



MACK GRANITE® -
M915 Line-Haul Replacement Tractor (LHRT)
The next generation in military line-haul by Mack®.





LHRT PRODUCT SPECIFICATIONS



Engine:	MP8, EURO III engine, (non- EGR) 13L, 485 HP, 1805 lb-ft torque 525 HP, 1860 lb-ft torque available JP8 fuel compatible Mack Powerleash™ engine brake V-MAC IV® Engine Protection System Mack Starter Protection	Cab:	Extended cab with interior storage Two armor kits available: A-Cab: Ballistic walls, composite firewall and floor, commercial non-ballistic doors with opening windows, safety glass windshields, under cab blast shield attached to chassis frame B-Kit: Armored doors with proprietary air assist opening and closing, composite armor overlay on side and rear walls, ballistic windshields/side glass
Transmission:	Allison® SP 4500 Series with Prognostics, 5-speed automatic	Electrical:	24V start, 12V lighting 270A alternator, 400A available Hawker® Armasafe Plus batteries with battery disconnect switch LED headlights, clearance, and marker lights LED blackout lighting
Configuration:	6 x 4	Electronics:	VMAC-IV® Electrical Architecture GuardDog® active maintenance monitor system
Driveline:	Dana® Spicer® SPL extended lube	Electrical Communication:	SAE J1939 and SAE J1708/J1587 data buses
Front Axle:	Mack FXL front axle with sealed wheel bearings 20,000lbs (9,072 kg) rating Taperleaf spring suspension 20,000lbs (9,072 kg) rating Axle forward position	Collision Warning System:	Eaton® VORAD®
Rear Axles:	Meritor® RT 46-160 rear axle with inter-axle lock Mack 6-rod tandem spring suspension 46,000lbs (20,865 kg) rating	Arctic Package:	Engine pre-heater, block and oil pan heater, exhaust pressure governor (EPG)
Brakes:	Meritor Q Plus® Bendix® 4S/4M ABS, 6S/6M ABS, ESP roll stability available	Fuel Capacity:	439L (116 gallons)
Air System:	Meritor-Wabco® System Saver® twin air dryer	Range:	600 miles (966 kilometers) on ULSD
Air Cleaner:	Under hood, single element, dry type with scavenged boost air pre-cleaner	GVWR:	66,000 lbs (29,937 kg)
Front Tires:	Michelin® XZUS® 315/80R22.5 Central Tire Inflation and run flat tires available	GCVWR:	120,000 lbs (54,431 kg)
Rear Tires:	Michelin® XZUS® 315/80R22.5 Central Tire Inflation and run flat tires available	Ground Clearance:	38cm (15")
Frame:	9.5mm x 300mm x 90mm tempered steel section 510cm (201") wheelbase 419cm (165") platform 427cm (168") bumper to back of cab	Overall Height:	295cm (116") to top of cab
Fifth Wheel:	Holland® FW31 no-lube, air slide	Survivability:	In cab AFES, self sealing fuel tanks (fire suppression under hood, on fuel tanks, and at tires available)

Customized options available to meet mission requirements.



A VETERAN. READY FOR DUTY.



Mack MP8 Engine is Fully JP8 Fuel Compatible

- The Mack Military Group is part of the world's largest manufacturer of integrated powertrains. From bumper to bumper, Mack has engineered everything to the same legendary standards.
- The MP8 engine draws on proven technology to ensure performance and long-life. A single overhead cam, one piece steel pistons, and rear geartrain provide low vibration levels and superior serviceability.
- Power is available in ratings up to 525HP and 1860lb-ft of torque giving the Mack LHRT the ability to haul loads at a full 120,000lbs GCVWR— even up a 20% grade. Mack has designed the MP8 to handle severe-duty cycles with a high efficiency cooling system that keeps heat rejection to a minimum.
- The MP8 is certified to Euro III emission standards without any use of aftertreatment technology such as EGR or SCR. In addition to typical Ultra-Low Sulfur Diesel (ULSD) the MP8 engine has been optimized to accept JP8 fuel with no additions or alterations to the engine. No matter what the operating locations are, the Mack Granite LHRT is up to the challenge.

