

SPARE PARTS SPECIALIST

CO.R.IN.D.  **S.R.L.**



- Iniezione Diesel
- Iniezione Benzina
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- Turbocompressori
- Antifurto
- Ricambi per veicoli industriali
- Riscaldatori autocarro
- Elettrici
- Elettronici



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- Gasoline Injection
- LPG & CNG Systems
- Turbochargers
- Antitheft devices
- Spare parts for industrial vehicles
- Truck heaters
- Electrical
- Electronic

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INJECTOR CALIBRATION SHIMS



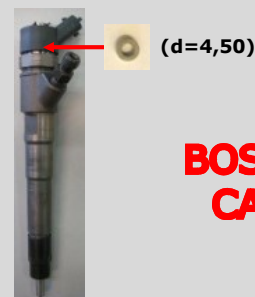
Antiknocking Calibration Shim Kit CMR8500/IMA



**BOSCH
CAR**

Shims from 0,95 mm to 1,18 mm (Step 0,01 mm)

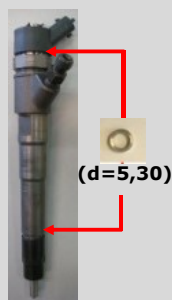
Antiknocking calibration shim kit for 2nd generation injectors CMR8400/IMA-N



**BOSCH
CAR**

Shims from 1,40 mm to 1,86 mm (Step 0,02mm)

Opening start Shim kit CMR8200/IMA



**BOSCH
CAR**

Shims from 1,40 mm to 1,86 mm (Step 0,02 mm)

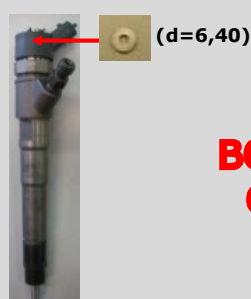
Ball lift Shim Kit for BH CR Injectors 1st generation CMR8700



**BOSCH
CAR**

Shims from 1,20 mm to 1,30 mm (step 0,01 mm)

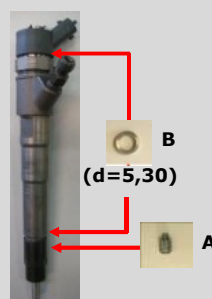
Ball Lift Shim Kit Common-Rail BH 2nd generation CMR8100



**BOSCH
CAR**

Shims from da 1,20 mm a 1,30 mm (Step 0,01 mm)

Nozzle Feelers – Opening Start Common-Rail Injectors 1st generation CMR8283



**BOSCH
CAR**

A: Nozzle Feelers from 8,40 to 8,50 (Step from 0,02 mm)
B: Opening Start from 1,20 mm to 1,70 mm (Step 0,1 mm)

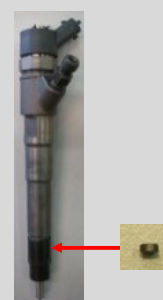
Nozzle feelers an opening start spacers kit CMR89/N



**BOSCH
CAR**

Nozzle Feeler Kit from 1,00 to 1,10 (Step 0,02 mm)

Nozzle feelers an opening start spacers kit CMR89/N



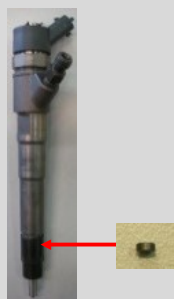
**BOSCH
CAR**

Nozzle Feeler Kit from 1,16 to 1,26 (Step 0,02 mm)

INJECTOR CALIBRATION SHIMS

CO.R.I.N.D. S.R.L.

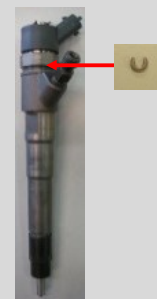
Nozzle feelers an opening start spacers kit CMR89/N



**BOSCH
CAR**

Nozzle Feeler Kit from 1,28 to 1,36 (Step 0,02 mm)

Armature seger Shim Kit for BH CR Injectors 1st generation CMR1200



**BOSCH
CAR**

Armature seger from 1,155 to 1,265 mm (Step from 0,01 mm)

Solenoid Shim Kit CR BH Truck Injectors CMR8600



(d=22,00)

**BOSCH
TRUCK**

Shims from 1,25 mm to 1,35 mm (Step 0,01 mm)

Solenoid level shim kit CR BH Truck Injectors CMR8600/Q2



(d=22,00)

**BOSCH
TRUCK**

Shims from 0,90 mm to 1,10 mm (Step 0,01 mm)

Ball Lift Shim Kit For Bosch CR Type 0 445 120 061-064-137 CMR7100/Q

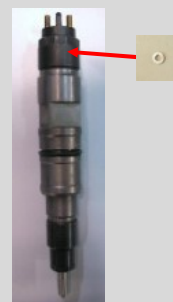
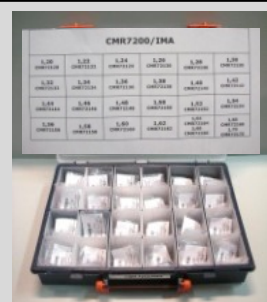


