2012-2013 model KSR110 square LCD SPEED & TACHO Instruction manual				
Product number 05-05-0023Adaptation model/ chassis numbers or VIN numbers'12 KSR110(KL110CBF) /JKAKL110CCDA00058 ~ '13 KSR110VIN numbers'14 KSR PRO(KL110DF) / JKAKL110EEDA88121 ~				
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. O 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. This product is the above-mentioned vehicle exclusive goods. Is not possible attached to the other vehicle. Please note. Regarding KSR PRO, we have confirmed the adaptation of the above-mentioned vehicles, but if manufacture specifications are unexpectedly changed, it may not be fit the products. The specifications of the vehicle differ depending on the import source, etc., and we are not completely grasped it. Please contact us for further information. ~ feature ~ 				
 O The square LCD meter equipped with a speed meter, tachometer, odometer, trip, indicator lamps, as well as a rev indicator and a thermometer in compact body compiled for the 2012-2013 KSR 110 exclusively. O The temperature sensor comes with a stick type that can be attached to our bore-up cylinder. 				
🔥 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. Please go to protect your hands when you work. (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.) 				
Warning When the handling of ignoring this display people died, shows the contents of the serious injury possibility is assumed.				
 Those who are technically unskilled or inexperienced are required not to do the work. (Improper installation due to unskilled technique or lack of knowledge could lead to parts breakage and consequently to accidents.) If you start the engine, be sure in a well-ventilated place. In the sealed such place, please do not start the engine. (There is a risk of carbon monoxide poisoning.) 				
 During operation, when an abnormality occurs, immediately stop the vehicle in a safe place, please stop running. (It may lead to an accident.) When performing the work, do the work safely stabilize the vehicle in a horizontal location. (There is a risk of injury vehicle collapsed while working.) 				
 Inspection, maintenance, the instruction maintan or, there is a risk that result to an accident.) When carrying out the inspection and maintenance, etc., if found damaged parts, replace the damaged parts to avoid possible to reuse the parts. (There is a risk that lead to accidents Continued use.) Gasoline is extremely flammable those that are flammable to avoid any fire make sure that there is no around 				
Also, it evaporated gasoline, because there is a danger of explosion, do the work in well-ventilated areas.				
 Please note. Performance up, the design change, the product and the price in the cost up, etc. are subject to change without notice. Keep this manual stored until this product is discarded. Please be informed that we shall be held harmless against any claim against us whatsoever arising out of use of the products in racing and the like. 				
\sim Precautions on usepurchased dealer \sim				
© Please DO NOT install with after-market H.I.D. (discharge head lamp) kit may contain high voltage noise that affects digital circuits from ballast / inverter (voltage conversion device) due to quality, it may cause meter malfunction. After-market ignition parts (such as ignition coil and plug cord) should NOT be installed as it will cause malfunction due to increased adverse effect noise accompanying the increase in ignition voltage. Please DO NOT install the external power generator as a cause of breakdown due to a shortage of charging power, drop in battery voltage or a failure of control voltage.				
Long term, to prevent weathering, please covered when parking at outdoors. If you leave for a long time under severe weather conditions such as in the scorching sun, degradation and deformation of resin and rubber parts may be considered. This product is not completely waterproof.				
Since it is a drip-proof structure, water does not enter inside at normal rain condition, but it is not completely waterproof so water will enter if you soak it in water. If water enters the main body, please stop using it immediately. Also, when the humidity is high, temperature suddenly changes, the main body may inhale moisture and clouding may occur on the inner panel. © Please DO NOT disassemble.				
Please DO NOT not modify. If disassembled it, we will not accept for the repair. © Please Do NOT give a heavy shock.				
Please DO NOT giving a strong impact to the meter, such as off-road riding, jumping, or wheelie. Depending on the impact, there is a risk of missing internal parts and damaging the body. © About Take Care				
If you have stubborn stains, dissolve a small amount of detergent in water, please slowly and carefully remove the dirt. Please DO NOT clean it with volatile substances (thinner · alcohol etc) or compound, it may the panel will become cloudy. © Prohibition of riding with off headlights / Safety parts have been removed vheicles such as racebike When riding with the headlight OFF, simple modification such as only disconnecting the headlights, the electricity not consumed will				
raise the voltage of the whole body. Continued running on this condition, there is a possibility that the genuine regulator breaks down due to deterioration of the battery, overcharging or excessive burden, exceeding the maximum voltage of the meter. Its effect more for modified engine running at higher engine speed than normal. In the case of failed headlight bulb, stop engine immediately or switch to the high beam (adjust the optical axis as well) if you				
need to continue riding. At this time, please ride at lower rpm as possible. For racing vehicle, exclusive knowledge and alternative parts and additional parts are required to remove all safety parts.				
SPECIAL PARTS CONTACT Address : 3-5-16 Nishikiorihigashi Tondabayashi Osaka JAPAN TEL: +81-721-25-1357_FAX:+81-721-24-5059 e-mail:english@takegawa.co.jp URL http://www.takegawa.co.jp				
Please contact with your name and country name provided. (Only English please)				





