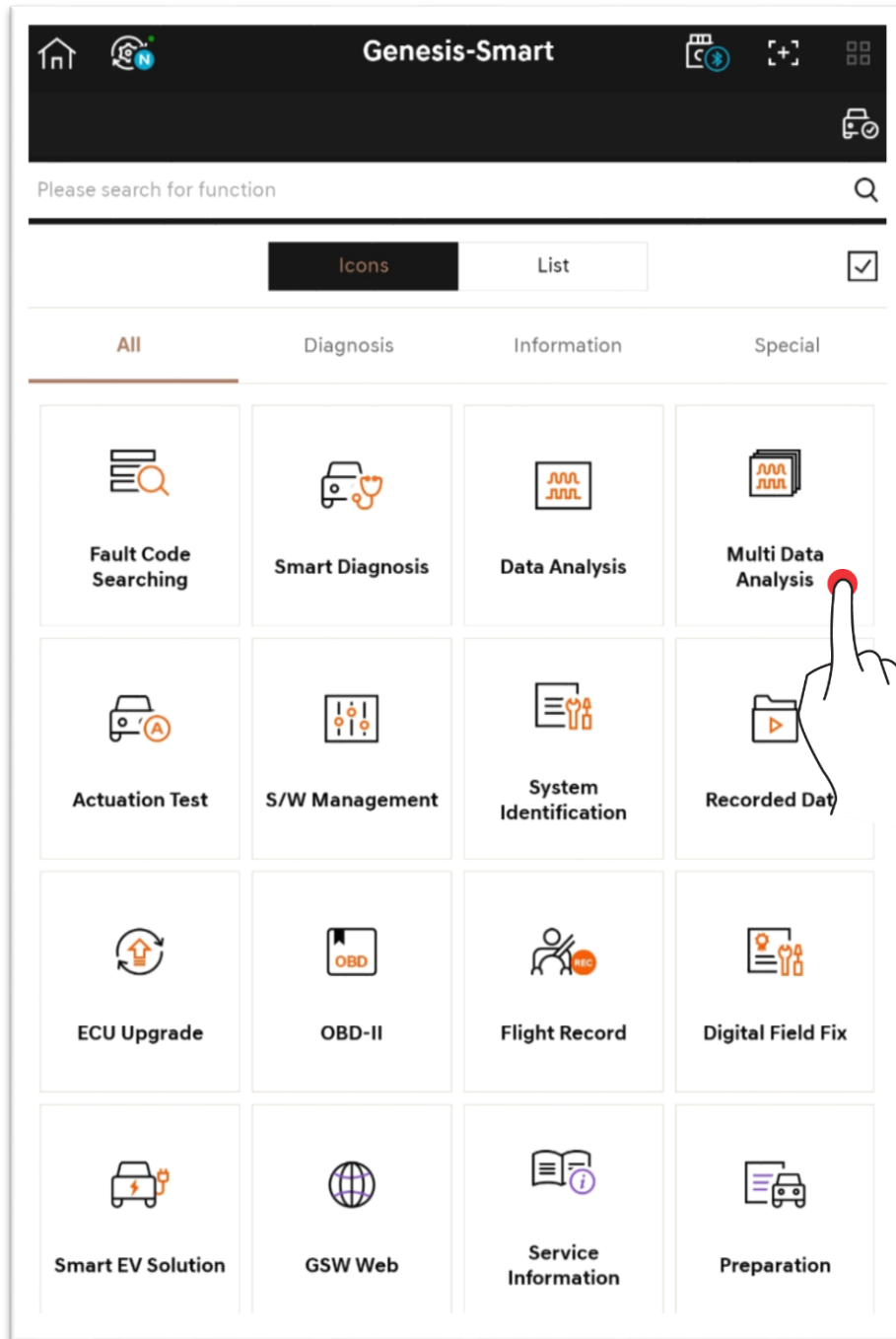# Tool Box – Multi Data Analysis

This function is similar to Sensor Data Diagnosis, which supports the analysis of each sensor item of multiple controllers mounted on the vehicle on a single screen at the same time.

