Super Multi TFT Meter Instruction manual

Adaptation model For motorcycle with DC12V battery

Thank you very much for purchasing our products.

Thank you so you will comply with the following matters at the time of use Before installation, please check your always kit contents. If there is a point of notice event, Please contact us the dealer of purchase.

◎ If the description, such as photos or Illustration different with this part.

- ☆ Please read carefully before use ☆
- ◎ The use ignoring the instructions that are written in the manual, if the accident or damage has occurred, we can not assume any responsibility for compensation.
- ◎ This product installation and use, when a problem occurs to after market goods, guarantee other than this product, also can not assume any in any such matters.
- ◎ If it was the case or mounting that has been processed like a product, it will not be covered under warranty.
- ◎ It is not possible to inquire of the combination of other manufacturers.
- ◎ Product may have edges or protrusions. Be sure to wear working gloves.
- (Please wear work gloves when working, even if a photo in this article show without work gloves.) ◎ This product is a general-purpose product for motorcycles with DC12V batteries
- (But not compatible with all DC12V batteries sold (may have some exceptions)
- Depending on the model, you may not be able to use the all or any meter functions. © Do not use gasoline or thinner (or any solvent)cleaning this product. There is a risk of deterioration of rubber and plastic parts. ◎ If you have any questions, please contact your local Takegawa dealer.
- ◎ Place the separate unit in a position where the speedometer cable will work properly.
- © Please use stock spark plug caps, cable, and ignition coils, or SP Takegawa products.
- ◎ Please use a register type spark plug.
- © External battery-less kits cannot be used.
- ◎ Do not combine to use any ignition, electric related products other than SP Takegawa made products.
- ◎ Do not use LED, H. I. D. headlights or fog lamps kit made by other than our companies at the same time. Some ballast/inverter(voltage converter) generates high-voltage noise that adversely affects the digital circuit, resulting in product failure or malfunction. ◎ Product and programs are subject to change and improvement without notice.
- Even with the same product number, the operation and screen may slightly differ depending on the production time.

◎ When using this fuel gauge, please make sure that the fuel tank is empty (and as the meter shows empty).

- Caution: If the meter shows remaining but actually out of gas, there is a risk that the vehicle will stop due to out of gas.
- Strong impact, may be damaged internal parts or body.
- ◎ This product is not a full waterproof.

Caution: It has a rain-proof, can be used in the normal rain condition, but it is not fully waterproof (Do not get it in the water). If water gets into the unit, please stop using it immediately.

- Also, when the humidity is high or outside temperature changed, the main unit may absorb moisture and cause fogging on the inside of the nanel
- ◎ Please be careful not to leave it in the hot sun. Please cover it if you leave your bike outdoors for a long time.

If left for a long time under harsh conditions such as in the hot sun, there is a risk of deterioration or deformation of body and rubber parts.

- [Prohibition of riding with headlights off. / Converted street to Racing motorcycle with safety light parts removed.] Running without headlights, the unused power will increase the voltage. When you continue to run in this condition, the battery may
- deteriorate due to overcharging or the genuine regulator may malfunction due to excessive strain.
- In motorcycle with modified engines that run at higher engine speeds than stock, the negative effects will be stronger.
- If your headlights burn out, stop riding immediately, *if you need to continue riding, switch headlight to high beam
- (adjust the optical axis) and run at as low a speed as possible.
- Removing all safety equipment to be as a racing motorcycle (from street motorcycle) requires specialized knowledge and replacement or additional parts.
- ◎ This product is for DC12V, Do not use it with AC12V power supply.
- (Caution: SP Takegawa mini regulator can NOT be used with this products.)
- ◎When replacing the gear sprocket or changing the speed display setting on the meter, error codes such as ABS may not be erased.
- ◎ The high beam indicator cannot be used on motorcycles that headlights are used with negative voltage.
- ◎ Modern models may detect an ABS error code if the speed is displayed directly from the metal speed sensor.

∼ feature ~

- O This multimeter is equipped with many functions such as speed, engine speed, gear position, oil/water temperature gauge, fuel gauge, time, voltage, tire outer diameter correction, power test function, etc.
- Highly visible pointer-type tachometer and digital display with TFT LCD.
- The meter unit comes with a small JIS cable type speed sensor and H1 bracket set.
- O The H1 bracket set for the general-purpose.
- O All meter operations and function can be done with the included external switch.

Note: setting the gear position

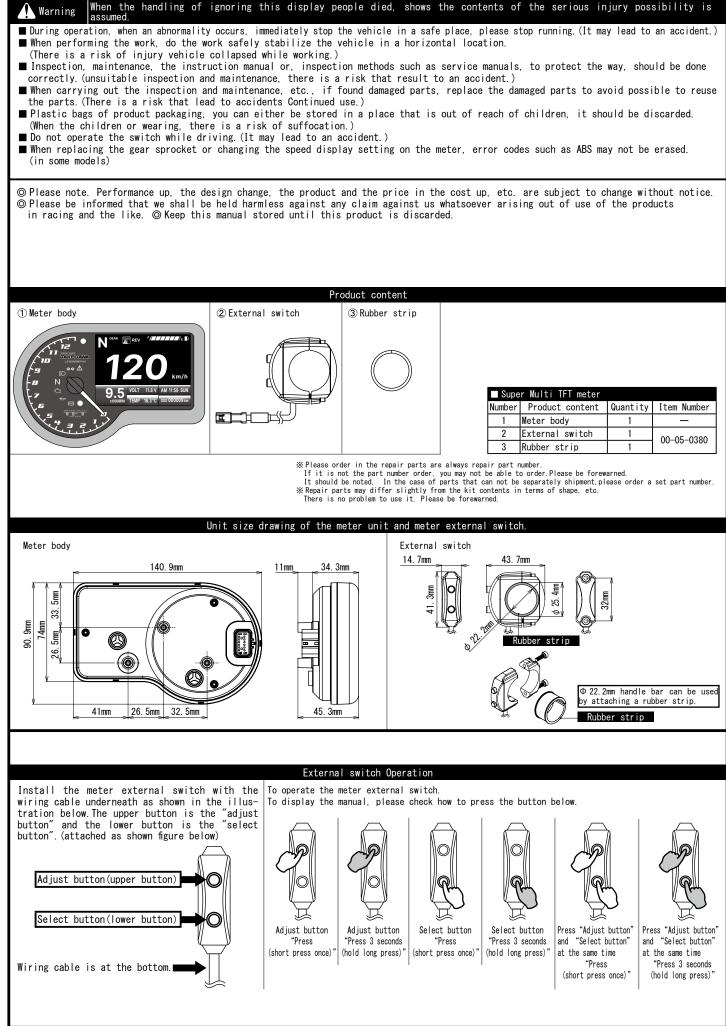
To set the gear position, both the speed signal and the engine speed signal must be input to the Super Multi DN meter. Therefore, it is require to learn gear display by chassis dynamo, free roller or actual driving. We recommend learning gear display by chassis dynamo or free rollers for safety reasons. Do not learn gear display on driving in the city because there are many traffic lights and traffic in the city. When performing in actual driving, select a safe place with good visibility and check the surroundings.

Caution When the handling of ignoring this display, property damage and human shows the assumption of what injury.

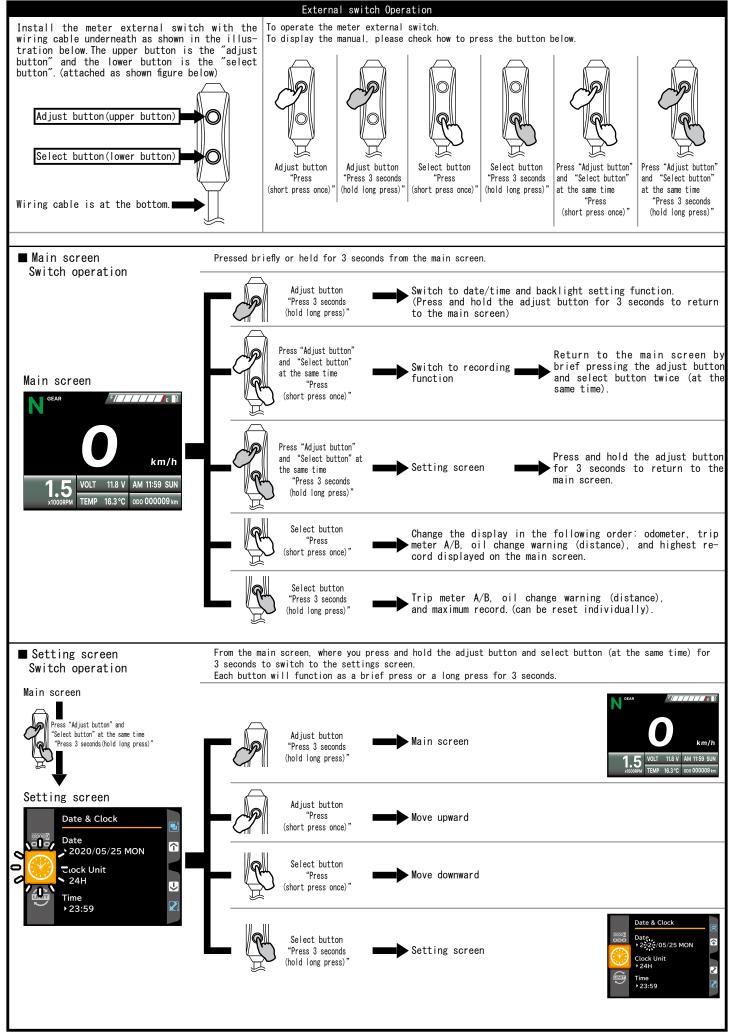
When performing the work, etc., be sure during the cold (when the engine and the muffler is cold). (It may cause burns.) ■ When performing the work, it should be made to prepare the tools for the job. (Breakage of parts, it may cause injury.)

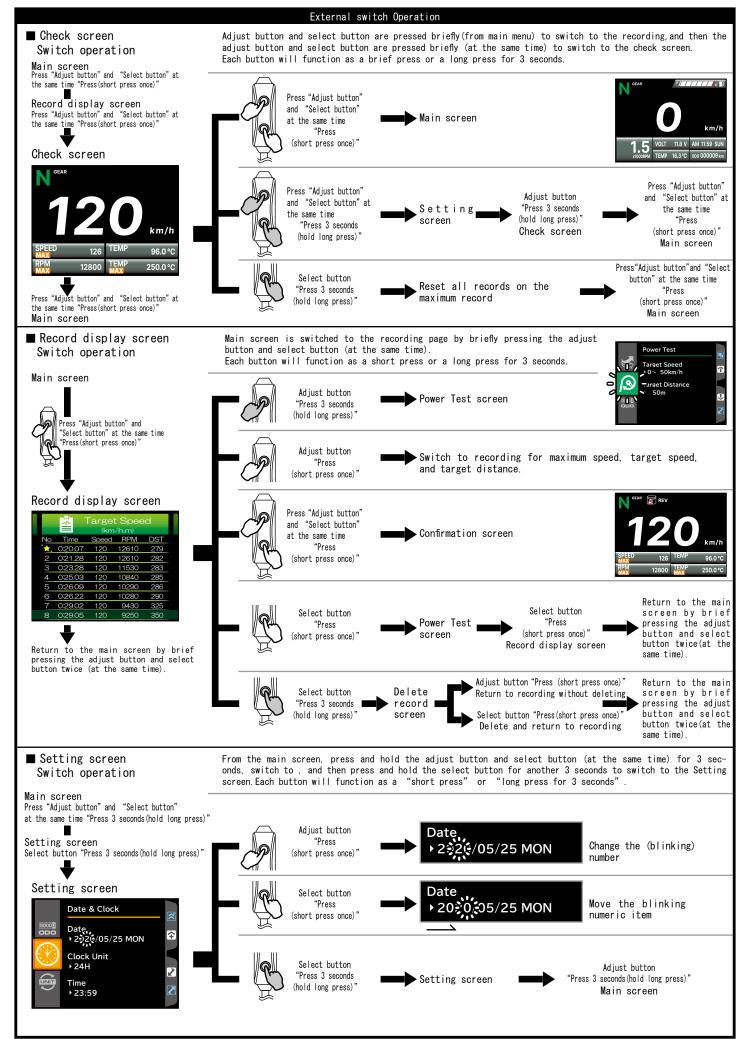
- Do the work must always specified torque using a torque wrench. (Damage of bolts and nuts, and cause of dropout.)
- The product and the frame, might have edges or protrusions. When working, please wear work gloves to protect your hands. (It may cause injury.)
- Be sure to each part inspection before operation, check the loosening of the threaded portion, be sure to securely tighten the specified torque if there is loose. (It may cause detachment of the parts.)