(d=7,60)

**BOSCH
TRUCK**

Shims from 0,98 mm to 1,44 mm (Step from 0,02 mm)

IMA Delivery Shim Box For Injectors Bosch Type 0 445 120 061-064-137 CMR7200/IMA

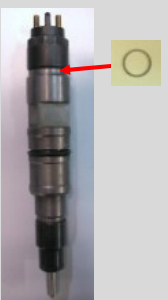


(d=4,20)

**BOSCH
TRUCK**

Shims from 1,20 mm to 1,70 mm (Step from 0,02 mm)

IMA Delivery Shim Box For Bosch MAN Injectors Type 0 445 120 061-064-137 CMR7400/IMA

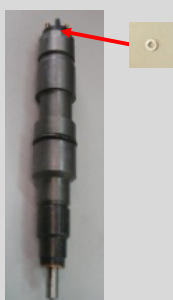


(d=22,80)

**BOSCH
TRUCK**

Shims from 1,34 mm to 1,76mm (Step from 0,02 mm)

IMA Delivery Shim Box For Bosch MAN Injectors Type CMR7500/IMA



(d=5,00)

**BOSCH
TRUCK**

Shims from 1,40 mm to 1,86mm (Step from 0,02 mm)

INJECTOR CALIBRATION SHIMS

CO.R.I.N.D. S.R.L.

Piezo Bosch opening start Shim kit CMR8200/IMA-N

CMR8200/IMA-N					
CMR8200-N 1,40	CMR8202-N 1,42	CMR8204-N 1,44	CMR8206-N 1,46	CMR8208-N 1,48	CMR8210-N 1,50
CMR8212-N 1,52	CMR8214-N 1,54	CMR8216-N 1,56	CMR8218-N 1,58	CMR8220-N 1,60	CMR8222-N 1,62
CMR8224-N 1,64	CMR8226-N 1,66	CMR8228-N 1,68	CMR8230-N 1,70	CMR8232-N 1,72	CMR8234-N 1,74
CMR8236-N 1,76	CMR8238-N 1,78	CMR8240-N 1,80	CMR8242-N 1,82	CMR8244-N 1,84	CMR8246-N 1,86



(d=5,30)

**BOSCH
PIEZO
CAR**

Shims from 1,40 mm to 1,86 mm (Step 0,02 mm)

PiezoBosch actuator shims CMR907



**BOSCH
PIEZO
CAR**

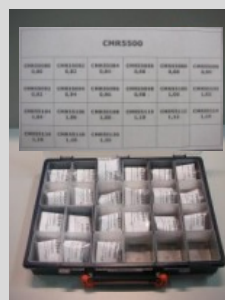
Calibration Dowel Delphi Injector CMR4000



DELPHI

Calibration Dowel from 3,80 to 4,90 mm (Step da 0,1 mm)

Solenoid Shim Kit Siemens Injector 1st Generation CMR5500



(d=19,90)

**Continental
VDO
SIEMENS**

Shims from 0,80 mm to 1,20mm (Step from 0,02 mm)

Solenoid Shim Kit Siemens Injector 2nd Generation CMR5600-S

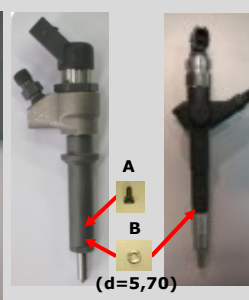


(d=17,95)

**Continental
VDO
SIEMENS**

Shims from 0,90 mm to 1,13mm (Step from 0,01 mm)

Nozzle Feelers – Opening Start Injectors Delivery Siemens - Denso CMR5859



(d=5,70)

**Continental
VDO
SIEMENS
DENSO**

A: Nozzle Feeler from 7,76 to 8,14 (step 0,02 mm)
B: Opening start Shim from 1,30 to 1,60 mm (step 0,02 mm)

Opening Start Nippondenso / Siemens Injectors CMR5800



(d=5,70)

**Continental
VDO
SIEMENS
DENSO**

Shims from 1,240 to 1,700 mm (steps from 0,02 mm)

IMA Delivery Shim Box For Nippondenso Injectors > 1 Ω CMR5400/IMA



(d=23,20)

DENSO

Shims from 3,062 to 3,090 mm (Steps from 0,002 mm)

INJECTOR CALIBRATION SHIMS



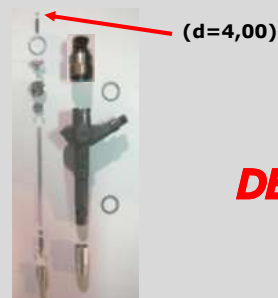
IMA Delivery Shim Box For Nippondenso Injectors <1 Ω CMR5700/IMA



DENSO

Shims from 1,460 to 1,740 mm (Steps from 0,02 mm)

