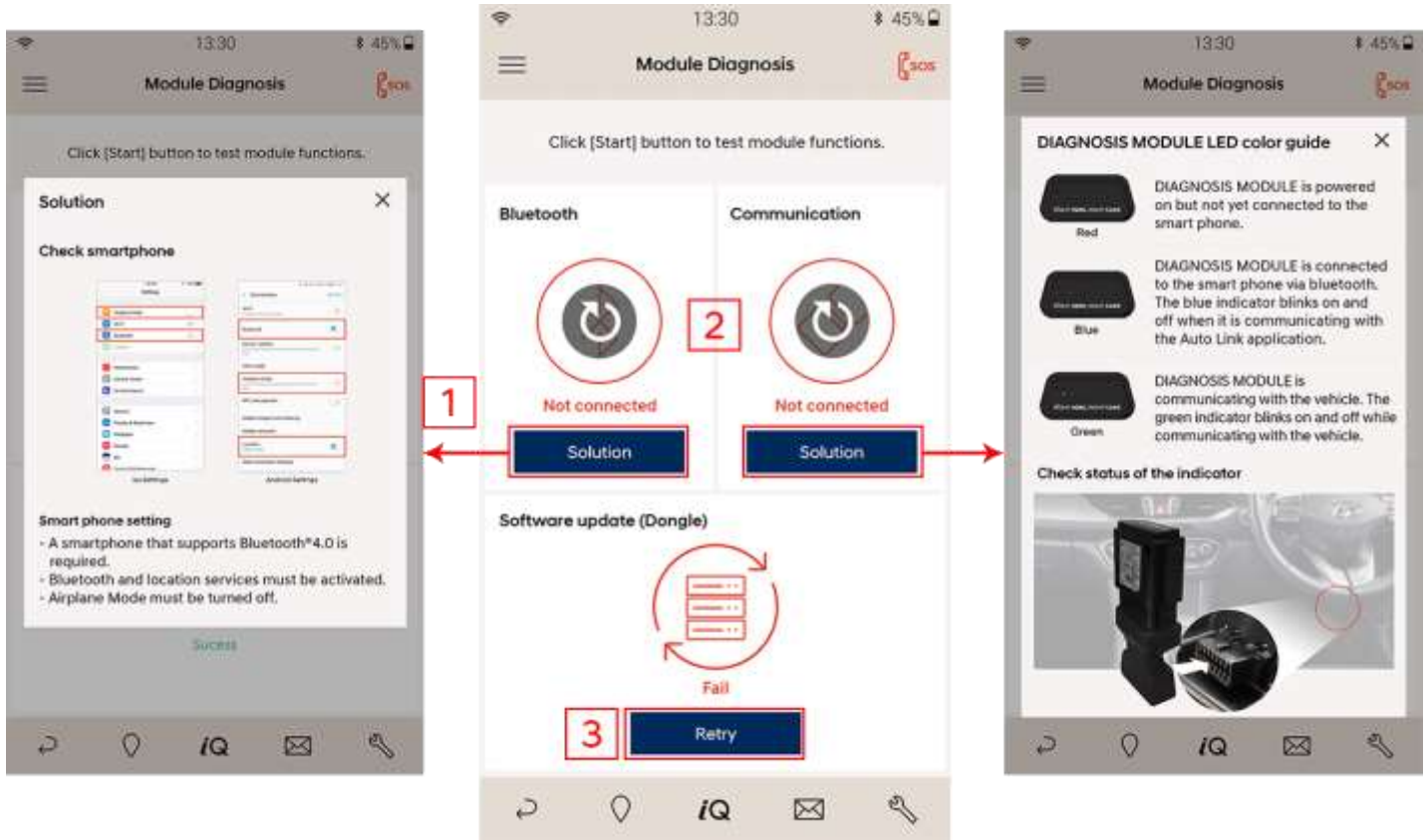
1.Provides a self-test function to check module diagnosis.

- ① Press the [Start] button on Bluetooth section if you want to check Bluetooth function between DIAGNOSIS MODULE and Auto Link.
- ② Press the [Start] button on Communication section if you want to check module communication between vehicle and DIAGNOSIS MODULE.
- ③ Press the [Start] button on Recovery section if you want to perform recovery for the all communication.
- ④ The result of module check will displays as green color if the module is connected properly.