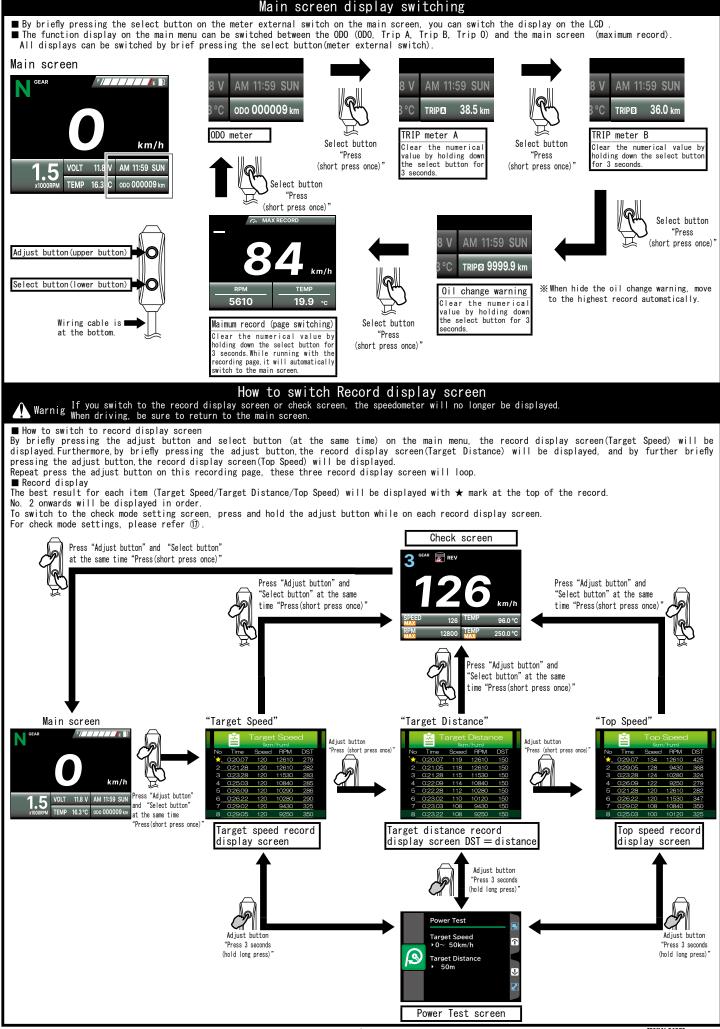


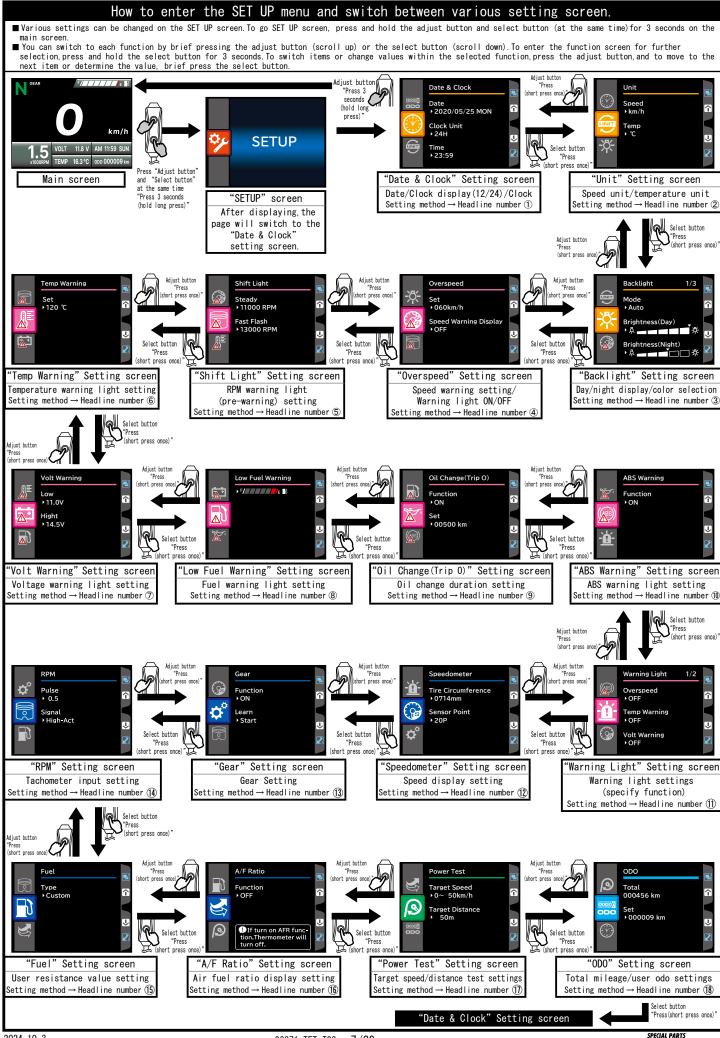


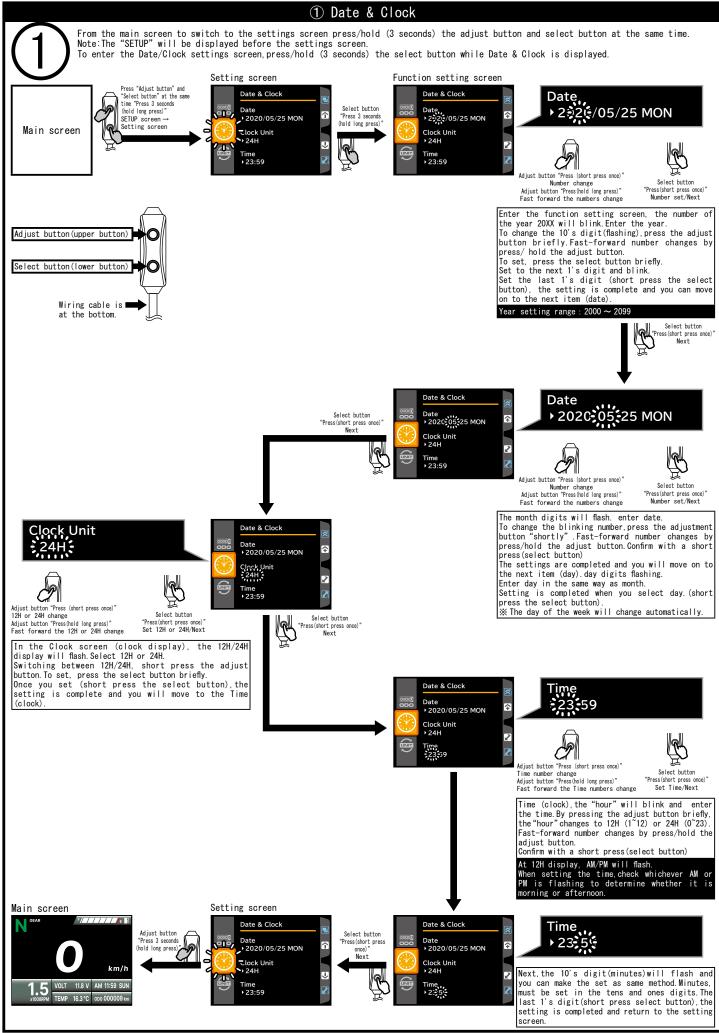
	0ve	erview/Features/Setting me	ethod Heading numbe	er.	
Various function displ positions.		ear position	■ REV Indi		
■ Analog Tachometer -			VOLT 11.8 V AM 11:59 TEMP 16.3 °C 000 0000	n/h SUN 09 km 09 km	el gauge eed meter gital Tachometer d meter ip meter A, B intenance distance ock ltmeter gine Temp gauge r-fuel ratio meter
■ List of various fu			nber		
Speed meter	Tir Max war	rning light	Setting range:30 ~ Setting unit:1km/h	• 360km/h	Headline number ④
	ometer RPN	edle type display:0~130 M warning light	指針 setting Digital sett Setting unit	: range:1000 ~ 13000rpm ting range:1000 ~ 2000 t:100rpm	
		ghest RPM record nition settings		ge:0 ~ 20000rpm ge:0.5•1 ~ 24 :Hi Act•Lo Act	Headline number 🚯
odo 000009 km Odd in	neter (Re Tot	splay range:0 ~ 999999km eturns to 0 when the rang tal distance•Trip meter	e is exceeded) setting (user)	Headline number 🔞	
тярд 9999.9 km тярв 9999.9 km 		splay range:0 ~ 9999.9km eturns to 0 when the rang		M Setting page → P6	
TRIPO 9999.9 km 0 i l o	hange warning	tting range:500 ~ 16000km intenance distance (notifi	-	Headline number (9)	
GEAR Gear	position All Gea	l gear indicator,OFF ar transmission registrat	ion function using	automatic learning mo	Headline number (13)
₽// / / / / // ∎ ■ } Fuel	gauge :10 Use	splay unit:6 steps el sensor resistance valu DO Ω • 25O Ω • 27O Ω • 39O er resistance value setti w fuel level warning ligh	<u>Ω • 510 Ω • 1200 Ω</u> ng Resistance valu	e range : 0 ~ 1500 Ω	Headline number (5) Headline number (8)
Back Day/N AUTO	igitt	Night mode Set	ng range:1/5(Dark) ting range:1/5(Dark White, Red, Orange,		Headline number ③
VOLT 11.8 V Voltm	neter	splay range:8 ~ 18V Itage warning light Setti	ng range:8~18V	Setting unit:0.1V Head	ine number 7
TEMP 16.3°C Temp	gauge Ten	splay range∶0 ~ 250°C mperature warning light ghest temperature record	(* sensor drain bolt/ Setting range:60 ~	250° C	Headline number 6
AM 11:59 SUN Day o	Display of the week :12/24			dicator lamp M warning light(Red li	ight)
A/F 12.1 Air-t	Fuel ratio Display 12.1~	- Headline number (1		rning light(Red light) rn lamp(Green light)	
Target Speed Targe	et speed record (Re	cord display)		gh beam lamp(Blue ligh	
	et distance record speed record (Recor		Ne	utral lamp(Green light	t) N
Meter unit size 140). 9mm X 90. 9mm X 45. 3mm]		gine warning light(Ye	
Meter unit weight 188 Operating voltage DC1	-	4		I check lamp(Red light	
	$\sim +60^{\circ} \text{ C}$	1	AB	S lamp(Yellow light)	(66)

