

M1114 Up-Armored HMMWV

The M1114 Up-Armored HMMWV has been used primarily by the U.S. Army and the U.S. Marines for reconnaissance and military patrols and has been deployed in peacekeeping missions in Somalia, Haiti, the Balkans, Afghanistan and most recently Iraq. This vehicle offers perimeter ballistic protection, IED protection, mine blast protection, overhead burst protection and “white glass” transparent armor, as well as gunner shield and gunner protection kits.

GUNNER SHIELD KIT

Weight:	113 lb
Ballistic Protection:	Assault rifle
Weapon Shield:	Frontal protection, 360° rotation
Weapons:	Crew served weapons M60, M2, MK19 with addition of M249 and M240 B/C
Interface:	MK64 Mod 9, M197 weapon cradle mount
Application:	HMMWV variants

GUNNER PROTECTION KIT

Weight:	320 lb
Ballistic Protection:	Assault rifle
Interface:	Gunner Shield Kit
Application:	HMMWV variants

KEY FEATURES

360° ballistic and blast protection for vehicle occupants and gunners

Leading provider of underbody blast protection

M1114 Armor Protection from assault rifle, overhead fragmentation, and blast



M1114 Up-Armored HMMWV

UP-ARMORED HMMWV DATA

Curb Weight:	9,800 lb (4,447 kg)
Payload:	2,300 lb (1,043 kg)
Gross Vehicle Weight GSW:	12,100 lb (5,489 kg)
Gross Axle Weight Rating:	
Front	5,300 lb (2,404 kg)
Rear	7,000 lb (3,175 kg)
Length:	196.5 in (5.00 m)
Height (without weapons):	76 in (1.93 m)
Min. Reducible Height:	72 in (1.83 m)
Reduced Shipping Cube:	782 ft ³ (27.1 m ³)
Acceleration (min.):	
0-30 mph (48 kmph)	9.4 sec
0-50 mph (80 kmph)	26.1 sec
Maximum Towed Load:	4,200 lb (1,890 kg)
Cruising Range (Min):	250 mi (402 km)
CGX at Curb Weight:	67.65 in (1.53 m)
CGY at Curb Weight:	0.06 in (0.015 m)
CGZ at Curb Weight:	32.9 in (0.84 m)
Spring Rate:	
Front	2,000 lb/in (350 N/mm)
Rear	3,000 lb/in (575 N/mm)
Troop Seating Capacity:	1+3

ENGINE

Type:	6.5 L turbocharged diesel, EPA compliant
Horsepower @ 3,400 RPM:	190 HP (142 KW)
Torque @ 1,700 RPM:	380 lb ft (515 N m)
Compression Ratio:	21.5:1
Governor Type:	Integral Built-In Injection Pump
Displacement:	400 cu in (6.5 L)
Bore & Stroke:	4.06x3.82 in (10.3x9.7 cm)
Fuel Capacity:	25 gal (94 L) usable

SERIES APPLICATION DATA

Width (with mirrors folded):	90.5 in (2.3 m)
Ground Clearance:	15.5 in (0.39 m)
Wheelbase:	130 in (3.30 m)
Track Width:	71.6 in (1.82 m)
Grade Capability:	60%
Run Flat Capability:	30 miles at 30 mph (48 km at 48 kmph)
Side Slope Capability:	40% (M1097A2 with shelter 30%)
Cargo Bed Height:	36.5 in (0.93 m)
Turning Radius (curb to curb):	25 ft (7.62 m)
Deep Water Forging:	30 in (0.76 m)
Approach Angle:	45°
Departure Angle:	35°



GUNNER PROTECTION KIT



GUNNER SHIELD KIT

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