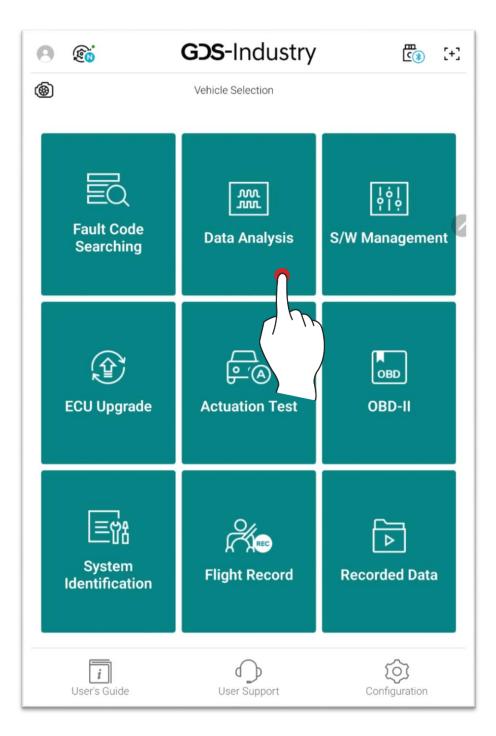


Data Analysis

This function allows various types of control modules mounted on the vehicle to confirm the parameter values, which control the sensor's signal input and movement of actuators, through vehicle communication.



Mode

This is a description of sensor data indicating mode.

Text Mode 📃

This indicates the sensor data in text format.

FORKLIFT(25/2	0D-9V)/2020/D-2.2TCI-R		*
Data Analysis (63)	Time 00:00:02	≔	≡ ////
Sensor Nar	ne v	alue	Unit
Accelerator Pedal Position Sense	r	0	S
Pressure Control Valve(Ral)		0	9
Air Mass per Cylincler		0	mg/hub
Barometric Pressure Sensor		1002	hPa
Ignition Switch		UT_ERR	
Accelerator Padal Position Sense	r 1 Voltage	0.00	v
Accelerator Pedal Position Senso	r-2 Voltage	0.00	v
MIL Status Indicator(MIL by DTC)	-	
GRJ(Glow Relay Unit) Control Un	it	6	%
Fuel Quantity		0	mm3
Battery Vo tage		18.1	v
Elec. Fuel Pump Relay		-	
Boost Pressure Actuator		0	56
Fuel Temperature Sensor		36.82	c
Engine Status	L	UT ERR	
Fuel Pressure Set Point Value		392157	nPa
Output of Fael Metering Unit(MP	ROF)	0	56
Raw Voltage of Exhaust Tempera of the Cicidation Catalyst) (CPF 0		4.98	v

Bar Graph Mode 😑

This indicates the sensor data in bar graph format.



Graph Mode 🔊

This indicates selected sensor data in graph format.

n	E <u>o</u>	Da	ata Analy	sis	C ()	[+]	
۲		FORKLIFT(25/30	(D-9V)/2020	VD 2.2TCI-R		•	-
Ē	Data Analy	sis (5)		Lime 00:00:04	=	=	С
118 B A	rometric Pres	sure Sensor			MAR: 10	2	
					10	02 hPa	a
					NIN:10	2	1
BBat	tery Voltage				MAX 18	1	
					1	8.1 V	
0					NIN: 18.		
10.00F	uel Temperati	ire Sensor			MAX: 58.	82	
					88	.82 'C	
0.00					MIN: 88.	12	
100ut	put of Fuel Me	tering Unit(MPROP	")		MAX: 0		
						0 %	
					NIN C		
00Rav	v Voltage of T	emperature at Upsi	ream of the	DPF	N6431 4 9	8	
					4	.98 V	
00					NIN: 4.9		
- 1	- in	a ticsis —		+ -	taam.	-	-

Graph Mode – Function Buttons

Wiggle Test On / Off

When Wriggle Test function is switched ON, the user can configure a desired data maximum/minimum value, and receive a notification if the sensor value exceeds or falls below the standard value.

