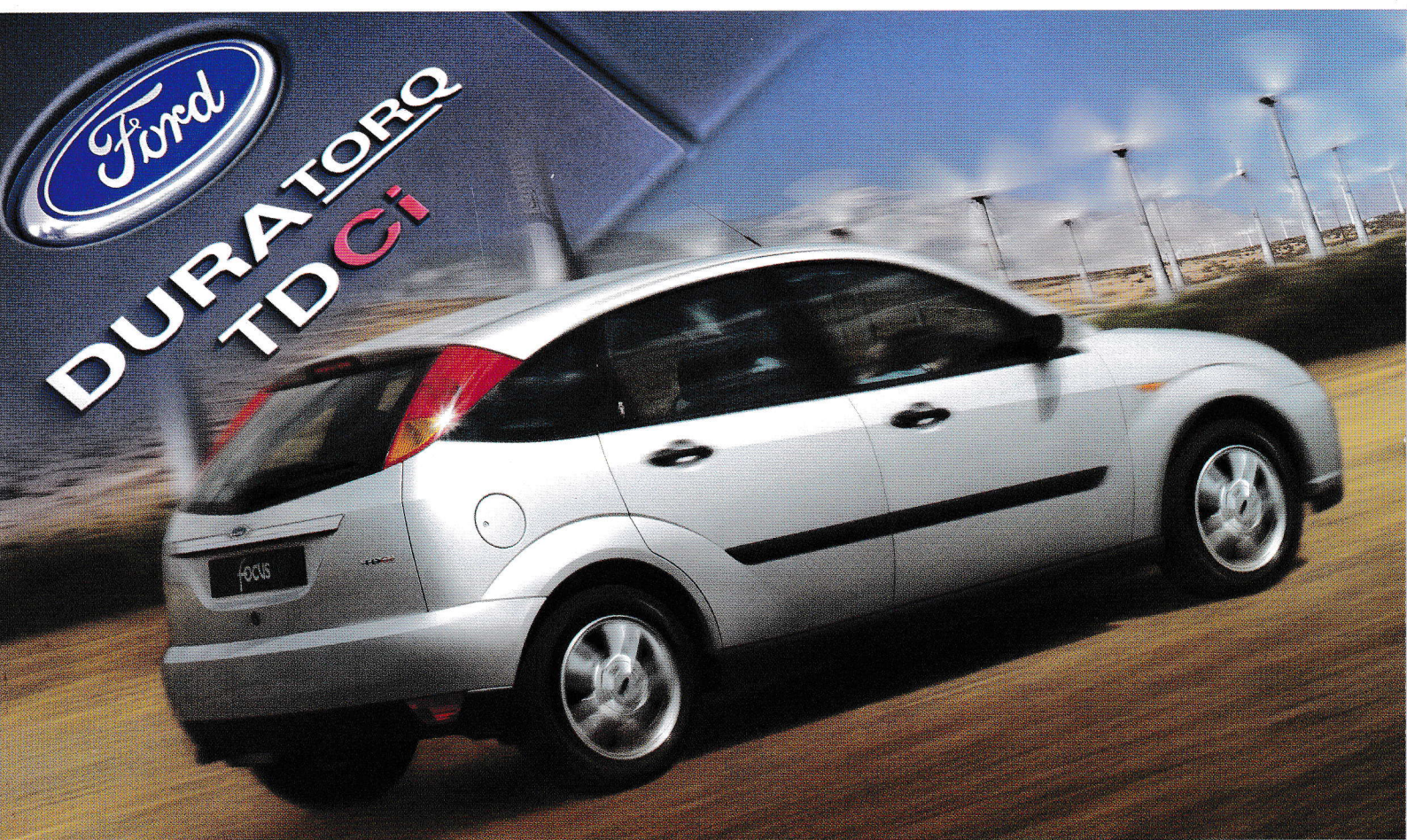


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ford**focus** TDCi





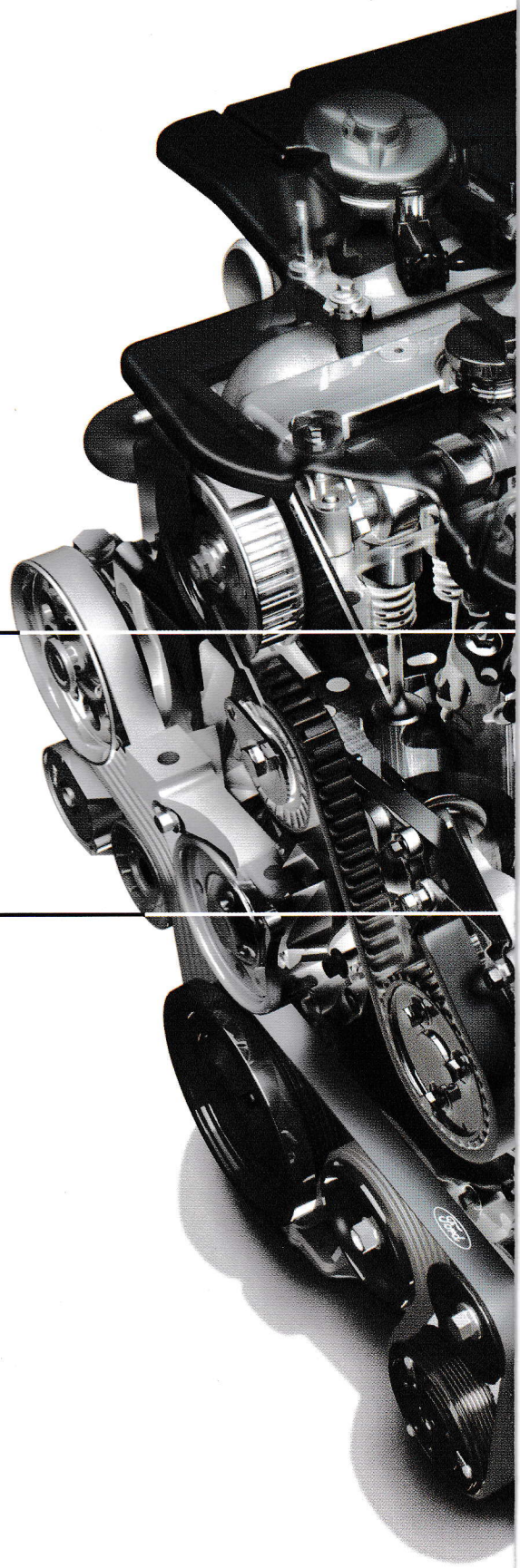
second-generation common-rail technology

The latest generation in turbo-diesel technology joins the proven 1.8-litre TDDi engine, for the ultimate in Ford Focus driving enjoyment. Superbly quiet and powerful, the Ford Focus's diesel line-up puts diesel engine refinement in a new league.

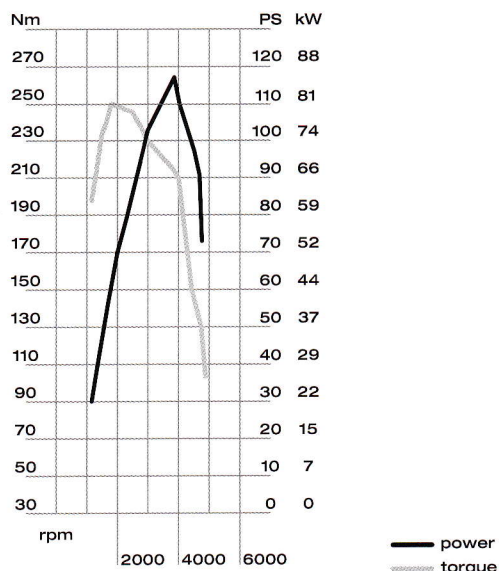
more power, more torque

The new common-rail engine has vastly improved levels of performance, driving quality and refinement. Powerful and lively, even at low revs, this smooth-running engine produces 115 PS and 250 Nm of torque at only 1850 rpm. So there's plenty of pulling power right across the rev range, for safe and relaxed overtaking. And, thanks to the unique 'overboost' capability, this innovative engine delivers a maximum torque up to 280 Nm, giving even greater acceleration ability for short periods of overtaking.

