









**DISASSEMBLY/REASSEMBLY  
RECONDITIONING/CALIBRATING  
COMMON-RAIL INJECTORS  
STANDARD EQUIPMENT**

**This equipment can be used on Ditex as well as on any suitable work bench in completion of our Test Systems**








## DISASSEMBLY/REASSEMBLY BOSCH CRI INJECTORS

COD.	ITEM	DESCRIPTION	COD.	ITEM	DESCRIPTION
DX75165 DX75238	 	<p>DX75165 Giuditta Press + Basis Kit + DX75238 Siemens plate and various applications plates (Different thickness and diameter)</p>	DX75357 DX75356		<p>Open spanner with female connection 16mm</p> <p>DX75357 size 29 DX75356 size 30</p>
DX75083		<p>Clamping device to fix CR injectors on a conventional vice during disassembly and reassembly</p>	DX75351 DX75346 DX75369		<p>Closed spanner with female connection 16mm</p> <p>DX75351 size 15 DX75346 size 19 DX75369 size 22</p>
DX75352 DX75358	 	<p>DX75352 Dynamometric wrench with male connection 10/100 Nm + DX75358 1/2^ Ratchet connection with female connection size 16mm</p>	DX75360		<p>Amagnetic tweezers</p>









## DISASSEMBLY/REASSEMBLY BOSCH CRI INJECTORS

COD.	ITEM	DESCRIPTION
DX73211		Tool to remove injector valve bolt
DX73247		DX73247 Valve extractor
DX73249		Sinterised gasket extractor

COD.	ITEM	DESCRIPTION
DX73229		Tool to insert sealing rings on CR Injectors
DX75322 DX75344		DX75322 Octagonal Socket wrench to disassembly Injector nut (273 Daily type) + DX75344 Octagonal Socket wrench to disassembly Injector nut Ø 16



## RECONDITIONING/CALIBRATING BOSCH CRI INJECTORS

COD.	ITEM	DESCRIPTION	COD.	ITEM	DESCRIPTION
DX75950		Mini drill set to clean and lap critical surfaces	DX73243 DX73195		DX73243 Special Tool to fine grinding internal surface on injector body + DX73195 Accessory to DX73243
DX75680 DX75681		DX75680 Microscope to inspect critical surfaces after cleaning or lapping + DX75681 Microscope light	DX75480 DX75470		DX75480 Ball seat reconditioner + DX75470 Kit for setting shims grinding
DX75194		Kit for lapping tightening surface holder/nozzle on CR Injectors	DX73218 DX75715 DX75394		DX73218 Dial Gauge Holder to measure ball lift + DX75715 Dial Gauge Holder + DX75394 Digital Micro Dial Gauge 0.000








**RECONDITIONING/CALIBRATING BOSCH CRI INJECTORS**




COD.	ITEM	DESCRIPTION
<p style="writing-mode: vertical-rl; transform: rotate(180deg);">DX75391 DX75392</p>		<p>DX75391 Digital micrometer gauge + DX75392 Micrometer gauge holder</p>

COD.	ITEM	DESCRIPTION



## DISASSEMBLY/REASSEMBLY BOSCH CRIN INJECTORS



COD.	ITEM	DESCRIPTION
DX75165 DX75238	 	<p>DX75165 Giuditta Press + Basis Kit + DX75238 Siemens plate and various applications plates (Different thickness and diameter)</p>
DX75083		<p>Clamping device to fix CR injectors on a conventional vice during disassembly and reassembly</p>
DX75352 DX75358	 	<p>DX75352 Dynamometric wrench with male connection 10/100 Nm + DX75358 1/2^ Ratchet connection with female connection size 16mm</p>

COD.	ITEM	DESCRIPTION
DX75357 DX75356		<p>Open spanner with female connection 16mm</p> <p>DX75357 size 29 DX75356 size 30</p>
DX75351 DX75346 DX75369		<p>Closed spanner with female connection 16mm</p> <p>DX75351 size 15 DX75346 size 19 DX75369 size 22</p>
DX75360		<p>Amagnetic tweezers</p>









