

Instruction Manual

Prior to installation and use, thoroughly read the instruction manual. Retain this instruction manual for later reference.



Pursuing the Ultimate in Engine Performance and Efficiency.
 HKS Company Limited.

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Introduction

Thank you for purchasing HKS OB-LINK TYPE-001. OB-LINK TYPE-001 is a device which plugs into to a vehicle OBD II port and transmits vehicle data (Engine Rpm, Water Temperature, Oil Temperature, A/F correction and feedback, Fuel economy, Brake, Steering rudder angle, etc.) by Bluetooth connection.

The information from OB-LINK TYPE-001 can be displayed by installing exclusive application (CarscopePlus, OB-BRIDGE) in Android / iOS device. The OB-LINK TYPE-001 has a logging function. If application (OBLink LogManager) for exclusive use performs a logging setup, log data is saved OB-LINK TYPE-001.

The saved data can be read by OBLink LogManager.

Product Name	OB-LINK TYPE-001
Purpose	Wireless (Bluetooth) Vehicle Data Transmission Device
Product Code	44009-AK002

- This manual indicates items you need to pay attention to in order to install this product safely and lists precautions to avoid any possible damage and/or accidents.
- HKS will not be responsible for any damage caused by incorrect use or use after modification and/or dismantling of this product.

- This product was designed for installation and use on a factory vehicle or a vehicle using other HKS products. The performance and/or safety cannot be guaranteed if this product is installed onto other vehicles than mentioned above.
- This product is applicable for any vehicle that operates on a DC12V negative ground.
- The specifications of this product, including installation are subject to change without prior notice.

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Safety Precautions

Below are symbols used in this manual to highlight areas where.

Warning

-Risk of severe injury or death may result if warning is not acknowledged or followed.

Caution

-Risk of injury to self, damage to vehicle or property may result if caution is not taken.

Warning

- Make sure to work on the vehicle in a well-ventilated area to prevent possible explosion or fire.
Do not mount the unit where it can distract driving.
- Do not install this product on a 24V vehicle. It is designed for use on a 12V vehicle.
- Make sure to hold connectors when removing them to avoid possible damage to other electronic parts caused by disconnections or by a short circuit.
Stop using the product if any unusual conditions are noticed; it may cause a fire or an electrical shock. Consult an authorized dealer immediately.

Caution

- Do not modify, disassemble and/or remodel this product and any of its attached parts.
- Handle the parts with caution at all times.
- Avoid allowing oil and/or water from entering the unit. It may cause damage to the engine.
- Make sure all connections and wiring are not disconnected, short circuited, or incorrect. If so, it may cause an electric shock, burn out, or damage to the vehicle.
- If the product or the vehicle with the product does not perform properly, consult the dealer immediately.

- Daily check-up of the vehicle must be done by the owner.

Parts List

Make sure that all of the parts listed in the Parts List are included in the kit.

1 OB-LINK TYPE-001 Main Unit	2 Splice Loop tape	3 IG signal-Pick-up harness	4 Instruction Manual

Installation

1. Locate OBD II port

Locate the OBD II port plug on the vehicle. Details can be found from the following website address:

<http://www.hks-power.co.jp/en/product/electronics/monitor/ob-link/index.html>



2. Install Application

- ① Installation of "OB-BRIDGE" (for Android)
- ② Installation of "CarscopePlus"
- ③ Installation of "OBLink LogManager"※
 ※ It is required to use the log function of OB-LINK TYPE-001. (June, 2014 release)

Please search the application from a store or download it from the section 1.

3. Bluetooth Setting (Pairing)

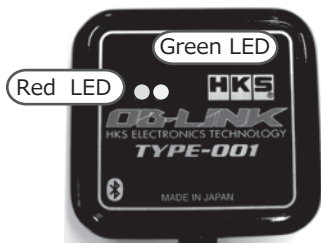
- ① Switch on the Bluetooth of the device to be paired.
- ② Connect the OB-LINK TYPE-001 to the OBD II port found in section 1.
- ③ Please start the engine, or you turn "ON" a key switch.
- ④ Pair the devices using Bluetooth passkey "7181"

4. Application Initial Setup

Launch CarscopePlus and tap setting.

- ① Select Device
Tap device select on setting menu.
Select OB-LINK 001 in the Paired device list.

