

The SUBARU BRAT

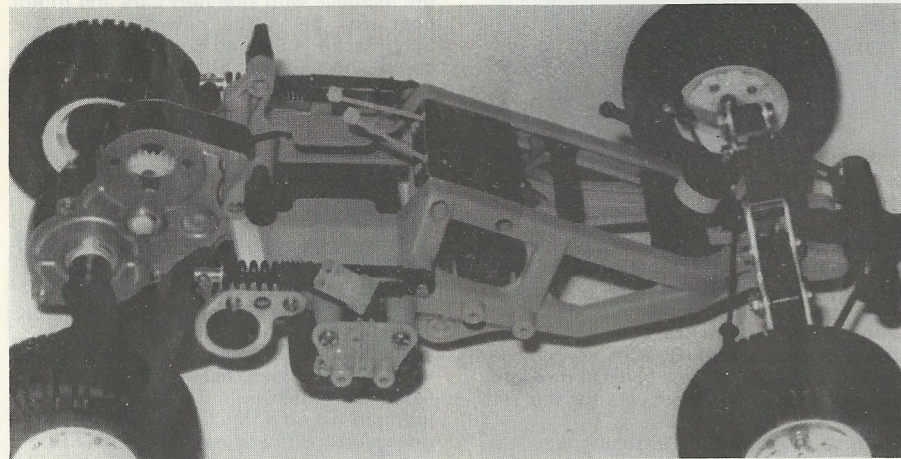
Having kept the secret for some considerable time now, it is a relief to be able to reveal Tamiya's latest challenger — the Subaru Brat. Based on the 4 x 4 go anywhere pickup, this two-wheel drive model version is revolutionary. Its only similarity with any previous models centres around wheels and tyres, speed controller and steering arms — everything else is brand new.

Hastily assembled for the Worlds End 3 Hour Enduro, the cars finished fifth, so read on for full details of this exciting new model.

Upon opening the somewhat smaller box than its predecessors, one finds the usual well packaged components, bubble packs and plastic bags a plenty, containing all the necessary components.