## DISASSEMBLY/REASSEMBLY BOSCH CRIN INJECTORS

COD.	ITEM	DESCRIPTION
DX73211		Tool to remove CRIN injector valve bolt
DX75401 DX75402		Valve nut key CRIN2  DX75401 size 10 DX75402 size 12
DX75325 DX75326		DX75325 Solenoid socket wrench for CRIN + DX75326 Solenoid socket wrench for CRIN2

COD.	ITEM	DESCRIPTION
DX73228 DX73229		Tool to insert sealing rings on CR Injectors
DX73247 DX75095		DX73247 Valve extractor + DX75095 Valve extractor CRIN2



## RECONDITIONING/CALIBRATING BOSCH CRIN INJECTORS

COD.	ITEM	DESCRIPTION	COD.	ITEM	DESCRIPTION
DX75950		Mini drill set to clean and lap critical surfaces	DX73243 DX73196		DX73243 Special Tool to fine grinding internal surface on injector body + DX73196 Accessory to DX73243
DX75680 DX75681		DX75680 Microscope to inspect critical surfaces after cleaning or lapping + DX75681 Microscope light	DX75480 DX75470		DX75480 Ball seat reconditioner + DX75470 Kit for setting shims grinding
DX75194		Kit for lapping tightening surface holder/nozzle on CR Injectors	DX73218 DX73216 DX75394		DX73218 Dial Gauge Holder to measure ball fit + DX73216 Dial Gauge Holder + DX75394 Digital Micro Dial Gauge 0.000








## RECONDITIONING/CALIBRATING BOSCH CRIN INJECTORS




COD.	ITEM	DESCRIPTION
DX75391 DX75392		<p>DX75391 Digital micrometer gauge + DX75392 Micrometer gauge holder</p>

COD.	ITEM	DESCRIPTION






## DISASSEMBLY/REASSEMBLY DELPHI INJECTORS



COD.	ITEM	DESCRIPTION
DX75165 DX75238		<p>DX75165 Giuditta Press + Basis Kit + DX75238 Siemens plate and various applications plates (Different thickness and diameter)</p>
DX75083		<p>Clamping device to fix CR injectors on a conventional vice during disassembly and reassembly</p>
DX75352 DX75358		<p>DX75352 Dynamometric wrench with male connection 10/100 Nm + DX75358 1/2^ Ratchet connection with female connection 16mm</p>

COD.	ITEM	DESCRIPTION
DX75382		<p>Anti-leakage liquid</p>
DX75351		<p>Closed spanner with female connection 16mm  DX75351 size 15</p>
DX75360 DX75980		<p>DX75360 Amagnetic tweezers + DX75980 Delphi injectors cutter</p>




## RECONDITIONING/CALIBRATING DELPHI INJECTORS

COD.	ITEM	DESCRIPTION
DX75950		Mini drill set to clean and lap critical surfaces
DX75680 DX75681		DX75680 Microscope to inspect critical surfaces after cleaning or lapping + DX75681 Microscope light
DX75194		Kit for lapping tightening surface holder/nozzle on CR Injectors

COD.	ITEM	DESCRIPTION
DX75391 DX75392		DX75391 Digital micrometer gauge + DX75392 Micrometer gauge holder
DX75715 DX75394		DX75715 Dial Gauge Holder + DX75394 Digital Micro Dial Gauge 0.000








## DISASSEMBLY/REASSEMBLY DENSO INJECTORS

COD.	ITEM		DESCRIPTION	COD.	ITEM		DESCRIPTION
DX75165 DX75169			DX75165 Giuditta Press + Basis Kit + DX75169 Denso plate kit	DX75359			Open spanner with female connection 16mm  DX75359 size 27
DX75314 DX75316			DX75314 Tool to remove internal bolt + DX75316 Disassembly tool for Denso injector nut	DX75354 DX75369 DX75316			Closed spanner with female connection 16mm DX75354 size 14 DX75369 size 22 + DX75316 Disassembly tool for Denso injector nut
DX75352 DX75358			DX75352 Dynamometric wrench with male connection 10/100 Nm + DX75358 1/2^ Ratchet connection with female connection 16mm	DX75360			Amagnetic tweezers



