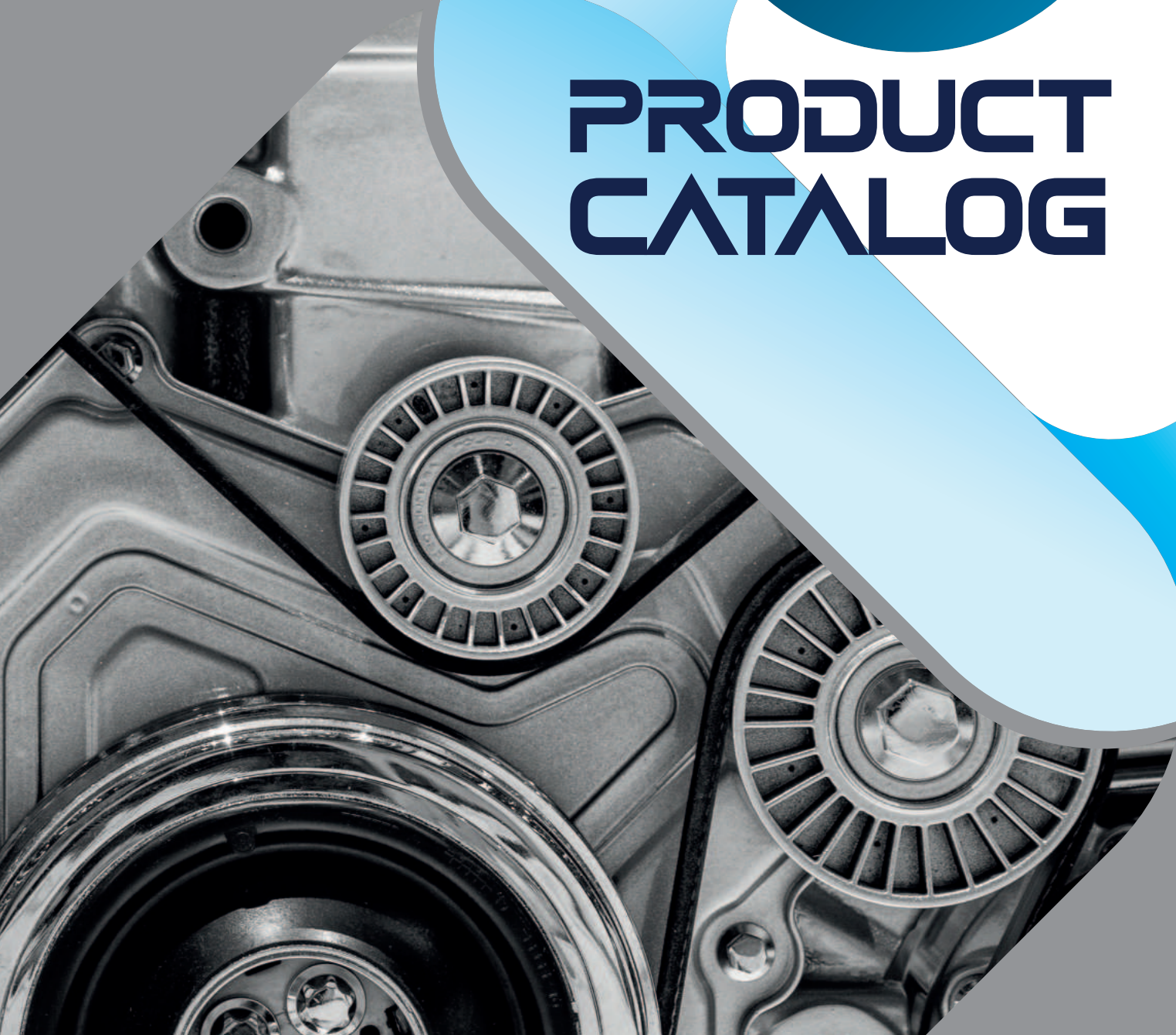




PRODUCT CATALOG



us
2010
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os
us

QUICK GUIDE

1 TOOL KITS 2025

5

2 TOOLS 2025

31

3 EQUIPMENT 2025

39

TOOL

TOOL

TOOL

TOOL



TOOL KITS 2025

REPAIR KIT CUMMINS ISM | M11 | N14 | CELECT

2R A46 003 REPAIR KIT CUMMINS ISM | M11 | N14 | CELECT



1. 2R A00 018

ASSEMBLY TOOL
AND DISASSEMBLY
OF THE POPPET
VALVE UNIT M11/N14



2. 2R A00 019

TOOL FOR
MEASURING STROKE
OF THE POPPET VALVE
UNIT M11/N14



3. 2R A00 020

VALVE TESTING TOOL
POPPET UNIT M11/N14



4. 2R A00 021

TOOL FOR TESTING
NOZZLE M11 UNIT



5. 2R A00 023

WRENCH NUT NOZZLE
UNIT M11/N14



6. 2R A00 057

VALVE TESTING
DEVICE CHECK UNIT
M11/N14



7. 2R A00 058

DEVICE FOR SEALING
TEST OF HOUSING
UNIT M11/N14



8. 2R A00 068

NOZZLE TEST
TOOL UNIT N14



9. 2R A00 074

TOOL TO MEASURE
CLAMPING PLATE
DIFFERENCE U1/UP
SCANIA/CAT C4/C6/C15
VOLVO D12A A/C/ DAF
EURO V/V1 CUMMINS
M11/N14



10. 2R A00 094

GRINDING DEVICE
HOUSING CUMMINS
VALVE M11/N14



11. 2R A00 211

DEVICE NUT 2R A00
058, FOR VACUUM
TESTING OF
HOUSING M11



12. 2R A00 212

DEVICE NUT 2R A00
058, FOR VACUUM
TESTING OF N14
HOUSING



13. 2R A00 270

OPEN-END WRENCH
FOR LOOSENING AND
TIGHTENING 29 MM



14. 2R A00 284

DEVICE FOR
MEASURING CUMMINS
M11/N14 VALVE WITH
SOLENOID



15. 2R A12 023

DIAL INDICATOR
0.01 MM



REPAIR KIT BOSCH CRIN 4.2



2R A46 007 REPAIR KIT BOSCH CRIN 4.2

1. 2R A00 048

INJECTOR FILTER
PULLER CRIN 4.2



2. 2R A00 049

FILTER INJECTOR
APPLICATOR CRIN 4.2



3. 2R A00 051

KEY TO LOCK
INJECTOR CRIN 4.2



4. 2R A00 052

EIGHT-SIDED
INJECTOR KEY
CRIN 4.2



5. 2R A00 055

INJECTOR SOLENOID
SWITCH CRIN 4.2



6. 2R A00 056

INJECTOR STROKE
TOOL CRIN4.2



7. 2R A00 059

COMPLETE
SOCKET TOOL TO
LOOSEN INJECTOR
NUT CRIN 4.2



8. 2R A00 037

DEVICE FOR
MEASURING INJECTOR
STROKE CRIN 4.2



9. 2R A00 114

LAPPING DEVICE
VALVE NOZZLE
CONTROL CRIN 4.2



10. 2R A00 115

LAPPING DEVICE
FOR ADJUSTING
THE STROKE OF THE
ARMATURE CRIN 4.2



11. 2R A00 116

STONING DEVICE SEAT
VALVE PRESSURE
REGULATOR CONTROL
CRIN 4.2



12. 2R A00 213

CRIN 4.2. TAP WRENCH



13. 2R A12 001

DIGITAL DIAL
INDICATOR 0.001 MM



14. 2R A12 041

ALLEN SCREW



15. 2R A12 040

M5.0 TAP



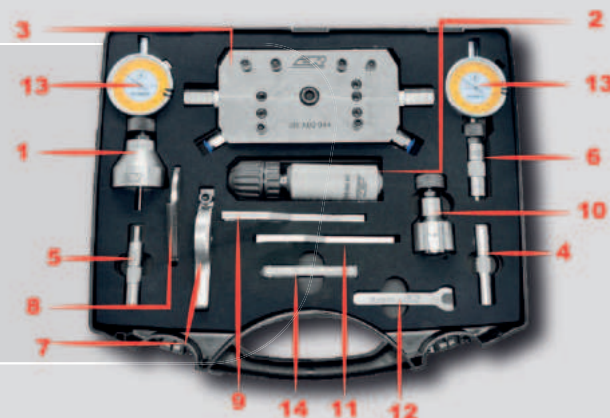
16. 2R A12 056

30 MM HEX SOCKET,
1/2" DRIVE



REPAIR KIT SCANIA HPI | CUMMINS ISX | QSL

2R A46 009 REPAIR KIT SCANIA HPI | CUMMINS ISX | QSL



1. 2R A00 042

TOOL FOR
MEASURING
HPI UNIT



2. 2R A00 043

HPI UNIT MANDREL
SHANK



3. 2R A00 044

DEVICE FOR TESTING
THE HPI UNIT VALVE



4. 2R A00 045

APPLICATOR
PIN HPI UNIT



5. 2R A00 046

PULLER PIN HPI UNIT



6. 2R A00 047

DEVICE FOR
MEASURING VALVE
UNIT HPI



7. 2R A00 133

NUT WRENCH HPI
UNIT



8. 2R A00 134

HOUSING KEY.HPI
UNIT



9. 2R A00 135

FILTER REMOVAL
KEY HPI UNIT



10. 2R A00 177

VALVE STROKE
MEASURING TOOL



11. 2R A00 229

SMALL HPI FILTER
REMOVAL WRENCH



12. 2R A00 230

HPI VALVE NUT
WRENCH



13. 2R A12 019