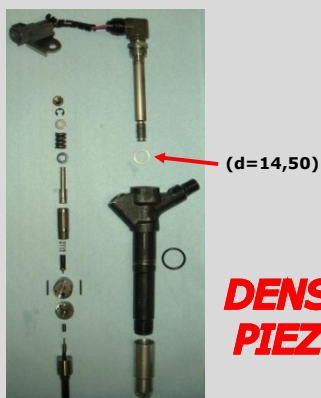
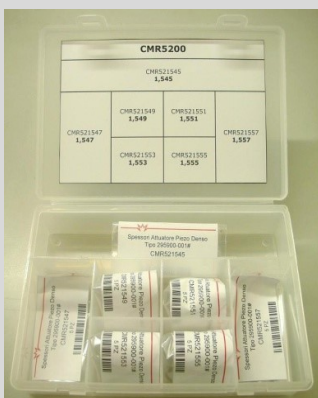
IMA Delivery Shim Box For Nippondenso Injectors CMR5300/IMA



DENSO

Shims from 0,900 to 1,840 mm (steps from 0,02 mm)

Piezo Denso injector actuator shims kit type 295000-001#-295000-002#-295000-010# -295000-011# CMR5200



**DENSO
PIEZO**

Shims from 1,545 mm to 1,557 mm (Step 0,02 mm)

Denso G4 6 Pin and Truck Marine Injector Calibration Shims

	Codice	Descrizione
1	CMR7600	Antiknocking Calibration Shim
2	CMR7700	Valve stroke thickness
3	CMR7800	Thickness of the valve plug
4	CMR7900	Nozzle spring load thickness



DENSO G4

BOSCH 3th GENERATION INJECTORS



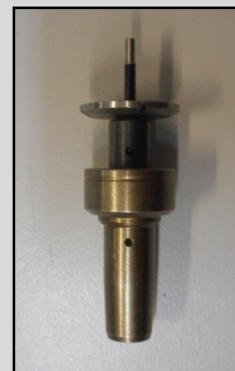
Control chamber complete with
armature injector
0 445 110 351 / 418
CR F 00V C45 200



Control chamber complete with
armature injector
0 445 110
368/369/470/471/472/473/646
CRT528



Control chamber complete with
armature injector
0 445 110 414/511/522/562/598
CR F 00V C01 504



Control chamber complete
with armature injector
0 445 110 485
CR F 00V C01 509

CP4 PUMP SPARE PARTS



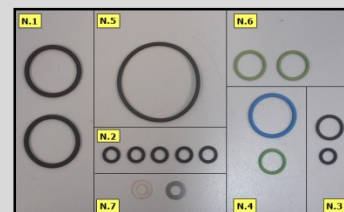
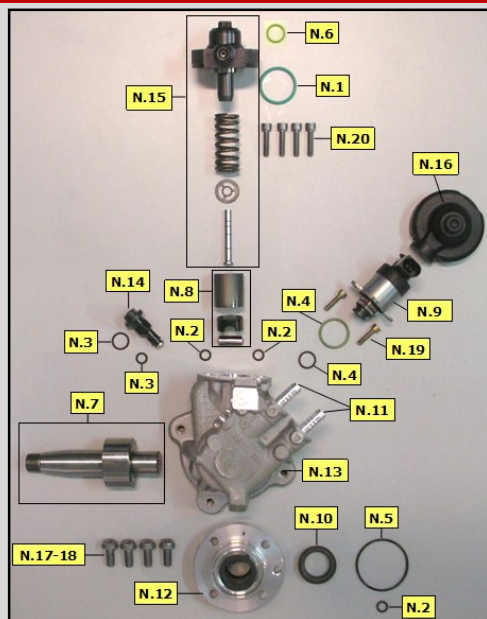
REF.15



REF.8



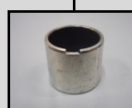
REF.14



Gasket Kit
CMR441-NV

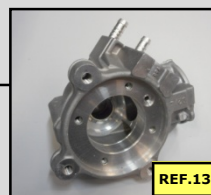
REF.	DESCRIPTION
1	Element base (2 Pcs)
2	Feed pipe and of cooling - Feed pipe regulate (5 Pcs)
3	Pressure transfert valve
4	Regulator
5	Bearing Holder
6	Inlet valve (2 Pcs)
7	Inlet valve seal washer (2 Pcs)

REF.	PART NUMBER	DESCRIPTION
1-2-3-4-5	CMR441-V	Gasket Kit
1-2-3-4-5-6	CMR441-NV	Gasket Kit
7	-----	Cam-shaft (see detailed list)
8	CRF01M900999 (new) CMR611/P (used)	Tappet
9	-----	ZME4 Regulator (see detailed list)
10	Item on request	Seal
11	CMR442-443	Inlet/Outlet unions (fast connector - hose connector)
12	-----	Bearing Holder (see detailed list)
13	-----	Pump body (see detailed list)
14	CMR611/V	Transfer pressure valve (used)
15	CMR611/PP	Complete pumping column (used)
16	CMR444	Protezione colonna pompante
17	CMR466	Viti portacuscinetto M6 (12 Pz)
18	CMR467	Viti portacuscinetto M8 (12 Pz)
19	CMR468	Viti regolatore (6 Pz)
20	CMR469	Viti colonna pompante (12 Pz)



