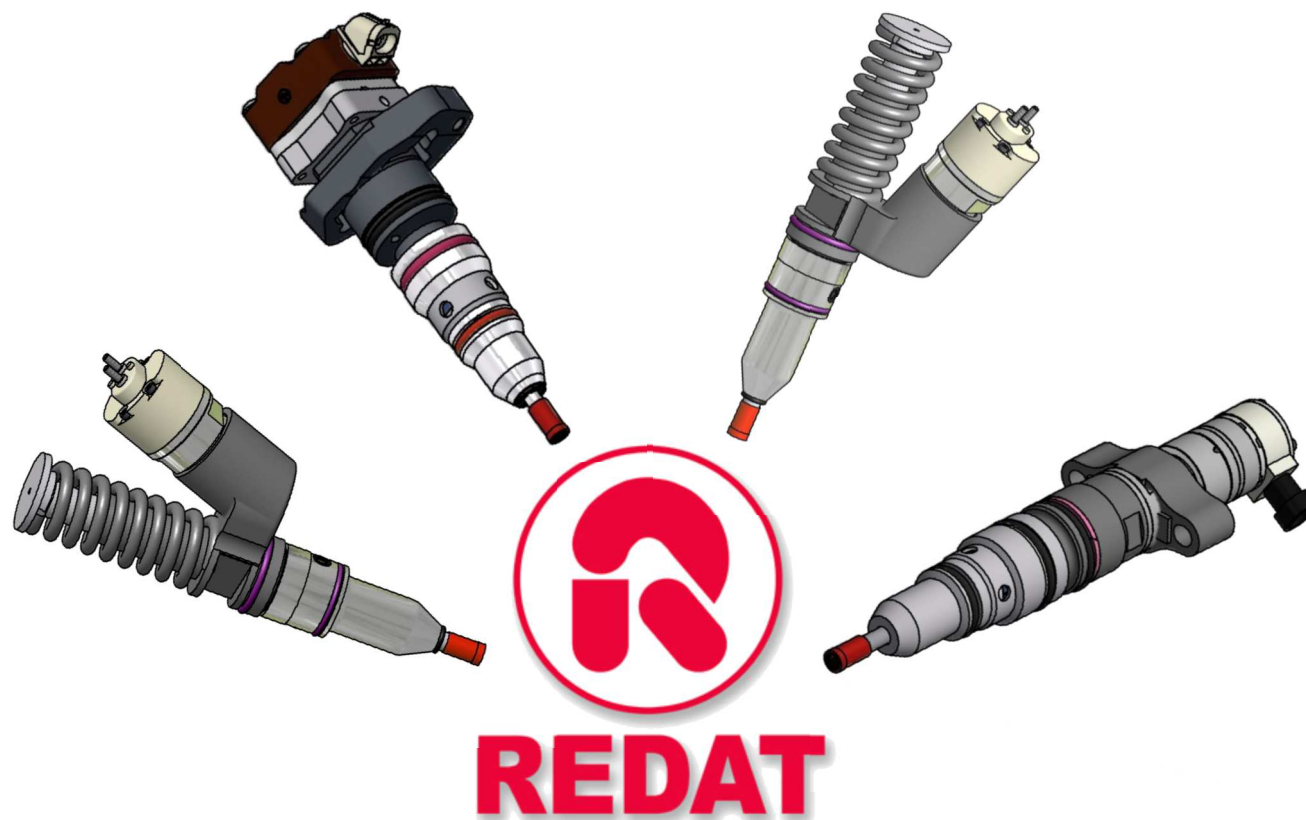


CATERPILLAR - PERKINS



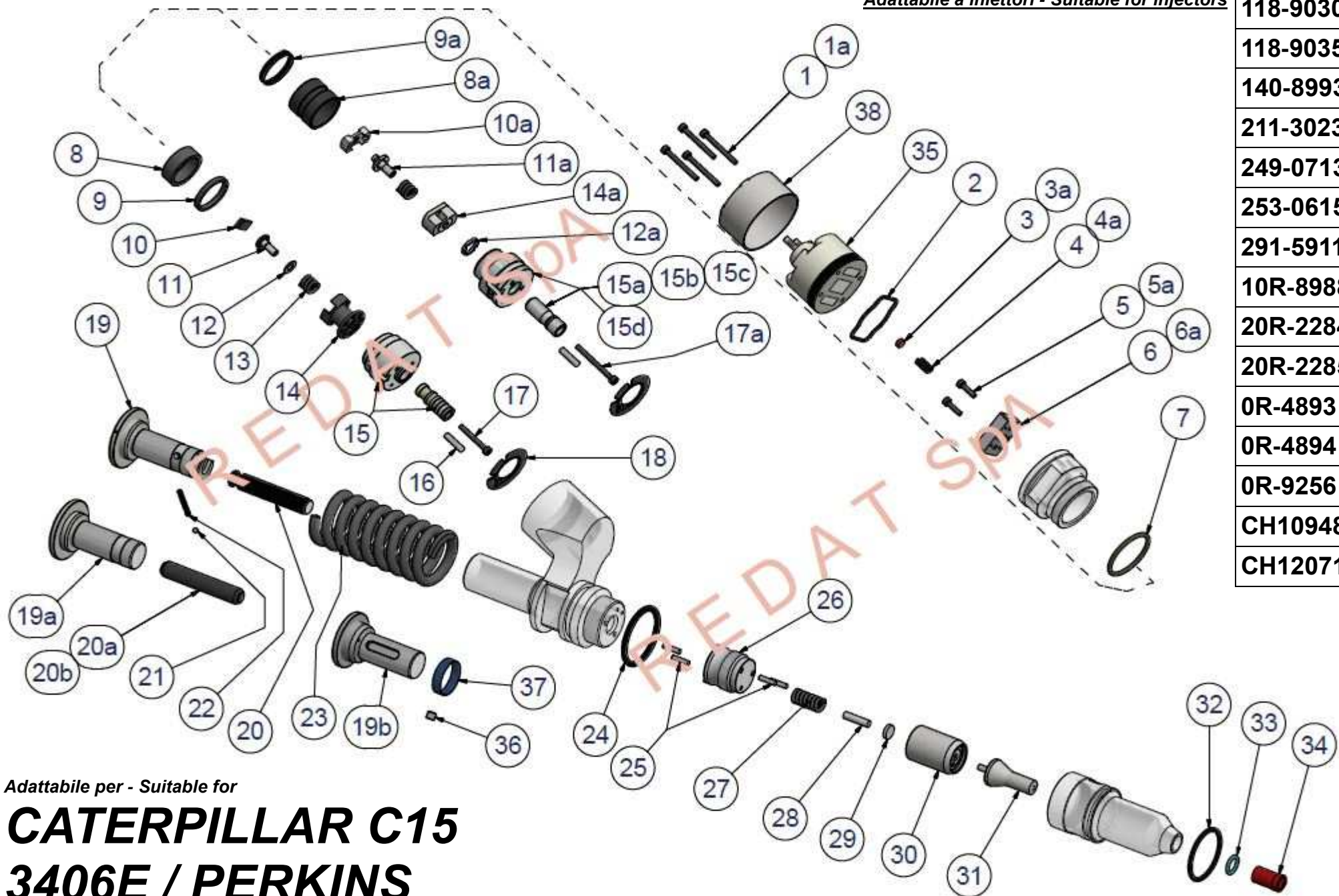
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Tel.+39-011-9691111 - Fax +39-011-9696852 - www.redat.com - e-mail: info@redat.com

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Adattabile a iniettori - Suitable for injectors

118-9030

118-9035

140-8993

211-3023

249-0713

253-0615

291-5911

10R-8988

20R-2284

20R-2285

0R-4893

0R-4894

0R-9256

CH10948

CH12071

Adattabile per - Suitable for

CATERPILLAR C15

3406E / PERKINS

CATERPILLAR 3406E - PERKINS

K = ITEM INCLUDED IN KIT

RIF.	REDAT	ORIGIN.	Q.TY	DESCRIZIONE	DESCRIPTION	RIF.	REDAT	ORIGIN.	Q.TY	DESCRIZIONE	DESCRIPTION
1	1 209 238		4	VITE M3x30	SOLENOID SCREW K	6	1 213 118		1	PIASTRA SOLENOIDE Sp. 8,12	SOLENOID PLATE Th. 8,12
1a	1 209 554		4	VITE M3x30 Torx	SOLENOID SCREW Torx K		1 213 119		1	PIASTRA SOLENOIDE Sp. 8,14	SOLENOID PLATE Th. 8,14
2	1 209 233		1	O-RING	O-RING K		1 213 120		1	PIASTRA SOLENOIDE Sp. 8,16	SOLENOID PLATE Th. 8,16
3	1 209 469		1	SPESSORE Sp 2,3	SHIM h. 2,3		1 213 121		1	PIASTRA SOLENOIDE Sp. 8,18	SOLENOID PLATE Th. 8,18
	1 209 470		1	SPESSORE Sp 2,4	SHIM h. 2,4		1 209 240		1	PIASTRA SOLENOIDE Sp. 8,20	SOLENOID PLATE Th. 8,20
	1 209 471		1	SPESSORE Sp 2,5	SHIM h. 2,5		1 213 122		1	PIASTRA SOLENOIDE Sp. 8,22	SOLENOID PLATE Th. 8,22
	1 209 236		1	SPESSORE Sp 2,6	SHIM h. 2,6		1 213 123		1	PIASTRA SOLENOIDE Sp. 8,24	SOLENOID PLATE Th. 8,24
	1 209 472		1	SPESSORE Sp 2,7	SHIM h. 2,7		1 213 124		1	PIASTRA SOLENOIDE Sp. 8,26	SOLENOID PLATE Th. 8,26
	1 209 473		1	SPESSORE Sp 2,8	SHIM h. 2,8	6	1 213 125		40	KIT PIASTRE SOLENOIDE	SOLENOID PLATES KIT
	1 209 474		1	SPESSORE Sp 2,9	SHIM h. 2,9	6a	1 213 129		1	PIASTRA SOLENOIDE Sp. 6,72	SOLENOID PLATE Th. 6,72
	1 209 475		1	SPESSORE Sp 3,0	SHIM h. 3,0		1 213 130		1	PIASTRA SOLENOIDE Sp. 6,74	SOLENOID PLATE Th. 6,74
3	1 210 645		80	KIT SPESSORI DI COMPENSAZIONE	SHIMS KIT		1 213 131		1	PIASTRA SOLENOIDE Sp. 6,76	SOLENOID PLATE Th. 6,76
3a	1 209 481		1	SPESSORE Sp. 2,3	SHIM h. 2,3		1 213 132		1	PIASTRA SOLENOIDE Sp. 6,78	SOLENOID PLATE Th. 6,78
	1 209 482		1	SPESSORE Sp. 2,4	SHIM h. 2,4		1 209 453		1	PIASTRA SOLENOIDE Sp. 6,80	SOLENOID PLATE Th. 6,80
	1 209 483		1	SPESSORE Sp. 2,5	SHIM h. 2,5		1 213 133		1	PIASTRA SOLENOIDE Sp. 6,82	SOLENOID PLATE Th. 6,82
	1 209 484		1	SPESSORE Sp. 2,6	SHIM h. 2,6		1 213 134		1	PIASTRA SOLENOIDE Sp. 6,84	SOLENOID PLATE Th. 6,84
	1 209 485		1	SPESSORE Sp. 2,7	SHIM h. 2,7		1 213 135		1	PIASTRA SOLENOIDE Sp. 6,86	SOLENOID PLATE Th. 6,86
	1 209 456		1	SPESSORE Sp. 2,8	SHIM h. 2,8	6a	1 213 128		40	KIT PIASTRE SOLENOIDE	SOLENOID PLATES KIT
	1 209 486		1	SPESSORE Sp. 2,9	SHIM h. 2,9	7	1 209 189		1	O-RING	O-RING K
	1 209 487		1	SPESSORE Sp. 3	SHIM h. 3		1 210 668	8T-5452	1	O-RING	O-RING K
3a	1 210 646		80	KIT SPESSORI DI COMPENSAZIONE Ø 7,8	SHIMS KIT Ø 7,8	8	1 209 216		1	ANELLO	RING
4	1 209 237		1	MOLLA Ø 5,8 X L11,6	SPRING Ø 5,8 X L11,6	8a	1 209 451		1	DISTANZIALE	PLATE ASSEMBLY
4a	1 209 448		1	MOLLA Ø 8 X L7,1	SPRING Ø 8 X L7,1	9	1 209 215		1	ANELLO	RING
5	1 203 508		2	VITE M3x12	SCREW K	9a	1 209 452		1	FASCETTA	BAND
5a	1 209 239		2	VITE M3x16	SCREW K	10	1 209 235		1	DISTANZIALE	SPACER
						10a	1 209 455		1	PIASTRA	PLATE
						11	1 209 220		1	PERNO	SUPPORT

CATERPILLAR 3406E - PERKINS

RIF.	REDAT	ORIGIN.	Q.TY	DESCRIZIONE	DESCRIPTION	RIF.	REDAT	ORIGIN.	Q.TY	DESCRIZIONE	DESCRIPTION
11a	1 209 457		1	PERNO	SUPPORT	12a	1 211 881		160	KIT RONDELLE	WASHERS KIT
12	1 209 461		1	RONDELLA ACCIAIO Sp. 0,2	STEEL WASHER h. 0,2	13	1 209 222		1	MOLLA	SPRING
	1 209 462		1	RONDELLA ACCIAIO Sp. 0,3	STEEL WASHER h. 0,3	14	1 209 225		1	SUPPORTO	SUPPORT
	1 209 463		1	RONDELLA ACCIAIO Sp. 0,4	STEEL WASHER h. 0,4		1 213 459		1	SUPPORTO SPECIALE	SPECIAL SUPPORT
	1 209 219		1	RONDELLA ACCIAIO Sp. 0,5	STEEL WASHER h. 0,5	14a	1 209 454		1	BOCCOLA	BUSH
	1 209 464		1	RONDELLA ACCIAIO Sp. 0,6	STEEL WASHER h. 0,6	15	1 210 692		1	VALVOLA	VALVE
	1 209 465		1	RONDELLA ACCIAIO Sp. 0,7	STEEL WASHER h. 0,7	15a	1 210 693		1	VALVOLA	VALVE
	1 209 466		1	RONDELLA ACCIAIO Sp. 0,8	STEEL WASHER h. 0,8	15b	1 210 655		1	VALVOLA	VALVE
	1 209 467		1	RONDELLA ACCIAIO Sp. 0,9	STEEL WASHER h. 0,9	15c	1 212 668		1	VALVOLA	VALVE
	1 209 468		1	RONDELLA ACCIAIO Sp. 1	STEEL WASHER h. 1	15d	1 214 620		1	VALVOLA	VALVE
12	1 210 647		90	KIT RONDELLE	SHIMS KIT	16	1 209 217		1	SPINA	PIN
12a	1 211 882		1	RONDELLA ACCIAIO Sp. 1,90	STEEL WASHER h. 1,90	17	1 209 221		1	VITE M3x25	SCREW K
	1 211 883		1	RONDELLA ACCIAIO Sp. 1,91	STEEL WASHER h. 1,91	17a	1 209 447		1	VITE M3x35	SCREW K
	1 211 884		1	RONDELLA ACCIAIO Sp. 1,92	STEEL WASHER h. 1,92	18	1 209 218		1	DISCO	PLATE
	1 211 885		1	RONDELLA ACCIAIO Sp. 1,93	STEEL WASHER h. 1,93	19	1 209 210		1	SUPPORTO POMPANTE	PUNGER SUPPORT
	1 211 886		1	RONDELLA ACCIAIO Sp. 1,94	STEEL WASHER h. 1,94	19a	1 209 446		1	SUPPORTO POMPANTE	PLUNGER SUPPORT
	1 211 887		1	RONDELLA ACCIAIO Sp. 1,95	STEEL WASHER h. 1,95	19b	1 212 516		1	SUPPORTO POMPANTE per 249-0713	PLUNGER SUPPORT for 249-0713
	1 211 888		1	RONDELLA ACCIAIO Sp. 1,96	STEEL WASHER h. 1,96	20	1 209 209		1	POMPANTE	PLUNGER
	1 211 889		1	RONDELLA ACCIAIO Sp. 1,97	STEEL WASHER h. 1,97	20a	1 209 445		1	POMPANTE	PLUNGER
	1 211 890		1	RONDELLA ACCIAIO Sp. 1,98	STEEL WASHER h. 1,98	20b	1 211 876		1	POMPANTE per 249-0713	PLUNGER for 249-0713
	1 209 458		1	RONDELLA ACCIAIO Sp. 1,99	STEEL WASHER h. 1,99	21	1 206 473		1	SFERA	BALL
	1 211 891		1	RONDELLA ACCIAIO Sp. 2,00	STEEL WASHER h. 2,00	22	1 209 211		1	MOLLA	SPRING
	1 211 892		1	RONDELLA ACCIAIO Sp. 2,01	STEEL WASHER h. 2,01	23	1 209 212		1	MOLLA L= 93mm	SPRING h.= 93mm
	1 211 893		1	RONDELLA ACCIAIO Sp. 2,02	STEEL WASHER h. 2,02		1 210 481		1	MOLLA L= 97mm	SPRING h.= 97mm
	1 211 894		1	RONDELLA ACCIAIO Sp. 2,03	STEEL WASHER h. 2,03		1 212 517		1	MOLLA per 249-0713	SPRING for 249-0713
	1 211 895		1	RONDELLA ACCIAIO Sp. 2,04	STEEL WASHER h. 2,04	24	1 209 214	9X-7419	1	O-RING	O-RING K
	1 211 896		1	RONDELLA ACCIAIO Sp. 2,05	STEEL WASHER h. 2,05		1 212 667		1	O-RING	O-RING K

