

Gear Change Cluster

Honda RS125 / Honda RS250

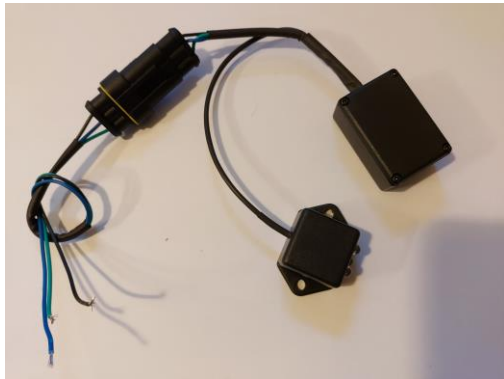
updated Feb24

Overview

A Red '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 on the bubble use screws or Velcro

Mount the control unit with a self adhesive Velcro pad to the Cdi unit or bubble

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	150mA nominal, 200mA max
Input Current not illuminated	2mA nominal, 5mA max
Cluster size	25mm x 20mm x 25mm, 45mm flange
Viewing angle	20 degrees
Indicators	5 red
Brightness	5000 - 7000 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
	A	12,500
	B	12,600
	C	12,700
	D	12,800
	E	12,900
	F	13,000

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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
	A	13,000
	B	13,100
	C	13,200
	D	13,300
	E	13,400
	F	13,500

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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
A	13,500
B	13,600
C	13,700
D	13,800
E	13,900
F	14,000

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Special order : 12,800 – 13,300	<u>Switch Position</u>	<u>Illumination RPM</u>
	0	11,800
	1	11,900
	2	12,000
	3	12,100
	4	12,200
	5	12,300
	6	12,400
	7	12,500
	8	12,600
	9	12,700
	A	12,800
	B	12,900
	C	13,000
	D	13,100
	E	13,200
	F	13,300

Special order : 12,200 – 13,700	<u>Switch Position</u>	<u>Illumination RPM</u>
	0	12,200
	1	12,300
	2	12,400
	3	12,500
	4	12,600
	5	12,700
	6	12,800
	7	12,900
	8	13,000
	9	13,100
	A	13,200
	B	13,300
	C	13,400
	D	13,500
	E	13,600
	F	13,700

Special order : 13,000 – 14,500	<u>Switch Position</u>	<u>Illumination RPM</u>
	0	13,000
	1	13,100
	2	13,200
	3	13,300
	4	13,400
	5	13,500
	6	13,600
	7	13,700
	8	13,800
	9	13,900
	A	14,000
	B	14,100
	C	14,200
	D	14,300
	E	14,400
	F	14,500