



RC-Monster Baja Ultimate Electric Conversion Kit

Long awaited Ultimate Electric conversion for the HPI Baja. Custom lower rear chassis, rear upper chassis and motor mount/chassis brace CNC machined from aircraft grade alloy aluminum with CNC machined plastic battery tray.

Kit replaces chassis components and gas motor on stock Baja and includes Mod 1.5 8mm bore steel pinion gear. Parts are integrated into stock chassis for a factory fit and finish, optimum strength and ultra low Cg.

Motor mount is designed to accept a Neu 22 series motor or the Castle 1/5th scale motor with the adapter. We suggest using motors with a 1000Kv or less with up to 8s Lipo use. Rear upper chassis will accept stock mechanical brakes and has an included bolt pattern for the Castle MMM-XL.

1 Disassembly

Break down the donor car to remove the motor & tank along with the lower and upper rear plates.

Retain all motor braces and all screws.



Note: If using motor/ESC braking remove the additional servo, linkages and break assembly.

2 Motor Adapter

If using a Castle 1/5th scale motor attach the adapter plate to the motor using the included screws.



3 Rear Chassis Plate

Attach the rear chassis plate to the front section using the original machine screws.



4 Motor Plate

Attach the motor plate to the Rear chassis plate and the right side motor brace.

Tip: It's easier to mock fit motor at this stage



5 Rear Upper Plate

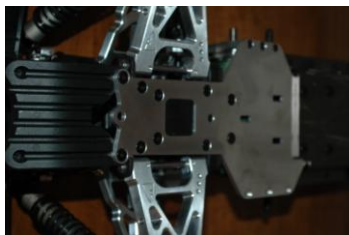
Attach the new upper plate to the rear section.

Re-attach the input shaft bearing carrier / break assembly to the upper plate.



6 Attach Rear Section

Using original screws attach the rear section to the RC-Monster Rear chassis plate.



7 Left Side Brace

Attach the left side brace to the front motor brace and to the lower / upper rear chassis plates.



Note: Baja Chassis has a lot of flex when apart. If screws holes are slightly out of alignment loosen all lower and upper brace screws until you can fit screw. Then gradually retighten all screws.

8 Install Pinion and Spur

Reattach stock spur assembly and included RC-Monster mod 1.5 pinion.



9 Install Battery Tray and ESC

The ESC can mounted on the Rear Upper Chassis plate. Holes are pre-drilled for the Castle MMM-XL.

The battery tray is installed with the two included screws into the Lower Chassis Plate.

The battery tray is channeled such that the RX/fan wires can be routed under the tray directly into the RX box.