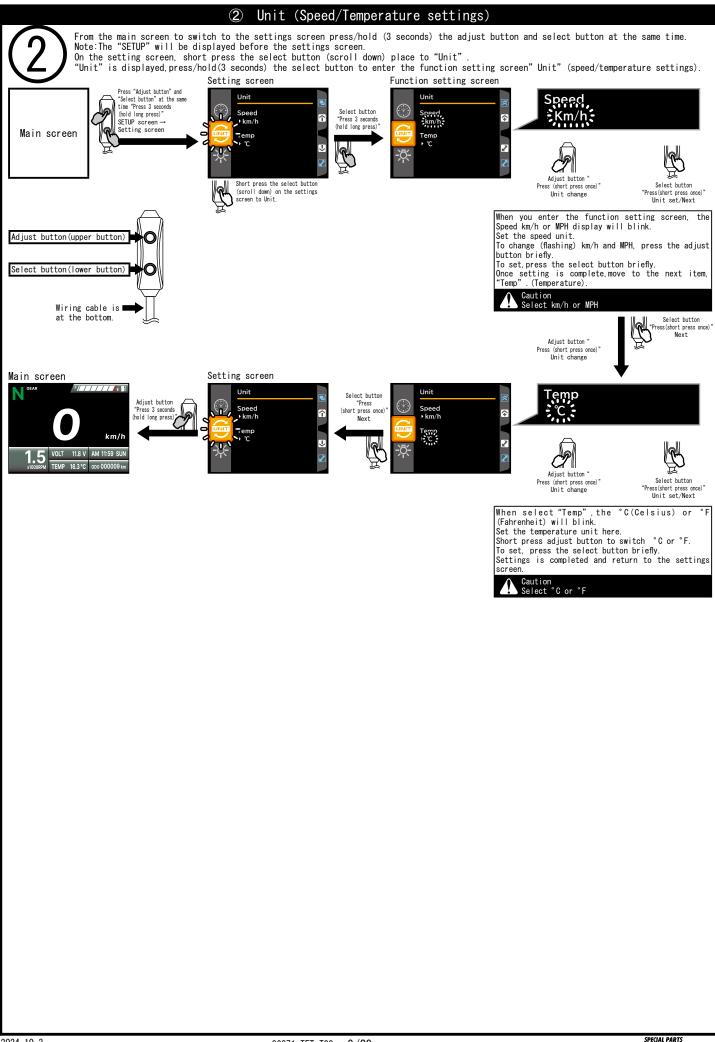


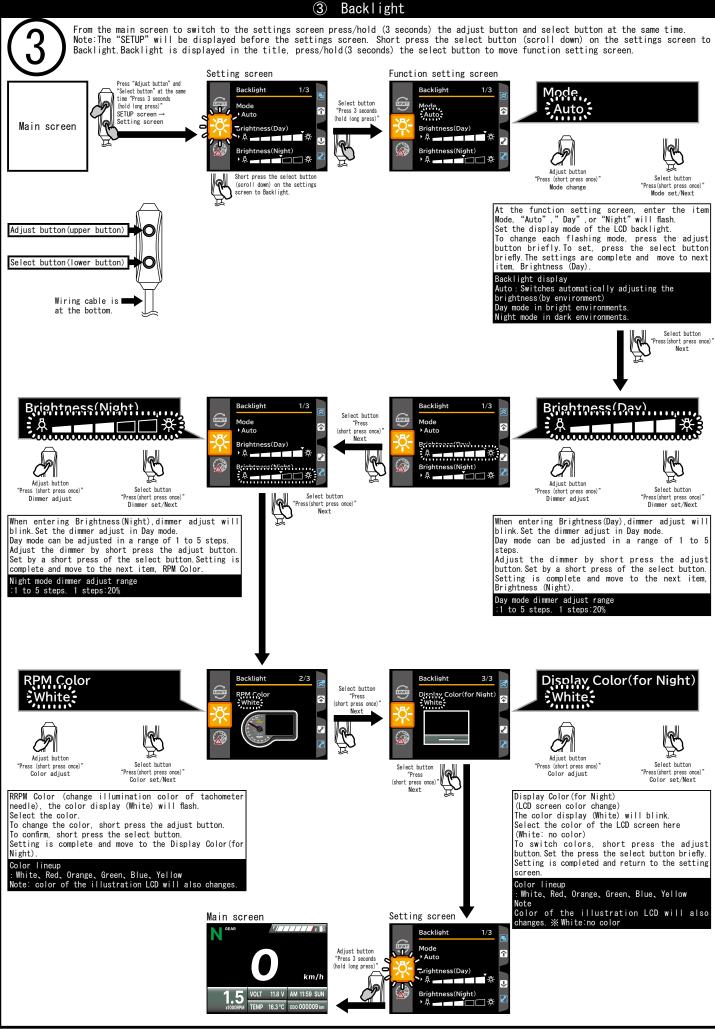


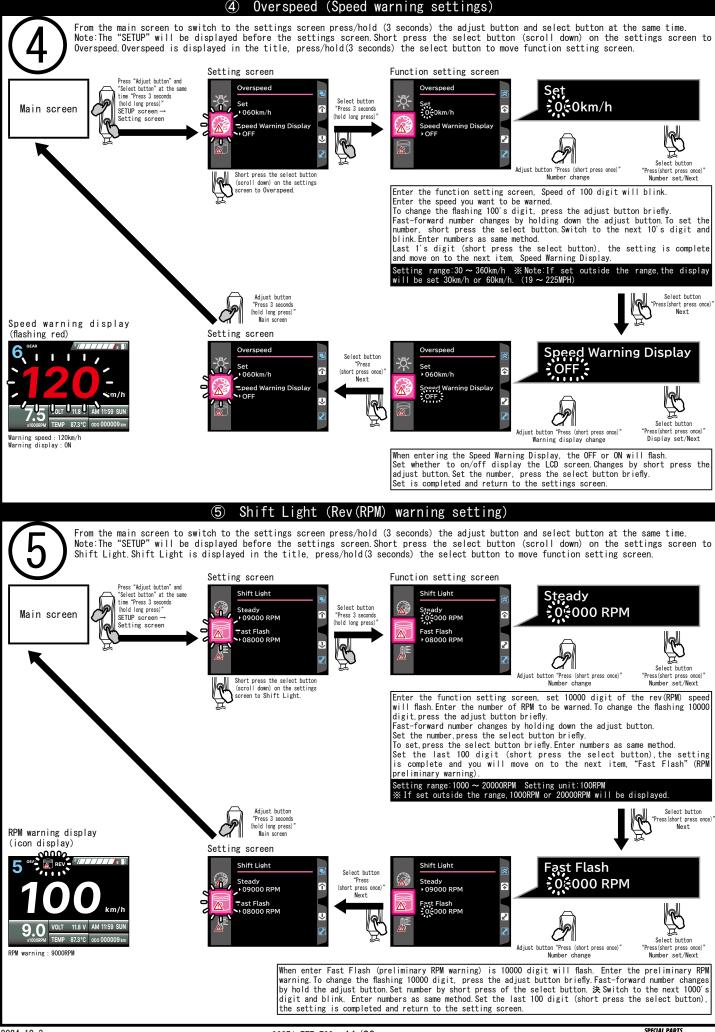


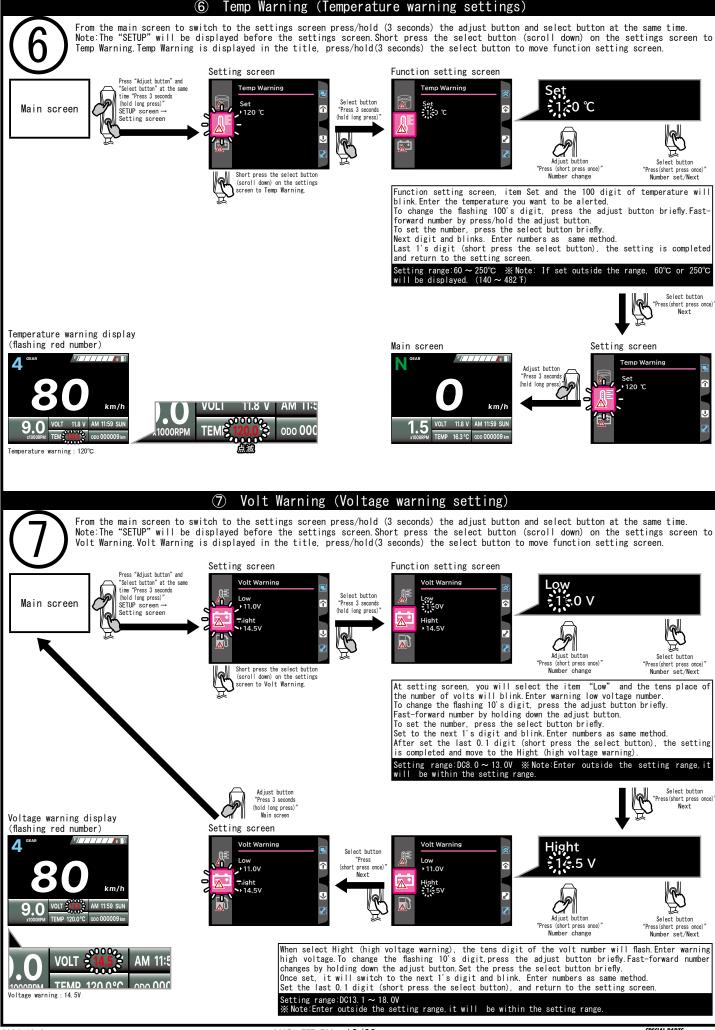


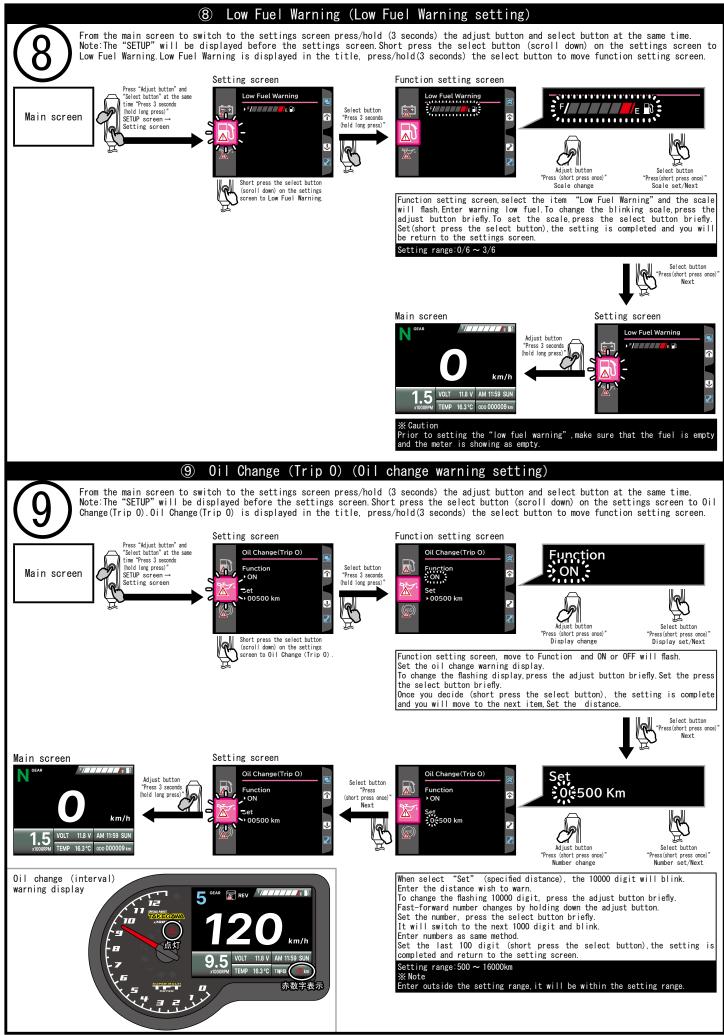


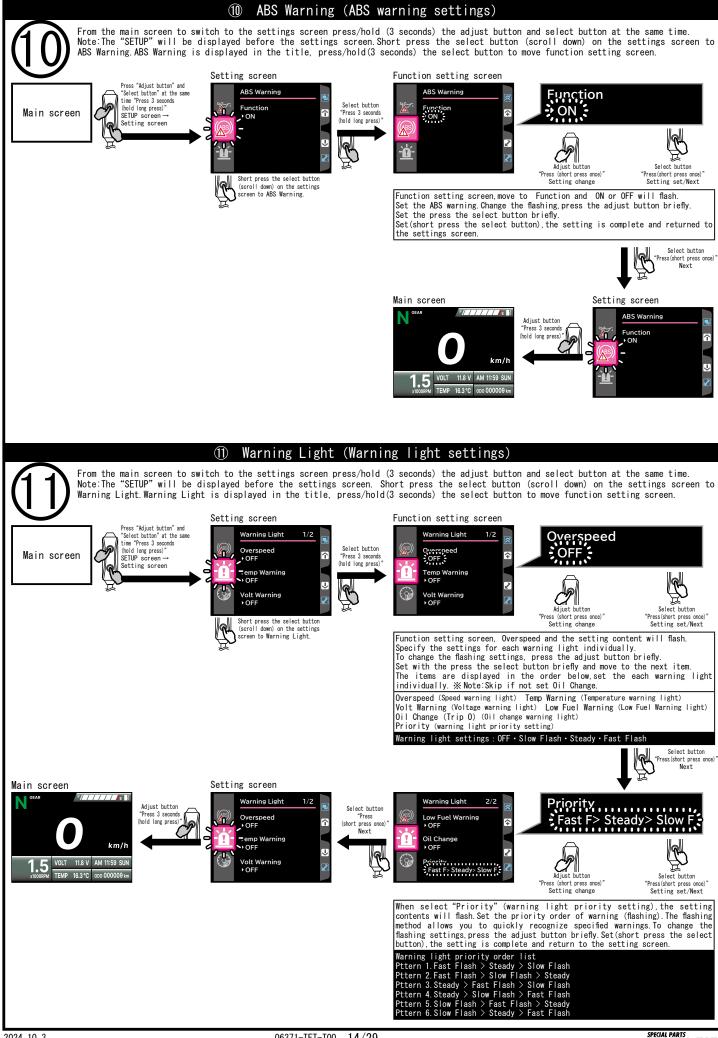


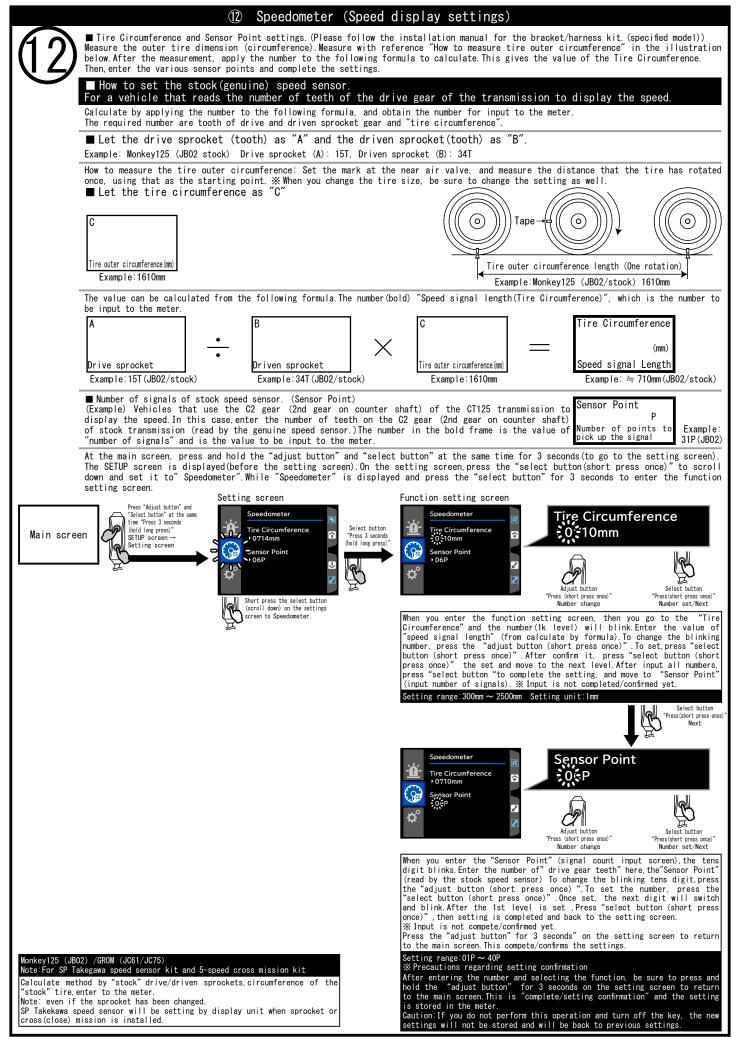




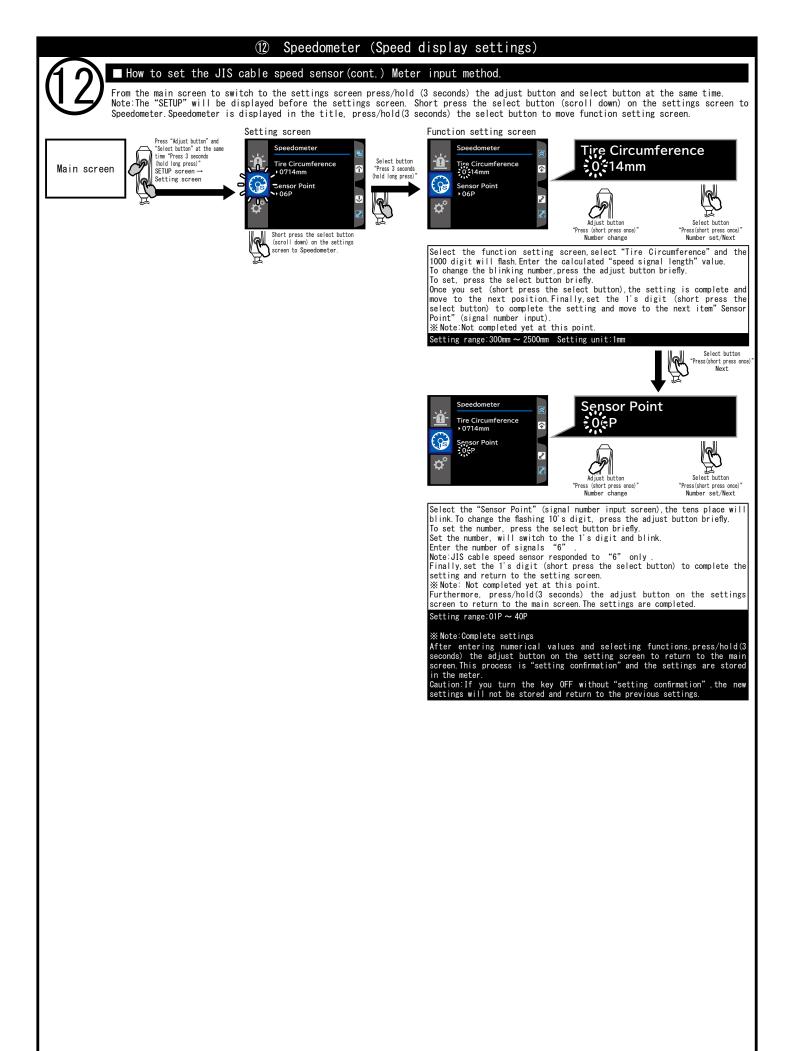


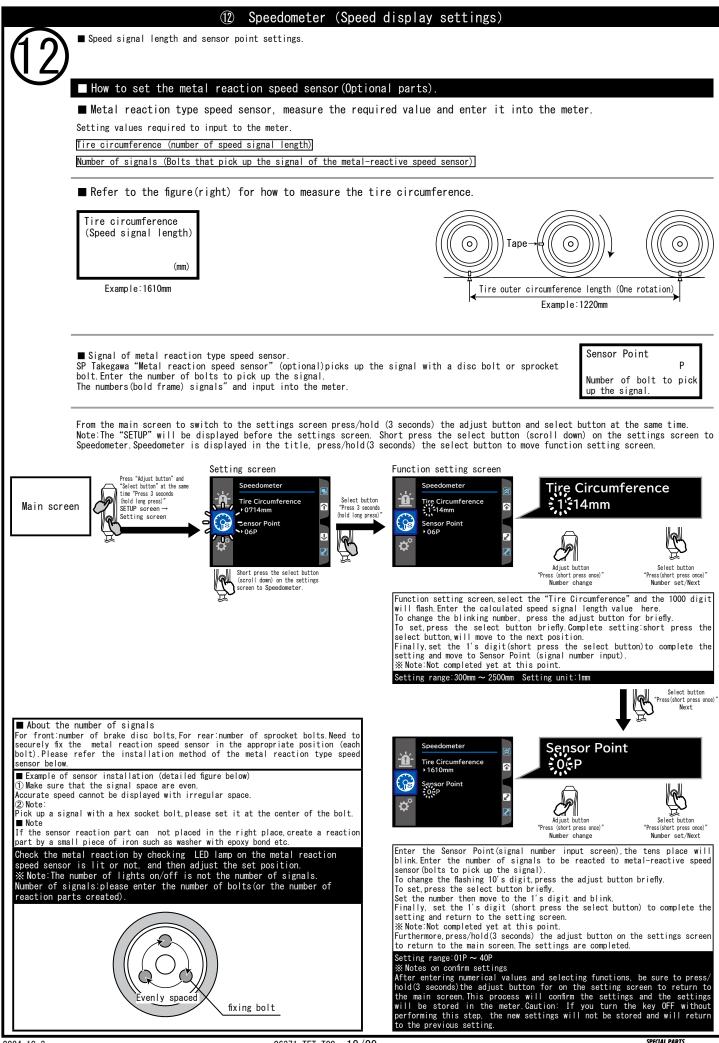


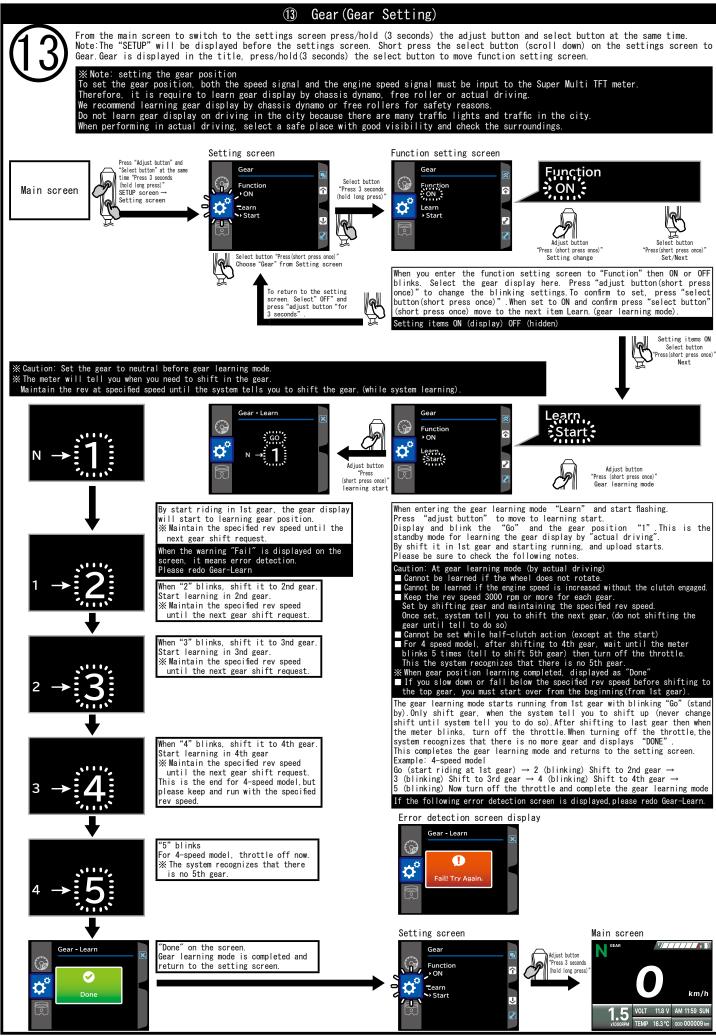




JIS cable speed sensor			
The maximum engine speed of JIS of Note:More than 180km/h, use a met Insert all the way into the meter Please check periodically to make	tal reaction speed sensor.Maximum r cable connection, then tighten	meter display 360km/h. the cable lock nut Please use	e pliers to securely tight loc
JIS cable speed sensor (Cord leng			24mm or less
■ Note:Cable modification may be ※ Measure the amount of cable pr If it exceeds more than 24mm, p Caution:If it is bottomed out as the accurate speed will NOT be re	otruding from the cable outer (F please cut that part. shown (Figure B),the rotating p	igure A).	
