

**CNR**  
DIESEL SYSTEM PARTS



**PRODUCT  
CATALOGUE**



DIESEL SYSTEM PARTS

# CNR

DIESEL SYSTEM PARTS



## About Us



At **Cinbar Otomotiv**, we are committed to providing high-quality, precision-engineered solutions that meet the ever-evolving demands of the diesel fuel systems industry. With over 53 years of experience, we have established a strong reputation for reliability, innovation, and technical excellence.

**Our extensive product range includes:**

- Delphi, Cummins, Denso, Caterpillar, and Bosch valves,
- Bosch unit pump valves and components,
- Common rail washers, injector spacers and pins,
- Metric valves, advance pistons, gas shafts,
- Valve holders, bushings, throttle shafts,
- Overflow valves, screws, and a wide variety of complementary fitting and washer components.

Each product is designed and manufactured with meticulous attention to detail, in line with international standards and customer expectations.

We embrace a culture of continuous improvement, enhancing every department—from Production and Planning to Quality Assurance, Sales & Marketing, Accounting, and Procurement. Through consistent investment in advanced technology and the development of our human resources, we pursue a strict “zero defect” philosophy to maintain excellence at every stage of production.

At the core of our operations lies a deep commitment to customer satisfaction. By combining our in-depth industry knowledge with state-of-the-art production capabilities, we deliver solutions that not only meet but exceed expectations.

Since our foundation, we have stayed true to our values—trust, efficiency, and precision—while continually increasing our market presence both in Turkey and across international markets. As we grow, we take pride in contributing to the global recognition of Turkish manufacturing quality.

At **Cinbar Otomotiv**, we believe that success is no coincidence—it is the outcome of experience, innovation, dedication, and strategic investment. Guided by our vision and supported by strong after-sales service, we strive to be a long-term and dependable partner for all our stakeholders.

We sincerely thank all our customers and business partners for their trust and collaboration throughout this journey. Together, we look forward to shaping the future—with quality as our compass and excellence as our destination.

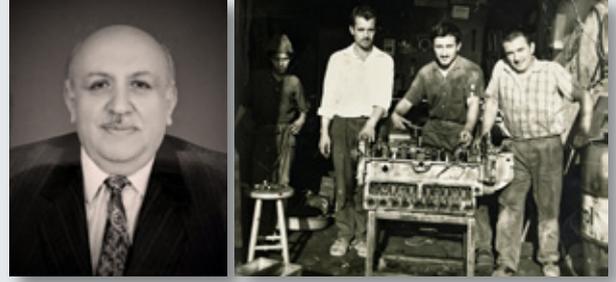
**Süleyman CINBAROĞLU**  
Chairman of the Board / CEO

*S. Cinbaroğlu*

# Our Journey

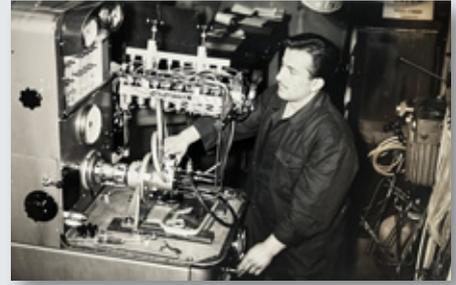
## 1955

Our founder, Salih Cınbarođlu, began his professional journey as an engine repair technician, laying the foundation for what would become Cınbar Otomotiv.



## 1960 - 1970

During this period, he specialized in engine renewal processes, steadily building expertise and reputation in the field.



## 1970

After completing CAV Service Training, he established one of the first diesel pump and injector service workshops on the Anatolian side of Istanbul.



## 1972 - 1981

Alongside engine repairs, he continued to offer diesel pump repair services. By 1981, he fully transitioned from repair work to focus exclusively on the manufacturing of injector spare parts.



## 1986

The second generation, Süleyman Cınbarođlu, began taking an active role in the company's growth. Having been involved in production since childhood, he contributed significantly to the company's development.

## 1990

Our operations expanded from a modest 50 m<sup>2</sup> workshop in Ümraniye to a 450 m<sup>2</sup> production facility, marking a significant milestone in our industrial growth.

## 2004

With our first CNC lathe machine investment, we modernized production and enhanced precision capabilities.

## 2008

We expanded our product line with the introduction of Delphi valve production.

## 2014

We further diversified our product range by initiating Denso valve production.

## 2024

- We made a historic investment, introducing PECM (Precision Electrochemical Machining) technology into Türkiye's manufacturing sector for the first time.
- Additionally, we began production of Cummins and Caterpillar valves, further strengthening our global product offering.

## 1996

We established our own chrome plating facility, enabling in-house chrome plating and refurbishment of injector pump elements.

## 2006

- We became the first company in the world to manufacture Bosch Unit Valves and Common Rail Valves.
- We also developed and launched the first lapping sets and assembly apparatus specifically designed for unit valves.

## 2012

We relocated to our current modern production facility in the DOSB İmes Industrial Zone, featuring a closed production area of 1,800 m<sup>2</sup>.

## 2018

To meet increasing global demand, we invested in world-leading CNC lathe machines equipped with automatic 3-turret processing systems, enabling high-volume and mass production.



## In Numbers



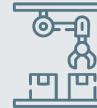
**30+**  
Employees



**72+**  
Export To Country



**1800m<sup>2</sup>+**  
Production Area



**2,000,000+**  
Production Capacity



**300+**  
Customers



**250+**  
Products



**30+**  
New Product / Year



**53+ years**  
Industry Experience

## Sustainability

We work for a sustainable future at every stage of our activities. Sustainability is one of the core values of our company and has a priority at every stage of our business processes, products and strategies. With this understanding, we consider our environmental, social and economic responsibilities as a whole and progress in line with globally accepted standards.

