

Chapter 2 Part C: Zetec engine - in-car engine repair procedures

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Degrees of difficulty

Easy, suitable for
novice with little
experience



Fairly easy, suitable
for beginner with
some experience



Fairly difficult,
suitable for competent
DIY mechanic



Difficult, suitable for
experienced DIY
mechanic



Very difficult,
suitable for expert
DIY or professional



2C

Specifications

General

Engine type	Four-cylinder, in-line, double overhead camshaft
Engine code:	
1.6 litre models	LSE
1.8 litre models	RDA, RDB
Capacity:	
1.6 litre models	1397 cc
1.8 litre models	1796 cc
Bore:	
1.6 litre models	76.0 mm
1.8 litre models	80.0 mm
Stroke - all models	88.0 mm
Compression ratio:	
1.6 litre models	10.2:1
1.8 litre models	10.0:1
Firing order	1-3-4-2 (No. 1 cylinder at timing belt end)
Direction of crankshaft rotation	Clockwise (seen from right hand side of vehicle)

Cylinder head

Hydraulic tappet bore inside diameter	28.250 to 28.420 mm
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Camshafts and hydraulic tappets

Camshaft bearing/journal diameter	23.960 to 23.980 mm
Camshaft bearing journal to cylinder head running clearance	0.020 to 0.070 mm
Camshaft endfloat	0.080 to 0.200 mm

Lubrication

Engine oil type/specification	See Chapter 1
Engine oil capacity	See Chapter 1
Oil pressure	No information available at time of writing
Oil pump clearances	No information available at time of writing

Ford Zetec Ignition Repair Manual

Roman Wölfel



Ford Zetec Ignition Repair Manual:

The Ford Focus Maintenance and Repair Guide Pasquale De Marco, 2025-08-12 The Ford Focus Maintenance and Repair Guide is the definitive guide to maintaining and repairing your Ford Focus Whether you re a seasoned mechanic or a first time car owner this book has everything you need to keep your Focus running smoothly With clear concise instructions and detailed illustrations The Ford Focus Maintenance and Repair Guide covers all aspects of Focus maintenance from basic tasks like oil changes and tire rotations to more complex procedures like brake repairs and transmission overhauls You ll also find troubleshooting tips and diagnostic advice to help you identify and fix any problems that may arise In addition to the comprehensive maintenance and repair information The Ford Focus Maintenance and Repair Guide also includes A detailed overview of the Focus model range including all generations and trim levels Troubleshooting tips and diagnostic advice for common problems A glossary of automotive terms and acronyms A resource guide with contact information for Ford dealerships and parts suppliers Whether you re looking to save money on maintenance costs or simply want to learn more about your car The Ford Focus Maintenance and Repair Guide is the perfect resource With The Ford Focus Maintenance and Repair Guide you ll have the knowledge and confidence to keep your Ford Focus in top condition for years to come Order your copy today and start enjoying a hassle free driving experience If you like this book write a review *93 - 97 Ford Ranger Repair Manual* , This is the PDF service repair manual for the Ford Ranger 1993 1997 The same manual autoshops and dealers reference to This isnt your everyday off the shelf autostore manual This manual is guranteed to be better than any autostore manual Detailed drawings Detail diagrams Detail step by step instructions Covers more than standard manuals Available as PDF no more damage manuals Chapters include Body Frame and Mounting Engine Suspension Driveline Brakes Transmission Clutch Exhaust system Fuel system Steering Climate Control system Instrumentation and Warning systems Battery and charging system Audio system Lighting Electrical Power supply [Chilton's Import Emission Diagnosis and Service Manual with Vacuum Circuits, \[cars and Most Light Trucks\].](#) ,1982 [Chilton's Auto Service Manual](#) ,1998

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