ANALOG DIAL
INDICATOR 0 –
10 MM / 0.01 MM

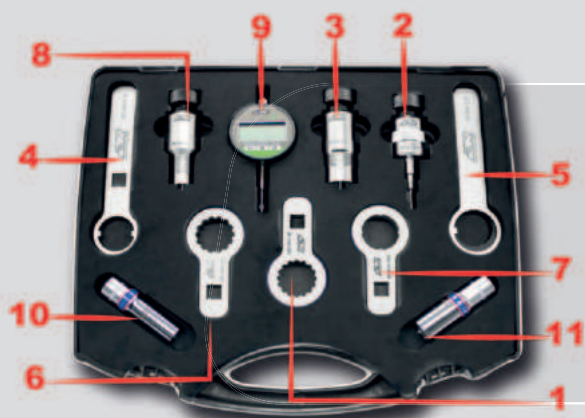


14. 2R A13 035

DRILL 1,40 MM



REPAIR KIT SCANIA XPI | CUMMINS ISX/ ISG/ISL/QSL



2R A46 012

REPAIR KIT SCANIA
XPI | CUMMINS ISX/
ISG/ISL/QSL

1. 2R A00 010

SPLINED KEY 14 TEETH
INJECTOR XPI



2. 2R A00 012

STROKE MEASURING
DEVICE AH
INJECTOR XPI



3. 2R A00 013

STROKE MEASURING
DEVICE DNH
INJECTOR XPI



4. 2R A00 014

WRENCH TO RELEASE
COIL INJECTOR XPI



5. 2R A00 015

KEY TO RELEASE
HOUSING
INJECTOR XPI



6. 2R A00 063

SPLINED KEY 16 TEETH
INJECTOR XPI



7. 2R A00 064

SPLINED KEY 04
TEETH INJECTOR XPI



8. 2R A00 072

STROKE MEASURING
DEVICE ISL/FOTON
INJECTOR XPI



9. 2R A12 001

DIGITAL DIAL
INDICATOR 0.001 MM



10. 2R A12 018

18 MM LONG HEX
SOCKET



11. 2R A12 024

15 MM LONG HEX
SOCKET



REPAIR KIT SCANIA XPI | CUMMINS ISX/ISG/ISL/ QSL WITH LAPPING TOOLS

2R A46 012A REPAIR KIT SCANIA XPI | CUMMINS ISX/ISG/ISL/QSL WITH LAPPING TOOLS



1. 2R A00 010

SPLINED KEY 14
TEETH INJECTOR XPI



2. 2R A00 012

STROKE MEASURING
DEVICE AH
INJECTOR XPI



3. 2R A00 013

STROKE MEASURING
DEVICE DNH
INJECTOR XPI



4. 2R A00 014

WRENCH TO RELEASE
COIL INJECTOR XPI



5. 2R A00 015

KEY TO RELEASE
HOUSING
INJECTOR XPI



6. 2R A00 063

SPLINED KEY 16 TEETH
INJECTOR XPI



7. 2R A00 064

SPLINED KEY 04
TEETH INJECTOR XPI



8. 2R A00 072

STROKE MEASURING
DEVICE ISL/FOTON
INJECTOR XPI



9. 2R A00 148

NOZZLE SEAT
LAPPING DEVICE
INJECTOR XPI SCANIA



10. 2R A00 149

VALVE SEAT LAPPING
DEVICE INJECTOR XPI
SCANIA



11. 2R A00 150

NOZZLE SEAT
LAPPING DEVICE
INJECTOR XPI
CUMMINS



12. 2R A00 151

VALVE SEAT LAPPING
DEVICE INJECTOR XPI
CUMMINS



13. 2R A12 001

DIGITAL DIAL
INDICATOR 0.001 MM



14. 2R A12 018

18 MM LONG HEX
SOCKET



15. 2R A12 024

15 MM LONG HEX
SOCKET

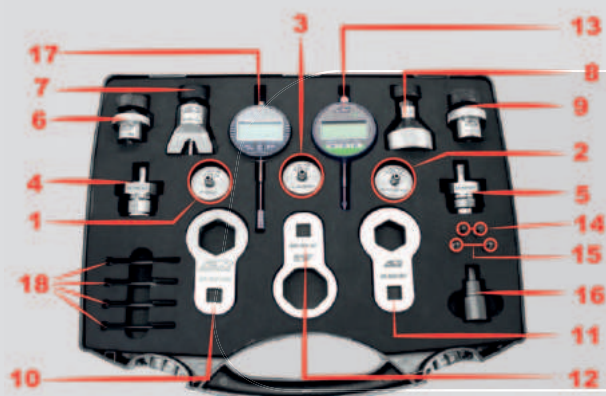


16. 2R A12 018

22 MM LONG HEX
SOCKET



REPAIR KIT UNIT EUI | EUP BOSCH



2R A46 017 REPAIR KIT UNIT EUI | EUP BOSCH

1. 2R A00 007

TEST TIP MBB



2. 2R A00 008

TEST TIP SCANIA



3. 2R A00 009

TEST TIP IVECO



4. 2R A00 030

DEVICE FOR
ADJUSTING NOZZLE
VOLVO | BOSCH



5. 2R A00 033

DEVICE FOR
ADJUSTING NOZZLE
SCANIA UI | EURO 3 |
EURO 5 E IVECO 013



6. 2R A00 073

DEVICE FOR
MEASURING THE
DIFFERENCE BETWEEN
THE HOUSING AND
THE VALVE | PLUG UNIT
SCANIA



7. 2R A00 074

DEVICE FOR MEASURING
DIFFERENCE BETWEEN
PLATES UI | UP |
MERCEDES | SCANIA
CAT C4/C6, C7/C9, C15
AND VOLVO D12A-C



8. 2R A00 075

DEVICE FOR
MEASURING VALVE
STROKE SCANIA |
IVECO



9. 2R A00 083

DEVICE FOR
MEASURING THE
DIFFERENCE BETWEEN
THE HOUSING AND
THE VALVE | PLUG UNIT
MERCEDES



10. 2R A00 087

SMALLER HEX KEY



11. 2R A00 088

LARGER HEX KEY



12. 2R A00 089

OCTAGONAL KEY



13. 2R A12 023

DIGITAL DIAL
INDICATOR 0.01 MM, 1/2"



14. 2R A12 021

STAINLESS STEEL
SCREW RELEASE KEY
MBB



15. 2R A12 022

KEY TO RELEASE
DOCKING PLATE UI | UP



16. 2R A12 025

SPARK PLUG KEY
SCANIA



17. 2R A12 026

DIGITAL DIAL
INDICATOR 0.01 MM, 1"