Since our establishment, we have been taking strong steps to protect natural resources, reduce negative impacts on the environment and support projects that contribute to society. We adhere to the principle of sustainability in all our processes, from production to logistics, from the supply chain to employee training.



## Quality Assurance

### Continuous Improvement and Training

CNR Diesel ensures quality not only through inspections but also through continuous improvement processes. Each employee has adopted quality as a way of life and is responsible for contributing to continuous development. Our quality assurance unit analyzes all processes to achieve the determined goals and continuously suggests improvements.

### Training Programs

Regular training is provided to all our employees to focus on quality at every stage from production to sales. These trainings increase quality awareness and contribute to processes being more efficient and error-free.

### Performance Analyses

Performance analyses conducted for continuous development measure the effectiveness of each department and production line, creating opportunities to improve weak areas.

### Supplier Quality Management

We ensure high quality not only with our own production processes but also with the companies in our supply chain. Cinbar Otomotiv only works with suppliers who have quality certificates, are reliable and comply with ethical rules. The quality systems of our suppliers must be compatible with our quality standards.

### Supplier Evaluation and Monitoring

The performance of our suppliers is regularly monitored and evaluated. We do not work with suppliers that do not meet high quality and sustainability standards.

### Common Quality Control Processes

By developing common quality control processes with suppliers, we ensure that our products are of high quality from the beginning to the end.

Customer satisfaction is the most important indicator of our quality assurance. The quality standards of our products aim to not only meet technical requirements, but also exceed the expectations of our customers. Every customer receives service from our company, confident in the performance, durability and reliability of our products.

### Customer Feedback

We carefully evaluate customer feedback about our products and services. This feedback allows us to continuously improve quality.

### After-Sales Support

With after-sales support, we guarantee customer satisfaction throughout the life of our products.



9001:2015



45001:2018



10002:2018



14001:2015



16949:2016



31000:2018



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Overflow Valves  
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**01**

7135-754

**08**

9308-618C

**02**

7135-588

**09**

7135-754 (056)

**03**

7206-0379

**10**

7135-588 (052)

**04**

7206-0460

**11**

7135-486

**05**

7206-0936  
7206-0979  
7206-1006  
7206-1010

**12**

150-024

**06**

7206-1013

**13**

150-026

**07**

9308-622B

**14**

150-230



**Delphi Valves**



01

CNR Code 150-754  
Original Code 7135-754

**Volvo 4 Pin  
Control Valve Kit  
(Two Spring)**



02

CNR Code 150-588  
Original Code 7135-588

**Volvo 4 Pin  
Control Valve Kit  
(One Spring)**



03

CNR Code 150-0379  
Original Code 7206-0379

**Actuator Valve**



04

CNR Code 150-0460  
Original Code 7206-0460

**Smart Injector Control Valve**



05

CNR Code  
150-0936 150-0979  
150-1006 150-1010

Original Code  
7206-0936 7206-0979  
7206-1006 7206-1010

Euro 6 Control Valve



06

CNR Code  
150-1013

Original Code  
7206-1013

Euro 6 Control Valve



07

CNR Code  
150-622B

Original Code  
9308-622B

Trigger Valve Cr 28239295 ntd 28278897-P



08

CNR Code  
150-618C

Original Code  
9308-618C

Trigger Valve Cr 28239294 Ntd 28440421-P



**09**

CNR Code  
150-056 Original Code  
7135-754 (056)

**Volvo 4 Pin Number 56  
Control Bottom Valve  
(Two Spring)**

**10**

CNR Code  
150-052 Original Code  
7135-588 (052)

**Volvo 4 Pin Number 52  
Control Bottom Valve  
(One Spring)**



**11**

CNR Code  
150-486

Original Code  
7135-486

**Actuator Valve**



**12**

CNR Code  
150-024

**Euro 6 Control Valve**

**13**

CNR Code  
150-026

**Euro 6 Control Valve**



**14**

CNR Code  
150-230

**Spacer for 486 Actuator**

01

150-240

02

150-325 AC  
150-325 AD  
150-325 AE

03

150-0815



Cummins Valves  
Denso Valves  
Caterpillar Valves





01

CNR Code  
150-240

Scania Cr Xpi Euro 6 Control Valve

Denso Valves



02

CNR Code  
**150-325 AC** : 546 AC Ford, Citroen, Peugeot Boxer  
**150-325 AD** : 0 95000 547X Isuzu  
**150-325 AE** : Toyota Hilux, Faraz

Control Valve

Caterpillar Valves



03

CNR Code  
150-0815

Caterpillar Actuator Valve (C11-C12-C13-C15-C18)





**01** CNR Code Original Code  
150-351 0 445 110 351  
**Injector Control Valve Kit**



**02** CNR Code Original Code  
150-418 0 445 110 418  
**Injector Control Valve Kit**



**03** CNR Code Original Code  
150-T518 T518 **Euro 6**  
150-T520 / 150-T528 T520 / T528 **Control Valve**



**04** CNR Code Original Code  
150-T613 T613 **Euro 6**  
150-T614 T614 **Control Valve**



**05** CNR Code Original Code  
150-115 / 150-116 / 150-117 0 445 115 xxx / 0 445 116 xxx / 0 445 117 xxx  
**Cr Bosch Piezo Valve**



