

Volkswagen Crafter Workshop Manual

4-cylinder diesel engine (2.1 engine, common rail) - Edition 03.2016

1 - Exhaust manifold with turbocharger

- Remove complete unit only.
- Removing and installing [A.00000.000](#).

If the oil return line is separated at the hose clip [A.00000.000.000](#) or if it is damaged, the forces of the oil return line must be released.

- Check oil supply lines for damage before installing them.
- Tube tightening sequence and installation positions [A.00000.000](#).
- When turbocharger and connecting pipes are being assembled, it is essential that the correct hose set - 3152 (Electronic Parts Catalogue) is used.

2 - Exhaust gas temperature sensor 1 - 0225

- Lubricate thread of sensor using high-temperature grease in Electronic Parts Catalogue.
- Exhaust temperature sensor 1 - 0225 must not be bent or forced when removing and installing.
- Exhaust temperature sensor 1 - 0225 must not contact any other component or insulation.
- Set to 0.

3 - Nut

- Remove after removing.
- 24 Nm.
- Tightening sequence [A.00000.000](#).
- Procedure for dismantling and assembly.
- Position turbocharger on studs on cylinder head.
- Tighten turbocharger bolts in specified sequence [A.00000.000](#).
- Initially, tighten nut hand tight. Then, tighten bolts again to prescribed torque.

4 - Gasket

- Remove after removing.

5 - Gasket

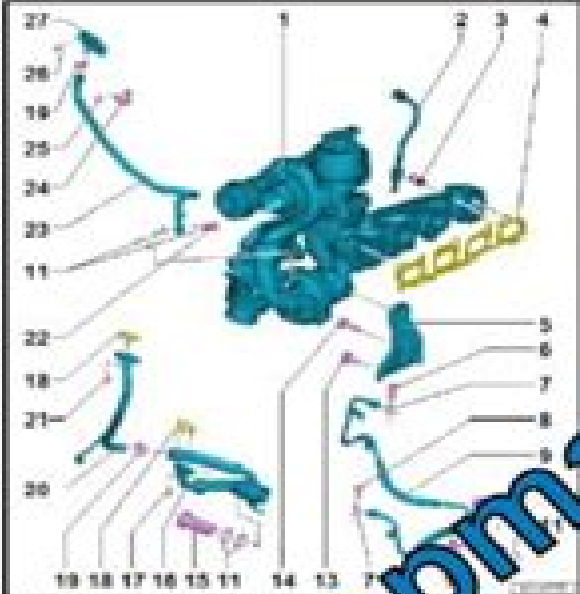
- Remove after removing.

6 - Bore seal

- 30 Nm.

7 - Double seal

- Remember that there are various sizes.
- Remove after removing.



4-cylinder diesel engine (2.1 engine, common rail)

Version A: lock crankshaft pulley with mark in position

- Lock crankshaft pulley in position with crankshaft stop - T10490.
- Marking on toothed belt pulley - 2 - and crankshaft stop - 1 - must align.
- Pin of crankshaft stop - T10490 - must engage in hole of timing flange.
- The crankshaft stop - T10490 - can be pulled out of the toothed belt pulley only from the front side.

For crankshaft pulley

- It is possible to use crankshaft stop - T10490.
- Lock crankshaft pulley with crankshaft stop - T10490.
- Pin of crankshaft stop - T10490 - must engage in threaded holes of toothed belt pulley.
- Crankshaft stop - T10490 - must engage in hole of timing flange.

Version B: lock crankshaft pulley without mark in position

Note

Use only the crankshaft stop - T10490 - to lock crankshaft pulley without a mark in position.

- Lock crankshaft pulley in position with crankshaft stop - T10490.
- Pin of crankshaft stop - T10490 - must engage in threaded holes of toothed belt pulley.
- Locking pin of crankshaft stop - T10490 - must engage in hole in timing flange.

Continuation for all

- Loosen bolts - clockwise - approx. 90°.