CHASSIS

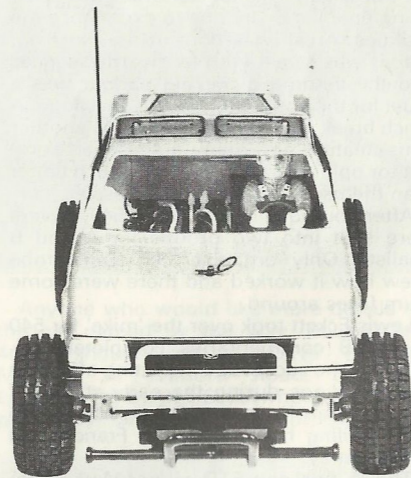
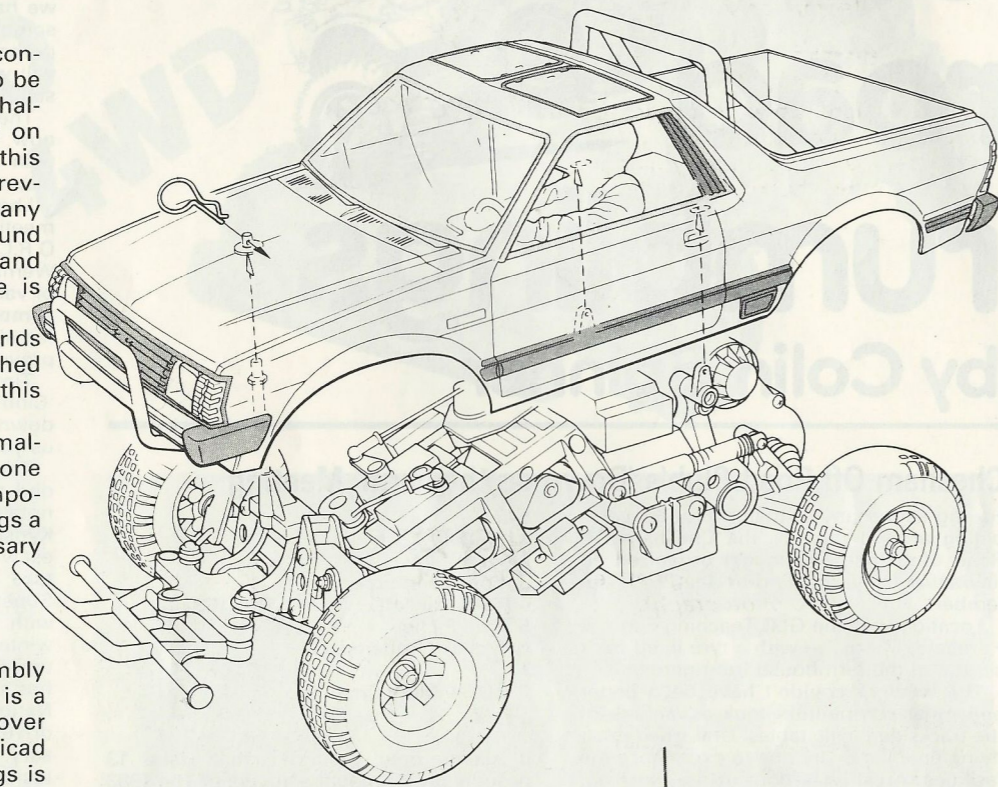
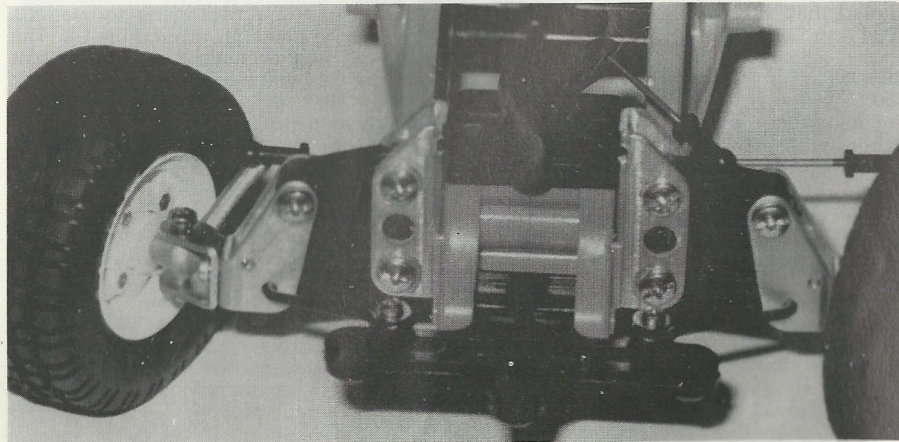
A nylon moulded two-part assembly forms the chassis. Featured also is a hinged battery compartment cover which allows rapid access to the nicad drive battery. Quality of mouldings is very high and offers space frame technology.



Space frame chassis is rigid, light and also gives good access.

FRONT SUSPENSION

This consists of independently sprung wishbones, the pivoting springs neatly tucked away in the confines of the chassis moulding. The damping is controlled by tie rod radius arms whose tension can be rated by adjustment to its mounting bush. No dampers are fitted or offered. It appears they are not needed. Quite considerable differences can be achieved with merely a simple adjustment.



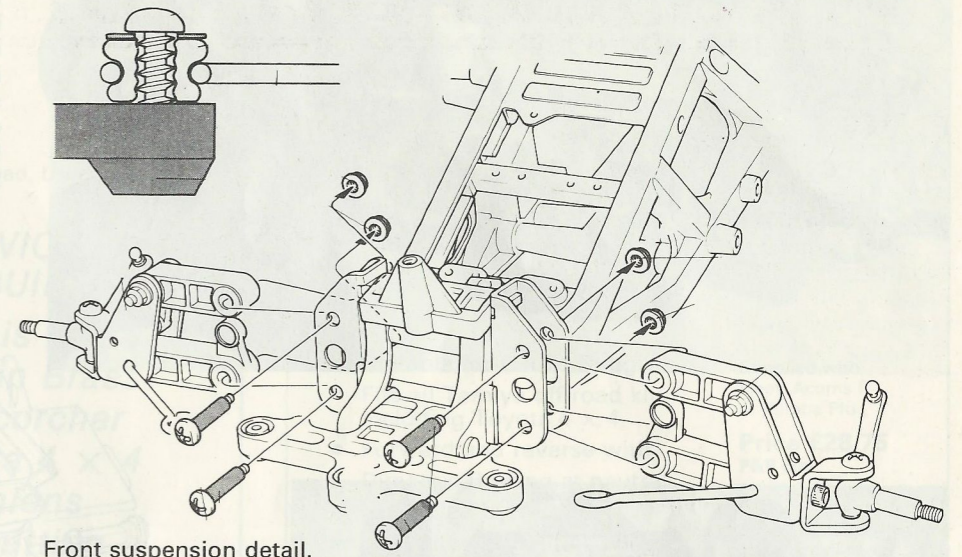
To top it all a nice stylish body.

