

OUT OF THIS WORLD! GALAXY



HIGH PERFORMANCE 1/10 SCALE R/C CAR

- Features high speed racing motor
- 4 fully adjustable coil over oil filled shock absorbers
- Anti-roll bar on the front
- Provision made for ball racing
- Durable nylon cage body frame
- Four wheel independent suspension
- Changeable pinion gear ratios
- Durable polycarbonate rear wing
- Requires two channel, two servo radio control equipment and 7.2V racing pack, sold separately.



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BORN TO WIN!

MARUI



THE HUNTER

1/10 SCALE RADIO CONTROL RACING BUGGY

- TOUGH POLYCARBONATE BODY
- PRE-ASSEMBLED CONTROLLER
- CONNECTORS TO FIT ANY 7.2V BATTERY
- 7.2V RACING PACK (NOT INCLUDED) PROVIDES POWERFUL RACING OPERATION
- HIGH PERFORMANCE DIFFERENTIAL GEAR AND EXCELLENT HIGH-SPEED CORNERING
- RESPONSIVE STEERING FEATURE MINIMIZES HIGH-SPEED UNDER STEERING
- MONO-SHOCK REAR SUSPENSION WITH FINE-TUNE ADJUSTMENT MECHANISM
- LARGE CAPACITY OIL DAMPENED SUSPENSION
- LIGHT-WEIGHT AND HIGH-TRACTION KNOBBY TYRE
- 3-STAGE LOW, REGULAR AND HIGH SPEED CONTROL
- RUGGED FOUR WHEEL DRIVE SYSTEM WITH FRONT DOUBLE WISHBONE AND REAR SWING ARMS

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HOTTEST
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MARUI



Samurai 4WD

1/10th Off Road racer

MARUI have obviously been bitten by the competition racing bug; what with their 'Galaxy' racing update of the highly popular 'Hunter' and now this latest 4WD competition machine, the 'Samurai.'

'Samurai' were members of the Japanese ruling Military class: clearly Marui intend their 1/10th scale Off-Road racer to act in a like manner!

To this end Marui have opted for four-wheel drive as the means to ensure consistent handling in all track conditions. The complex but highly effective drive system utilises three

geared differentials to transmit power to all four wheels. An adjustable ladder chain connects the front and rear axles.

The gearbox outputs and drive shafts are manufactured in steel for maximum resistance to shock and gradual wear and tear from competition racing.

To complement the four driven wheels the 'Samurai' also incorporates a highly effective suspension system.

The front-end features double wish-bones linked to adjustable torsion bars to provide the springing whilst an adjustable oil-filled mono-shock damper unit regulates the suspension travel.

The rear suspension consists of chunky nylon trailing arms individually regulated by two coil spring damper units. These too are oil-filled and feature adjustable collets to alter the spring rates for different racing surfaces.

Firm contact with the track is maintained through the semi pneumatic 'wart' pattern rubber tyres front and rear. The hubs are one-piece nylon mouldings for strength and light weight.

Marui's use of injection moulded nylon components produces a very

strong car, resilient to shocks and abrasion whilst still allowing for light-weight construction. The chassis is designed on the 'space frame' principal which allows the radio control equipment to be installed within whilst giving a rigid chassis base for the suspension to work from.

Power for the 'Samurai' is supplied by the punchy Mabuchi 'RS540S' motor designed to supply instantaneous bottom end torque to get the 4WD system really moving out of the corners. For fine tuning to different racing conditions Marui supply interchangeable motor pinions to alter the gear ratio.

Supplying power to the motor is a three stage forward and reverse speed control which is pre-assembled and sealed to prevent dirt and water getting to the electrics.

Finally, the 'Samurai' also features all round protection, starting at the front with a flexible, full width nylon bumper, then nylon side guards and then protection at the rear for the motor.

The Marui 'Samurai' will be available shortly in Amerang stockists and other good model shops with a price tag below £100.00.



MARUI

GALAXY

The Tokyo Marui Plastic Model Co. Ltd. are rapidly gaining a reputation for their growing range of R/C cars, particularly in the Off-Road and fun vehicle categories. We recently reviewed the 'Big Bear,' a completely different car which always draws a crowd wherever it is displayed. The latest Marui machine is a pure racer, a 1/10th scale Off-Road buggy, the 'Galaxy,' based upon the highly popular 'Hunter' car.



