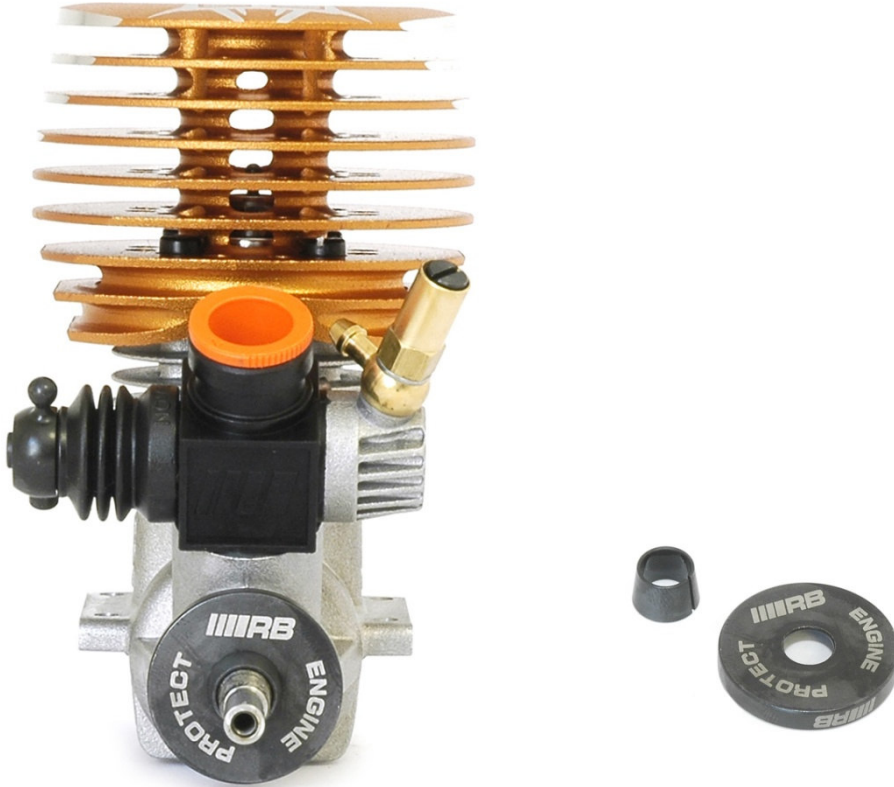


## RB Engine Protect :

#02010-001

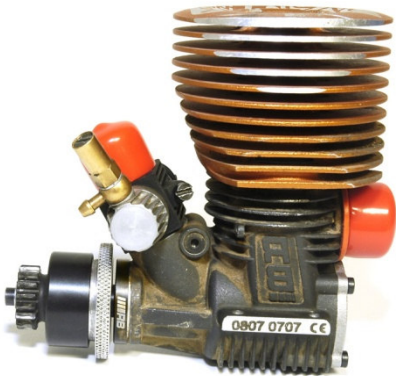


In order to protect your bearing and therefore your engine efficiently, RB created the Engine Protect. As everybody knows, bearings are not 100% hermetic and that, to allow the necessary play needed by the crankshaft. RB offers a proven solution tested during long hours spent at the track providing a significant result. Protecting your engine from dust, water and all other outside aggression is essential for better performance and longer life: this is now possible.

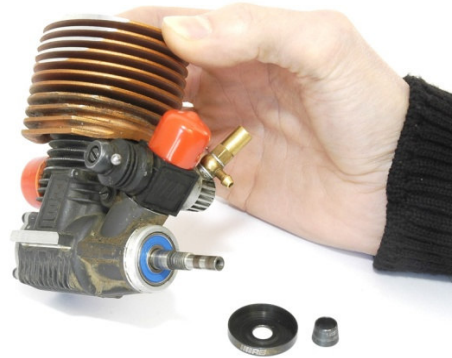
As we noticed during our tests, this part prevents any flame out due to the incursion of a stone behind the flywheel as the Engine Protect turns. The Engine Protect fits most of the .21 and .28 engines whatever the brand.

To summarize, the Engine Protect that's:

- A protected bearing
- A longer lasting engine
- Less risk of flaming out
- Machined and treated steel part
- Comes with a cone
- Weight = 2.4 grams
- Fits most of the .21 and .28 engines



This engine ran 7 hours on two different tracks with a lot of dust.



After disassembling the clutch, we remove the engine protect and find out that the front of the engine and the bearings are clean, even after 7 hours of use!

Let's have a look at two different front bearings which ran same days on the two same tracks. One with the RB Engine Protect and one without:

### WITHOUT ENGINE PROTECT :



There is dust inside, even in a front double rubber sealed bearing.

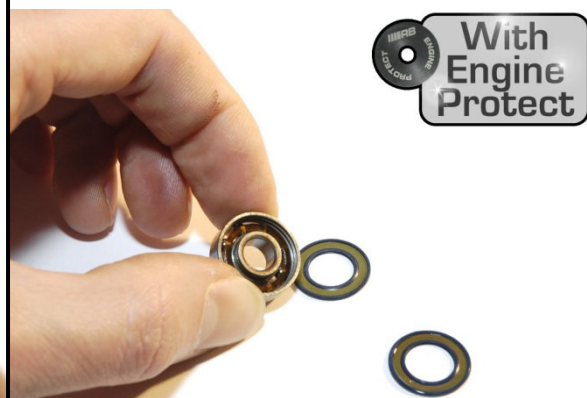


By removing the second rubber shield, we can see a lot of dust inside..

### WITH RB ENGINE PROTECT :



It's clean, no dust.



Still no dust



Balls are very used and dust mixed with oil formed a kind of paste.



On a standard double rubber sealed bearing, the same thing happened: used balls and mix of oil and dust. The bearing couldn't work anymore.



Balls are clean and shine. No dust.



Same type of bearing with Engine Protect. Balls shine and the bearing is ok. Thank you Engine Protect!!

RC engines don't like dust. Bearings, Piston/Sleeve and crankpin wear out prematurely when the dust gets inside the engine. This creates many problems (compression loss, etc...) and high repairing costs.

RB recommends the Engine Protect for Buggy and Truggy.

PS: The RB Engine Protect can also be very useful in 1/8 On-road when it's raining. This prevents water from entering through the front bearing.

The R&D Team