Front end damping system. If you tighten screw this makes for firm damping — slacken for soft.

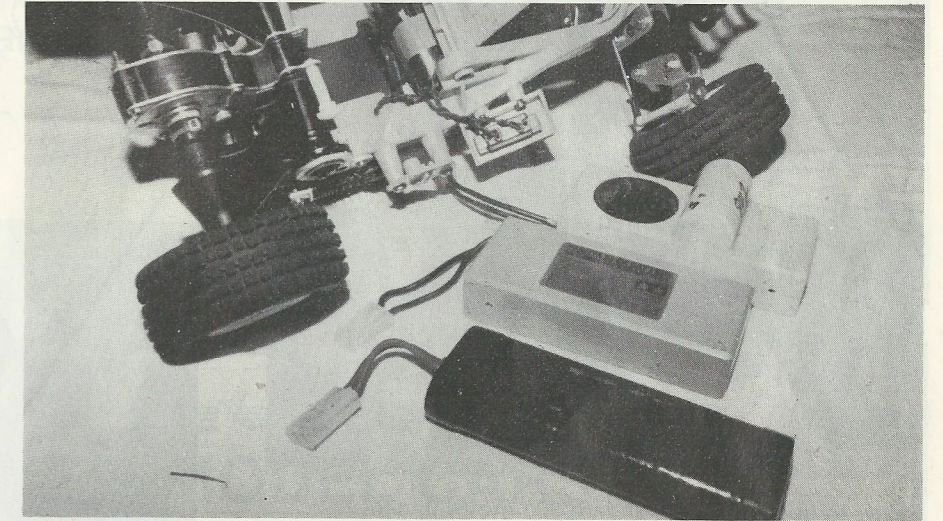
RADIO EQUIPMENT

Designed for two servos, receiver and nicad pack, there is plenty of room for even the largest models. Steering and throttle servos nestle side by side in the centre of the chassis. The rod linkages extend forward for steering and rearwards for speed control connection. The receiver sits neatly in the chassis recess, whilst the receiver nicad pack tucks away in the depths of the drive battery compartment. The on/off switch is protected with a rubber cover and locates to the side of the chassis. A rigid roll over antenna is provided which may be mounted either side of the vehicle. It really works too!

Alternative speed controllers can be easily fitted. Our Star Electronics model is located in the original receiver position (see photograph).



Front suspension detail.

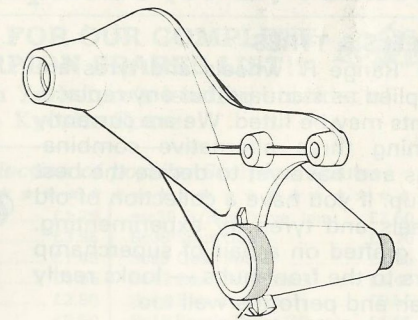


Accepts different size battery packs.

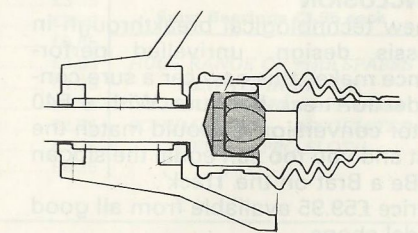
BODYSHELL

A fully detailed injection moulded lightweight three-part styrene bodyshell is fitted. This sits high on the chassis but will appeal to the 'boy racers' amongst you. A driver figure is included together with window mouldings and two alternative colour schemes in the sticker set.

