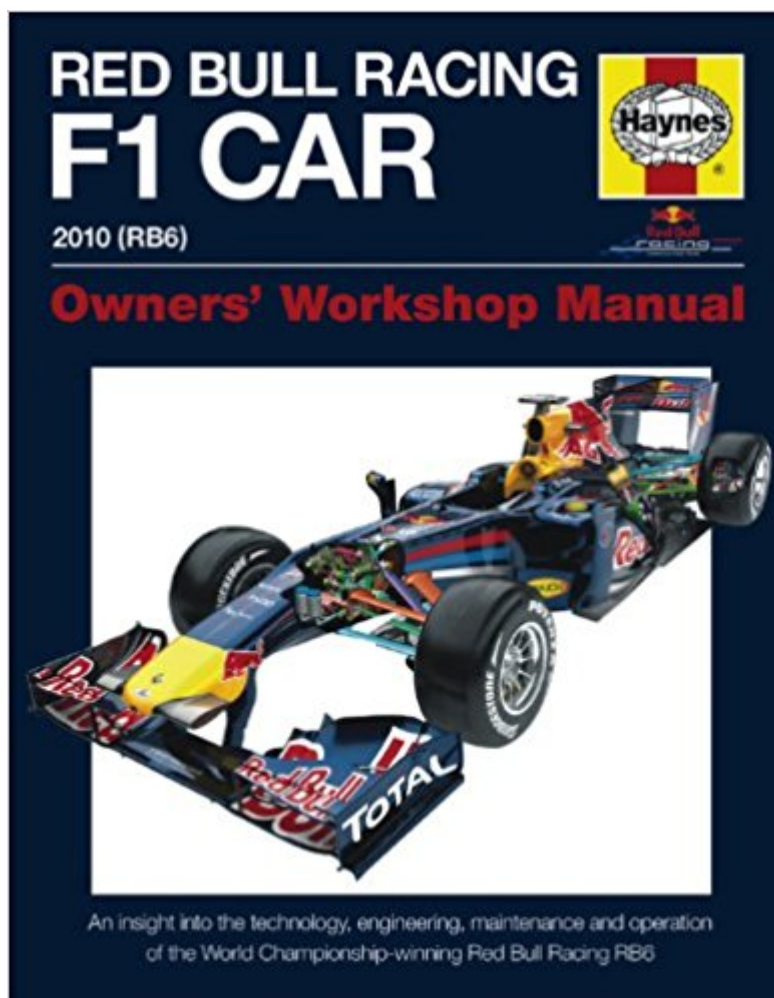


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# Red Bull Racing F1 Car: An Insight Into The Technology, Engineering, Maintenance And Operation Of The World Championship-Winning Red Bull Racing RB6 (Owners' Workshop Manual)





## Synopsis

After the closest-fought season in F1 history, Sebastian Vettel became the youngest-ever World Champion. His car, the Red Bull RB6, the work of a team led by legendary F1 designer Adrian Newey, was the envy of the paddock, proving to be consistently faster than its rivals over the season. In this fascinating book, the Red Bull RB6 receives the Haynes Manual treatment, providing an unprecedented insight into the design, technology and engineering of an F1 car as well as the inner workings of Red Bull Racing.

## Book Information

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## Customer Reviews

Steve Rendle has worked for Haynes Publishing for 20 years, first as a technical author of car manuals and now as an editor, managing the publication of a wide range of car-related books.

Red Bull Racing F1 Car - Owner's Workshop Manual Just a caveat, although Haynes publishes excellent workshop manuals that offer a complete teardown of the vehicle with maintenance procedures, this book is more like the Red Bull Racing Teams RB7 Hayne's pamphlet. It is packaged to look like a Haynes manual, but is more like a high-level look at the RB6 and the technical characteristics of the Red Bull F1 cars. There are some photographs where an older RB car is used to prevent proprietary/secret designs from being released. If you're interested in Formula 1 cars and would like to know a bit more about what goes on with the design of the car, and from

