



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 см³, и пятицилиндровые дизельные двигатели OM 612.981, рабочим объемом 2686 см³, 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).

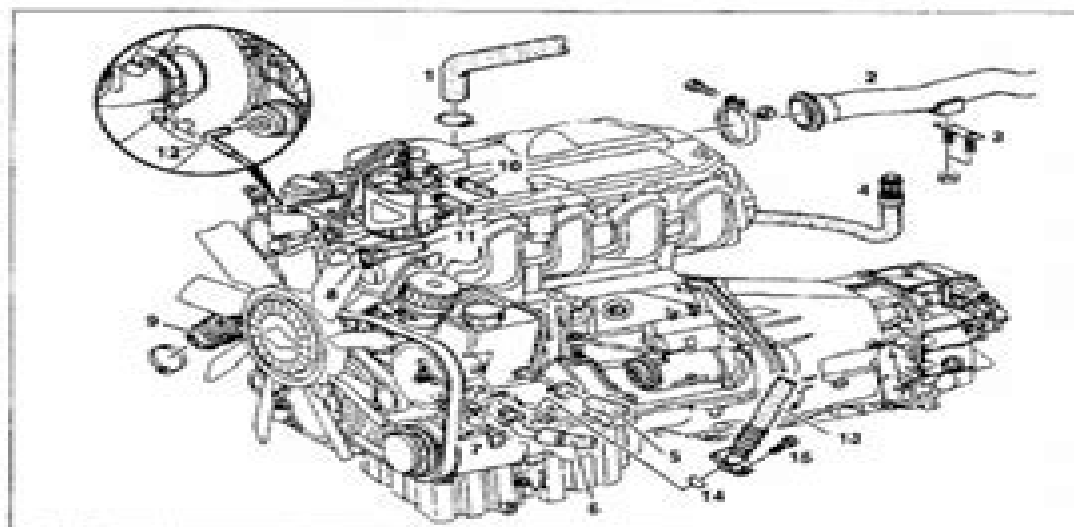


Рис. 1а. Снятие и установка двигателей OM 611.981/983/987:

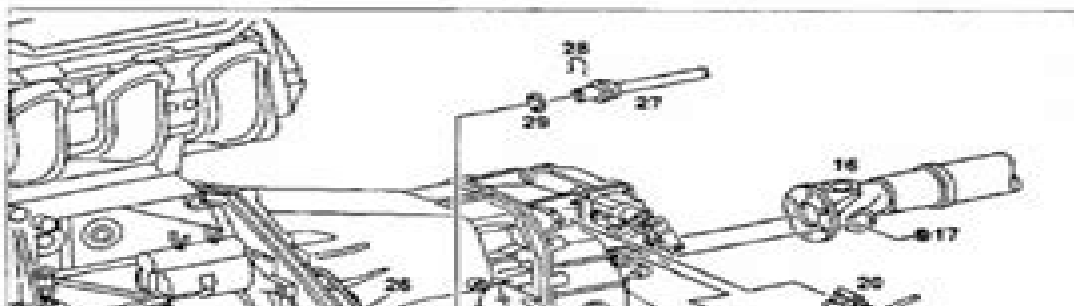
1, 4 – Патрубки системы отопления; 2 – Передняя часть выпускной трубы;

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

Yan Bai



Mercedes Sprinter Engine Manual:

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Table of Contents Mercedes Sprinter Engine Manual

1. Understanding the eBook Mercedes Sprinter Engine Manual
 - The Rise of Digital Reading Mercedes Sprinter Engine Manual
 - Advantages of eBooks Over Traditional Books
2. Identifying Mercedes Sprinter Engine Manual
 - Exploring Different Genres
 - Considering Fiction vs. Non-Fiction
 - Determining Your Reading Goals
3. Choosing the Right eBook Platform
 - Popular eBook Platforms
 - Features to Look for in an Mercedes Sprinter Engine Manual
 - User-Friendly Interface
4. Exploring eBook Recommendations from Mercedes Sprinter Engine Manual
 - Personalized Recommendations
 - Mercedes Sprinter Engine Manual User Reviews and Ratings

- Mercedes Sprinter Engine Manual and Bestseller Lists
- 5. Accessing Mercedes Sprinter Engine Manual Free and Paid eBooks
 - Mercedes Sprinter Engine Manual Public Domain eBooks
 - Mercedes Sprinter Engine Manual eBook Subscription Services
 - Mercedes Sprinter Engine Manual Budget-Friendly Options
- 6. Navigating Mercedes Sprinter Engine Manual eBook Formats
 - ePub, PDF, MOBI, and More
 - Mercedes Sprinter Engine Manual Compatibility with Devices
 - Mercedes Sprinter Engine Manual Enhanced eBook Features
- 7. Enhancing Your Reading Experience
 - Adjustable Fonts and Text Sizes of Mercedes Sprinter Engine Manual
 - Highlighting and Note-Taking Mercedes Sprinter Engine Manual
 - Interactive Elements Mercedes Sprinter Engine Manual
- 8. Staying Engaged with Mercedes Sprinter Engine Manual
 - Joining Online Reading Communities
 - Participating in Virtual Book Clubs
 - Following Authors and Publishers Mercedes Sprinter Engine Manual
- 9. Balancing eBooks and Physical Books Mercedes Sprinter Engine Manual
 - Benefits of a Digital Library
 - Creating a Diverse Reading Collection Mercedes Sprinter Engine Manual
- 10. Overcoming Reading Challenges
 - Dealing with Digital Eye Strain
 - Minimizing Distractions
 - Managing Screen Time
- 11. Cultivating a Reading Routine Mercedes Sprinter Engine Manual
 - Setting Reading Goals Mercedes Sprinter Engine Manual
 - Carving Out Dedicated Reading Time
- 12. Sourcing Reliable Information of Mercedes Sprinter Engine Manual
 - Fact-Checking eBook Content of Mercedes Sprinter Engine Manual
 - Distinguishing Credible Sources

13. Promoting Lifelong Learning
 - Utilizing eBooks for Skill Development
 - Exploring Educational eBooks
14. Embracing eBook Trends
 - Integration of Multimedia Elements
 - Interactive and Gamified eBooks

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