- ② Select Car type
Tap Car type select on setting menu.
From "OB-LINK car application list" you can download from HKS site, select Car type according to your car OB-LINK TYPE-001 attached. (HKS web address in section 1)
If ① and ② are set correctly, the OB-LINK TYPE-001 LED will illuminate as follows:



Red LED :
Illuminated: Select Device is OK
Flashing: Select Device Error
(Please check pairing settings)

Green LED :
Illuminated: Select Car type is OK
Flashing: Select Car type Error

If the OB-LINK TYPE-001 is connected to the OBD II port and Device setup and vehicle protocol type are not set correctly. OB-LINK TYPE-001 will switch off after 2 minutes. When resetting, please unplug from the OBD II port and restart connection process.

5. The check of IG signal line

To let OB-LINK TYPE-001 reflect OBD meter, connection of IG signal line is required. There are vehicles which have IG signal line in an OBD II coupler. In that case, connection of IG signal wire is unnecessary.

Please check IG signal line by the method of ① or ②.

- ① Check a connection status by the OBD II coupler.
As with the illustration, check whether a terminal has been inserted at the edge of upper right.



Case 1. In the event that the terminal has been inserted, it has the IG signal line.

Case 2. If it's none, it doesn't have the IG signal line.

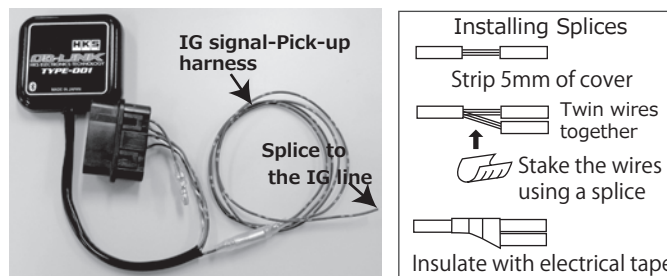
- ② Check a connection status by the application, "CarscopePlus".
Run CarscopePlus and tap it in order of setting, "Check of the IG signal line".

Case 1. If a message "IG signal line is OK" is displayed, it has the ignition signal line.

Case 2. If a message "IG signal line is NG" is displayed, it doesn't have the ignition signal line.

Connect the Ignition signal line if Ignition signal line isn't in the OBD2 coupler. (Refer to Article 6)

6. Connection of IG signal wire



- ① Connect the Red wire of the IG signal-Pick-up harness to the Red wire of the OB-LINK TYPE-001.
② Splice these to the line that outputs 12V while IG is on. (like a power line of a cigar socket)

7. Fixing OB-LINK TYPE-001

Use the included hook and loop tape to secure the OB-LINK TYPE-001 unit in a location which will not obstruct driving.

Operation and Use

- OB-LINK TYPE-001 will automatically switch ON when it detects that the application and engine are started (ECU power ON)
If the engine is stopped (ECU Power OFF), Bluetooth connection is lost or the application is closed, OB-LINK TYPE-001 will automatically switch off.
- If an engine related problem is detected, An Error code is displayed. If you see this please consult an HKS Pro Shop or specialist.

Caution

- Please ensure that OB-LINK TYPE-001 or the wiring does not contact with water.
If OB-LINK TYPE-001 or its wiring contact water, there may be problems with operation and could possible cause damage to OB-LINK TYPE-001 or the vehicle.
- If it is being unused for long periods (over 2 weeks) please disconnect the OB-LINK TYPE-001 as it can lead to battery drain. The current draw during standby is approximately 0.2[mA].

Maintenance

WARNING

- Do not use this product if any unusual noises or scents are detected.
Consult your Authorized HKS Dealer immediately. Otherwise, it may cause electric shock or fire.

Caution

- If work needs to be performed outside the scope of this manual, consult a professional.
- Do not use this product if unusual occurrences should occur. Consult with your dealer immediately.
- If any unusual noise, scents, and/or vibrations are noticed, stop using the product to prevent a fire and/or short circuit.
- Do not try to repair the product yourself. Consult with your dealer.

- Maintenance of this product is necessary for driving safety.

Product Specifications

- Operating Voltage..... DC10~16V
- Operation Temperature..... -20~75°C
- Maximum Electrical Power Consumption..... 1.12W

Revision of Manual

Rev.Number	Date	Details
3-1.01	2014. 4	1st Edition