Line Haul Tractor

**MISSION**
Supports combat service and support units with transportation of bulk petroleum products, containerized cargo, general cargo, and bulk water.

**DESCRIPTION**
The M915A5 Truck Tractor is a 6x4 semi-tractor used to perform the Line Haul mission. The M915A5 is a block upgrade of the M915A3 system, incorporating enhanced suspension and power train components. This block upgrade allows the M915A5 to readily accept armor packages without reducing mission capability.

- **Gross vehicle weight rating:** 120,000 pounds
- **Unarmored Gross vehicle weight:** 26,500 pounds
- **Armored Gross vehicle weight:** 33,500 pounds
- **Fifth-wheel capacity:** six-inch, 30,000 pounds
- **Diagnosis:** Electronic

The M915A5 truck is equipped with a two-passenger cab and has an updated power distribution module, upgraded wiring harnesses, and a Roll Stability Control system. Auxiliary power connections have been added to supply emerging systems and added command, control, communications, computers, and intelligence communication systems. A pair of 60-gallon fuel tanks increase fuel capacity by 20 gallons to extend driving range. The cab is ten inches wider and extends 34 inches behind the driver and passenger seats. The vehicle has an improved ABS and an updated collision warning system.

The M915A3 Line Haul Tractor is the Army’s key line haul distribution platform. It is a 6x4 tractor with a two-inch kingpin and 105,000-pound gross combination weight capacity.

- **Brake system:** Anti-lock brake system (ABS)
- **Towing speed:** 65 miles per hour with full payload
- **Engine:** Detroit Diesel S60 (500 horse power, 1,650 pound-foot torque, DDEC IV engine controller)
- **Transmission:** Allison HD4500SP (six-speed automatic)

**Gross vehicle weight:** 52,000 pounds

**Fifth-wheel capacity:** two-inch, 30,000 pounds

**Diagnosis:** Electronic

**Brake system:** ABS

**Towing speed:** 65 miles per hour with full payload

**Engine:** Detroit Diesel S60 (430 horse power, 1,450 pound-foot torque, DDEC IV engine controller)

**Transmission:** Allison HD5460P (six-speed automatic) with power take-off

The M916A3 Light Equipment Transport (LET) is a 6x6 tractor with 68,000-pound gross vehicle weight tractor with 3-1/2-inch, 40,000-pound capacity, 45,000-pound winch for recovery and transport and compensator fifth wheel. It has an electronic diesel engine, automatic electronic transmission, ABS, and is capable of operating at speeds up to 60 miles per hour on flat terrain. This Non-Developmental Item vehicle is used primarily to transport the M870 40-ton low-bed semi-trailer.

The M917A2 and M917A2 Truck Chassis, 75,000 gross vehicle weight rating, 8x6 (for 20-ton dump truck), 12-cubic yard dump truck vehicles are authorized in Corps units, primarily the construction and combat support companies and the combat heavy battalions. It has an electronic diesel engine, automatic electronic transmission, ABS, and is capable of operating at speeds up to 55 miles per hour on flat terrain.

**SYSTEM INTERDEPENDENCIES**
In this Publication
None

**PROGRAM STATUS**
- Production completed of all M915A5s currently on contract, 220 produced
- Fielding completed to all CONUS based units

**PROJECTED ACTIVITIES**
- Continue divestment of older M915 variants (A0, A1, A2, A4)
- Development of M915A3, M915A5, & M916A3 C-Kit armor
- Initiation and development of Heavy Dump Truck (HDT) program
Line Haul Tractor

FOREIGN MILITARY SALES
Afghanistan

CONTRACTORS
Prime:
Daimler Trucks North America
   LLC/Freightliner (Portland, OR; Cleveland, NC)
Engine:
Detroit Diesel (Detroit, MI)
ABS Brakes:
Meritor (Troy, MI)
Dump body:
Casteel Manufacturing (San Antonio, TX)