



INSTRUCTION



● Thanks for purchasing our KOSO Fuel meter. Please read carefully the instruction sheet and retain it for future reference.

⚠ ATTENTION!

1. This meter work for DC 12V applications only.
2. For proper installation, please follow the steps described in the instruction. Any damages caused by wrong installation shall be imputed to the users.
3. To avoid short circuit, do not break or modify the wire terminals.
4. Do not disassemble or change any parts.
5. Opening the instrument will void any warranty. Maintenance or repair should be executed by our professionals.

MARK MEANING

- ⚠ Some procedures must be followed to avoid damages to the instrument.
- ⚠ **WARNING!** Some procedures must be followed to avoid damages to yourself or others.
- ⚠ **CAUTION!** Some procedures must be followed to avoid damages to the vehicle.
- 📖 **READ CAREFULLY!** If any direction in the instruction sheet are still unclear. Please seek for professional assistance.

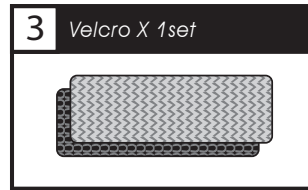
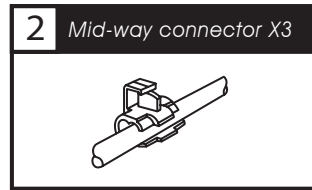
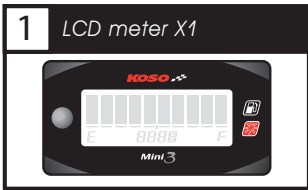


PRESS THE
BUTTON
ONCE



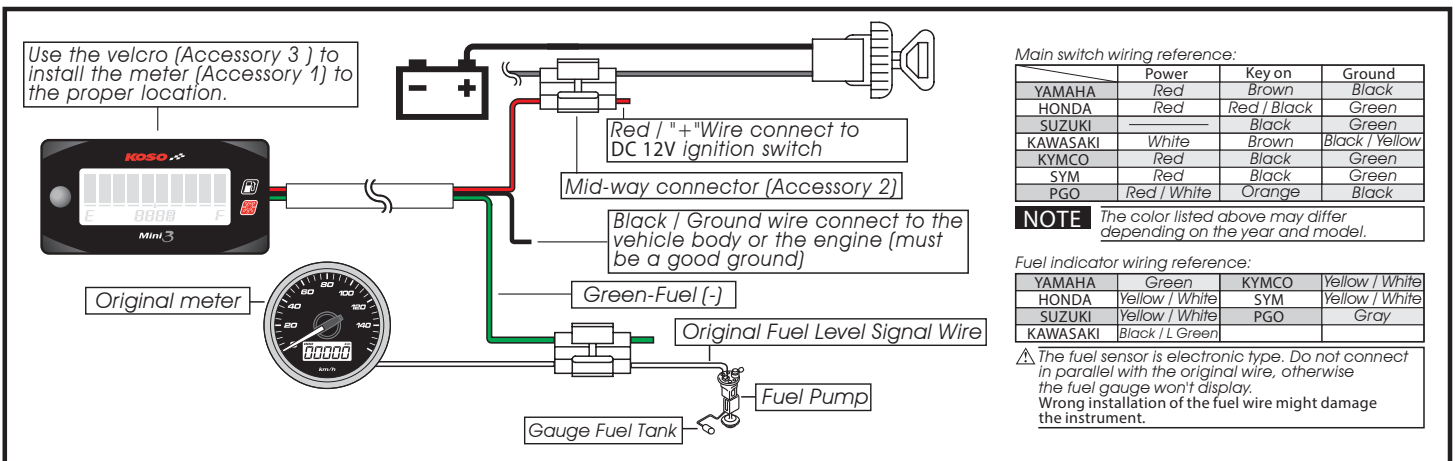
PRESS THE
BUTTON FOR
3 SECONDS

1 ACCESSORIES

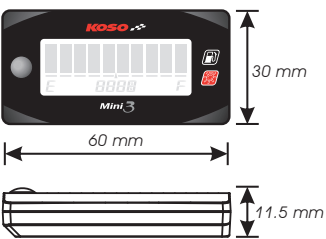


NOTE Please contact your local distributor if the items received are not the same as the one listed above.

2 WIRING INSTALLATION INSTRUCTIONS



3 BASIC FUNCTION INSTRUCTION



- Fuel level Display range: 10 levels
- Digital fuel meter Display unit: Each level represent 10%
- Fuel gauge resistance setting Display range: 0~100%
- Fuel warning setting Display unit: 1%
- Fuel gauge resistance setting Setting range: 100Ω, 180Ω, 250Ω, 270Ω, 510Ω, 700Ω, 1200Ω, user
- Fuel warning setting Setting range: 0~25%
- Effective voltage Setting unit: 1%
- Effective temperature range DC 12V
- Meter standard -10~60°C
- Meter size (W X L X H) JIS D 0203 S2
- Meter weight W60 X L30 X H11.5 mm
- Meter weight Around 22g

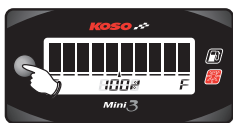
NOTE Design and specifications are subject to change without notice!