Number	Product content	Quantity	Item Number
1	Meter	1	05-05-0006 (set)
2	Main harness	1	00-05-0034
3	Sub harness	1	32110-KLX-T00
4	Stick temp sensor	1	07-04-0551
5	Tempe sensor connection wire	1	07-04-0522
6	Speed sensor	1	05-06-0012 (set)
7	RPM wire	1	090-00-0063
8	T tap	1	·
9	Meter bracket	1	37213-KLX-T00
10	Rubber	2	
11	Washer, 4x14	2	
12	Tapping screw, 4x8	2	
13	Button head socket screws, 6x50	2	00-00-0314 (3 pcs)
14	Collar	2	37214-KLX-T00
15	Washer, 6x19	2	00-00-0546 (6 pcs)
16	Flange U nut, M6	2	00-00-0091 (6 pcs)
17	Socket cap screw, 4x16	2	00-00-0328 (5 pcs)
18	Spring washers, 4mm	2	00-00-0399 (10 pcs)
19	Hex nut, M4	2	00-00-0398 (10 pcs)
20	Socket set screw, 3x5	1	00-00-0480 (6 pcs)
21	Insulation lock, 290mm	1	
	Hex wrench, 1.5mm	1	

% 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.

In addition to the above, the following parts are included, but it is NOT used with this product.





Mounting procedure XPlease refer to the genuine service manual if the detail is not mentioned method and the specified torque.

- Stabilize the vehicle in a horizontal and safe place.
 Confirm that the main key is OFF to
- avoid a fear of shorting.
- Refer to the genuine service manual and remove the original speed meter. Remove the rubber part from the original meter bracket.



◇ Attach the two (included) rubber pieces to the Takegawa meter bracket, attach the meter using 2 washers (4 × 14) and 4 tapping screws (4 × 8). Attach the speed sensor to the meter bracket using socket cap screw (4x16) 2 pieces spring washer (4mm) and 2 hexnut (M4).





Attach the above meter bracket to the original meter stay using 2 buttonhead socket screws (6x50) screws, two collars, 2 washers (6x19), and 2 flange U nuts(M6).



Connect the speedometer cable to the speed sensor. Use pliers etc. securely.
 The protruding amount of the inner cable of the speedometer cable that can be attached to the speed sensor becomes less than 24 mm (JIS standard hsape).
 When installing a speedometer cable with a too much amount of protrusion, the rotating part wears violently and the accurate speed can not be recognized, so make sure the amount of protrusion of the inner cable is measured

If the protruding amount exceeds 24 mm, make cutting the part.





◇ Connect the T tap attached to the pickup pulse wire. Connect the RPM wire and security tight up to the the meter area.



How to connect the T tap ① Place the wiring on the recess and fold the T type tap.



② Squeeze tightly until the click by the pliers etc. so that the connection terminal is connected to the wiring.



Attach the stick temperature sensor, connect the sensor, connecting wire, and security wire it to the the meter area.

- Attach a small amount of screw lock glue to the socket screw (3x5) to prevent falling off.
- % Tightening of the socket set screw should be stay to the slightly tight (not too tight). If the sensor part is deformed greatly due to excessive tightening, internal electronic parts may be damaged.



slightly tight (not too tight)

- ♦ Connect the 9P coupler of the original meter to the sub harness(included).
- ※ DO NOT bend or apply strong force the black vinyl tube because sub-harness incorporates electronic parts in.
- ♦ Connect each wiring (refer wiring diagram).
- ♦ Bundle and secure the wiring with the attached tie wrap.
- ♦ Connect the headlight coupler and attach the front cover.
- ♦ Make the meter settings (refer setting manual).
- ♦ Confirm all the function and indicator lights works correctly.





