- 12 Remove clutch body (15) and synchronizer ring (16).
- 13 Remove sliding sleeve (17).

NOTE

Use cloth to catch released pressure pieces (18) and compression springs (19) when pulling off sliding sleeve.

- 14 Place two-leg or three-leg puller on 2nd speed helical gear (23). Pull off helical gear together with bush (24), clutch body (22), synchronizer ring (21) and synchronizer hub (29). Use adapter.
- 15 Remove needle cage (25).
- 16 Clamp output end of mainshaft.
- 17 Attach 2- or 3-leg puller underneath sliding sleeve (26) and pull off synchronizer ring (27, clutch body (28), roller bearing (29) and helical gear (30). Use adapter.

NOTE

Use cloth to catch released pressure pieces (31) and compression springs (32) when pulling off sliding sleeve.

18 Remove pressure pieces and springs. Attach 2- or 3-leg puller underneath 3rd-speed helical gear (33) and pull off together with roller bearing (34), synchronizer hub (35), synchronizer ring (36) and clutch body (37). Use adapter.

CAUTION

Do not attach puller to mainshaft collar (see arrow).

19 Remove needle cage (38).



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- 1. Understanding the eBook Zf Gearbox Repair Manual
 - The Rise of Digital Reading Zf Gearbox Repair Manual
 - Advantages of eBooks Over Traditional Books
- 2. Identifying Zf Gearbox Repair 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 Zf Gearbox Repair Manual
 - User-Friendly Interface
- 4. Exploring eBook Recommendations from Zf Gearbox Repair Manual
 - Personalized Recommendations
 - Zf Gearbox Repair Manual User Reviews and Ratings
 - Zf Gearbox Repair Manual and Bestseller Lists
- 5. Accessing Zf Gearbox Repair Manual Free and Paid eBooks

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