

A.B.C. CARRERA

1/12 CAR

Radio Race Car looks at this new 1/12 contender from ABC Hobby.



Sky Car Services are a new name to the world of r/c racing, however in the short time that they have been with us some great products have been available from the guys from Dublin, Hirobo, MY Motors, sensibly priced, well produced twelfth scale cars and now a no nonsense, top of the range twelfth car from ABC, the Carrera 4WS.

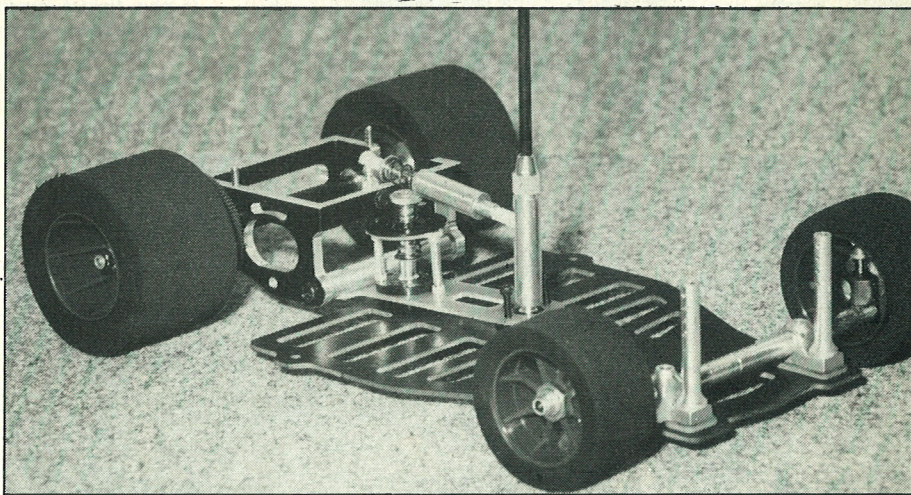
One thing that is obvious from the second you open the box is the superb quality of all the parts, aluminium is the main ingredient for items such as suspension blocks, motor pod, axle, etc., the chassis being manufactured in carbon fibre.

Assembly

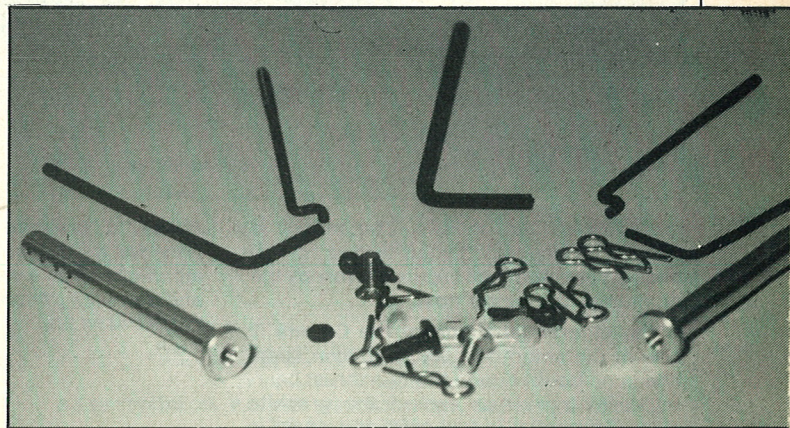
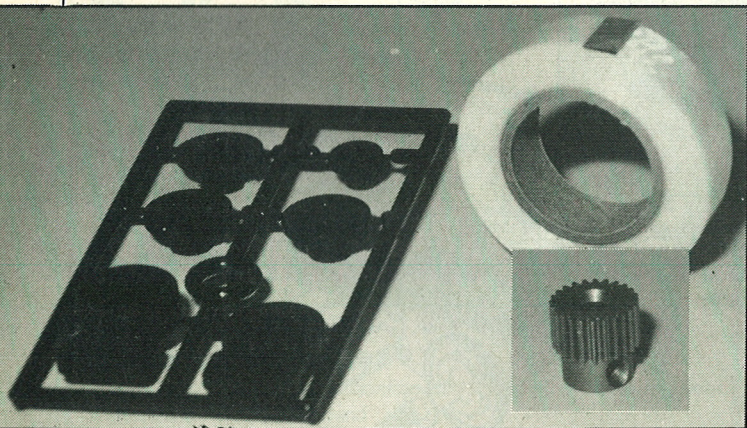
The Carrera is a delight to assemble, no filing, scraping or adjusting of the basic kit parts was found to be necessary, everything fitted securely into place with watch like precision. Work begins on the front suspension blocks, these are held in place using aluminium flatscrews which lie perfectly flat with the chassis underside,