* It only supports modules that support CAN communication protocol.

Sensor Data Item Selection

Select a sensor data item to analyze.

Select items for each system to analyze.

Select the entire items

Window for entering search word

Cancel all items

Spread/fold

	Multi Data Analysis	

Setting Sensor Data

System

ENGINE	AT
Engine Control	Automatic Transaxle

Item Selection

PLEASE ENTER THE SEARCH

System	Sensor Name
ENGINE	1 Immobilizer Built-in
ENGINE	2 SMARTRA2 Built-in
ENGINE	3 SMARTRA3 Built-in
ENGINE	4 SMART Key Built-in
ENGINE	5 Fuel Level Sensor Built-in
ENGINE	6 Fuel Tank Press Sensor Built-in
ENGINE	7 Low Pressure Fuel Pump
ENGINE	8 MAP Sensor Built-in
ENGINE	9 MAF Sensor Built-in
ENGINE	10 Alternator PWM Built-in
ENGINE	11 A/Con Pressure Sensor Built-in

Selected Item

System	Sensor Name

Cancel

Setting Complete

Mode

This section describes the sensor data indicating mode.
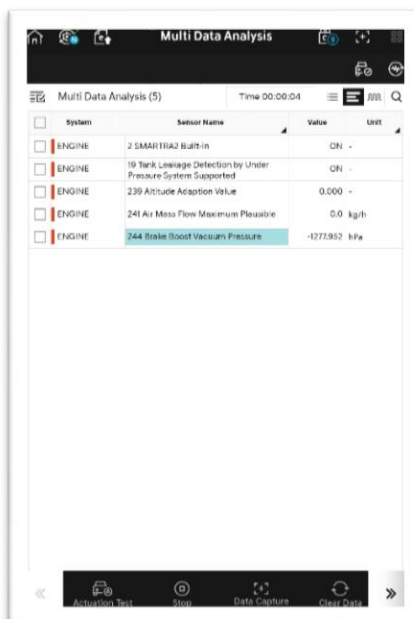
Text Mode ☰

It indicates sensor data in text format.

Bar Graph Mode ☰

It indicates sensor data in bar graph format.

Graph Mode

It indicates the selected sensor data in graph format.
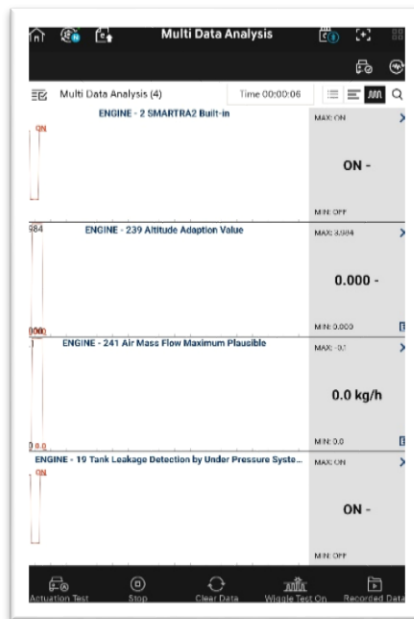
User Group

