The Family of Medium Tactical Vehicles (FMTV) provides the U.S. Army’s backbone for tactical unit mobility and logistics support throughout the battlefield. These vehicles are considered the most sophisticated off-road, multi-purpose military tactical vehicles in use, and are capable of operating worldwide on primary and secondary roads, as well as on trails and cross-country in weather extremes from -50°F (-46°C) to +120°F (49°C).

Product Numbers
NSN 2320-01-447-3894

**KEY FEATURES**

- Full-time all-wheel drive
- Fully automatic transmission
- Electronic Central Tire Inflation System (CTIS)
- Anti-lock Braking System (ABS)
- Interactive Electronic Technical Manuals (IETM)
- Fully MANPRINT compliant
- C-130 air transportable at GVW
- U.S. Army proven ultra-reliability
- Family of 16+ vehicles with 80% commonality
- U.S. Army certified 22-year corrosion protection
- Highest proven reliability of any tactical vehicle
### VEHICLE SPECIFICATIONS

<table>
<thead>
<tr>
<th>Specification</th>
<th>Measurement</th>
</tr>
</thead>
<tbody>
<tr>
<td>Length</td>
<td>251.7 in (6,394 mm)</td>
</tr>
<tr>
<td>Width</td>
<td>96 in (2,438 mm)</td>
</tr>
<tr>
<td>Height</td>
<td></td>
</tr>
<tr>
<td>Operational Height</td>
<td>112 in (2,845 mm)</td>
</tr>
<tr>
<td>For Air Transport</td>
<td>105.5 in (2,680 mm)</td>
</tr>
<tr>
<td>Unloaded Height</td>
<td>36 in (905 mm)</td>
</tr>
<tr>
<td>Wheel Base</td>
<td>153.5 in (3,900 mm)</td>
</tr>
<tr>
<td>Ground Clearance:</td>
<td></td>
</tr>
<tr>
<td>Loaded</td>
<td>22 in (559 mm)</td>
</tr>
<tr>
<td>Under Axle</td>
<td>14.4 in (365 mm)</td>
</tr>
<tr>
<td>Approach/Departure Angle</td>
<td>40˚/40˚</td>
</tr>
<tr>
<td>Vehicle Curb Weight</td>
<td></td>
</tr>
<tr>
<td>Fuel</td>
<td>14,332 lb (6,501 kg)</td>
</tr>
<tr>
<td>Payload</td>
<td>Consult Factory</td>
</tr>
<tr>
<td>Towed Load</td>
<td>12,000 lb (5,443 kg)</td>
</tr>
<tr>
<td>Maximum Speed:</td>
<td></td>
</tr>
<tr>
<td>Governed, at Gross Weight</td>
<td>58 mph (94 km/h)</td>
</tr>
<tr>
<td>Range, 58 gal (219 L)</td>
<td>400+ mi (645+ km)</td>
</tr>
<tr>
<td>Maximum Grade/Side Slope</td>
<td>60%/30%</td>
</tr>
<tr>
<td>Turning Circle:</td>
<td></td>
</tr>
<tr>
<td>Curb-to-Curb</td>
<td>61.7 ft (18.8 m)</td>
</tr>
<tr>
<td>Wall-to-Wall</td>
<td>65.7 ft (20 m)</td>
</tr>
<tr>
<td>Fording, without Kit</td>
<td>30 in (762 mm)</td>
</tr>
</tbody>
</table>

### EQUIPMENT SPECIFICATIONS

#### Cab:
- Design: 3-Man, Ergonomically Adjustable Driver Seat and Steering Wheel
- Steering: Power Assisted, Recirculating Ball Storage: 8 cu ft (2.4 cu m)
- Suspension: 3-Point Rubber Isolator

#### Engine:
- Caterpillar C7 Heavy Duty Diesel, 6-Cylinder, Electronic Controlled, Fuel-Injected Turbocharged and Aftercooled, EPA Certified
- Rating: 275 hp (205 kW) @ 2200 rpm
- Displacement: 441 cu in (7.2 L)
- Torque: 860 lb-ft (1,166 Nm) @ 1440 rpm
- Oil: MIL-L-2104D, MIL-L-46167, 22 qt (21 L)

#### Transmission:
- Allison 3700SP Automatic/Select 7-speed, Electronically Controlled
- Full-Time All-Wheel Drive
- Integral Transfer Case Normal Operation: 30% Torque Front Wheels, 70% Torque Rear Wheels; Off-Road, Equal Front and Rear Oil: MIL-L-2104D, MIL-L-46167, 31.8 qt (30 L)

#### Axles:
- ArvinMeritor Front and Rear Axles
- Carrier: Single Reduction, Ambroid-Gearing
- Wheel End: Bevel Wheel End Reduction, Ratio 2:1
- Overall Axle Gear Ratio: 7.8:1
- Front Axle Steering Angle: 35˚

#### Electrical:
- System: 12/24 volt, EMI/HAEMP Qualified, Resettable Circuit Breakers, Central Power Distribution Panel, Battery and Charging Management System
- Alternator: 260 amp, 12/24 volt, Waterproof, EMI/RFI Suppressed
- Starter: 24 volt Waterproof
- Instrumentation: SAE J1708 Data Bus Driven Instrument Cluster

#### Tires:
- Michelin 395/85R20XML All-Terrain

#### Brakes:
- Primary: Dual-Circuit, Four Channel Air, Anti-Lock Braking System (ABS) with Trailers ABS Connectors for Emergency Towing
- Supplemental: Air Actuated, Driver Controlled Exhaust Brake

#### Central Tire Inflation System, Eaton:
- Cab-Mounted Electronic Controls, Operable While Driving Highway, Cross-Country, Air Transport, Sand/Mud/Snow, and Emergency Modes

#### Diagnostics, Interactive Electronic Technical Manuals (IETM):
- Class V, Intrusive Diagnostics, SAE J1708/J1939 Data Buses to Diagnose All (4) Unique Electronic Control Modules (ECM)

#### Suspension:
- Front: Parabolic-Tapered Leaf Spring with Coil over Hydraulic Shock Absorbers
- Rear: Parabolic-Tapered Leaf Spring with Hydraulic Shock Absorbers and Stabilizer Bar

#### Transportability/Deployability:
- Internally: Air-transportable by C-130, C-141, C-17, and C-5A at GVW
- Externally: Transportable by CH-47 and CH-53 Helicopters

#### Self Recovery Winch:
- (Optional): 11,000 lb (4,990 kg) Rating, 280 ft (85.3 m) Line Capacity, Fore/Aft Recovery Positions

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