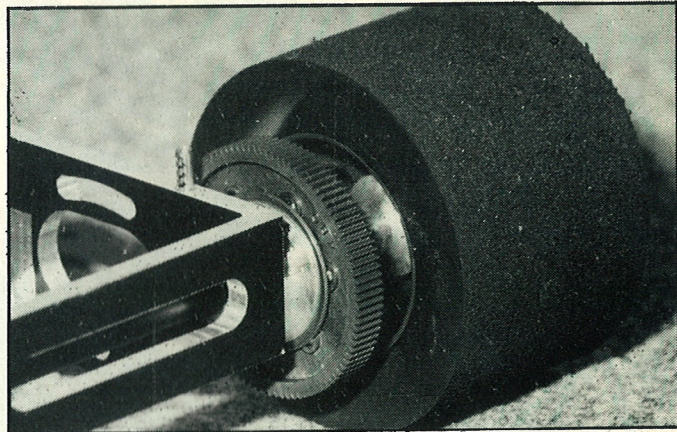
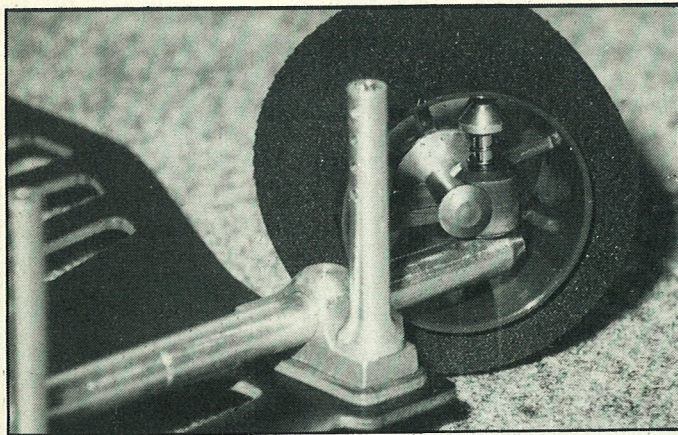
thanks to the extensive chamfering that has been carried out. Once these are fitted, the front body mounts and axle are fixed in place, the axle is held secure using a grub screw which locates on a flat on the

axle. Springs, kingpins and ballraces are then fitted bringing the front end assembly to a close. A twin ball socket arrangement is used in conjunction with a swing shaft and twin torsion balance screws to give the



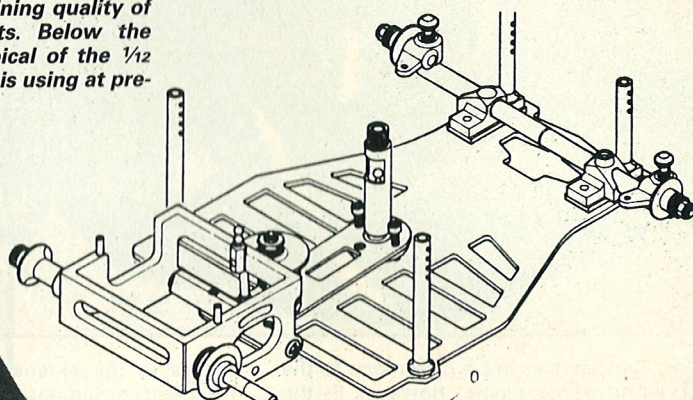
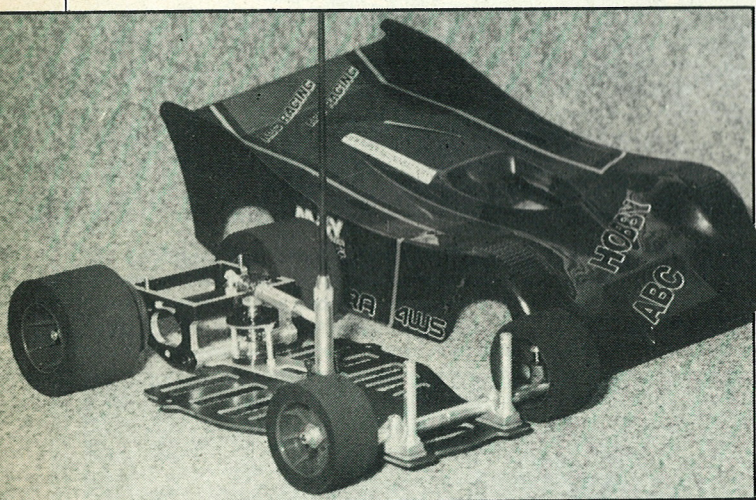
Above, the finished rolling chassis minus radio gear showing well the quality of the ABC product. Below, all the tools and accessories you need, right down to pinion 64 DP and fibreglass tape for holding batteries in place.