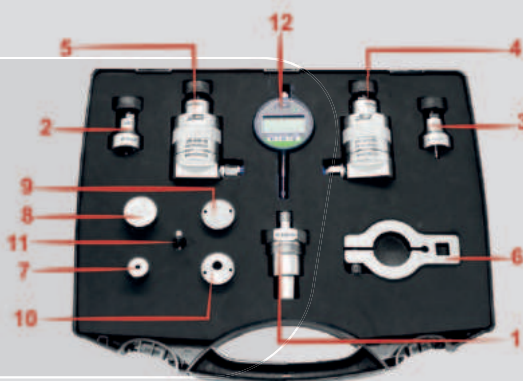
18. 2R A12 043

SCREW M4



REPAIR KIT UNIT E3 - D13

2R A46 018 REPAIR KIT UNIT E3 - D13



1. 2R A00 028

DEVICE FOR
ADJUSTING NOZZLE
UNIT E3 | D13



2. 2R A00 077

DEVICE FOR
MEASURING VALVE
PLATE GAP NCV UNIT
E3 | D13



3. 2R A00 078

DEVICE FOR
MEASURING VALVE
PLATE GAP SCV UNIT
E3 | D13



4. 2R A00 110

DEVICE CHECKING
VACUUM AND
VALVE STROKE SCV
UNIT E3 | D13



5. 2R A00 111

DEVICE CHECKING
VACUUM AND
VALVE STROKE NCV
UNIT E3 | D1



6. 2R A00 112

KEY FOR
DISASSEMBLING
VALVE UNIT E3 | D13



7. 2R A00 214

DEVICE FOR
MOUNTING VALVE
NCV UNIT E3 | D13



8. 2R A00 215

VALVE MOUNTING
DEVICE SCV UNIT
E3 | D13



9. 2R A00 216

BASE FOR
MOUNTING VALVE
SCV UNIT E3 | D13



10. 2R A00 217

BASE FOR
DISASSEMBLING
VALVE SCV UNIT
E3 | D13



11. 2R A00 218

VALVE GRINDING PIN
SCV UNIT E3 | D13



12. 2R A12 023

DIGITAL DIAL
INDICATOR 0.01 MM



REPAIR KIT UNIT BOSCH E1 | IVECO EURO 5 | DETROIT DD5



2R A46 019 REPAIR KIT UNIT BOSCH E1 | IVECO EURO 5 | DETROIT DD5

1. 2R A00 031

DEVICE FOR
ADJUSTING NOZZLE
UNIT IVECO EURO 5



2. 2R A00 079

DEVICE FOR
MEASURING VALVE
UNIT IVECO E1



3. 2R A00 088

HEX KEY 32,0 MM



4. 2R A00 113

DEVICE CHECK
VACUUM VALVE UNIT
IVECO EURO 5



5. 2R A00 137

HEX KEY 34,0 MM



6. 2R A00 219

PIN FOR LAPPING WITH
PASTE VALVE UNIT
IVECO E1



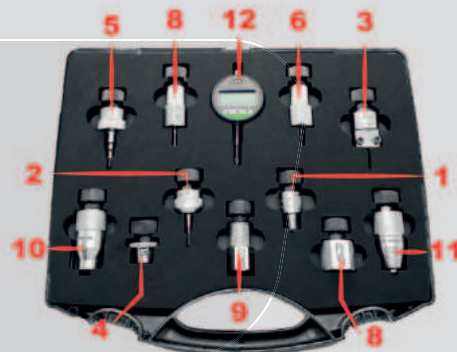
7. 2R A12 023

DIGITAL DIAL
INDICATOR 0,01 MM



CALIBRATION KIT INJECTORS BOSCH | DENSO | CONTINENTAL

2R A46 022 CALIBRATION KIT INJECTORS BOSCH | DENSO | CONTINENTAL



1. 2R A00 080

DEVICE FOR
MEASURING VALVE
BOSCH PIEZO



2. 2R A00 126

DEVICE TO MEASURE
MOTION AH
INJECTORS CRIN



3. 2R A00 127

DEVICE TO MEASURE
MOTION AH
INJECTORES CRI/CRI
2.0 - 2.2



4. 2R A00 128

DEVICE FOR
DETERMINING
SHIM THICKNESS |
MEASURE MOVEMENT
AH INJECTORS
CONTINENTAL



5. 2R A00 129

DEVICE FOR
DETERMINING
SHIM THICKNESS |
MOVEMENT AH
INJECTORS XPI



6. 2R A00 130

DEVICE FOR
MEASURING ACTUATED
MOVEMENT INJECTORS
PIEZO DENSO



7. 2R A00 131

DEVICE FOR
MEASURING ACTUATOR
MOVEMENT INJECTORS
PIEZO BOSCH



8. 2R A00 132

DEVICE FOR
MEASURING ACTUATOR
MOVEMENT INJECTORS
CONTINENTAL



9. 2R A00 139

DEVICE FOR
MEASURING ACTUATOR
MOVEMENT INJECTORS
CONTINENTAL EURO 6



10. 2R A00 190

HYDRAULIC
COUPLING
MEASURING DEVICE
INJECTORS PIEZO
BOSCH



11. 2R A00 191

DEVICE TO MEASURE
HOUSING DISTANCE
INJECTORS PIEZO
BOSCH/HYDRAULIC
COUPLING

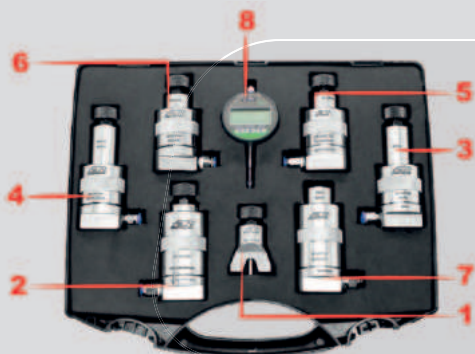


12. 2R A12 001

DIGITAL DIAL
INDICATOR 0.001 MM



TEST KIT VALVES NCV / SCV | UNIT DELPHI | IVECO EURO 5



2R A46 023

TEST KIT VALVES NCV/SCV |
UNIT DELPHI | IVECO EURO 5

1. 2R A00 074

DEVICE FOR
MEASURING
DIFFERENCE
BETWEEN PLATES
UI | UP | MERCEDES
| SCANIA CAT C4/
C6, C7/C9, C15 AND
VOLVO D12A | C



2. 2R A00 095

DEVICE CHECK
VACUUM AND STROKE
VALVE UNIT D12D |
DAF EURO 5



3. 2R A00 096

VACUUM AND STROKE
CHECKING DEVICE
VALVE UNIT D12A | C



4. 2R A00 099

DEVICE TO CHECK
VACUUM AND VALVE
STROKE CAT C15
SERIES A



5. 2R A00 110

DEVICE TO CHECK
VACUUM AND
VALVE STROKE SCV
UNIT E3 | D13



6. 2R A00 111

DEVICE CHECKING
VACUUM AND
VALVE STROKE NCV
UNIT E3 | D13



7. 2R A00 113

DEVICE TO CHECK
VACUUM, VALVE
IVECO EURO 5



8. 2R A12 023

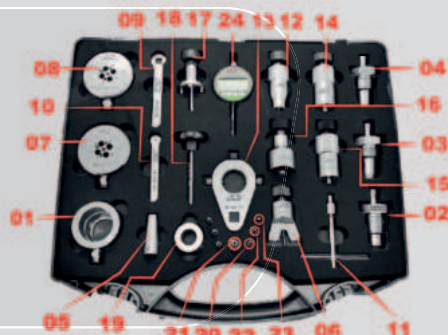
DIGITAL DIAL
INDICATOR 0.01 MM



REPAIR KIT UNIT HEUI CATERPILLAR C7/C9 | 3126 | NAVISTAR

2R A46 025

REPAIR KIT UNIT HEUI
CATERPILLAR C7/C9 | 3126 |
NAVISTAR



1. 2R A00 005

TOOL FOR VACUUM
TESTING IN UNITS
3126 E NAVISTAR



2. 2R A00 032

DEVICE FOR
ADJUSTING NOZZLE
NAVISTAR/CAT 3126



3. 2R A00 035

DEVICE FOR
ADJUSTING NOZZLE
CATERPILLAR C9



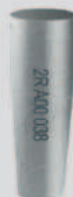
4. 2R A00 036

DEVICE FOR
ADJUSTING NOZZLE
CATERPILLAR
C7/C9



5. 2R A00 038

RING APPLICATOR
C7/C9



6. 2R A00 074

DEVICE FOR
MEASURING
DIFFERENCE BETWEEN
PLATES U1 | UP
MERCEDES | SCANIA |
CAT C4/C6, C7/C9, C15
AND VOLVO D12A-C



7. 2R A00 097

CALIBRATION TEST
DEVICE | VALVE
STROKE AND
SEALING C7



8. 2R A00 098

CALIBRATION TEST
DEVICE | VALVE
STROKE AND
SEALING C9



9. 2R A00 106

KEY TO DISASSEMBLE
VALVE UNIT CAT C7/C9



10. 2R A00 107

KEY TO DISASSEMBLE
VALVE UNIT CAT C7
TORX T10



11. 2R A00 108

VALVE
DISASSEMBLY TOOL
FOR HEUI CAT 3126



12. 2R A00 172

NOZZLE NEEDLE
MEASURING DEVICE
INJECTOR



REPAIR KIT UNIT HEUI CATERPILLAR C7/C9 | 3126 | NAVISTAR



2R A46 025

REPAIR KIT UNIT HEUI
CATERPILLAR C7/C9 |
3126 | NAVISTAR

13. 2R A00 173

NUT WRENCH UNIT
NAVISTAR



14. 2R A00 175

DOCKING PLATE GAP
MEASURING TOOL
UNIT C7/C9 NAVISTAR



15. 2R A00 176

TOOL TO MEASURE
SPOOL VALVE LOAD
UNIT C7/C9 NAVISTAR
(NO HOLE)