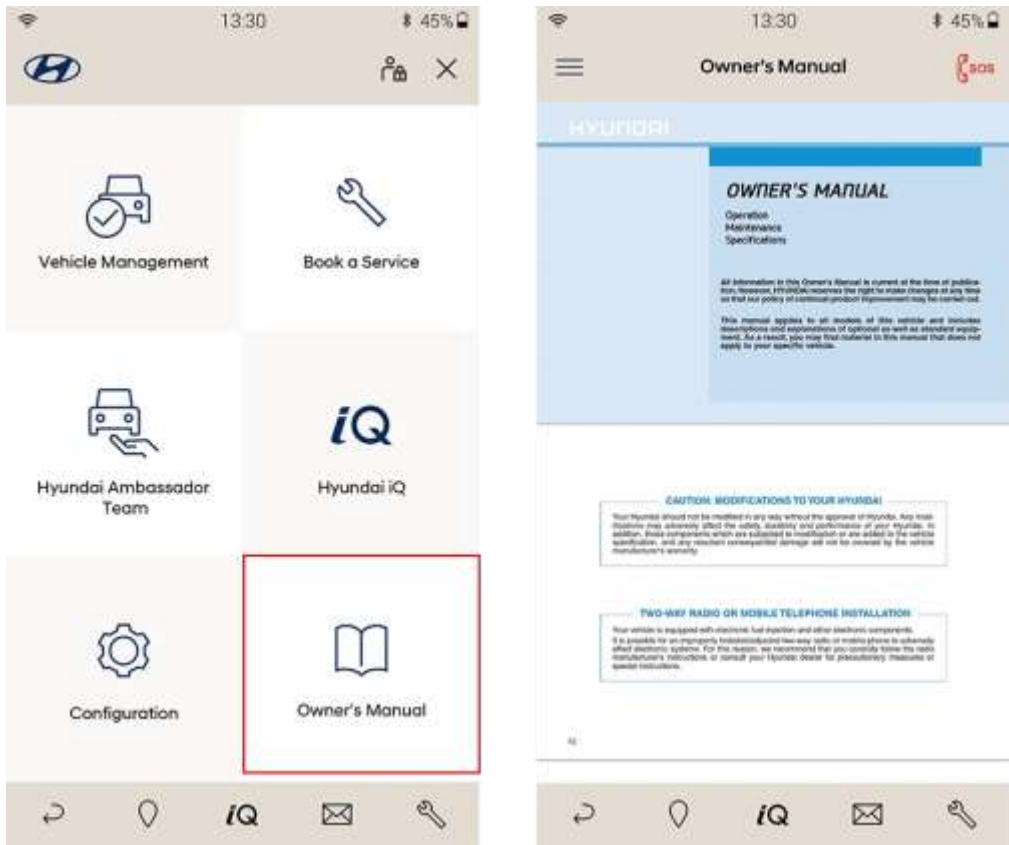


2.If the result of Module diagnosis displays as red color

- ① Press the [Start] button on Bluetooth and Communication section. Solution will be displayed on the Auto link application.
- ② Follow the instruction to make the connection working properly, and check the connection again by tapping the [Start] button.
- ③ Press the [Start] button on Software update if the problem still remains.



Provides a manual for owner's vehicle. A PDF file will be downloaded from the web site(<http://go.hyundai.co.nz>).





■ Warranty policy

Consumers are entitled to have free repair service for defective products.  
The responsibility to provide remedies is on the retailer and/or the manufacturer of the product.

If the same fault occurs again within two months, repair service will be provided free of charge. This warranty gives you legal rights and you may have other rights according to each state (or by country or province). Depending on the type of service requested, you may be charged for your repair service.

■ How to obtain warranty service?

- Please contact your dealer and/or the retailer.
- Please contact the call center.

■ What the warranty does not cover?

- Do not disassemble the product.
- Cosmetic damage, including but not limited to scratches, dents and broken plastic on ports unless failure has occurred due to a defect in materials or workmanship.
- Damage caused by accident, abuse, misuse, fire, earthquake or other external cause.
- Hyundai Motor Company products that has been modified to alter functionality or capability without the written permission of Hyundai Motor Company.