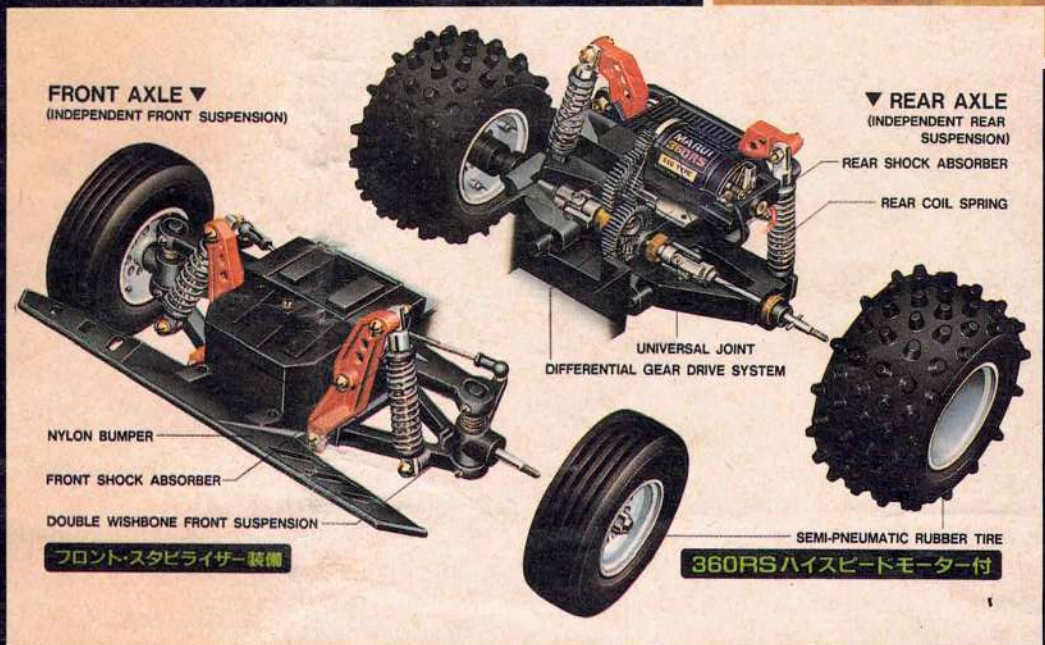
Brief Spec.

The front suspension is independent and from double wishbones utilising a coil spring damped stub shaft on a nylon kingpin. All parts are moulded from nylon and the top suspension arms are linked by a pianowire stabiliser or anti-roll bar assembly.

The amount of up and down suspension movement appears somewhat limited, approximately 1in. at the wheelnut, but this does not seem to adversely affect the ability of the car to cope with bumpy surfaces.

The rear axle assembly also features independent wishbone suspension, and damping is performed by oil-filled shockers with an outer coil spring, the compression of which can be adjusted by means of a simple but effective nylon collet. A similar system is used on the front suspension, but with slightly softer springs.

The drive in the review kit was supplied from a ballraced Marui 360RS



motor (550 type) through a metal pinion to plastic geared layshaft and plastic differential gear, outputting via substantial universal joints held in place by chunky set screws.

Three motor pinions are supplied, a 20 tooth for regular running (whatever that is), an 18 tooth for rough surface roads and a

22 tooth for flat surface roads. I fitted the 20 tooth initially.

The speed controller is Marui's own, a mechanical device with three forward and one reverse speed, controlled by fixed resistors, and operated from a standard servo. It is as good as most of these mechanical controllers and perhaps

better than some of its contemporaries.

The receiver can be powered from the main Ni-Cad drive pack, and rather sensibly the manufacturers have included the required voltage dropping diode and the instructions for re-wiring this up are very clear.

I have already mentioned that the dampers are oil-



filled. A small plastic dipstick is supplied which enables one to gauge the correct amount of oil required per damper.

The six cell Ni-Cad pack is slung under the chassis and is held in situ by two substantial straps.

In keeping with every Japanese kit that I have built up, the instructions were excellent, there was nothing missing, and everything was well packaged.

speed is killed momentarily on the approach to a corner the weight shifts forward and tight cornering is achieved. This set up in effect gives quite good handling characteristics for most tracks as full speed with understeer is probably of more benefit to most drivers, particularly the less experienced, as the tendency to spin is markedly reduced.

The suspension is stiff enough to take ramps and

jumps in its stride but may need a little work to free it up for stony surfaces. During initial testing the car was inadvertently driven at full speed into a concrete wall and survived with no apparent damage so there is no reason why it should not stand up to the rigours of racing as well as any other buggy.

It should be noted that 'Galaxy' kits are being issued in two versions. The only difference between

them is the type of motor supplied; either the Marui '360RS, 550 type' or the standard Mabuchi 540. Kit prices vary accordingly.