**06** CNR Code **Injector**  
150-T351 **Control Valve**



**07** CNR Code **Injector**  
150-T418 **Control Valve**



**08** CNR Code Original Code  
150-831 R831  
**Trigger Valve Standard (with fiber and ball)**



**09** CNR Code 150-048 Original Code T048 **Trigger Valve Standard (with fiber and ball)**



**10** CNR Code 150-316 Original Code T316 **Trigger Valve Standard (with fiber and ball)**



**11** CNR Code 150-T056 Original Code 056 **Trigger Valve Standard (with fiber and ball)**



**12** CNR Code 150-158 Original Code R158 **Trigger Valve Standard (with fiber and ball)**



**13** CNR Code 150-010 Original Code T010 **Trigger Valve Standard (with fiber and ball)**



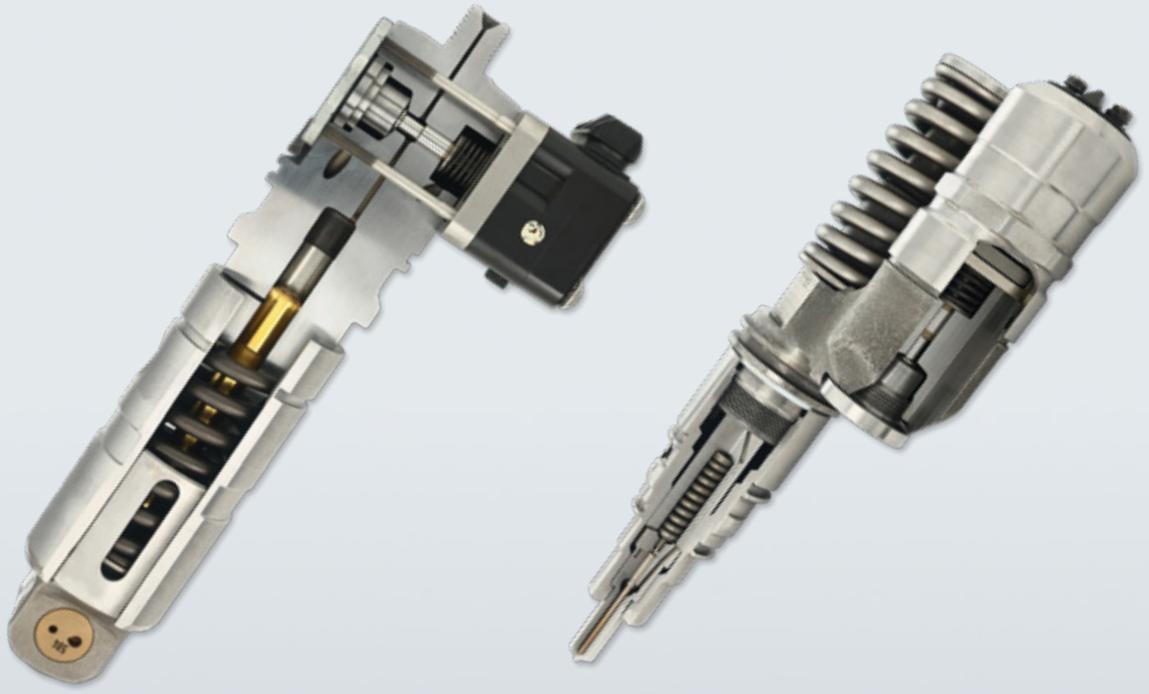
**14** CNR Code 150-043 Original Code 043 **Trigger Valve Standard (with fiber and ball)**



**15** CNR Code 150-297 Original Code R297 **Trigger Valve Standard (with fiber and ball)**



**16** CNR Code 150-334 Original Code 334 **Trigger Valve Standard (with fiber and ball)**



# Bosch Unit Pump Valves & Equipments

**01**

150-220

**08**

150-008

**15**

601-016

**22**

600-018

**02**

150-222

**09**

150-225

**16**

601-015D

**23**

601-019

**03**

150-224

**10**

150-235

**17**

601-016D

**24**

600-030

**04**

150-226

**11**

600-015

**18**

600-042

**25**

600-022

**05**

150-260

**12**

600-016

**19**

600-017

**26**

600-045

**06**

150-265

**13**

601-015

**20**

600-019

**27**

600-035S

**07**

150-005

**14**

150-340

**21**

601-018

**28**

600-035L

**29**

600-035D



150-220 Trigger Table



01

CNR Code  
150-220

**Unit Pump Valve**  
6.995 mm-7.090 mm  
Mercedes-Daf-Scania-Volvo-Iveco

∅	+0.025	+0.050	+0.075	+0.100	+0.125	+0.150
6.995	✓	✓				
7.000	✓	✓	✓			
7.005	✓	✓	✓	✓	✓	✓
7.010	✓	✓	✓	✓	✓	✓
7.015	✓	✓	✓	✓	✓	✓
7.020	✓	✓	✓	✓	✓	✓
7.025	✓	✓	✓	✓	✓	✓
7.030		✓	✓	✓	✓	✓
7.035		✓	✓	✓	✓	✓
7.040		✓	✓	✓	✓	✓
7.045		✓	✓	✓	✓	✓
7.050		✓	✓	✓	✓	✓
7.055						
7.060		✓				
7.070		✓				
7.075		✓				
7.080		✓				
7.085		✓				
7.090		✓				