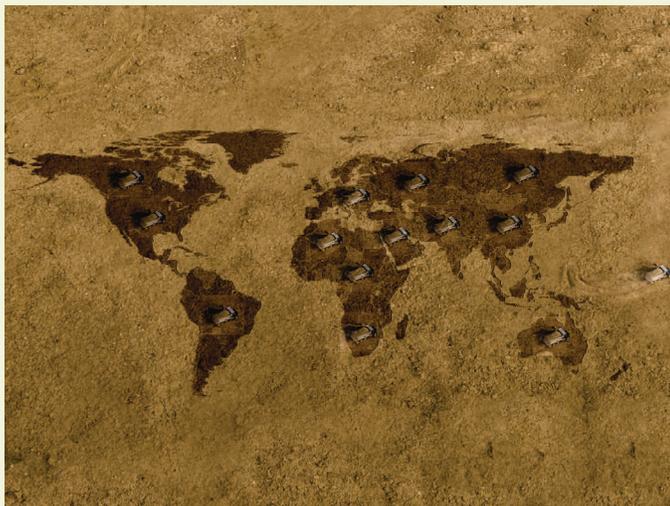
Durable Mack Axles and Construction Chassis

- Unitized wheel hubs are permanently sealed with synthetic grease and require no maintenance at all. Dirt and water are sealed out— forever.
- In conjunction with our axles and suspension, the Granite LHRT is available with Bendix® ESP®, a fully integrated control system that prevents loss of stability and traction in rain, ice/snow, mud, sand, and during extreme cornering.
- Designed to handle the worst road conditions possible, the Granite LHRT offers the toughest chassis Mack has ever built with up to a 30% off-road capability rating.



All-New Cab Offers More Storage and Protection Than Ever

- The Granite LHRT has armor flexibility and upgradeability never before seen in a military line-haul tractor. No welding is used in the installation of armor plating, allowing for a simple upgrade from basic A-cab to combat ready B-kit, and anywhere in between. B-kit doors come with a proprietary pneumatic air-assist option allowing a heavy armored door to be opened/closed with ease. In the event of a rollover, the assisted opening feature will open the door vertically for a fast escape path.
- The extended cab feature drastically increases storage capacity for supplies or personal equipment— especially important for multi-day supply runs. In the event of an emergency, the extra cab space can hold several additional occupants. A third egress route is available via a rooftop hatch. For combat situations, the LHRT can be upgraded with a remote weapons station on the rooftop hatch.
- An in-cab automatic fire extinguishing system (AFES) uses heat and infrared detection technology to automatically extinguish an internal fire. The extinguishing compound does not inhibit visibility and is safe for vehicle occupants. AFES systems are also available for tires, fuel tanks, and underhood.



Worldwide Parts and Distribution Network

- As a member of the Volvo Group, Mack Trucks, Inc. benefits from being part of the world's largest producer of heavy-duty trucks and truck components. With a distribution network reaching 120 countries worldwide, no matter what the customer demands, you can count on Mack to be there.



OUR REPUTATION WAS EARNED ON THE BATTLEFIELD.

We take pride in building military-tough trucks, chassis, powertrains and JP8 compatible engines. And whether you need dependable trucks or reliable components, our global parts and service network is always standing at the ready. Mack trucks have supported U.S. troops for more than a century. Today, we proudly continue that tradition. MACK. A VETERAN. READY FOR DUTY.

Mack Government/Military Office | 320 King Street, Suite 301 | Alexandria, VA 22314
Tel: (703) 683-7010 | Fax: (703) 548-1337 | MackMilitary@macktrucks.com



www.mackmilitary.com