

Tamiya's latest release in 1/10th scale hits
the car racing market right where it matters
— at the beginning.

Dave Lowery has been building the Falcon

FALCON

1: Tamiya's race-proven plastic dampers are included with the Falcon along with a choice of three pistons to adjust the amount of damping.

2: The Falcon dampers have a rubber diaphragm fitted to compensate for changes in internal volume.

3: Damper spring tension can be adjusted using different size spacers which clip around the damper barrel.

4: Unequal length wishbones

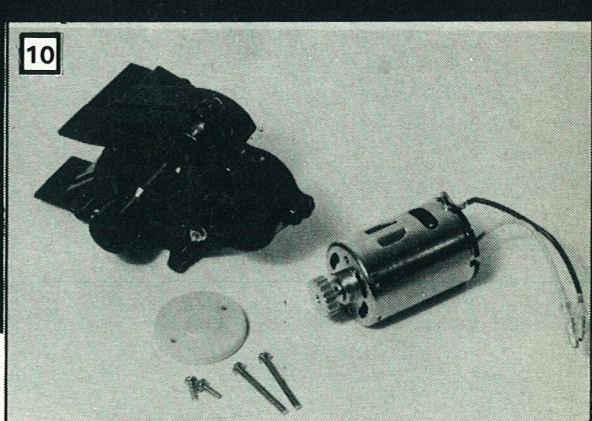
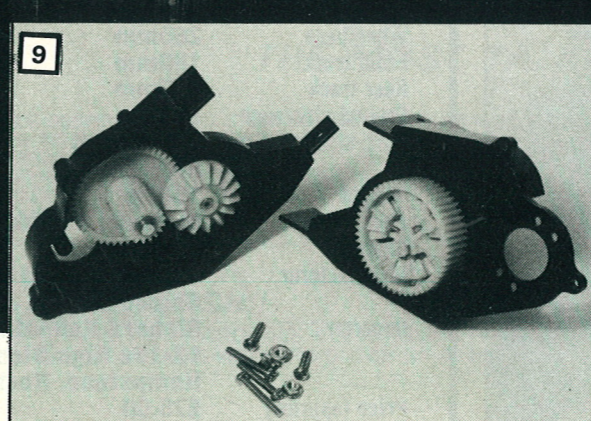
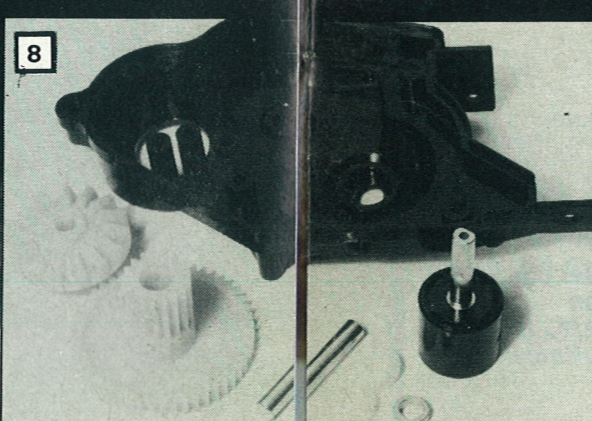
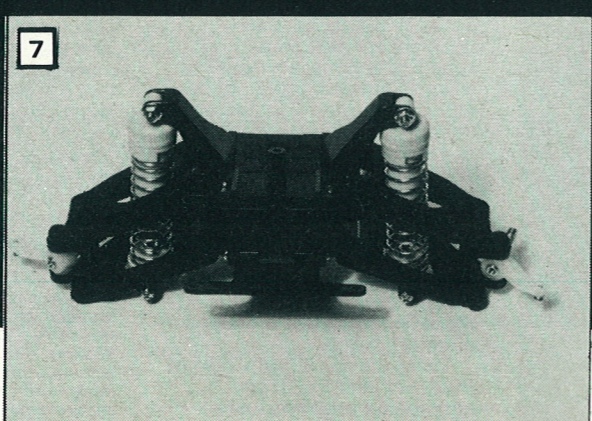
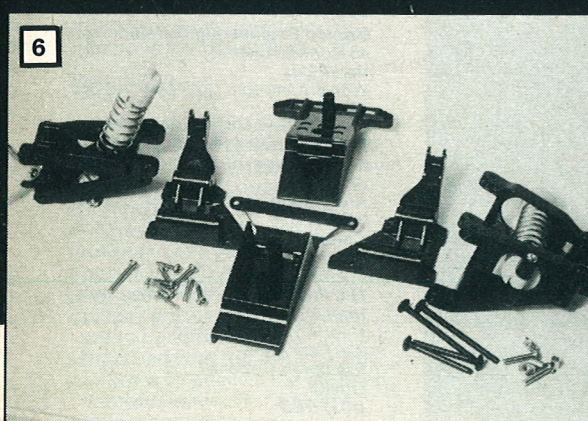
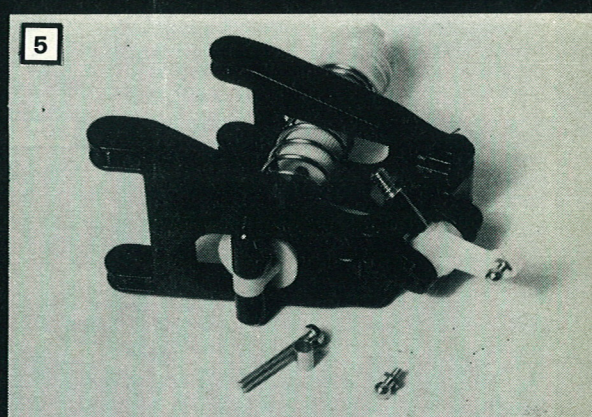
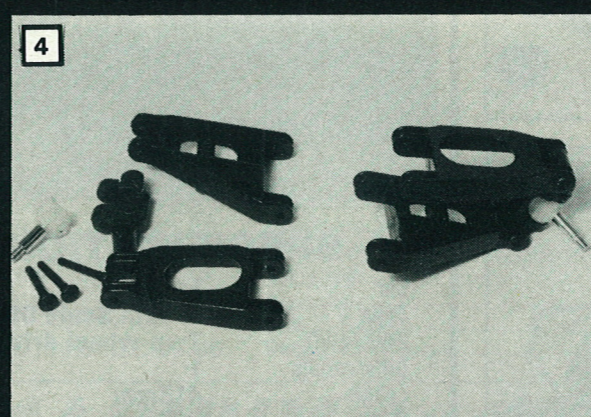
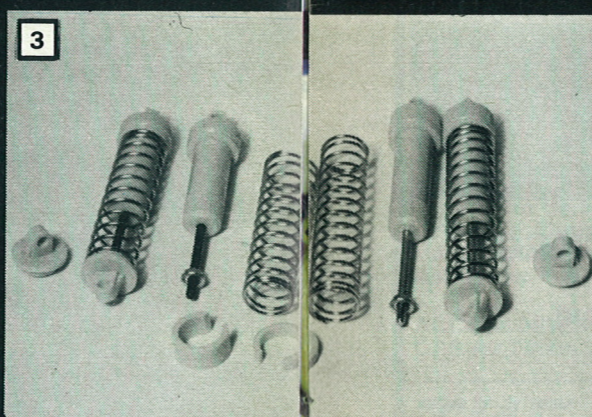
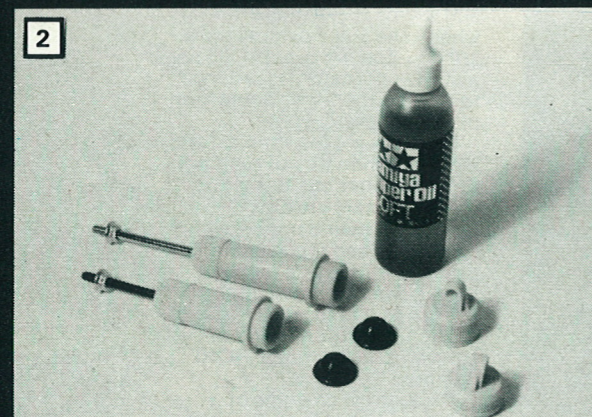
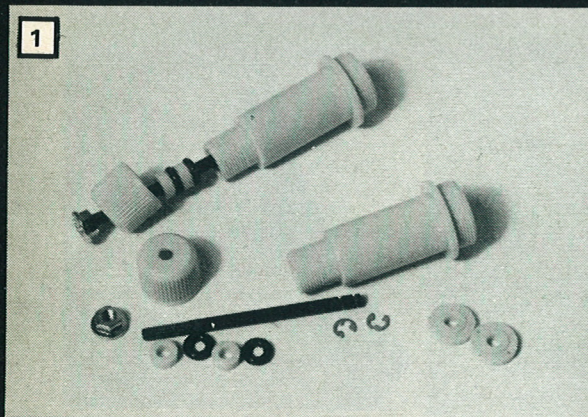
feature at the front with hardened steel suspension pivot pins.