Mercedes - Daf - Scania - Volvo - Iveco



02

CNR Code  
150-222

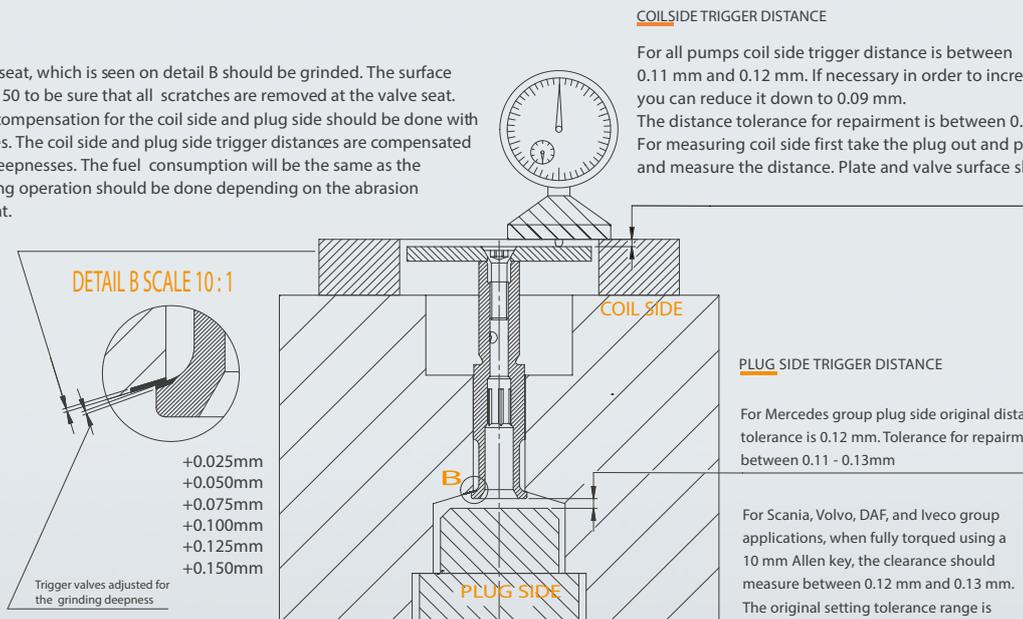
**Unit Pump Valve**  
6.995 mm-7.040 mm  
Scania for 3 holes pumps

150-222 Trigger Table

∅	+0.025	+0.050	+0.075
6.995		✓	
7.000	✓	✓	✓
7.005	✓	✓	✓
7.010	✓	✓	✓
7.015	✓	✓	✓
7.020	✓	✓	✓
7.025	✓	✓	✓
7.030		✓	✓
7.035		✓	✓
7.040		✓	✓

Scania

The pump surface of the seat, which is seen on detail B should be grinded. The surface should be magnified 30 - 50 to be sure that all scratches are removed at the valve seat. For CNR valves grinding compensation for the coil side and plug side should be done with different valve thicknesses. The coil side and plug side trigger distances are compensated according the grinding deepnesses. The fuel consumption will be the same as the original valve. The grinding operation should be done depending on the abrasion deepness of the valve seat.



**COILSIDE TRIGGER DISTANCE**

For all pumps coil side trigger distance is between 0.11 mm and 0.12 mm. If necessary in order to increase the fuel amount you can reduce it down to 0.09 mm. The distance tolerance for repairment is between 0.09 mm and 0.12 mm. For measuring coil side first take the plug out and press with your finger and measure the distance. Plate and valve surface should be , very clean.

**PLUG SIDE TRIGGER DISTANCE**

For Mercedes group plug side original distance tolerance is 0.12 mm. Tolerance for repairment is between 0.11 - 0.13mm

For Scania, Volvo, DAF, and Iveco group applications, when fully torqued using a 10 mm Allen key, the clearance should measure between 0.12 mm and 0.13 mm. The original setting tolerance range is specified as 0.12 mm to 0.14 mm.

Valve diameters are between 6.995 mm and 7.090 mm. The diameter steps are 0.005 mm each. In order to place the valve in the boring of the pump body, try to place the next bigger diameter and grind until it fits correctly. You can use the valve like a boregag and be sure that next step diameter should not pass through the boring. The gap between the original valve and the boring diameter is 0.003 mm.

**150-224 Trigger Table**



	∅	+0.025	+0.050
Renault Magnum - Mack Motors	7.000	✓	✓
	7.005	✓	✓
	7.010	✓	✓
	7.015	✓	✓
	7.020	✓	✓
	7.025	✓	✓
	7.030		✓
	7.035		✓
	7.040		✓

**03**

CNR Code  
150-224

**Unit Pump Valve**  
**7.000 mm -7.040 mm**  
**Renault Magnum - Mack Motors**

**150-226 Trigger Table**



	∅	+0.025	+0.050
Detroit Motors	6.980	✓	✓
	6.985	✓	✓
	6.990	✓	✓
	6.995	✓	✓
	7.000	✓	✓
	7.005	✓	✓
	7.010	✓	✓
	7.015	✓	✓
	7.020	✓	✓
	7.025	✓	✓

**04**

CNR Code  
150-226

**Detroit Diesel Valve**  
**6.980 mm-7.025 mm**



**05**

CNR Code  
150-260

**Euro6 Control Valve**



**06**

CNR Code  
150-265

**Euro6 Control Valve**



**07**

CNR Code  
150-005

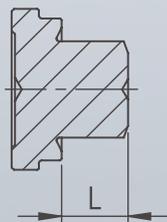
**Unit Pump Camshaft Pulley**



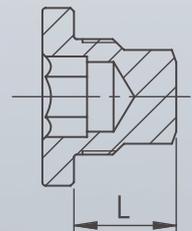
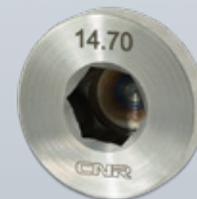
**08**

CNR Code  
150-008

**Unit Pump Camshaft Pulley**



- 9.50mm
- 9.52mm
- 9.54mm
- 9.56mm
- 9.58mm
- 9.60mm
- 9.62mm
- 9.64mm
- 9.66mm



- 14.70mm
- 14.72mm
- 14.74mm
- 14.76mm
- 14.78mm
- 14.80mm
- 14.82mm
- 14.84mm
- 14.86mm

