

## SPEED PULSE CONVERT UNIT & SENSOR (FOR GROM 5SP TRANSMISSION) No.1/2

CODE : 752-1432900

APPLICATION : GROM WITH 5SP TRANSMISSION

※With aftermarket disc rotor bolts which might have different head shape, sensor might not activate correctly.  
That case, you might require to adjust the bolts position or exchange.

- Thank you for purchasing Kitaco product. Read and understand the instruction before installing.
- Please keep the instruction for later needs.

### ATTENTIONS (MUST READ)

- We are not responsible for damages and accidents caused by assembling mistake and improper setting.
  - Please ask authorized mechanic for assembling and setting.
- Ask a specialist at specialty shop if you do not understand the role of the surrounding parts.
- Do not modify the way which is not listed or it will cause damage and trouble.
  - Refer to the manufacturer HONDA service manual when installation.
  - Please contact a mechanic nearby immediately when you find something unusual.

FEATURE	○Honda OEM stock 4 speed transmission reads gear revolution with sensor built-in the crankcase. Once 5SP transmission is installed, stock sensor is not able to read 5SP gear revolution due to layout change. This product reads revolution from front wheel disc rotor bolt and converts the pulse for stock speedometer. Also, it can be usable for vehicles with tyre size change as well as rotor bolt number change.
ATTENTION (MUST READ)	▼ATTENTION
	● This product might not work correctly with some specific electrical parts such as (HID / acoustic parts and so on)
	● This product is not perfect waterproof. Try not to get wet as much as possible. Keep your vehicle at the place where it does not get rainy.
	● Follow the instruction of wiring mods as specified in it.
	● Keep this product at the place without much vibration, to avoid breakage. This product might not activate correctly when mounted close to the motor due to heat & vibration.
	※ Any failure due to heat or vibration is out of warranty
	● Do not place wirings close to ignition coil / high tension code.
	● Disassembling this product is not allowed, to avoid malfunction and breakage.

PACKING LIST				
FIG	CODE	NAME		QTY
1	752-1432901	SPEED SENSOR		1
2	752-1432909	SPEED SENSOR STAY		1
3	062-0569015	FLANGE BOLT	M6 × 15	1
4	001-0550006	FLANGE LOCK NUT	M6	1
5	752-1432908	FLANGE BOLT	M8 × 28	1
6	762-1432900	PULSE UNIT		1
7	755-0919083	CONVERT HARNESS		1
8	700-0500100	TIE WRAP		2

### HOW TO INSTALL

- ※ REFER TO HONDA SERVICE MANUAL TOGETHER WITH THIS INSTRUCTION AS REMOVING OUTSIDE PLASTICS IS REQUIRED
- ※ MAKE SURE TO REMOVE BATTERY BEFORE CONNECTION TO AVOID UNEXPECTED ACCIDENT

- 1 Remove shroud and headlight.
- 2 Install speed sensor temporarily. (refer to "2. INSTALLING SPEED SENSOR" right side)
- 3 Insert "convert sensor (3P coupler & white / red terminal) in connector boots.
- 4 Set up speed sensor unit (tyre outer circumference / revolution number) on page 2.

### 2. INSTALLING SPEED SENSOR

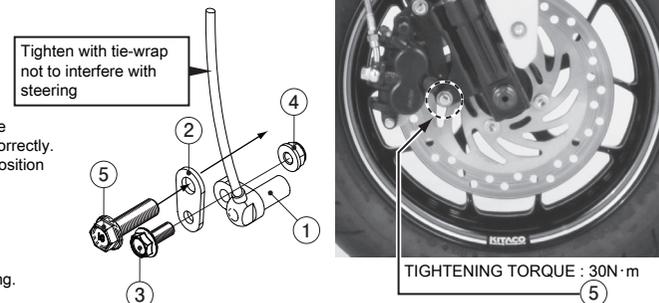
- Tighten flange bolt ⑤ M8 x 28 together with speed sensor & speed sensor stay which is just under stock brake caliper installing bolt (M8 x 25)

- After installation, move the front wheel to see if sensor interferes with disc rotor bolts or not and so on.