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Vw Crafter Service Manual

Volkswagen of America, Inc



Vw Crafter Service Manual:

Popular Electronics ,1979 Volkswagen Transporter Workshop Manual, 1963-1967 Volkswagen of America,1992 Just as the Beetle started a long tradition of Volkswagen automotive excellence these are the manuals that created the Bentley reputation for clarity thoroughness and indispensability Our air cooled Volkswagen manuals provide both do it yourself owners and professional mechanics with clear explanations and illustrations detailed service steps and time saving troubleshooting tips In the same tradition as our classic 1961 1965 Type 1 manual this manual offers owners of 1960s vintage Transporters the long out of print factory repair information Indispensable to anyone interested in the history or restoration of the Transporter this book includes complete coverage of 1200 and 1500 engines dual circuit brakes and body dimension specifications for all models including those with a sliding sunroof All factory updates are listed by chassis number and date introduced This is the one book no serious Type 2 enthusiast should be without Volkswagen Type 3 Workshop Manual Bentley Publishers,2004 The Volkswagen Type 3 Workshop Manual 1961 1967 covers Type 3 models Fastback Squareback Notchback and Type 3 Karmann Ghia 1500 coupe This book represents the sixth title in our line of vintage Volkswagen repair manuals and compiles original Volkswagen official service and repair information for US and Canada Type 3 models for the first time in a single volume *VW Owners Workshop Manual* John Harold Haynes,Bruce Gilmour,A. K. Legg,1980-01-01 Volkswagen Jetta, Golf, GTI 1999, 2000, 2001, 2002, 2003, 2004, 2005 Bentley Publishers,2005 Bentley Publishers is proud to announce the publication of the Volkswagen Jetta Golf GTI Service Manual 1999 2005 This repair manual covers the late 1999 through 2005 model year Jetta Golf and GTI built on the Volkswagen A4 platform New coverage of the 1.9 Liter TDI Engine with Pump Injection Pumpe D se has been added to this edition along with 114 pages of new wiring diagrams and extensive revisions throughout the manual Bentley repair manuals provide the highest level of clarity and comprehensiveness for all service and repair procedures If you re looking for better understanding of your Volkswagen look no further than Bentley **VW Owners Workshop Manual** Andrew K. Legg,1982 **Volkswagen Beetle, Karmann Ghia Official Service Manual, Type 1** Volkswagen of America, Inc,1972 The Volkswagen Beetle and Karmann Ghia Service Manual Type 1 1966 1969 features wiring diagrams including 6 volt systems convertible top repair carburetor rebuilding 30 PICT 1 and 30 PICT 2 and comprehensive year and model specifications and troubleshooting tables Amazon com **VW Owners Workshop Manual** ,1980 Volkswagen Workshop Manual Types 11, 14, and 15: 1952-1957 Volkswagen of America,1998-01-01 Now available after being out of print for nearly 40 years a vintage reprint of original air cooled Volkswagen repair information for all Volkswagen Type I Beetle and Karmann Ghia models sold in the USA and Canada This historical archive edition covers procedures for routine maintenance troubleshooting repair and rebuilding Air cooled Volkswagens Type 11 14 15 covered Volkswagen Type 11 Beetle Sedan Volkswagen Type 14 Karmann Ghia Coupe Volkswagen Type 15 Beetle Convertible Engines covered in this Volkswagen repair manual Volkswagen Air cooled Type 1

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1913cc 2 1 litre 2109cc **VW Owners Workshop Manual** P. G. Strasman,1982-01-01 *VW Golf and Jetta ('84 to '88)*
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America,2001-03-08 Just as the Beetle started a long tradition of Volkswagen automotive excellence these are the manuals
that created the Bentley reputation for clarity thoroughness and indispensability Our air cooled Volkswagen manuals provide
both do it yourself owners and professional mechanics with clear explanations and illustrations detailed service steps and
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Staff,2002-10 Features Engine and cylinder head service repair and reconditioning including camshaft toothed belt setup and
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