**09**

CNR Code  
150-225

**Adjusment Plug**

**10**

CNR Code  
150-235

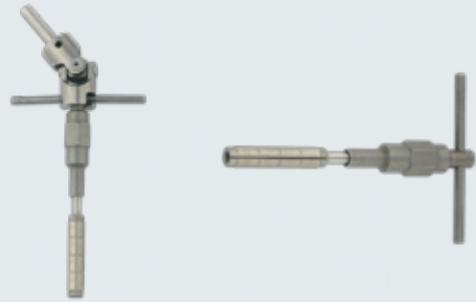
**Adjusment Plug**



11

CNR Code  
600-015

Unit Pump Seat Grinding Tool



12

CNR Code  
600-016

Unit Pump Grinding Tool

- Green : Finish
- Yellow : Middle Finish
- Red : Coarse Grains
- Orange : Extra Coarse Grains



13

CNR Code  
601-015

Unit Pump cbn Bushing for Seat  
Green-Yellow-Red-Orange



14

CNR Code  
150-340

Unit Pump Fuel Plate  
3.83-3.98mm-0.01mm size



15

CNR Code  
601-016

Unit Pump  
Hole Lapping

- Green : Finish
- Red : Coarse Grains



16

CNR Code  
601-015D

Detroit Diesel  
Seat Grinding



17

CNR Code  
601-016D

Detroit Diesel  
Hole Lapping



18

CNR Code  
600-042

Joint for Grinding Tools



19

CNR Code  
600-017

Mitutoyo  
Water Resistance Micrometer



20

CNR Code  
600-019

Unit Pump Plug Side Trigger  
Dist. Measuring Gauge



21

CNR Code  
601-018

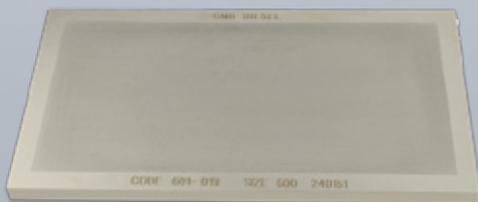
Unit Pump Coil Side  
Measuring Gauge



22

CNR Code  
600-018

Magnetic Gauge Stand



23

CNR Code  
601-019

Cbn Diamond Steel Plate  
Plate Diameter:10x20 cm  
Size: 600-800-1000-1200

24

CNR Code  
600-030

Microscope  
10x Zoom \* 4 = 40x magnification



25

CNR Code  
600-022

**Micrometer Stand**



26

CNR Code  
600-045

**Electrical Seat Grinding  
Machine with joint 450 / 1650 rpm**



27

CNR Code  
600-035S

**600-035S Set-3 Pieces**

Seat Lapping T-bar x2  
Seat Lapping T-bar head plastic x1  
Lapping components ( Course x1  
and Finish x1)  
Hole Grinding with bar x1  
Cleaning brush x2  
Fixing bar x1

**Unit Pump Grinding Tool Set**



28

CNR Code  
600-035L

**600-035L Set-4 Pieces**

Seat Lapping T-bar x3  
Seat Lapping T-bar head plastic x1  
Lapping components (Course x1,  
Middle x1, Finish x1)  
Hole Grinding with bar x1  
Cleaning brush x2  
Fixing bar x1

**Unit Pump Grinding Tool Set**



29

CNR Code  
600-035D

**600-035D Detroit Set-3 Pieces**

Seat Lapping T-bar x2  
Seat Lapping T-bar head plastic x1  
Lapping components (Course x1,  
Finish x1)  
Hole Grinding with bar x1  
Cleaning brush x2  
Fixing bar x1