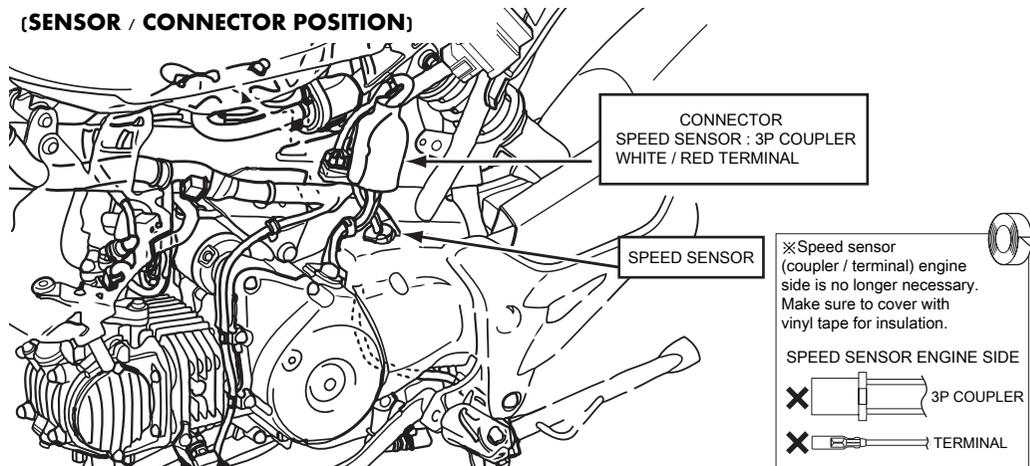
※ With aftermarket disc rotor bolts which might have different head shape, sensor might not activate correctly. That case, you might require to adjust the bolts position or exchange with different bolts.

- Keep the harness together with main harness and so on, so that harness does not interfere with steering.

※ Be careful to route harness not to interfere steering.



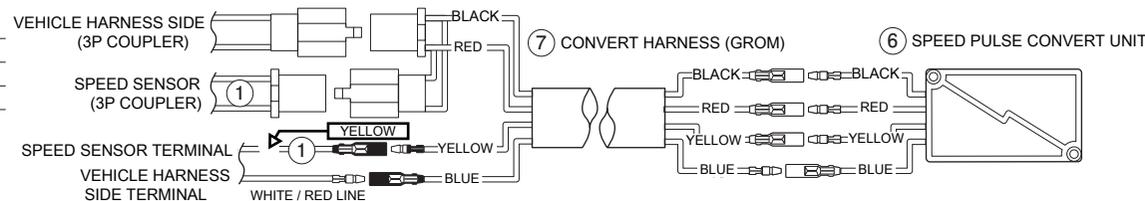
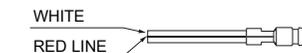
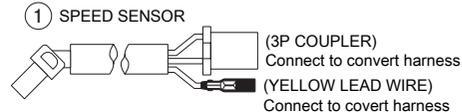
### 3. HARNESS VEHICLE SIDE (SENSOR / CONNECTOR POSITION)



### ● WIRING

※ Make sure to waterproof finish with vinyl tape and so on.

※2-color lead wire  
ex. WHITE / RED LEAD WIRE



## SPEED PULSE CONVERT UNIT & SENSOR (FOR GROM 5SP TRANSMISSION) No.2/2

CODE : 752-1432900

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※With aftermarket disc rotor bolts which might have different head shape, sensor might not activate correctly. That case, you might require to adjust the bolts position or exchange.

### HOW TO SET UP / OPERATE

- 1 Input tyre outer circumference / point number on convert unit.  
There are display & switch.  
Remove 2 screws and lid.