Note:JIS standard specified that	is and meter gear, the meter sett t the meter cable rotation speed ear as a set from other model, st equired if the tire circumference	ing is 714 mm and 6 signals. is 60 km/h at 1400 rpm (conve andard correction value is 7	14mm and 6 signals.
 How to set JIS cable speed How to find speed correct Calculate from the meter gear Caution: Care of damage during 	tion value 1 and the circumference of the mod	ified tire.	ide the meter gear box
Enter the values to the formula b Cable shaft side in the m and the gear on the accel Example : Monkey(Stock) Cable shaft gear(Number A) : 8T	neter gear box is "Number A' erator shaft side is "Numbe	· · ·	Cable shaft gear Example
How to measure the tire outer c once, using that as the starting ■ Let the tire circumferenc C	point. 💥 When you change the tir	e size, be sure to change the	
Tire outer circumference(mm) Example:1220mm		Tire oute	r circumference length (One rotat Example:Tire 1220mm
The value can be calculated from tinput to the meter. A • Cable shaft gear • Example:8T •	the following formula.The number(b B Axle shaft gear Example:14T	old) "Speed signal length(Tir C Tire outer circumference(mm) Example:1220mm	e Circumference)",which is the Tire Circumferenc Speed signal Lengt Example: ≒ 697mm
■ The speed signal setting	(number of signals) will be	9 6.	
 How to find speed correct Method to stock tires and modi Enter the values to the formula 			
■ The changed tire circumfe	erence is "Number A" and the erence(Number A): 1220mm The st the following formula.The number(b	ock tire circumference(Numbe	r B) : 1250mm
		,	

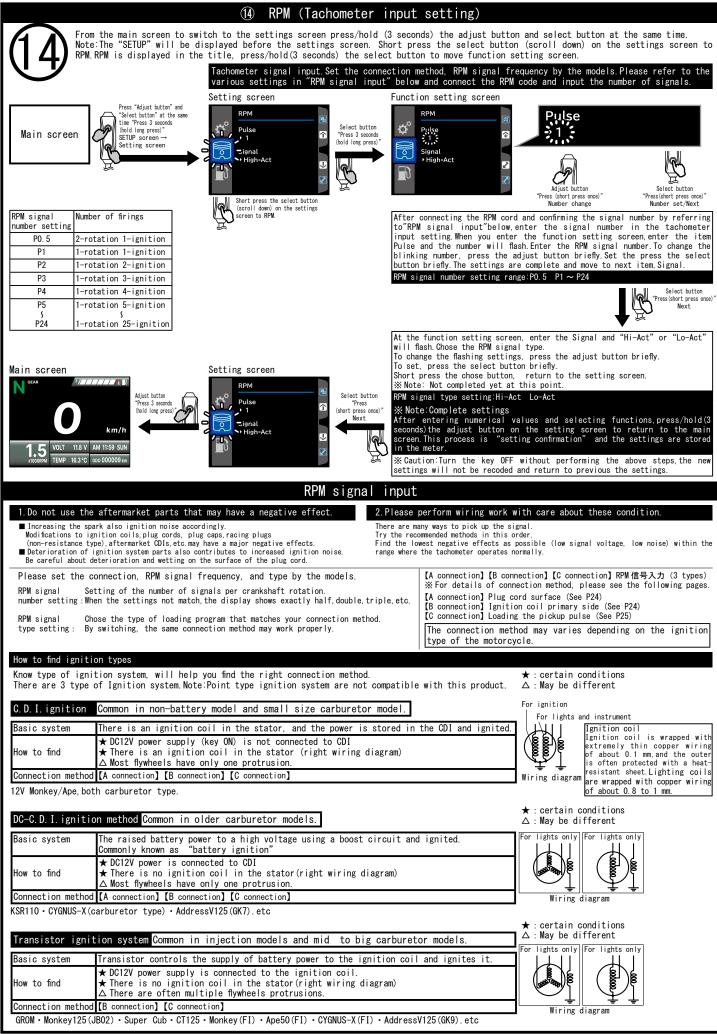






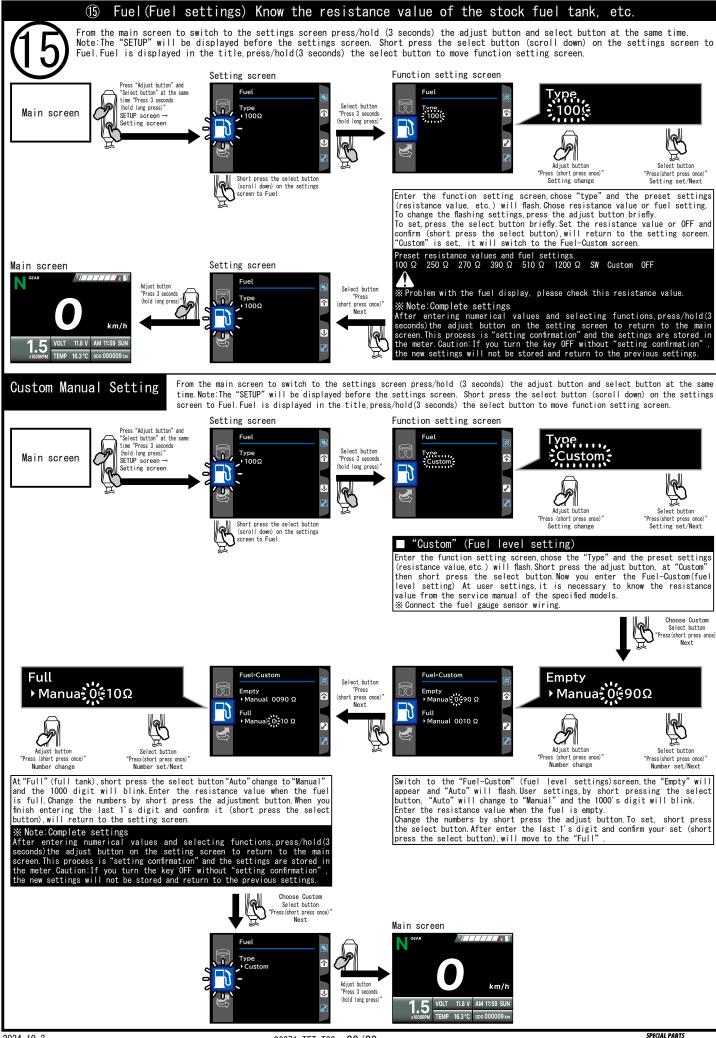
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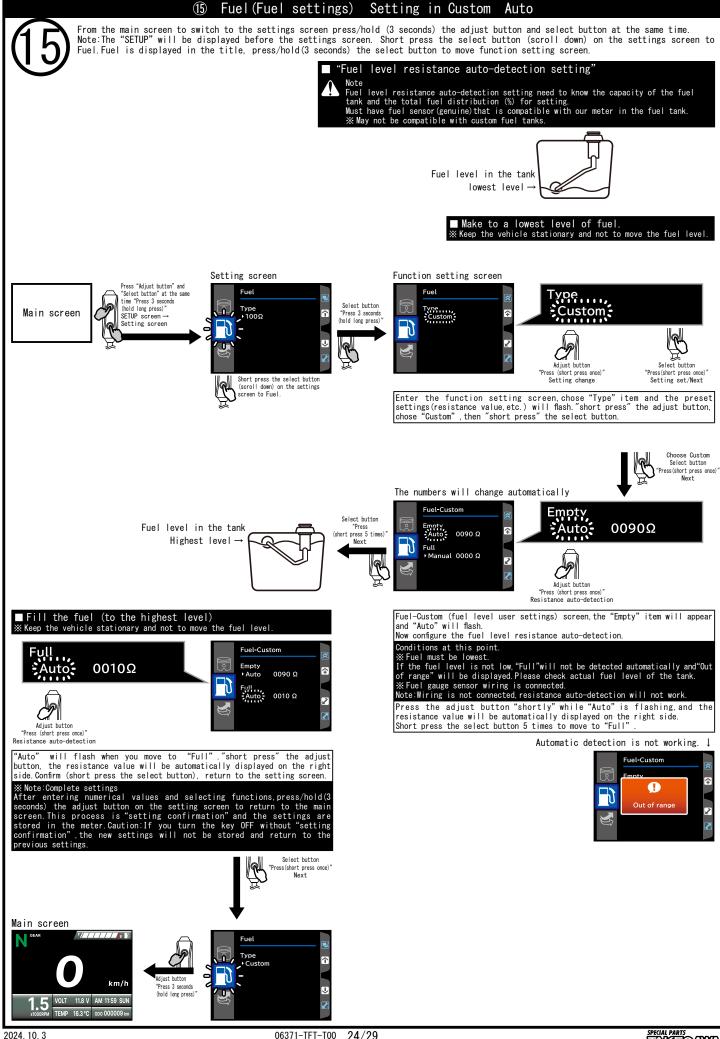
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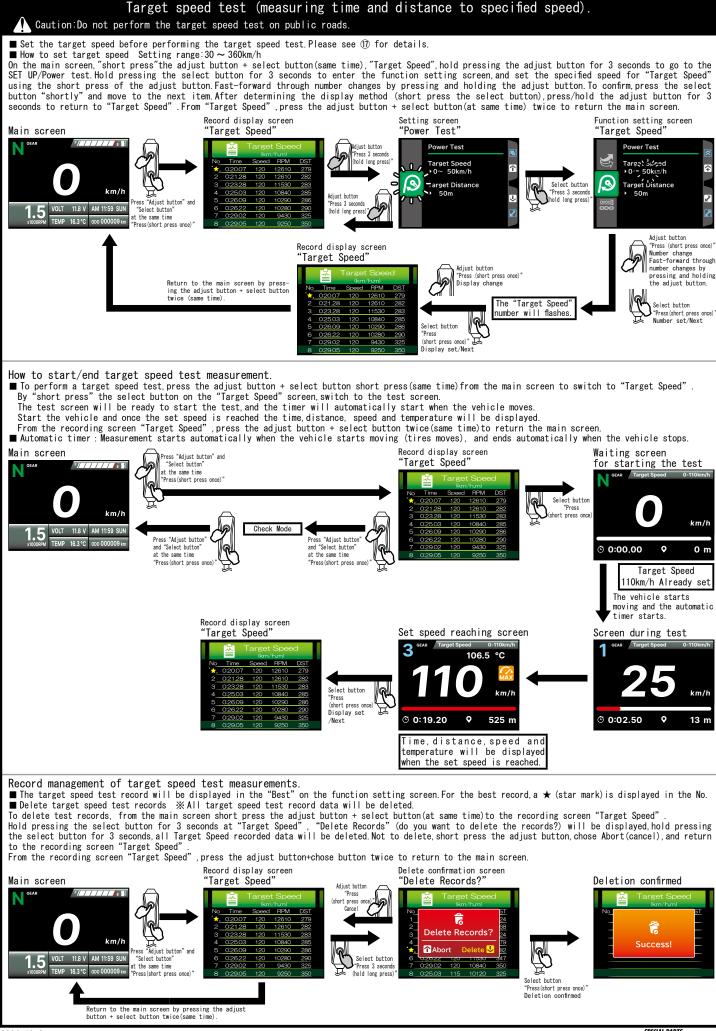