5: A complete front-end side section showing the direct location of the damper through the wishbones.

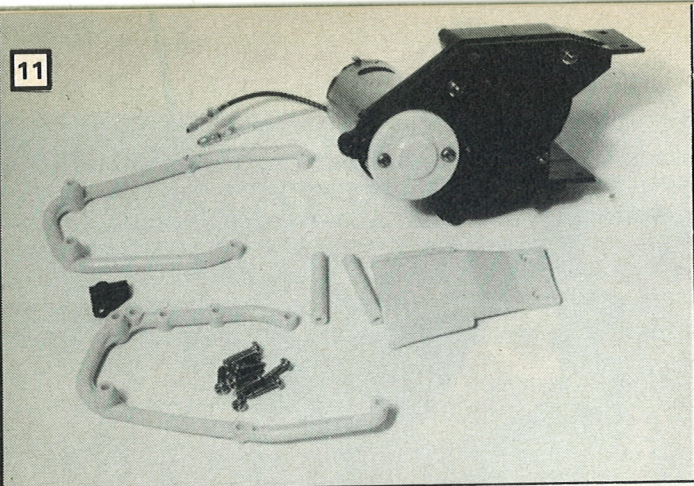
6: Component spread of the front-end suspension.

7: The completed front-end suspension system ready to bolt onto the chassis.

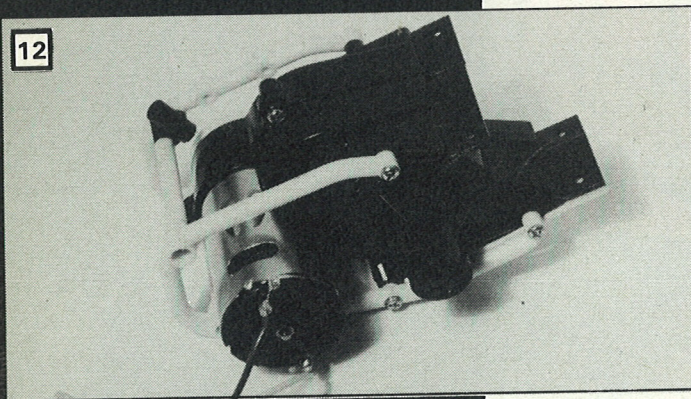
8: Injection moulded half of the gearbox with differential bevel gears. The driveshaft sockets are



