



## ДИЗЕЛЬНЫЕ ДВИГАТЕЛИ OM 611 2.2 CDI и OM 612 2.7 CDI

В данной главе описаны четырехцилиндровые OM 611.981/983/987, рабочим объемом 2151 см<sup>3</sup>, и пятицилиндровые дизельные двигатели OM 612.981, рабочим объемом 2686 см<sup>3</sup>, с системой непосредственного впрыска дизельного топлива CDI, турбонаддувом и промежуточным охлаждением наддуваемого воздуха.

## 1. СНЯТИЕ И УСТАНОВКА ДВИГАТЕЛЕЙ

## Снятие

1. Отсоедините отрицательный провод от батареи.

1. Уменьшите давление в системе кондиционирования.

2. Снимите капот двигателя.

3. Отсоедините проводку двигателя от боковой части кузова.

4. Слейте охлаждающую жидкость.

5. Снимите радиатор в сборе.

6. Снимите верхнюю часть распределителя нагнетаемого воздуха.

7. Отсоедините нагнетающий 6 и сливной 5 трубопроводы от насоса усилителя рулевого управления (рис. 1а).

8. Отсоедините топливопроводы 10 и 11 от корпуса топливного фильтра.

9. Отсоедините трубку 13 от компрессора кондиционера.

10. Отсоедините вакуумную трубку 8 от вакуумного усилителя тормозного привода.

11. Отсоедините возвратный патрубок 4 системы отопления.

12. Отсоедините патрубок системы охлаждения 1 от головки блока цилиндров.

13. Отсоедините воздухозаборный патрубок 9 от воздушного фильтра.

14. Отсоедините вакуумную трубку 12 от вакуумного узла турбокомпрессора.

15. Открутите гайки крепления кронштейна 3 передней части выпускной трубы.

16. Отсоедините переднюю часть выпускной трубы 2 от турбокомпрессора.

17. Отсоедините карданный вал 16 от выходного фланца (рис. 1б).

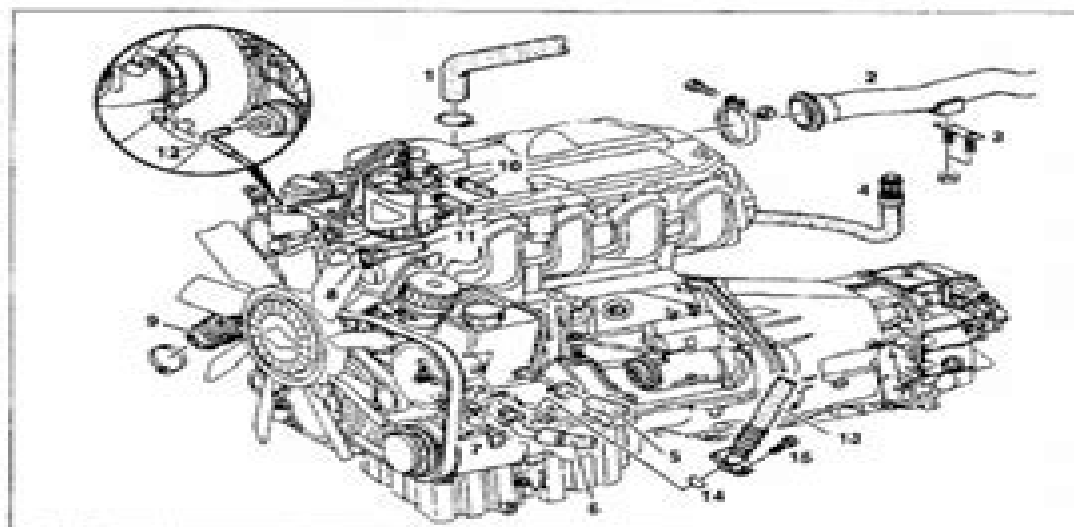
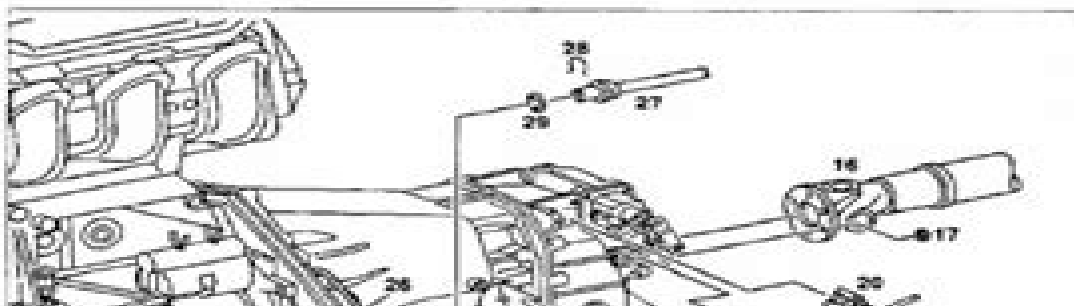