VEDI -
SEE PAG.10

CATERPILLAR 3406E - PERKINS

RIF.	REDAT	ORIGIN.	Q.TY	DESCRIZIONE	DESCRIPTION	RIF.	REDAT	ORIGIN.	Q.TY	DESCRIZIONE	DESCRIPTION
25	1 209 226		4	SPINA	DOWEL	28	1 213 707		1	SPINA Sp. 19,50	PIN h. 19,50
26	1 209 231		1	DISTANZIALE	SPACER		1 213 708		1	SPINA Sp. 19,55	PIN h. 19,55
	1 212 510		1	DISTANZIALE per 253-0615 / 291-5911 / 20R-2284 - 20R2285	SPACER for 253-0615 / 291-5911 / 20R2284 - 20R-2285	28	1 213 697		110	KIT SPINE	PINS KIT
	1 212 518		1	DISTANZIALE per 249-0713	SPACER for 249-0713	28	1 209 837		1	SPINA Sp. 19,60	PIN h. 19,60
	1 212 539		1	DISTANZIALE per 10R-8988 / CH10948 / CH12071	SPACER for 10R-8988 / CH10948 / CH12071		1 210 695		1	SPINA Sp. 19,62	PIN h. 19,62
27	1 209 229		1	MOLLA	SPRING		1 210 696		1	SPINA Sp. 19,64	PIN h. 19,64
28	1 211 898		1	SPINA Sp. 18,80	PIN h. 18,80		1 210 697		1	SPINA Sp. 19,66	PIN h. 19,66
	1 211 899		1	SPINA Sp. 18,82	PIN h. 18,82		1 210 698		1	SPINA Sp. 19,68	PIN h. 19,68
	1 211 900		1	SPINA Sp. 18,84	PIN h. 18,84		1 210 699		1	SPINA Sp. 19,70	PIN h. 19,70
	1 211 901		1	SPINA Sp. 18,86	PIN h. 18,86		1 210 700		1	SPINA Sp. 19,72	PIN h. 19,72
	1 211 902		1	SPINA Sp. 18,88	PIN h. 18,88		1 210 701		1	SPINA Sp. 19,74	PIN h. 19,74
	1 211 903		1	SPINA Sp. 18,90	PIN h. 18,90		1 210 702		1	SPINA Sp. 19,76	PIN h. 19,76
	1 211 904		1	SPINA Sp. 18,92	PIN h. 18,92		1 212 523		1	SPINA Sp. 19,78	PIN h. 19,78
	1 211 905		1	SPINA Sp. 18,94	PIN h. 18,94		1 212 524		1	SPINA Sp. 19,80	PIN h. 19,80
	1 211 906		1	SPINA Sp. 18,96	PIN h. 18,96		1 212 525		1	SPINA Sp. 19,82	PIN h. 19,82
	1 211 907		1	SPINA Sp. 18,98	PIN h. 18,98		1 212 526		1	SPINA Sp. 19,84	PIN h. 19,84
	1 211 908		1	SPINA Sp. 19,00	PIN h. 19,00		1 212 527		1	SPINA Sp. 19,86	PIN h. 19,86
28	1 211 897		110	KIT SPINE	PINS KIT	28	1 210 694		140	KIT SPINE	PINS KIT
28	1 213 698		1	SPINA Sp. 19,05	PIN h. 19,05	29	1 211 524		1	APPOGGIO MOLLA Sp. 1,3	LIFT SPACER h. 1,3
	1 213 699		1	SPINA Sp. 19,10	PIN h. 19,10		1 211 525		1	APPOGGIO MOLLA Sp. 1,4	LIFT SPACER h. 1,4
	1 213 700		1	SPINA Sp. 19,15	PIN h. 19,15		1 211 526		1	APPOGGIO MOLLA Sp. 1,5	LIFT SPACER h. 1,5
	1 213 701		1	SPINA Sp. 19,20	PIN h. 19,20		1 211 527		1	APPOGGIO MOLLA Sp. 1,6	LIFT SPACER h. 1,6
	1 213 702		1	SPINA Sp. 19,25	PIN h. 19,25		1 211 528		1	APPOGGIO MOLLA Sp. 1,7	LIFT SPACER h. 1,7
	1 213 703		1	SPINA Sp. 19,30	PIN h. 19,30		1 211 529		1	APPOGGIO MOLLA Sp. 1,8	LIFT SPACER h. 1,8
	1 213 704		1	SPINA Sp. 19,35	PIN h. 19,35		1 211 530		1	APPOGGIO MOLLA Sp. 1,9	LIFT SPACER h.1,9
	1 213 705		1	SPINA Sp. 19,40	PIN h. 19,40		1 209 476		1	APPOGGIO MOLLA Sp. 2	LIFT SPACER h. 2
	1 213 706		1	SPINA Sp. 19,45	PIN h. 19,45		1 209 477		1	APPOGGIO MOLLA Sp. 2,1	LIFT SPACER h. 2,1
							1 209 228		1	APPOGGIO MOLLA Sp. 2,2	LIFT SPACER h. 2,2

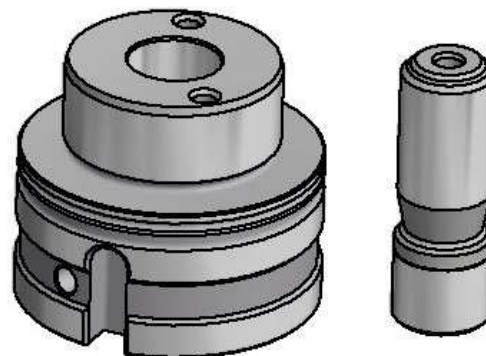
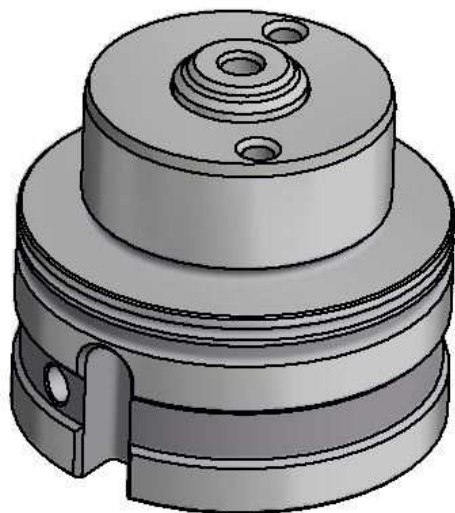
CATERPILLAR 3406E - PERKINS

RIF.	REDAT	ORIGIN.	Q.TY	DESCRIZIONE	DESCRIPTION	RIF.	REDAT	ORIGIN.	Q.TY	DESCRIZIONE	DESCRIPTION
29	1 209 478		1	APPOGGIO MOLLA Sp. 2,3	LIFT SPACER h.2,3	29	1 213 537		1	APPOGGIO MOLLA Sp. 2,48	LIFT SPACER h. 2,48
	1 209 479		1	APPOGGIO MOLLA Sp. 2,4	LIFT SPACER h. 2,4		1 213 538		1	APPOGGIO MOLLA Sp. 2,50	LIFT SPACER h. 2,50
	1 209 480		1	APPOGGIO MOLLA Sp. 2,5	LIFT SPACER h. 2,5	29	1 213 517		210	KIT APPOGGIO MOLLA	LIFT SPACERS KIT
29	1 210 648		130	KIT APPOGGIO MOLLA	LIFT SPACERS KIT	30	1 209 230		1	BOCCOLA	BUSH
29	1 213 518		1	APPOGGIO MOLLA Sp. 2,10	LIFT SPACER h. 2,10		1 211 880		1	BOCCOLA per 253-0615 / 291-5911 / 20R-2284 - 20R-2285	BUSH for 253-0615 / 291-5911 / 20R-2284 - 20R2285
	1 213 519		1	APPOGGIO MOLLA Sp. 2,12	LIFT SPACER h. 2,12		1 212 519		1	BOCCOLA per 249-0713	BUSH for 249-0713
	1 213 520		1	APPOGGIO MOLLA Sp. 2,14	LIFT SPACER h. 2,14	31		SEE PAGE 13	1	POLVERIZZATORE	NOZZLE
	1 213 521		1	APPOGGIO MOLLA Sp. 2,16	LIFT SPACER h. 2,16		CTRF2001				
	1 213 522		1	APPOGGIO MOLLA Sp. 2,18	LIFT SPACER h. 2,18		CTRF2007				
	1 213 523		1	APPOGGIO MOLLA Sp. 2,20	LIFT SPACER h. 2,20		CTRF2024				
	1 213 524		1	APPOGGIO MOLLA Sp. 2,22	LIFT SPACER h. 2,22		CTRF2026				
	1 213 525		1	APPOGGIO MOLLA Sp. 2,24	LIFT SPACER h. 2,24		CTRF2029				
	1 213 526		1	APPOGGIO MOLLA Sp. 2,26	LIFT SPACER h. 2,26		CTRF2041				
	1 213 527		1	APPOGGIO MOLLA Sp. 2,28	LIFT SPACER h. 2,28		CTRF2051				
	1 213 528		1	APPOGGIO MOLLA Sp. 2,30	LIFT SPACER h. 2,30						
	1 213 529		1	APPOGGIO MOLLA Sp. 2,32	LIFT SPACER h. 2,32	32	1 209 213	9X-7418	1	O-RING	O-RING K
	1 213 530		1	APPOGGIO MOLLA Sp. 2,34	LIFT SPACER h. 2,34		1 212 666		1	O-RING	O-RING K
	1 213 531		1	APPOGGIO MOLLA Sp. 2,36	LIFT SPACER h. 2,36	33	1 209 459	9X-7317	1	O-RING	O-RING K
	1 213 532		1	APPOGGIO MOLLA Sp. 2,38	LIFT SPACER h. 2,38	34	1 204 409		1	TAPPO DI PROTEZIONE	PLASTIC CAP
	1 213 533		1	APPOGGIO MOLLA Sp. 2,40	LIFT SPACER h. 2,40	35	1 212 575		1	SOLENOIDE	SOLENOID
	1 213 534		1	APPOGGIO MOLLA Sp. 2,42	LIFT SPACER h. 2,42	36	1 211 878		1	PERNO per 249-0713	PIN for 249-0713
	1 213 535		1	APPOGGIO MOLLA Sp. 2,44	LIFT SPACER h. 2,44	37	1 209 005		1	FASCETTA per 249-0713	BAND for 249-0713
	1 213 536		1	APPOGGIO MOLLA Sp. 2,46	LIFT SPACER h. 2,46	38	1 214 623		1	RIPARO per SOLENOIDE	SOLENOID CARTER

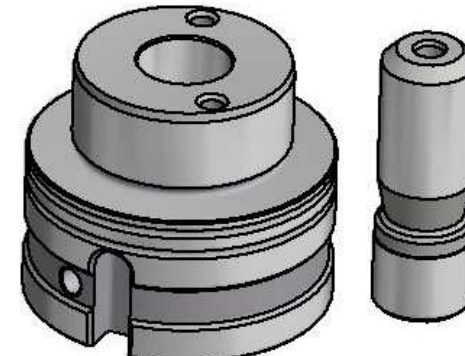
CATERPILLAR 3406E - PERKINS

RIF.	REDAT	ORIGIN.	Q.TY	DESCRIZIONE	DESCRIPTION	RIF.	REDAT	ORIGIN.	Q.TY	DESCRIZIONE	DESCRIPTION
KIT GUARNIZIONI INTERNE / INTERNAL KIT 1 209 391						KIT GUARNIZIONI INTERNE / INTERNAL KIT 1 212 520					
1	1 209 238		4	VITE M3x30	SOLENOID SCREW	1a	1 209 554		4	VITE M3x30 Torx	SOLENOID SCREW Torx
2	1 209 233		1	O-RING	O-RING	2	1 209 233		1	O-RING	O-RING
5	1 203 508		2	VITE M3x12	SCREW	5a	1 209 239		2	VITE M3x16	SCREW
7	1 209 189		1	O-RING	O-RING	7	1 210 668		1	O-RING	O-RING
17	1 209 221		1	VITE M3x25	SCREW	17a	1 209 447		1	VITE M3x35	SCREW
KIT GUARNIZIONI INTERNE / INTERNAL KIT 1 210 475						KIT GUARNIZIONI INTERNE / INTERNAL KIT 1 212 521					
1a	1 209 554		4	VITE M3x30 Torx	SOLENOID SCREW Torx	2	1 209 233		1	O-RING	O-RING
2	1 209 233		1	O-RING	O-RING	7	1 210 668		1	O-RING	O-RING
5a	1 209 239		2	VITE M3x16	SCREW	KIT GUARNIZIONI ESTERNE / EXTERNAL KIT 1 212 670					
7	1 209 189		1	O-RING	O-RING	24	1 212 667		1	O-RING	O-RING
17a	1 209 447		1	VITE M3x35	SCREW	32	1 212 666		1	O-RING	O-RING
KIT GUARNIZIONI INTERNE / INTERNAL KIT 1 209 553						33	1 209 459	9X-7317	1	O-RING	O-RING
2	1 209 233		1	O-RING	O-RING						
7	1 209 189		1	O-RING	O-RING						
KIT GUARNIZIONI ESTERNE / EXTERNAL KIT 1 209 460											
24	1 209 214	9X-7419	1	O-RING	O-RING						
32	1 209 213	9X-7418	1	O-RING	O-RING						
33	1 209 459	9X-7317	1	O-RING	O-RING						

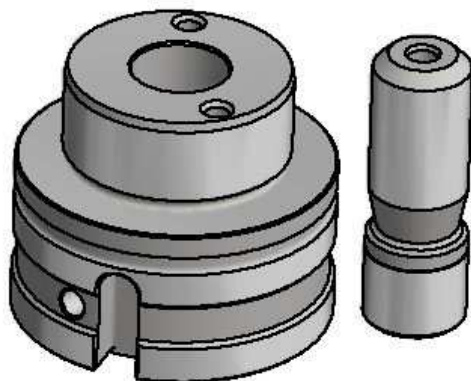
VALVOLE CATERPILLAR / PERKINS CATERPILLAR / PERKINS VALVES


1 214 620

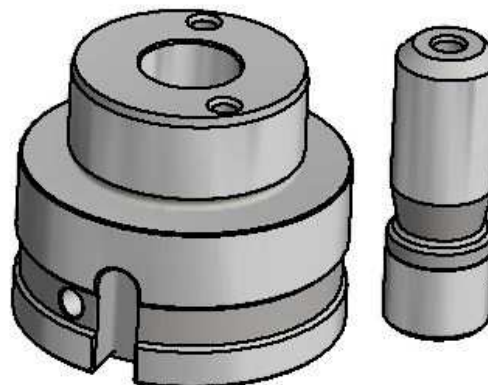
adattabile per - suitable for:
CAT 253-0615 - CAT 423-7547


1 210 655

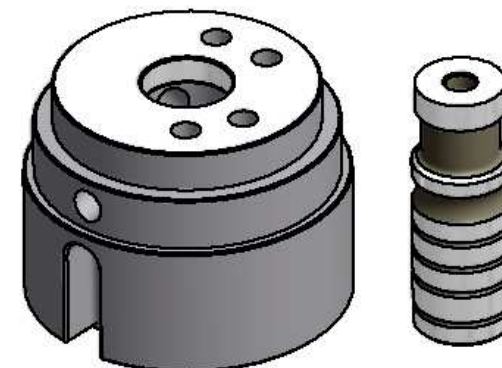
adattabile per - suitable for:
CAT 249-0713 - CAT 291-5911 -
CAT 10R-1290 - CAT 20R-2284 - CAT 20R-2285 -
PERKINS CH 12082


1 212 668

adattabile per - suitable for:
CAT 211-3023 - CAT 10R-8988 - PERKINS CH 10948 -
PERKINS CH 12071


1 210 693

adattabile per - suitable for:
CAT 211-3024 - CAT 212-3464 -
CAT 10R-0725


1 210 692

adattabile per - suitable for:
CAT 0R-4893 - CAT 20R-1275

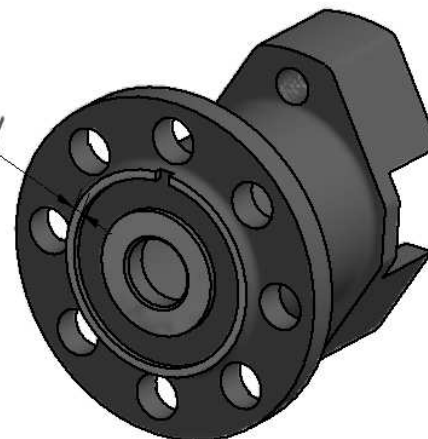


1 213 459

*adattabile per
suitable for*

CATERPILLAR

band increased

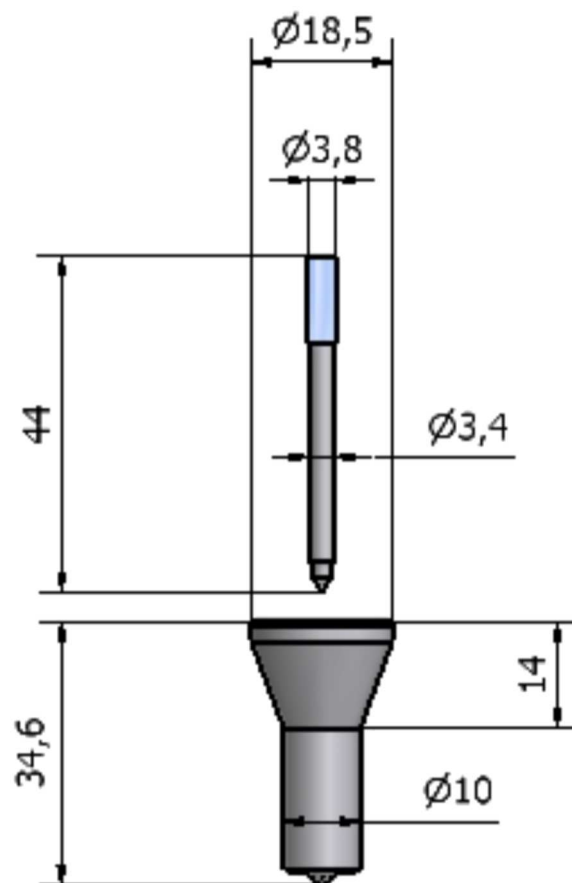


SUPPORTO SPECIALE / SPECIAL SUPPORT

REDAT CODE 1 213 459

NOZZLES suitable for CATERPILLAR

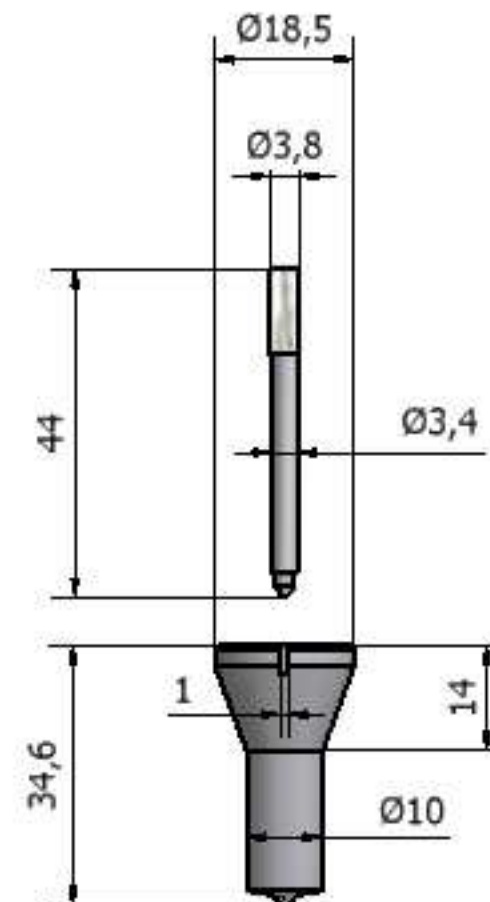
CTRF 2001 application 3406E



N° HOLES = 6

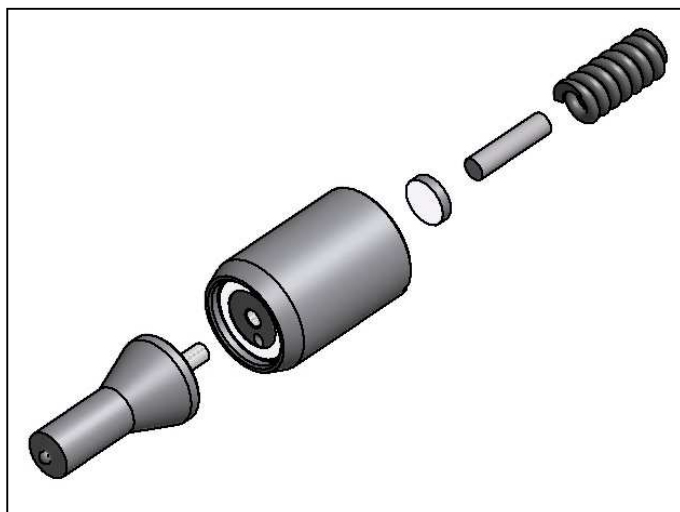
NOZZLES suitable for CATERPILLAR / PERKINS

