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
LIN T94709
NSN 2320-01-447-3892

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>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Length</td>
<td>366 in (9,304 mm)</td>
</tr>
<tr>
<td>Width</td>
<td>96 in (2,438 mm)</td>
</tr>
<tr>
<td>Height: Operational</td>
<td>112 in (2,845 mm)</td>
</tr>
<tr>
<td>Height: For Air Transport</td>
<td>105.5 in (2,680 mm)</td>
</tr>
<tr>
<td>Wheel Base</td>
<td>209 in (5,300 mm)</td>
</tr>
<tr>
<td>Ground Clearance: Loaded</td>
<td>22 in (559 mm)</td>
</tr>
<tr>
<td>Ground Clearance: 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 with Fuel</td>
<td>35,172 lb (15,954 kg)</td>
</tr>
<tr>
<td>Payload, Lift Capacity</td>
<td>11,000 lb (4,990 kg) plus kits</td>
</tr>
<tr>
<td>Towed Load</td>
<td>36,000 lb (16,330 kg)</td>
</tr>
<tr>
<td>Maximum Speed, Governed</td>
<td>58 mph (94 km/h)</td>
</tr>
<tr>
<td>Range, 78 gal (295 L) nominal</td>
<td>300+ mi (483+ km)</td>
</tr>
<tr>
<td>Maximum Grade/Side Slope</td>
<td>60%/30%</td>
</tr>
<tr>
<td>Turning Circle, Curb-to-Curb</td>
<td>77 ft (23.5 m)</td>
</tr>
<tr>
<td>Turning Circle, Wall-to-Wall</td>
<td>83 ft (25.3 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 Power Assisted, Recirculating Ball Storage 8 cu ft
- Suspension: 3-Point Rubber Isolator

#### Engine:
- Caterpillar C7, Heavy Duty Diesel, 6-Cylinder, Electronic Controlled, Fuel-Injected Turbocharged and Aftercooled, EPA Certified
- Rating: 330 hp (246 kW) @ 2400 rpm 441 cu in (7.2 L)
- Torque: 860 lb-ft (1,166 Nm) @ 1440 rpm Diesel, DF-2, JP-4, JP-8, VV-F-800
- 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, Intermediate and Rear Axles Carrier Single Reduction, Amboid-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: Tandem Axles with 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

#### Self Recovery Winch:
- (Standard) 15,500 lb (7,031 kg) Rating, 280 ft (85.3 m) Line Capacity, Fore Self Recovery Position; Main Recovery Winch Used for Aft Self Recovery Position

#### Wrecker Components:
- Lift and Tow: Provides Front or Rear Recovery of Disabled Vehicles, 11,000 lbs (4,990 kg) Lifting Capacity for Most Wheeled Military Vehicles
- Main Recovery Winch: 2 x 30,000 lb (13,608 kg) Line Pull Capacity
- Material Handling Crane: Hydraulic Operation, 270˚ Rotation, 6,500 lb (2,948 kg) Lift at 18 ft (5.5 m), 11,000 lb (4,990 kg) Lift at 7 ft (2.1 m), Includes Stabilizers and Local/Remote Controls

### FOR MORE INFORMATION CONTACT:

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