

UD 1400 vs Mitsubishi FE-HD & SP



VAN-FREIGHT BODIES, FLAT BEDS, STAKE BEDS



SPECIALTY, UTILITY and REFRIGERATION BODIES



UD TRUCKS are Distributed by NISSAN DIESEL AMERICA, Inc.
Nissan Diesel America Inc.—5930 West Campus Circle Drive, Irving, Texas 75063

Comparing the UD1400 to the Mitsubishi FE-HD / FE-SP

What makes the UD TRUCK by Nissan Diesel Motors different? *The high standard of quality, lasting durability, engineering technology and attention to manufacturing detail set this truck apart from all of the competitors. Impressive driving performance and a low cost per mile in maintenance will keep your UD TRUCK customers - your customers for many years to come.*

** red font indicates UD TRUCK ADVANTAGE*

ENGINES

UD1400

Engine Model Nissan FD46TA

145 H.P @ 2,800 rpm Diesel with manual transmission

175 H.P @ 2,800 rpm Diesel with automatic transmission

Displacement-4.6 Liter

Cooling System capacity - 4. 92 gallons

Mitsubishi FE-HD

Engine Model Mitsubishi 4D34-3AT3B

145 H.P @ 2,900 rpm Diesel with manual transmission

145 H.P @ 2,900 rpm Diesel with automatic transmission

Displacement-3.9 Liter

3.7 gallons

UD1400

Engine Model Nissan FD46TA

145 H.P @ 2,800 rpm Diesel with manual transmission

Displacement-4.6 Liter

175 H.P @ 2,800 rpm Diesel with automatic transmission

Displacement-4.6 Liter

Cooling System capacity - 4. 92 gallons

Mitsubishi FE-SP

Engine Model Mitsubishi 4M34-3AT3B & 4M50-1AT2

145 H.P @ 2,900 rpm Diesel with manual transmission

Displacement-3.9 Liter

175 H.P @ 2,700 rpm Diesel with automatic transmission

Displacement-4.9 Liter

3.4 gallons

UD1400

Oil filtration - Dual element

2 oil filters offer double the filtering, keeping the *blood* of engine clean.

Cold Starting Aid –Electric intake air heater

Isuzu /GMC uses the antiquated glow plug which is a high maintenance item that can lead to unscheduled downtime, UD's air preheater requires no maintenance and typically can last the life of the engine.

Oil Change Intervals –10,000 miles due to dual filtration

Air Intake Snorkel-Mounted high on the driver side rear

Mounting the snorkel high and on the clean side of the hi-way provides the engine with cleaner and cooler air. Cooler air helps with fuel economy and clean air makes the engine last longer.

Mitsubishi FE-HD / SP

Oil filtration - Single element

Cold Starting Aid –Glow Plugs

Oil Change Intervals –6,000 miles

Air Intake Snorkel-Mounted passenger side

CAB DESIGN

Power Door Locks and Windows– Standard Equipment

3 Man Seating

Overhead Storage Area

Cab Suspension System - Shock Absorber mounted cab.

UD's cab "floats" down the road by using double acting hydraulic shocks at the rear of the cab. This design allows for greater driving comfort but more importantly helps to prevent running gear vibration from compromising cab electrical integrity and helps keep cab welds intact.

Power Door Locks and Windows– Standard Equipment

3 Man Seating

Not Available

Cab Suspension System– none, liquid type mounts

AXLES AND SUSPENSION

UD1400

G.V.W.R. 14,250

Front Axle Capacity - 6,170 lb.

Rear Axle Capacity - 11,500 lb.

Rear Spring Lubrication - Grease zerks

UD1400

G.V.W.R. 14,250

Front Axle Capacity - 6,170 lb.

Rear Axle Capacity - 11,500 lb.

Rear Spring Lubrication - Grease zerks

Mitsubishi FE-HD

G.V.W.R 14,050

Front Axle Capacity - 5,290 lb.

Rear Axle Capacity - 9,480 lb.

Rear Spring Lubrication- Grease zerks

Mitsubishi FE-SP

G.V.W.R 14,500

Front Axle Capacity - 5,510 lb.

Rear Axle Capacity - 9,920 lb.