■ General

- Interference may be caused by external radio waves due to the nature of wireless communication devices.
- The information contained in this guide is subject to change without prior notice for performance improvements and other reasons.
- User data collection is subject to the policy of the Auto Link terms and conditions.
- The Auto Link contain functions that collect information from users which may cause mobile data charges.
- The vehicle status and driving information provided by the Auto Link may be different from the actual data. Please use it for reference purposes only.
- When installing the DIAGNOSIS MODULE, be sure to follow the user’s guide.
- Connecting the DIAGNOSIS MODULE by force can cause damage to the product and/or the vehicle.
- Use dry cloth to clean product. Use of chemicals is strictly forbidden.

Appendix

■ Copyright

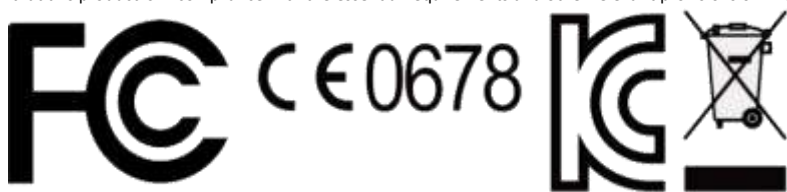
Copyright©2016. All rights reserved by Hyundai Motor Company.  
The copyright is held by Hyundai Motor Company. Copying, publishing, licensing of texts, graphics or images of this guide without prior approval in writing are strictly prohibited. When Auto Link user’s guide is copied, downloaded, published, distributed, and used as a source without the prior approval of Hyundai Motor Company, the party in question will be held legally liable.

■ DIAGNOSIS MODULE specifications

| Item                  | Specifications                                  |
|-----------------------|---|
| CPU                   | ARM 32-bit Cortex™-M3 (STM32F105RCT6) @ 72MHz   |
| Memory                | Flash Memory 256KByte, SRAM 64KByte             |
| Flash memory          | 8MByte  |
| Operating voltage     | DC 9V ~ 18V                                     |
| Operating temperature | -10°C~ 50°C                                     |
| Storage temperature   | -20°C~ 80°C                                     |
| Current consumption   | Typical mode 120mA @ 12V<br>Sleep mode 3mA @12V |
| Bluetooth protocol    | Bluetooth Low Energy 4.1 (Power Class 2)        |
| CAN interface         | High Speed CAN                                  |
| Dimension             | 53 X 52 X 24 mm                                 |
| Case                  | ABS   |

## ■ Notes regarding trademarks

This module complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This module may not cause harmful interference, and (2) this module must accept any interference received, including interference that may cause undesired operation. This product is CE marked according to the provision of the R&TTE Directive (99/5/EC). Hereby G.I.T., Co., Ltd., declares that this product is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC



FAQs

## ■ The DIAGNOSIS MODULE cannot be detected

The main cause of this problem is that either the DIAGNOSIS MODULE is not connected to the OBD port or Bluetooth is turned OFF. Please check your module in accordance to the following instructions.

### 1.Check smart phone settings.

- Make sure **Airplane Mode** is turned **OFF**.
- Make sure **Bluetooth** is turned **ON**.

### 2.Check connection between the DIAGNOSIS MODULE and the OBD port. Also, check if the ignition is on or the engine is running.

- Open the fuse box and check the LED status of the DIAGNOSIS MODULE.
- Try reconnecting the DIAGNOSIS MODULE to the OBD port.

### 3.If the problem cannot be resolved by the above methods, please contact your dealer or the call center for more information.

## ■ Auto Link application is not running

The problem may occur due to application crash or malfunction of the smart phone's operating system. Please check your application in accordance to the following instructions.

### 1.Restart your smart phone and try again.

### 2.Remove the Auto Link application from your smart phone and reinstall it through the App Store or Google Play.

### 3.If the problem cannot be resolved by the above methods, please contact your dealer or the call center for more information.

## ■ Driving Information is not updated

The problem may be caused by the Bluetooth connection and/or program version. Please check your application in accordance to the following instructions.

### 1.Check the Bluetooth connection between the DIAGNOSIS MODULE and the Auto Link application.

### 2.Make sure your Auto Link application is the latest update. You can check the current version on program version of configuration.

[Notice]

For more information, please refer to the user's guide on the Auto Link application on your smart phone.