

HUDY

SET-UP SYSTEM FOR

1/10 OFF-ROAD 2WD & 4WD



The Hudy Exclusive Alu Set-up System allows you to check and adjust camber, caster, toe, and steering on your 1/10 2WD and 4WD electric off-road cars.

The instructions describe the set-up system and additional equipment that may be used on 1/10 off-road cars. Plus, they include in-depth information about these particular types of cars.

The set-up system includes the Hudy Off-road Set-up Book which provides information about set-up theory and how to use the set up system.

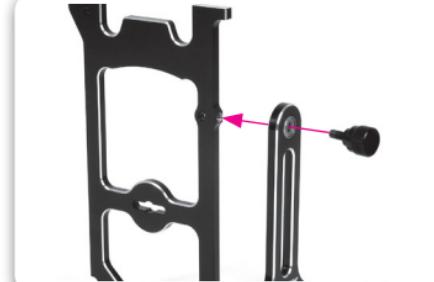
While the Set-up Book is focused primarily on 1/8 off-road buggies and truggies, the theory about camber, caster, toe, and steering is the same as for 1/10 off-road cars. Additional theory about downstops, ride height, track-width, roll center, shock absorbers, shock mounting position, anti-squat, wheelbase, and anti-roll bars can be partially implemented as well though you must take into account that the information is targeted at 1/8 off-road cars.

The set-up system consists of the following pieces:

- alloy side plates (4)
- alloy camber gauges (4)
- acrylic toe gauge (1)
- alu nut for camber gauges (4)
- alu adapters for axles (2)

ASSEMBLING AND INSTALLING THE SET-UP STANDS

Attach a camber gauge to a side plate using an alu nut through the ball-bearing at the top of the camber gauge.



Some 4WD off-road cars use a pin as a wheel adapter. If your car is like that, use the special alu adapter to attach the set-up stand as shown.

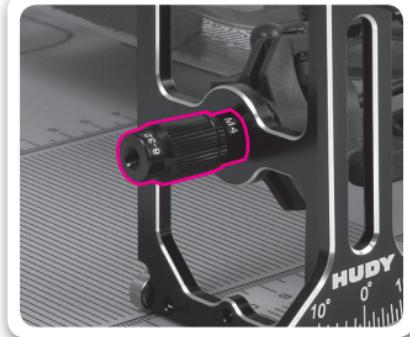
If your car has alu wheel hubs, do not use the special adapter.



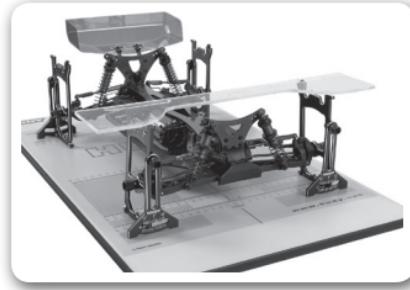
TIP

The 1/10 electric off-road cars have two types of threads on the drive axles. US-based cars use an Imperial (inch) thread, while European and Asian cars use a Metric thread.

Hudy offers CNC-machined alu nuts for #108960 quick & easy attachment of set-up system plates to wheel axles. The nuts have an Imperial thread on one side (marked 8-32) and a Metric thread on the other side (marked M4).



Thread the wheel nuts onto axles to remove play. You can now start measuring camber, toe in/out, and steering.



SET-UP SYSTEM COMPONENTS

When setting up, operating and maintaining your 1/10 2WD or 4WD electric off-road car, we strongly recommend using high-quality professional Hudy set-up equipment and tools.

#107701 Downstop support blocks

- CNC-machined high-grade aluminum
- precision engraving
- supports chassis when checking set-up geometry
- high 20mm blocks for 1/10 electric off-road cars
- used with 107720 Droop Gauge



#107720 Ride Height Gauge

- CNC-machined high-grade aluminum
- precision engraving
- for checking ride height
- steps from 17-30mm in 1mm increments



#108201 Set-up board

- exceptionally flat, warp-resistant surface
- lightweight, easy to carry
- provides perfectly flat reference surface for chassis set-up
- must be used for any set-up adjustments



#108960 Alu nuts for Set-up System

- CNC-machined alu nuts for quick & easy attachment of set-up system plates to wheel axles
- nuts include both Metric thread from one side (sign M4) and Inch thread from the other side (sign 8-32)



TOOLS

Turnbuckle Wrenches

available in 3 sizes:

- #181030 (3mm)
- #181040 (4mm)
- #181050 (5mm)



Hudy Tools

Allen
Phillips
Socket