Rear Spring Lubrication- Grease zerks

TRANSMISSIONS

UD1400

Aisin Automatic Overdrive

Nissan 5 speed manual w Overdrive

11.8" hydraulic clutch

Manual Transmission Clutch Wear Indicator

Disc Front, Drum rear, self adjusting , vac./ hydr.

Anti Lock System

Exhaust Brake

Brake Wear Indicators on rear duals

Mitsubishi FE-HD /SP

Aisin Automatic Overdrive

Mitsubishi 5 speed manual w Overdrive

11.8" hydraulic clutch

Not Available

Disc Front and Rear, vac. / hyd.

Anti Lock System

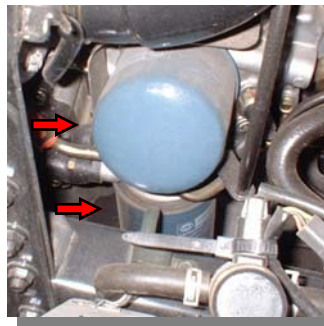
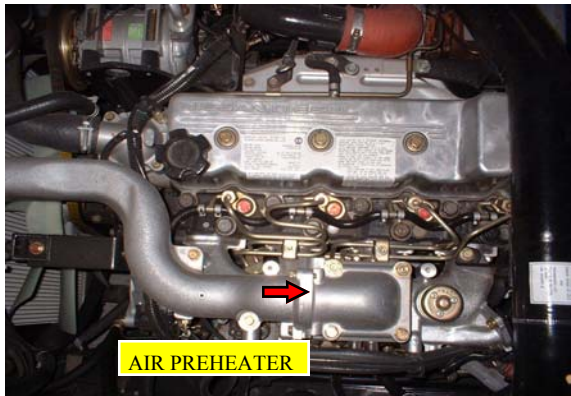
Exhaust Brake

Not Available

BRAKES

WARRANTIES

The Base Vehicle is for 2 years, the Engine and Automatic Transmission are covered for 3 years, all with unlimited mileage. Offered by both manufactures. See warranty sheet for details. **The UD warranty on the water pump, head gasket and front and rear crankshaft seals is for 3 full years with unlimited mileage, while the Mitsubishi only allows only 2 years warranty on these crucial engine protection items.**



Dual oil filters for 10,000 oil changes. MD-TICS Injection System

The **FD46TA engine by Nissan Diesel** is turbo charged and intercooled and uses the same bore and stroke as the UD Truck Medium Duty Engine- the FE6TA. It also features Direct Injection, for increased fuel economy and excellent performance. This engine uses the MD-TICS Injection mfg. by Bosch, an electronically controlled system, it is a significant enhancement over the mechanical style pump offered by Mitsubishi. The block is sleeved and uses dry cylinder liners for reduced rebuild costs, it is a true -rebuildable diesel engine. The cylinder head is also fully rebuildable with replaceable valve guides and seats. The oil pump is gear driven and an oil cooler insures proper oil viscosity. To keep the blood of the engine clean Nissan uses 2 oil filters, also prolonging oil changes to 10,000 miles. UD uses a modern design non maintenance air preheater rather than the high maintenance glow plug. **Nissan Diesel stands behind this hard working engine with a 3 year unlimited mileage warranty and offers an additional 5 year or 200,000 mile Extended Protection Plan that covers the engine, automatic or manual transmission, rear axle housing , front axle assembly and side frames for a nominal fee.**

QUICK REVIEW

UD TRUCKS have a **3 Year / unlimited mileage engine and automatic transmission warranty and a 2 year/ unlimited mileage chassis warranty. Covering the water pump, head gasket and front and rear main seals for a full 3 years –not 2 years.**

UD TRUCKS come with **10,000 mile oil change intervals** thru the use of dual oil filters. Compare the savings to Mitsubishi's 6,000 mile intervals.

UD TRUCKS use modern technology with it's non maintenance **air preheater** rather than maintenance type glow plugs.

UD TRUCKS use a **cab suspension system** , a feature found only in class 8 trucks, to help keep the cab welds and cab electrical integrity intact.

UD TRUCKS UD1200 are standard equipped with **power door locks** and **windows.**

UD TRUCKS are equipped with **heavier** capacity **front and rear axles.**

UD TRUCKS have **greater coolant capacity** to help increase engine life.



TRUCKS