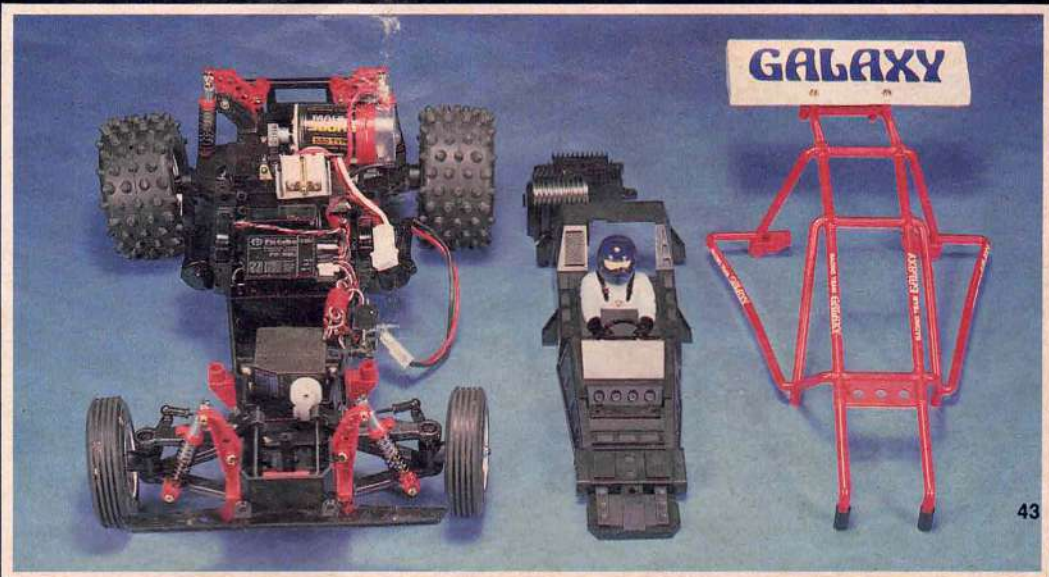
Indeed at £89.00 ('360RS') and £79.00 ('540') the 'Galaxy' kit represents remarkable value for money.

Manufacturer: Marui Plastic Model Co. Ltd.
UK importer: Amerang Ltd.

Available through model shops and Amerang stockists.

On and Off-Road

The car is very quiet in operation, presumably due to the nylon gears, and on the standard gearing appears quite capable of keeping up with the opposition. Handling is precise and it keeps to the driven line without inadvertent changes of direction. As set up it shows distinct understeering characteristics at full speed, probably due to the centre of gravity being towards the back end and the longish wheelbase (250mm). If the



BIG BEAR



MARUI's show-stopping 'Big Bear' Datsun is not only a fun Off-Road vehicle but a scale model as well. As we can see from the main picture Marui's 1/12th scale 'Big Bear' is firmly based on the full-size 'Bigfoot' a four-wheel drive Cadillac Crusher sporting huge tractor type wheels and a magnificent custom painted body.

'Bigfoot' makes ordinary racing cars look tame in comparison and positively walks all over family cars when performing for the public at motor shows throughout America.

Marui's 'Big Bear' also likes to perform and we have had great fun trying a variety of stunts with this car.

Ramp jumps are a must! Just watching the 'Big Bear' sail through the air sets the adrenalin pumping. Competitive spice is added by pitting several 'Big Bears' against each other to see who can launch their car the furthest distance from a measured run up and pre-set ramp height.

The black *Mabuchi* 'M480RS' ball-raced motor gives the 'Big Bear' enough approach speed for take off whilst the very even weight distribution ensures a smooth glide angle.

Why not try ramp jumping a line of cars? Set up two ramps (take off and landing) and position a number of cars between them. As the competition hots up increase the number of cars to see who can fly the furthest.

The 'Big Bear's' huge wheels and tyres coupled to its independent suspension system really soak up the bumps and the tread pattern gives good handling on a wide range of surfaces.

For more conventional competitions try oval racing, preferably on a slightly loose, dusty surface to achieve some real 'sideways motoring.'

Whether in competition or for just plain single handed fun and games the Marui 'Big Bear' is sure to excite.

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SUPER WHEELIE 1/10 SCALE
DYNAMIC STUNT AND
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CONTROL CAR

- POWERFUL RS 540S MOTOR
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- ONE-TOUCH WHEELIES! OUR PRECISE BATTERY PLACEMENT ALLOWS YOU TO SWITCH THE CENTRE OF GRAVITY
- FORWARD THREE STAGE SPEED CONTROL AND REVERSE ONE STAGE SPEED CONTROL AND TOW STAGE BRAKE CONTROL
- RACING DRIVER FIGURE INCLUDED
- OVERSIZE WHEELS AND SUPER GRIP WART PATTERN RUBBER TYRES FOR OFF-ROAD
- REQUIRES 2 CHANNEL 2 SERVO RADIO CONTROL AND 6V Ni-Cd BATTERY PACK (SOLD SEPARATELY)



MARUI

TWO POSITION
BATTERY MOUNTING
TO ALLOW STANDARD
OR WHEELIE RACE
POSITION



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CJ7 GOLDEN EAGLE

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TIME TO MAKE TRACKS WITH

BIG BEAR

DATSUN



**1/12th SCALE
RADIO CONTROL
CAR**

- High Power Black M480RS Motor.
- Features giant Big Bear Terra Grip tyres.
- Will accept 7.2V racing pack or 6V battery (sold separately)
- Uses independent coil springs and swing arms in front and rigid construction coil springs and trailing arms in the back for absolute realism.
- Forward 3-stage and reverse one stage Speed Controller.
- Racing Driver figure included.
- Requires 2 Channel, 2 Servo radio control.

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**Let the
others follow
in your
tracks.**

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