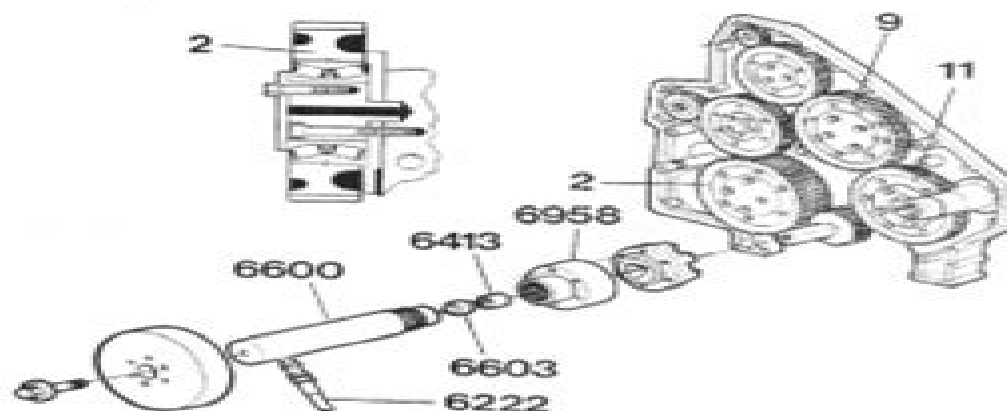


## 21531-3 Timing gears, changing

*Timing gear cover and oil sump removed*



Technical

**Special tools:** 2000, 2337, 2584, 2671, 4113, 6160, 6161, 6222, 6315, 6358, 6401, 6413, 6454, 6600, 6603, 6626, 6950, 6956, 6958, 6965, 6969, 6972, 6973, 8243, 8328, 8245, 8271, 8290

**Other special equipment:** 998 6187

### Removing

1



Remove the flywheel inspection cover and fit cranking tool 6956. Crank the engine until 1st piston is at T.D.C. after compression. The guide on the camshaft drive gear should point upwards and the flywheel casing pointer should point at 0°.

Remove tool 6956 and fit blocking tool 6950.

6950  
Technical  
6950, 6956

2

Remove the lube oil pump. Remove the drive gear and idler gear, refer to Service Manual, Group 22 "Lubricating and oil systems" D16A.

3

Remove the vibration damper, the centre bolt and the polygon hub, refer to "Polygon hub, changing" in this service manual.

6222, 6413,  
6600, 6603,  
6958

4

Remove all the timing gear bolts.

5

Remove the upper idler gear (9) and idler gear (11) (do not remove the hubs).

6

Remove idler gear (2). First remove the bearing shield, then the drive gear together with the hub. If necessary, carefully lever off the drive gear using lever 2337.

2337

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## **Table of Contents D16a Engine Manual Guide**

1. Understanding the eBook D16a Engine Manual Guide
  - The Rise of Digital Reading D16a Engine Manual Guide
  - Advantages of eBooks Over Traditional Books
2. Identifying D16a Engine Manual Guide
  - 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 D16a Engine Manual Guide
  - User-Friendly Interface
4. Exploring eBook Recommendations from D16a Engine Manual Guide
  - Personalized Recommendations
  - D16a Engine Manual Guide User Reviews and Ratings

- D16a Engine Manual Guide and Bestseller Lists
- 5. Accessing D16a Engine Manual Guide Free and Paid eBooks
  - D16a Engine Manual Guide Public Domain eBooks
  - D16a Engine Manual Guide eBook Subscription Services
  - D16a Engine Manual Guide Budget-Friendly Options
- 6. Navigating D16a Engine Manual Guide eBook Formats
  - ePub, PDF, MOBI, and More
  - D16a Engine Manual Guide Compatibility with Devices
  - D16a Engine Manual Guide Enhanced eBook Features
- 7. Enhancing Your Reading Experience
  - Adjustable Fonts and Text Sizes of D16a Engine Manual Guide
  - Highlighting and Note-Taking D16a Engine Manual Guide
  - Interactive Elements D16a Engine Manual Guide
- 8. Staying Engaged with D16a Engine Manual Guide
  - Joining Online Reading Communities
  - Participating in Virtual Book Clubs
  - Following Authors and Publishers D16a Engine Manual Guide
- 9. Balancing eBooks and Physical Books D16a Engine Manual Guide
  - Benefits of a Digital Library
  - Creating a Diverse Reading Collection D16a Engine Manual Guide
- 10. Overcoming Reading Challenges
  - Dealing with Digital Eye Strain
  - Minimizing Distractions
  - Managing Screen Time
- 11. Cultivating a Reading Routine D16a Engine Manual Guide
  - Setting Reading Goals D16a Engine Manual Guide
  - Carving Out Dedicated Reading Time
- 12. Sourcing Reliable Information of D16a Engine Manual Guide
  - Fact-Checking eBook Content of D16a Engine Manual Guide
  - 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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