

M1152 HMMWV

Enhanced Tactical Fires-Support (ETF-S)



Key Capabilities:

- Utilizes M1097 or M1152A1B2 2-man vehicle
- Provides seating for up to 4 occupants in rear cargo area
- Provides added safety with a high level of crush protection and safety restraints for all occupants
- Enclosure meets 10,000 lb. roof crush
- Designed for 95th percentile
- Flexible payload configuration
- Availability: Class IX

System: The ETF-S kits provides enhanced safety capabilities to soldiers supporting artillery units.

Low Life-Cycle Cost: Simplicity of design allows for a small logistic footprint.



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GVW

M1152: 12,100 lb. (5,488 kg)
 M1152A1: 12,100 lb. (5,488 kg)
 M1152A1 w/B2: 12,100 lb.
 (5,488 kg)

Payload

M1152: 5,100 lb. (2,313 kg)
 M1152A1: 5,000 lb. (2,278 kg)
 M1152A1 w/B2: 3,340 lb.
 (1,515 kg)

Curb Weight

M1152: 6,400 lb. (2,903 kg)
 M1152A1: 7,100 lb. (3,221 kg)
 M1152A1 w/B2: 8,760 lb.
 (3,973 kg)

M1152A1 SPECIFICATIONS

Towed Load Allowance

4,200 lb. (1,905 kg)

Shipping Dimensions

728 cubic ft. (20.61 cubic m)
 117 sq ft. (10.87 sq m)
 194 in. (4.93 m) Length
 87 in. (2.21 m) Width
 76 in. (1.93 m) Height

Center of Gravity (at curb weight)

29.9 in. (75.95 cm)
 Above Ground
 59.5 in. (1.51 m)
 Rear of Centerline at Front Axle

Track Width

71.6 in. (1.82 m)

Wheelbase

130 in. (3.30 m)

Turning Radius

25 ft. (7.62 m)

Ground Clearance

18 in. (45.72 cm)

Angle of Approach

48°

Angle of Departure

39°

Ramp Breakover Angle

25°

Grade Capability (at GCW)

40%

Side Slope Capability (at GCW)

30%

Climb Capability (at GCW)

18 in. (45.72 cm)
 Vertical Step

Cargo Bed Height (at GCW)

38 in. (96.52 cm)

Engine

General Engine Products (GEP)
 V8, 6.5L Turbocharged Diesel

Horsepower

@ 3,400 RPM:
 190HP (142KW)

Torque

@ 1,700 RPM:
 380 lb.-ft (515 N•m)

Transmission

General Transmission Products
 (GTP)
 4-Speed Automatic

Transfer Case

2 Speeds
 Ratios: High - 1:1; Low - 2.72:1

Differentials

Front and Rear - Hypoid
 Ratios 3.08:1

Frame

Steel Box Section
 5 Crossmembers

Front Suspension

Independent Double
 A-Frame; Coil Spring;
 Telescopic Shock Absorbers

Rear Suspension

Independent Double
 A-Frame; Coil Spring;
 Rate - Variable;
 Telescopic Shock Absorbers

Geared Hub

Ratios: 1.92:1

Wheels

Two-Piece Take Apart;
 16.5 x 8.25 x 6.5 BC

Tires

Non-Directional
 Cross-Country Tread;
 37 x 12.5R-16.5;
 Load Range: E

Service Brakes

Type: Disc - Front & Back
 Dual Master Cylinder with
 Hydroboost;
 Rotor Size - 306.8 mm Dia.;
 24-mm Thick;
 Lining Area - 11.5 sq in. (74.2 cm²)
 (89.2 sq in. (575.5 cm²) Total)

Parking Brakes

Dual Disc, Independent,
 Hand-Operated Lever

Electrical System

Dual Voltage 14V/28V

Fuel Capacity

25 gal. (95 L)

Performance

250 mile (402 km) Cruising Range

Maximum Speed

70 mph (113 kph)

Deep Water Forging

30 in. (0.76 m),
 60 in. (1.52 m) w/ Kit

Run Flat Capability

30 miles @ 30 mph
 (48 km @ 48 kph)

Transportability Modes

Highway, Rail,
 Marine, and Air

M1152A1 includes standard:

Underbody armor
 Rocker armor
 Lower windscreen deflector armor
 Energy absorbing seats

M1152A1 w/B2: Plant or Field Installable B2 Kit includes:

Perimeter armor
 Overhead armor
 Rear ballistic bulkhead
 Note: Aluminum roof/rear panel
 is required with B2 Kit.

Optional Frag Kits:

Frag 1: Side and door perimeter protection
 Frag 2: Front cowl, and wheel well protection
 Frag 5: Door and SMCL (Single Movement
 Combat Lock)



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