NOZZLE	N° HOLES	P/N	APPLICATION
CTRF2007	6	253-0618 / 10R-2772	CATERPILLAR
CTRF2024	6	211-3023 / 10R-2781	CATERPILLAR
CTRF2025	6	211-3025 / 253-0616 10R-0955 / 10R-3265	CATERPILLAR
CTRF2026	6	211-3024 / 253-0615 10R-2780 / 10R-3264	CATERPILLAR
CTRF2029	6	CH12071 / 200-1117	PERKINS CATERPILLAR
CTRF2036	6	374-0750 / 20R-2284	CATERPILLAR
CTRF2040	6	229-5919 / 249-0709 10R-1000 / 10R-1273	CATERPILLAR
CTRF2041	6	211-3022 / 249-0713 10R-2782 / 10R-3262	CATERPILLAR
CTRF2042	6	249-0708 / 10R-2977	C13
CTRF2048	6	374-0751 / 20R-2285	CATERPILLAR
CTRF2051	6	CH10948	PERKINS



GRUPPI POLVERIZZATORE / NOZZLE GROUPS

C15 - 3406E - C13 - PERKINS

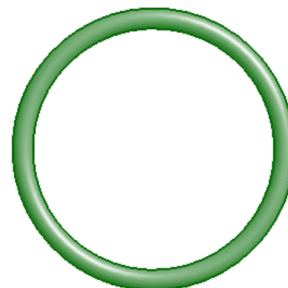


INJECTOR REF.	NOZZLE GROUP	NOZZLE
211-3023 / 10R-2781	CTRF9501	CTRF2024
211-3024 / 10R-2780	CTRF9505	CTRF2026
211-3022 / 10R-2782	CTRF9506	CTRF2041
229-5919 / 249-0709 / 10R-1000 / 10R-1273	CTRF9513	CTRF2040
249-0708 / 10R-2977 (C13)	CTRF9515	CTRF2042
253-0616 / 10R-3265	CTRF9528	CTRF2025
374-0751 / 20R-2285	CTRF9529	CTRF2048
374-0750 / 20R-2284	CTRF9530	CTRF2036
211-3025 / 10R-0955	CTRF9532	CTRF2025
CH10948	CTRF9537	CTRF2051
253-0615 / 10R3264	CTRF9538	CTRF2026
200-1117 / CH12071	CTRF9539	CTRF2029
253-0618 / 10R-2772	CTRF9540	CTRF2007
249-0713 / 10R-3262 (C13)	CTRF9541	CTRF2041

SERIE GUARNIZIONI INTERNA - INTERNAL O-RING SEAL KITadattabile per
suitable for**CATERPILLAR 3406E****1 209 391**

GUARNIZIONE - GASKET (NERO - BLACK) -
Q.TY 1

REDAT CODE 1 209 233



O-RING (VERDE OLIVA-OLIVE GREEN) -
Q.TY 1

REDAT CODE 1 209 189



VITE TCEI M3 x 25 - SCREW TCEI M3 x 25
Q.TY 1

REDAT CODE 1 209 221



VITE TCEI M3 x 12 - SCREW TCEI M3 x 12
Q.TY 2

REDAT CODE 1 203 508



VITE TCEI M3 x 30 - SCREW TCEI M3 x 30
Q.TY 4

REDAT CODE 1 209 238

SERIE GUARNIZIONI INTERNA - INTERNAL O-RING SEAL KIT

*adattabile per
suitable for* **CATERPILLAR 3406E**

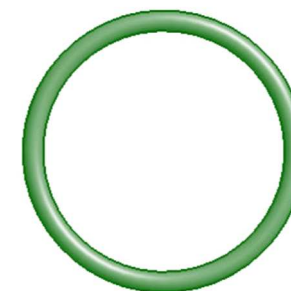


1 209 553



GUARNIZIONE - GASKET (NERO - BLACK) - Q.TY 1

REDAT CODE 1 209 233



O-RING (VERDE OLIVA-OLIVE GREEN) - Q.TY 1

REDAT CODE 1 209 189

SERIE GUARNIZIONI INTERNA - INTERNAL O-RING SEAL KIT

adattabile per
suitable for

CATERPILLAR 3406E



1 210 475



GUARNIZIONE - GASKET (NERO - BLACK) -
Q.TY 1

REDAT CODE 1 209 233



O-RING (VERDE OLIVA-OLIVE GREEN) -
Q.TY 1

REDAT CODE 1 209 189



VITE TCEI M3 x 35 - SCREW TCEI M3 x 35
Q.TY 1

REDAT CODE 1 209 447



VITE TCEI M3 x 16 - SCREW TCEI M3 x 16
Q.TY 2

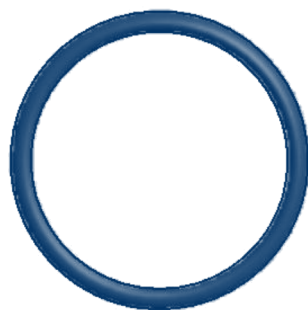
REDAT CODE 1 209 239



VITE TCEI M3 x 30 - SCREW TCEI M3 x 30
Q.TY 4

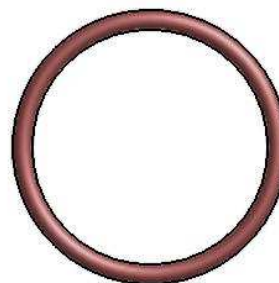
REDAT CODE 1 209 554

SERIE GUARNIZIONI ESTERNA - *EXTERNAL SEAL KIT*
*adattabile per
suitable for*
CATERPILLAR 3406E

1 209 460

O-RING (BLU SCURO - *DARK-BLUE*) - Q.TY 1
REDAT CODE 1 209 213

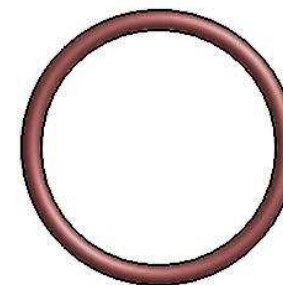
O-RING (BLU SCURO - *DARK BLUE*) - Q.TY 1
REDAT CODE 1 209 214

O-RING (AZZURRO - *AZURE*) - Q.TY 1
REDAT CODE 1 209 459

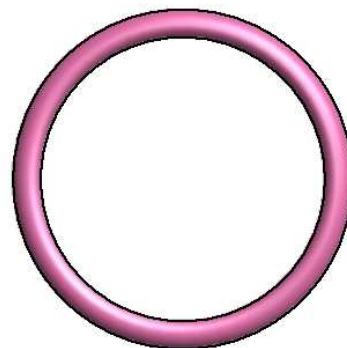
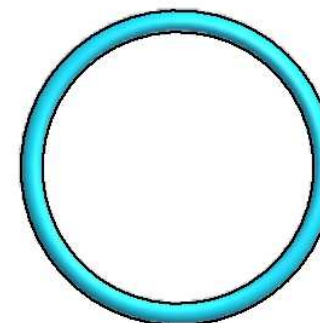
SERIE GUARNIZIONI INTERNA - INTERNAL O-RING SEAL KITadattabile per
suitable for**PERKINS / CAT****1 212 520****GUARNIZIONE - GASKET (NERO - BLACK) -
Q.TY 1****REDAT CODE 1 209 233****O-RING (MARRONE - BROWN) - Q.TY 1****REDAT CODE 1 210 668****VITE TCEI M3 x 35 - SCREW TCEI M3 x 35
Q.TY 1****REDAT CODE 1 209 447****VITE TCEI M3 x 16 - SCREW TCEI M3 x 16
Q.TY 2****REDAT CODE 1 209 239****VITE TCEI M3 x 30 - SCREW TCEI M3 x 30
Q.TY 4****REDAT CODE 1 209 554**

SERIE GUARNIZIONI INTERNE - *INTERNAL SEAL KIT*
*adattabile per
suitable for*
PERKINS / CAT

1 212 521

GUARNIZIONE - GASKET (NERO - BLACK) - Q.TY 1
REDAT CODE 1 209 233

O-RING (MARRONE - BROWN) - Q.TY 1
REDAT CODE 1 210 668

SERIE GUARNIZIONI ESTERNA - EXTERNAL SEAL KIT
*adattabile per
suitable for*
PERKINS / CAT

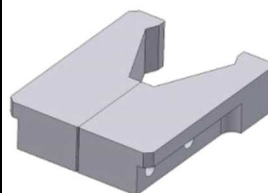
1 212 670

O-RING (LILLA - LILAC) - Q.TY 1
REDAT CODE 1 212 667

O-RING (AZZURRO - AZURE) - Q.TY 1
REDAT CODE 1 212 666

O-RING (AZZURRO - AZURE) - Q.TY 1
REDAT CODE 1 209 459

CASSETTA ATTREZZI MONTAGGIO / SMONTAGGIO CATERPILLAR 3406E - PERKINS COMPLETE TOOL SET FOR CATERPILLAR 3406E - PERKINS ASSEMBLING / DISASSEMBLING



4 010 907



BLOCCHETTO DI
FISSAGGIO
INIETTORE

INJECTOR FIXING
JIG



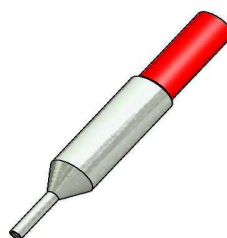
4 021 068



ATTREZZO PROVA
POLVERIZZATORE

NOZZLE TESTING
TOOL

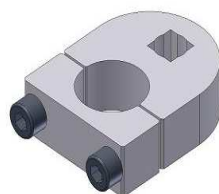
4 021 079



INSERITORE
SFERA

BALL INSERTER

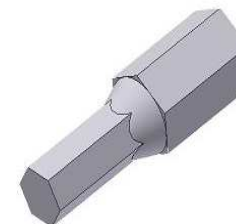
4 021 076



ATTREZZO
MONTAGGIO/
SMONTAGGIO
DADO
POLVERIZZATORE

NOZZLE NUT
ASSEMBLING /
DISASSEMBLING
TOOL

4 021 080



Q.TY 3

INSERTI 1/4"

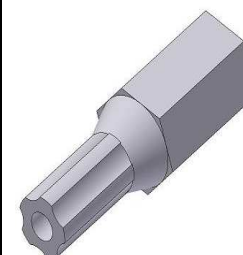
INSERTS 1/4"

CHIAVE ESAG.
3 mm
EXAG. KEY 3 mm

4 021 077

CHIAVE ESAG.
2,5 mm
KEY 2,5 mm

4 021 078

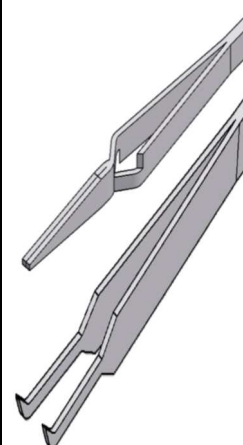


Q.TY 3

INSERTO 1/4" -
TORX TX10

TORX TX10 -
1/4" INSERTS

4 021 167


KIT PINZETTE DI
PRECISIONE

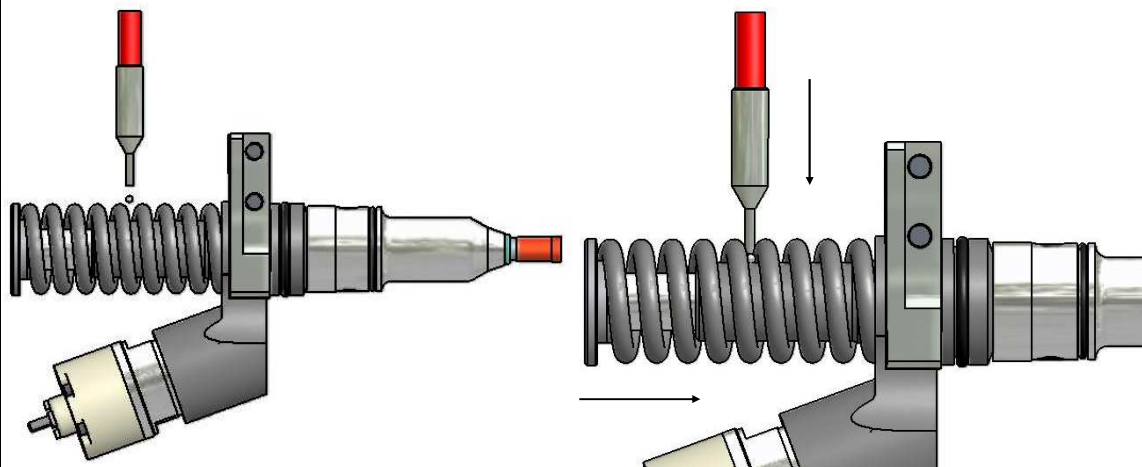
PRECISION
TWEEZERS KIT

4 010 901

MODO DI UTILIZZO DEGLI ATTREZZI PRESENTI NELLA CASSETTA



USE OF THE TOOLS CONTAINED IN THE BOX



Consente di assemblare il gruppo pompante esercitando una pressione sulla sfera appoggiata su una molla.

Allows to assemble the element group applying a pressure on the spring supported sphere.

4 021 076

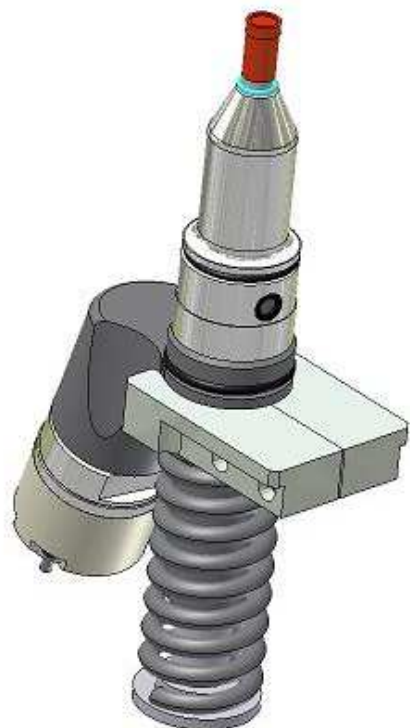


Consente di eseguire la prova di polverizzazione dell' iniettore.

Allows the testing the injector nozzle

4 021 079

MODO DI UTILIZZO DEGLI ATTREZZI PRESENTI NELLA CASSETTA

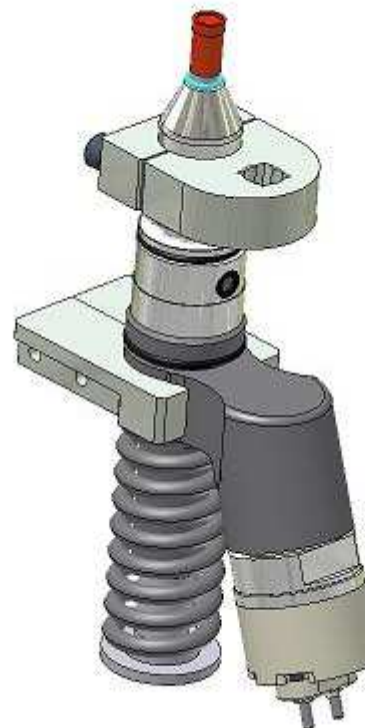


Consente il bloccaggio
dell'iniettore per le fasi di
montaggio/smontaggio
componenti

*Allows the blocking of the
injector for the
assembling and
disassembling of the
components*

4 021 068

USE OF THE TOOLS CONTAINED IN THE BOX



Consente il montaggio/
smontaggio del dado polve-
rizzatore.

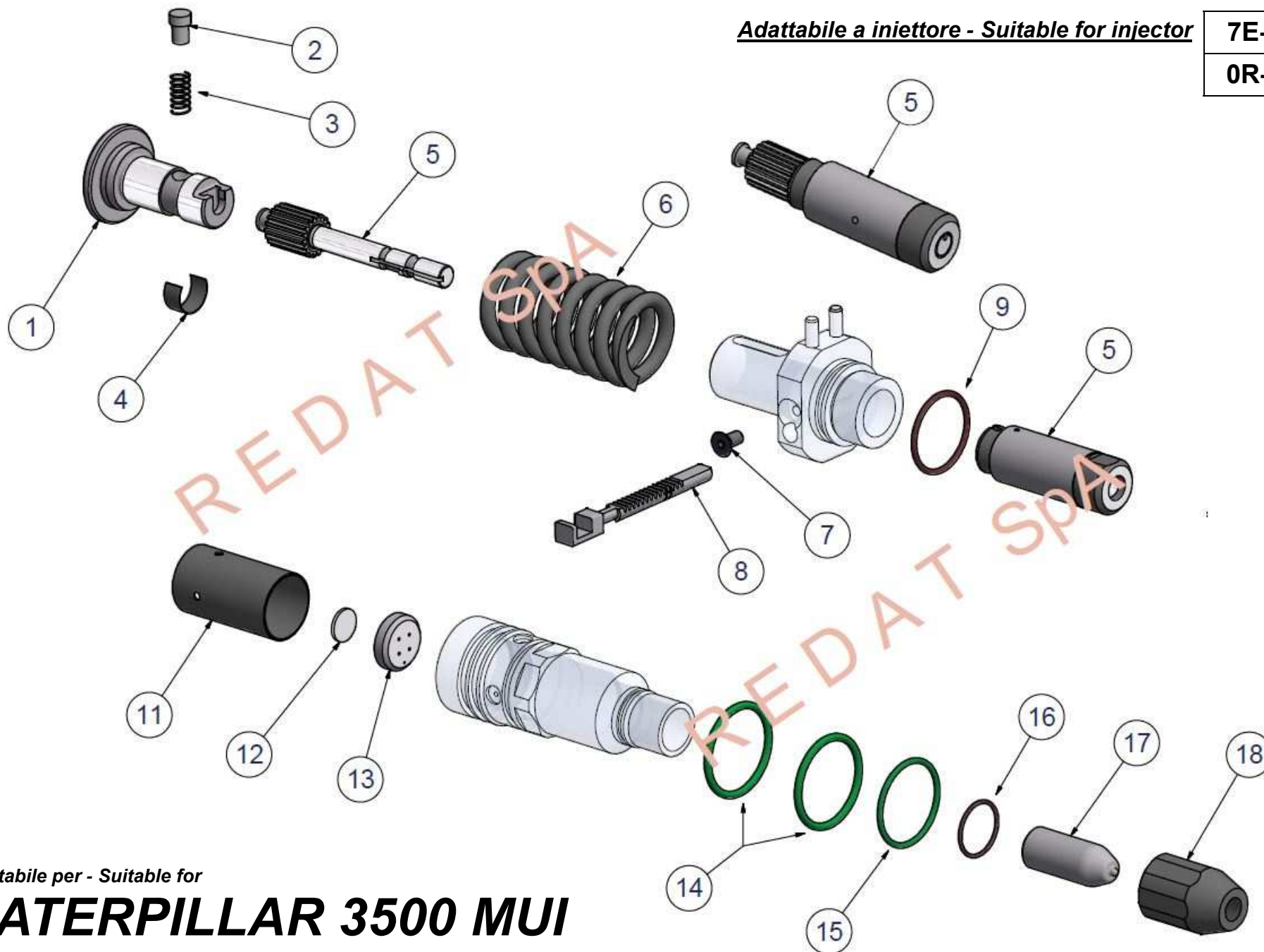
*Allows to assemble and
disassemble the nozzle nut.*

4 021 080

Adattabile a iniettore - Suitable for injector

7E-3382

0R-2921



Adattabile per - Suitable for

CATERPILLAR 3500 MUI

K = ITEM INCLUDED IN KIT

- 26 -

POLVERIZZATORI CAPSULE NOZZLES



INJECTORS REF.	CAPSULE NOZZLE
4P-9075 7C-0341 7C-4173 7C-9578 7E-3381	7C-0340
4P-9077 7C-0345 7C-4175 7C-9576 7E-3383 9Y-4544	7C-0344
4P-9076 7C-2239 7C-4174 7C-9577 7E-3382 7E-8836 9Y-1785	7C-2238
7E-3384 7E-6408 9Y-0052	9Y-0051