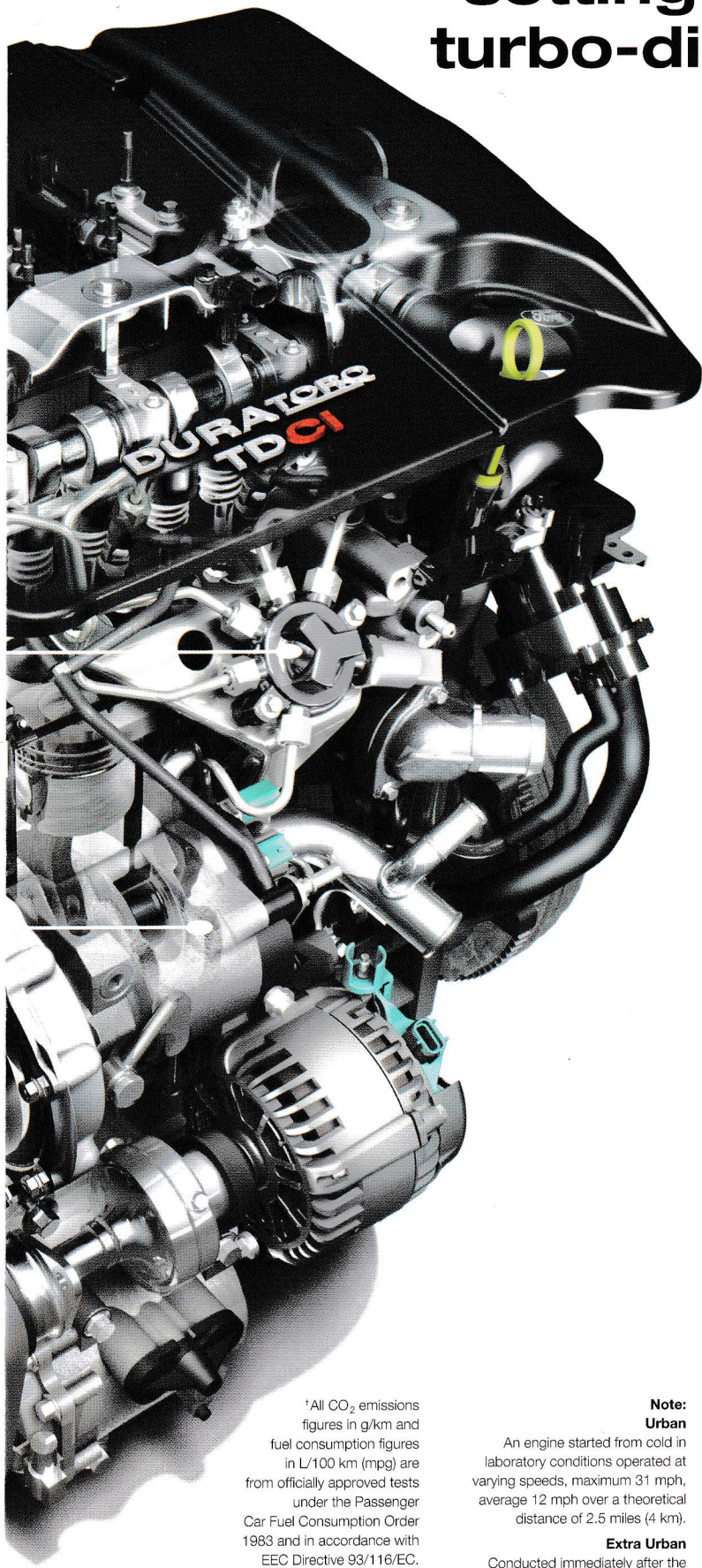
The 1.8-litre TDCi diesel uses a dual-stage vane-cell pump which generates pressures of up to 1400 bar. In the TDCi engine, this means an ultra-fine spray of fuel can be injected incredibly accurately into the cylinders, up to 3,000 times a second, to optimise engine performance, giving more efficient combustion and more power. What's more, this pressure is generated regardless of engine speed, giving it its characteristic responsive and smooth power delivery.



1.8 TDCi Common Rail Diesel



setting new standards in turbo-diesel performance



more refinement

Sound quality is one of the major benefits of the new common-rail system, and the TDCi has 'Noise Reduction Technology', making it the most refined diesel engine in its class. The Noise Reduction Technology, 'accelerometer pilot control' (APC), is an ingenious listening system that 'hears' combustion noise levels. And, making constant adjustments every 0.3 milliseconds to the pilot and main injectors, it makes the Focus incredibly quiet. This, coupled with a dual-mass flywheel, which gives smoother power take-up, results in a quieter, more refined drive.

economical and clean

When it comes to reductions in emissions and fuel economy, the new 1.8-litre TDCi engine leads the way. This revolutionary common-rail system uses a two-stage injection, a pilot and a main injection. Because the fuel is injected in smaller bursts, the resulting progressive and smooth fuel combustion is both quieter and more efficient.

long-term durability

The new 1.8-litre Duratorq TDCi engine has been carefully analysed to increase quality and durability. Thanks to the TDCi's Noise Reduction Technology constantly optimising engine operation, the new common-rail diesel delivers maximum efficiency with minimal engine wear. The Noise Reduction Technology is just one of the many advances which have helped increase service intervals to every 12,500 miles.

technical data

	3dr	4dr	5dr	Estate
Performance				
Top speed (mph)	111	111	111	111
0-62 mph (secs)	12.5	12.5	12.5	12.9
31-62 mph* (secs)	11.1	11.1	11.1	11.4
* In 4th gear				
	3dr	4dr	5dr	Estate
Economy L/100 km (mpg)[†]				
Urban	7.2 (39.2)	7.2 (39.2)	7.2 (39.2)	7.2 (39.2)
Extra Urban	4.5 (62.8)	4.4 (64.2)	4.5 (62.8)	4.5 (62.8)
Combined	5.5 (51.4)	5.4 (52.3)	5.5 (51.4)	5.5 (51.4)
CO ₂ (g/km)	145	142	145	145

[†]All CO₂ emissions figures in g/km and fuel consumption figures in L/100 km (mpg) are from officially approved tests under the Passenger Car Fuel Consumption Order 1983 and in accordance with EEC Directive 93/116/EC.

The Government CO₂ emissions and fuel consumption test figures shown in the chart do not express or imply any guarantee of the fuel consumption of a car of the class in question (see back cover). All the figures are based on tests conducted on vehicles with standard wheels and tyres; optional or accessory wheels and tyres may have an effect on the emissions and fuel consumption of a vehicle.

Note: Urban

An engine started from cold in laboratory conditions operated at varying speeds, maximum 31 mph, average 12 mph over a theoretical distance of 2.5 miles (4 km).

Extra Urban

Conducted immediately after the urban cycle, it consists of half steady speed driving and half varying speed driving, maximum 75 mph over a distance of 4.3 miles (7 km).

Combined

This is an average of the two parts of the test, weighted by the distances covered in each part. All vehicles are 5-speed manual unless auto stated. All petrol engines are equipped with a catalytic converter.

Illustrations, descriptions and specifications.

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