【OB-LINK TYPE-FA20】

Special OB-LINK exclusively designed for 86/BRZ based on TYPE-001.

PRODUCT LINE UP

TYPE-FA20 functions

Special Functions Available Only for Type-FA20

Coupler-on Device

TYPE-001 requires initial setup, but TYPE-FA20 has preset data. Just connect the unit to the OBD II connector and complete Bluetooth pairing with a smart phone/tablet PC before use.

More Data Extractable

Addition to the data extractable by OB-LINK TYPE-001, the following performance-oriented data can be indicated:

- ・Engine Load
- ・Battery Voltage
- ・Fuel Pressure
- ・CAT Temperature
- ・EGT Sensor
- ・Outside Air Temperature
- ・Left/right G
- ・Front/rear G
- ・Brake (tread)
- ・Yaw rate

Customizable Car Carte Display

The screen image of Car Carte can be changed to the vehicle a user owns.

Carscope FA20 : to indicate the vehicle info. such as meters, logger, etc through OB-LINK.

※**Download Carscope FA20 from App Store (iOS) / Google play (Android).**

※**Carscope FA20 is not compatible with OB-LINK TYPE-001.**

Real-time Meter

Select one from 5 types of meter indication. The warning and peak-hold functions are available.

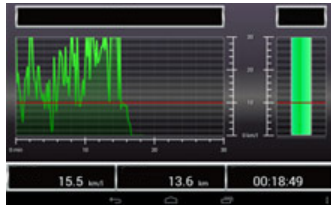| Multi	Dual	Digital

Logger

A new memory function is added to the OB-LINK main unit. Presetting the data items and sampling time stores the date on the memory of the OB- LINK without starting app.
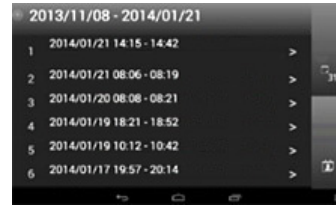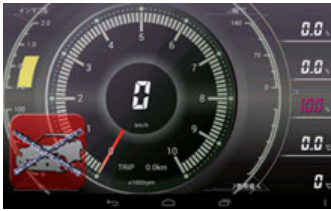
Driving Calendar	Fuel Consumption Record	Record History

Fault Diagnosis

Once fault is found, an engine warning icon appears.

Vehicle Maintenance

Request of parts maintenance and periodical check-up appears.

Engine Warning Icon	Engine Fault Code

Log Manager

Log Manager is the app for HKS OB-LINK TYPE-001 and OB-LINK TYPE-FA20.
OB-LINK TYPE-001 and OB-LINK TYPE-FA20 have the memory function.
Log Manager can preset the logging data, extract the date, etc. using the memory of OB-LINK.
With Log Manager, the vehicle data are automatically logged in the memory of OB-LINK TYPE-001 and OB LINK TYPE-FA20.

When OB-LINK TYPE-001 and OB LINK TYPE-FA20 detects the IG-ON signal, logging automatically begins, and when the IG-OFF signal is detected, logging automatically stops.

Log data includes the following 5 accumulated data and vehicle's date set by Log Manager:
Accumulated Data: Driving distance, Fuel consumption, Maximum water temperature, Maximum oil temperature, and Engine error code.
(Some of these items may not be detected depending on the vehicle.)

※ The time stamp of up to 20 engine error codes can be memorized when detecting error(s).
Log Manager selects the log data and establishes the sampling time interval.

21 items OB-LINK obtains

			Sampling	Memory time
- Speed	- Gear Position	- Calmative driving distance	100 ms	139 min.
- Intake air volume	- Ignition timing	- AF learning value	200 ms	278 min.
- E/G oil temp.	- Acceleration	- Airflow output	500 ms	695 min.
- E/G RPM	- Error code	- Steering angle	1 sec.	23 hours
- Intake air temp.	- AF correction	- O2 sensor	5 sec.	116 hours
- T/M oil temp.	- Intake manifold pressure	- Brake (ON/OFF or tread)	10 sec.	232 hours
- Water temp.				
- Throttle 1/2				

* Data obtained may very depending on a type of the vehicle.

SETTING PROCEDURE

1. Check the IG Signal Line
Check the existence of the IG signal line by either of the following methods.

(1) Check the OBD II Coupler

Check if a terminal is inserted into the upper rightmost insertion port.

Terminal inserted = IG signal exists.
Terminal NOT inserted = IG signal NOT exists.

(2) Check by CarscopePlus or CarscopeFA20

Start CarscopePlus. Tap "Setting", then "Check of the IG signal line."
Either of the following message appears:
" IG signal line is OK" = IG signal line exists.
"Please check the connection with the OB-LINK. The OB-LINK, You can connect from the Meter Views." = IG signal line does not exist.

2. Connect the IG Signal Line

If the IG signal line does not exist on the OBDII coupler, connection of the IG signal line is required.
※To connect the line, it should connect to the IG signal line or ACC signal line.
For details, please refer to "6. Connection of IG Signal wire" of the instruction manual.