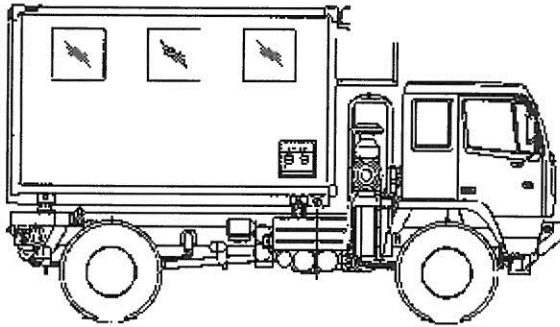


## M1079 Van

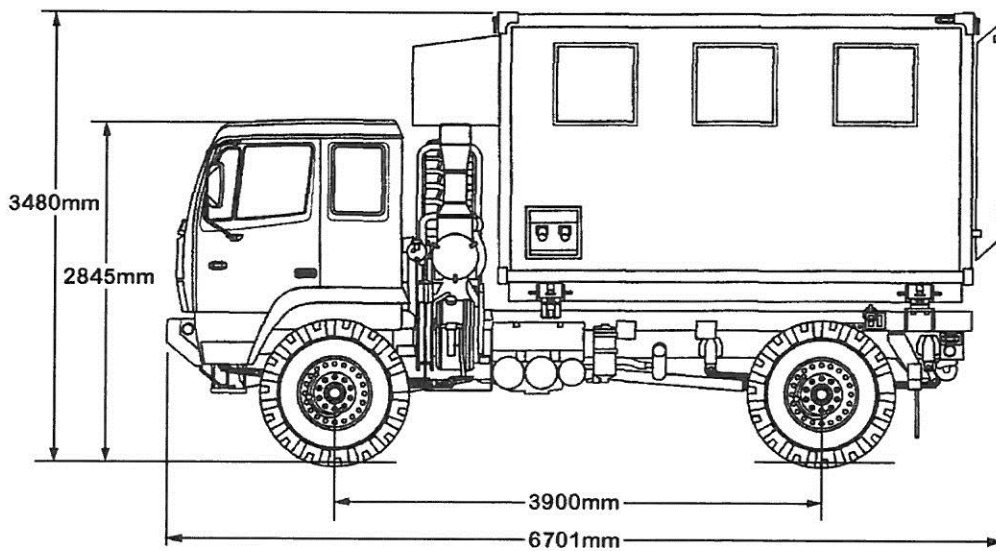


The M1079 Van is designed to be used as a mobile shop by Direct Support Unit Maintenance contact teams. The M1079 van body is constructed of aluminum and is equipped with 3 double paned windows, blackout shields, double rear doors, removable steps, and an AC/DC electrical junction box and multiple outlets. The van body can be equipped with heater and/or air conditioner. The M1079 can be equipped with a self-recovery winch kit capable of fore and aft vehicle recovery operations. The winch has 308 feet of line capacity and 10,000 pounds bare drum line pull at 110% overload.

LMTV

2.5-Ton

Van



No other tactical truck in its class can match its standard features:

- Full-time all-wheel drive
- Soldier-smart CTIS (Central Tire Inflation System)
- Fully automatic transmission
- Integral transfer case
- Anti-sway bar
- High horsepower-to-weight ratio
- Fully MANPRINT compliant
- HAEMP hardened

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### Basic Vehicle Information

Vehicle Model	M1079
NSN	2320-01-354-3384
Drive	4 x 4 (full-time) with locking interaxle differential
Engine	Diesel, EPA compliant, 225 hp
Transmission	Fully automatic
Axles	Single reduction with outboard planetaries
Cab	3-Man, cab-over-engine

Tires	Super singles with CTIS
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### Dimensions

Length	263" (6,701 mm)
Height	Operational 137" (3,480 mm) For Air Transport 105.5" (2,680 mm)
Width	96" (2,438 mm)
Wheelbase	153.5" (3,900 mm)
Vehicle Curb Weight	No Kits, Crew, Fuel 17,981 lb (8,156 kg)
Ground Clearance	Loaded 22" (559 mm)

× Performance Characteristics		
Maximum Speed	Governed, at Gross Weight	58 mph (94 km/h)
Range	Minimum, at Gross Weight	400+ mi (645+ km)
Maximum Grade		60%
Approach Angle		40°
Departure Angle	Standard	40°
Side Slope		30%
Fording	Without KIT	36" (914 mm)
	With KIT	60" (1,524 mm)
Payload		5,000 lb (2,268 kg)
Towed Load		10,362 lb (4,700 kg)
× Equipment Specifications		
Cab	Crew Seating	3-Man
	Seat Design	Fore/Aft adjustable
	Steering Wheel	Adjustable, tilt and telescopic
	Steering Type	Power assist
	Storage (behind seats)	4 cu-ft each
	Cab Suspension	Air spring with integral dampers
Engine	Caterpillar, Diesel, 6-Cylinder	6.6 L, turbocharged and aftercooled
	Rating	225 hp (168 kW) @ 2600 rpm, EPA-certified
	Governor	Mechanical
	Fuel	Diesel, DF-2, JP-4, JP-8, V V-F-800
	Oil	18 qt (17 L) (MIL-L-2104D, MIL-L-46167)
	Cooling	Water, radiator
	Fan	Engine-driven, clutch-type
Transmission	Allison	Fully automatic, electronically controlled
	Speeds	7 speeds, automatic/select
	Full-time All-wheel Drive	Integral transfer case with locking interaxle differential
	Normal Operation	30% torque front wheels, 70% torque rear wheels
	Off-Road (locked diff.)	Equal speed front-to-rear
	Oil	31.8 qt (30 L) (MIL-L-2104D, MIL-L-46167)

Axles	Rockwell	Front, Rear
	Carrier	Single reduction, amboid gearing
	Wheel Ends	Bevel gear wheel end reduction
	Wheel End Ratio	2:1
	Overall Axle Gear Ratio	7.8:1
	Front Axle Steering Angle	35°
	Brakes	Air-activated, internal expansion (wedge)
Alternator	Engine-driven	EMI/RFI suppressed, waterproof
	Rating Standard	100 amp
	Option	200 amp
	Voltage	12/24 V
Tire Inflation System	Eaton	Electronic (cab-mounted) controls <ul style="list-style-type: none"> <li>- Highway</li> <li>- Cross-country</li> <li>- Sand/Mud/Snow</li> <li>- Emergency</li> </ul>
	Van	Dimensions (external) Length 182" (4,622 mm), width 96" (2,438 mm), height 93" (2,362 mm) (internal) Length 144" (3,657 mm), width 90" (2,286 mm), height 78" (981 mm) Construction Waterproof, 3 double-panel windows with blackout shields, double rear doors with removable steps, aluminum construction with 100 lb in <sup>2</sup> point load capability, blown insulation with main electrical junction box and multiple outlet boxes, (air conditioner and heater - optional), and AD/DC/blackout lighting.
Self-Recovery Winch	Standard Option	Fore/aft recovery positions; hydraulic operation; 308 ft (93.9 m) line capacity; 11,000 lb (4,990 kg) bare drum line pull; 110% overload