

TL13: Komodo Dragon

The Komodo Dragon is an extremely powerful and durable SUV. Designed for use far from civilization, its reliability is a primary concern. Basically, its a souped-up dune buggy. In practice, its a tow truck, an economy car, a power source, off-road transportation, and a light combat vehicle. Running on hydrogen, it is clean and efficient, but loses nothing in performance. Rugged and tough, this may be referred to as "the jeep of the future".

Because the Komodo Dragon was designed to be able to provide reliable service out in the wilderness, it has a number of special features that allow it to do so. First, it has run-flat solid tires, and is six-wheel drive. The power train has an excellent terrain rating of 3 and one level of redundant systems. In case the vehicle ever does fail or need maintainance, it is equipped with a complete maintainance and repair tool kit. Also, it features a small solar-powered hydrogen cracker capable of extracting its hydrogen fuel from water to fill its own fuel tanks.

Note that the medical kit listed is substantial. It includes all of the gear needed by a field surgeon. In addition, it has a biomonitor and a computerized guide to assist those not familiar with medicine.

Campaign notes

Although it has seats for six, this SUV normally carries two for patrol purposes. The back seats can collapse or be removed, freeing up their volume and mass for other cargo. Be sure to indicate whether the back seats are in place, as they make the difference between a passenger and cargo vehicle.

The Komodo Dragon is usually deployed as a ground patrol vehicle in areas of rugged terrain. Its durability is what raises it above most vehicles. Even when damaged, the Komodo Dragon remains formidable; by shifting mass, it is possible for it to function with only two axles. Of course, performance would be drastically reduced...

Artwork

For those of you who may be interested, the drawing that depicts this vehicle is of a scene from a recently ended campaign in the **Blue Planet** setting using **CORPS** rules. Our party crashed the SUV and wandered into the desert, got attacked by a huge aborigine combat drone, then came back and drove 100km with one of the axles ripped out.

Designed by: Rick Havlak



Specifications:

Configuration:	Slab, minimum streamlining		
Length:	4.0m	Size modifier:	-2
Width:	2.0m	Toughness:	x.5
Depth:	1.0m		
	Area	Volume	Mass
Design figures:	28.2m ²	8.32m ³	2,500kg
Structure:	TL13 composite, stressed to turn of 7 and 12 tons		
Stats:	-	.04m ³	192kg
Surface:	TL13 Lightweight armor		
Front (3.4mm, AV15):	-	.01m ³	23.4kg
Rear (2.8mm, AV12):	-	.01m ³	19.3kg
R.side (2.8mm, AV12):	-	.02m ³	41.4kg
L.side (2.8mm, AV12):	-	.02m ³	41.4kg
Top (2.1mm, AV9):	-	.03m ³	57.9kg
Bottom (2.8mm, AV12) :	-	.03m ³	77.2kg
Power plant:	AV3, TL13 tweaked exotic (hydrodgen turbine)		
Stats:	100kw	-	.03m ³ 56.7kg
Radiators	.50m ²	-	-
Power plant:	AV1, TL13 solar		
Stats:	500w 1.5m ²	.02m ³	14.8kg
Power train:	AV9, TL13 off-road wheeled (terrain rating 3)		
Stats:	100kw .77m ²	1.54m ³	769kg
Redundant systems	.08m ²	.16m ³	77kg
Fuel:	Exotic (hydrogen), 4.6 hours		
Stats:	-	.37m ³	26kg
Other:			
Basic seats (2)	-	2.0m ³	200kg
Substandard seats/cargo (4)	-	4.0m ³	400kg
Rating 1 360° radar	1.0m ²	.01m ³	5kg
Rating 2 360° thermal	1.6m ²	.01m ³	80kg
Rating 2 computer	-	.01m ³	7kg
Advanced medkit	-	.03m ³	50kg
Specialized toolkit	-	.03m ³	72kg
Cargo racks	4.0m ²	-	8kg
Towing hitch (10 ton capacity)	-	-	20kg
Refinery (.1kg per hour)	-	.02m ³	10kg
TL13 freebies	-	.02m ³	17kg
Subtotals:	-	8.41m ³	2,289kg
Spare capacity*:	18.7m ²	0m ³	211kg

*Vehicle exceeds volume because of rounding on very small components

	2,500kg	12,000kg
Base top speed:	53m/s (191kph/119mph)	28m/s (104kph/65mph)
Adjusted:	42m/s (151kph/95mph)	22m/s (78kph/49mph)
Base acceleration:	4.0	1.8
Adjusted:	4	2
Base deceleration:	4.2	3.1
Adjusted:	6	5
Base Turn Mode:	6	6
Adjusted:	7	5

Bugs:

None