Bottom axis bush
with insert
CMR451

PUMP BODY (USED)	
PART NUMBER	APPLICATION
CMR506/C	0 445 010 506 - 0 445 010 580 - 0 445 010 707
CMR507/C	0 445 010 507 - 0 445 010 508 - 0 445 010 543 - 0 445 010 546
CMR510/C	0 445 010 510 - 0 445 010 582 - 0 445 010 715
CMR512/C	0 445 010 512 - 0 445 010 525 - 0 445 010 545 - 0 445 010 559
CMR514/C	0 445 010 514 - 0 445 010 526 - 0 445 010 532 - 0 445 010 533 0 445 010 551 - 0 445 010 557 - 0 445 010 560 - 0 445 010 565 - 0 445 010 566
CMR516/C	0 445 010 516
CMR519/C	0 445 010 518 - 0 445 010 519 - 0 445 010 554 - 0 445 010 702 - 0 445 010 723 0 445 010 725
CMR529/C	0 445 010 529 - 0 445 010 535 - 0 445 010 562 - 0 445 010 568
CMR530/C	0 445 010 530 - 0 445 010 563
CMR537/C	0 445 010 537 - 0 445 010 538 - 0 445 010 570 - 0 445 010 583
CMR578/C	0 445 010 578 - 0 445 010 579 - 0 445 010 738 - 0 445 010 739
CMR592/C	0 445 010 592
CMR611/C	0 445 010 611 - 0 445 010 639 - 0 445 010 646 - 0 445 010 659 - 0 445 010 669 0 445 010 673 - 0 445 010 685 - 0 445 010 686
CMR624/C	0 445 010 675 - 0 445 010 650 - 0 445 010 801
CMR641/C	0 445 010 641 - 0 445 010 657 - 0 445 010 682 - 0 445 010 683



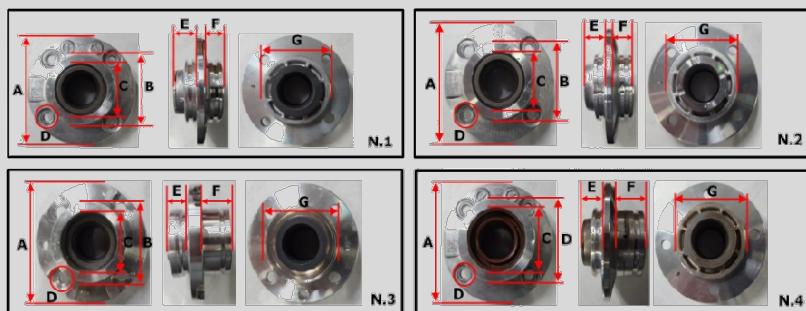
REF.13



REF.9

ZME REGULATOR (USED)	
PURT NUMBER	APPLICATION
CR0928400748/U	0 445 010 611 - 0 445 010 613 - 0 445 010 639 - 0 445 010 640 0 445 010 646 - 0 445 010 647 - 0 445 010 654 - 0 445 010 656 0 445 010 659 - 0 445 010 669 - 0 445 010 673 - 0 445 010 674 0 445 010 685 - 0 445 010 686 - 0 445 010 694 - 0 445 010 695 0 445 010 811 - 0 445 010 812
CR0928400768/U	0 445 010 507 - 0 445 010 508 - 0 445 010 514 - 0 445 010 520 0 445 010 523 - 0 445 010 526 - 0 445 010 527 - 0 445 010 529 0 445 010 532 - 0 445 010 533 - 0 445 010 534 - 0 445 010 535 0 445 010 537 - 0 445 010 538 - 0 445 010 541 - 0 445 010 542 0 445 010 543 - 0 445 010 546 - 0 445 010 551 - 0 445 010 555 0 445 010 557 - 0 445 010 560 - 0 445 010 562 - 0 445 010 565 0 445 010 566 - 0 445 010 567 - 0 445 010 568 - 0 445 010 570 0 445 010 583 - 0 445 010 620 - 0 445 010 624 - 0 445 010 650 0 445 010 664 - 0 445 010 675 - 0 445 010 789 - 0 445 010 790 0 445 010 805 - 0 445 010 806 - 0 445 010 813 - 0 445 010 814 0 445 010 824 - 0 445 010 825 - 0 445 010 838 - 0 445 010 839

