



AKTION 540 Chassis Conversion

Large motor micros

by David Baker

There comes a time where just about everyone reaches a level of insanity with whatever sport, hobby, or any other form entertainment brings joy to his or her life. RC hobbyists, in my opinion, are leaders in hobby insanity because of their desire to have the biggest, baddest and absolute best at any cost. Trucks with dual engines, 1/5-scale buggies with nitrous and micro cars with sub-C size batteries with 540 motors. So to sum up...wait, I knew I couldn't slip the last one by you. Yes micro maniacs, there's a new recipe for your pint-sized insanity: the conversion kits available from Aktion RC. Aktion offers a number of conversion kits to install 540 motors and various types of batteries into HPI Micro RS4 cars. These kits deserve a look under the microscope.

THE KIT

We built up the 540r kit, which took a little bit of trial and error since our kit did not have an instruction manual. The materials are top notch and the machining perfect, so as the kit went together, the fit was good and construction was sturdy. There is some hacking involved to get the new mill to fit properly. Aktion suggests cutting off a tab on the motor and space out the wheels for clearance. While this works, you can only use wide bodies on the car. We took out hacking to the extreme and hacked away a good portion of the endbell so we could still fit standard bodies. You will also need to do a little drilling to fit the new motor plate.

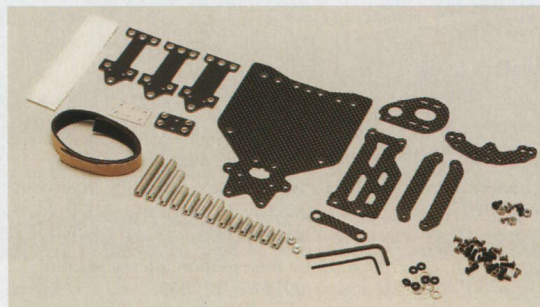
PERFORMANCE

Talk about a whole new disposition; the new big equipment Micro RS4 is a

rocket, and we just installed an RIP Epic based stock motor along with a four-cell Novak battery pack. The car launches hard, and you actually need to relearn how to throttle the car after being used to how the smaller motors propel the car. We kind of expected the car to be all over the place with the increase in power, but with the additional weight on the chassis, handling and steering the car is not beyond control. Sure the car likes absolutely smooth pavement, and steering is pushy at higher speeds, but at low speed, the car transitions quickly.

CONCLUSION

We know there are tons of Micro RS4s out there, and for those of you who may have



Vital Stats

540 CONVERSION KITS.

LITHIUM-POLYMER 540I

PART NO.: 540i

- ⊙ For use with any one of two dozen different lithium-polymer packs.
- ⊙ Fits 180, 280, 300, 370, 380, 400, and 480 540-size motors and brushless motors.

FOUR-CELL SUB C 540R

PART NO.: 540r

- ⊙ Fits traditional sub C-sized batteries found in just about every other RC car.
- ⊙ Handles any 540 motor, no turn limit.
- ⊙ Uses all standard electronics and can fit a full-sized servo.

GEN2 MICRO HYBRID 540S

PART NO.: 540s

- ⊙ Heavy-duty battery rails hold cells in place better.
- ⊙ Short rear deck allows better fit of most bodies.
- ⊙ Super-wide upper deck provides for mounting almost any size ESC and receiver.
- ⊙ Interchangeable rear pod design; this kit is versatile, stable, reliable, and tunable.

shelved the car for whatever reason, pull it off the shelf and dust it off. The Aktion RC chassis conversion kits are just what you need to give your car new life and attitude and have a blast with a high-powered micro machine. ⊙

Link

Aktion RC - www.aktionrc.com

For more information, please see our source guide on pg. 193.

Additional kits include the 540 L Lithium Polymer chassis (top) and the GEN2 Micro Hybrid chassis (bottom).