



FORD COMPONENT SALES

2.0L Panther EcoBlue Engine 105ps

Technical Specifications

Engine Type: Diesel

Block / Head: Iron/ Aluminium

Bore x Stroke (in): 84 x 90

Displacement (litres / cu. in): 1996cc

Main Bearings: 5

Compression Ratio: 16.5:1

Fuel Injection: Sequential
Multiport Fuel Injection

Valve Operation: Direct Acting
Mechanical Bucket (DAMB)

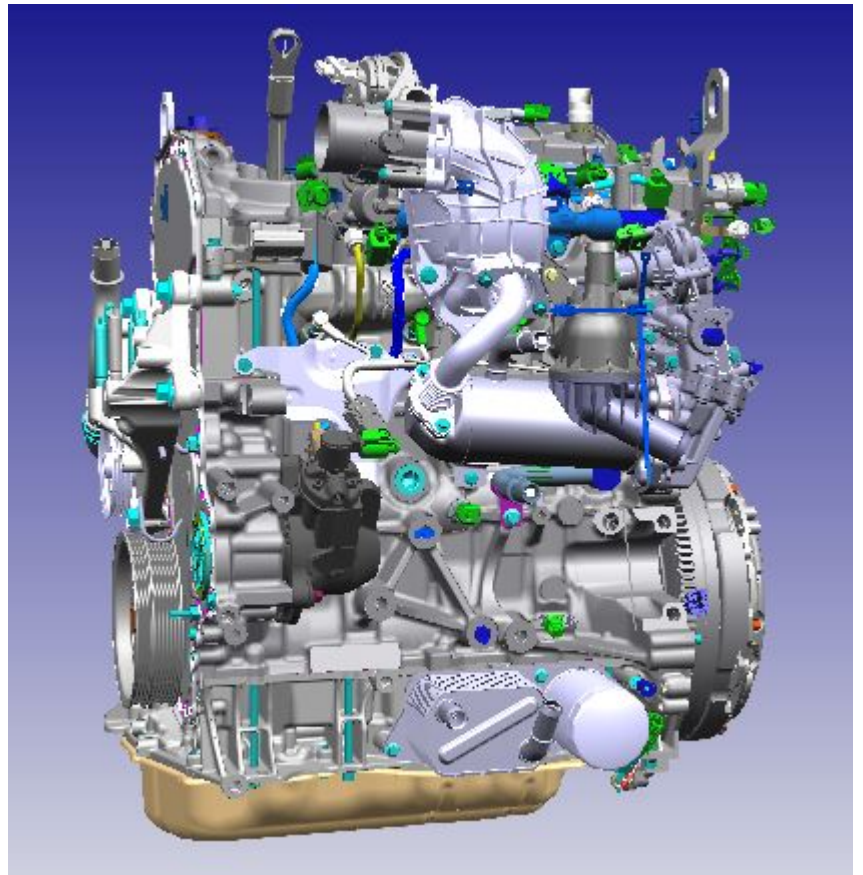
Power (KW @ 3500 RPM): 77

Torque (Nm @ 1750-2500 RPM): 360

Oil Capacity / Spec:
11 qt/ WSS-M2C950-A

Weight (lbs.): 220 (Engine as
shipped)

Dimensions (mm) :
830 x 502 x 612



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Key Features & Benefits

Aluminum engine block and cylinder head help contribute to low vehicle weight

Camshafts driven by timing chain, not belt, for more robustness

DOHC design uses four valves per cylinder improves engine breathing and performance

Direct Acting Mechanical Bucket (DAMB) valvetrain with polished buckets to reduce friction and improve fuel economy no adjustment needed throughout engine life (150,000 miles)

Sequential multi-port electronic fuel injection provides fuel at precisely the right moment for optimum performance

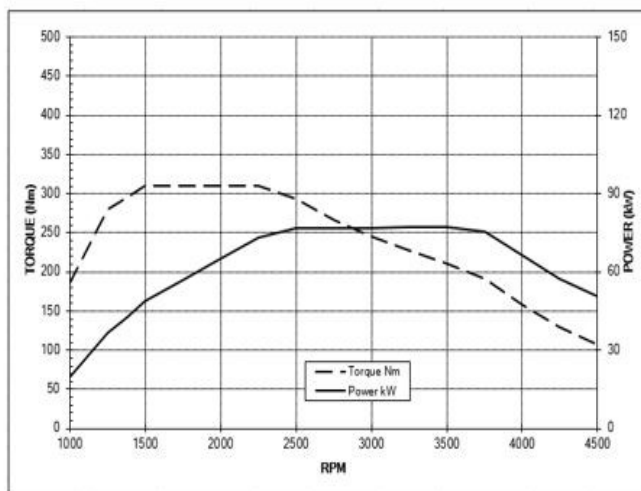
Coil-on-plug ignition system design replaces spark plug wires for high-mileage durability

Electronic throttle control, also known as "drive by wire" uses electronic sensors to operate the throttle

Gaseous Fuel Capable Option

Intake-Variable Cam Timing allows the camshafts to operate the intake valves at different times in the combustion cycle, based on speed and load. It adjusts the timing for maximum performance and efficiency

Composite intake manifold for improved airflow



Performance Data (actual)		
RPM	Torque (Nm)	Power (kW)
1000	185	19.4
1250	280	36.7
1375	295	42.5
1500	310	48.7
1750	310	56.8
2000	310	64.9
2250	310	73.0
2500	293	76.7
2750	267	76.9
3000	245	77.0
3250	227	77.3
3500	211	77.3
3750	192	75.4
4000	158	66.2
4250	129	57.4
4500	107	50.4
Declared Max Power kW / rpm		77.3 / 3250-3500
Declared Max Torque Nm / rpm		310 / 1500-2250

Declared Max Power (kW): 77.3 @ 3250-3500rpm
Declared Max Torque (Nm): 310 @ 1500-2250rpm

Specifications, features, and benefits applicable to engines and transmissions are based on Ford products, and may vary with different applications. Pictures and details shown are for illustrative purposes only (actual product may vary). Additionally, the availability of the product(s) described herein may vary. Contact Ford Component Sales, for details. Please note powercurves are valid at time of publicationfordcomponentsales