RX2 GP style meter CDI & FI — INSTALLATION

1-1 Accessory

1 Meter X 1

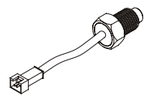
2 Main wiring X 1

3 RPM wire (Type **A**) X 1

4 RPM wire (Type **B**) X 1

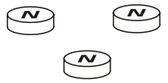
5 Temp sensor wire X 2

6 PT1/8 water temp sensor X 2

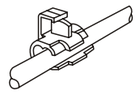


7 Digital speed signal sensor X 1

8 D6 X 5L mm magnet X 6



9 Connect terminal X 11



10 M8 / S type speed sensor bracket X 1

11 M10 / S type speed sensor bracket X 1

12 M5 X 5L mm hexagonal bolt X 2

13 2.5 mm spanner X 1

14 3 mm spanner X 1

15 Meter bracket X 1

16 M5 screw X 3

17 M5 gasket X 3

18 M6 X 35L screw X 2

19 M8 X 30L screw X 2

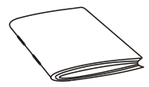
20 M6 screw X 2

21 M8 screw X 2

22 M6 gasket X 2

23 M8 gasket X 2

24 Manual X 1



NOTE Please contact the local distributor if the items you open are not the same, with the above-listed one.

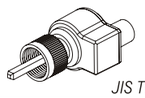
1-2 Option accessory

1 Disc magnet screw

5/16-18 X 22.1L
M5 X P0.8 X 12L
M6 X P1.0 X 12.6L
M6 X P1.0 X 19.7L
M6 X P1.0 X 24L
M8 X P1.25 X 22.5L M8 X P1.25 X 27.5L
M8 X P1.25 X 29L M10 X P1.25 X 28.3L

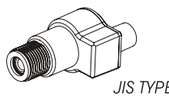
2 Active speed sensor

3 Digital speed signal sensor



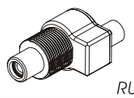
JIS TYPE a

4 Digital speed signal sensor



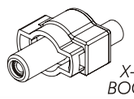
JIS TYPE A

5 Digital speed signal sensor



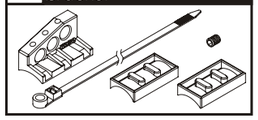
RUNNER

6 Digital speed signal sensor



SR
X-FIGHT
BOOSTER

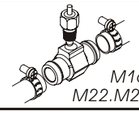
7 L type speed sensor bracket



8 Oil temp sensor adapter

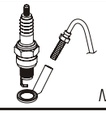
M12 X P1.5 X 15L
M14 X P1.25 X 15L
M14 X P1.5 X 15L
M16 X P1.5 X 15L
M18 X P1.5 X 15L
M20 X P1.0 X 15L
M20 X P1.5 X 15L

