



Actobotics Kit - Nomad 4WD Off-Road Chassis

ROB-13141 ROHS

This is the Nomad 4WD Off-Road Chassis kit from Actobotics, a remarkably easy to assemble robotic platform capable of taking you places normal chassis can't go. What makes this chassis kit great is not only its vast amount of attachment points for various add-ons, but also the fact that it is easily and fully configurable to fit your needs! Do you need the off-road wheels a different distance apart from one another? Do you need to switch out a motor due to damage or situational requirements? Do you need a different type of channel or panel attached to the main body for more attachment points? All of this can be done with a simple hex key and a few minutes.

This chassis is equipped with four 5" diameter by 2.25" wide heavy duty wheels, four super duty planetary gearmotors with full metal gears and a ball-bearing pivot suspension. Also included in the 4WD Off-Road Chassis kit is a large central ABS plastic body with two large access panels that open up to a cavity large enough for a 7.2V NiCAD/NiMH or other lipo battery and electronics to fit comfortably. This central body also has a multitude of 0.77" hub patterns, cutouts at the bottom to run motor wires through, and since it is made out of ABS plastic drilling holes for additional mounting options is a breeze.

Actobotics is a robotics building system based around extruded aluminum channels, gears, precision shafts, and ball bearings. Thanks to the two standardized hole patterns, nearly all Actobotics components can be intuitively connected together. The wide range of components makes building complex electromechanical prototypes or finished projects a reality.

Note: This comes as a kit and requires basic assembly

INCLUDES

- 1x 6" Aluminum Channel
- 2x 12" Aluminum Channel
- 3x 4.5" Aluminum Channel
- 4x Robot Wheels
- 4x Off-Road Tires
- 4x 313 RPM HD Precision Planetary Gear Motor
- 4x Wheel Adapter - Hex (12mm)
- 4x Round Grommet
- 5x Hub - Quad D Mount (90 Degree)
- 1x Shaft - D-Shaft (Stainless; ¼"D x 8.00"L)
- 5x Side Mount Bracket
- 2x Set Screw Hub - ¼" Bore
- 1x Bearing Mount - Quad Block (¼" Bore)
- 2x Ball Bearing - Non-Flanged (8mm Bore, 22mm OD)
- 12x Shaft Spacer - ¼"
- 3x Machine Screw - Socket Head (6-32 ; ¼"; 25 pack)
- 4x Attachment Block
- 4x Motor Mount - Swivel Clamp (32mm)
- 4x Gearmotor End Cap
- 7x ABS Enclosure Panels



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