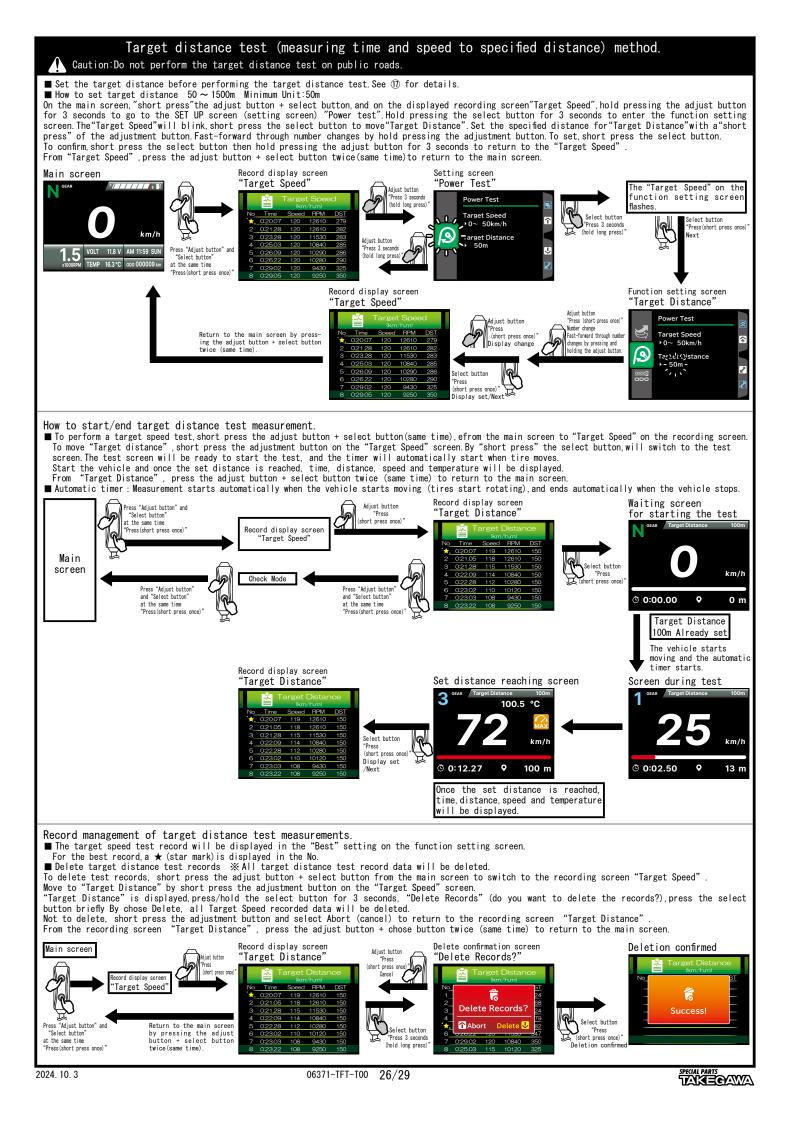
	(4) RPM signal input
RPM signal input	C. D. I. ignition DC-C. D. I. ignition method Please see the previous page for how to find type of ignition systems.
(I 4) [A connection] Wiring method	[A connection]
	ahicle side ord =[4] Brown
	Switch the RPM signal setting of the meter unit.
	RPM signal number setting : Basically 1 or 2 Ignition coil RPM signal type setting : Basically Hi, if unstable, try Lo
Small	① Attach the wiring on the near frame or body panel, it will be read by the antenna.
Signal str	(2) Attach the wiring about 20mm along the surface of the ignition coil and secure it with a tie wrap, etc. ength (3) Align about 20mm to 30mm along the plug cord and secure with a tie wrap, etc.
↓ Large	Note: longer the length, the stronger the signal. (2) Wrap it around the plug cord and pick up the signal with the electricity generated.
	Note: more you wrap stronger the signal. In most cases,wrap it around 3 times by method ④ can be read correctly.
Troublesho ■ The need	oting le moves stable, but it indicates lower or higher than the actual value.
■ The need	YM signal count setting" may not be correct.Note:If it doesn't match,it will indicate exactly double or half the value. le does not go up at all, or the goes down at high speeds. — Try ways to make the signal stronger. le value that is higher than the actual value.The needle swings away. — Try to weaken the signal(signals too strong)
≫ Note∶Adju	ustments are unlikely to introduce subtle numerical errors. It is clear whether values can be displayed or not.
\Lambda Warnin	y secure RPM wiring A with insulating tape,etc.,and check operation by rev the engine lightly. ng Do not test ride with attached the RPM wiring temporarily.
• Remove the	al input by [A connection] ③ or ④,please wrap heat shrink tube (sold separately) to complete the process. e plug cap from the plug cord. shrink tube over RPM wiring A and shrink by hair dryer etc.
(Shrinkage	temperature: 90°C or higher, shrinks to approximately 50% of the inner diameter) surely secure the RPM wiring with a zip-tie not to fall. \cdot Finally, firmly attach the plug cap.
	Attach
Н	leat shrink tube \$ 12X50
(;	Sold separately) 3pcs. Item number:00-00-2809
RPM signal input	C. D. I. ignition DC-C. D. I. ignition method Transistor ignition system Please see the previous page for how to find type of ignition systems.
【B connection】 Wiring method	C.D.I. ignition [B connection]
	Vahicle side =[4] Brown
	Please switch the RPM signal setting of the main unit I_{ground}
	before checking the operation. around RPM signal number setting: Basically 1 or 2 XNote:May not have ground wiring
	RPM signal type setting: Set Hi, (try Lo if unstable) (The bolt of the coil also works as body ground.)
	DC-C. D. I. ignition method [B connection] Some models cannot be used. Vahicle side =[4] Brown [B] [B] [B] Plus voltage ignition [B] [B]
	Please switch the RPM signal setting of the main unit Ignition coil Ignition coil
	RPM signal number setting:Basically 0.5 or 1 or 2 RPM signal type setting:Set Lo, (try Hi if unstable) (The bolt of the coil also works as body ground.)
	Transistor ignition system (B connection)
	Vahicle side =[4] Brown - DBID
	Please switch the RPM signal setting of the main unit before checking the operation.
	RPM signal number setting: Basically 0.5 or 1 RPM signal type setting:Hi Some models cannot be used.
Troubleshooti ■ The needle m	ng noves stable, but it indicates lower or higher than the actual value.
→ The ″RPM s ■ The needles	signal count setting" may not be correct.Note: If it doesn't match, it will indicate exactly double or half the value. doesn't go up at all. → Please check whether the "RPM signal type setting" is correct. boints higher than the actual value.The needle swings away. → Please check whether the "RPM signal type setting" is correct.
≫ Note: Adjust	inerts are unlikely to introduce subtle numerical errors. It is clear whether normal values can be displayed or not. needle jumps. \rightarrow RPM wiring B is touching the ignition coil.

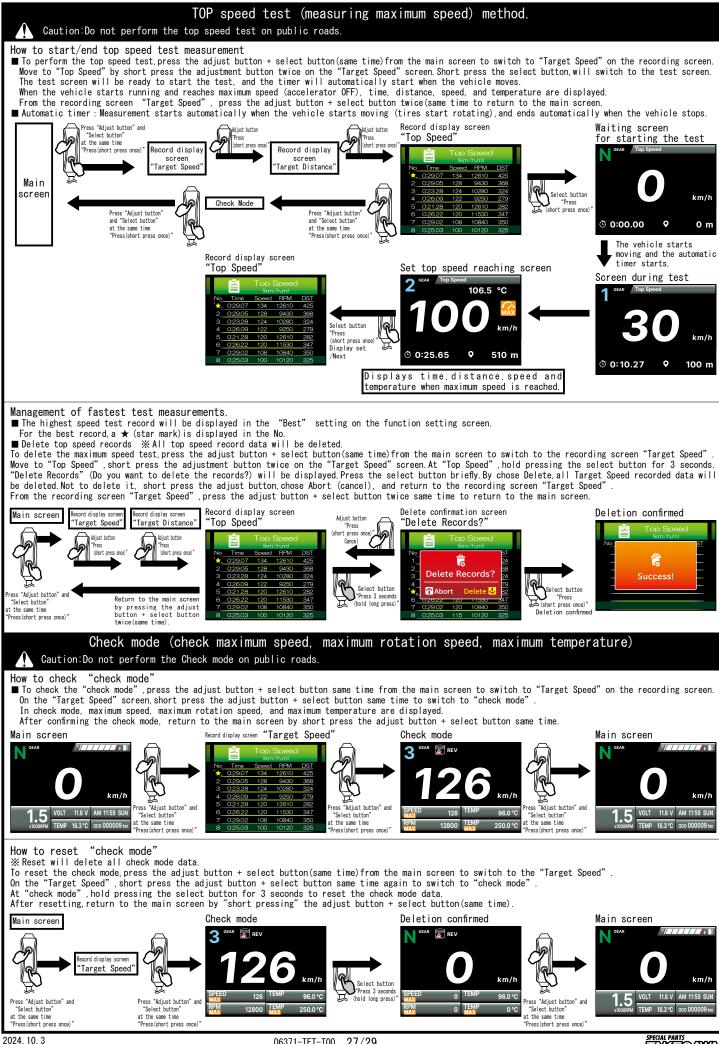
		14	RPM signal in	nput					
RPM signal inpu	C. D. I. i	gnition DC-C.	D.I.ignition meth	nod Tr	ansistor ignition system ^{Please}	see the previous page for how			
(C connection) Wiring method	Prior to	conect, please c	heck whether the i	number o	f protrusions on the outer the .5, 2, 2, 5, 3, 4, 5, 6, 9, 10, 11,	flywheel is within the			
	[C conne	ection]			FCU				
Vahicle side cord = [4] Brown BED Modifying RPM wiring A code Number of protrusions on the outer flywheel is within the set range (commentiale with unguyon engaine)									
			ignal setting of	the mai		Pulse Generator (Pickup coil)			
		hecking the operat al number setting	: Set the number of	protrus	ions.	. .			
	RPM sign	al type setting:S	Set Lo,(try Hi if	unstabl	le) Pro	tuberance			
	Example:	RPM signal frequen	cy setting						
	\bigcirc	RPM signal nu setting : 1 Short type	umber	sett k	ing:1 Set	signal number ting:9 nt the number of pieces			
	<u> </u>					· · · · ·			
TH					gher than the actual value. : will indicate exactly double or half	the value.			
					be setting" is correct.				
∎ Th	ne needle indicat	es higher than the a	actual value.Or needl	e swings	away. \rightarrow Please check the "RPM signal	type setting" is correct.			
				-	advice and does not dictate how you c				
	icle name	Engine specs	Ignition		Connection	Meter setting			
	Monkey	Carburetor	C. D. I.		A connection (A- (4) 3 Roll)	1 - Hi			
	Gorilla	Carburetor	C. D. I.	Common	B connection(Black/Yellow code)	1 – Hi			
Ape	50/100	Carburetor	C. D. I.	for all	C connection(Blue/Yellow code)	1 – Hi			
XR50	0/100 Motard	Carburetor	C. D. I.						
Veh	icle name	Engine specs	Ignition		Connection	Meter setting			
	key (FI)	Injection	Full transistor	1	Not available for A connection	Meter Setting			
	50 (FI)	Injection	Full transistor	-					
<u>'</u>	M ×1	Injection	Full transistor	Common	B connection				
	(ey125 (JB02)	Injection	Full transistor		(Pink/Blue code)	0.5 – Hi			
	25 (JA45)	Injection	Full transistor	1					
Ape	50 TYPE D	Injection	Full transistor	1	C connection(Blue/Yellow code)	9 – Lo			
			ne pulse line inside are only available		setting is "2 - Hi" g the general-purpose sub wiring.				
Veh	icle name	Engine specs	Ignition	Connection Meter setting					
KSR	110	Carburetor	DC-CD I	C conne	ection(Blue/Yellow code)	1 - Hi			
	NUS-X (FI)	Injection	Full transistor			0.5 - Hi			
Add	ress V125 GK7	Injection	DC-CDI	A conne	0.5 - Hi				
Add	CASE V125 GKO	Injection	Full transistor	_	ection(Black/Blue code)	0.5 - Lo			
Add	Address V125 GK9 Injection Full transistor B connection(Blue code) 0.5 - Hi								