the perspectives of the mechanic, engineer, and driver, this book is highly recommended. If you want more engineering detail, this book won't help. It is more of a "behind the scenes" book, with gratuitous photographs of sexy Formula 1 car parts. I envy the Red Bull racing team's garage layout, complete with a mini-refrigerator with Red Bull beverages for EACH car stall! The tools and engineering that goes behind each car is absolutely amazing. The telemetry is read and processed at Red Bull HQ in a mission control room that puts NASA to shame. Just looking at the Red Bull team, there is an unparalleled level of passion, professionalism, precision, and performance within the team and its efforts in the cars. I've seen bits and pieces about how Ducati Corse operates their Superbike and MotoGP teams, as well as Scuderia Ferrari and Formula 1. These are probably the highest levels of professional motorsports, and they are not kidding around. These teams make Government and military research and development programs look like shade-tree operations. It is not surprising that competition drives each of the teams towards perfection, and in the process, they are highly developed and organized programs. I got quite a few ideas just from reading this book that I hope to apply in my job, but it is unlikely any of them would see fruition based on the organizational culture. Reading this book really inspired me and challenged me to try and aspire to become more like these Formula 1 teams. Overall: 4/5 stars, lots of photographs, diagrams, and cut-away illustrations. If you're looking for in-depth technical data ala a Haynes manual, you won't find it here. Nonetheless, it belongs on your shelf if you're a gearhead/petrol head or into Formula 1 or motorsports.

I like to call myself one of the few US Formula One fans, and was excitedly looking forward to this book the second it was announced. (For contrast, my pal that is into Indy gave me a confused blank look when I told him excitedly about this) The Haynes Manual for the RB6 is pretty darn good--not like a real Haynes manual, but it is certainly still informative nonetheless. The manual is broken down into several sections--"The Red Bull Racing Story", the anatomy of the RB6, and then sections on the views of the designers, engineers, and the drivers, and how they contribute to the car. It gives a real high level yet in depth insiders view of how a Formula 1 team operates. Fantastic features of the book are the large full color spreads and detailed descriptions of the various parts of the car. In my few years of following Formula One, I have never found a quicker and more detailed reference guide to the sport of Formula One and its operations. Some blogs on the internet are great at breaking down the politics and the technical side of the sport, but this manual puts it together in one clear, concise, and easy to understand manual that will happily sit on your coffee table while you're watching Webber overtake Schumacher on Eau Rouge. My only wish for this book

to improve (were there to be a RB7 or "future" version) is that it accurately labels pictures. Some images shown are of older cars repainted to look like the RB6, as well as shots of old parts that claim to be parts of the RB6. I don't think there is any need at all to hide this fact, it can be very simply explained with a simple "Formula 1 is a highly secretive sport, so some pictures used within the book are older parts in order to obscure technological advances from competing teams." Instead, they went with "LOOK, IT'S AN RB6 PART. Is it enough for it to lose a star? No, because the book is of such high quality that this pedantry is only going to be noticed by the most obnoxious Formula One purists who can only explain the differences between an RB6 and RB7 in no less than a 10 page essay. Overall, this book gets full marks for me, and will certainly be a christmas gift for a few F1 friends of mine.

Beautiful book!! very insightful on how a F1 car is assembled. Must read for an F1 fan as well as automotive enthusiast.

Every mechanical tech head needs this beautiful full color book to add credence to his all consuming interest in things mechanical and perfectly executed. The thousands of man hours spent on these mechanical thoroughbreds often boil down to a hundred mechanical changes unnoticed by the casual observer. Each change in each piece is executed with the highest level of precision. Machining of parts to 10 thousands of an inch, perfect welds executed in the most exotic materials. Each part hand finished and installed in a precise location. The photos and graphics are coupled with clear descriptions of the thinking and reasoning that goes into these ultimate expressions of mans ability to create single use machines of sublime beauty and functionality.

Excellent choice if you are a Formula 1 fan, and even better if you are a true Red Bull Racing follower. Gives a lot of inside details about car design and manufacturing as well as information about team operation and structure. It has a very easy reading and explains some interesting engineering concepts in a very easy way. The book is full with illustrations which makes concepts understanding even easier. The only downside is it is not about the RB7 but the RB6 was also a great model and a champion car.

Great insight into the RB6. Illustrations are aplenty and descriptions and easy to understand. Would love if they made a book for the latest RB cars.

I'm a very new fan of F1 racing and this book provides great insight into the technologies and teams. Great pictures, diagrams and writing document the significant accomplishments of the Red Bull F1 team.

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