## RECONDITIONING/CALIBRATING DENSO INJECTORS

COD.	ITEM	DESCRIPTION
DX75950		Mini drill set to clean and lap critical surfaces
DX75680 DX75681		DX75680 Microscope to inspect critical surfaces after cleaning or lapping + DX75681 Microscope light
DX75194		Kit for lapping tightening surface holder/nozzle on CR Injectors

COD.	ITEM	DESCRIPTION
DX75391 DX75392		DX75391 Digital micrometer gauge + DX75392 Micrometer gauge holder
DX75394		DX75394 Digital Micro Dial Gauge 0.000
DX DX		








## DISASSEMBLY/REASSEMBLY SIEMENS – VDO/CONTINENTAL INJECTORS

COD.	ITEM	DESCRIPTION	COD.	ITEM	DESCRIPTION
DX75165 DX75238	 	<p>DX75165 Giuditta Press + Basis Kit + DX75238 Siemens plate and various applications plates (Different thickness and diameter)</p>	DX75371 DX75359		<p>Open spanner with female connection 16mm</p> <p>DX75371 size 25 DX75359 size 27</p>
DX75083		<p>Clamping device to fix CR injectors on a conventional vice during disassembly and reassembly</p>	DX75351 DX75324	 	<p>DX75351 Closed spanner with female connection 16mm size 15 + DX75324 Siemens wrench (4 teeth)</p>
DX75352 DX75353 DX75358	 	<p>Dynamometric wrench with male connection 16mm DX75352 10/100 Nm DX75353 2/25 Nm + DX75358 1/2^ Ratchet connection with female connection size 16mm</p>	DX75360		<p>Amagnetic tweezers</p>








## RECONDITIONING/CALIBRATING SIEMENS – VDO/CONTINENTAL INJECTORS




COD.	ITEM	DESCRIPTION
DX75950		Mini drill set to clean and lap critical surfaces
DX75680 DX75681		DX75680 Microscope to inspect critical surfaces after cleaning or lapping + DX75681 Microscope light
DX75194		Kit for lapping tightening surface holder/nozzle on CR Injectors

COD.	ITEM	DESCRIPTION
DX75480 DX		DX75480 Mushroom valve seat reconditioner + Special Grinding Tool
DX75391 DX75392		DX75391 Digital micrometer gauge + DX75392 Micrometer gauge holder



## DISASSEMBLY/REASSEMBLY PIEZO BOSCH INJECTORS







COD.	ITEM	DESCRIPTION
DX75165 DX75238	 	<p>DX75165 Giuditta Press + Basis Kit + DX75238 Siemens plate and various applications plates (Different thickness and diameter)</p>
DX75083		<p>Clamping device to fix CR injectors on a conventional vice during disassembly and reassembly</p>
DX75352 DX75358	 	<p>DX75352 Dynamometric wrench with male connection 10/100 Nm + DX75358 1/2^ Ratchet connection with female connection size 16mm</p>

COD.	ITEM	DESCRIPTION
DX75357		<p>Open spanner with female connection 16mm  DX75357 size 29</p>
DX75351 DX75369		<p>Closed spanner with female connection 16mm  DX75351 size 15 DX75369 size 22</p>
DX75344		<p>Octagonal Socket wrench to disassembly Injector nut Ø 16</p>





## RECONDITIONING/CALIBRATING PIEZO BOSCH INJECTORS

COD.	ITEM	DESCRIPTION	COD.	ITEM	DESCRIPTION
DX75950		Mini drill set to clean and lap critical surfaces	DX75480 DX		DX75480 Mushroom valve seat reconditioner + Special Grinding Tool
DX75680 DX75681		DX75680 Microscope to inspect critical surfaces after cleaning or lapping + DX75681 Microscope light	DX75391 DX75392		DX75391 Digital micrometer gauge + DX75392 Micrometer gauge holder
DX75194		Kit for lapping tightening surface holder/nozzle on CR Injectors	DX75460		Refilling/Calibrating Piezo Injectors Kit 5 PCS