16. 2R A00 177

VALVE STROKE
MEASURING TOOL
UNIT 3126/NAVISTAR



17. 2R A00 180

DEVICE FOR SEALING
TEST, STROKE,
ASSEMBLY AND
DISASSEMBLY OF
VALVE POPPET C7/C9



18. 2R A00 182

DEVICE FOR
COMPRESSING THE TIP
OF THE UNITS



19. 2R A00 222

INTENSIFIER PISTON
APPLICATOR IN THE
HOUSING C7/C9



20. 2R A12 021

WRENCH FOR
REMOVING CLAMPING
PLATE SCREW UI/UP



21. 2R A12 028

HEX SOCKET FITTING
1/4" X 4 MM



22. 2R A12 029

HEXALOBULAR TIP 20



23. 2R A12 030

HEXALOBULAR TIP 25



24. 2R A12 023

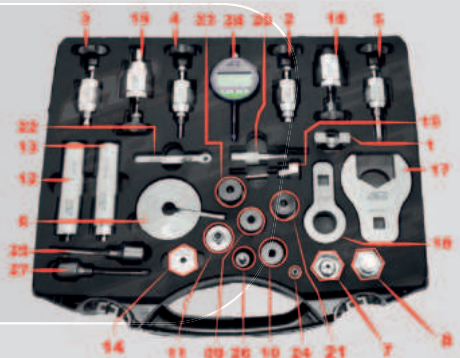
DIGITAL DIAL
INDICATOR 0.01 MM



REPAIR KIT FOR CATERPILLAR C4/C6 INJECTORS AND PUMPS

2R A46 026

REPAIR KIT FOR
CATERPILLAR C4/C6
INJECTORS AND PUMPS



1. 2R A00 074

DEVICE FOR
MEASURING THE
DIFFERENCE
BETWEEN PLATES
UI | UP | MERCEDES |
SCANIA | CAT C4/C6,C7/
C9, C15 AND D12A-C



2. 2R A00 084

PRESSURE VALVE
SEAT LAPPING
DEVICE CAT



3. 2R A00 090

SUCTION VALVE SEAT
LAPPING DEVICE CAT



4. 2R A00 141

LAPPING DEVICE
FOR CYLINDER HEAD
OUTLET VALVE SEAT CAT



5. 2R A00 142

LAPPING DEVICE SEAT
TRANSFER VALVE LOW
PRESSURE PUMP CAT



6. 2R A00 157

PUMP LOCKING DEVICE
CATERPILLAR C4/C6



7. 2R A00 158

DEVICE FOR
LOOSENING/
TIGHTENING
INJECTOR VALVE NUT
COMMON RAIL CAT



8. 2R A00 159

TEST PLUG ON THE
PUMP BENCH CAT



9. 2R A00 160

DEVICE TO MEASURE
INJECTOR VALVE
COMMON RAIL CAT



10. 2R A00 161

DEVICE FOR
ADJUSTING
PUMP PRESSURE
REGULATOR CAT



11. 2R A00 162

TOOL FOR
DISASSEMBLING/
ASSEMBLING
PUMP PRESSURE
REGULATOR CAT



12. 2R A00 163

RETAINER
APPLICATOR 10,0 X 25,4
X 6,40 MM



13. 2R A00 164

RETAINER APPLICATOR
10,0 X 27,0 X 6,40 MM



14. 2R A00 165

NUT SECURING THE
SOLENOID DOCKING
PLATE COMMON RAIL



REPAIR KIT FOR CATERPILLAR C4/C6 INJECTORS AND PUMPS



2R A46 026 REPAIR KIT FOR CATERPILLAR C4/C6 INJECTORS AND PUMPS

15. 2R A00 166

CAMSHAFT GEAR
LOCKING PIN CAT



16. 2R A00 167

KEY TO LOOSEN/
TIGHTEN COIL NUT
INJECTOR CAT



17. 2R A00 168

KEY TO LOOSEN/
TIGHTEN ACTUATOR
COIL NUT CAT



18. 2R A00 169

NOZZLE SEAT
LAPPING DEVICE
INJECTOR COMMON
RAIL CAT



19. 2R A00 170

VALVE SEAT LAPPING
DEVICE INJECTOR
COMMON RAIL CAT



20. 2R A00 171

CRANKSHAFT LOCKING
PIN CAT



21. 2R A00 172

DEVICE FOR
MEASURING
INJECTOR STROKE



22. 2R A00 174

KEY TO REMOVE
PUMP PRESSURE
REGULATOR CAT



23. 2R A00 175

TOOL MEASURE
STROKE UNIT CAT



24. 2R A12 028

1/4" DRIVE HEX
SOCKET 3.5 MM



25. 2R A12 031

HEXALOBULAR
SOCKET 1/2X30X100-
ST1330100



26. 2R A12 032

SOCKET TX 1/2X45



27. 2R A12 033

HEXALOBULAR SOCKET
1/2X27X100-ST13327100



28. 2R A12 001

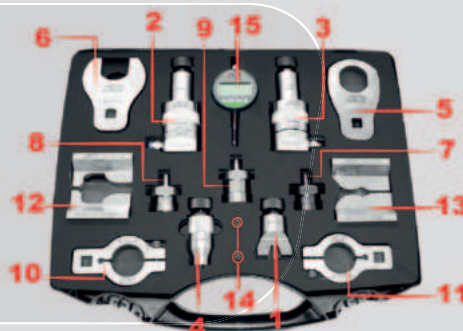
DIGITAL DIAL
INDICATOR 0.001 MM



REPAIR KIT UNIT DELPHI EUI CATERPILLAR C10-C12-C15- C18-C32-3500 SERIES

2R A46 027

REPAIR KIT UNIT DELPHI
EUI CATERPILLAR C10-C12-
C15-C18-C32-3500 SERIES



1. 2R A00 074

DEVICE FOR
MEASURING
DIFFERENCE]
BETWEEN PLATES
UI | UP | MERCEDES
| SCANIA CAT C4/
C6 C7/C9, C15 AND
VOLVO D12A-C



2. 2R A00 096

VALVE VACUUM
AND STROKE
CHECKING DEVICE
D12A/C



3. 2R A00 099

DEVICE TO CHECK
VACUUM AND VALVE
STROKE CAT C15 SERIE A



4. 2R A00 172

INJECTOR STROKE
MEASURING DEVICE



5. 2R A00 178

PROFILE KEY 1"1/2



6. 2R A00 179

KEY 36,00 MM



7. 2R A00 183

DEVICE FOR TESTING
NOZZLE UNIT
CATERPILLAR C10/C12



8. 2R A00 184

DEVICE FOR TESTING
NOZZLE UNIT
CATERPILLAR C15



9. 2R A00 185

DEVICE FOR TESTING
NOZZLE UNIT
CATERPILLAR EUI 3500



10. 2R A00 186

NUT WRENCH
CATERPILLAR
Ø37,80 MM



11. 2R A00 187

NUT WRENCH
CATERPILLAR
Ø38,50 MM



12. 2R A00 188

MORDANT UNIT
CAT EUI 3500



13. 2R A00 189