4 FUEL METER SETTING INSTRUCTION

3-2-1 Fuel gauge resistance setting



- In main screen, Hold the button for 3 seconds to enter the setting screen.



- EX. The fuel gauge need to be set at 510Ω.
- Press the button to change the setting.



NOTE The fuel gauge resistance setting range: 100Ω, 180Ω, 250Ω, 270Ω, 510Ω, 700Ω, 1200Ω, USER.
USER MODE means entering into the fuel level learning setting (refer to 3-2-3)



- Hold the button for 3 seconds to enter the fuel warning setting screen.
- EX. The setting is changed from 100Ω to 510Ω.

3-2-2 The fuel warning setting



- EX. We want to set the fuel warning at 20%.
- Press the button to change the setting.



NOTE Setting range: 0%~25%
Setting unit: 1%



- Hold the button for 3 seconds to go back to the main screen.
- EX. The fuel warning is changed from 25% to 20%.

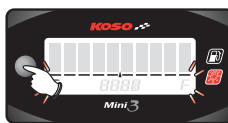


- Back to main screen.

3-2-3 Fuel learning setting



- Into setting screen, press the button to choose USER.
- Hold the button for 3 seconds to enter the empty fuel setting screen.



- EX. Learning empty fuel.
- Make sure the fuel quantity in the tank is at the level you want.
- Press the button once to confirm the setting.



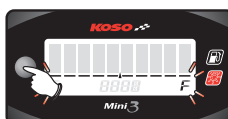
※If the LCD shows dERR, it means the setting is done.



※When the LCD shows ERR, it means there is something wrong. Please check if the connection is correct or if the fuel resistance value is over the setting range.



- Hold the button for 3 seconds to enter the full fuel setting screen.



- EX. Learning full fuel.
- Make sure the fuel amount in the tank is at the full level position
- Press the button once to confirm the setting.



※If the LCD shows dERR, it means the setting is done.



※When the LCD shows ERR, it means there is something wrong. Please check if the connection is correct or the fuel resistance value is over the setting range.

5 FUEL GAUGE RESISTANCE REFERENCE

YAMAHA	JOG 50,100	100Ω
	RS 100	100Ω
	RSZ 100	100Ω
	SV MAX 125	100Ω
	Cygnus 125	100Ω
	New Cygnus 125	100Ω
	GTR 125	100Ω
	LC 135	100Ω
	NEW LC 135	100Ω
	LAGENDA 110	100Ω
	S-MAX 150	100Ω
	T-MAX 530	100Ω
	MIO 110	100Ω
	AEROX 50	100Ω
	BWS 125	100Ω
	HONDA	MSX 125
WAVE 110		510Ω
GN5 110		510Ω
SH-150i		510Ω
PCX 125		100Ω
CBR 250		180Ω
GILERA	RUNNER 50	100Ω
PEUGEOT	SpeedFight 50	100Ω
APRILIA	SR 50	100Ω
SUZUKI	V125	100Ω

KYMCO	GOING 100	510Ω
	JR 100	510Ω
	SR G4 125	510Ω
	V-LINK GP 125	510Ω
	KTR 150	100Ω
	RACING 125,150	1200Ω
	QUANNON 150	1200Ω
	G5 125,150	1200Ω
	G6 150	100Ω
	VJR 50, 110	1200Ω
SYM	S-PRO 100	100Ω
	Wolf 125	100Ω
PGO	G-MAX 125	100Ω
	X-HOT 125,150	100Ω
	I'ME 125	100Ω
	J BUBU 115	700Ω
	AF 125,150	700Ω
	G-MAX 150	700Ω
AEON	Elite 250	100Ω
	CO-IN 125	100Ω
	MY 125,150	100Ω
Hartford	OZ 125,150	100Ω
	Mini 125	100Ω
	HD 150	100Ω

6 TROUBLE SHOOTING

The following situation do not necessarily indicate a malfunction of the meter. Please check the following points before taking it for repair.

TROUBLE	CHECK ITEM
The meter doesn't work when the power is on.	<ul style="list-style-type: none"> ● There is no power supplied to the meter. →Make sure the wiring harness is connected properly. Check if the fuse is not broken. →The battery is too low or too old to supply enough power to the meter.
Fuel gauge doesn't appear or appear improperly	<ul style="list-style-type: none"> ● Check your fuel tank. →Is there enough fuel in the tank? ● Check the wiring harness. →Is the wires connected correctly? ● Check the setting. →Refer to the point 3-2-1 in the instruction.

※If still the problem still can't be solve according to the steps above, please contact your local distributor for assistance.