



## **Gear Change Cluster**

Honda RS125 / Honda RS250

### **Overview**

A Red and Green 'change gear now' indicator with 16 rpm settings selected by a switch. Units with different ranges of RPM are available to suit different fuels or riders etc, each has 16 settings in 100RPM steps.

### **Operation**

On the RPM rising above the RPM point selected the Cluster is illuminated, as the RPM falls 100 rpm below the set point the Cluster will extinguish



### **Connections**

In the noise cone to the tachometer wiring:

- Green to taco green
- Blue to taco blue
- Black to taco black

Mount the Cluster in the dashboard foam, the rear of the cluster has a M3 threaded hole, the control unit has a self adhesive Velcro pad to allow mounting to the CDI unit.

### **Range Selection**

See tables below and specify range on ordering, if a different range or rpm step is required please ask.

### **Specifications:**

Voltage range	11V to 18V
Input Current illuminated	50mA nominal, 100mA max
Input Current not illuminated	2mA nominal, 10mA max
Cluster size	26mm
Viewing angle	40 degrees
Indicators	14, 6 red and 8 green
Brightness	2000 - 4000 mcd
Temperature range	-10degC to +60degC
Weight	Approx 80g
RPM step size	100RPM
RPM Hysteresis	100RPM

TYPE A : 11,500 – 13,000	<u>Switch Position</u>	<u>Illumination RPM</u>
	0	11,500
	1	11,600
	2	11,700
	3	11,800
	4	11,900
	5	12,000
	6	12,100
	7	12,200
	8	12,300
	9	12,400
	10	12,500
	11	12,600
	12	12,700
	13	12,800
	14	12,900
15	13,000	

TYPE B : 12,000 – 13,500	<u>Switch Position</u>	<u>Illumination RPM</u>
	0	12,000
	1	12,100
	2	12,200
	3	12,300
	4	12,400
	5	12,500
	6	12,600
	7	12,700
	8	12,800
	9	12,900
	10	13,000
	11	13,100
	12	13,200
	13	13,300
	14	13,400
15	13,500	

TYPE C : 12,500 – 14,000	<u>Switch Position</u>	<u>Illumination RPM</u>
	0	12,500
	1	12,600
	2	12,700
	3	12,800
	4	12,900
	5	13,000
	6	13,100
	7	13,200
	8	13,300
	9	13,400
	10	13,500
	11	13,600
	12	13,700
	13	13,800
	14	13,900
15	14,000	

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