MORDANT UNIT
CAT C15



14. 2R A12 021

HEXALOBULAR TIP

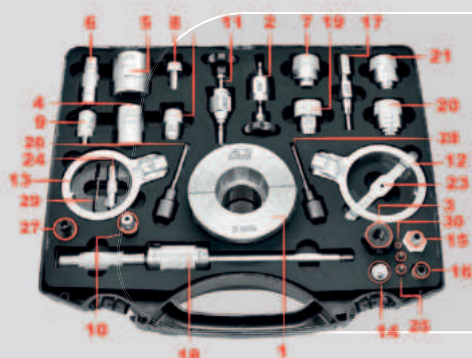


15. 2R A12 023

DIGITAL DIAL
INDICATOR 0.01 MM



REPAIR KIT FOR C7/C9 HIGH PRESSURE PUMP



2R A46 028 REPAIR KIT FOR C7/C9 HIGH PRESSURE PUMP

1. 2R A00 004

BEARING PULLER
BBA CATERPILLAR
C7/C9



2. 2R A00 155

TOOL FOR LAPPING
VALVE SEAT
CYLINDER HEAD
CATERPILLAR C7



3. 2R A00 181

VALVE TESTING
DEVICE IPR CAT



4. 2R A00 192

CONNECTOR
APPLICATOR BBA C7/
C9



5. 2R A00 193

SCRAPER APPLICATOR
BBA C7/C9



6. 2R A00 194

APPLICATOR AND
PULLER HANDLE



7. 2R A00 195

2 RETAINER
APPLICATOR HIGH
PRESSURE PUMP
C7/C9



8. 2R A00 196

1 BEARING
APPLICATOR HIGH
PRESSURE PUMP
C7/C9



9. 2R A00 197

2 BEARING
APPLICATOR HIGH
PRESSURE PUMP
C7/C9



10. 2R A00 198

SEALING TEST DEVICE
HEAD C7/C9



11. 2R A00 199

LAPIDARY DEVICE
LOW HIGH PRESSURE
PUMP SEAT C7/C9



12. 2R A00 200

GEAR LOCK HIGH
PRESSURE PUMP
C7/C9



13. 2R A00 201

GEAR LOCK HIGH
PRESSURE PUMP
C9 OLD MODEL



14. 2R A00 202

OUTLET TEST PLUG
HIGH PRESSURE
PUMP C7/C9



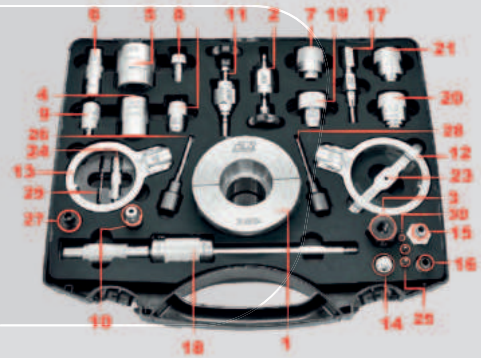
15. 2R A00 203

ENGINE OIL SUPPLY
CONNECTION



REPAIR KIT FOR C7/C9 HIGH PRESSURE PUMP

2R A46 028 REPAIR KIT FOR C7/C9 HIGH PRESSURE PUMP



16. 2R A00 204

ENGINE OIL OUTLET
CONNECTION



17. 2R A00 205

ROLLER BEARING
PULLER Ø10 MM
C7/C9



18. 2R A00 206

PULLER AND LATCH
HANDLE



19. 2R A00 207

1 RETAINER
APPLICATOR HIGH
PRESSURE PUMP
C7/C9



20. 2R A00 208

CYLINDER HEAD
BUSHING APPLICATOR
HIGH PRESSURE
PUMP C7/C9



21. 2R A00 209

HEAD BEARING
APPLICATOR HIGH
PRESSURE PUMP
C7/C9



22. 2R A00 210

BUSH AND HEAD
BEARING PULLER
HIGH PRESSURE
PUMP C7/C9



23. 2R A00 220

3.5 MM TAP



24. 2R A00 221

C7 ACTUATOR FILTER
BUSH INSTALLER



25. 2R A12 030

PENTALOBE TIP



26. 2R A12 033

HEXALOBULAR
SOCKET 1/2X27X100



27. 2R A12 038

SOCKET E8



28. 2R A12 039

HEXALOBULAR
SOCKET 1/2X27X100



29. 2R A12 046

M4X0 MACHINE TAP

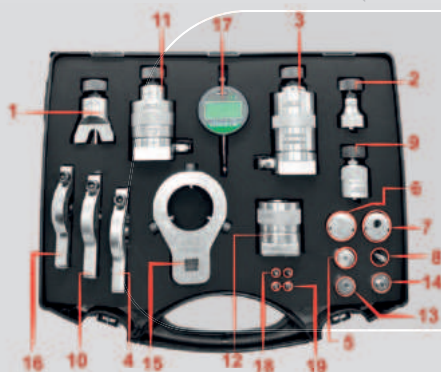


30. 2R A12 047

M4X20 MM SCREW,
WITHOUT THREAD LOCK



REPAIR KIT DAF | PACCAR EURO V | EURO VI FUEL PUMP AND INJECTOR UNIT



2R A46 029

REPAIR KIT DAF | PACCAR
EURO V | EURO VI FUEL
PUMP AND INJECTOR UNIT

1. 2R A00 074

TOOL FOR
MEASURING
CLAMPING PLATE
DIFFERENCE UNITS:
UI/UP SCANIA/CAT C4/
C6/C15 VOLVO D12A
A/C DAF EURO V/VI
CUMMINS M11 | N14



2. 2R A00 077

DEVICE FOR
MEASURING NCV
VALVE UNITS E3-D13
AND DAF EURO V/VI



3. 2R A00 095

DEVICE FOR
CHECKING VACUUM
AND VALVE STROKE
D12D | DAF E1 AND
P1 DAF



4. 2R A00 112

VALVE REMOVAL
WRENCH UNIT E3-D13
D12D | DAF



5. 2R A00 214

NCV VALVE
INSTALLATION DEVICE
E3-D13 | DAF



6. 2R A00 216

SCV VALVE
MEASURING BASE
E3-D13 | DAF



7. 2R A00 217

SCV VALVE
REMOVAL BASE
E3-D13 | DAF



8. 2R A00 218

SCV VALVE LAPPING
PIN WITH PASTE E3-
D13 | DAF



9. 2R A00 223

NCV VALVE STROKE
MEASURING DEVICE
DAF



10. 2R A00 224

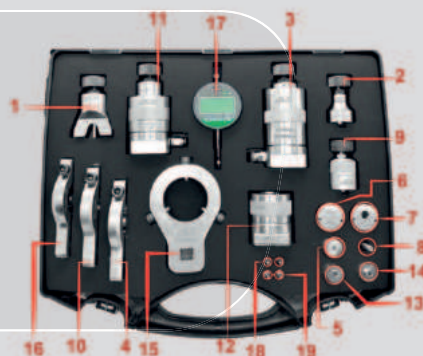
DAF NUT WRENCH
Ø 20.90 MM



REPAIR KIT DAF | PACCAR EURO V | EURO VI FUEL PUMP AND INJECTOR UNIT

2R A46 029

REPAIR KIT DAF | PACCAR
EURO V | EURO VI FUEL
PUMP AND INJECTOR UNIT



11. 2R A00 225

SCV VALVE VACUUM
AND STROKE
TESTING DEVICE DAF
EURO 5 AND DELPHI
ET VOLVO D12-D
JOHN DEERE



12. 2R A00 226

SCV VALVE
INSTALLATION
DEVICE DAF



13. 2R A00 227

SCV VALVE 1ST PLATE
INSTALLATION
DEVICE DAF



14. 2R A00 228

SCV VALVE 2ND
PLATE INSTALLATION
DEVICE DAF



15. 2R A00 262

DAF BBA WRENCH
DAF EURO VI



16. 2R A00 283

DAF BBA WRENCH Ø
36.20 MM DAF EURO V



17. 2R A12 023

DIGITAL DIAL
INDICATOR 0.01 MM, 1/2"