CP4 PUMP SPARE PARTS



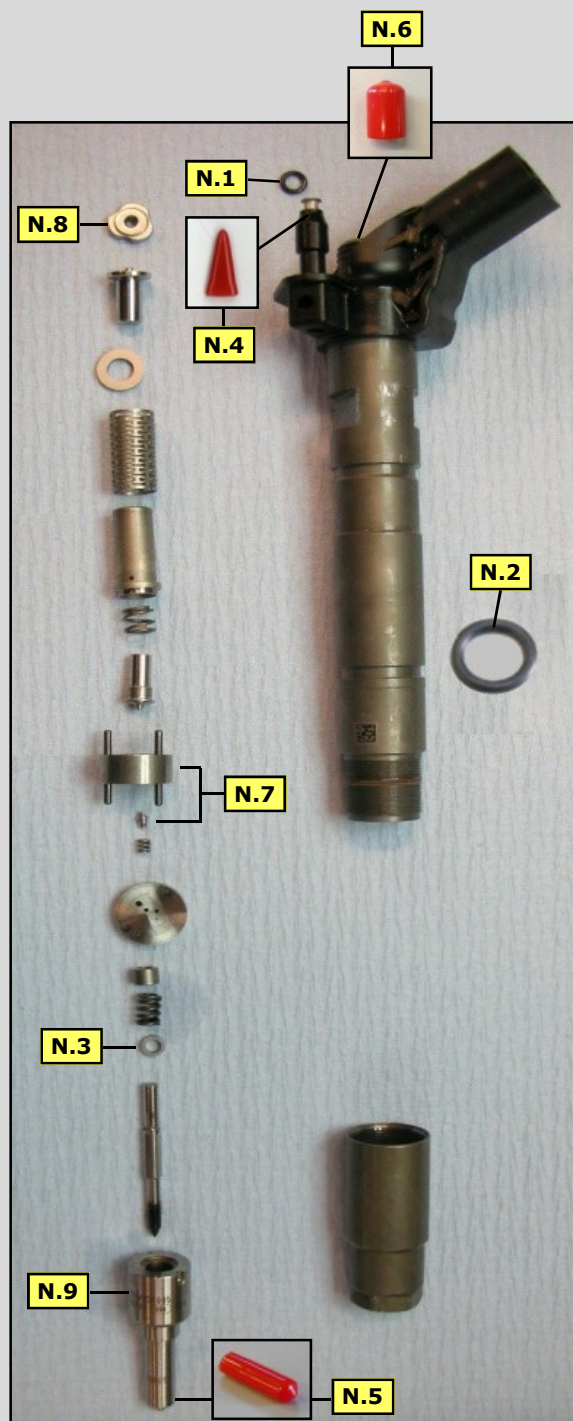
BEARING HOLDER (USED) REF.12		
MOD.	PART NUMBER	APPLICATION
1	CMR452	0 445 010 507 - 0 445 010 529 - 0 445 010 543 0 445 010 546 - 0 445 010 562 - 0 445 010 568 0 445 010 611 - 0 445 010 646 - 0 445 010 659 0 445 010 673 - 0 445 010 685 - 0 445 010 686
2	CMR453	0 445 010 529 - 0 445 010 537 - 0 445 010 562 0 445 010 568 - 0 445 010 570 - 0 445 010 583
3	CMR454	0 445 010 512 - 0 445 010 545 - 0 445 010 559 0 445 010 611 - 0 445 010 624 - 0 445 010 646 0 445 010 650 - 0 445 010 659 - 0 445 010 673 0 445 010 675 - 0 445 010 685 - 0 445 010 686 0 445 010 801
4	CMR455	0 445 010 641 - 0 445 010 642 - 0 445 010 657 0 445 010 658 - 0 445 010 676 - 0 445 010 677 0 445 010 682 - 0 445 010 683 - 0 445 010 692 0 445 010 693



