

BOMBA COMMON RAIL DENSO HP4

La construcción de la bomba de suministro básico HP4 es la misma que para la HP3. La composición también es la misma que la HP3, compuesta por la unidad de bomba (leva excéntrica, leva anular, émbolo), el SCV (válvula de control de succión), el sensor de temperatura del combustible y el PUM de alimentación P. La principal diferencia es que hay tres émbolos.

Debido a que hay tres émbolos, ¿se colocan a intervalos de 120° alrededor del exterior de la cámara del anillo. Además, la capacidad de suministro de combustible es 1,5 veces mayor que la de la HP3.

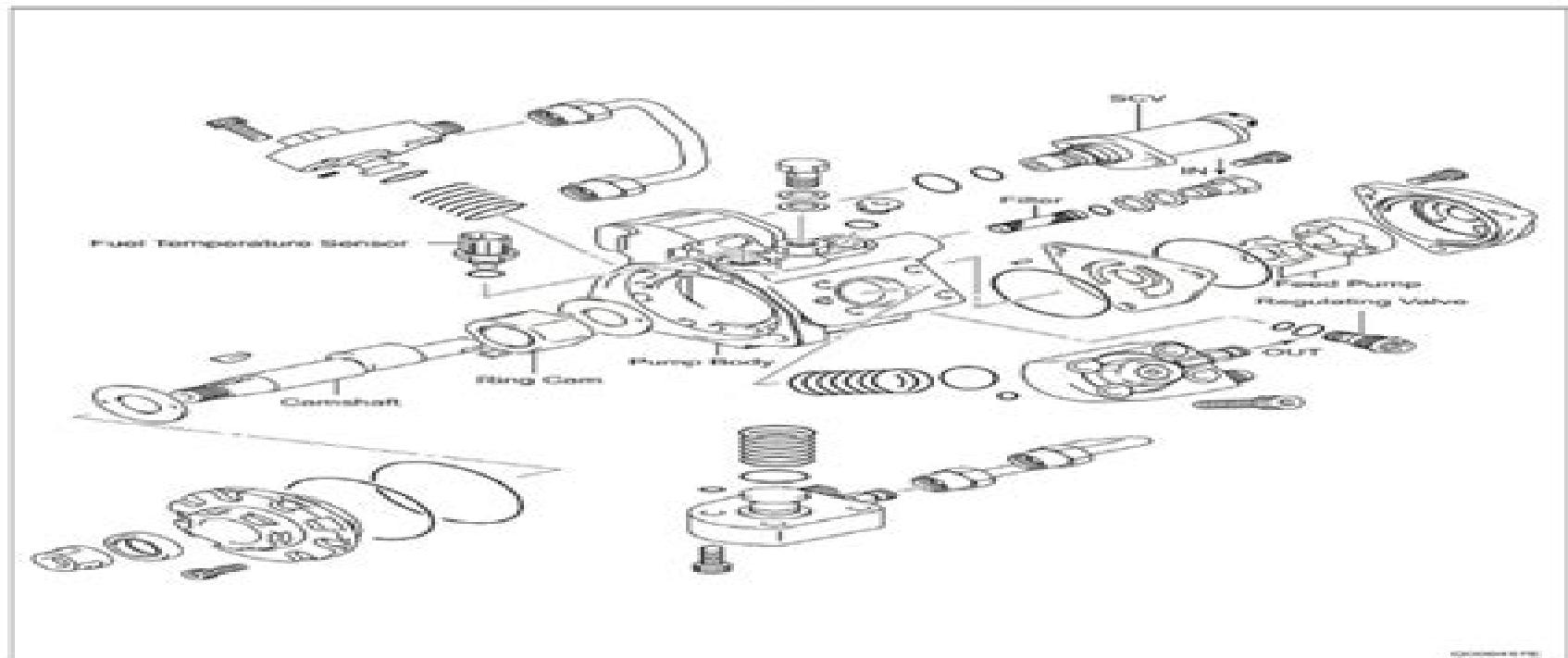
La cantidad de descarga de combustible es controlada por el SCV, al igual que para el HP3.

Los componentes y funciones de la bomba de suministro HP4 son básicamente los mismos que para la HP3. Las explicaciones a continuación solo cubren aquellos puntos en los que la HP4 difiere de la HP3. Para otras partes, consulte el elemento correspondiente en la explicación de la HP3.

Bomba Unitaria (leva excéntrica, leva anular, émbolo)

Se instala una leva de anillo triangular en la leva excéntrica en el eje de transmisión, y se instalan tres émbolos en la leva anular a intervalos de 120°.

Debido a que la rotación del árbol de levas hace que la leva excéntrica gire excéntricamente, la leva del anillo sigue esto y esto mueve los tres émbolos reciprocamente. (La leva del anillo en sí no gira).



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JS Bruner



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Table of Contents Denso Common Rail Hp4 Service Manual

1. Understanding the eBook Denso Common Rail Hp4 Service Manual
 - The Rise of Digital Reading Denso Common Rail Hp4 Service Manual
 - Advantages of eBooks Over Traditional Books
2. Identifying Denso Common Rail Hp4 Service 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 Denso Common Rail Hp4 Service Manual
 - User-Friendly Interface
4. Exploring eBook Recommendations from Denso Common Rail Hp4 Service Manual
 - Personalized Recommendations
 - Denso Common Rail Hp4 Service Manual User Reviews and Ratings
 - Denso Common Rail Hp4 Service Manual and Bestseller Lists

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 - Denso Common Rail Hp4 Service Manual Budget-Friendly Options
6. Navigating Denso Common Rail Hp4 Service Manual eBook Formats
 - ePub, PDF, MOBI, and More
 - Denso Common Rail Hp4 Service Manual Compatibility with Devices
 - Denso Common Rail Hp4 Service Manual Enhanced eBook Features
7. Enhancing Your Reading Experience
 - Adjustable Fonts and Text Sizes of Denso Common Rail Hp4 Service Manual
 - Highlighting and Note-Taking Denso Common Rail Hp4 Service Manual
 - Interactive Elements Denso Common Rail Hp4 Service Manual
8. Staying Engaged with Denso Common Rail Hp4 Service Manual
 - Joining Online Reading Communities
 - Participating in Virtual Book Clubs
 - Following Authors and Publishers Denso Common Rail Hp4 Service Manual
9. Balancing eBooks and Physical Books Denso Common Rail Hp4 Service Manual
 - Benefits of a Digital Library
 - Creating a Diverse Reading Collection Denso Common Rail Hp4 Service Manual
10. Overcoming Reading Challenges
 - Dealing with Digital Eye Strain
 - Minimizing Distractions
 - Managing Screen Time
11. Cultivating a Reading Routine Denso Common Rail Hp4 Service Manual
 - Setting Reading Goals Denso Common Rail Hp4 Service Manual
 - Carving Out Dedicated Reading Time
12. Sourcing Reliable Information of Denso Common Rail Hp4 Service Manual
 - Fact-Checking eBook Content of Denso Common Rail Hp4 Service 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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