SERIE GUARNIZIONI INTERNA PER INIETTORI - INTERNAL SEAL KIT

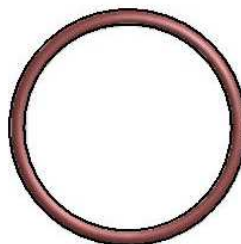
adattabile per

suitable for

CATERPILLAR 3500

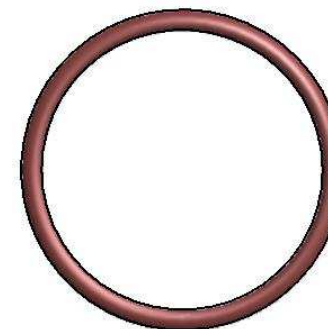


1 210 063



O-RING (MARRONE - BROWN) - Q.TY 1

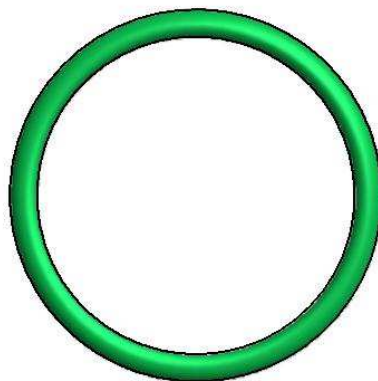
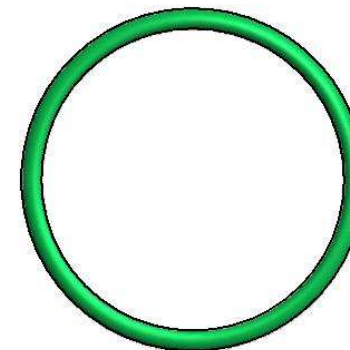
REDAT CODE 1 208 761



O-RING (MARRONE - BROWN) - Q.TY 1

REDAT CODE 1 210 062

SERIE GUARNIZIONI ESTERNA PER INIETTORI - EXTERNAL SEAL KIT
adattabile per
suitable for
CATERPILLAR 3500

1 210 064

O-RING (VERDE - GREEN) - Q.TY 2
REDAT CODE 1 209 832

O-RING (VERDE - GREEN) - Q.TY 1
REDAT CODE 1 210 077

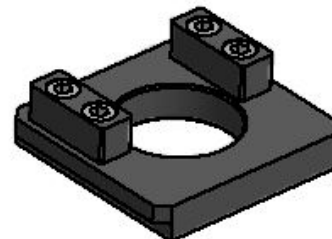
VITE - SCREW 1/4" - 20 UNC - Q.TY 1
REDAT CODE 1 210 060

CASSETTA ATTREZZI MONTAGGIO / SMONTAGGIO CATERPILLAR 3500 COMPLETE TOOL SET FOR CATERPILLAR 3500 ASSEMBLING / DISASSEMBLING



4 010 922

Immagine non disponibile
Image not available



BLOCCHETTO FISSAGGIO INIETTORE
INJECTOR FIXING JIG

4 021 306



ATTREZZO PROVA POLVERIZZATORE
NOZZLE TESTING TOOL

4 021 309



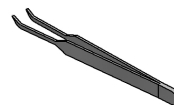
BUSSOLA MONTAGGIO / SMONTAGGIO
DADO POLVERIZZATORE
NOZZLE NUT ASSEMBLING /
DISASSEMBLING BUSH

4 021 660



BUSSOLA MONTAGGIO / SMONTAGGIO
CORPO INIETTORE
INJECTOR BODY ASSEMBLING /
DISASSEMBLING BUSH

4 021 945



PINZETTA DI PRECISIONE
PRECISION TWEEZER

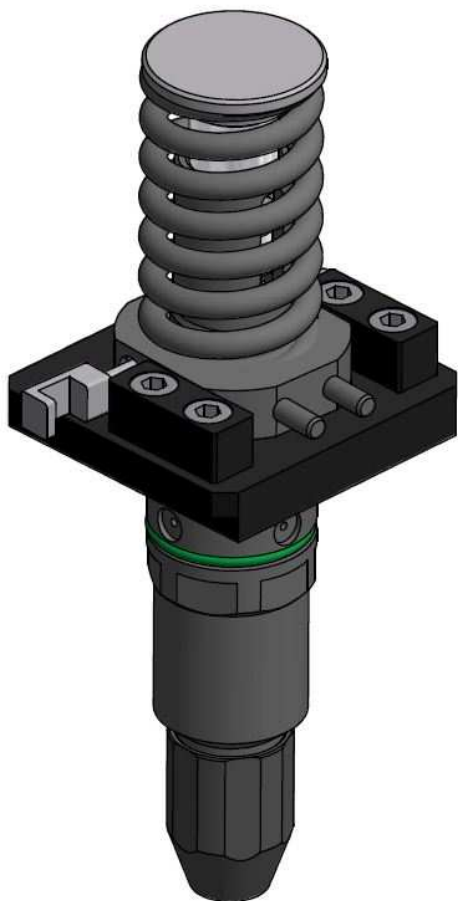
4 010 903



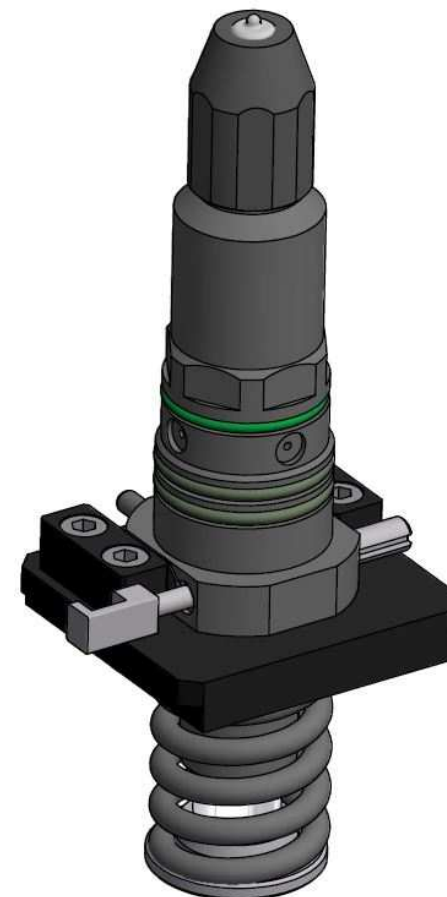
UNCINO A 90°
90° HOOK

4 021 678

MODO DI UTILIZZO DEGLI ATTREZZI PRESENTI NELLA CASSETTA
USE OF THE TOOLS CONTAINED IN THE BOX



4 021 306



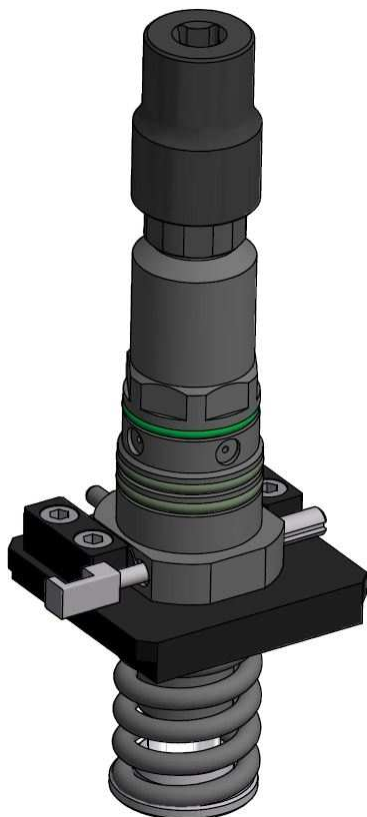
Consente il bloccaggio dell'iniettore per le fasi di montaggio/
 smontaggio componenti

*Allows to hold the injector for the components assembling /
 disassembling operations*

**4 021 660**

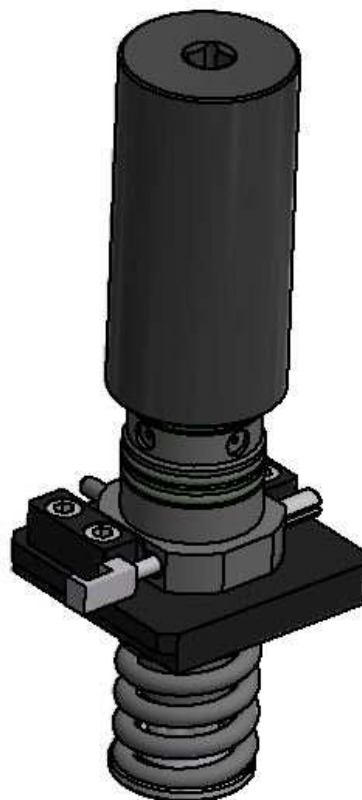
Consente il montaggio/smontaggio del dado pulverizzatore.

Allows to assemble / disassemble the nozzle nut

**4 021 945**

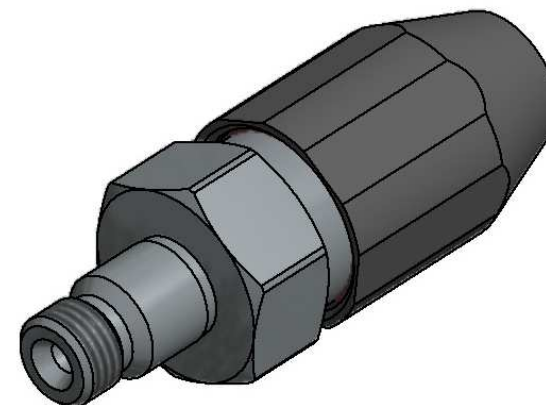
Consente il montaggio/smontaggio del corpo iniettore.

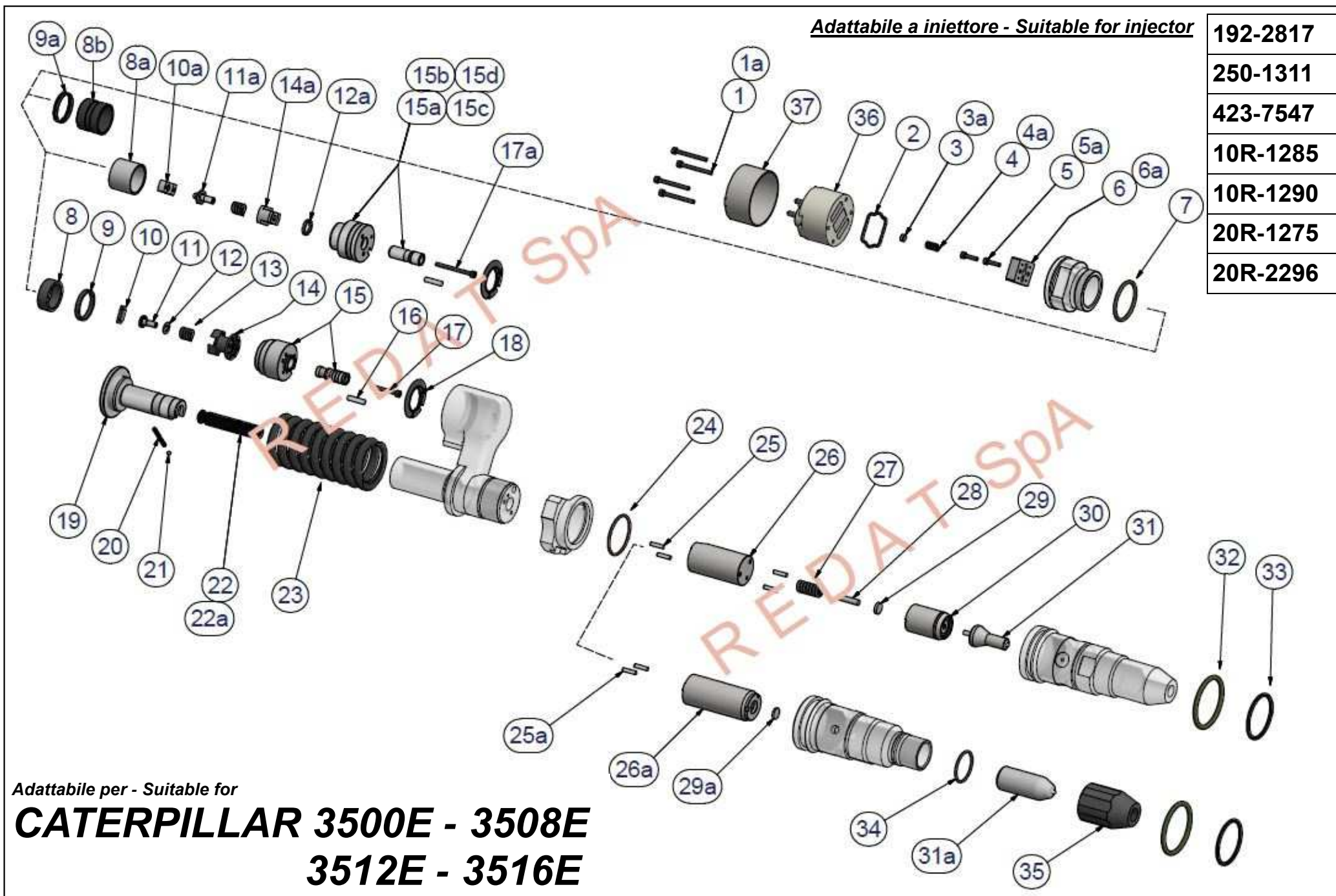
Allows to assemble / disassemble the body injector

**4 021 309**

Consente di eseguire la prova di pulverizzazione dell'iniettore.

Allows to perform the injector spray test





CATERPILLAR 3500E / 3508E / 3512E / 3516E

K = ITEM INCLUDED IN KIT

RIF.	REDAT	ORIGIN.	Q.TY	DESCRIZIONE	DESCRIPTION	RIF.	REDAT	ORIGIN.	Q.TY	DESCRIZIONE	DESCRIPTION
1	1 209 238		4	VITE M3x30	SOLENOID SCREW K	6	1 213 118		1	PIASTRA SOLENOIDE Sp. 8,12	SOLENOID PLATE Th. 8,12
1a	1 209 554		4	VITE M3x30 Torx	SOLENOID SCREW Torx K		1 213 119		1	PIASTRA SOLENOIDE Sp. 8,14	SOLENOID PLATE Th. 8,14
2	1 209 233		1	O-RING	O-RING K		1 213 120		1	PIASTRA SOLENOIDE Sp. 8,16	SOLENOID PLATE Th. 8,16
3	1 209 469		1	SPESSORE Sp 2,3	SHIM h. 2,3		1 213 121		1	PIASTRA SOLENOIDE Sp. 8,18	SOLENOID PLATE Th. 8,18
	1 209 470		1	SPESSORE Sp 2,4	SHIM h. 2,4		1 209 240		1	PIASTRA SOLENOIDE Sp. 8,20	SOLENOID PLATE Th. 8,20
	1 209 471		1	SPESSORE Sp 2,5	SHIM h. 2,5		1 213 122		1	PIASTRA SOLENOIDE Sp. 8,22	SOLENOID PLATE Th. 8,22
	1 209 236		1	SPESSORE Sp 2,6	SHIM h. 2,6		1 213 123		1	PIASTRA SOLENOIDE Sp. 8,24	SOLENOID PLATE Th. 8,24
	1 209 472		1	SPESSORE Sp 2,7	SHIM h. 2,7		1 213 124		1	PIASTRA SOLENOIDE Sp. 8,26	SOLENOID PLATE Th. 8,26
	1 209 473		1	SPESSORE Sp 2,8	SHIM h. 2,8	6	1 213 125		80	KIT PIASTRE SOLENOIDE	SOLENOID PLATES KIT
	1 209 474		1	SPESSORE Sp 2,9	SHIM h. 2,9	6a	1 213 129		1	PIASTRA SOLENOIDE Sp. 6,72	SOLENOID PLATE Th. 6,72
	1 209 475		1	SPESSORE Sp 3	SHIM h. 3		1 213 130		1	PIASTRA SOLENOIDE Sp. 6,74	SOLENOID PLATE Th. 6,74
3	1 210 645		80	KIT SPESSORI DI COMPENSAZIONE	SHIMS KIT		1 213 131		1	PIASTRA SOLENOIDE Sp. 6,76	SOLENOID PLATE Th. 6,76
3a	1 209 481		1	SPESSORE Sp. 2,3	SHIM h. 2,3		1 213 132		1	PIASTRA SOLENOIDE Sp. 6,78	SOLENOID PLATE Th. 6,78
	1 209 482		1	SPESSORE Sp. 2,4	SHIM h. 2,4		1 209 453		1	PIASTRA SOLENOIDE Sp. 6,80	SOLENOID PLATE Th. 6,80
	1 209 483		1	SPESSORE Sp. 2,5	SHIM h. 2,5		1 213 133		1	PIASTRA SOLENOIDE Sp. 6,82	SOLENOID PLATE Th. 6,82
	1 209 484		1	SPESSORE Sp. 2,6	SHIM h. 2,6		1 213 134		1	PIASTRA SOLENOIDE Sp. 6,84	SOLENOID PLATE Th. 6,84
	1 209 485		1	SPESSORE Sp. 2,7	SHIM h. 2,7		1 213 135		1	PIASTRA SOLENOIDE Sp. 6,86	SOLENOID PLATE Th. 6,86
	1 209 456		1	SPESSORE Sp. 2,8	SHIM h. 2,8	6a	1 213 128		80	KIT PIASTRE SOLENOIDE	SOLENOID PLATES KIT
	1 209 486		1	SPESSORE Sp. 2,9	SHIM h. 2,9	7	1 209 189		1	O-RING	O-RING K
	1 209 487		1	SPESSORE Sp. 3	SHIM h. 3	8	1 209 216		1	ANELLO	RING
3a	1 210 646		80	KIT SPESSORI DI COMPENSAZIONE	SHIMS KIT	8a	1 210 477		1	DISTANZIALE	PLATE ASSEMBLY
4	1 209 237		1	MOLLA Ø 5,8 X L11,6	SPRING Ø 5,8 X L11,6	8b	1 209 451		1	DISTANZIALE per 10R-1290 / 423-7547	PLATE ASSEMBLY for 10R-1290 / 423-7547
4a	1 209 448		1	MOLLA Ø 8 X L7,1	SPRING Ø 8 X L7,1	9	1 209 215		1	ANELLO	RING
5	1 203 508		2	VITE M3x12	SCREW K	9a	1 209 452		1	FASCETTA per 10R-1290 / 423-7547	BAND f or 10R-1290 / 423-7547
5a	1 209 239		2	VITE M3x16	SCREW K	10	1 209 235		1	PIASTRA	PLATE
						10a	1 209 455		1	PIASTRA	PLATE

