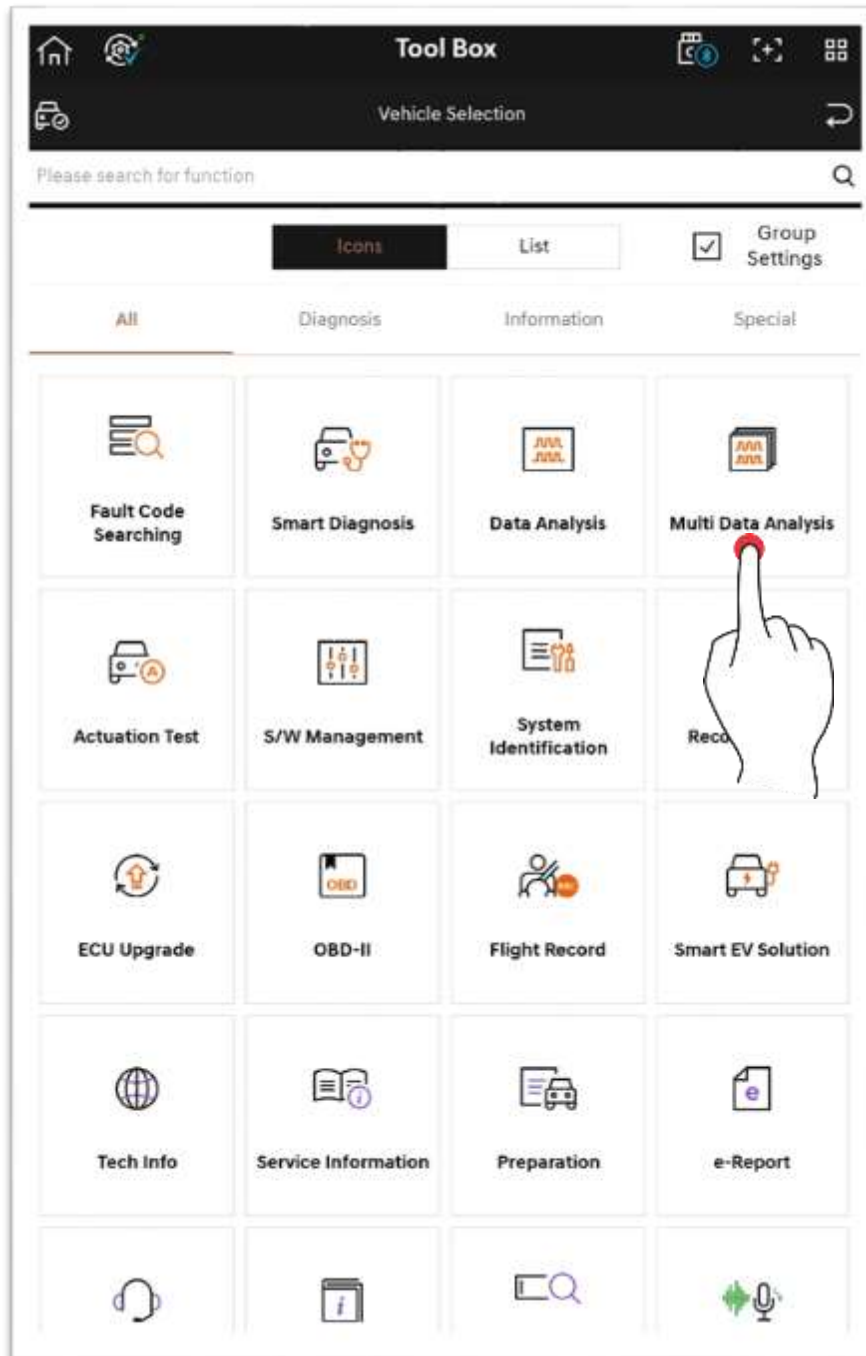


Tool Box – Multi Data Analysis

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 (Engine Control) **AT** (Automatic Transaxle) **4WD** (4WD Control) **AAF** (Active Air Flap) **ESHIFTER** (E-Shifter)

Item Selection ☒

PLEASE ENTER THE SEARCH WORD

System	Sensor Name
ENGINE	9 MAF Sensor Built-in
ENGINE	10 Alternator PWM Built-in
ENGINE	11 A/Con Pressure Sensor Built-in
ENGINE	12 Linear O2 Sensor Built-in
ENGINE	13 ESP Built-in
ENGINE	14 CDA Built-in
ENGINE	15 VVL Built-in
ENGINE	16 Battery Sensor Built-in
ENGINE	17 Adapted Cruise Control Built-in
ENGINE	18 Leak Test ...
ENGINE	19 Tank Leakage ...
ENGINE	Detection by

Selected Item

System	Sensor Name
ENGINE	1 SMARTRA2 Built-in
ENGINE	2 SMARTRA3 Built-in
ENGINE	3 Immobilizer 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

Cancel **Setting Complete**

Mode

This section describes the sensor data indicating mode.

