



M1097A2

HMMWV

10,300 LB. GVW / ELECTRONICALLY-CONTROLLED TRANSMISSION / GEP 6500 V8 DIESEL ENGINE

Driving the Force™

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Specifications

Engine	GEP 6500 V8, naturally aspirated diesel engine	GVW	10,300 lb.
Horsepower	Max. Net, 160 @ 3,400 RPM	Width	86 in. (2.18 m) (with mirrors folded)
Torque	Max. Net, 290 lb.-ft (393 N•m) @1,700 RPM	Ground Clearance	17 in. (0.0.43 m)
Governor Type	Integral built-in injection pump	Wheelbase	130 in. (3.30 m)
Displacement	400 cu. in.	Track Width	71.6 in (1.82 m)
Bore & Stroke	4.06 x 3.82 in. (10.3 x 9.7 cm)	Maximum Speed	70 mph (113 kph)
Compression Ratio	21.5:1	Grade Capability	40%*
Fuel Capacity	25 gal. (94 L)	Run Flat Capability	30 miles @ 30 mph (48 km @ 48 kph)
Transmission	4-speed automatic, maximum input torque rating of 451 lb.-ft (612 N•m), electronically controlled	Side Slope Capability	30%*
Gear ratios	1st-2.48:1 2nd-1.48:1 3rd-1.0:1 4th-0.75:1 Reverse-2.08:1	Cargo Bed Height	37.0 in. (0.94 m)
Torque converter ratio	2.1:1	Turning Radius	25 ft. (7.62 m)
Transfer Case	Gear ratio: Low-2.72:1; High-1:1	Deep Water Forging	30 in. (0.76 m), 60 in. (1.52 m) with kit
Axles	Hypoid, ratio of 2.73:1. Continuous torque rating 1,600 lb.-ft. (2,169 N•m)	Approach Angle	54°
Geared Hubs	Gear ratio: 1.92:1	Departure Angle	38°
Frame	Steel box section with 5 crossmembers		* At GCW
Electrical	14/28 volt waterproof; 200 amp alternator		
Steering	Power assisted with a variable ratio of 13/16:1		
Differential	Torque biasing		
Brakes	Hydraulically actuated, four wheel inboard mounted power disc with dual reservoir master cylinder		
Suspension	Independent double A-frame with open end coil springs and hydraulic shock absorbers		

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