



M1100 SERIES HMMWV

M1165A1 Special Ops



PERFORMANCE — HMMWV is the world-standard family of light, tactical vehicles. It is a lightweight, high-performance, independent four-wheel drive, versatile and adaptable platform that currently supports more than 100 different systems.

PAYLOAD — The M1165A1 Special Ops HMMWV is an Expanded Capacity Vehicle (ECV) specifically designed for a light weight weapons station, additional weapon mounts, increased storage with greater dash speeds, and payload. The Special Ops HMMWV has over 2,500 kg (5,600 lb.) of available payload and is air transportable, droppable and can be sling loaded by helicopter.

PROTECTION — In addition to the factory-installed "A" armor kit, the M1165A1 Special Operations HMMWV can be supplemented with additional armor, which is tailored to meet specific mission requirements.



M1100 FAMILY OF VEHICLES



M1151



M1152



M1165



M1167

M1100 SERIES HMMWV

M1165A1 Special Ops

GVW

6,124 kg (13,500 lb.)

Payload

2,572 kg (5,670 lb.)

Curb Weight

3,552 kg (7,830 lb.)

Towed Load Allowance

1,905 kg (4,200 lb.)

Shipping Dimensions

21.10 cubic m (745 cubic ft.)

10.87 sq m (117 sq ft.)

4.93 m (194.0 in.) Length

2.21 m. (87.0 in) Width

1.94 m (76.25 in.) Height

Center of Gravity

(at curb weight)

76.71 cm (30.2 in.)

Above Ground

1.53 m (60.4 in.)

Rear of Centerline at Front Axle

Track Width

1.82 m (71.6 in.)

Wheelbase

3.30 m (130 in.)

Turning Radius

7.62 m (25 ft.)

Ground Clearance

46.23 cm (18.2 in.)

Angle of Approach

48.0°

Angle of Departure

40.0°

Ramp Breakover Angle

25°

Grade Capability (at GCW)

40%

Side Slope Capability (at GCW)

30%

Climb Capability (at GCW)

45.72 cm (18 in.)

Vertical Step

Special Ops Options

Low profile weapons mount

3-bay ammo can holder

A-frame spare tire carrier with
7,000 lb. jack

Running boards with hand holds

Rear gun mounts with pintle (up to 4)

Rear equipment shelf with stowage box

Cargo rear side boards

Side door gun mounts (up to 3)

4-bay ammo can holder

(on top A/C evaporator)

3-bay ammo can holder (rear cargo LH)

2-bay ammo can holder (rear cargo RH)

7-water can area with tie down

Hood mounted Pioneer tool kit

Cargo Bed Height (at GCW)

97.79 cm (38.5 in.)

Engine

General Engine Products (GEP)

V8, 6.5L Turbocharged Diesel

Horsepower

@ 3,400 RPM:

142KW (190HP)

Torque

@ 1,700 RPM:

515 N•m (380 lb.-ft)

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 - 74.2 cm² (11.5 sq in.)

(575.5 cm² (89.2 sq in.) Total)

Parking Brakes

Dual Disc, Independent,

Hand-Operated Lever

Electrical System

Dual Voltage 14V/28V

Fuel Capacity

95 L (25 gal.)

Performance

402 km (250 mile) Cruising Range

Maximum Speed

113 kph (70 mph)

Deep Water Fording

0.76 m (30 in.)

1.52 m (60 in.) w/ Kit

Run Flat Capability

48 km @ 48 kph

(30 miles @ 30 mph)

Transportability Modes

Highway, Rail,

Marine, and Air