

DETONATION COUNTER

Installation Instructions:

1. Affix the detonation counter in location indicated by the illustration below using tie wraps or double-sided tape. The unit can also be attached next to the tachometer in the same fashion.
2. Attach the ground wire to the radiator stay.
3. Connect the included junction harness to the coupler from the tachometer for power.
4. With the recessed washer of the sensor facing upwards, torque the plug down to 2.5 kg/m.

NOTE: Be sure to use a needle type torque wrench to ensure the plug is tightened the proper amount every time. Changes in the amount of torque can result in different detonation counts as the unit uses a pressure sensor.

5. Connect the sensor coupler #1 to the left cylinder and #2 to the right cylinder.
6. Secure all harness wires with tie wraps.

Directions

1. The counter unit has an internal battery which allows it to keep displaying 1 – 2 hours even after the engine is stopped.
2. The display will disappear after several hours of being inoperative, but will recharge once the engine is started again.
3. Be sure to reset the unit to zero with the reset button before riding.
4. Conduct setting based on a maximum of 5 times/ km with a target of 1-2 times/ km. For example, in the case of a 15 laps at a 4.2 km circuit:

Counter Reading	# 1	23
	# 2	33
# 1	$23 \div (4.2 \times 15) = 0.4 \text{ times/km}$	
# 2	$33 \div (4.2 \times 15) = 0.5 \text{ times/km}$	

NOTE: Detonation count differs with rider ability, riding style and circuit conditions. Be sure to check how the piston is burning in correlation with the detonation count while dialing the bike in.

Installation Diagram