You can use the User Group function via ⊟☑ button on top left corner of screen.
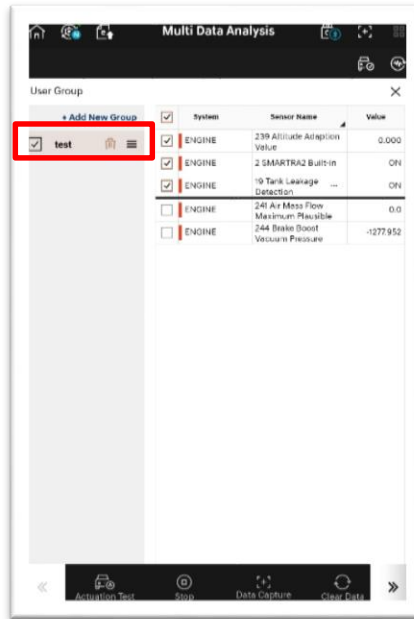
1. After entering User Group function, select sensor data items to be grouped.
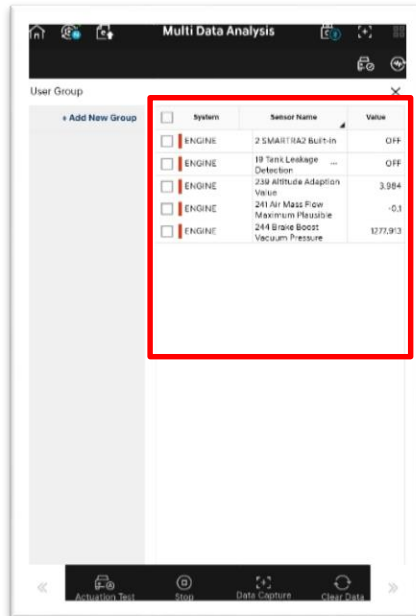
2. Once item selection is completed, create a group via 'Add a New Group'.
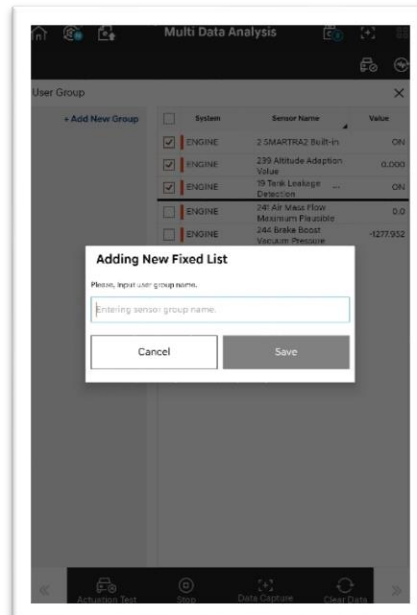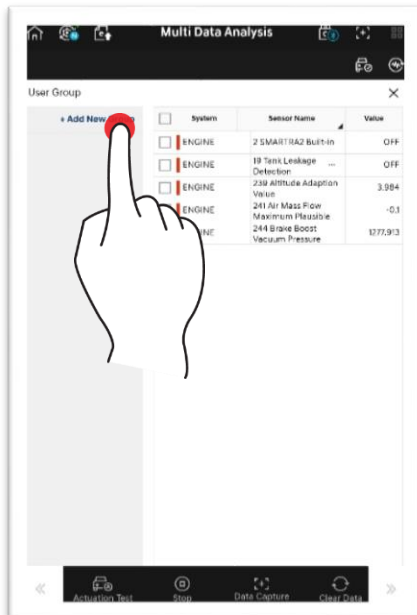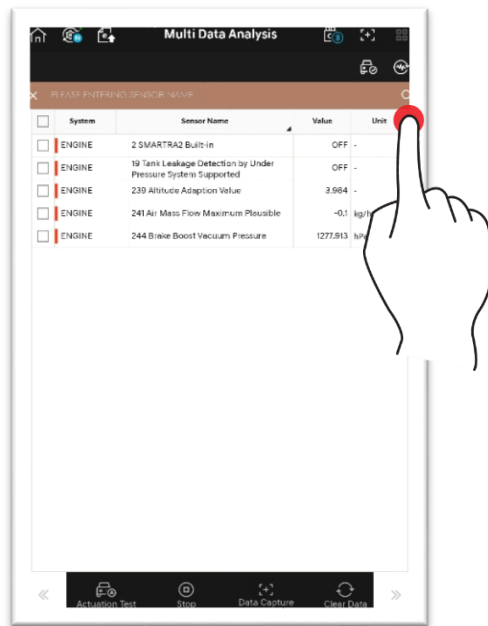
3. Group creation is completed.

