



DETROIT DIESEL



DD13™

Fuel-efficient design delivers bottom-line benefits

Designed specifically for intrastate local distribution and vocational applications, the DD13 delivers a smooth, quiet ride and improved fuel economy.

Demand Economy:

- Smart, fuel-efficient design makes the most of every litre
 - Amplified Common Rail System (ACRS) optimises each injection event to minimise fuel consumption
 - Advanced cooling system allows for decreased fan on time, minimising fuel consumption

Demand Serviceability:

- Lower your cost of ownership with easier serviceability
 - Longest scheduled maintenance intervals in its class
 - Oil, coolant and fuel filters are positioned above the frame rails for easier, faster and cleaner filter changes
 - 65% parts commonality with DD15 means unmatched parts availability
 - Maintenance-free crankcase breather
 - Common serviceability with DD15 ensures trained technicians available

Demand Performance:

- Meet your deadline every time
 - Enjoy less shifting with an extremely wide and flat torque curve
 - Three-stage integrated Jacobs brake offers quieter engine braking and provides superior braking horsepower for extended service brake life
 - Overall robust design provides B50 life of 1 million kms
 - Sturdy rear gear train and ribbed cast iron block minimise noise vibration harshness (NVH)



DD13 SPECIFICATIONS

Configuration	Inline 6 Cylinder
Displacement	781 cu. in. (12.8 L)
Compression Ratio	17:3:1
Bore	5.20 in. (132 mm)
Stroke	6.15 in. (156 mm)
Weight (Dry)	2540 lb. (1152 kg)
Electronics	DDEC® VI
Clutch Engagement Torque	1018 lb-ft
Oil Capacity	40 L
Dimensions (H x W x L)	1346 x 1304 x 1484

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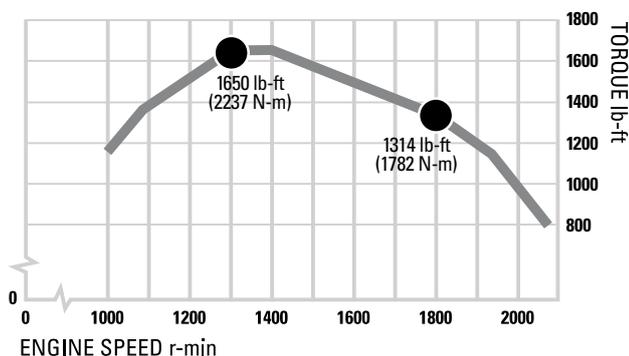
OWN THE ROAD



Technical Specifications

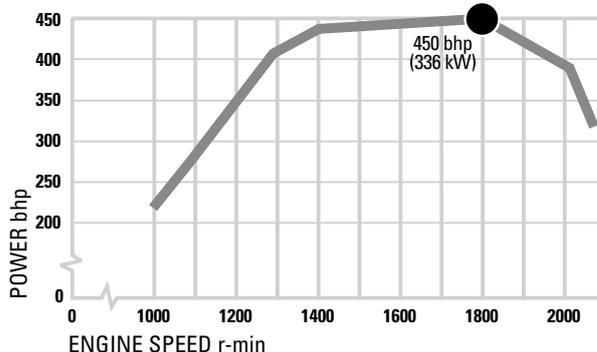
Torque Curve

450 bhp @ 1800 r-min – 1650 lb-ft



Horsepower Curve

450 bhp @ 1800 r-min – 1650 lb-ft



Power Ratings

DD13 Engine Power Ratings	
450 HP @ 1800 RPM	1550 lb-ft @ 1200 RPM
450 HP @ 1800 RPM	1650 lb-ft @ 1200 RPM

Maintenance Intervals

Maintenance Item	Severe-Duty	Short-Haul	Long-Haul
Engine Oil and Filter Change	40,000 km	40,000 km	40,000 km
Fuel Filter Change	40,000 km	40,000 km	40,000 km
Valve Lash Adjustment	90,000 km or nearest scheduled maintenance interval		

* Based on mandatory use of Detroit Diesel CJ-4 approved lube oil and oil analysis program.

Standard Warranty

Item	Warranty Limits (Whichever Occurs First)		Repair Charge (Paid by Owner)	
	Months	Miles / Kilometres	Parts	Labour
Engine	0-24	Unlimited	No charge	No charge
Injectors	0-24	320,000 km	No charge	No charge
Upon expiration of the 24-month warranty coverage, but within 800,000 km of use, the warranty continues to apply as follows:				
Major Components	25-60	800,000 km	No charge	Not covered

* Refer to standard warranty parchment.

Extended Service Coverage

Extended Service Coverage			
Agreement Limitation		Adjustment Charge	
Years	Kilometres	Parts	Labour
5	1,000,000*	No Charge	No Charge

* Deductible in Years 3 – 5, Fuel Burn and Engine Hours. The engine must be maintained in accordance with Detroit Diesel operator's guide. For complete details and customer obligations please refer to P3 Agreement.

More Torque. More Power. More Fuel Efficiency. More Reliability. More Support.
Demand it all at DD13.com.au or call 1300 MTU DETROIT (1300 688 338)

MTU Detroit Diesel Australia