



The MSHA-approved VM Motori 2.8L Turbo Diesel (MSHA APP#07-ENA140001) develops 197 horsepower and 343 ft. lb. of torque at a maximum 3600 RPM. It's free from exhaust aftertreatment and is designed to operate on a wide variety of diesel fuels. A greatly enhanced cooling system allows the J8 to keep its cool in the hottest environments. All service points, including the PCM, fuse block, and lube points are easily accessible.



The intake air filtering system on the J8 is designed to handle severe environments and is easily serviceable.



J8s are equipped with a tough mil-spec Dana M44 heavy-duty front axle equipped with 3.73 gears and an open differential for easy maneuverability in tight spaces.



A tough Dana M60 HD rear axle has 3.73 gears and an anti-spin differential. The J8 is equipped with heavy duty rear leaf springs affording a maximum payload of 2,566 pounds and a trailer towing capacity of 7,716 pounds.



Heavy-duty front coil springs, shocks, and a proven five link suspension system provide great load capacity and a comfortable ride. The J8 frame is factory reinforced at all stress points.



Quality Rigid Industries LED lights illuminate the darkness.



Fueling is easily accomplished via the approved fuel cap. Note the safety cutoffs and a portion of the fire suppression system.



Comfortable bucket seats combat occupant fatigue, no matter how tough the work environment.



The mine duty front bumper is very strong and functions as the J8's front line of defense.



This J8 is configured using Mopar's JK-8 pickup cab, turning it into a useful two-passenger utility pickup.



The tailgate is reinforced, as is the heavy-duty mine duty rear bumper with pintle hitch and D-ring shackles.



The J8 has legible instruments, accessible lighting controls, and fire suppression system.



Load Range E BFGoodrich Rugged Trail all-terrain tires are mounted on 17" steel rims for tough underground duty.

J8

Jeep

RAM

UNDERGROUND



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Since WWII, Jeeps have been on duty as the premier utility vehicle worldwide. Jeeps are designed for missions where both vehicle and occupants encounter real threats and challenges in the planet's toughest environments, yet continue to deliver what operators expect from Jeep vehicles.

The underground mining J8 transport is based on Jeep's latest Wrangler Unlimited, the number one vehicle of choice for extreme backcountry explorers. Jeep takes an already competent vehicle and builds it tougher, stronger, and more capable than its civilian counterpart. The J8 is tested to a duty cycle three times more demanding than the civilian Jeep JK Wrangler.

The J8 is powered by a MSHA-approved VM Motori 2.8L Turbo Diesel (MSHA APP#07-ENA140001) that develops 197 horsepower and 343 ft. lb. of torque at a maximum 3600 RPM. This reliable engine is free from exhaust aftertreatment and is designed to operate on a wide variety of diesel fuels. A greatly enhanced cooling system allows the J8 to keep its cool in the hottest environments. The 5-speed W5A580 Chrysler automatic transmission shifts smoothly and the Jeep NV241J transfer case features a 2.72:1 low range ratio. Unlike its civilian Wrangler counterpart, the J8 has a tough Dana M60 HD rear axle with 3.73 gears and an anti-spin differential. The strong, military Dana M44 front axle has 3.73 gears and an open differential for maneuverability.



The J8 is equipped with heavy duty rear leaf springs rather than the JK Wrangler's coil springs, affording a maximum payload of 2,566 pounds and a trailer towing capacity of 7,716 pounds! The front suspension is a beefed-up version of the Wrangler's

coil/link suspension system. A tough vehicle starts with a tough frame and the J8's frame is significantly reinforced and strengthened for mining use at the factory. The body is reinforced at stress points to ensure tough, trouble-free operation.

Unlike most underground transportation vehicles, the J8 is manufactured in the same modern assembly plants as other Jeep vehicles. This ensures consistent build quality, uniformity, and availability of component parts. 90% of the parts on a J8 are common to civilian JK Wranglers and are readily available through multiple outlets, including any Jeep dealer worldwide. The parts that are J8-specific are stocked internationally by Chrysler and are readily available through J8 certified dealers worldwide. Parts catalogues are constantly updated by Chrysler and are available on line or on CD, and interactive on line diagnostic information and wiring diagrams are available along with CD manuals. The J8 uses the same diagnostic equipment as the entire Chrysler family of vehicles and that equipment is available to any mine operator. Chrysler warrants the complete powertrain for 12 months or 20,000km.



Mining -Specific Modifications Available

- Base J8 chassis are available in either a two- or four-door configurations with seating for two or five people respectively
- Flatbed or pickup style vehicles are available in two- or four-door configurations with customizable wheelbases based on customer specifications
- Personnel carriers are available with a capacity of up to 10 occupants.
- Mine duty front and rear bumpers are available
- Custom engineered FOPS and ROPS are available
- An engine-driven air compressor capable of a constant 70 CFM @ 100PSI is available
- An enclosed wet disc parking/emergency

brake is available

- A complete enclosed wet disc braking system for both parking and service brakes is currently under development
- Overall top speed can be governed to either 15 or 25 MPH
- MSHA-compliant fire suppression systems are available

The J8 is the only vehicle (along with the Ram Pickup) produced by a major manufacturer in significant volume that has been successfully utilized in the underground market. The Jeep J8 has the advantage of parts and service availability that does not lock the operator into going back to the manufacturer for spares. Additionally, parts and repair procedures will remain as stable as any other Chrysler vehicle. As parts are produced in very large quantities, cost is dramatically lower than unique components and are available for a much longer period of time.



TOUGHNESS, RELIABILITY, SERVICEABILITY

The Jeep J8 is the smart vehicle choice for operators. It meets underground mining requirements, cuts downtime and improves the bottom line.