18. 2R A12 021

WRENCH FOR
REMOVING CLAMPING
PLATE SCREW UI/UP

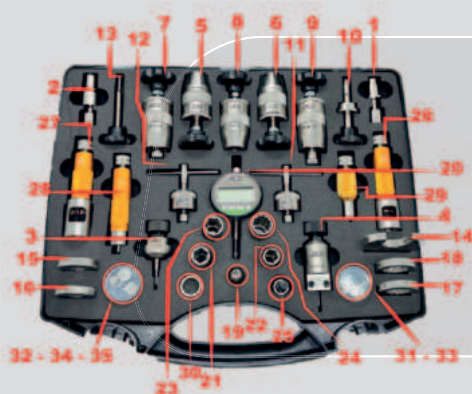


19. 2R A12 029

HEXALOBULAR TIP TX20



REPAIR KIT BOSCH INDUCTIVE INJECTOR CALIBRATION



2R A46 030

REPAIR KIT BOSCH INDUCTIVE INJECTOR CALIBRATION

1. 2R A00 104

REPAIR APPLICATOR
CRI/CRIN/CRI 2.0-2.2



2. 2R A00 105

REPAIR
APPLICATOR CRI 3



3. 2R A00 126

AH MOVEMENT
MEASURING DEVICE
CRIN INJECTORS



4. 2R A00 127

AH MOVEMENT
MEASURING DEVICE
CRI/CRI 2.0-2.2
INJECTORS



5. 2R A00 143

NOZZLE SEAT
LAPPING DEVICE
CRI 1 CONTINENTAL
SIEMENS INJECTOR



6. 2R A00 144

NOZZLE SEAT LAPPING
DEVICE CRIN 1/1.6
INJECTOR



7. 2R A00 145

VALVE SEAT LAPPING
AND INJECTOR
REPAIR DEVICE CRI
1-1.6/CRIN 3



8. 2R A00 152

NOZZLE SEAT
LAPPING DEVICE
BOSCH INJECTOR
M15X0.5 MM



9. 2R A00 153

VALVE SEAT LAPPING
AND INJECTOR REPAIR
DEVICE CRI 3



10. 2R A00 266

STEM RING REMOVAL
DEVICE



11. 2R A00 267

VALVE ASSEMBLY
INSTALLATION DEVICE
M27X1 MM



12. 2R A00 268

VALVE ASSEMBLY
INSTALLATION DEVICE
M26X0.75 MM



13. 2R A00 269

VALVE ASSEMBLY
REMOVAL DEVICE



14. 2R A00 270

WRENCH 29 MM FOR
LOOSENING AND
TIGHTENING



15. 2R A00 271

WRENCH 16 MM
8-SIDED FOR
LOOSENING AND
TIGHTENING



16. 2R A00 272

WRENCH 17.4 MM
8-SIDED FOR
LOOSENING AND
TIGHTENING



17. 2R A00 273

WRENCH 27 MM
12-SIDED FOR
LOOSENING AND
TIGHTENING



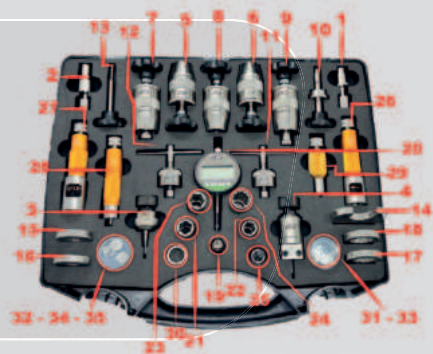
18. 2R A00 274

WRENCH 28 MM
12-SIDED FOR
LOOSENING AND
TIGHTENING



BOSCH INDUCTIVE INJECTOR CALIBRATION REPAIR KIT

2R A46 030 BOSCH INDUCTIVE INJECTOR CALIBRATION REPAIR KIT



19. 2R A00 275

VALVE FIXING
BUSH WRENCH
COMMON RAIL
248/273



20. 2R A12 001

DIGITAL DIAL
INDICATOR 0.001 MM



21. 2R A12 024

LONG HEX SOCKET
15.0 MM



22. 2R A12 048

LONG HEX SOCKET
14.0 MM



23. 2R A12 049

LONG HEX SOCKET
17.0 MM



24. 2R A12 050

LONG SPLINED
SOCKET 19.0 MM



25. 2R A12 052

MULTI-TOOTH XZN
SOCKET (SMD1312045)



26. 2R A00 297

AH/UH CLEARANCE
MEASURING TOOL
BOSCH INJECTORS CRI/
CRI 2.2 AND CRIN 1/1.6



27. 2R A00 303

AH/UH CLEARANCE
MEASURING TOOL
BOSCH INJECTORS
CRIN 2/CRIN 3



28. 2R A00 301

RLS DISTANCE
MEASURING TOOL
BOSCH INJECTORS
CRI/CRIN 2.0/2.2



29. 2R A00 302

UH DISTANCE
MEASURING TOOL
DENSO G2/G3 - AH/
UH CLEARANCE
MEASUREMENT



30. 2R A00 304

BUSH FOR USE WITH
TOOL 2R A00 297 TO
MEASURE AH/UH
CLEARANCE BOSCH
INJECTORS CRIN 1/1.6



31. 2R A00 240

SEAT GRINDING TIP
FOR REPAIR INJECTOR
CRIN 3 Ø9.2 MM



32. 2R A00 241

VALVE SEAT
GRINDING TIP
INJECTOR CRIN 3
Ø17.1 MM



33. 2R A00 242

SEAT GRINDING TIP FOR
REPAIR INJECTOR CRIN
1-1.6 CRI 1 Ø9.9 MM



34. 2R A00 243

VALVE SEAT
GRINDING TIP
INJECTOR CRIN 1-1.6
CRI 1 Ø15.5 MM

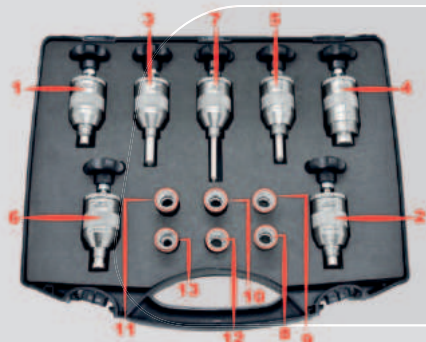


35. 2R A00 244

VALVE SEAT GRINDING
TIP INJECTOR CRIN
1-CRI Ø14.7 MM



GRINDING KIT BBA CP2 | CP3 EURO 3 | EURO 5/ DENSO HP3 | HP4



2R A46 033 GRINDING KIT BBA CP2 | CP3 EURO 3 | EURO 5/ DENSO HP3 | HP4

1. 2R A00 081

CP3 EURO 5
PUMP VALVE SEAT
GRINDING TOOL



2. 2R A00 082

CP3 EURO 3
PUMP VALVE SEAT
GRINDING TOOL



3. 2R A00 154

CP2 GEAR BBA VALVE
SEAT GRINDING TOOL



4. 2R A00 246

CP2 PUMP PLUNGER
HOUSING GRINDING
TOOL



5. 2R A00 247

CP2 PUMP OUTLET
VALVE SEAT GRINDING
TOOL



6. 2R A00 248

DENSO PUMP INLET
VALVE SEAT GRINDING
TOOL



7. 2R A00 249

CP3 PUMP BALL SEAT
GRINDING TOOL



8. 2R A00 250

ADAPTER FOR TOOL
2R A00 249 (A)



9. 2R A00 251

ADAPTER FOR TOOL
2R A00 249 (B)