CATERPILLAR 3500E / 3508E / 3512E / 3516E

RIF.	REDAT	ORIGIN.	Q.TY	DESCRIZIONE	DESCRIPTION	RIF.	REDAT	ORIGIN.	Q.TY	DESCRIZIONE	DESCRIPTION
11	1 209 220		1	PERNO	SUPPORT	12a	1 211 894		1	RONDELLA ACCIAIO Sp. 2,03	STEEL WASHER h. 2,03
11a	1 209 457		1	PERNO	SUPPORT		1 211 895		1	RONDELLA ACCIAIO Sp. 2,04	STEEL WASHER h. 2,04
12	1 209 461		1	RONDELLA ACCIAIO Sp. 0,2	STEEL WASHER h. 0,2		1 211 896		1	RONDELLA ACCIAIO Sp. 2,05	STEEL WASHER h. 2,05
	1 209 462		1	RONDELLA ACCIAIO Sp. 0,3	STEEL WASHER h. 0,3	12a	1 211 881		160	KIT RONDELLE	WASHERS KIT
	1 209 463		1	RONDELLA ACCIAIO Sp. 0,4	STEEL WASHER h. 0,4	13	1 209 222		1	MOLLA	SPRING
	1 209 219		1	RONDELLA ACCIAIO Sp. 0,5	STEEL WASHER h. 0,5	14	1 209 225		1	SUPPORTO	SUPPORT
	1 209 464		1	RONDELLA ACCIAIO Sp. 0,6	STEEL WASHER h. 0,6		1 213 459		1	SUPPORTO SPECIALE	SPECIAL SUPPORT
	1 209 465		1	RONDELLA ACCIAIO Sp. 0,7	STEEL WASHER h. 0,7	14a	1 209 454		1	BOCCOLA	BUSH
	1 209 466		1	RONDELLA ACCIAIO Sp. 0,8	STEEL WASHER h. 0,8	15	1 210 692		1	VALVOLA	VALVE
	1 209 467		1	RONDELLA ACCIAIO Sp. 0,9	STEEL WASHER h. 0,9	15a	1 210 693		1	VALVOLA	VALVE
	1 209 468		1	RONDELLA ACCIAIO Sp. 1	STEEL WASHER h. 1	15b	1 210 655		1	VALVOLA	VALVE
12	1 210 647		90	KIT RONDELLE DI COMPENSAZIONE	SHIMS KIT	15c	1 212 668		1	VALVOLA	VALVE
12a	1 211 882		1	RONDELLA ACCIAIO Sp. 1,90	STEEL WASHER h. 1,90	15d	1 214 620		1	VALVOLA	VALVE
	1 211 883		1	RONDELLA ACCIAIO Sp. 1,91	STEEL WASHER h. 1,91	16	1 209 217		1	SPINA	PIN
	1 211 884		1	RONDELLA ACCIAIO Sp. 1,92	STEEL WASHER h. 1,92	17	1 209 221		1	VITE M3x25	SCREW K
	1 211 885		1	RONDELLA ACCIAIO Sp. 1,93	STEEL WASHER h. 1,93	17a	1 209 447		1	VITE M3x35	SCREW K
	1 211 886		1	RONDELLA ACCIAIO Sp. 1,94	STEEL WASHER h. 1,94	18	1 209 218		1	DISCO	PLATE
	1 211 887		1	RONDELLA ACCIAIO Sp. 1,95	STEEL WASHER h. 1,95	19	1 209 835		1	SUPPORTO POMPANTE	PUNGER SUPPORT
	1 211 888		1	RONDELLA ACCIAIO Sp. 1,96	STEEL WASHER h. 1,96	20	1 209 211		1	MOLLA	SPRING
	1 211 889		1	RONDELLA ACCIAIO Sp. 1,97	STEEL WASHER h. 1,97	21	1 206 473		1	SFERA	BALL
	1 211 890		1	RONDELLA ACCIAIO Sp. 1,98	STEEL WASHER h. 1,98	22	1 209 836	cylindrical type	1	POMPANTE	PLUNGER
	1 209 458		1	RONDELLA ACCIAIO Sp. 1,99	STEEL WASHER h. 1,99		1 214 287	cylindrical type	1	POMPANTE oversize +0,002	PLUNGER oversize +0,002
	1 211 891		1	RONDELLA ACCIAIO Sp. 2,00	STEEL WASHER h. 2,00		1 214 288	cylindrical type	1	POMPANTE undersize -0,002	PLUNGER undersize -0,002
	1 211 892		1	RONDELLA ACCIAIO Sp. 2,01	STEEL WASHER h. 2,01	22a	1 214 532	chamfer type	1	POMPANTE	PLUNGER
	1 211 893		1	RONDELLA ACCIAIO Sp. 2,02	STEEL WASHER h. 2,02		1 214 533	chamfer type	1	POMPANTE oversize +0,002	PLUNGER oversize +0,002
							1 214 534	chamfer type	1	POMPANTE undersize -0,002	PLUNGER undersize -0,002

VEDI -
SEE PAG.39

CATERPILLAR 3500E / 3508E / 3512E / 3516E

RIF.	REDAT	ORIGIN.	Q.TY	DESCRIZIONE	DESCRIPTION	RIF.	REDAT	ORIGIN.	Q.TY	DESCRIZIONE	DESCRIPTION
23	1 209 834		1	MOLLA	SPRING	28	1 213 706		1	SPINA Sp. 19,45	PIN h. 19,45
24	1 209 831		1	O-RING	O-RING K		1 213 707		1	SPINA Sp. 19,50	PIN h. 19,50
25	1 209 226		4	SPINA	DOWEL		1 213 708		1	SPINA Sp. 19,55	PIN h. 19,55
25a	1 209 226		2	SPINA	DOWEL	28	1 213 697		110	KIT SPINE	PINS KIT
26	1 209 838		1	DISTANZIALE	SPACER	28	1 209 837		1	SPINA Sp. 19,60	PIN h. 19,60
26a	1 210 478		1	DISTANZIALE	SPACER		1 210 695		1	SPINA Sp. 19,62	PIN h. 19,62
27	1 209 229		1	MOLLA	SPRING		1 210 696		1	SPINA Sp. 19,64	PIN h. 19,64
28	1 211 898		1	SPINA Sp. 18,80	PIN h. 18,80		1 210 697		1	SPINA Sp. 19,66	PIN h. 19,66
	1 211 899		1	SPINA Sp. 18,82	PIN h. 18,82		1 210 698		1	SPINA Sp. 19,68	PIN h. 19,68
	1 211 900		1	SPINA Sp. 18,84	PIN h. 18,84		1 210 699		1	SPINA Sp. 19,70	PIN h. 19,70
	1 211 901		1	SPINA Sp. 18,86	PIN h. 18,86		1 210 700		1	SPINA Sp. 19,72	PIN h. 19,72
	1 211 902		1	SPINA Sp. 18,88	PIN h. 18,88		1 210 701		1	SPINA Sp. 19,74	PIN h. 19,74
	1 211 903		1	SPINA Sp. 18,90	PIN h. 18,90		1 210 702		1	SPINA Sp. 19,76	PIN h. 19,76
	1 211 904		1	SPINA Sp. 18,92	PIN h. 18,92		1 212 523		1	SPINA Sp. 19,78	PIN h. 19,78
	1 211 905		1	SPINA Sp. 18,94	PIN h. 18,94		1 212 524		1	SPINA Sp. 19,80	PIN h. 19,80
	1 211 906		1	SPINA Sp. 18,96	PIN h. 18,96		1 212 525		1	SPINA Sp. 19,82	PIN h. 19,82
	1 211 907		1	SPINA Sp. 18,98	PIN h. 18,98		1 212 526		1	SPINA Sp. 19,84	PIN h. 19,84
	1 211 908		1	SPINA Sp. 19,00	PIN h. 19,00		1 212 527		1	SPINA Sp. 19,86	PIN h. 19,86
28	1 211 897		110	KIT SPINE	PINS KIT	28	1 210 694		140	KIT SPINE	PINS KIT
28	1 213 698		1	SPINA Sp. 19,05	PIN h. 19,05	29	1 211 524		1	APPOGGIO MOLLA Sp. 1,3	LIFT SPACER h. 1,3
	1 213 699		1	SPINA Sp. 19,10	PIN h. 19,10		1 211 525		1	APPOGGIO MOLLA Sp. 1,4	LIFT SPACER h. 1,4
	1 213 700		1	SPINA Sp. 19,15	PIN h. 19,15		1 211 526		1	APPOGGIO MOLLA Sp. 1,5	LIFT SPACER h. 1,5
	1 213 701		1	SPINA Sp. 19,20	PIN h. 19,20		1 211 527		1	APPOGGIO MOLLA Sp. 1,6	LIFT SPACER h. 1,6
	1 213 702		1	SPINA Sp. 19,25	PIN h. 19,25		1 211 528		1	APPOGGIO MOLLA Sp. 1,7	LIFT SPACER h. 1,7
	1 213 703		1	SPINA Sp. 19,30	PIN h. 19,30		1 211 529		1	APPOGGIO MOLLA Sp. 1,8	LIFT SPACER h. 1,8
	1 213 704		1	SPINA Sp. 19,35	PIN h. 19,35		1 211 530		1	APPOGGIO MOLLA Sp. 1,9	LIFT SPACER h. 1,9
	1 213 705		1	SPINA Sp. 19,40	PIN h. 19,40		1 209 476		1	APPOGGIO MOLLA Sp. 2	LIFT SPACER h. 2
							1 209 477		1	APPOGGIO MOLLA Sp. 2,1	LIFT SPACER h. 2,1

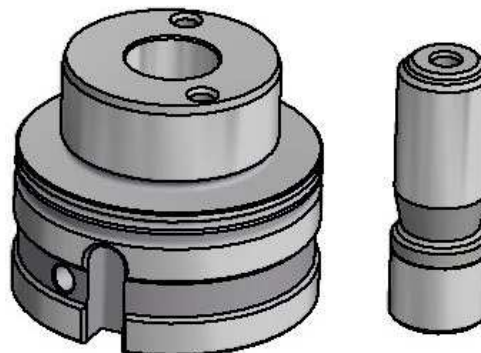
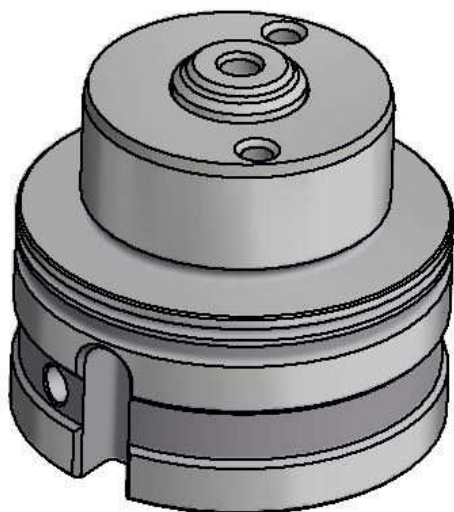
CATERPILLAR 3500E / 3508E / 3512E / 3516E

RIF.	REDAT	ORIGIN.	Q.TY	DESCRIZIONE	DESCRIPTION	RIF.	REDAT	ORIGIN.	Q.TY	DESCRIZIONE	DESCRIPTION
29	1 209 228		1	APPOGGIO MOLLA Sp. 2,2	LIFT SPACER h. 2,2	29	1 213 537		1	APPOGGIO MOLLA Sp. 2,48	LIFT SPACER h. 2,48
	1 209 478		1	APPOGGIO MOLLA Sp. 2,3	LIFT SPACER h.2,3		1 213 538		1	APPOGGIO MOLLA Sp. 2,50	LIFT SPACER h. 2,50
	1 209 479		1	APPOGGIO MOLLA Sp. 2,4	LIFT SPACER h. 2,4	29	1 213 517		210	KIT APPOGGIO MOLLA	LIFT SPACERS KIT
	1 209 480		1	APPOGGIO MOLLA Sp. 2,5	LIFT SPACER h. 2,5	29a	1 210 479		1	DISTANZIALE	SPACER
29	1 210 648		130	KIT APPOGGIO MOLLA	LIFT SPACERS KIT	30	1 209 629		1	BOCCOLA	BUSHING
29	1 213 518		1	APPOGGIO MOLLA Sp. 2,10	LIFT SPACER h. 2,10		CTRF2004	SEE PAGE 41 - 42	1	POLVERIZZATORE	NOZZLE
	1 213 519		1	APPOGGIO MOLLA Sp. 2,12	LIFT SPACER h. 2,12	31	CTRF2008				
	1 213 520		1	APPOGGIO MOLLA Sp. 2,14	LIFT SPACER h. 2,14		CTRF2023				
	1 213 521		1	APPOGGIO MOLLA Sp. 2,16	LIFT SPACER h. 2,16	31a	7C2238	CAT C04 7C2238	1	POLVERIZZATORE	NOZZLE
	1 213 522		1	APPOGGIO MOLLA Sp. 2,18	LIFT SPACER h. 2,18	32	1 209 832	8J-8725	1	O-RING	O-RING
	1 213 523		1	APPOGGIO MOLLA Sp. 2,20	LIFT SPACER h. 2,20	33	1 209 833	9X-7735	1	O-RING	O-RING
	1 213 524		1	APPOGGIO MOLLA Sp. 2,22	LIFT SPACER h. 2,22	34	1 208 761		1	O-RING	O-RING
	1 213 525		1	APPOGGIO MOLLA Sp. 2,24	LIFT SPACER h. 2,24	35	1 210 074		1	DADO POLVERIZZATORE	NOZZLE NUT
	1 213 526		1	APPOGGIO MOLLA Sp. 2,26	LIFT SPACER h. 2,26	36	1 213 114		1	SOLENOIDE	SOLENOID
	1 213 527		1	APPOGGIO MOLLA Sp. 2,28	LIFT SPACER h. 2,28	37	1 214 623		1	RIPARO per SOLENOIDE	SOLENOID CARTER
	1 213 528		1	APPOGGIO MOLLA Sp. 2,30	LIFT SPACER h. 2,30						
	1 213 529		1	APPOGGIO MOLLA Sp. 2,32	LIFT SPACER h. 2,32						
	1 213 530		1	APPOGGIO MOLLA Sp. 2,34	LIFT SPACER h. 2,34						
	1 213 531		1	APPOGGIO MOLLA Sp. 2,36	LIFT SPACER h. 2,36						
	1 213 532		1	APPOGGIO MOLLA Sp. 2,38	LIFT SPACER h. 2,38						
	1 213 533		1	APPOGGIO MOLLA Sp. 2,40	LIFT SPACER h. 2,40						
	1 213 534		1	APPOGGIO MOLLA Sp. 2,42	LIFT SPACER h. 2,42						
	1 213 535		1	APPOGGIO MOLLA Sp. 2,44	LIFT SPACER h. 2,44						
	1 213 536		1	APPOGGIO MOLLA Sp. 2,46	LIFT SPACER h. 2,46						

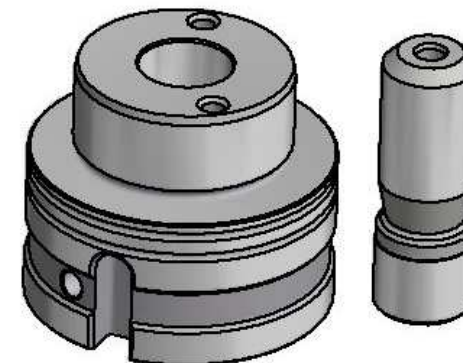
CATERPILLAR 3500E / 3508E / 3512E / 3516E

RIF.	REDAT	ORIGIN.	Q.TY	DESCRIZIONE	DESCRIPTION	RIF.	REDAT	ORIGIN.	Q.TY	DESCRIZIONE	DESCRIPTION
KIT GUARNIZIONI INTERNE / INTERNAL KIT 1 209 553						KIT GUARNIZIONI INTERNE / INTERNAL KIT 1 210 480					
2	1 209 233		1	O-RING	O-RING	1a	1 209 554		4	VITE M3x30 Torx	SOLENOID SCREW Torx
7	1 209 189		1	O-RING	O-RING	2	1 209 233		1	O-RING	O-RING
						5a	1 209 239		2	VITE M3x16	SCREW
KIT GUARNIZIONI ESTERNE / EXTERNAL KIT 1 209 830						7	1 209 189		1	O-RING	O-RING
32	1 209 832	8J-8725	1	O-RING	O-RING	17a	1 209 447		1	VITE M3x35	SCREW
33	1 209 833	9X-7735	1	O-RING	O-RING	24	1 209 831		1	O-RING	O-RING
						34	1 208 761		1	O-RING	O-RING
KIT GUARNIZIONI INTERNE / INTERNAL KIT 1 209 829											
1	1 209 238		4	VITE M3x30	SOLENOID SCREW						
2	1 209 233		1	O-RING	O-RING						
5	1 203 508		2	VITE M3x12	SCREW						
7	1 209 189		1	O-RING	O-RING						
17	1 209 221		1	VITE M3x25	SCREW						
24	1 209 831		1	O-RING	O-RING						
KIT GUARNIZIONI INTERNE / INTERNAL KIT 1 210 476											
1a	1 209 554		4	VITE M3x30 Torx	SOLENOID SCREW Torx						
2	1 209 233		1	O-RING	O-RING						
5a	1 209 239		2	VITE M3x16	SCREW						
7	1 209 189		1	O-RING	O-RING						
17a	1 209 447		1	VITE M3x35	SCREW						
24	1 209 831		1	O-RING	O-RING						

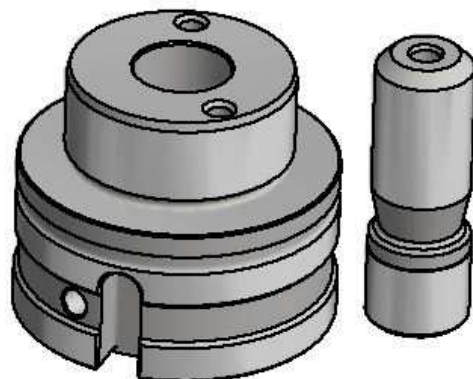
VALVOLE CATERPILLAR / PERKINS CATERPILLAR / PERKINS VALVES


1 214 620

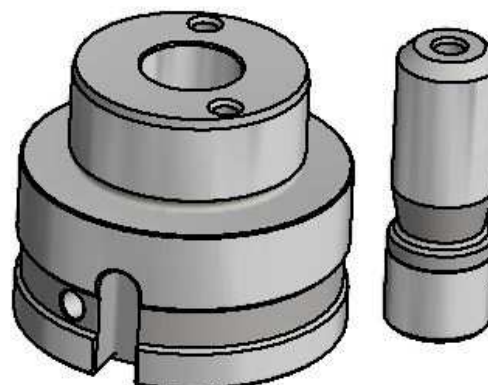
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CAT 253-0615 - CAT 423-7547


1 210 655

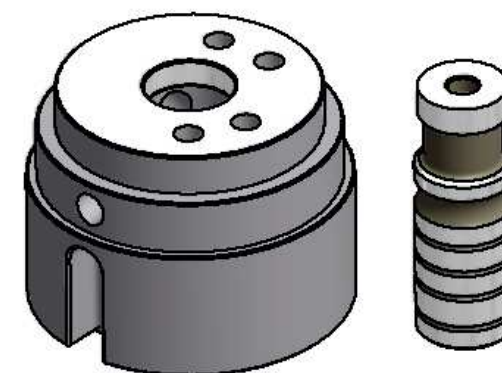
adattabile per - suitable for:
CAT 249-0713 - CAT 291-5911 -
CAT 10R-1290 - CAT 20R-2284 - CAT 20R-2285 -
PERKINS CH 12082


1 212 668

adattabile per - suitable for:
CAT 211-3023 - CAT 10R-8988 - PERKINS CH 10948 -
PERKINS CH 12071