Text Mode

It indicates sensor data in text format.



Sensor	Sensor Name	Value	Unit
00000001	1 (SARTRAG) Built-in	200	-
00000002	2 (SARTRAG) Built-in	200	-
00000003	3 (SARTRAG) Built-in	200	-
00000004	4 (SARTRAG) Built-in	200	-
00000005	5 (SARTRAG) Built-in	200	-
00000006	6 (SARTRAG) Built-in	200	-
00000007	7 (SARTRAG) Built-in	200	-
00000008	8 (SARTRAG) Built-in	200	-

Bar Graph Mode

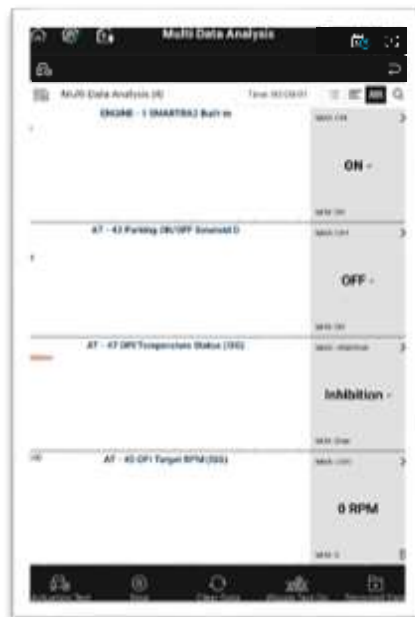
It indicates sensor data in bar graph format.



Sensor	Sensor Name	Value	Unit
00000001	1 (SARTRAG) Built-in	200	-
00000002	2 (SARTRAG) Built-in	200	-
00000003	3 (SARTRAG) Built-in	200	-
00000004	4 (SARTRAG) Built-in	200	-
00000005	5 (SARTRAG) Built-in	200	-
00000006	6 (SARTRAG) Built-in	200	-
00000007	7 (SARTRAG) Built-in	200	-
00000008	8 (SARTRAG) Built-in	200	-

Graph Mode

It indicates the selected sensor data in graph format.



User Group

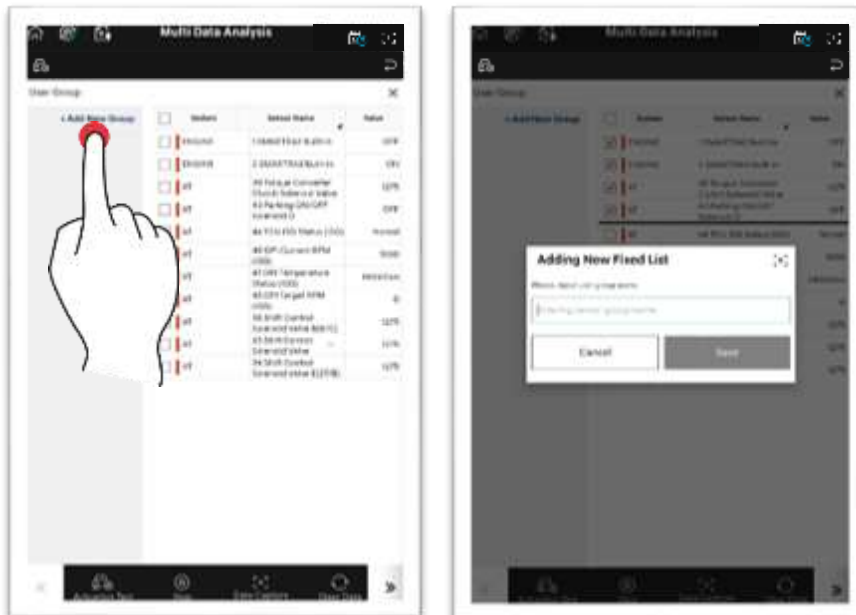
You can use the User Group function via  button on top left corner of screen.



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.

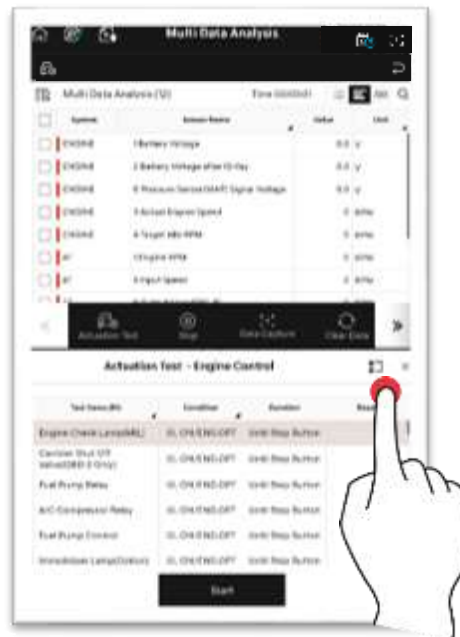


Bottom Function Buttons

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

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.