CAM SHAFT REF.7		
MOD.	PART NUMBER	APPLICATION
1	CMR503	0 445 010 579 - 0 445 010 585 - 0 445 010 586 - 0 445 010 593 0 445 010 594 - 0 445 010 739 - 0 986 437 446
1	CMR504	0 445 010 530 - 0 445 010 563 - 0 445 010 704 - 0 986 437 439 0 986 437 442
1	CMR505	0 445 010 511 - 0 445 010 522 - 0 445 010 544 - 0 445 010 556 0 445 010 613 - 0 445 010 636 - 0 445 010 637 - 0 445 010 654 0 445 010 684 - 0 445 010 689 - 0 445 010 690 - 0 445 010 691 0 445 010 694 - 0 445 010 695 - 0 445 010 696 - 0 445 010 699 0 445 010 740 - 0 445 010 830 - 0 445 010 831 - 0 445 010 858 0 986 437 431 - 0 986 437 444 - 0 986 437 463 - 0 986 437 468
2	CMR506	0 445 010 506 - 0 445 010 517 - 0 445 010 528 - 0 445 010 553 0 445 010 561 - 0 445 010 573 - 0 445 010 574 - 0 445 010 580 0 445 010 627 - 0 445 010 634 - 0 445 010 666 - 0 445 010 667 0 445 010 678 - 0 445 010 679 - 0 445 010 707 - 0 445 010 719 0 445 010 783 - 0 445 010 784 - 0 445 010 785 - 0 445 010 794 0 986 437 401 - 0 986 437 402 - 0 986 437 424 - 0 986 437 429
1	CMR507	0 445 010 507 - 0 445 010 508 - 0 445 010 520 - 0 445 010 541 0 445 010 542 - 0 445 010 543 - 0 445 010 546 - 0 986 437 407 0 986 437 408 - 0 986 437 409 - 0 986 437 433
2	CMR508	0 445 010 519 - 0 445 010 554 - 0 445 010 702 - 0 445 010 723 0 445 010 725 - 0 986 437 425
2	CMR509	0 445 010 509 - 0 445 010 510 - 0 445 010 521 - 0 445 010 524 0 445 010 547 - 0 445 010 558 - 0 445 010 581 - 0 445 010 582 0 445 010 617 - 0 445 010 623 - 0 445 010 665 - 0 445 010 688 0 445 010 711 - 0 445 010 713 - 0 445 010 715 - 0 445 010 717 0 445 010 807 - 0 445 010 809 - 0 986 437 406 - 0 986 437 426 0 986 437 427 - 0 986 437 428 - 0 986 437 455
1	CMR611	0 445 010 611 - 0 445 010 639 - 0 445 010 646 - 0 445 010 659 0 445 010 669 - 0 445 010 673 - 0 445 010 685 - 0 445 010 686 0 986 437 404
1	CMR612	0 445 010 516 - 0 445 010 531 - 0 445 010 536 - 0 445 010 539 0 445 010 548 - 0 445 010 549 - 0 445 010 552 - 0 445 010 564 0 445 010 569 - 0 445 010 571 - 0 445 010 576 - 0 445 010 577 0 986 437 430 - 0 986 437 448 - 0 986 437 449 - 0 986 437 459 0 986 437 460
1	CMR613	0 445 010 513 - 0 445 010 514 - 0 445 010 526 - 0 445 010 529 0 445 010 532 - 0 445 010 533 - 0 445 010 534 - 0 445 010 535 0 445 010 550 - 0 445 010 551 - 0 445 010 557 - 0 445 010 560 0 445 010 562 - 0 445 010 565 - 0 445 010 566 - 0 445 010 567 0 445 010 568 - 0 986 437 405 - 0 986 437 420 - 0 986 437 434 0 986 437 438
1	CMR614	0 445 010 537 - 0 445 010 538 - 0 445 010 570 - 0 445 010 583 0 986 437 440 - 0 986 437 450
3	CMR615	0 445 010 512 - 0 445 010 525 - 0 445 010 545 - 0 445 010 559 0 445 010 612 - 0 445 010 618 - 0 445 010 655 - 0 445 010 680 0 986 437 423 - 0 986 437 437 - 0 986 437 443 - 0 986 437 465 0 986 437 467
3	CMR616	0 445 010 585 - 0 445 010 586 - 0 445 010 593 - 0 445 010 594 0 986 437 461
1	CMR617	0 445 010 629 - 0 445 010 662 - 0 445 010 832 - 0 445 010 833 0 986 437 432
1	CMR618	0 445 010 624 - 0 445 010 642 - 0 445 010 650 - 0 445 010 658 0 445 010 675 - 0 445 010 676 - 0 445 010 677 - 0 445 010 682 0 445 010 683 - 0 445 010 693 - 0 445 010 801 - 0 986 437 418 0 986 437 435 - 0 986 437 454
1	CMR619	0 445 020 508 - 0 445 020 516 - 0 445 020 522
1	CMR620	0 445 010 540 - 0 445 010 721 - 0 445 010 727 - 0 445 010 755 0 986 437 457

PIEZO BOSCH INJECTOR SPARE PARTS

CO.R.I.N.D. S.R.L.



REF.	PART NUMBER	DESCRIPTION
1	CMR901	In-let leak-off O'Ring
2	CMR110	Injector body O'Ring
3	CMR8200/IMA-N	Opening start Shim kit
4	CMR120	Protection Cap
5	CMR63	Cap
6	CMR128	Cap
7	CMR920/C	Return Servovalve with master for injectors type 115
7	CMR930/C	Return Servovalve with master for injectors type 116 or 117
8	CMR907	Piezo Actuator shim kit
9	-----	Nozzle (on request according to the code)



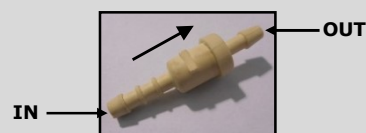
Servovalve return
complete with master
CMR920/C or CMR930/C