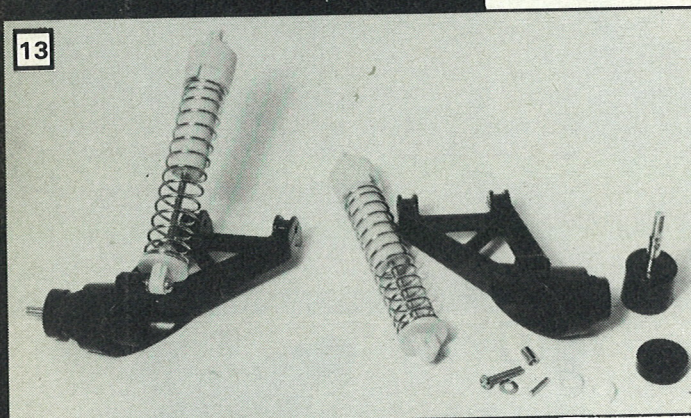
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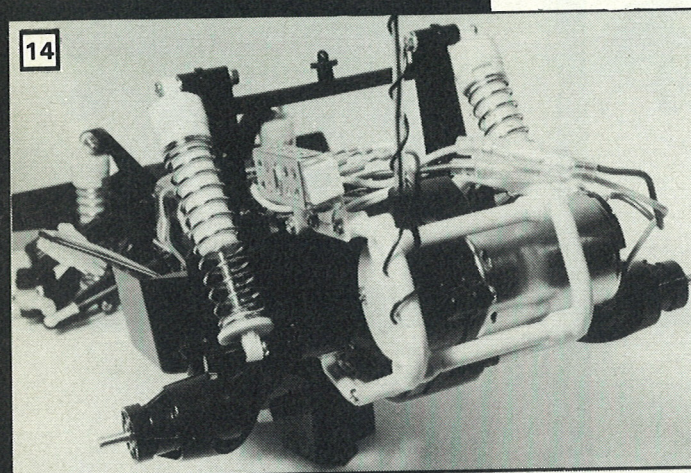
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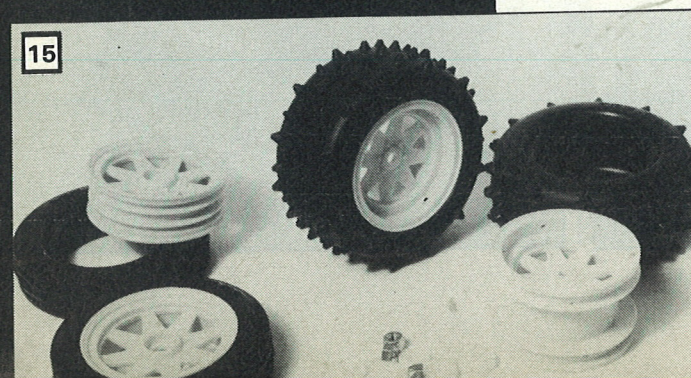
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also produced from plastic.

9: Completed sides of the gearbox ready to be bolted together. The 'Star' gears in the differential can be seen in the righthand side.

10: Completed gearbox with Mabuchi RS540S motor. Two pinion gears are included in the kit.

11: Motor and gearbox assembly completed and awaiting plastic cage fixing to protect them from rear-end collision.

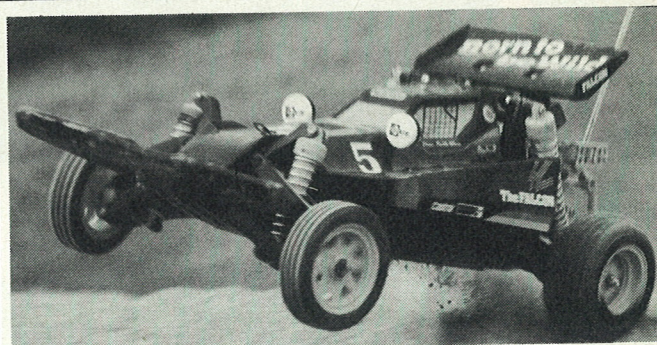
12: The completed gearbox ready to be fitted to the chassis. The gearbox differential gears should be liberally coated with grease to keep the diff working smoothly. This also applies to the bearings. Keep the motor running smoothly by putting a small drop of oil onto the bearings after each run.

13: The long-stroke dampers fitting to the rear trailing arms.

14: The completed rear-end. The driveshafts are also injection moulded plastic items. The resistor for the speed controller sits on the motor cage.

15: One piece hubs allow the plastic spiked pattern tyres to be fitted without glue being needed.

FALCON



SPECIFICATION CHECK

Car	Falcon
Type	1/10th Scale Off-Road
2WD/4WD	Two-wheel drive
Differentials	1
Length	418mm
Width	226mm
Height	150mm
Wheelbase	265mm
Front track	180mm
Rear track	197mm
Ground clearance	30mm
Tyre sizes — Front	75 × 20mm
Rear	80 × 35mm
Weight	1580g
Motor	Mabuchi RS540S
Bearings	12 plain
Manufacturer	Tamiya Plastic Model Co., Shizuoka City, Japan
Importer	Richard Kohnstam Ltd., (Riko), 13-15a High Street, Hemel Hempstead, Herts.
Price (approx.)	£75.00