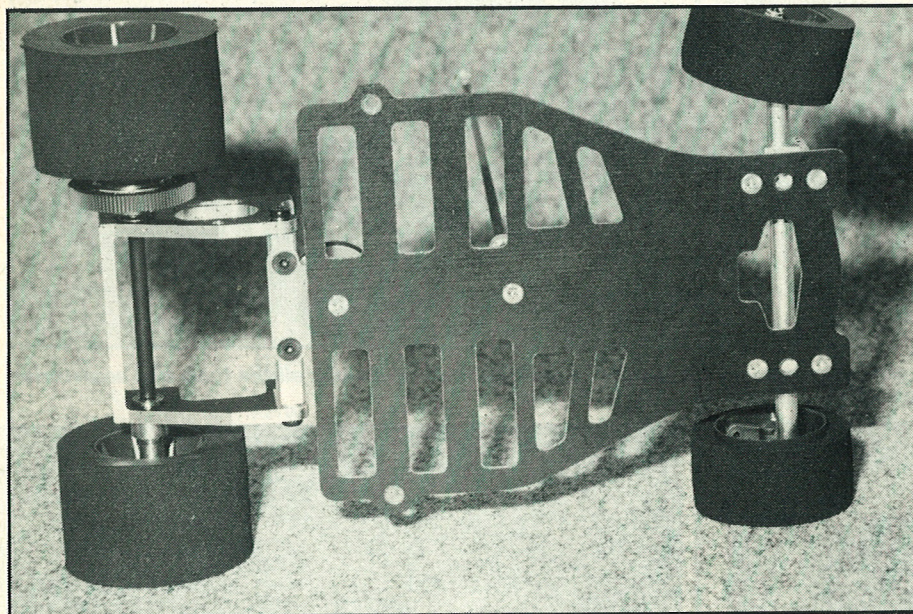
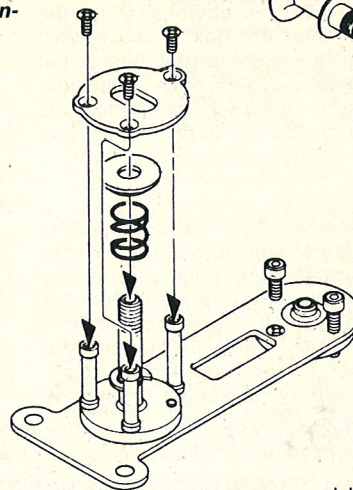
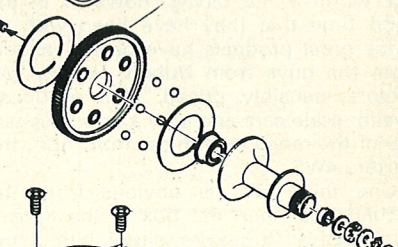


car adjustable ride characteristics and allow you to adjust the car to suit both track conditions and your own style perfectly. The motor mount is a work of art in itself fashioned from aluminium and beautifully finished, it really looks attractive against

Above, fine attention to detail shows up clearly on items such as kingpins and machining quality of all aluminium parts. Below the Carrera shell is typical of the 1/12 shell that everyone is using at present.