Piezo Actuator
Shim Kit
CMR907

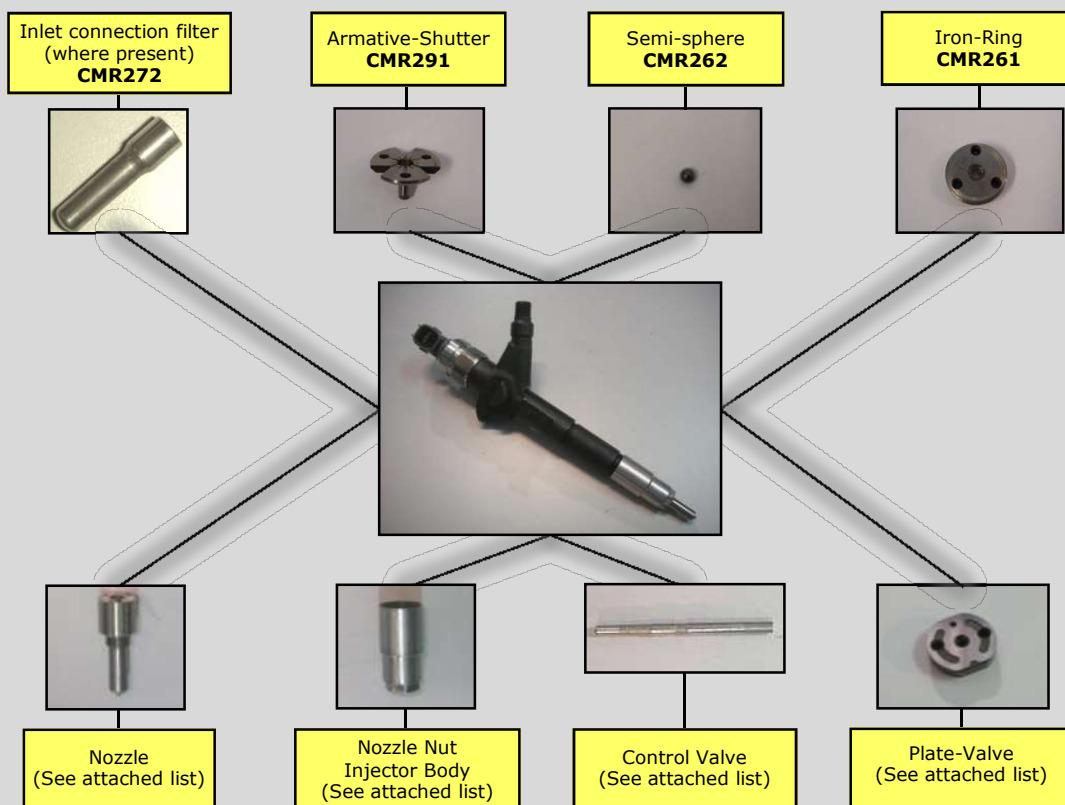
Silicon break fluid amplifier
Piezo movement

CABF4 (1 liter)
CABF4/D (10 ml)