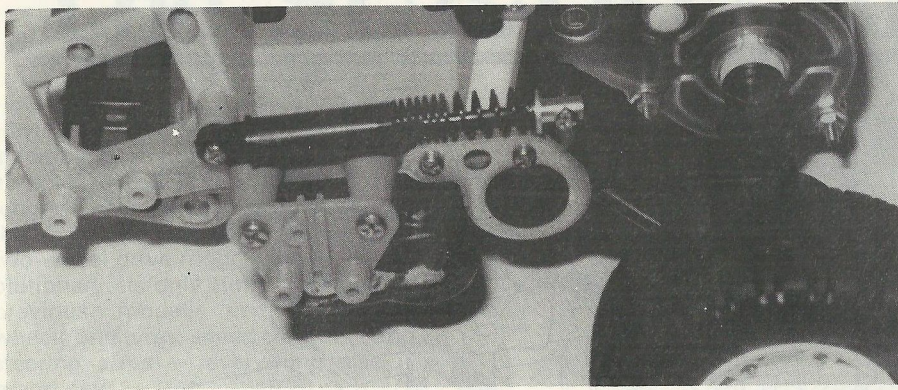
A functional roll bar is fitted. Body fixings use the large 'C' clip and a re-designed front clip gives a secure fitting.



Rear Suspension Trailing Arm.

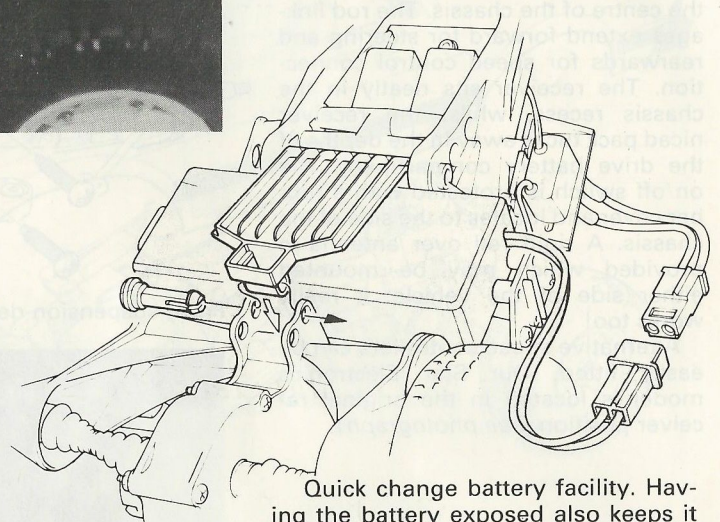


Universal joint.

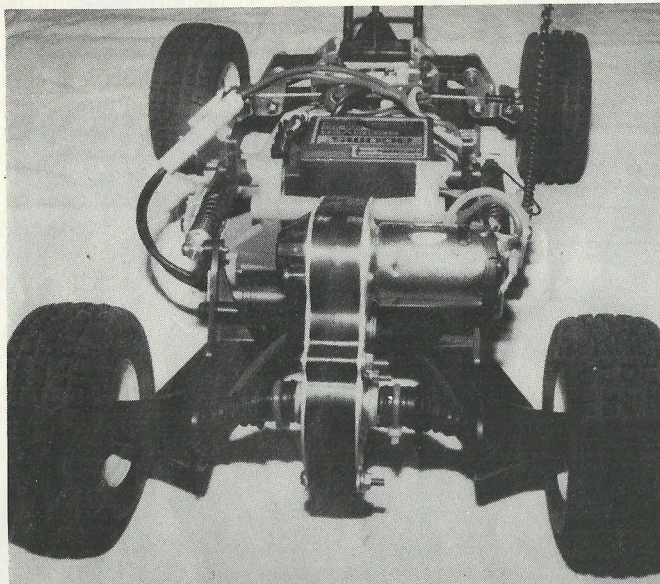


REAR SUSPENSION

Independent trailing arm is the order of the day here. Each arm is supported by an aluminium carrier which secures it to the chassis. Both arms are 'damped' by air filled shock absorbers. Alternative racing quality dampers will be available soon.