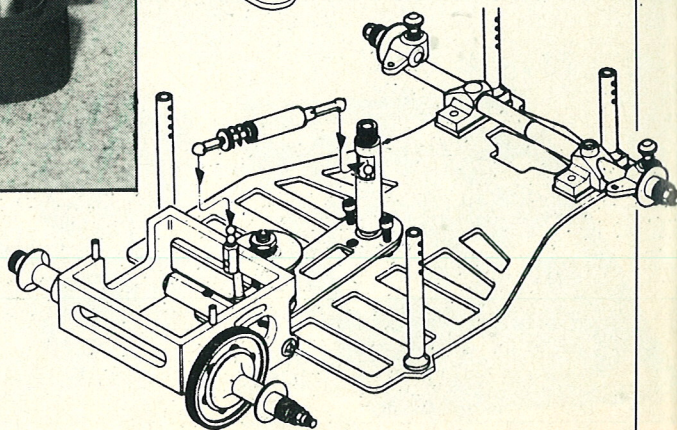
Ball diff assembly is simple, one nice touch is the thrust washer used instead of spacing collars. Below a damper plate accounts for a lot of in-built stability.

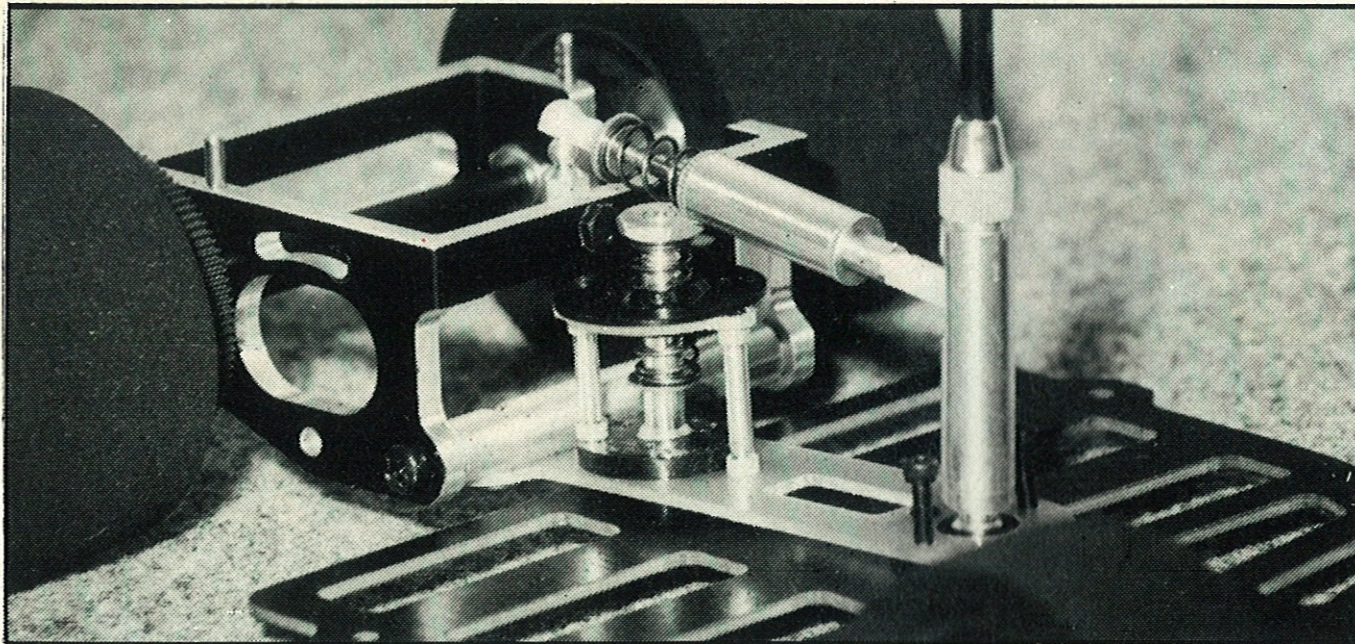


the black carbon chassis. The mount is attached to the swing shaft by two round-head screws and then secured firmly by the damper to the centre post.

The differential action of the Carrera is one of the smoothest we have ever seen, this is no doubt due to the two thrust bearings situated either end of the graphite axle. Differential is ball type and again is

Above, a graphite chassis provides no unwanted flexing. Right, even a well-made and non-leak damper is provided in the kit.





very, very smooth. Assembly of the differential is straightforward providing the clear, precise instructions are followed.

Radio gear is easily installed, if a little fiddley, but perseverance is the key.

Conclusion

With the onset of winter and wet, muddy, freezing circuits to look forward to, twelfth racing would seem one very good way of keeping your thumbs supple. If you should decide to take up the twelfth challenge or are thinking of changing your car for another, take our advice before you make up your mind, take a look at ABC's Carrera, you will like what you see.

Available from Sky Car Services, see advertisement in this issue.