10. 2R A00 252

ADAPTER FOR TOOL 2R
A00 249 (C)



11. 2R A00 253

ADAPTER FOR TOOL
2R A00 249 (D)



12. 2R A00 254

ADAPTER FOR TOOL
2R A00 249 (E) – CP3S3-
075 PUMP HEAD



13. 2R A00 285

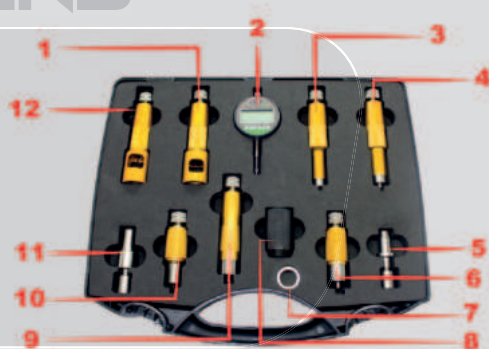
ADAPTER FOR TOOL
2R A00 249 (F) –
DENSO PUMP HEAD



CALIBRATION KIT BOSCH | DENSO | DELPHI | SIEMENS

2R A47 008

CALIBRATION KIT
BOSCH | DENSO |
DELPHI | SIEMENS



1. 2R A00 297

INJECTOR
CLEARANCE GAUGE
AH/UH BOSCH CRI/
CRI 2.2/CRIN 1/1.6



2. 2R A12 001

DIGITAL DIAL
INDICATOR 0.001 MM



3. 2R A00 298

INJECTOR CLEARANCE
GAUGE DNH/AH
DELPHI



4. 2R A00 299

ARMATURE
PROTRUSION GAUGE
DENSO G2/G3
INJECTORS



5. 2R A00 104

INJECTORS CRI
1/2.16/2.18/CRIN 2



6. 2R A00 300

AH MEASUREMENT
GAUGE DENSO G2/G3
INJECTORS



7. 2R A00 304

BUSHING FOR TOOL
2R A00 297 AH/
UH CLEARANCE
MEASUREMENT
BOSCH CRIN 1/1.6
INJECTORS



8.

FLAT BASE FOR
ZEROING DIAL
INDICATOR 0.001 MM



9. 2R A00 301

RLS DISTANCE GAUGE
BOSCH CRI/CRIN 2.0/2.2
INJECTORS



10. 2R A00 302

UH DISTANCE
GAUGE DENSO G2/
G3 INJECTORS AH-
UH CLEARANCE
MEASUREMENT DENSO



11. 2R A00 105

REPAIR APPLICATOR
BOSCH CRIN 3
INJECTORS



12. 2R A00 303

INJECTOR CLEARANCE
GAUGE AH/UH BOSCH
CRIN 2/CRIN 3



2R A46 001

ADAPTER KIT FOR
LEAK TEST ON
INJECTION UNIT
BOSCH

**2R A46 004**

KIT DISASSEMBLY
JAWS | ELEMENT
ASSEMBLY CP3
EURO 3 | 5

**2R A46 011**

NEEDLE CLEANING
KIT FOR NOZZLE
CLEANING

**2R A46 013**

FILTER PULLER
KIT FOR DENSO
INJECTORS

**2R A46 014**

CATERPILLAR C7/
C9 MEASUREMENT
AND CALIBRATION
DEVICE KIT

**2R A46 016**

INJECTOR NOZZLE
FIXING KIT LARGER
AND SMALLER

**2R A46 021**

REPAIR
APPLICATOR KIT CRI
| CRIN 2.0 - 2.2 | CRI 3

**2R A47 006**

MEASURING BASE
KIT WITH DIAL
INDICATOR

**2R A47 007**

SWIVEL
SUPPORT KIT

**2R A00 261**

UNIVERSAL SUPPORT
FOR DISASSEMBLY/
ASSEMBLY
INJECTORS:
BOSCH DENSO |
DELPHI CONTINENTAL
DAF EURO 5 AND
EURO 6 VOLVO D13 K
EURO 6

**2R A00 265**

ROTATING
SUPPORT FOR
ASSEMBLING AND
DISASSEMBLING
INJECTORS/UNITS



TOOLS

TOOLS

TOOLS

TOOLS



TOOLS 2025

TOOLS 2025

2R A00 027

DEVICE FOR
ADJUSTING VOLVO
D12C NOZZLE



2R A00 026

DEVICE FOR
ADJUSTING VOLVO
D12D NOZZLE



2R A00 034

DEVICE FOR
TESTING OF IVECO
003 CAVALINO
NOZZLE



2R A00 029

DEVICE FOR
TESTING CAT C11
AND C15 NOZZLE
(4 PINS)



2R A00 040

DEVICE FOR
MEASURING
NOZZLE FLOW
(FLOWMETER).
INJECTORS AND
UNITS



2R A00 061

FLOWMETER
FOR ANALYSIS OF
SCANIA CUMMINS
HPI INJECTORS



2R A00 016

GRINDING TOOL
FOR D12C VALVE



2R A00 086

BOSCH PIEZO
HYDRAULIC TAPLET
MOUNTING DEVICE



2R A00 264

TOOL FOR
DISASSEMBLING
MPROP VALVE CP3
PUMPS



2R A00 276

TOOL FOR
REMOVING
RETAINER OF
FEED PUMP FORD
RANGER 3.2



TOOLS 2025

2R A00 065

SCANIA XPI
CUMMINS ISX
15 BENCH TEST
DEVICE



2R A00 066

IMPORTED
CUMMINS SCANIA
XPI BENCH TEST
SUPPORT. (2872331)



2R A00 067

PHOTON BENCH
TEST SUPPORT



2R A00 085

SUPPORT FOR
INJECTOR TESTING
CATERPILLAR C9.3



2R A00 140

CUMMINS INJECTOR
BENCH TEST SUPPORT
120 | 140 - 007 | 212 -
267 | 257 231 - 054 | 075
- 161 | 057



2R A00 245

SUPPORT FOR
INJECTOR TESTING
DENSO G3



2R A00 257

SUPPORT FOR
INJECTOR TESTING
SCANIA XPI/
CUMMINS SUPER



2R A00 258

SUPPORT FOR
TESTING DAF EURO
VI F2P PUMP (FOR
HARTRIDGE HK1400
CAMBOX AND
SIMILAR VERSIONS)



2R A00 277

SUPPORT FOR
INJECTOR TESTING
DAF COMMON RAIL
EURO V | VI F2P



2R A00 278

SUPPORT FOR
TESTING DENSO
INJECTOR JOHN
DEERE G25 H
RE532216 11F 51939



TOOLS 2025

2R A00 279

SUPPORT FOR
INJECTOR TESTING
056 CRIN 3.3 VW
METEOR COMPATIBLE
WITH INJECTOR 0445120217
AND 0445120219 MAN TGX 440



2R A00 287

SUPPORT FOR
INJECTOR TESTING
VOLVO DELPHI
J EURO VI/F2E
COMMON RAIL –
ENGINE D13K



2R A12 001

DIGITAL DIAL
INDICATOR
0.001 MM



2R A12 002

DIGITAL DIAL
INDICATOR 0.001 MM,
WITH PLUNGER



2R A12 019

ANALOG DIAL
INDICATOR 0 –
10 MM / 0.01 MM



2R A12 023

DIGITAL DIAL
INDICATOR
0.01 MM, 1/2"



2R A12 026

DIGITAL DIAL
INDICATOR 0.01 MM, 1"