	নি 🙆 Data Analysis	(+) BB	
	ECREDIE: (25/300 99)/2025/0 2 21 CER	€ ⊋	
	EE: Data Anayols (5) Innecoco Il Barometric Pressure Sensor	1002 hPa	
	LEBattery Voltage_	MPC 1602	
	0 0.00Fuel Temperature Sensor	42 MIN: 18.1	Configure the value by dragging
	0.00	88.82 'C	the cursor.
	COutput of Fuel Metering Unit(MPROP)	0 %	
If it is set as muted or low	00 Raw Voltage of Temperature at Upstream of the DPF	MIN 0 MIX 2 00 MIX 2 00 4.98 V	
volume, the alarm sound may	09 	1.90 V Min. 450 () 2000 —	
not be heard.	Clear Data What's Test Off Hold Ra	Inco On Recorded Data	

Wiggle Test On – Hole Range On

If Hold Range is switched ON, it only shows the sensor values that exceed or fall below the standard value.

înî	æ.	Data	Analysis	0	(+)	80
۲		FORKLIPT(25/30D-9V)/2020/D 2 2TC -R		•	Ŧ
≣⊡:	Data Analys	es (5)	Time 00:00:21	=	. wu	Q
02Ber	rometric Press	ure Sensor	1062.0	MAS: 100	2	1
				100	2 hPa	•
12			942.0	MINE 1002		(
1.0Bat	tery Voltage		19.3	MAX: 18.1		
n inija				18	8.1 V	
.3			17.0	MN 187		
71Fu	el Temperature	Sensor	94.2	MAX 88.8	2	3
				88	.82 'C	
194			11.5	MIN: 88.3	£	
Jutput	t of Fuel Meter	ing Unit(MPROP)	0.0	M288; C		2
					0 %	
			0.0	MIREO		
48Raw	v Voltage of Te	mperature at Upstream	of the DPF	MAX: 4.98		
				4.	98 V	
48			4.7	MIN: 4.96		
_	Tim	500 -	+	Zoom	-	-

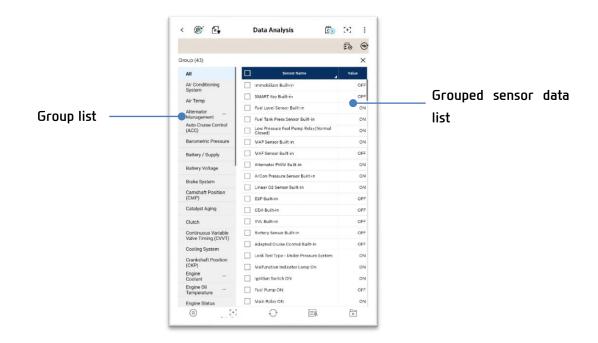
Group/User Group

Through $\overline{\Xi \square}$ button on the top-left corner, the user can use Group/User Group function.

D	FORKLIFT(25/30D 9V)/20	20/0.2.2.1CLR			ð	۲		FORKLIFT(25/30D-9V)	/2020/D 2.2TCI-R		*
E	Data Analysis (63)	Time 00:00:0	5 🔳	=	Q	ΞE	Data Analy	sis (63)	Lime 00:00:0	io 🔳	E 10
r	(C) Sensor Name		Value	Unit		Gro	up (0)	Ser or Name		Value	U
	Position Sensor		0	5		Use	r Graup	Pasition Sensor		0	ň,
	alve(Rail)		0	5				alve(Ra		0	ž,
	Peper Cylinder		0	nig/hub	-		Air Mass per (Cylinder		0	ng/hu
	ure Sensor		1002	hPa			Barometric Pr	ressure Sensor		1002	hPa
			LUT.ERR				Ignit on Switch	ħ		LUT_ERR	-
	Instition Sensor-1 Voltage	2	0.00	v	1		Appelerator Pe	edal Position Sensor 1 Volt	nge	0.00	V
	Position Sensor-2 Voltage		0.00	v			Accelerator P	edal Position Sensor-2 Volt	sçe	0.00	v
	cator(MIL by DTC)		-				MIL Statue Inc	cicator(MIL by DTC)			
)	ay Unit.) Control Unit		e	c ₆			GRU(Glow Re	ay Unit) Control Unit		ő	36
_	FUELwein		0	mm3			Fuel Quartity			0	mm3
	Battery Voltage		18.1	v			Eastery Voltag	ge		18.1	V
	Eleo. Fuel Pump Relay						Elec. Fuel Pur	mp Relay		-	
	Boost Pressure Actuator		0	5			Boost Pressue	re Actuator		0	T.
	Fuel Temperature Sensor		88.82	С			Fuel Tempera	ture Sensor		98.92	С
	Engine Status		LUT_ERR				Engine Status			LUT_ERR	
	Fuel Pressure Set Point Value		392157	hPa			Fuel Pressure	Set Point Value		\$92157	hPa
	Output of Fael Metering Unit(MPROP)		0	5				I Metering Unit(MPROP)		0	π,
	Raw Voltage of Exhaust Temperature Senso of the Oxidation Catalyst) (OPE OPT)	z 1(Jpstream	4.98	v			Row Voltage of the Oxidatio	of Exhous: Temperature Se on Catelyst) (OPF OPT)	nsor 1(Upstream	4.98	V

Group

It forms a group of sensor data items to express only relevant data.