9 Water temp sensor adapter



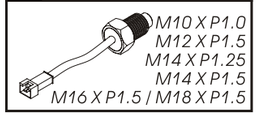
M14
M16.M18
M22.M26 mm

10 Cylinder head temp sensor



M10.
M14 mm

11 Temp sensor

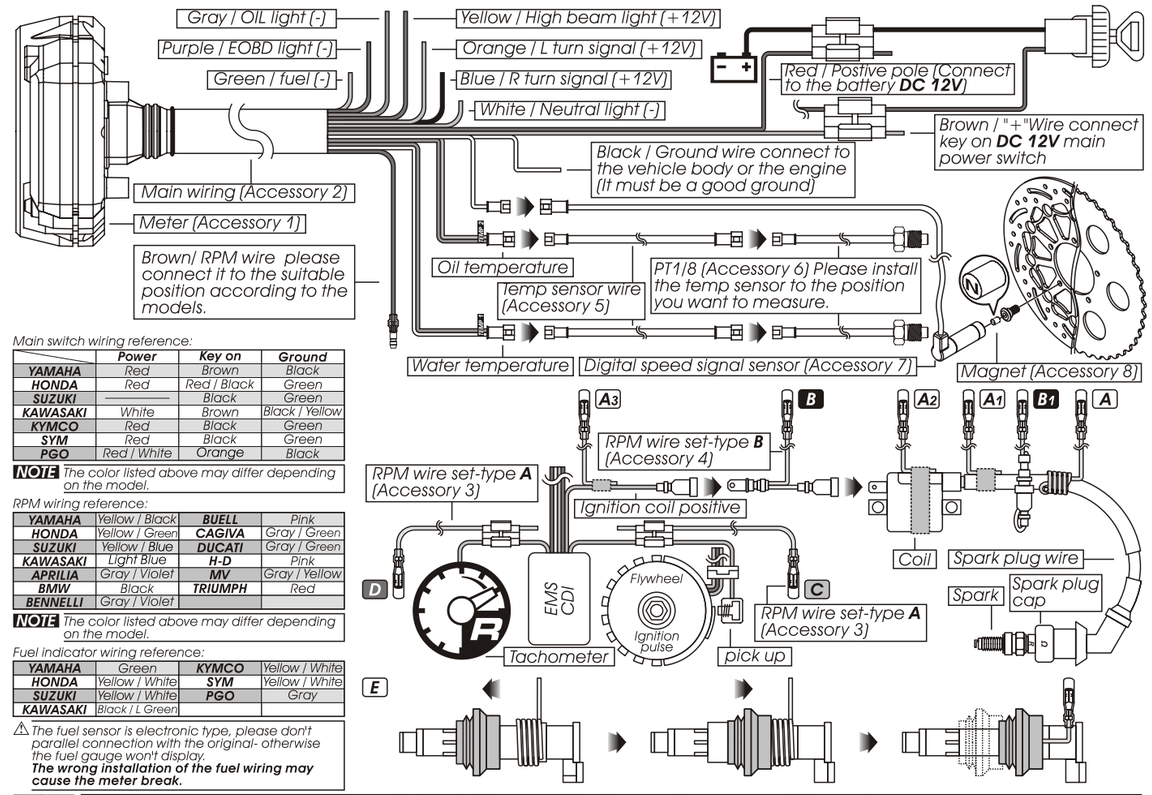


M10 X P1.0
M12 X P1.5
M14 X P1.25
M14 X P1.5
M16 X P1.5 / M18 X P1.5

12 Temp sensor wire set (2 M)

NOTE Some of the option accessories may not sell. For the details, please contact the local distributor.

2-1 Wiring installation instructions



Main switch wiring reference:

	Power	Key on	Ground
YAMAHA	Red	Brown	Black
HONDA	Red	Red / Black	Green
SUZUKI	———	Black	Green
KAWASAKI	White	Brown	Black / Yellow
KYMCO	Red	Black	Green
SYM	Red	Black	Green
PGO	Red / White	Orange	Black

NOTE The color listed above may differ depending on the model.

RPM wiring reference:

YAMAHA	Yellow / Black	BUELL	Pink
HONDA	Yellow / Green	CAGIVA	Gray / Green
SUZUKI	Yellow / Blue	DUCATI	Gray / Green
KAWASAKI	Light Blue	H-D	Pink
APRILIA	Gray / Violet	MV	Gray / Yellow
BMW	Black	TRIUMPH	Red
BENNELLI	Gray / Violet		

NOTE The color listed above may differ depending on the model.

Fuel indicator wiring reference:

YAMAHA	Green	KYMCO	Yellow / White
HONDA	Yellow / White	SYM	Yellow / White
SUZUKI	Yellow / White	PGO	Gray
KAWASAKI	Black / L Green		

⚠ The fuel sensor is electronic type, please don't parallel connection with the original- otherwise the fuel gauge won't display.
The wrong installation of the fuel wiring may cause the meter break.

NOTE The temperature will disappear if you don't install & connect the temperature sensor with the meter.

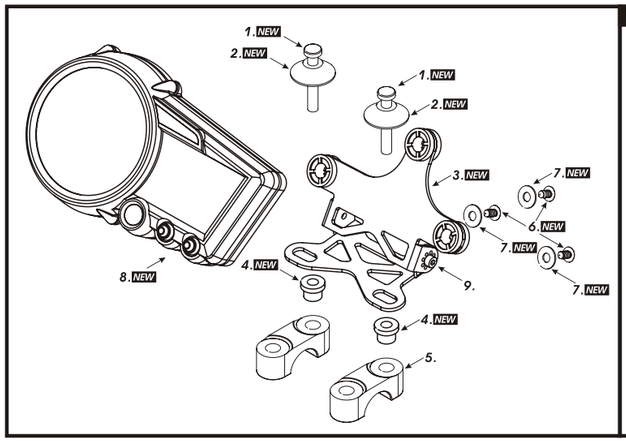
NOTE When connecting the power wiring, please follow the instruction. If you connect the red & brown wiring in parallel will cause the meter work improperly.