1 210 693

adattabile per - suitable for:
CAT 211-3024 - CAT 212-3464 -
CAT 10R-0725

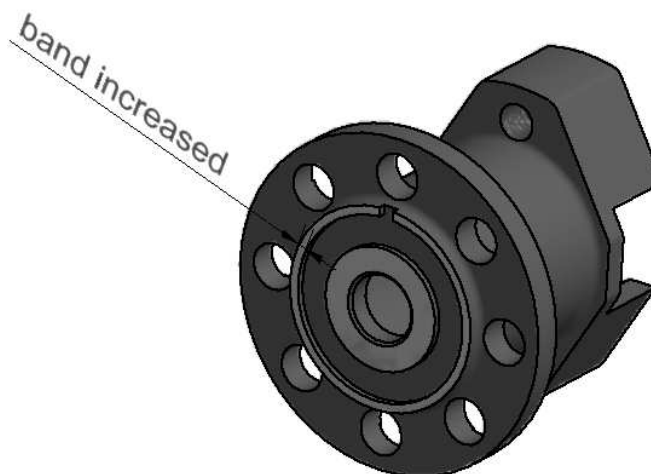

1 210 692

adattabile per - suitable for:
CAT 0R-4893 - CAT 20R-1275



1 213 459

adattabile per
suitable for **CATERPILLAR**

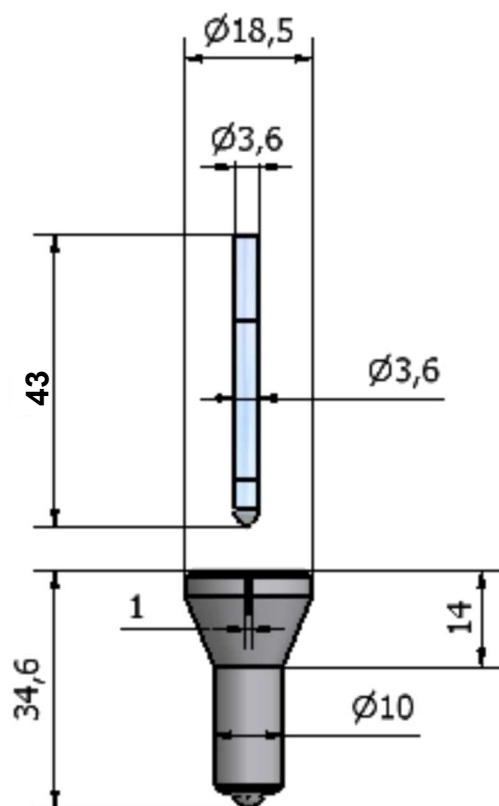


SUPPORTO SPECIALE / SPECIAL SUPPORT

REDAT CODE 1 213 459

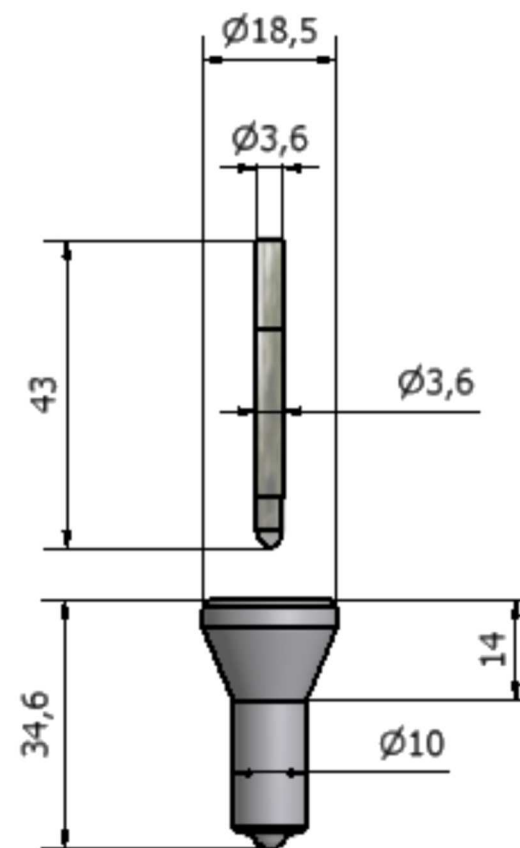
NOZZLES suitable for CATERPILLAR

CTRF2004 application 35..E



N° HOLES = 8

CTRF2008 application 35..E



N° HOLES = 8

NOZZLES suitable for CATERPILLAR

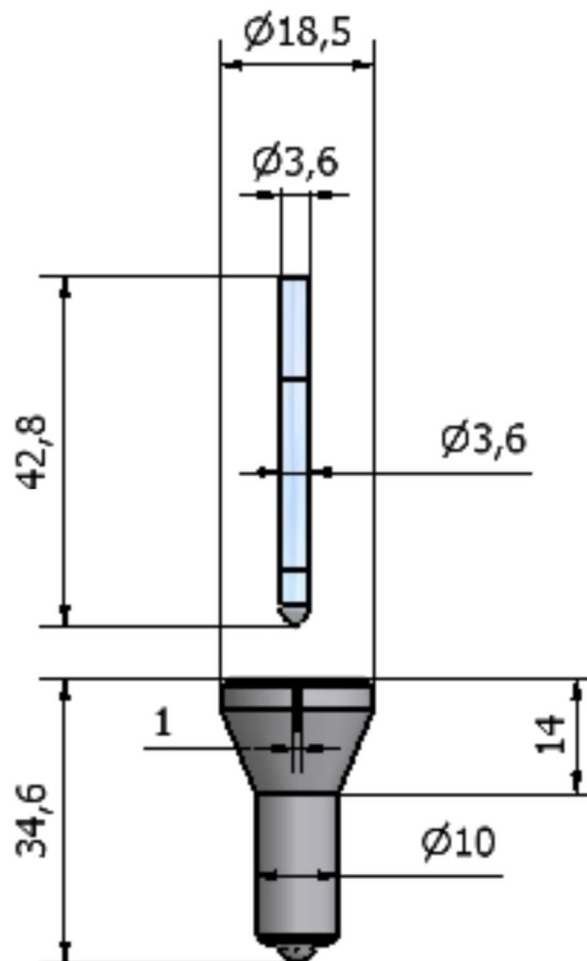
CTRF 2023 application 35..E

Part number 250-1311

392-0211

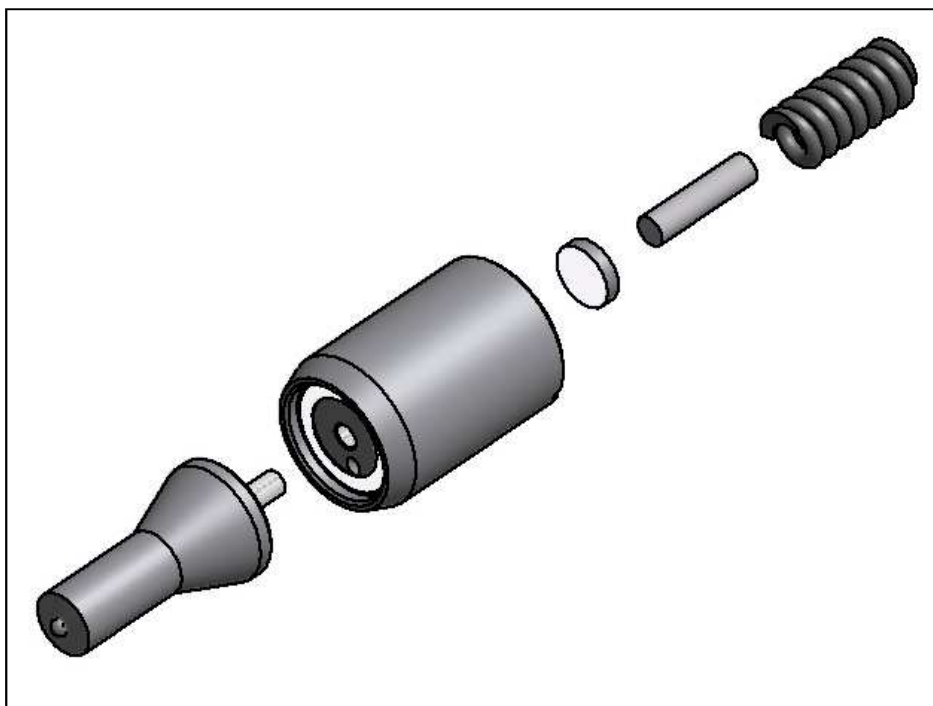
392-0214

10R-1290



N° HOLES = 8

GRUPPI POLVERIZZATORE **NOZZLE GROUPS 3500E - 3508E - 3512E - 3516E**



INJECTOR REF.	NOZZLE GROUP
250-1311 / 392-0211 392-0214 / 10R-1290	CTRF9521
20R-0849 / 20R-1275	CTRF9522
392-0200 / 20R-1264	CTRF9523
392-0213 / 20R-0850	CTRF9524
392-0206 / 20R-1270	CTRF9525
392-0219 / 20R-1280	CTRF9526
392-0217 / 20R-1278	CTRF9527
392-0218 / 20R-1279	CTRF9531
392-0225 / 20R-3247	CTRF9542

SERIE GUARNIZIONI INTERNA - INTERNAL O-RING GASKET KIT

adattabile per

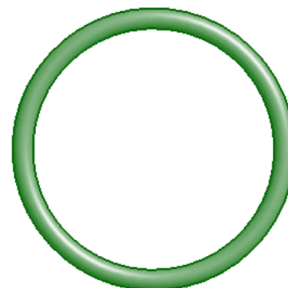
suitable for

CATERPILLAR SERIES 35..E

1 209 829

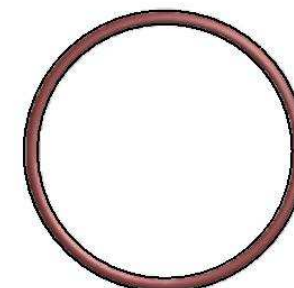

GUARNIZIONE - GASKET (NERO - BLACK) -
Q.TY 1

REDAT CODE 1 209 233



O-RING (VERDE OLIVA - OLIVE GREEN) -
Q.TY 1

REDAT CODE 1 209 189



O-RING (MARRONE - BROWN) - Q.TY 1

REDAT CODE 1 209 831



VITE TCEI M3 x 12 - SCREW TCEI M3 x 12
Q.TY 2

REDAT CODE 1 203 508



VITE TCEI M3 x 25 - SCREW TCEI M3 x 25
Q.TY 1

REDAT CODE 1 209 221



VITE TCEI M3 x 30 - SCREW TCEI M3 x 30
Q.TY 4

REDAT CODE 1 209 238

SERIE GUARNIZIONI INTERNA - INTERNAL O-RING SEAL KIT

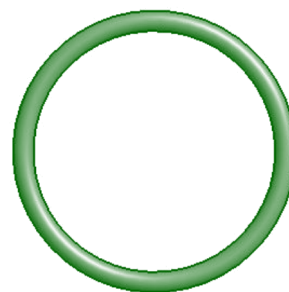
adattabile per

suitable for

CATERPILLAR SERIES 35..E**1 210 476**

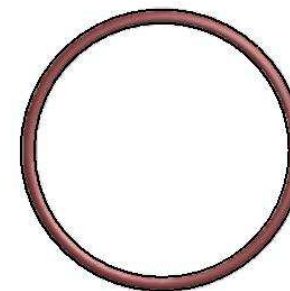
GUARNIZIONE - GASKET (NERO - BLACK) -
Q.TY 1

REDAT CODE 1 209 233



O-RING (VERDE OLIVA-OLIVE GREEN) -
Q.TY 1

REDAT CODE 1 209 189



O-RING (MARRONE - BROWN) - Q.TY 1

REDAT CODE 1 209 831



VITE TCEI M3 x 16 - SCREW TCEI M3 x 16
Q.TY 2

REDAT CODE 1 209 239



VITE TCEI M3 x 30 - SCREW TCEI M3 x 30
Q.TY 4

REDAT CODE 1 209 554



VITE TCEI M3 x 35 - SCREW TCEI M3 x 35
Q.TY 1

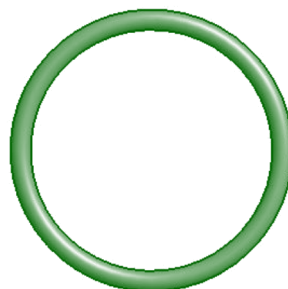
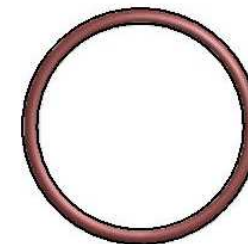
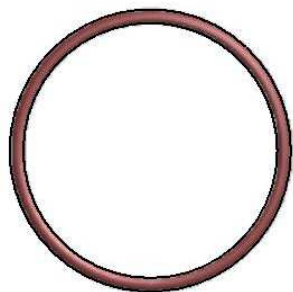
REDAT CODE 1 209 447

SERIE GUARNIZIONI INTERNA - INTERNAL GASKET KIT

adattabile per

suitable for

CATERPILLAR SERIES 35..E

GUARNIZIONE - GASKET (NERO - BLACK) - Q.TY 1
REDAT CODE 1 209 233

O-RING (VERDE OLIVA - OLIVE GREEN) - Q.TY 1
REDAT CODE 1 209 189

O-RING (MARRONE - BROWN) - Q.TY 1
REDAT CODE 1 208 761

O-RING (MARRONE - BROWN) - Q.TY 1
REDAT CODE 1 209 831

VITE TCEI M3 x 30 - SCREW TCEI M3 x 30 - Q.TY 4
REDAT CODE 1 209 554

VITE - SCREW TCEI M3 x 35 - Q.TY 1
REDAT CODE 1 209 447

**VITE - SCREW TCEI M3 x 16
Q.TY 2**
REDAT CODE 1 209 239

SERIE GUARNIZIONI INTERNA - INTERNAL O-RING SEAL KIT

adattabile per

suitable for

CATERPILLAR SERIES 35..E



1 209 553



GUARNIZIONE - GASKET (NERO - BLACK) - Q.TY 1

REDAT CODE 1 209 233



O-RING (VERDE OLIVA-OLIVE GREEN) - Q.TY 1

REDAT CODE 1 209 189

SERIE GUARNIZIONI ESTERNA - *EXTERNAL O-RING SEAL KIT*

adattabile per

suitable for

CATERPILLAR SERIES 35..E

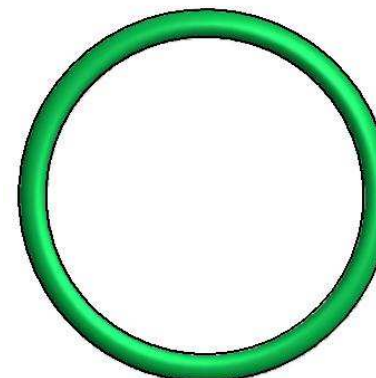


1 209 830



O-RING (BLU SCURO - *DARK BLUE*) - Q.TY 1

REDAT CODE 1 209 833



O-RING (VERDE - *GREEN*) - Q.TY 1

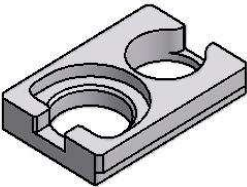
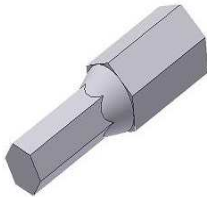
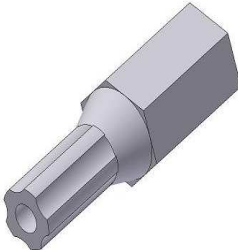
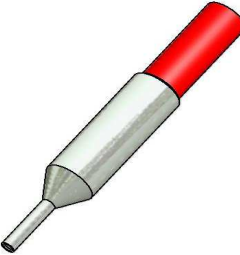
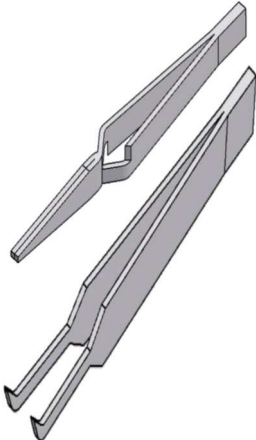
REDAT CODE 1 209 832

CASSETTA ATTREZZI MONTAGGIO / SMONTAGGIO CATERPILLAR 3500E - 3508E - 3512E - 3516E
COMPLETE TOOL SET FOR CATERPILLAR 3500E - 3508E - 3512E - 3516E ASSEMBLING / DISASSEMBLING



4 010 917



	BLOCCHETTO DI FISSAGGIO INIETTORE INJECTOR FIXING JIG	 4 021 286	 Q.TY 3	INSERTI 1/4" INSERTS 1/4" CHIAVE ESAG. 3 mm EXAG. KEY 3 mm CHIAVE ESAG. 2,5 mm KEY 2,5 mm	 4 021 077 4 021 078
	ATTREZZO PROVA POLVERIZZATORE NOZZLE TESTING TOOL	4 021 288	 Q.TY 3	INSERTO 1/4" - TORX TX10 TORX TX10 - 1/4" INSERTS	4 021 167
	INSERTORE SFERA BALL INSERTER	4 021 076			
	ATTREZZO MONTAGGIO/ SMONTAGGIO DADO POLVERIZZATORE NOZZLE NUT ASSEMBLING / DISASSEMBLING TOOL	4 021 287 4 021 185	KIT PINZETTE DI PRECISIONE PRECISION TWEEZERS KIT 4 010 901		

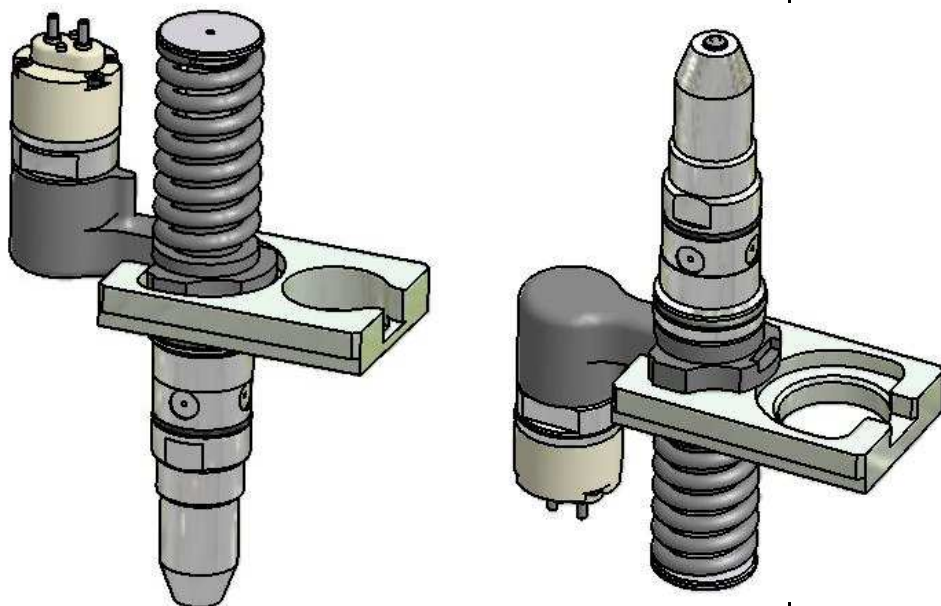
MODO DI UTILIZZO DEGLI ATTREZZI PRESENTI NELLA CASSETTA



Consente il bloccaggio dell' iniettore per le fasi di montaggio/smontaggio componenti.

Allows to hold the injector to assemble / disassemble the parts.

4 021 286



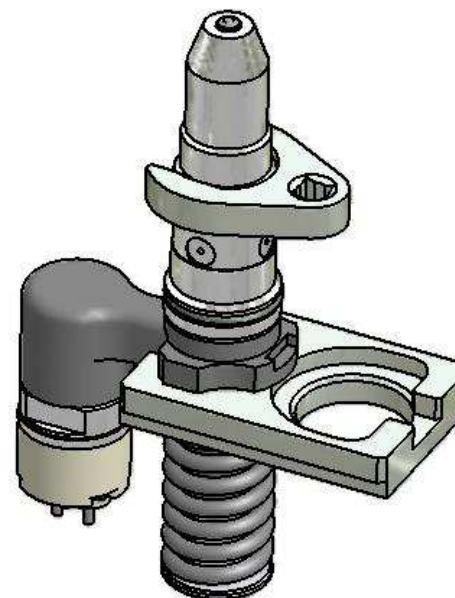
USE OF THE TOOLS CONTAINED IN THE BOX



Consente il montaggio/smontaggio del dado polverizzatore.