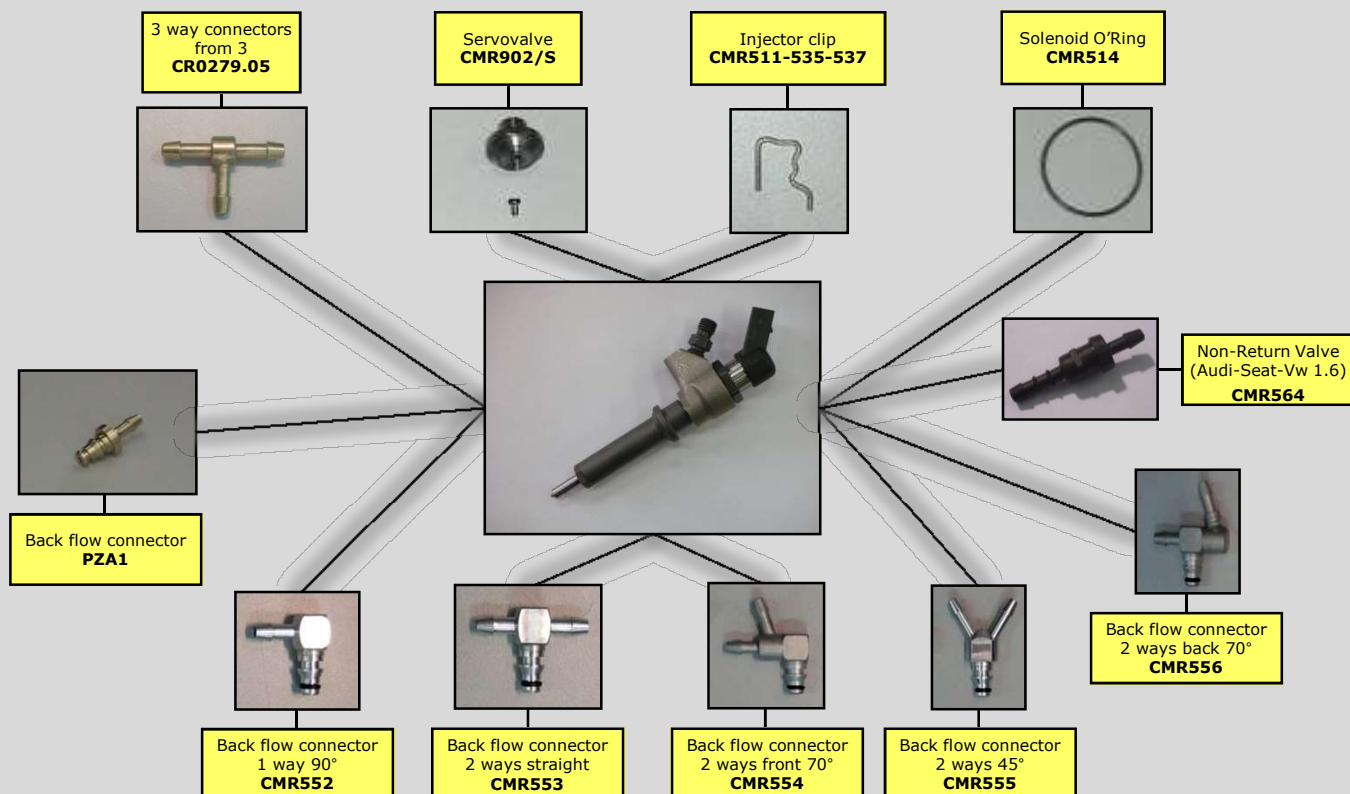


NON-RETURN VALVE
(AUDI - SEAT - SKODA - VW 2.0)
CMR568

DENSO INJECTORS SPARE PARTS

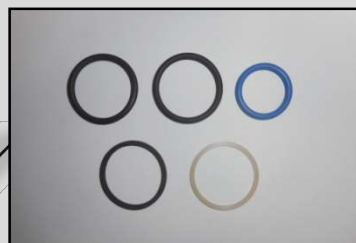


SIEMENS PIEZO INJECTORS SPARE PARTS

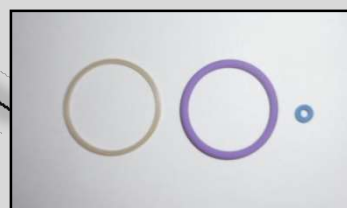


CATERPILLAR C7 INJECTORS SPARE PARTS

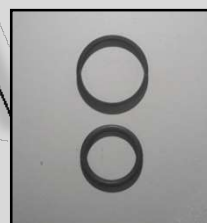
CO.R.I.N.D. S.R.L. 



O'Ring Kit External
EUI117

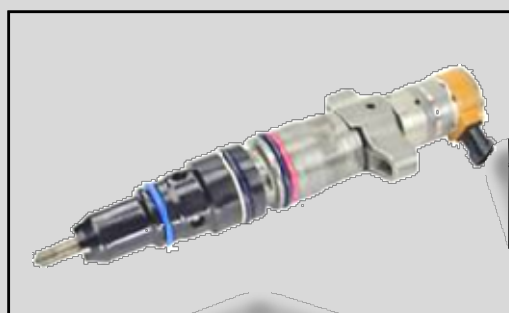


O'Ring Kit Internal
EUI121

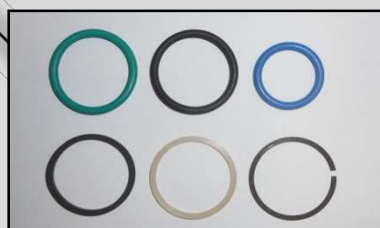


O'Ring oil pump
cylinder kit
EUI124

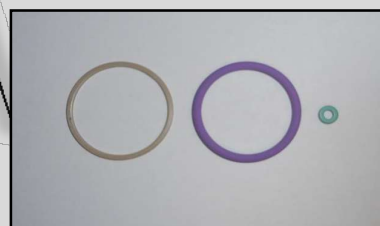
CATERPILLAR C9 INJECTORS SPARE PARTS



Kit O'Ring Internal
complete with screws
EUI118



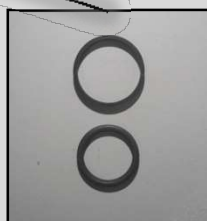
O'Ring Kit External
EUI119



O'Ring Kit Internal
EUI120



O'Ring master
spray nozzle seal
EUI122



O'Ring oil pump
cylinder kit
EUI124

CONNECTORS FOR INJECTORS AND SENSORS

CO.R.I.N.D.  S.R.L.

Immagine	Codice	Applicazione
	555-2/1	Bosch injectors type Fiat - Iveco - Bmw
	555-8/1	Bosch injectors type Mercedes
	555-13/1	Delphi 1.1 injectors
	555-13/1P	Delphi 1.5 injectors
	555-50/1	Denso 4 Pin injectors
	555-50-2/1	Denso 2 Pin injectors
	555-90-2/1	Delphi E3 Pump-Injectors (4 pin)
	555-48-7/1	Delphi E1 (2 pin) and Bosch PDE80 injector pumps
	555-3/1	Pump pressure sensor Bosch type Fiat - Iveco - Bmw
	555-7/1	Bosch pump pressure sensor for Mercedes and Delphi DFP3.1 and Bosch 3 Pin injectors
	555-41-1/KIT	Pump pressure sensor Delphi DFP1

SPARE PARTS SPECIALIST



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