

# UD1400

2007 MODEL YEAR



# TRUCKS

Distributed by  
Nissan Diesel America, Inc.

WHEELBASES	A	C	E
GVWR (lb.)	14,250	14,250	14,250
Chassis Weight (lb.)	5,475	5,585	5,655
Front (lb.)	3,735	3,855	3,935
Rear (lb.)	1,740	1,730	1,720
Gross Payload (lb.)*	8,775	8,665	8,595
Wheelbase (in.)** WB	108.9	131.9	149.4
Cab-to-Rear Axle (in.) CA	83.4	106.4	123.9
Rear Overhang (in.) RO	49.6	49.6	49.6
Overall Length (in.) OL	203.2	226.2	243.7
Typical Body Lengths (ft.)***	10/12	14/16	16/18
Turning Radius (ft.)	17.4	20.7	23.0

\*Gross payload capacity equals GVWR minus chassis weight. Installation of specialized equipment or bodies may require frame reinforcement. \*\*Wheelbase selection should be based on specific weight distribution. \*\*\*Typical body lengths assume water level load (no specific consideration for driver, passengers, or fuel) to maximize GVWR. Addition of ancillary equipment such as lift gates and refrigeration units not considered in calculations.

## ENGINE

MD-175\* 16 valve  
Turbo/Intercooled Diesel  
In-line 4 cylinder, Direct-injection

Horsepower 175 hp @ 2,700 rpm (automatic transmission)  
Torque 347 lb. ft. @ 1,600 rpm (automatic transmission)  
Displacement 289 in.<sup>3</sup> (4.728 L)  
Cylinder Liner Dry, replaceable  
Fuel System Electronically controlled, common rail system

Air Cleaner 11.0 in., dry type  
Cold Starting Aid Automatic electric glow plug  
Fan Viscous type drive

\*MD-175 (J05D-TA) is a vendor engine manufactured for Nissan Diesel Motor Company

## FRONT AXLE

GAWR 5,360 lb.  
Rated Axle Capacity 6,170 lb.  
Axle Type "I" Beam  
Suspension Semi-elliptic leaf springs  
Shock Absorbers Double acting, telescopic type



\*UD1400 shown here with dealer installed optional equipment.

## TRANSMISSION

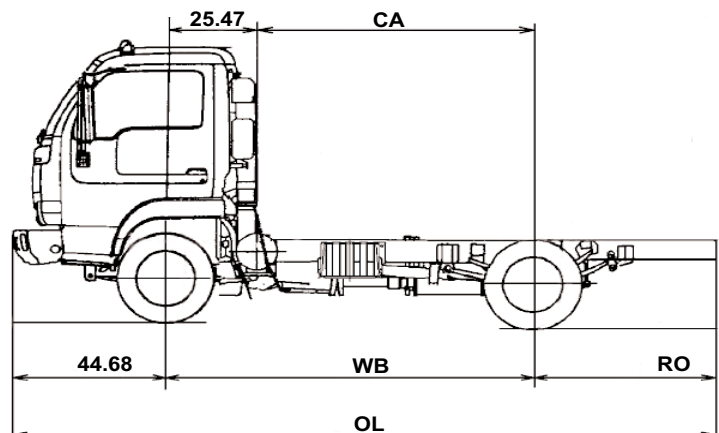
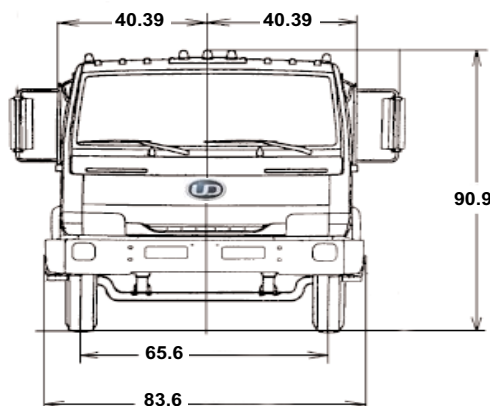
Aisin A45043L  
Automatic Full electronic control  
4 speed overdrive with lockup & park lock

## Ratios

1st	3.02
2nd	1.55
3rd	1.00
4th	0.70
Rev.	2.68
R/A Ratio	5.29
Engine rpm @ 65 mph	2,750

## STEERING

Steering Column Integral power steering  
Tilt & telescopic type



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## REAR AXLE

GAWR	9,880 lb.
Rated Axle Capacity	11,500 lb.
Axle Type	Full-floating banjo housing
Suspension	Semi-elliptic leaf springs with auxiliary springs

## WHEELS & TIRES

Tires	Front: Single, highway tread Rear: Dual, traction type 215/85R16 - 10PR (tubeless radial)
Wheels	Steel disc type, 6 hole, 6 x 16 in., offset 5.0 in.

## BRAKE SYSTEM

Service Brakes	Anti-lock Braking System Dual line, hydraulic brake system with vacuum assist
Front	Ventilated disc brakes
Rear	Internal expanding, dual two leading shoe, self-adjusting drum brakes
Parking Brake	Hand brake lever activating drum at rear of transmission

## EXHAUST BRAKE

Electrically controlled, vacuum activated butterfly valve in exhaust pipe

## CHASSIS FRAME

Ladder type, channel section side rails

Dimensions (in.)*	7.09 x 2.36 x 0.18
Assembled Width (in.)	29.5
Section Modulus (in. <sup>3</sup> )**	6.29
Yield Strength (psi)	44,000
RBM (in.-lb.)**	554,000

Rear Inner Reinforcement STD on A & E Wheelbase

\*Height x Flange Width x Thickness \*\*Measured at back-of-cab, specifications based on complete chassis (both rails)

## FUEL TANK

Round fuel tank, mounted to right side  
Capacity - 33 gallons

## CAB

	Forward control, steel welded construction, tilting cab with cab suspension
Air Conditioner	Standard
Assist Handles	Two, driver & passenger
Cab Glass	Windshield, tinted laminated glass - 1900 in. <sup>2</sup>
Center Console	Standard
Center Seat	Folding with center console
Door Locks	Driver & passenger, electric control
Driver's Seat	Fore/aft and seat back angle adjustable cloth cover with headrest
Keyless Entry	Standard
Passenger Seat	Fixed with headrest
Seat Belts	Driver & passenger, 3-point ELR type, center seat w/2-point lap belt
Rearview Mirrors	West coast type, 6.5 x 11 in. with Convex type, 5.8 x 4.3 in.
Steering Column	Tilt & telescopic type
Sun Visors	Driver & passenger
Windows	Driver & passenger, electric control
Windshield Wipers	Dual, electric-driven, intermittent & 2 speed

## ELECTRICAL EQUIPMENT

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

## INSTRUMENTS

Meters & Gauges  
Coolant temperature gauge  
Fuel gauge  
Speedometer, odometer & trip meter  
Tachometer

## Warning & Indicator Lights & Buzzer

ABS warning light  
Alternator low charge warning light  
Automatic transmission:  
- Check warning light  
- High temperature fluid warning light  
- Overdrive cancel indicator light  
Brake low vacuum warning light  
Engine control system warning light  
Engine glow plug indicator light  
Exhaust brake indicator light  
Hazard warning flasher  
High beam indicator light  
Low oil pressure warning light  
Low brake fluid level warning light  
Low coolant level light & buzzer  
Parking brake indicator light  
Sedimentor warning light  
Turn signal indicator lights  
Warning lights with burn-out bulb check function  
Backup alarm

## OTHER OPTIONS

AM/FM stereo radio with CD  
Block heater

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