Allows to mount / unmount the nozzle holding nut

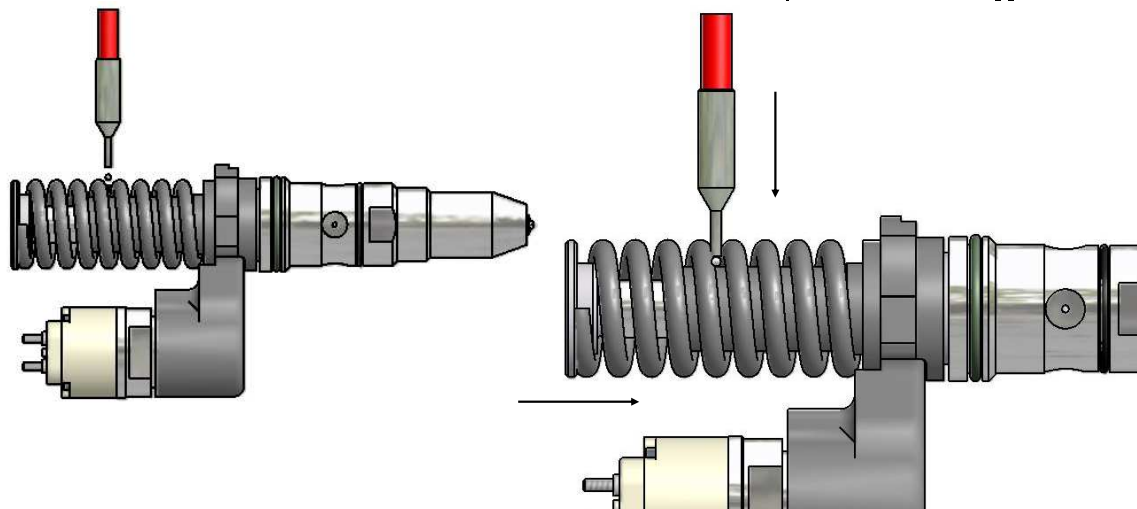
**4 021 287
&
4 021 185**



MODO DI UTILIZZO DEGLI ATTREZZI PRESENTI NELLA CASSETTA



USE OF THE TOOLS CONTAINED IN THE BOX



4 021 076



4 021 288

Consente di assemblare il gruppo pompante esercitando una pressione sulla sfera appoggiata su una molla

Allows to assemble the element group applying a pressure on the spring mounted sphere.

Consente di eseguire la prova di polverizzazione dell'iniettore.

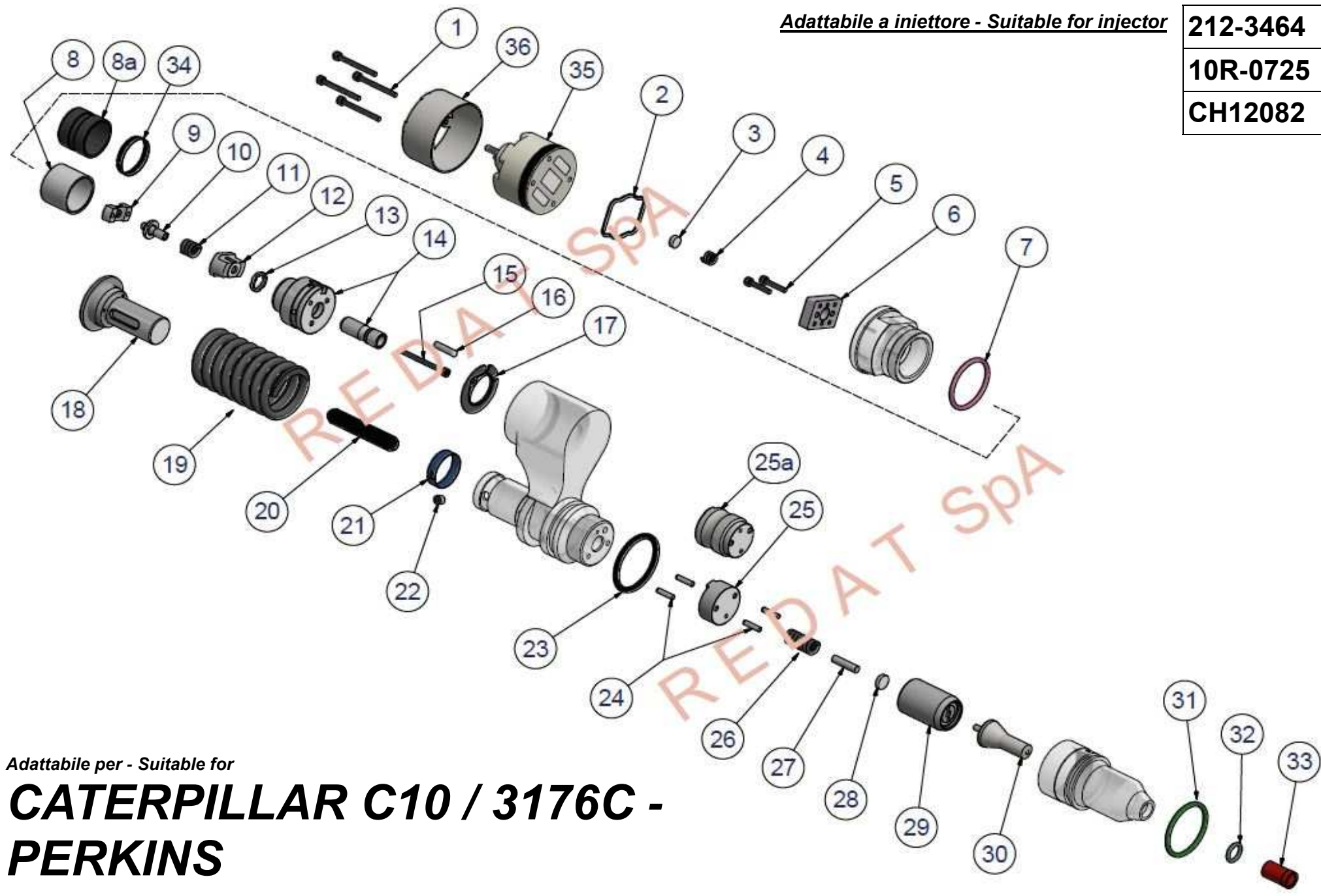
Allows to perform the injector spray test.

Adattabile a iniettore - Suitable for injector

212-3464

10R-0725

CH12082



CATERPILLAR C10 / 3176C - PERKINS

K = ITEM INCLUDED IN KIT

RIF.	REDAT	ORIGIN.	Q.TY	DESCRIZIONE	DESCRIPTION	RIF.	REDAT	ORIGIN.	Q.TY	DESCRIZIONE	DESCRIPTION
1	1 209 554		4	VITE M3x30 Torx	SOLENOID SCREW Torx K	9	1 209 455		1	PIASTRA	PLATE
2	1 209 233		1	O-RING	O-RING K	10	1 209 457		1	PERNO	SUPPORT
3	1 209 481		1	SPESSORE Sp. 2,3	SHIMS h. 2,3	11	1 209 222		1	MOLLA	SPRING
	1 209 482		1	SPESSORE Sp. 2,4	SHIM h. 2,4	12	1 209 454		1	BOCCOLA	BUSH
	1 209 483		1	SPESSORE Sp. 2,5	SHIM h. 2,5	13	1 211 882		1	RONDELLA ACCIAIO Sp. 1,90	STEEL WASHER h. 1,90
	1 209 484		1	SPESSORE Sp. 2,6	SHIM h. 2,6		1 211 883		1	RONDELLA ACCIAIO Sp. 1,91	STEEL WASHER h. 1,91
	1 209 485		1	SPESSORE Sp. 2,7	SHIM h. 2,7		1 211 884		1	RONDELLA ACCIAIO Sp. 1,92	STEEL WASHER h. 1,92
	1 209 456		1	SPESSORE Sp. 2,8	SHIM h. 2,8		1 211 885		1	RONDELLA ACCIAIO Sp. 1,93	STEEL WASHER h. 1,93
	1 209 486		1	SPESSORE Sp. 2,9	SHIM h. 2,9		1 211 886		1	RONDELLA ACCIAIO Sp. 1,94	STEEL WASHER h. 1,94
	1 209 487		1	SPESSORE Sp. 3	SHIM h. 3		1 211 887		1	RONDELLA ACCIAIO Sp. 1,95	STEEL WASHER h. 1,95
3	1 210 646		80	KIT SPESSORI DI COMPENSAZIONE	SHIMS KIT		1 211 888		1	RONDELLA ACCIAIO Sp. 1,96	STEEL WASHER h. 1,96
4	1 209 448		1	MOLLA	SPRING		1 211 889		1	RONDELLA ACCIAIO Sp. 1,97	STEEL WASHER h. 1,98
5	1 209 239		2	VITE M3x16	SCREW K		1 211 890		1	RONDELLA ACCIAIO Sp. 1,98	STEEL WASHER h. 1,98
6	1 213 129		1	PIASTRA SOLENOIDE Sp.6,72	SOLENOID PLATE Th. 6,72		1 209 458		1	RONDELLA ACCIAIO Sp. 1,99	STEEL WASHER h. 1,99
	1 213 130		1	PIASTRA SOLENOIDE Sp.6,74	SOLENOID PLATE Th. 6,74		1 211 891		1	RONDELLA ACCIAIO Sp. 2,00	STEEL WASHER h. 2,00
	1 213 131		1	PIASTRA SOLENOIDE Sp.6,76	SOLENOID PLATE Th. 6,76		1 211 892		1	RONDELLA ACCIAIO Sp. 2,01	STEEL WASHER h. 2,01
	1 213 132		1	PIASTRA SOLENOIDE Sp.6,78	SOLENOID PLATE Th. 6,78		1 211 893		1	RONDELLA ACCIAIO Sp. 2,02	STEEL WASHER h. 2,02
	1 209 453		1	PIASTRA SOLENOIDE Sp.6,80	SOLENOID PLATE Th. 6,80		1 211 894		1	RONDELLA ACCIAIO Sp. 2,03	STEEL WASHER h. 2,03
	1 213 133		1	PIASTRA SOLENOIDE Sp.6,82	SOLENOID PLATE Th. 6,82		1 211 895		1	RONDELLA ACCIAIO Sp. 2,04	STEEL WASHER h. 2,04
	1 213 134		1	PIASTRA SOLENOIDE Sp.6,84	SOLENOID PLATE Th. 6,84		1 211 896		1	RONDELLA ACCIAIO Sp. 2,05	STEEL WASHER h. 2,05
	1 213 135		1	PIASTRA SOLENOIDE Sp.6,86	SOLENOID PLATE Th. 6,86	13	1 211 881		160	KIT RONDELLE	WASHERS KIT for CAT
6	1 213 128		40	KIT PIASTRE SOLENOIDE	SOLENOID PLATES KIT	14	1 210 693		1	VALVOLA	VALVE
7	1 208 721		1	O-RING per CAT	O-RING for CAT K		1 210 655		1	VALVOLA	VALVE
	1 210 668		1	O-RING per PERKINS	O-RING for PERKINS		1 212 668		1	VALVOLA	VALVE
8	1 210 477		1	DISTANZIALE per CAT	SPACER for CAT		1 214 620		1	VALVOLA	VALVE
8a	1 209 451		1	DISTANZIALE per PERKINS	SPACER for PERKINS	15	1 209 447		1	VITE M3x35	SCREW K
						16	1 209 217		1	SPINA	PIN

VEDI -
SEE PAG.57

CATERPILLAR C10 / 3176C - PERKINS

RIF.	REDAT	ORIGIN.	Q.TY	DESCRIZIONE	DESCRIPTION	RIF.	REDAT	ORIGIN.	Q.TY	DESCRIZIONE	DESCRIPTION
17	1 209 218		1	DISCO	PLATE	27	1 211 897		110	KIT SPINE	PINS KIT
18	1 211 875		1	SUPPORTO POMPANTE per CAT	PUNGER SUPPORT for CAT	27	1 213 698		1	SPINA Sp. 19,05	PIN h. 19,05
	1 212 516		1	SUPPORTO POMPANTE per PERKINS	PUNGER SUPPORT for PERKINS		1 213 699		1	SPINA Sp. 19,10	PIN h. 19,10
19	1 211 877		1	MOLLA per CAT	SPRING for CAT		1 213 700		1	SPINA Sp. 19,15	PIN h. 19,15
	1 212 517		1	MOLLA per PERKINS	SPRING for PERKINS		1 213 701		1	SPINA Sp. 19,20	PIN h. 19,20
20	1 211 876		1	POMPANTE	PLUNGER		1 213 702		1	SPINA Sp. 19,25	PIN h. 19,25
21	1 209 005		1	FASCETTA	BAND		1 213 703		1	SPINA Sp. 19,30	PIN h. 19,30
22	1 211 878		1	PERNO	PIN		1 213 704		1	SPINA Sp. 19,35	PIN h. 19,35
23	1 209 674		1	O-RING per CAT	O-RING for CAT		1 213 705		1	SPINA Sp. 19,40	PIN h. 19,40
	1 208 723	215-3198	1	O-RING per CAT	O-RING for CAT		1 213 706		1	SPINA Sp. 19,45	PIN h. 19,45
	1 209 214	9X-7419	1	O-RING per PERKINS	O-RING for PERKINS		1 213 707		1	SPINA Sp. 19,50	PIN h. 19,50
24	1 209 226		4	SPINA	DOWEL		1 213 708		1	SPINA Sp. 19,55	PIN h. 19,55
25	1 211 879		1	DISTANZIALE per CAT	SPACER for CAT	27	1 213 697		110	KIT SPINE	PINS KIT
25a	1 212 518		1	DISTANZIALE per PERKINS	SPACER for PERKINS	27	1 209 837		1	SPINA Sp. 19,60	PIN h. 19,60
26	1 209 229		1	MOLLA	SPRING		1 210 695		1	SPINA Sp. 19,62	PIN h. 19,62
27	1 211 898		1	SPINA Sp. 18,80	PIN h. 18,80		1 210 696		1	SPINA Sp. 19,64	PIN h. 19,64
	1 211 899		1	SPINA Sp. 18,82	PIN h. 18,82		1 210 697		1	SPINA Sp. 19,66	PIN h. 19,66
	1 211 900		1	SPINA Sp. 18,84	PIN h. 18,84		1 210 698		1	SPINA Sp. 19,68	PIN h. 19,68
	1 211 901		1	SPINA Sp. 18,86	PIN h. 18,86		1 210 699		1	SPINA Sp. 19,70	PIN h. 19,70
	1 211 902		1	SPINA Sp. 18,88	PIN h. 18,88		1 210 700		1	SPINA Sp. 19,72	PIN h. 19,72
	1 211 903		1	SPINA Sp. 18,90	PIN h. 18,90		1 210 701		1	SPINA Sp. 19,74	PIN h. 19,74
	1 211 904		1	SPINA Sp. 18,92	PIN h. 18,92		1 210 702		1	SPINA Sp. 19,76	PIN h. 19,76
	1 211 905		1	SPINA Sp. 18,94	PIN h. 18,94		1 212 523		1	SPINA Sp. 19,78	PIN h. 19,78
	1 211 906		1	SPINA Sp. 18,96	PIN h. 18,96		1 212 524		1	SPINA Sp. 19,80	PIN h. 19,80
	1 211 907		1	SPINA Sp. 18,98	PIN h. 18,98		1 212 525		1	SPINA Sp. 19,82	PIN h. 19,82
	1 211 908		1	SPINA Sp. 19,00	PIN h. 19,00		1 212 526		1	SPINA Sp. 19,84	PIN h. 19,84
							1 212 527		1	SPINA Sp. 19,86	PIN h. 19,86

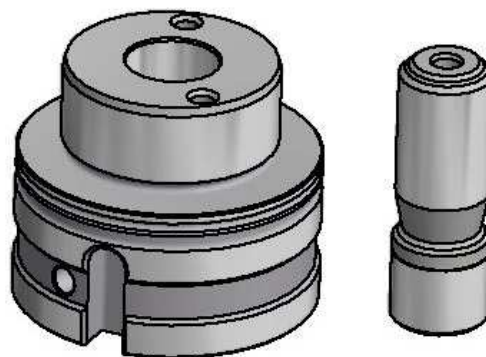
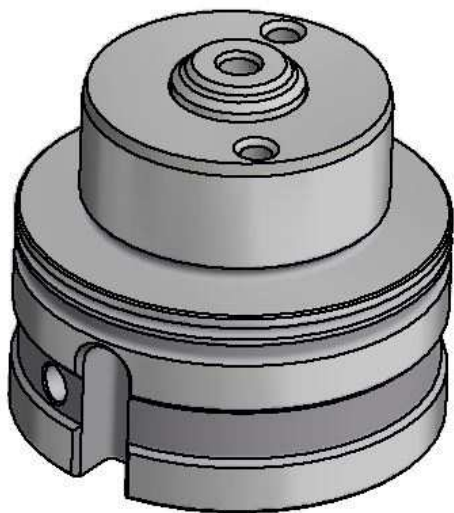
CATERPILLAR C10 / 3176C - PERKINS