Рис. 1а. Снятие и установка двигателей OM 611.981/983/987:

- 1, 4 – Патрубки системы отопления; 2 – Передняя часть выпускной трубы;  
3 – Кронштейн; 5 – Сливной топливопровод; 6 – Нагнетающий топливопровод; 7, 14 – Сальники; 8, 12 – Вакуумные трубки;  
9 – Воздухозаборный патрубок; 10, 11 – Топливопроводы;  
13 – Трубка системы кондиционирования; 15 – Винт.



# **Mercedes Sprinter 413 Cdi Service Manual**

**John Harold Haynes, Larry Warren**

A red circular graphic with a gradient, appearing as a partial circle or a stylized 'C' shape, located to the right of the authors' names.

## **Mercedes Sprinter 413 Cdi Service Manual:**

**Mercedes Benz & Dodge Sprinter CDI 2000-2006 Owners Workshop Manual** ,2012 Easy to follow step by step instructions advice which enables the owner to carry out many jobs himself for the Mercedes Benz Sprinter Van Camper Diesel Models covered 208 CDI 308 CDI 211 CDI 311 CDI 411 CDI 213 CDI 313 CDI 413 CDI 216 CDI 316 CDI 416 CDI with the 2 2 2 7 litre CDI Diesel types 611 DELA 612 DELA From 2000 to 2006 with the common rail injection system A total of 232 fully illustrated pages **Mercedes-Benz Sprinter** Pete Gill,2011 **Mercedes-Benz Sprinter CDI Workshop Manual** R. M. Clarke,2007 This book features easy to follow step by step instructions and advice to help owners carry out jobs on their own Covers in detail most of the servicing and repair of the Mercedes Benz Sprinter Van and Camper Diesel models 2151cc and 2686cc engines with model identification type 901 902 903 and 904 depending on the version

**Mercedes-Benz Sprinter Owner's Workshop Manual** Euan Doig,2019 Mercedes Benz Sprinter Diesel Van W906 2nd generation July 09 to May 18 09 to 18 reg Medium and long wheelbase configurations with 2 1 litre 2143cc 4 cylinder turbo diesel engine OM651 Does NOT cover pre July 09 models with 2148cc OM646 engines 3 0 litre V6 diesel engine or models with petrol engines Does NOT cover automatic transmission 4WD versions specialist body conversions or new W907 3rd generation range introduced June 2018 **MERCEDES-BENZ SPRINTER (906 SERIES) ('06 TO MAY '18).**

HAYNES.,2019 **Workshop Manual for Mercedes-Benz** Roy Newton,1972 *Mercedes-Benz 250 and 280 Owner's Workshop Manual* John Harold Haynes,P. G. Strasman,2013-02 A maintenance repair manual for the DIY mechanic

*Mercedes-Benz Diesel Owners Workshop Manual* John Harold Haynes,Larry Warren,1986 Saloon Estate Diesel 2 0 litre 1988cc 2 4 litre 2399 2404cc 3 0 litre 2998 3005cc **2019 Mercedes-Benz Sprinter 2500 Owner Manual Compatible with OEM Owners Manual, Factory Glovebox Book** Helming,2019-01-18 Mercedes-Benz 350 & 450 Owners

Workshop Manual Tom Schauwecker,Haynes, John Harold,19?? Mercedes-Benz, Type 190 ,1962 **Mercedes-Benz Workshop Manual, Type 220** ,1987 *Mercedes-Benz Workshop Manual* ,1986 **Mercedes-Benz Service Manual** ,1968 Mercedes-Benz 230 1963-1968 Autobook Veloce Press,2001-11-01 VelocePress in close cooperation with

Brooklands Books Ltd has brought this and other repair manuals previously published as part of the Autobooks Owners Workshop Manual Series back into print The series is an invaluable resource for the classic car enthusiast and a must have for owners interested in performing their own maintenance **Service Manual, Models 180 to 220 SE** ,19??

Mercedes-Benz Service Manual, Model 190 Passenger Cars Daimler-Benz,1964\* *Workshop Manual for Mercedes-Benz 250,280 Series* ,1972 *Mercedes-Benz Service Manual* ,1992 Service Manual, Chassis and Body, Series 126 ,1984

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