



# UD 1800HD



# TRUCKS

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**Nissan Diesel America, Inc.**

## REAR AXLE

GAWR 13,000 lb.  
Rated Axle Capacity 16,540 lb.  
Axle Type Full-floating banjo housing  
Suspension Type Semi-elliptic leaf springs with auxiliary springs

## WHEELS & TIRES

Tires Front: Single, highway tread  
Rear: Dual, traction type  
215/75R17.5 - 14PR (tubeless radial)  
Wheels Steel disc type, 6 hole,  
6.00 x 17.5 in., offset 5.3 in.

## BRAKE SYSTEM

Service Brakes Anti-lock Braking System  
Dual line, air-over-hydraulic brake system  
Front Internal expanding, two leading shoe,  
self-adjusting drum brakes  
Drum diameter x lining width x lining  
thickness: 12.60 x 4.33 x 0.47 in.  
Rear Internal expanding, dual two leading shoe,  
self-adjusting drum brakes  
Drum diameter x lining width x lining  
thickness: 12.60 x 5.31 x 0.47 in.  
Air Tanks Supply: 641 in.<sup>3</sup>  
Front service: 549 in.<sup>3</sup>  
Rear service: 641 in.<sup>3</sup>  
Total: 1,831 in.<sup>3</sup>  
Air Dryer Standard  
Parking Brake Hand brake lever activating drum at  
rear of transmission

**EXHAUST BRAKE** Electrically controlled, pneumatically  
activated butterfly valve in exhaust pipe

**CHASSIS FRAME** Ladder type, channel section side rails

Wheelbases	E, F, H, K		N	Hi Tensile Option
				F, H
Dimensions (in.) *	9.21 x 2.76 x 0.28	9.21 x 3.15 x 0.28	9.21 x 2.76 x 0.28	
Assembled Width (in.)	33.9	33.9	33.9	
Section Modulus (in. <sup>3</sup> ) **	18.3	20.2	18.3	
Yield Strength (psi)	42,600	42,600	51,200	
RBM (in.-lb.) chassis	780,000	860,000	937,000	
per-rail	390,000	430,000	468,000	

\*Height x Flange Width x Thickness

\*\*Measured at back-of-cab

**FUEL TANK** Round fuel tank, mounted to left side  
Capacity - 33 gallons

**CAB** Forward control, steel welded construction,  
tilting cab. Cab suspension with hydraulic  
shock absorbers

Cab Glass Windshield, tinted laminated, 2,314 in.<sup>2</sup>  
Door Locks Driver & passenger, electric control  
Door Vent Window Driver, ventilating type  
Driver's Seat Height & seat back angle adjustable  
Cloth cover, high back type  
Passenger Seat Seat back angle adjustable  
Cloth cover, high back type  
Seat Belts Driver & passenger, 3-point ELR type  
Rearview Mirrors West coast type, 6.0 x 15.1 in.  
Steering Column Tilt & telescopic type  
Sun Visors Driver & passenger  
Windshield Wipers Dual, electric-driven, intermittent & 2 speed  
Windows Driver & passenger, electric control

## ELECTRICAL EQUIPMENT

Halogen headlights, 2 lamps  
Back-up lights  
Cigar lighter  
Clearance, identification & position lights  
Day-time running lights  
Interior and map light  
License light  
Side turn signal lights  
Stop/tail lights  
Turn signal/hazard lights

## INSTRUMENTS

Meters & Gauges

Air pressure gauges  
Coolant temperature gauge  
Fuel gauge  
Speedometer, odometer & trip meter  
Tachometer

Warning & Indicator  
Lights & Buzzers

ABS warning light  
Air filter service light  
Air heater indicator light  
Alternator low charge warning light  
Cab lock warning light & buzzer  
Engine control system warning light  
Exhaust brake indicator light  
Hazard warning flasher  
High beam indicator light  
Low air pressure warning light & buzzer  
Low brake fluid level warning light  
& buzzer  
Low coolant level & overheating  
warning light & buzzer  
Low oil pressure warning light  
Parking brake indicator light  
Service brake warning light & buzzer  
Turn signal indicator lights  
Warning lights with burnt-out bulb  
check function  
Automatic Transmission:  
- Check warning light  
- Range inhibited warning light  
- High temperature fluid warning  
light & buzzer

## OTHER OPTIONS

Air conditioner  
AM/FM stereo radio with CD  
Block heater  
Center console/ third seat  
Driver's suspension seat  
Hi tensile frame rails (F & H wheelbases only)  
Rear wheel parking brake

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