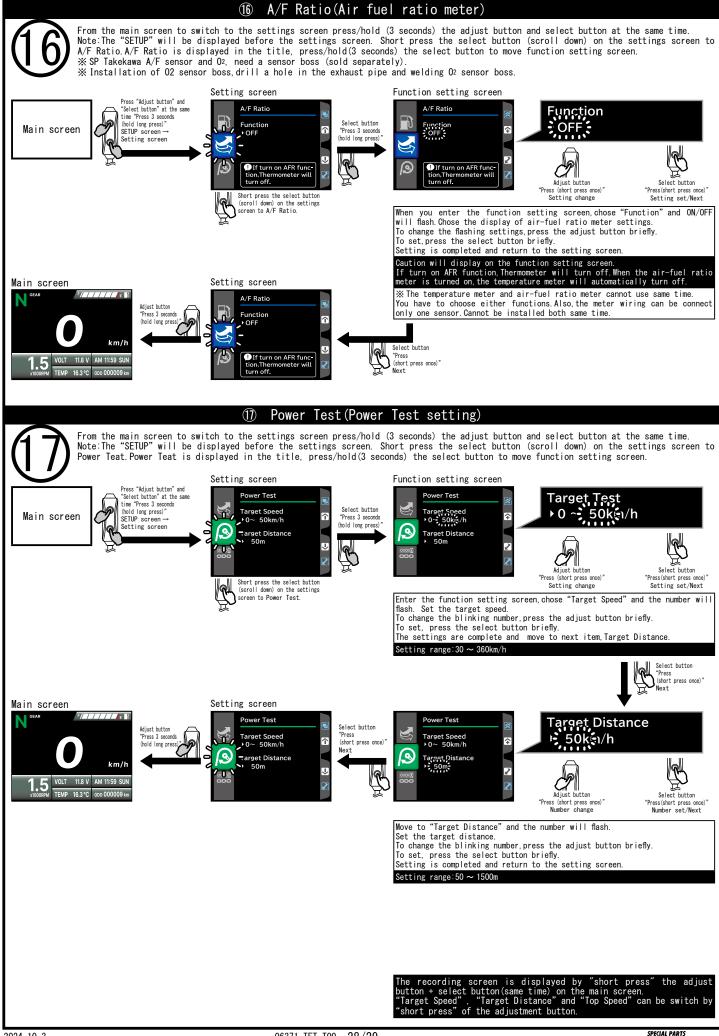


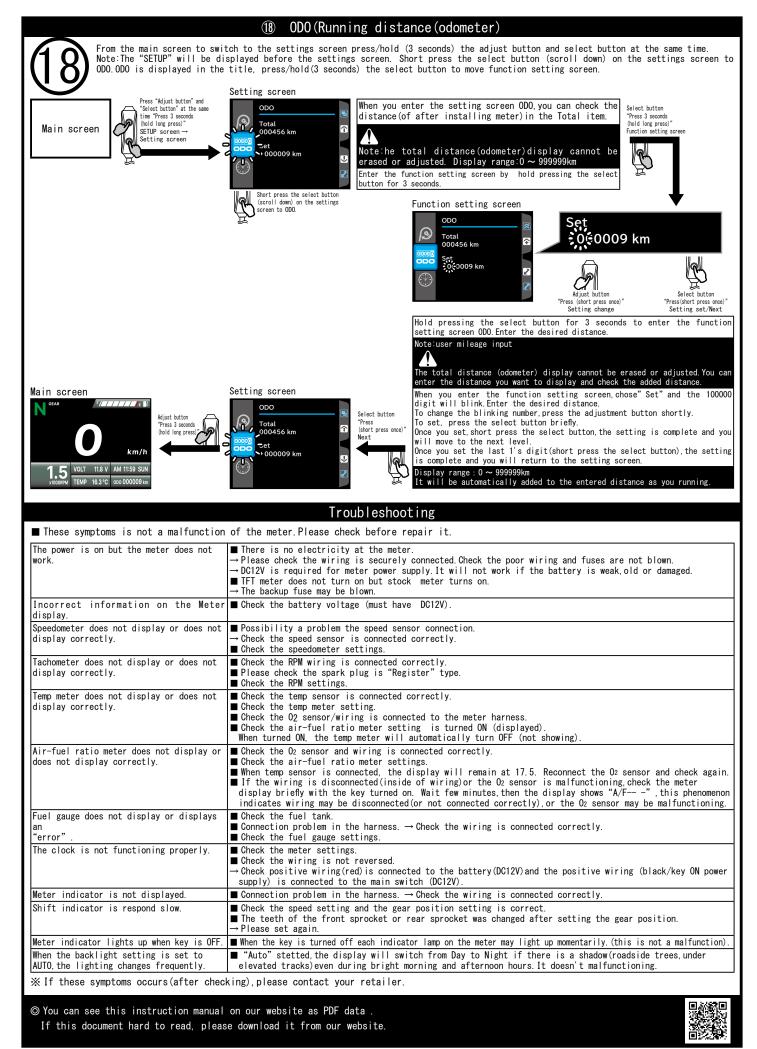




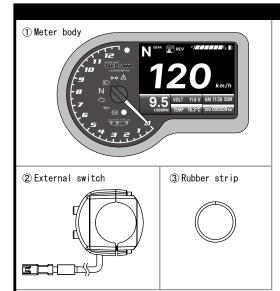


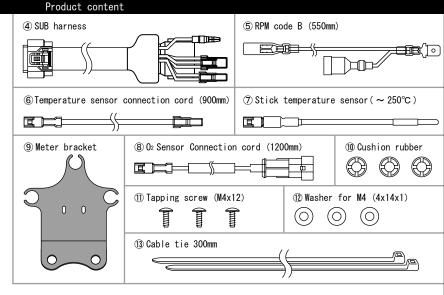
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Meter Bracket & Harness Kit(For Su	uper Multi TF	FT Meter)Instru	uction manual
Product number 05-06-0030	Adaptation model	onkey125 onkey125 (Thailand model	(JB02-1000001 ~) (JB03-1000001 ~) (JB05-1000001 ~)) (MLHJB02)
Thank you very much for purchasing our products. Thank you so you will comply with the following matters at the If there is a point of notice event, Please contact us the deal	time of use.Before ins	-	
◎ If the description, such as photos or Illustration different	with this part.		
☆ Please read carefully before use ☆			
 The use ignoring the instructions that are written in the man responsibility for compensation. This product installation and use, when a problem occurs to assume any in any such matters. 		-	-
 If it was the case or mounting that has been processed like It is not possible to inquire of the combination of other ma 		t be covered under warrant	у.
 This product is the above-mentioned vehicle exclusive goods. Product may have edges or protrusions. Be sure to wear workin (Please wear work gloves when working, even if a photo in thi Do not use gasoline or thinner (or any solvent) cleaning this If you have any questions, please contact your local Takegawa This is a custom bracket kit for mounting the Super Multi TF 	Is not possible attach ng gloves. s article show without product.There is a ris a dealer.	t work gloves.) sk of deterioration of ruk	
All sub wiring and including parts are custom made exclusivel © This product cannot be used to meters other than Super Multi	• •	9.	
 O Product cannot be used to meters other than object multi- O Product and programs are subject to change and improvement w Even with the same product number, the operation and screen m O There may be a slight speed difference with the GPS of the a 	ithout notice. ay slightly differ dep	pending on the production	time.
 Caution: Some vehicles, when replacing the sprocket, the err (even speed display setting is changed) feature ~ 		' may come on but it cann	ot be erased.
The Super Multi TFT meter can be attached to the Monkey125 with	a custom bracket and	sub-wire included in the	kit.
Using a rubber mount prevents vibration to the meter body. This custom meter can be equipped a great many functions such a tire outer diameter correction, power test function, etc. (in a You can change the display and set the function with an externa	s rotation speed, gear ddition to speed, odd switch.	r position, thermometer, b / trip meter)	attery voltage display,
Since the meter comes with a stick temperature sensor, you can Note:Super Multi TFT Meter	delect off temperature	e with the adding of takeg	awa magnet urarn bort.
Do not use LED, H. I.D. headlights or fog lamps kit made by other converter) generates high-voltage noise that adversely affects	-		
Note: setting the gear position			
To set the gear position, both the speed signal and the engine Therefore, it is require to learn gear display by chassis dynam We recommend learning gear display by chassis dynamo or free ro Do not learn gear display on driving in the city because there	o, free roller or actu llers for safety reaso	ual driving. ons	N meter.
When performing in actual driving, select a safe place with goo		-	
A Caution When the handling of ignoring this display, prope	erty damage and human s	shows the assumption of wh	nat injury.
 When performing the work, etc., be sure during the cold (when When performing the work, it should be made to prepare the to Do the work must always specified torque using a torque wrench The product and the frame, might have edges or protrusions. When Be sure to each part inspection before operation, check the specified torque if there is loose. (It may cause detachment of 	bols for the job.(Break n.(Damage of bolts and working, please wear wor loosening of the thread	kage of parts, it may caus nuts, and cause of dropol rk gloves to protect your ha	se injury.) ıt.) nds. (It may cause injury.)
A Warning When the handling of ignoring this display pe	ople died, shows the	contents of the serious	injury possibility is
 During operation, when an abnormality occurs, immediately stop the When performing the work, do the work safely stabilize the vork (There is a risk of injury vehicle collapsed while working.) 	-		t may lead to an accident.)
 Inspection, maintenance, the instruction manual or, inspection correctly. (unsuitable inspection and maintenance, there is a When carrying out the inspection and maintenance, etc., if for 	risk that result to an	n accident.)	-
the parts. (There is a risk that lead to accidents Continued u Plastic bags of product packaging, you can either be stored (When the children or wearing, there is a risk of suffocation	in a place that is out .)	of reach of children, it	should be discarded.
 Do not operate the switch while driving. (It may lead to an ad On Monkey 125, changed from stock sprocket teeth, an error will Also, the ABS warning light will light up and ABS will not work. We do not sell vehicle speed signal correction units. 	I occur in the display		
 Please note. Performance up, the design change, the product a Please be informed that we shall be held harmless against any in racing and the like. Keep this manual stored until this product is discarded. 			
SPECIAL PARTS CONTACT Address : 3-5-16 Nishil			
TAKEGAWA TEL: +81-721-25-1357 FAX:+81-72 Please contact with your name and			ttp://www.takegawa.co.jp





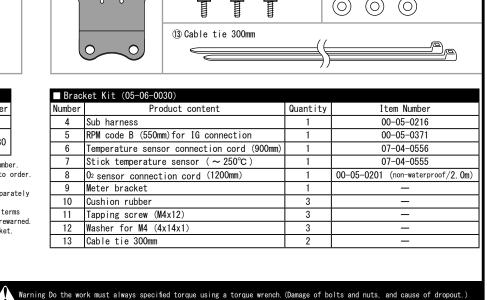
Super	^r Multi TFT Meter		
Number	Product content	Quantity	Item Number
1	Meter body	1	—
2	External switch	1	00-05-0380
3	Rubber strip	1	00-05-0380

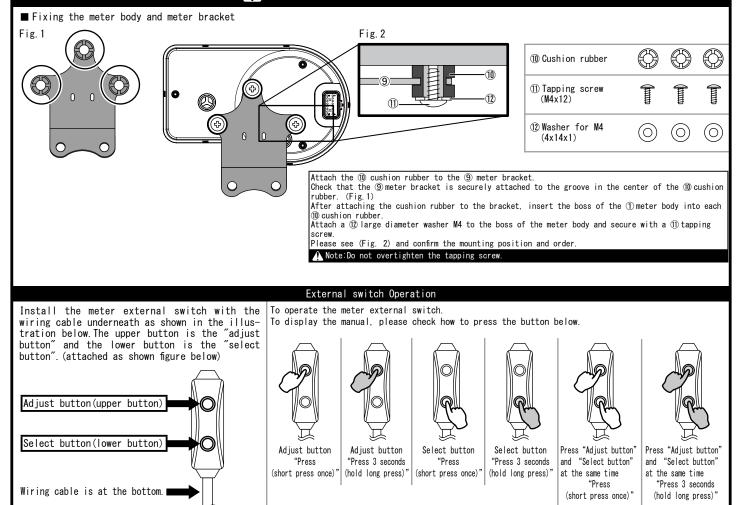
* Please order in the repair parts are always repair part number. If it is not the part number order, you may not be able to order. Please be forewarned.