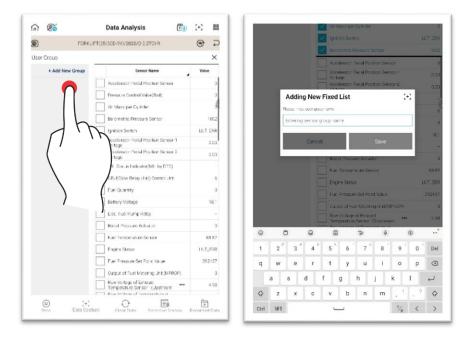
User Group

The user can form or edit groups of desired sensor data items.

1. In User Group screen, select the sensor data items to be grouped.

8			6		0.
B) FOR	KLIFT(25/30D-9V)/2020/D 2.2TCI-R	⊕ ⊋	D FOR	KLIFT(25/30D-9V)/2020/D 2.2TCI-R	•
Jser Group		X	User Group		>
+ Add New Group	Sensor Name	Value	+ Add New Group	Sensor Name	Value
	Accelerator Pedal Post lice Screen	0		Pressa, to Control Valve(Rail)	
	Pressure Control Valve(Bail)	0		Air Mans per Cylinder	
	Air Mass per Cy inder	8		Ignition Switch	LUT_ER
	Berometric Pressure Sensor	1002		Batometric Pressure Sensor	100
	Ignition Switch	UUT CRR		Accelerator Pedal Position Schoor	-
	Accelerator Pedal Position Sensor 1 Voitage	3.00		Accelerator Pedal Position Sensor-1 Veitage	0.0
	Accelerator Pedal Position Sensor 2 Voltage	3.00		Accelerator Festal Position Sensor 2 Voitage	2.1
	MIL Status Indicator(MIL by DTC)			MIL Status Indicator(MIL by D10)	
	GRJ(Glow Relay Unit) Control Jrit	6		GRU(Glow Relay Unit) Control Unit	
	Fuel Quantity	0		Fuel Quantity	
	Bottery Voltage	18.1		Bottery Voltage	18
	Elec. Fuel Pump Relay			Elec. Fuel Pump Relay	
	Booal Prossaw Actou.or	0		Boost Pressure Actuator	
	Fuel Temperature Sensor	88.87		Fuel Tereperature Sensor	68.8
	Engine Status	LUT_FOR		Finglina Status	LUT_FR
	Fuel Pressure Set Point Value	392167		Fuel Pressure Set Point Value	39216
	Output of Fuel Metering Unit (MPROP)	0		Output of Fuel Metering Unit(MPROP)	
	Row Voltage of Echaus:	4.08		Rew Voltage of Exhaust Temperature Sensor * (Upstream	4.0
(i)	Bias the times of Teamsendions at	Ð	© (+		F

2. Once selection of items is made, form a group through 'Add a New Group'.



3. The group formation is completed.



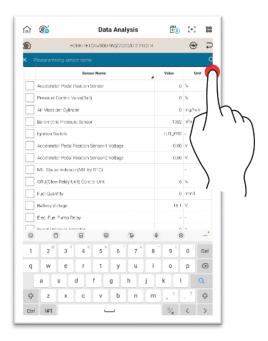


You can delete the formed group.

You can change the group order.

Search

You can search the sensor data by entering a search word and touching ${f Q}$.



Arrangement and Unit Change

You can arrange the items by touching the sensor name, and change the unit by touching unit.

Touch 🖌 located at the bottom right corner of each title.



Bottom Function Buttons

© 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.
[+] Data Capture	This captures the sensor data screen.
Clear Data	This initializes the collected sensor data values, and recollects them.
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.
Recorded Data	This function analyzes the saved sensor data file. This is linked to Saved Data Analysis function.