**Unit Pump Grinding Tool Set  
for Detroit Diesel**

# Spacers & Pins

**01**

F 00Z Z20 003

**08**

7169-453

**15**

2 433 124 379

**02**

2 430 134 023

**09**

2 430 136 202

**16**

2 433 124 388

**03**

2 430 136 085

**10**

2 430 136 212

**17**

2 433 124 446

**04**

2 430 136 166

**11**

F 00Z B20 001 180-487

**05**

7135-487

**12**

2 433 120 127

**06**

F 018 B06 804

**13**

2 433 120 128

**07**

7169-408

**14**

2 433 124 376





**01** CNR Code 160-003 Original Code F 00Z Z20 003 **Injector Spacer**



**02** CNR Code 160-023 Original Code 2 430 134 023 **Injector Spacer**



**03** CNR Code 160-085 Original Code 2 430 136 085 **Injector Spacer**



**04** CNR Code 160-166 Original Code 2 430 136 166 **Injector Spacer**



**05** CNR Code 160-487 Original Code 7135-487 **Injector Spacer**



**06** CNR Code 160-804 Original Code F 018 B06 804 **Injector Spacer**



**07** CNR Code 160-408 Original Code 7169-408 **Injector Spacer**



**08** CNR Code 160-453 Original Code 7169-453 **Injector Spacer**



**09** CNR Code 160-202 Original Code 2 430 136 202 **Injector Spacer**



**10** CNR Code 160-212 Original Code 2 430 136 212 **Injector Spacer**



**11** CNR Code 180-001 Original Code F 00Z B20 001 **Injector Pressure Pin (M.b Daf Renault Kdh)**



**12** CNR Code 180-127 Original Code 2 433 120 127 **Injector Pressure Pin (900 Scania Volvo Yavuz )**



**13** CNR Code 180-128 Original Code 2 433 120 128 **Injector Pressure Pin (Volvo-BMC-Fatih)**



**14** CNR Code 180-376 Original Code 2 433 124 376 **Injector Pressure Pin (Man M.b Scania Volvo)**



**15** CNR Code 180-379 Original Code 2 433 124 379 **Injector Pressure Pin**



**16** CNR Code 180-388 Original Code 2 433 124 388 **Injector Pressure Pin**



**17** CNR Code 180-446 Original Code 2 433 124 446 **Injector Pressure Pin**



**18** CNR Code 180-487 **Injector Pressure Pin**

**01**

262-105

**08**

262-125

**15**

125-001

**22**

1 460 324 332

**02**

262-110

**09**

262-120

**16**

7123-15G

**23**

1 460 324 333

**03**

262-115

**10**

262-140

**17**

7177-419C

**04**

262-130

**11**

262-150

**18**

7177-828T

**05**

262-145

**12**

2 430 100 xxx

**19**

1 463 162 111

**06**

262-155

**13**

2 430 101 xxx

**20**

1 463 162 264

**07**

262-135

**14**

2 430 103 xxx

**21**

1 463 161 596



# Common Rail Washers & Other Washers Piston & Bushing & Throttle Shafts



**01**

CNR Code  
262-105

**Ø 15.80 x 10.40 mm**  
**Common Rail Distance Washer**  
1.20 mm- 1.29 mm 0.01 mm sizes



**02**

CNR Code  
262-110

**Ø 22.80 x 19.55 mm**  
**Common Rail Distance Washer**  
1.53 mm-1.62 mm 0.005 mm sizes



**03**

CNR Code  
262-115

**Ø 23.80 x 18.05 mm**  
**Common Rail Hexagon Washer**  
0.93 mm-1.05 mm 0.01 mm sizes



**04**

CNR Code  
262-130

**Ø 23.65 x 19.05 mm**  
**Common Rail Distance Washer**  
0.95 mm-1.12 mm 0.01 mm sizes



**05**

CNR Code  
262-145

**Ø 23,80 x 19,00 mm**  
**Common Rail Distance Washer**  
1.25 mm-1.35 mm 0.01 mm sizes



**06**

CNR Code  
262-155

**Ø 24.25 x 21.50 mm**  
**Denso Common Rail Distance Washer**  
1.57 mm-1.65 mm 0.005 mm sizes



**07**

CNR Code  
262-135

**Ø 5.50 mm**  
**Common Rail Distance Pin**  
8.30 mm 8.60 mm 0.03 mm sizes



**08**

CNR Code  
262-125

**Ø 2.30 mm**  
**Common Rail Distance Washer**  
1.01 mm-1.37 mm 0.03 mm sizes



**09**

CNR Code  
262-120

**Ø 5.40 x 3.40 mm**  
**Common Rail Distance Washer**  
**1.05 mm-1.70 mm 0.05 mm sizes**



**10**

CNR Code  
262-140

**Ø 4.20 x 2.30 mm**  
**Common Rail Distance Washer**  
**1.05 mm-1.95 mm 0.05 mm sizes**



**11**

CNR Code  
262-150

**Ø 4.00 x 1.75 mm**  
**Denso Common Rail**  
**Distance Washer**  
**1.00 mm-1.20 mm 0,02 mm sizes**



Other Washers



**12**

CNR Code Original Code  
261-100 2 430 100 xxx

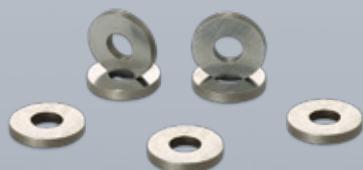
**Ø 9.75 mm**  
**Injector Distance Washers**  
**(1.00 mm-2.00mm**  
**0.05 mm sizes)**



**13**

CNR Code Original Code  
261-101 2 430 101 xxx

**Ø 8.50 mm**  
**Scania, Volvo Injector**  
**Distance Washers**  
**(1.00 mm-2.00mm**  
**0.05 mm sizes)**



**14**

CNR Code Original Code  
261-103 2 430 103 xxx

**Ø 7.15 mm**  
**Japan Group Injector**  
**Distance Washers**  
**(1.00 mm-2.00mm**  
**0.05 mm sizes)**





15

CNR Code  
125-001

**Bosch VE Pressure Piston**  
Standard 0.005-0.010 mm



17

CNR Code Original Code  
125-419C 7177-419C

**Advance Piston**



16

CNR Code Original Code  
125-15G 7123-15G

**Pressure Piston**  
Standard 0.005-0.010 mm



19

CNR Code Original Code  
140-111 1 463 162 111

**Throttle Shaft**



18

CNR Code Original Code  
140-828T 7177-828T

**Throttle Lever**  
Standard 0.03-0.05mm



20

CNR Code Original Code  
140-264 1 463 162 264

**Throttle Shaft**



21

CNR Code Original Code  
140-596 1 463 161 596

**Throttle Shaft**



22

CNR Code Original Code  
220-332 1 460 324 332

**Throttle Shaft Bushing**  
Standard 0.04-0.07 mm



23

CNR Code Original Code  
220-333 1 460 324 333

**Throttle Shaft Bushing**  
Standard 0.04-0.07 mm

**01**

090131-1091

**08**

7180-357K

**15**

513250

**02**

2 433 456 034

**09**

7180-358

**16**

515354

**03**

2 433 456 035

**10**

2 463 452 001

**17**

600-110

**04**

1 417 413 047

**11**

1 463 461 306

**18**

7135-76D

**05**

7008-332

**12**

600-013

**06**

7123-351B

**13**

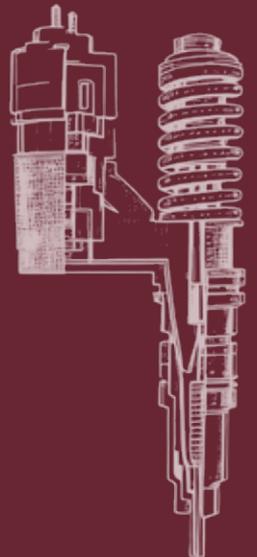
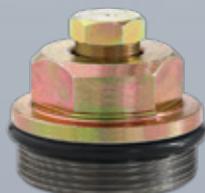
7123-914E

