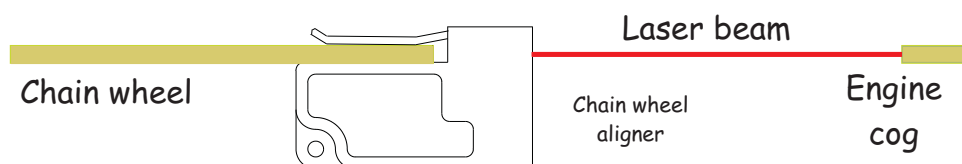


Chain-Wheel Aligner

Just clip it to the chain-wheel and check the laser on the engine cog

The new R3 Chain Wheel Aligner helps you to align your chain like never before. No more fiddling around with straight edges that are difficult to hold, or using line of sight, which seems to be different for everyone. Now an unambiguous and scientific way to align your chain - QUICKLY and EASILY.



Clip the Chain wheel aligner to the rear chain wheel.
The laser spot should be central to the engine cog.

The battery is accessible by removing the 4 front screws.
Fit only a Lithium battery type CR 1/3N.
NOTE THE BATTERY POLARITY!!
Remove the battery by using a bent paper clip or similar item. Do not overtighten the screws. This product is not waterproof.
Keep dry.

R3 Racing

www.r3racing.co.uk
email: sales@r3racing.co.uk

Patents pending

Gear ratios

Axle teeth	Teeth on engine cog				
	9	10	11	12	13
99	11.00	9.90	9.00	8.25	7.62
98	10.89	9.80	8.91	8.17	7.54
97	10.78	9.70	8.82	8.08	7.46
96	10.67	9.60	8.73	8.00	7.38
95	10.56	9.50	8.64	7.92	7.31
94	10.44	9.40	8.55	7.83	7.23
93	10.33	9.30	8.45	7.75	7.15
92	10.22	9.20	8.36	7.67	7.08
91	10.11	9.10	8.27	7.58	7.00
90	10.00	9.00	8.18	7.50	6.92
89	9.89	8.90	8.09	7.42	6.85
88	9.78	8.80	8.00	7.33	6.77
87	9.67	8.70	7.91	7.25	6.69
86	9.56	8.60	7.82	7.17	6.62
85	9.44	8.50	7.73	7.08	6.54
84	9.33	8.40	7.64	7.00	6.46
83	9.22	8.30	7.55	6.92	6.38
82	9.11	8.20	7.45	6.83	6.31
81	9.00	8.10	7.36	6.75	6.23
80	8.89	8.00	7.27	6.67	6.15
79	8.78	7.90	7.18	6.58	6.08
78	8.67	7.80	7.09	6.50	6.00
77	8.56	7.70	7.00	6.42	5.92
76	8.44	7.60	6.91	6.33	5.85
75	8.33	7.50	6.82	6.25	5.77
74	8.22	7.40	6.73	6.17	5.69
73	8.11	7.30	6.64	6.08	5.62
72	8.00	7.20	6.55	6.00	5.54
71	7.89	7.10	6.45	5.92	5.46
70	7.78	7.00	6.36	5.83	5.38

How to calculate your speed in MPH

$$\frac{\text{RPM} \times 60 \times \text{Rear tyre circumference (in inches)}}{\text{Ratio} \times 63,360 \text{ (inches in mile)}} = \text{Speed in MPH}$$

How to calculate your speed in KPH

$$\frac{\text{RPM} \times 60 \times \text{Rear tyre circumference (in cm)}}{\text{Ratio} \times 100,000 \text{ (cm in km)}} = \text{Speed in KPH}$$

1 Mile = 63360 Inches	1 km = 1000000 mm
1 Mile = 5280 Feet	1 km = 100000 cm
1 Mile = 1760 Yards	1 km = 1000 Metres
1 Inch = 2.54 cm	1 cm = 0.3937 inches
1 Foot = 30.48 cm	1 Metre = 39.37 Inches
1 Mile = 160934 cm	1 km = 3280 Feet
1 Mile = 1609 Metres	1 km = 1093 Yards
1 Mile = 1.6 km	1 km = 0.621 Miles

Use a bent paper clip to remove battery.
Push under battery.
Twist and pull to remove.

R3 Racing

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