2R A12 034

DIGITAL DIAL
INDICATOR 0 – 12.7
MM READING 0.001
THOUSANDTH –
AZIMETO



2R A12 035

DIGITAL DIAL
INDICATOR –
CAPACITY 0 – 12.5
MM – READING
0.01 CENTESIMAL
AZIMETO



2R A12 018

18 MM LONG HEX
SOCKET



TOOLS 2025

2R A12 024

15 MM LONG
HEX SOCKET



2R A12 021

WRENCH
TO RELEASE
STAINLESS STEEL
SCREW MBB COIL



2R A12 022

KEY TO RELEASE
UI/UP DOCKING
PLATE SCREW



2R A12 029

HEXALOBULAR TIP
C6TX20



2R A12 030

HEXALOBULAR TIP
C6TX25



2R A12 025

SCANIA PLUG KEY



2R A12 032

TX SOCKET 1/2X45



2R A12 027

HEX SOCKET 1/4"
DRIVE X 3.5 MM



2R A12 028

HEX SOCKET 1/4"
DRIVE X 4 MM



2R A12 038

SOCKET E8 STI 138



TOOLS 2025

2R A12 033

HEXALOBULAR
SOCKET 1/2X27X100-
ST13327100



2R A12 031

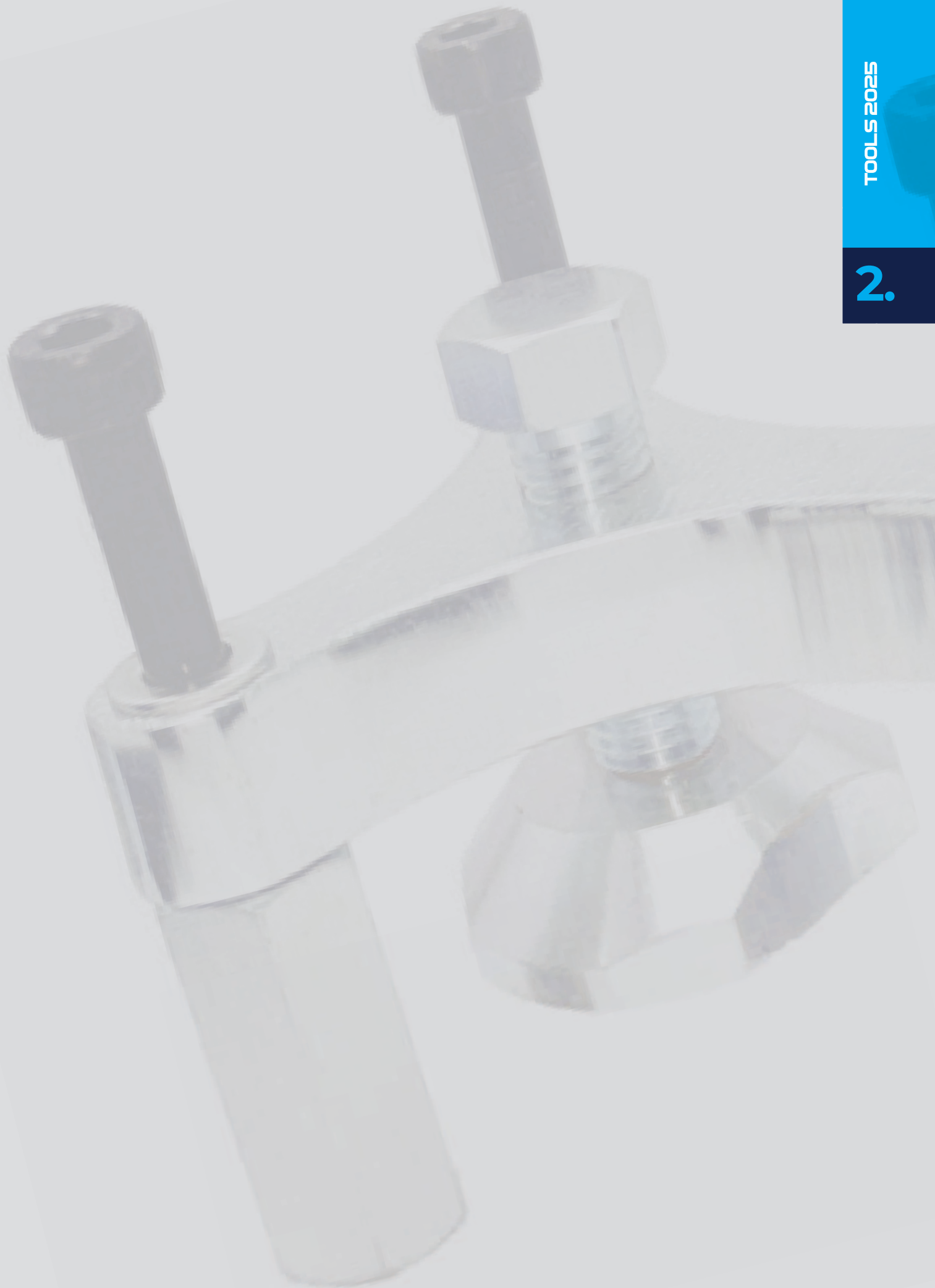
HEXALOBULAR
SOCKET 1/2X30X100-
ST1330100



2R A12 039

TORX SOCKET TX40





EQUIP
EQUIP
EQUIP
EQUIP



EQUIPMENT 2025

2R B02 008

COMMON RAIL
INJECTOR PULSER
REPAIR KIT V2

**CONNECTION CABLE THREE-WAY:**

- POSITIVE
- NEGATIVE
- GROUND

**POWER CABLE:**

- TWO-PIN
- EUROPEAN STANDARD
- 16 AMPERES

Capable of performing the following solenoid valve parameters:

- Measurement of the operating current of the solenoid.
- Measurement of the release current of the solenoid.
- Indirect measurement of the air gap of the solenoid valve.
- Measurement of the inductance of the solenoid.
- Measurement of the active resistance of the solenoid.
- Measurement of insulation resistance under voltage.

Supply voltage:

~ 220 V ± 15%

Weight:

4kg

Energy consumption:

350W

Dimensions (length x width x height):

240 x 287 x 70

2R B02 009

INJECTOR TEST AND
GAUGE REPAIR KIT
PIEZO SIEMENS/
VDO V4

**CONNECTION CABLE THREE-WAY:**

- POSITIVE
- NEGATIVE
- GROUND

**POWER CABLE:**

- TWO-PIN
- EUROPEAN STANDARD
- 16 AMPERES

Capable of realizing the following electrical 3 parameters of piezoelectric injectors:

- Measurement of resistance and capacitance of the piezoelectric actuator.
- Measurement of insulation.
- Measurement of the clearance between the piezoelectric actuator and the valve tappet.
- Control of the piezoelectric actuator by dc voltage or pulse.

Options:

- Wireless PC control via Bluetooth (optional).
- Battery operation in stand-alone mode (battery optionally available).

Insulation resistance:

1 MΩ... 10 GΩ

Piezoelectric resistance:

100 kΩ... 1 MΩ

Capacity measurement accuracy:

± 0,3 μF

Piezoelectric capacity:

0,5...10,0 μF

Measurement accuracy of resistance:

± 2% + 3.em

Piezo element voltage adjustment range:

20...160V

Nominal supply voltage/frequency:

1 MΩ... 10 GΩ

EQUIPMENT 2025

2R B01 004

ELECTRONIC
PULSER FOR
COMMON RAIL
INJECTORS



2R B01 005

ELECTRONIC
MODULE FOR HIGH
PRESSURE PUMPS:
BOSCH, DELPHI, DENSO, SIEMENS,
CATERPILLAR C4/C6 DENSO HPO, U2
SYSTEMS, AND STANADYNE SEMI-
ELECTRONIC



2R B01 007

BENCH
MEGOMETER



2R B01 009

AUTOMATIC AND
MANUAL ASYMMETRIC
FONT FOR UI/UP
UNITS: UPS, UIS, EUI,
AND HEUI FROM BOSCH,
DELPHI, CAT, AND CUMMINS LINES



2R B01 012

VACUUM AND
PRESSURE
GENERATOR
MODULE



2R B01 013

DENSO INJECTOR
MEASUREMENT MODULE
(PIEZO AND INDUCTIVE).
THIS EQUIPMENT IS USED
TO MEASURE THE TEMPERATURE AND
PRESSURE OF DENSO INJECTORS FOR
HILUX 6-WIRE AND HILUX 6-PIN



2R B01 014

EQUIPMENT KIT
FOR TESTING
AND GAUGE
FOR VDO|PIEZO
INJECTORS



2R B02 006

MULTIMETER UT612.
AUTOMATIC LCR
VERIFICATION AND
MEASUREMENT



2R B03 001

MULTIPLEX CABLE
FOR RLC METER





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Florida 33487, USA



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armdieselsolutions.com

ARM DIESEL
SOLUTIONS

