

# Volvo D13 Engine Specs

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## Volvo D13 Engine Specs

engine's sweet spot reducing engine friction and increasing fuel efficiency. Basic specs for the Volvo XE13 package: - On-highway application - Maximum GCW 80K lbs - Volvo D13 engine • 405 hp/(1650-1450) lb-ft • 425 hp/(1750-1450) lb-ft • 455 hp/(1850-1550) lb-ft - Volvo I-Shift transmission • Automated 12-speed

## Volvo Trucks. Driving Progress VOLVO D13 Engine family

Close position to turbocharger assures precision EGR control for better fuel economy Volvo air intake pre-heater Assures starting in frigid climates The Volvo D13's efficiency, power and light

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weight improves reliability and operating costs, while meeting EPA regulations. Fourteen power ratings are available, from 375 to 500 hp.

### **Volvo D13 Engine Family - bangortrucks.com**

In D13 regional haul specifications, the target is 1375 rpm at 65 mph. For example, with 80K lbs GCW, 1650 lbs-ft torque, 295/75R22.5 drive tires and .74 top gear ratio, the 3.36:1 axle ratio would come closest to the 1375 rpm at 65 mph recommendation. Never specify a Volvo D13 engine for a cruise speed above 1550 rpm.

### **Volvo Trucks. Driving Progress VOLVO D13 ENGINE FAMILY**

Engine designation D13-700 No. of cylinders and configuration in-line 6 Method of operation 4-stroke, direct-injected, turbocharged diesel engine with charge air cooler Bore/stroke, mm (in.) 131/158 (5.16/6.22) Displacement, l (in3) 12.78 (779.7) Compression ratio 16.5:1 Dry weight bobtail, kg (lb) 1450 (3197) Crankshaft power, kW (hp) @ 2300 rpm 515 (700) Max. torque, Nm (lbf.ft) @ 1200 rpm 2930 (2162) Emission compliance IMO NOx, EU RCD Stage II, US EPA Tier 3 Rating 3\* Recommended fuel to ...

### **D13-700**

The Volvo D13 delivers the perfect combination of fuel efficiency and power for a wide range of applications, and the reliability your customers demand. The D13 offers twelve power ratings from 375 to 500 hp. Three XE, six Eco-Torque, and three Dual-Torque ratings provide the fuel economy of lower torque, with the strong performance of higher torque.

### **Volvo Trucks North America Volvo D13 Power Diesel Engines ...**

(According to the engine brochure, the D13 with Turbo Compounding is available from 405-455 hp with up to 1,850 lb-ft. of torque. The engines work together with the Volvo I-Shift for maximum...

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## **Volvo's D13TC engine updated for greater fuel efficiency**

The newly designed D13 engine sees the company move into the 1000hp engine range for the first time. Volvo Penta's 1000-hp D13 diesel engine Volvo Penta. The D13-IPS1350 further strengthens the exciting new line-up, delivering more power and increased durability for yachts up to 120 feet.

## **Volvo Penta's Biggest Marine Engine: The D13 | Boating ...**

Volvo Trucks North America Date Group No. Release Page Service Bulletin 4.2016 200 321 12 2(50) Specifications General Weights and Dimensions Engine type In-line direct injection diesel Number of cylinders 6 Displacement 13 L Swept volume 12.78 L Cylinder bore and stroke 131 x 158 mm (5.16 x 6.22 inches) Emissions level EPA 07: 2.5g NOx; 0.1g Pt maximum

## **Volvo Trucks North Trucks - JustAnswer**

Engines: Volvo D13TC 375-500 hp 1450-1850 lb-ft. Volvo D13 405-500 hp 1450-1850 lb-ft. Volvo D11 325-425 hp 1250-1550 lb-ft. Cummins X15 400-565 hp 1450-1850 lb-ft.

## **Volvo VNL Specifications | Volvo Trucks USA**

9. 735. 9. 735. Displacement litres. 0.5. 16.1. 0.5. 16.1.

## **Volvo Penta Inboard Shaft Engine Range | Volvo Penta**

Page 3: Volvo D13 Engine Section 01: ENGINE 1. VOLVO D13 ENGINE provide input to the EMS: • Ambient Air Temperature Sensor 1.1 SYSTEM OVERVIEW • Ambient Pressure sensor NOTE • Boost Air Pressure (BAP) Sensor The “Premium Tech Tool” (PTT) is the • Camshaft Position (Engine Position) Sensor preferred tool for performing diagnostic work.

## **VOLVO D13 USER MANUAL Pdf Download | ManualsLib**

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ENGINES TRANSMISSIONS FRONT AXLES Front Suspensions REAR AXLES REAR SUSPENSIONS  
FRAME RAIL PACKAGES INTERIOR TRIM PACKAGE 173.1" (4397 mm) 52.2" (1326 mm) 61" Mid-Roof  
Sleeper; Long Hood Volvo D11 325-405 hp @ 1250-1450 lb-ft Volvo D13 335-485 hp @ 1350-1650  
lb-ft Volvo D16 450-535 hp I-Torque @ 1650-1850 lb-ft

### **VOLVO VN 630 SPECIFICATIONS, OPTIONS, AND ENGINES VOLVO VN 630**

Specifications. Engine Make Volvo. Engine Model D13. Engine HP 455. Engine Brake Yes. Sleeper  
77" Condo + Workstation. Transmission Auto Ishift. Rear Axles Tandem. Real Axle Weight 40,000 lb.

### **2015 Volvo VNL780, Volvo D13, I-shift AUTO, 77" Condo ...**

Volvo C70 Wiring Diagram Pdf – There are many how-to video lessons that one could choose for  
auto repairs. Anything from an easy wheel alteration to switching your energy filter are available in  
online video form.

### **2018 Volvo Reviews, Specs, Engine - Volvo Owners Manual**

Volvo D13 Engine Specifications Being a multifaceted semi-truck engine, the D13 has 12 different  
power ratings, all ranging from 375 HP to 500 HP. These ratings include three XE, six Eco-Torque,  
and three Dual-Torque ratings, all of which help the D13 to achieve a torque range of 1,450 to  
1,850 lb-ft.

### **Volvo D13 Engine Review Indianapolis IN | Andy Mohr Trucks ...**

D13C – Power/torque. Net output according to EC 582/2011. D13C420 (309 kW) Max power at  
1400-1900 r/min. 420 hp. Max torque at 1000-1400 r/min. 2100 Nm. D13C460 (338 kW) Max power  
at 1400-1900 r/min.

### **Volvo FH - Powertrain specifications | Volvo Trucks**

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Volvo announces 1,850 lb.-ft. torque rating for D13 Engine by Truck News March 21, 2013  
LOUISVILLE, Ky. — Volvo Trucks is boosting peak torque in its 13-liter D13 engine with the introduction of a 500 horsepower, 1,850 lb.-ft. torque engine rating. The engine is suited for linehaul, heavyhaul and on- and off-highway vocational applications.

### **Volvo announces 1,850 lb.-ft. torque rating for D13 Engine ...**

D13 "The Volvo D13 features 14 different power ratings ranging from 375 up to 500 horsepower. A new variable geometry turbocharger provides quick response to throttle inputs while improving fuel economy.

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