※ "Tyre outer circumference (mm) = 1500" & "detection number = 4" are in default.  
Refer to right side chart

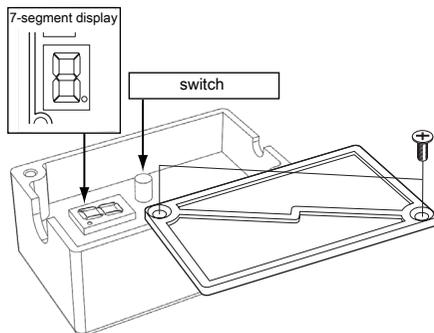
- 2 With pushing the switch inside, turn on the ignition for tyre outer circumference / point number setting mode. Refer to right side chart

- 3 Finishing setting mode  
Set up "L" & "P", then after displaying "L", turn off the ignition.

※ Save the each setup data when goes back to "L" again.

Make sure that the parts are installed correctly before actual run for test.

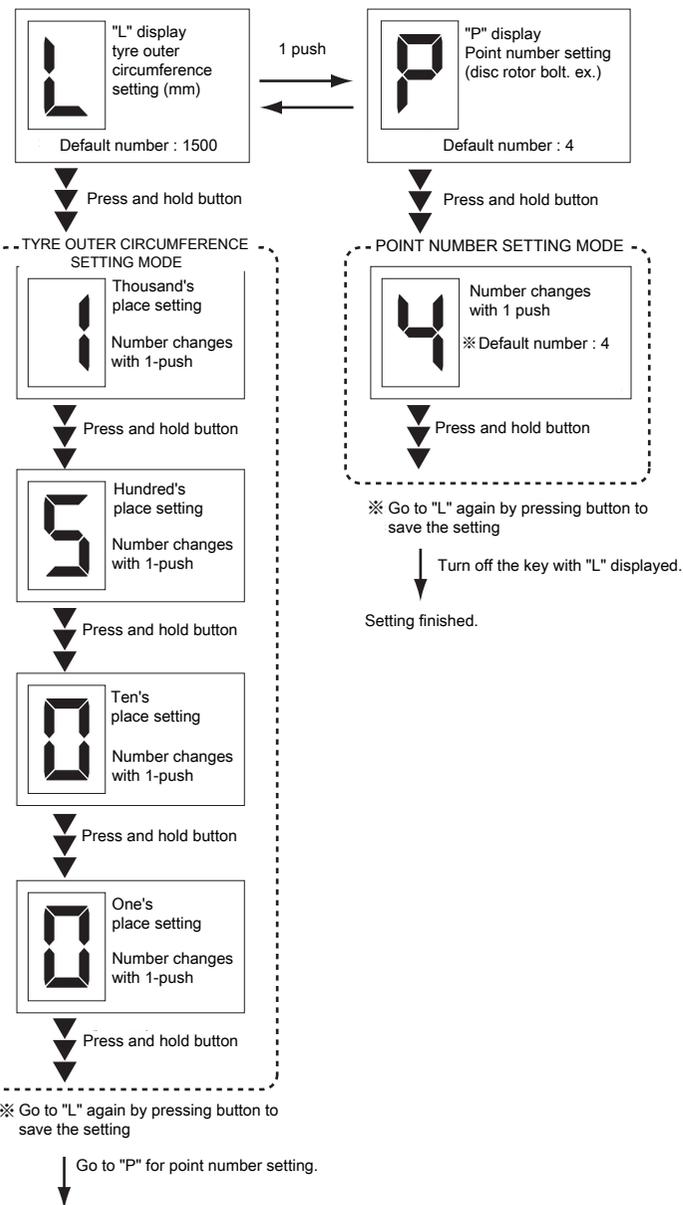
※ Do not setup in the public street.  
Driving without correct setting is against laws or regulations in most of the countries.



### ● TYRE OUTER CIRCUMFERENCE / POINT NUMBER SETTING CHART

With pushing the switch inside, turn on the ignition for tyre outer circumference / point number setting mode.

↓ After 7-segment LED is on, let go the switch.



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