⚠ The RPM wire installation

A. Please wrap the RPM wire at least 5 times around the spark plug.
A1. Please use tape to fix the RPM (Type **A**) wire onto the spark plug wire.
A2. Please use tape to fix the RPM wire (Type **A**) on the spark plug cap.
A3. Please use tape to fix the RPM wire (Type **A**) on the coil positive pole wire. For some models with the coil negative wire, please tape the RPM wire (Type **A**) on the negative wire to get the RPM signal. (For example, the YAMAHA V-max 1200)
B. Please connect the RPM wire (type **B**) to connect to the ignition coil positive pole.
B1. Please wrap the RPM wire (type **B**) on the spark plug wire by connecting the male and female connector.
C. Please connect the RPM wire (Type **A**) to the pick up.
D. Please parallel the RPM wire (Type **A**) with the original tachometer signal wire (This method is available only when the original speedometer comes with a tachometer on it. You could get the RPM wire information from the service manual of your bikes.)
E. For the models comes with the new ignition coil, please wrap the RPM wire (Type **A**) at least 5 times around the spark plug as the above drawing.

For multi-ignition models, we will suggest you to get the signal on the first ignition.
The best signal source will be in order as D>C>B>A, we will suggest you to check different ways if you have problems to get the RPM signal.

2-2 Installation instructions



When installing, please follow the process

1.M6 or M8 screw X 2 (Accessory 18.19)
2.M6 or M8 aluminum screw bush X 2 (Accessory 20.21)
3.Bracket (Accessory 15)
4.M6 or M8 gasket X 2 (Accessory 22.23)
5.Handle bar bracket

NOTE You could also install it (meter bracket) on the original meter bracket.

6.M5 screw X 3 (Accessory 16)
7.M5 gasket X 3 (Accessory 17)
8.Meter (Accessory 1)
9.Meter bracket micro-adjustment screw

NOTE You could choose the angle first and then use the screw to fix the angle.

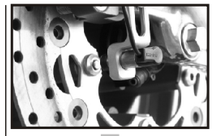
NOTE The handle bar bracket screw and screw hole will differ depending on different model. We suggest you to use the additional assembly (item 1.2.4) to fit it.

MOTO / SCOOTER S type speed sensor bracket instruction

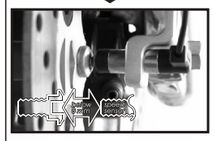
Put the magnet into the brake disc screw hole.

Install the s type sensor bracket.

Adjust the sensor bracket position to make sure that the sensor could face the magnet to prevent bad speed signal or no signal!



Install the speed sensor on the bracket.



*Adjust the distance between sensor and magnet. We suggest you to make sure the distance is under **8 mm** for catching good speed signal.*

MOTO / SCOOTER L type speed sensor bracket instruction

Put the magnet into the brake disc screw hole.

Please install the L bracket and the anti-slip rubber on the front fork and adjust it to the proper height and angle.

Please use the cable tie to fix the bracket on the front fork. Please make sure the disc screw could pass the hole on the bracket for you to install the sensor into the same hole for catching the speed signal.

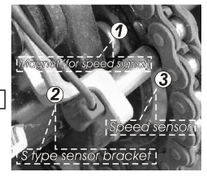
Install the speed sensor on the bracket.

*Adjust the distance between sensor and magnet. We suggest you to make sure the distance is under **8 mm** for catching good speed signal.*

ATV S type speed sensor bracket instruction

1. *Put the magnet into the brake disc screw hole.*
2. *Install the s type sensor bracket. Adjust the sensor bracket position to make sure that the sensor could face the magnet to prevent bad speed signal or no signal!*
3. *Install the speed sensor on the bracket. Adjust the distance between sensor and magnet. We suggest you to make sure the distance is under **8 mm** for catching good speed signal.*

NOTE *About the setting, please refer to **4-7** tire circumference and sensor point setting.*



P.S. Try it!

*The more magnet sensor points are, the less the display interval is. when installing the magnet, please put the magnet with **N**-mark side face the outside and put them averagely to avoid wrong signal.*
EX. 1: If your disk has 3 screws, you could install 1 or 3 magnets to catch the speed.
EX. 2: If your disk has 4 screws, you could install 1、2 or 4 magnets to catch the speed.
EX. 3: If your disk has 5 screws, you could install 1 or 5 magnets to catch the speed.
EX. 4: If your disk has 6 screws, you could install 1、2 、3 or 6 magnets to catch the speed.
After finishing the magnet installation and sensor point setting, please move your tire to test the speedometer work or not.