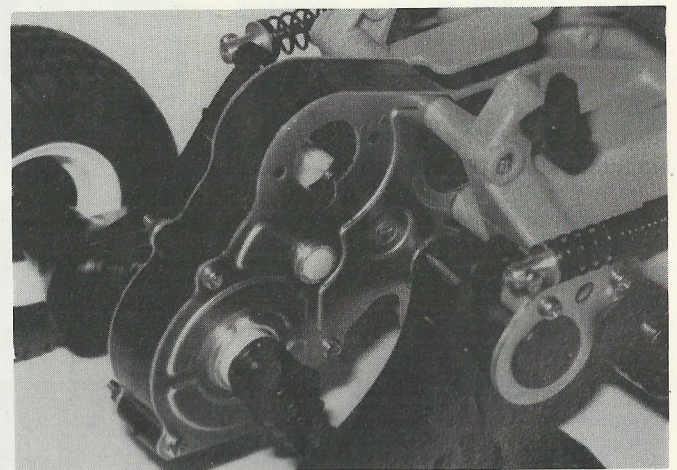
Quick change battery facility. Having the battery exposed also keeps it cool.



Ready to go! With the standard 380 motor in situ.

WHEELS & TYRES

The 'Range R' wheels and tyres are supplied as standard but any replacements may be fitted. We are currently running three alternative combinations and have yet to decide the best set up. If you have a collection of old wheels and tyres try experimenting. I've grafted on a pair of superchamp rears to the front hubs — looks really mean and performs well too.



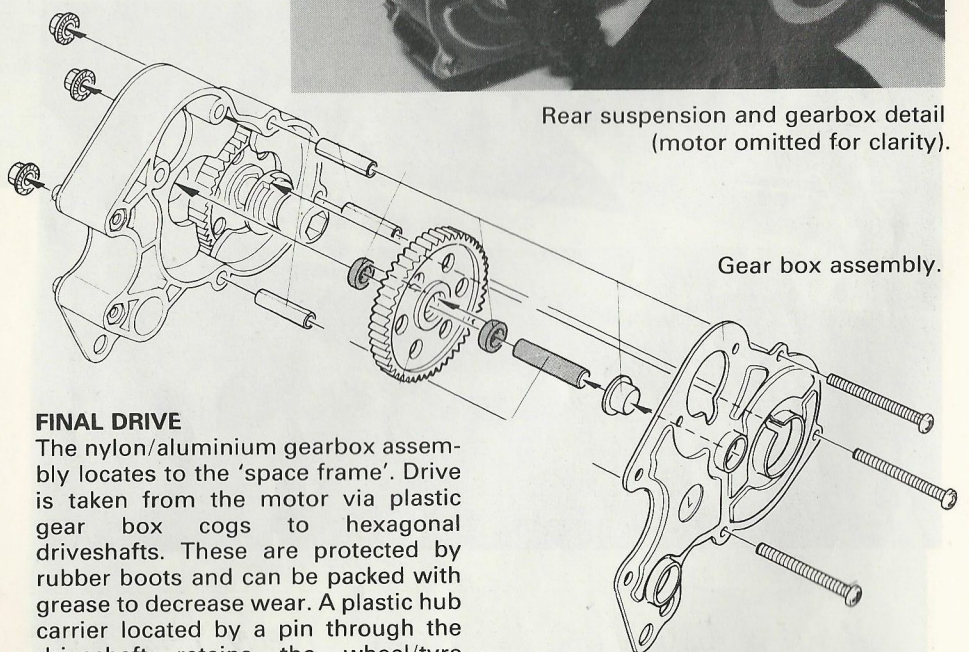
Rear suspension and gearbox detail (motor omitted for clarity).

CONCLUSION

A new technological breakthrough in chassis design, unrivalled performance makes this new car a sure contender for track honours. With a 540 motor conversion it should match the best and you too can equal the slogan of 'Be a Brat on the Track'.

Price £59.95 available from all good model shops.

Distributed by Richard Kohnstam Ltd, 13-15A High Street, Hemel Hempstead, Herts.



Gear box assembly.

FINAL DRIVE

The nylon/aluminium gearbox assembly locates to the 'space frame'. Drive is taken from the motor via plastic gear box cogs to hexagonal driveshafts. These are protected by rubber boots and can be packed with grease to decrease wear. A plastic hub carrier located by a pin through the driveshaft retains the wheel/tyre assembly.