**07**

7123-352B

**14**

7123-914G



# Overflow Valves & Screws Components

**01**

CNR Code 200-1091  
Original Code 090131-1091

**Valve Holder****02**

CNR Code 240-034  
Original Code 2 433 456 034

**Bosch Pump  
Diesel Fuel  
Overflow Valve  
Metric 6x1**

**03**

CNR Code 240-035  
Original Code 2 433 456 035

**Mercedes Cargo  
Diesel Fuel  
Overflow Valve  
Metric 8x1**

**04**

CNR Code 240-047  
Original Code 1 417 413 047

**Mercedes  
Overflow Valve**

**05**

**Vent For Screw**  
CNR Code 240-332  
Original Code 7008-332

**06**

**Vent For Screw**  
CNR Code 240-351B  
Original Code 7123-351B

**07**

**Vent For Screw**  
CNR Code 240-352B  
Original Code 7123-352B

**08**

CNR Code 240-357K  
Original Code 7180-357K

**Pressure  
Overflow Valve**

**09**

CNR Code 240-358  
Original Code 7180-358

**Pressure  
Overflow Valve**



10

CNR Code 600-001  
Original Code 2 463 452 001

**Plug for Rotor  
(Ford Transit)  
(with screw, oring)**

11

CNR Code 600-306  
Original Code 1 463 461 306

**Plug for Rotor  
(with screw,  
washer, oring)**



● Green : 3 micron



● Yellow : 6 micron

12

CNR Code 600-013

**Diamond Paste**



13

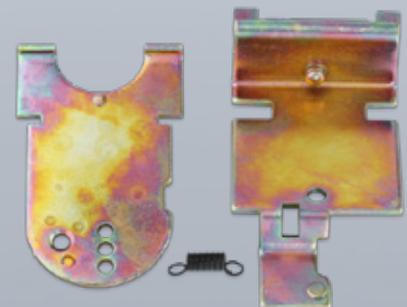
**Regulating Weight**  
CNR Code 300-914E  
Original Code 7123-914E

14

**Regulating Weight**  
CNR Code 300-914G  
Original Code 7123-914G

15

**Ford Cargo Regulating Weight**  
CNR Code 300-250  
Original Code 513250



16

**Ramp Roller**  
CNR Code 600-354  
Original Code 515354

17

**Injector Hole Drill**  
CNR Code 600-110  
0.11 mm-0.12 mm

18

**Spacer Set**  
CNR Code 600-76D  
Original Code 7135-76D

ORIGINAL VALVE CODE	CNR VALVE CODE	ORIGINAL VALVE SET CODE	INJECTOR NUMBER	INJECTOR NUMBER	INJECTOR NUMBER
R297	150-297	F 00R J00 339	0 445 120 018	0 445 120 103	0 445 120 032
R1287 R297	150-297	F 00R J00 399	0 445 120 009	0 445 120 015	0 445 120 084
			0 445 120 010	0 445 120 019	0 445 120 085
			0 445 120 014	0 445 120 020	
R297	150-297	F 00R J02 067 F 00R J01 895	0 445 120 012	0 445 120 017	0 445 120 077
			0 445 120 013	0 445 120 043	0 445 120 089
			0 445 120 016		
R297	150-297	F 00R J02 213	0 445 120 040	0 445 120 041	
R297	150-297	F 00R J00 420	0 445 120 011		
R288	150-297	F 00R J02 130	0 445 120 007	0 445 120 151	0 445 120 239
			0 445 120 018	0 445 120 152	0 445 120 250
			0 445 120 032	0 445 120 208	0 445 120 251
			0 445 120 059	0 445 120 209	0 445 120 252
			0 445 120 060	0 445 120 210	0 445 120 254
			0 445 120 079	0 445 120 211	0 445 120 255
			0 445 120 103	0 445 120 212	0 445 120 256
			0 445 120 123	0 445 120 231	0 445 120 273
R1157 R158	150-158	F 00R J01 159	0 445 120 024	0 445 120 045	0 445 120 068
			0 445 120 026	0 445 120 053	0 445 120 105
			0 445 120 027	0 445 120 055	0 445 120 154
			0 445 120 044	0 445 120 056	
R1157 R158	150-158	F 00R J01 218 F 00R J02 466	0 445 120 030	0 445 120 100	0 445 120 218
			0 445 120 061	0 445 120 217	0 445 120 219
R1157 R158	150-158	F 00R J01 278	0 445 120 054	0 445 120 075	0 445 120 057
			0 445 120 346		
P1940 831	150-831	F 00R J01 941	0 445 120 029	0 445 120 121	0 445 120 236
			0 445 120 037	0 445 120 122	0 445 120 237
			0 445 120 070	0 445 120 125	0 445 120 240
			0 445 120 097	0 445 120 133	0 445 120 241
			0 445 120 112	0 445 120 140	0 445 120 243
			0 445 120 115	0 445 120 144	0 445 120 253
R831	150-831	F 00R J01 222	0 445 120 120	0 445 120 159	0 445 120 272
			0 445 120 033	0 445 120 096	0 445 120 175
			0 445 120 034	0 445 120 108	0 445 120 176
			0 445 120 051	0 445 120 173	
R1938 R831	150-831	F 00R J02 454	0 445 120 052	0 445 120 174	
			0 445 120 025		
R1157 R158	150-158	F 00R J01 451	0 445 120 064	0 445 120 137	0 445 120 246
			0 445 120 065	0 445 120 138	0 445 120 362
			0 445 120 074	0 445 120 139	0 445 120 363
			0 445 120 136	0 445 120 234	
R1157 R158	150-158	F 00R J01 704	0 445 120 110	0 445 120 245	0 445 120 141
R158	150-158	F 00R J01 479	0 445 120 066	0 445 120 067	
R158	150-158	F 00R J01 683	0 445 120 080	0 445 120 268	