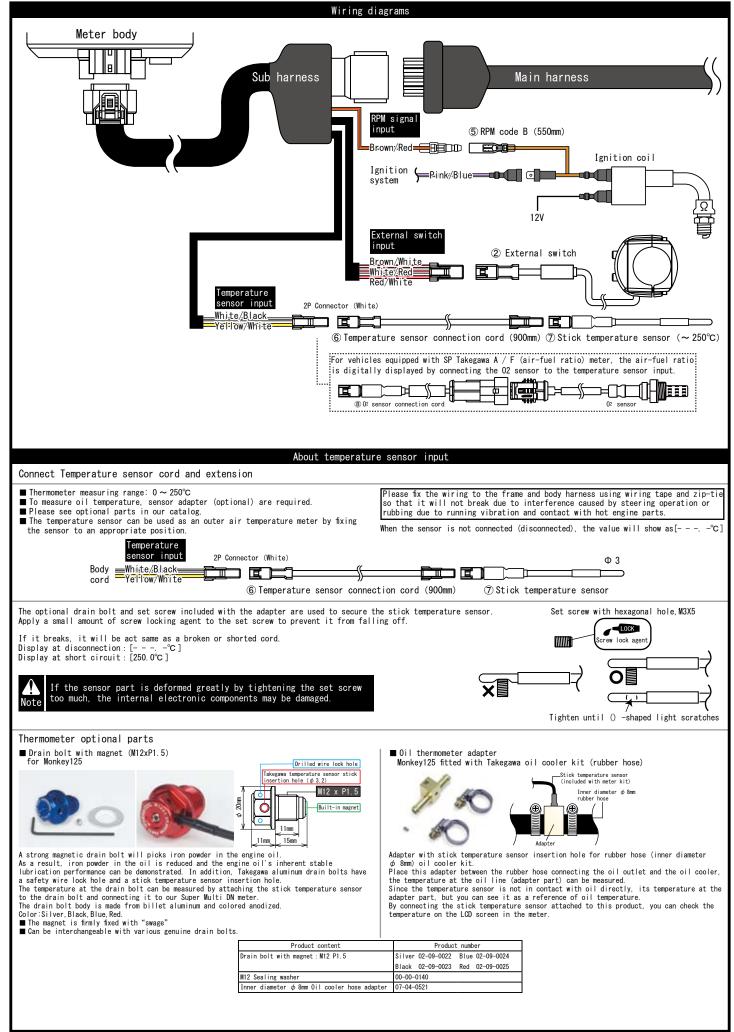
It should be noted, In the case of parts that can not be separately shipment, please order a set part number. % Repair parts may differ slightly from the kit contents in terms

of shape, etc. There is no problem to use it. Please be forewarned. $\% {\rm I\!I}$ fushion rubber is already assembled on the ${\rm \textcircled{S}}$ meter bracket. % The repair parts for the $(\ensuremath{\$})0_2$ sensor connection cord are different from the kit accessories and are non-waterproof

Fixing the meter body







■ Mounting procedure ※ Please refer to the Genuine Service Manual for detailed mounting methods and specified torques that are not specifically described.

▲ Note To record the mileage, make a note of the mileage before replace the genuine meter.

You can also see the manual P2 for how to install the meter body and meter bracekt.

■ Remove genuine speedometer Remove the left and right bolts at the bottom of the headlight unit.



Remove the headlight unit from the bottom and remove the top nail.



Disconnect the headlight unit.



Remove the two bolts from the headlight bracket that hold the headlight case in place.



Remove one bolt in the headlight case.



Move the headlight case and remove the stock meter cover mounting bolts, cover and coupler.

When moving the headlight case, be careful not to apply excessive force to the harness

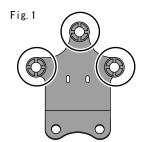


05-



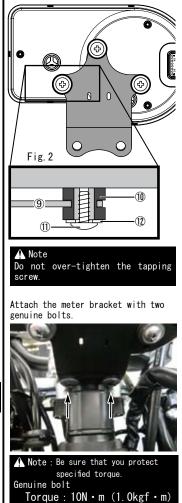
■ Fixing the meter body and meter bracket.

Check that the 0 meter bracket is securely attached to the groove in the center of the 0 cushion rubber. (Fig. 1)



After attaching the cushion rubber to the bracket, insert the boss of the ③ meter body into each ① cushion rubber. Attach the ① M4(large diameter

Attach the (12) M4(large diameter washer) to the boss of the meter body and fix it with the (1) tapping screw. Please see (Fig. 2)



 \blacksquare Connect to the subcode.

Connect the ⑤ RPM code B,

O external switch, O stick temperature sensor by referring to page 3 of the instruction manual.

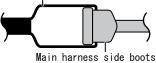
Route the harness that ⑤ RPM code B does not interfere with the ignition coil body. The tachometer may become unstable.

Plug in the main harness and meter harness connectors. Insert the boots of the main harness

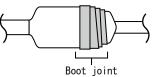
into the boots on the meter harness side as shown in the photo.



Meter side boots



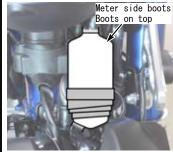
▲ Caution Wrap the wiring tape so as to cover the joint of the boots to protect from water.



Waterproofing by wrapping wiring tape

※ Caution: wrong direction of the taping and the boot cover, water may enter the boot cover and damage the meter.

Arrange the main harness and meter harness so that the boots on the meter side are on top, see the image below. Be sure to route the wiring of the temperature sensor, switch, and pulse wire downward.



Attach the headlight case and headlight unit in reverse order

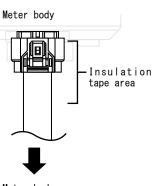
A Note Be careful not to pinch the meter harness in the headlight case. It may cause disconnection or poor

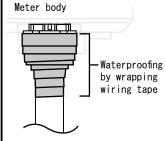
contact.

Connection to the meter body

Refer to the photos and illustrations below, connect the ① meter body and the ④ sub harness, and covered by insulating.







🛕 Caution

If not covered by tape, water may get inside the wire and may cause the meter to malfunction.

Attach the headlight case and headlight unit in reverse order.

\Lambda Note

Be careful not to pinch the meter harness in the headlight case. It may cause disconnection or poor contact.

Place external switch

Wrap the rubber strip around the handle pipe around the external switch connected to the meter harness.

※ Note The external switch is waterproof, but do not expose it to water directly with a high pressure washer, etc.

			for Monkey			
When setting † ″Super Multi	the specific vehicle fur TFT meter main manual"	ction, please refer t includes all switchi	to the "Super Ing functions	Multi TFT meter m setting screen ba	nain manual". asic operations (such	as how to change
and input nume	erical values). vehicle-specific functi					
	umbers are the function set				0	
	r to the "Super Multi TF of function setting meth		or function se [.]	tting number ① ~ ①	1) (16) ~ (18).	
 ④ Overspeed" (S ⑦ "Volt Warning ⑩ "ABS Warning" 	k" (Date/clock setting) ② peed warning setting) ⑤ g" (Voltage warning setting) " (ABS warning setting) ① (A/F meter setting) ① "Po	"Shift Light" (RPM warnin ⑧ "Low Fuel Warning" "Warning Light" (Warning	g setting) ⑥ (Fuel warning s light setting)	"Temp Warning" (Tempe setting) ⑨ "Oil Chan	rature warning setting)	ge timing warning.)
*	The input number for N		5			
Me be	For Mo Tire Circumference and Sense asure the outer tire dimensions. How After the measurement, his gives the value of the T	or Point settings ion (circumference).Measu apply the number to the f	ure with refere ollowing formul	a to calculate.	ire outer circumference"	
	How to set the stock or a vehicle that reads			ear of the Monkev1	125 transmission to di	splay the speed.
Ca	lculate by applying the num he required number are tooth	per to the following form	ula, and obtain	the number for input		
	Let the drive sprocket ample: Monkey125 (JB02)(sto	(tooth) as "A" and t	the driven sp	rocket(tooth) as "	̈́Β″.	
on	w to measure the tire oute ice, using that as the start Let the tire circumfer	ing point. 💥 When you cha				he tire has rotated
C	;				Tape-	
Ti	ire outer circumference(mm) Example:1610mm			<	outer circumference length ((Example:Monkey125 (stock)	>
	ne value can be calculated t	rom the following formula	a. The number (bo			
to A	b be input to the meter.	В	7	C	Tire Circu	mference
	<u>•</u>	_	X		_	(mm)
Di	rive sprocket	Driven sprocket		Tire outer circumference(mm)	Speed signa	Length
Exa	ample (JB02) 15T (JB03) (JB05) 14T	Example (JB02) 34T (JB03) (JB05)	37T Exa	mple <u>(JB02)1610mm</u> (JB03)(JB05)1610r	mm Example (JB02)	<u> </u>
(E to sh th	Number of signals of stock (xample) Vehicles that use to display the speed. In this haft) of stock transmission we value of "number of signa	he C2 gear (2nd gear on c case, enter the number of (read by the genuine spee Is" and is the value to b	ounter shaft) o teeth on the C d sensor.)The n e input to the	2 gear (2nd gear on cu umber in the bold fram meter.	ounter me is Number of points t pick up the signal	(JB03) (JB05) 27
sc On	the main screen, press an reen).The SETUP screen is d the setting screen, press lile "Speedometer" is displa screen	isplayed(before the setti the "select button(short	ng screen). press once)"	to scroll down and se [.]	t it to " Speedometer".	
Speedometer Tips Circumfer (300mm Sensor Point 01P	rence	Select button """""""""""""""""""""""""""""""""""		Speedometer Tire Circumference 0652mm Sensor Point OF OF	Sensor Po	Select button "Press(short press once)"
Circumference" and Enter the value or To change the bl once)". To set.pr. After confirm it, move to the next After input all n and move to "Sen % Input is not cc Stock Monkey125 (umbers, press "select button " sor Point" (input number of si ompleted/confirmed yet. JB02) (JB03)	nk. alculate by formula). just button (short press s once)". ress once)" the set and to complete the setting, gnals).	Select button "Press (short press once)" Next	digit blinks.Enter the Point" (read by the s digit, press the "adju To set the number, pres Once set, the next digi After the 1st level once)", then setting is % Input is not compete, Press the "adjust butto to the main screen.This	on" for 3 seconds" on the set s compete/confirms the setting	h" here, the "Sensor ge the blinking tens ". button (short press hetting screen. ting screen to return ts.
If your tire is n calculate from the Monkey125 (JBO2) Equipped SP Takega	Speed signal length :(JBO2)71 not stock size, measure the " e formula and enter the number awa speed sensor kit and 5-spe by "stock" drive/driven sprock	outer circumference" and ed close mission kit		the stock drive gear" r Monkey125 Stock Transmi Monkey125 Stock Transmi ※ Precautions regarding After entering the num and hold the "adjust	ission(5 speed) Input numbe g setting confirmation ber and selecting the functi button" for 3 seconds on t	or. er : 31P (JB02) er : 27P (JB03)(JB05) on, be sure to press the setting screen to
"stock" tire,ente Note: even if the	r to the meter. sprocket has been changed. sensor will be setting by dis			the setting is stored i Caution:If you do not	preen.This is "complete/sett in the meter. perform this operation and t be stored and will be back to	curn off the key, the
			1			

