



RC-Monster V3 1/8 scale Revo Hybrid case/differential

These units incorporate custom bearings and diff case to allow the use of a 1/8 buggy or Truggy differential in the Traxxas Revo trucks. The custom modified parts will drop into and out of the Revo bulkheads just like the stock diffs. Slight chassis modification required for E-Revo installation.

These are sold per unit - 2 required for complete truck. Most similarly sized 1/8 diffs will fit these cases, including Mugen, AE, and Losi. Drive cups included for center "dogbone" style drive shafts.

Includes diff, custom diff shafts, custom diff case, drive cups and bearings.

If you're tired of constant diff maintenance and replacement in your Revo, this is the product you have been waiting for!

1 Differential Oil / Output Selection

Determine required output drive shafts either cups for CVDs (not suitable for extended rear arms) or included 6mm output shafts for stock drive shafts or Traxxas drive cups.

Complete assembly of differential and fill with oil:
7-10k Front and 3-5k Rear



2 Outer Bearing

Install outer bearing from **inside** the outer differential case with the blue rubber seal facing outside.



3 Retaining Ring

Carefully install large retaining ring into behind the outer bearing.

Note: This is intended to be a tight fit.



4 Pinion Assembly

Place the remaining bearing in the pinion with the blue seal facing away from the gear.

Add the thin spacer behind the bearing.



5 Pinion Installation

Slide the Pinion assembly through the outer bearing.



6 Outer Pinion Shim & Spacer

Place the metal shim on the outside of the pinion assembly.

This is followed by the thick 3mm spacer after the metal shim.

Optional: Attach included drive cup if using centre “dogbones”.



7 Final Differential Assembly

Insert the completed internal differential into the completed case and assemble diff halves.

Apply a small amount of high quality grease to the ring and bevel gear during final assembly.

Use a small amount of blue Loctite on the four outer differential case screws.



8 Bulkhead I Completed Cases

Finally drop the differential cases back into the bulkheads.

At this point it is worth confirming the direction of rotation of the differentials to ensure both front and rear wheels are driving in the same direction.

Inverting a diff will change the direction of rotation.

