- 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

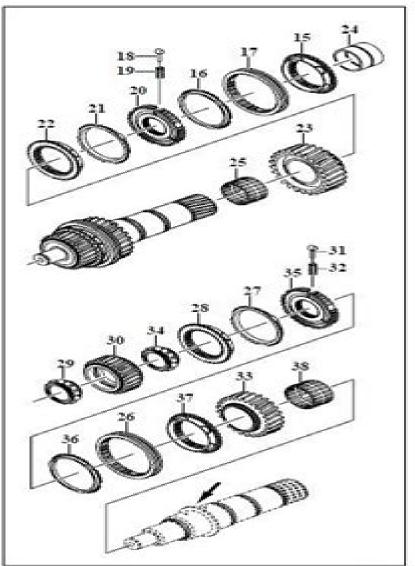
Use cloth to catch released pressure pieces (31) and compression springs (32) when pulling off sliding sleeve.

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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Lauren Gardner

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- 1. Understanding the eBook Zf 4640 Gearbox Workshop Manual
 - The Rise of Digital Reading Zf 4640 Gearbox Workshop Manual
 - Advantages of eBooks Over Traditional Books
- 2. Identifying Zf 4640 Gearbox Workshop 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 4640 Gearbox Workshop Manual
 - User-Friendly Interface
- 4. Exploring eBook Recommendations from Zf 4640 Gearbox Workshop Manual
 - Personalized Recommendations

- Zf 4640 Gearbox Workshop Manual User Reviews and Ratings
- Zf 4640 Gearbox Workshop Manual and Bestseller Lists
- 5. Accessing Zf 4640 Gearbox Workshop Manual Free and Paid eBooks
 - Zf 4640 Gearbox Workshop Manual Public Domain eBooks
 - Zf 4640 Gearbox Workshop Manual eBook Subscription Services
 - Zf 4640 Gearbox Workshop Manual Budget-Friendly Options
- 6. Navigating Zf 4640 Gearbox Workshop Manual eBook Formats
 - ∘ ePub, PDF, MOBI, and More
 - Zf 4640 Gearbox Workshop Manual Compatibility with Devices
 - Zf 4640 Gearbox Workshop Manual Enhanced eBook Features
- 7. Enhancing Your Reading Experience
 - Adjustable Fonts and Text Sizes of Zf 4640 Gearbox Workshop Manual
 - Highlighting and Note-Taking Zf 4640 Gearbox Workshop Manual
 - Interactive Elements Zf 4640 Gearbox Workshop Manual
- 8. Staying Engaged with Zf 4640 Gearbox Workshop Manual
 - Joining Online Reading Communities
 - Participating in Virtual Book Clubs
 - Following Authors and Publishers Zf 4640 Gearbox Workshop Manual
- 9. Balancing eBooks and Physical Books Zf 4640 Gearbox Workshop Manual
 - Benefits of a Digital Library
 - Creating a Diverse Reading Collection Zf 4640 Gearbox Workshop Manual
- 10. Overcoming Reading Challenges
 - Dealing with Digital Eye Strain
 - Minimizing Distractions
 - Managing Screen Time
- 11. Cultivating a Reading Routine Zf 4640 Gearbox Workshop Manual
 - Setting Reading Goals Zf 4640 Gearbox Workshop Manual
 - Carving Out Dedicated Reading Time
- 12. Sourcing Reliable Information of Zf 4640 Gearbox Workshop Manual
 - Fact-Checking eBook Content of Zf 4640 Gearbox Workshop 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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