ORIGINAL VALVE CODE	CNR VALVE CODE	ORIGINAL VALVE SET CODE	INJECTOR NUMBER	INJECTOR NUMBER	INJECTOR NUMBER
R158	150-158	F 00R J02 103	0 445 120 134	0 445 120 297	
R158	150-158	F 00R J02 235	0 445 120 101	0 445 120 314	
T008	150-056	F 00V C01 001	0 445 110 003	0 445 110 014	0 445 110 069
			0 445 110 004	0 445 110 015	0 445 110 070
			0 445 110 005	0 445 110 024	0 445 110 071
			0 445 110 006	0 445 110 025	0 445 110 072
			0 445 110 009	0 445 110 034	0 445 110 073
			0 445 110 010	0 445 110 035	0 445 110 074
			0 445 110 011	0 445 110 045	0 445 110 093
			0 445 110 012	0 445 110 046	0 445 110 094
T010	150-010	F 00V C01 003	0 445 110 008	0 445 110 020	0 445 110 044
			0 445 110 062		
T010	150-010	F 00V C01 005	0 445 110 021	0 445 110 056	0 445 110 146
			0 445 110 022	0 445 110 086	
T010	150-010	F 00V C01 013	0 445 110 057		
T010	150-010	F 00V C01 015	0 445 110 059		
V043	150-043	F 00V C01 022	0 445 110 084	0 445 110 102	0 445 110 184
			0 445 110 087	0 445 110 141	
V043	150-043	F 00V C01 033	0 445 110 091	0 445 110 186	0 445 110 306
			0 445 110 092	0 445 110 279	
			0 445 110 185	0 445 110 283	
V043	150-043	F 00V C01 034	0 445 110 109	0 445 110 144	0 445 110 178
			0 445 110 110	0 445 110 145	
			0 445 110 127	0 445 110 160	
V043	150-043	F 00V C01 043	0 445 110 047	0 445 110 049	0 445 110 266
			0 445 110 048	0 445 110 130	
V043	150-043	F 00V C01 044	0 445 110 064	0 445 110 126	0 445 110 290
			0 445 110 101		
V043	150-043	F 00V C01 050	0 445 110 173	0 445 110 221	
T048	150-048	F 00V C01 038	0 445 110 083		
T056	150-056	F 00V C01 045	0 445 110 095	0 445 110 105	0 445 110 151
			0 445 110 096	0 445 110 106	0 445 110 152
			0 445 110 099	0 445 110 107	0 445 110 170
			0 445 110 100	0 445 110 108	0 445 110 171
			0 445 110 103	0 445 110 120	
			0 445 110 104	0 445 110 121	
T056	150-056	F 00V C01 051	0 445 110 181	0 445 110 200	0 445 110 207
			0 445 110 182	0 445 110 201	0 445 110 208
			0 445 110 189	0 445 110 202	0 445 110 224
			0 445 110 190	0 445 110 205	0 445 110 225
			0 445 110 199	0 445 110 206	
T334	150-334	F 00V C01 334	0 445 110 183	0 445 110 310	0 445 110 331
			0 445 110 260	0 445 110 316	
			0 445 110 309	0 445 110 322	
T334	150-334	F 00V C01 336	0 445 110 213	0 445 110 287	0 445 110 391
			0 445 110 243		

ORIGINAL VALVE CODE	CNR VALVE CODE	ORIGINAL VALVE SET CODE	INJECTOR NUMBER	INJECTOR NUMBER	INJECTOR NUMBER
T334	150-334	F 00V C01 346	0 445 110 253	0 445 110 258	0 445 110 329
			0 445 110 254	0 445 110 269	0 445 110 330
			0 445 110 257	0 445 110 270	
334	150-334	F 00V C01 347	0 445 110 255	0 445 110 319	0 445 110 320
			0 445 110 256		
332	150-334	F 00V C01 331	0 445 110 209	0 445 110 216	0 445 110 301
			0 445 110 212	0 445 110 219	0 445 110 400
332	150-334	F 00V C01 352	0 445 110 274	0 445 110 278	0 445 110 308
			0 445 110 275	0 445 110 299	0 445 110 327
			0 445 110 277	0 445 110 300	
334	150-334	F 00V C01 353	0 445 110 265		
C339	150-334	F 00V C01 338	0 445 110 247	0 445 110 273	0 445 110 248
T334	150-334	F 00V C01 359	0 445 110 293	0 445 110 365	0 445 110 515
			0 445 110 305	0 445 110 379	0 445 110 521
			0 445 110 313	0 445 110 380	0 445 110 541
			0 445 110 343	0 445 110 397	0 445 110 628
			0 445 110 344	0 445 110 412	0 445 110 629
			0 445 110 345	0 445 110 445	0 445 110 630
			0 445 110 346	0 445 110 446	0 445 110 631
			0 445 110 347	0 445 110 448	0 445 110 632
			0 445 110 355	0 445 110 449	0 445 110 669
			0 445 110 357	0 445 110 454	0 445 110 670
			0 445 110 364	0 445 110 512	0 445 110 710
			316	150-316	F 00V C01 328
0 445 110 138	0 445 110 177	0 445 110 235			
0 445 110 139	0 445 110 179	0 445 110 263			
0 445 110 140	0 445 110 180	0 445 110 264			
0 445 110 155	0 445 110 191				
0 445 110 156	0 445 110 192				
T316	150-316	F 00V C01 315	0 445 110 136	0 445 110 239	0 445 110 282
			0 445 110 188	0 445 110 259	0 445 110 285
			0 445 110 220	0 445 110 271	
T316	150-316	F 00V C01 324	0 445 110 162	0 445 110 193	0 445 110 294
			0 445 110 163	0 445 110 194	0 445 110 295













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**CNR**  
DIESEL SYSTEM PARTS



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