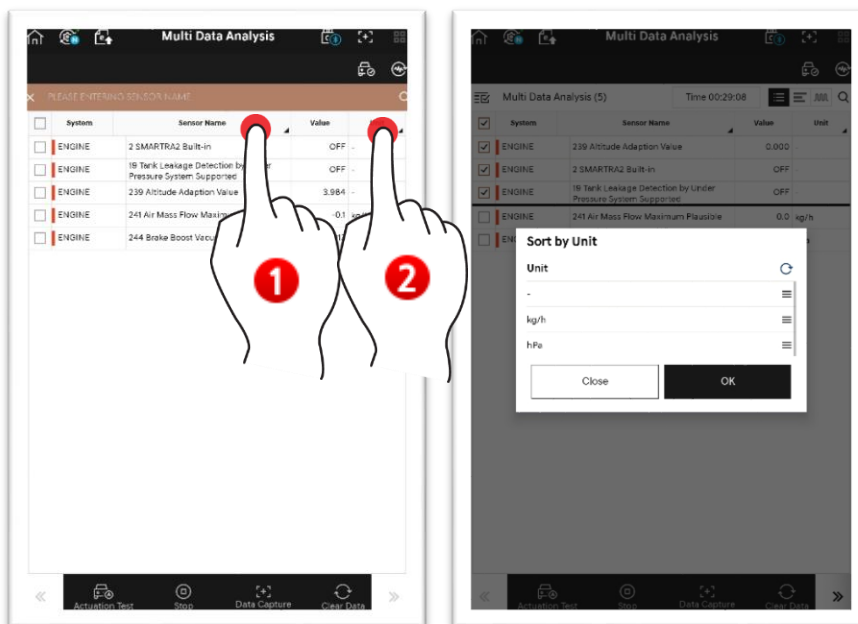|		
💡	🗑	You can delete a created group.
	☰	You can change the group order.

Search

After entering a search word, touch 🔍 , and you can search sensor data.

Arrangement, Unit Change

You can arrange items by touching sensor names, and change the unit by touching unit. Touch ◢ at top right corner of each title.

Bottom Function Buttons

Selective Display	This only shows the sensor values of the sensor data items, which were selected based on needs. The entire sensor data values are shown when Fixed Output function is turned off.
Actuation Test	You can check change in sensor data by forcefully driving the actuator through Control Module. Select a system to perform forced driving.
Clear Data	This initializes the collected sensor data values, and recollects them.
Stop	This function collects sensor data values over a certain period of time, and stops the sensor data values. 'Start' and 'Stop' buttons operate in turn.
Recorded Data	This function analyzes the saved sensor data file. This is linked to Saved Data Analysis function.

Screen Control

1. You can spread or fold the screen by dragging ↕⊐ button upwards or downwards.
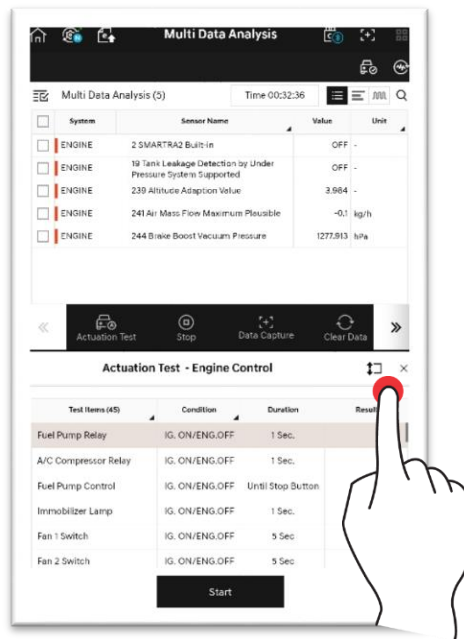
2. You can maximize/minimize the items in Graph Mode.

Zoom in

Zoom out