



## 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 2696 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).

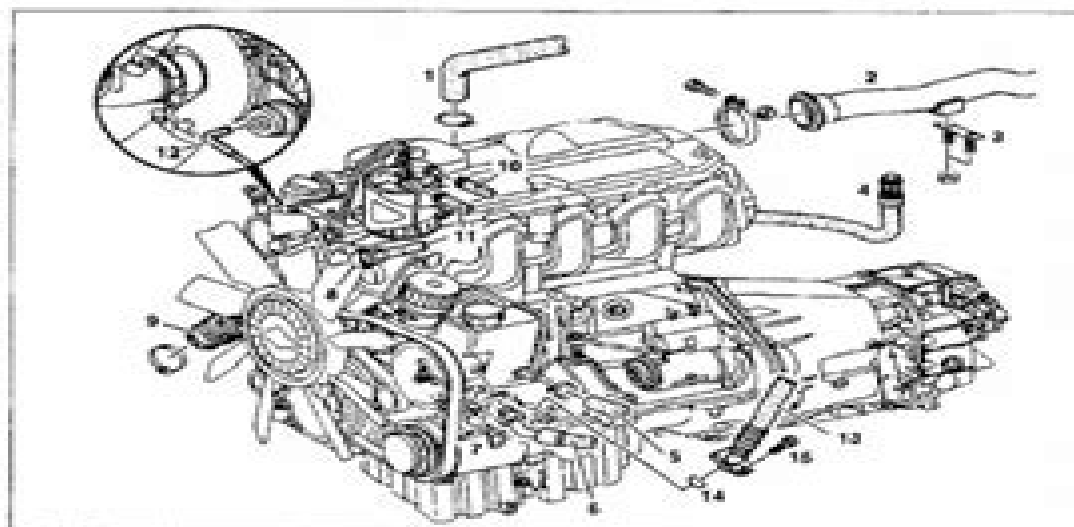
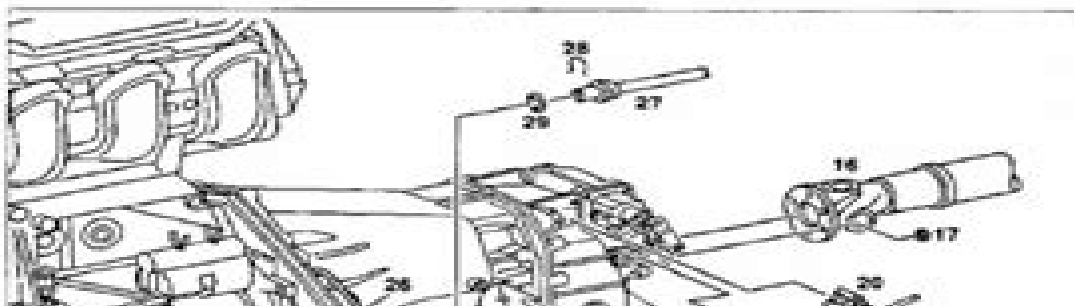


Рис. 1а. Снятие и установка двигателей OM 611.981/983/987:

- 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 Engine Manual

**Shasha Hu**



## **Mercedes Sprinter Engine Manual:**

**Mercedes-Benz Sprinter** Pete Gill,2011      Mercedes Benz & Dodge Sprinter CDI 2000-2006 Owners Workshop Manual Trade Trade,2012-10-14 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 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 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 & 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 (906 SERIES) ('06 TO MAY '18)*. HAYNES.,2019      **Public Works Manual** ,2002      **Motor Industry Magazine** ,2006      Lemon-Aid New Cars and Trucks 2011 Phil Edmonston,2010-11-11 As U S and Canadian automakers and dealers face bankruptcy and Toyota battles unprecedented quality control problems Lemon Aid guides steer the confused and anxious buyer through the economic meltdown unlike any other car and truck books on the market Phil Edmonston Canada s automotive Dr Phil for more than 40 years pulls no punches In this all new guide he says Chrysler s days are numbered with the dubious help of Fiat Electric cars and ethanol power are PR gimmicks Diesel and natural gas are the future Be wary of zombie vehicles Jaguar Land Rover Saab and Volvo Mercedes Benz rich cars poor quality There s only one Saturn you should buy Toyota enough apologies when you mess up fess up      **American Mercenary** Daniel Corbett,2024-08-20 An elite Navy SEAL Team 6 operator trained to kill the United States most dangerous enemies takes readers inside the unadulterated morally complicated and riveting post military adventures of a lethal American mercenary In American Mercenary Daniel Corbett takes readers on a wild ride through the unadulterated morally ambiguous and riveting world of being a hired gun From Abu Dhabi to Washington DC Cairo to San Diego Belgrade to places that must remain secret this is a world where money rules and where adventure

danger and absurdity often follow A star high school athlete Corbett passed on a Division I football career and opted for the US Navy He began his career at SEAL Team 5 and eventually checked into SEAL Team 6 The navy spent millions teaching him and his fellow Team members how to sneak subvert recruit disappear survive resist and exert And of course how to shoot a discipline at which Corbett excelled What the navy did not do was prepare these men for post military lives beyond the usual suite of veterans benefits and unimaginative job training programs So what does Corbett do He goes private There are still plenty of bad men in the world and the only sin worse than wasting talent in dead end pursuits is not using it at all He starts small but quickly moves up The work is simultaneously familiar and foreign The command structure is shady The clients are dubious The equipment is subpar But what the fuck the pay is good Then things change in 2017 when Corbett is arrested on a job in Belgrade Serbia When the authorities discover he s a Navy SEAL they imagine the worst he s in Belgrade to assassinate the Serbian president They throw Corbett in jail where he spends the next 18 months making international headlines and fighting for his freedom in a kangaroo court Ultimately American Mercenary highlights the struggle of many veterans how to reconcile military service with civilian life For Corbett becoming a mercenary isn t just the best option it feels like the only option It s a lot better than drowning in a bottle or holding a pistol under your chin and pulling the trigger but is it enough Motor Cycling and Motoring ,1983 **Fire Engines** Eddie Baker,2018-08-23 More complex and

imposing than any other vehicle in the British emergency services the fire engine has a long and interesting history The earliest water pumps had been developed by the eighteenth century basic manual pumps that had to be hauled around by people or horses and were often only used on fire insured premises In the nineteenth and twentieth centuries horse drawn steam powered fire engines and eventually motorised fire engines came to revolutionise firefighting offering far greater versatility and the brigades came to be run by the municipalities In this beautifully illustrated introduction Eddie Baker charts the history of fire engines and their variants and the increasingly complex equipment they have carried such as high rise ladders and high pressure hoses He also explains the wider history of the fire service and how the engines have been shaped by its needs and most importantly those of the firefighters themselves **Fundamentals of Medium/Heavy Duty Commercial Vehicle Systems** Gus Wright,Owen C. Duffy,2019-07-15 Fundamentals of Medium Heavy Duty Commercial Vehicle Systems Second Edition offers comprehensive coverage of basic concepts and fundamentals building up to advanced instruction on the latest technology coming to market for medium and heavy duty trucks and buses This industry leading Second Edition includes six new chapters that reflect state of the art technological innovations such as distributed electronic control systems energy saving technologies and automated driver assistance systems **Country Life** ,1983 *Punch* ,1983-10 **The Commercial Motor** ,1925 **Autocar** ,2005 Car and Driver ,2004-07 *Popular Mechanics* ,1985-04 Popular Mechanics inspires instructs and influences readers to help them master the modern world Whether it s practical DIY home improvement tips gadgets and digital technology information on the newest cars or the latest

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