RIF.	REDAT	ORIGIN.	Q.TY	DESCRIZIONE	DESCRIPTION	RIF.	REDAT	ORIGIN.	Q.TY	DESCRIZIONE	DESCRIPTION
27	1 210 694		130	KIT SPINE	PINS KIT	28	1 213 530		1	APPOGGIO MOLLA Sp. 2,34	LIFT SPACER h. 2,34
28	1 211 524		1	APPOGGIO MOLLA Sp. 1,3	LIFT SPACER h. 1,3		1 213 531		1	APPOGGIO MOLLA Sp. 2,36	LIFT SPACER h. 2,36
	1 211 525		1	APPOGGIO MOLLA Sp. 1,4	LIFT SPACER h. 1,4		1 213 532		1	APPOGGIO MOLLA Sp. 2,38	LIFT SPACER h. 2,38
	1 211 526		1	APPOGGIO MOLLA Sp. 1,5	LIFT SPACER h. 1,5		1 213 533		1	APPOGGIO MOLLA Sp. 2,40	LIFT SPACER h. 2,40
	1 211 527		1	APPOGGIO MOLLA Sp. 1,6	LIFT SPACER h. 1,6		1 213 534		1	APPOGGIO MOLLA Sp. 2,42	LIFT SPACER h. 2,42
	1 211 528		1	APPOGGIO MOLLA Sp. 1,7	LIFT SPACER h. 1,7		1 213 535		1	APPOGGIO MOLLA Sp. 2,44	LIFT SPACER h. 2,44
	1 211 529		1	APPOGGIO MOLLA Sp. 1,8	LIFT SPACER h. 1,8		1 213 536		1	APPOGGIO MOLLA Sp. 2,46	LIFT SPACER h. 2,46
	1 211 530		1	APPOGGIO MOLLA Sp. 1,9	LIFT SPACER h.1,9		1 213 537		1	APPOGGIO MOLLA Sp. 2,48	LIFT SPACER h. 2,48
	1 209 476		1	APPOGGIO MOLLA Sp. 2	LIFT SPACER h. 2		1 213 538		1	APPOGGIO MOLLA Sp. 2,50	LIFT SPACER h. 2,50
	1 209 477		1	APPOGGIO MOLLA Sp. 2,1	LIFT SPACER h. 2,1	28	1 213 517		210	KIT APPOGGIO MOLLA	LIFT SPACERS KIT
	1 209 228		1	APPOGGIO MOLLA Sp. 2,2	LIFT SPACER h. 2,2	29	1 211 880		1	BOCCOLA per CAT	BUSH for CAT
	1 209 478		1	APPOGGIO MOLLA Sp. 2,3	LIFT SPACER h.2,3		1 212 519		1	BOCCOLA per PERKINS	BUSH for PERKINS
	1 209 479		1	APPOGGIO MOLLA Sp. 2,4	LIFT SPACER h. 2,4	30	CTRF2022 CTRF2025 CTRF2032	SEE PAGE 58 - 59	1	POLVERIZZATORE	NOZZLE
	1 209 480		1	APPOGGIO MOLLA Sp. 2,5	LIFT SPACER h. 2,5	31	1 208 722		1	O-RING per CAT	O-RING for CAT K
28	1 210 648		130	KIT APPOGGIO MOLLA	LIFT SPACERS KIT		1 212 513	119-8784	1	O-RING per PERKINS	O-RING for PERKINS K
28	1 213 518		1	APPOGGIO MOLLA Sp. 2,10	LIFT SPACER h. 2,10	32	1 208 720		1	O-RING per CAT	O-RING for CAT K
	1 213 519		1	APPOGGIO MOLLA Sp. 2,12	LIFT SPACER h. 2,12		1 209 459	9X-7317	1	O-RING per PERKINS	O-RING for PERKINS K
	1 213 520		1	APPOGGIO MOLLA Sp. 2,14	LIFT SPACER h. 2,14	33	1 204 409		1	TAPPO DI PROTEZIONE	PLASTIC CAP
	1 213 521		1	APPOGGIO MOLLA Sp. 2,16	LIFT SPACER h. 2,16	34	1 209 452		1	FASCETTA per PERKINS	BAND for PERKINS
	1 213 522		1	APPOGGIO MOLLA Sp. 2,18	LIFT SPACER h. 2,18	35	1 212 575		1	SOLENOIDE	SOLENOID
	1 213 523		1	APPOGGIO MOLLA Sp. 2,20	LIFT SPACER h. 2,20	36	1 214 623		1	RIPARO per SOLENOIDE	SOLENOID CARTER
	1 213 524		1	APPOGGIO MOLLA Sp. 2,22	LIFT SPACER h. 2,22						
	1 213 525		1	APPOGGIO MOLLA Sp. 2,24	LIFT SPACER h. 2,24						
	1 213 526		1	APPOGGIO MOLLA Sp. 2,26	LIFT SPACER h. 2,26						
	1 213 527		1	APPOGGIO MOLLA Sp. 2,28	LIFT SPACER h. 2,28						
	1 213 528		1	APPOGGIO MOLLA Sp. 2,30	LIFT SPACER h. 2,30						
	1 213 529		1	APPOGGIO MOLLA Sp. 2,32	LIFT SPACER h. 2,32						

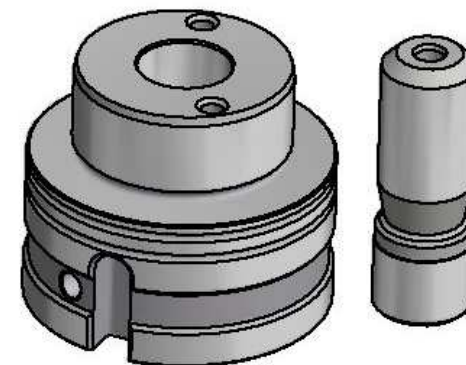
CATERPILLAR C10 / 3176C - PERKINS

RIF.	REDAT	ORIGIN.	Q.TY	DESCRIZIONE	DESCRIPTION	RIF.	REDAT	ORIGIN.	Q.TY	DESCRIZIONE	DESCRIPTION
KIT GUARNIZIONI INTERNE / INTERNAL KIT 1 211 910 per / for CAT						KIT GUARNIZIONI INTERNE / INTERNAL KIT 1 212 520 per / for PERKINS					
1	1 209 554		4	VITE M3x30 Torx	SOLENOID SCREW Torx	1	1 209 554		4	VITE M3x30 Torx	SOLENOID SCREW Torx
2	1 209 233		1	O-RING	O-RING	2	1 209 233		1	O-RING	O-RING
5	1 209 239		2	VITE M3x16	SCREW	5	1 209 239		2	VITE M3x16	SCREW
7	1 208 721		1	O-RING	O-RING	7	1 210 668		1	O-RING	O-RING
15	1 209 447		1	VITE M3x35	SCREW	15	1 209 447		1	VITE M3x35	SCREW
KIT GUARNIZIONI INTERNE / INTERNAL KIT 1 211 909 per / for CAT						KIT GUARNIZIONI INTERNE / INTERNAL KIT 1 212 521 per / for PERKINS					
2	1 209 233		1	O-RING	O-RING	2	1 209 233		1	O-RING	O-RING
7	1 208 721		1	O-RING	O-RING	7	1 210 668		1	O-RING	O-RING
KIT GUARNIZIONI ESTERNE / EXTERNAL KIT 1 208 719 per / for CAT						KIT GUARNIZIONI ESTERNE / EXTERNAL KIT 1 212 522 per / for PERKINS					
7	1 208 721		1	O-RING	O-RING	23	1 209 214	9X-7419	1	O-RING	O-RING
23	1 209 674		1	O-RING	O-RING	31	1 212 513	119-8784	1	O-RING	O-RING
31	1 208 722		1	O-RING	O-RING	32	1 209 459	9X-7317	1	O-RING	O-RING
32	1 208 720		1	O-RING	O-RING						
KIT GUARNIZIONI ESTERNE / EXTERNAL KIT 1 212 514 CAT 224-5797											
23	1 208 723	215-3198	1	O-RING	O-RING						
31	1 212 513	119-8784	1	O-RING	O-RING						
32	1 209 459	9X-7317	1	O-RING	O-RING						

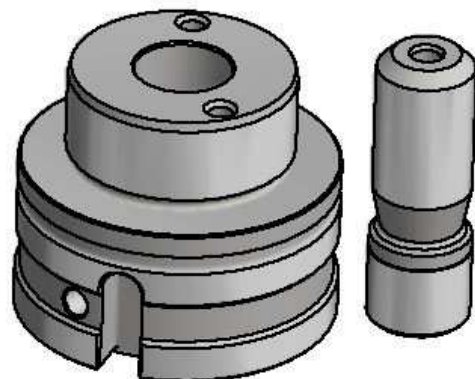
VALVOLE CATERPILLAR / PERKINS CATERPILLAR / PERKINS VALVES


1 214 620

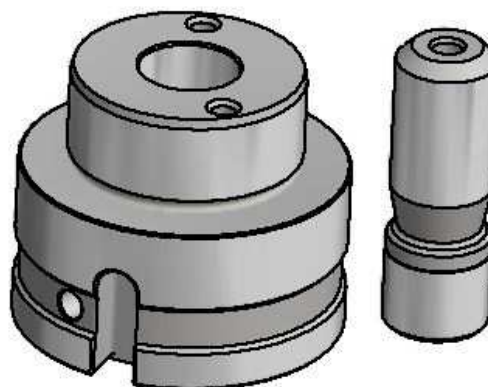
adattabile per - suitable for:
CAT 253-0615 - CAT 423-7547


1 210 655

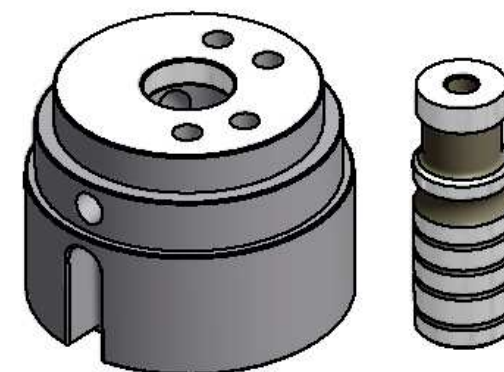
adattabile per - suitable for:
CAT 249-0713 - CAT 291-5911 -
CAT 10R-1290 - CAT 20R-2284 - CAT 20R-2285 -
PERKINS CH 12082


1 212 668

adattabile per - suitable for:
CAT 211-3023 - CAT 10R-8988 - PERKINS CH 10948 -
PERKINS CH 12071


1 210 693

adattabile per - suitable for:
CAT 211-3024 - CAT 212-3464 -
CAT 10R-0725

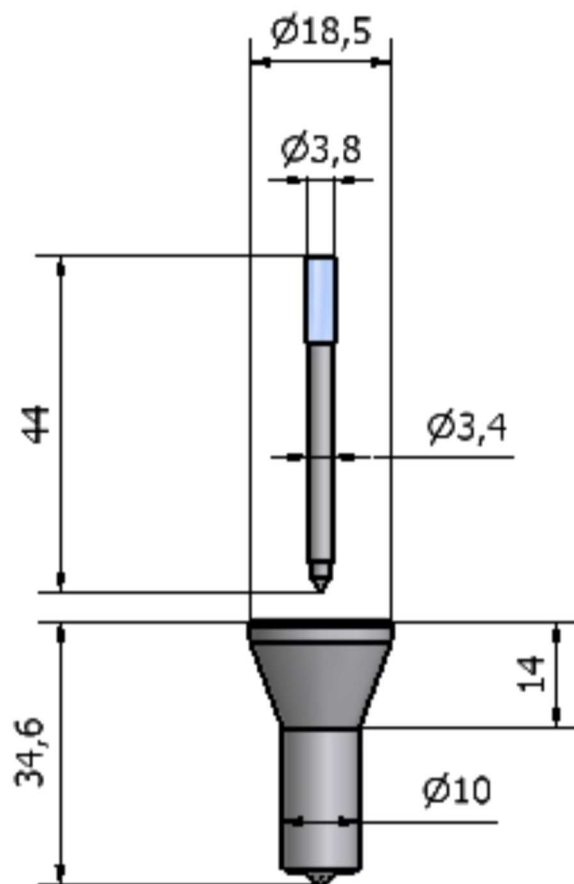

1 210 692

adattabile per - suitable for:
CAT 0R-4893 - CAT 20R-1275

NOZZLES suitable for CATERPILLAR

CTRF2022 application C10 / 3176C

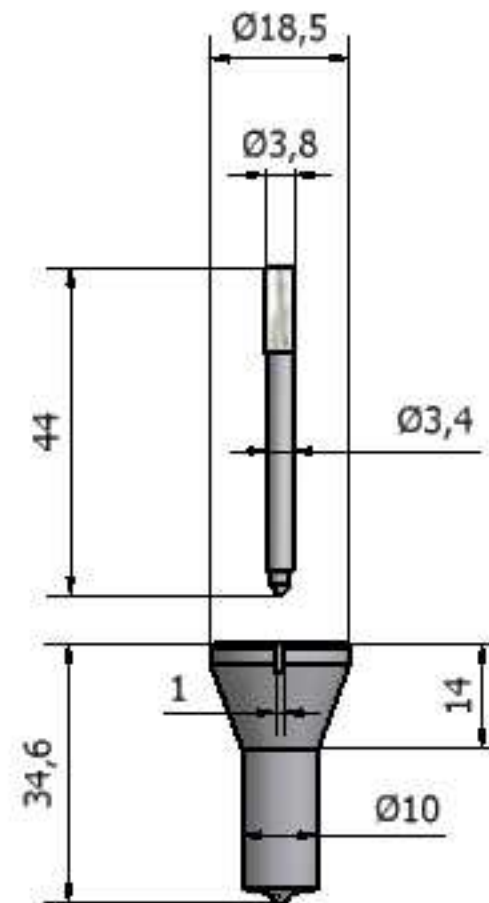
Part number 212-3464



N° HOLES = 8

CTRF2025 application PERKINS

Part number CH12082

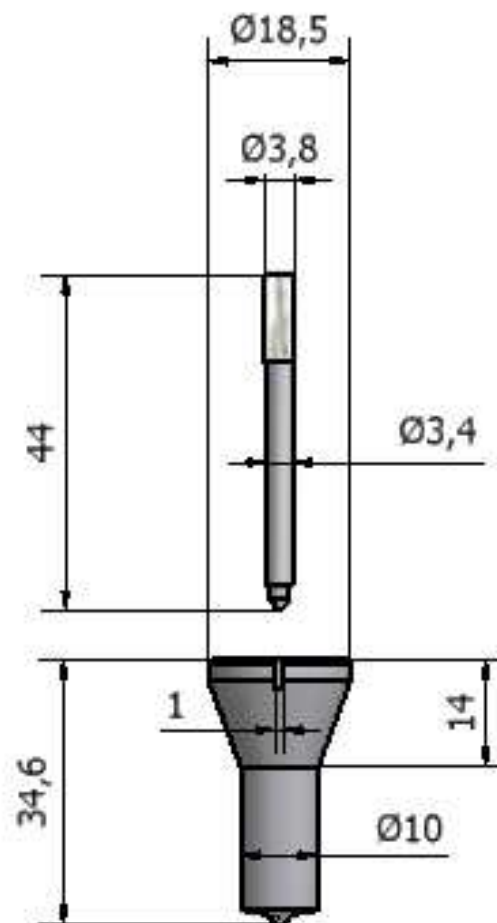


N° HOLES = 6

NOZZLES suitable for CATERPILLAR

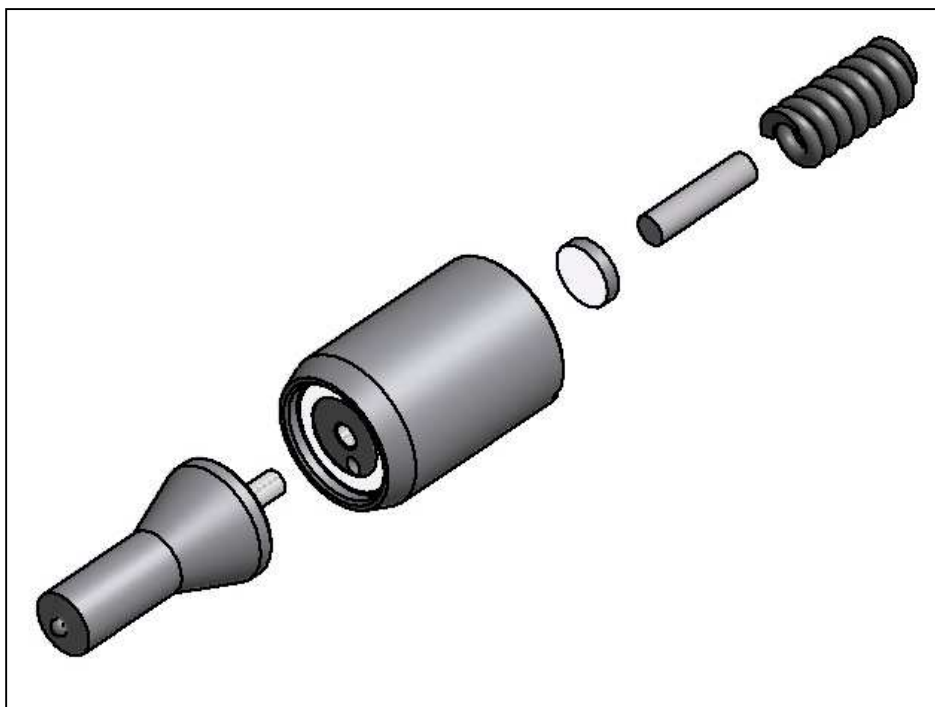
CTRF2032 application C10 / 3176C

Part number 10R-0725



N° HOLES = 8

GRUPPI POLVERIZZATORE NOZZLE GROUPS C10 / 3176C

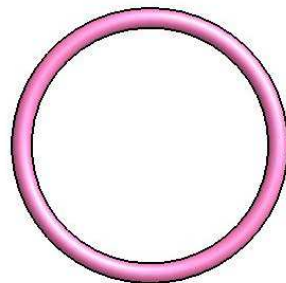


INJECTOR REF.	NOZZLE GROUP
212-3463 / 10R-0963	CTRF9504
212-3467 / 10R-1259	CTRF9514
212-3464	CTRF9533
10R-0725	CTRF9534
CH12082	CTRF9535

SERIE GUARNIZIONI INTERNA PER INIETTORE - INTERNAL GASKET KIT

adattabile per

suitable for

CATERPILLAR 3176C**1 211 910****GUARNIZIONE - GASKET (NERO - BLACK) -
Q.TY 1****REDAT CODE 1 209 233****O-RING (ROSA - PINK) - Q.TY 1****REDAT CODE 1 208 721****VITE TCEI M3 x 35 - SCREW TCEI M3 x 35
Q.TY 1****REDAT CODE 1 209 447****VITE TCEI M3 x 16 - SCREW TCEI M3 x 16
Q.TY 2****REDAT CODE 1 209 239****VITE TCEI M3 x 30 - SCREW TCEI M3 x 30
Q.TY 4****REDAT CODE 1 209 554**

SERIE GUARNIZIONI INTERNA PER INIETTORE - INTERNAL GASKET KIT

*adattabile per
suitable for*

CATERPILLAR 3176C

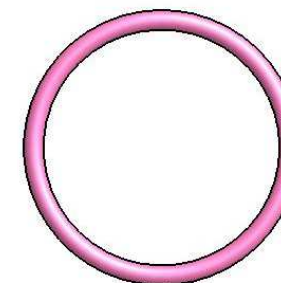


1 211 909



GUARNIZIONE - GASKET (NERO - BLACK) - Q.TY 1

REDAT CODE 1 209 233

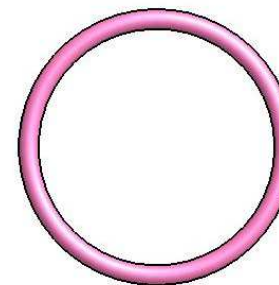
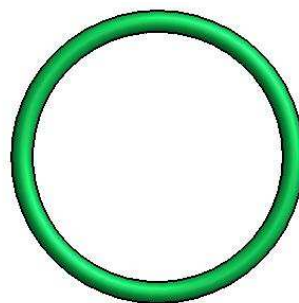
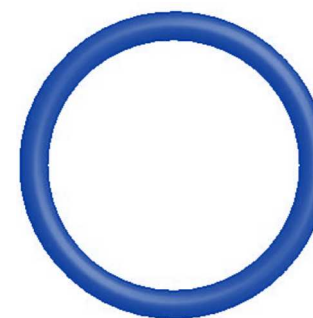


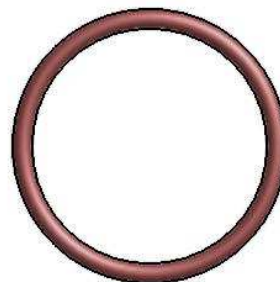
O-RING (ROSA - PINK) - Q.TY 1

REDAT CODE 1 208 721

SERIE GUARNIZIONI ESTERNA PER INIETTORI - EXTERNAL SEAL KIT
adattabile per
suitable for
CATERPILLAR 3176 - 3196

1 208 719

O-RING (VERDE SCURO - DARK GREEN) - Q.TY 1
REDAT CODE 1 208 720

O-RING (ROSA - PINK) - Q.TY 1
REDAT CODE 1 208 721

O-RING (VERDE - GREEN) - Q.TY 1
REDAT CODE 1 208 722

O-RING (BLU SCURO - DARK BLUE) - Q.TY 1
REDAT CODE 1 209 674

SERIE GUARNIZIONI INTERNA PER INIETTORE - *INTERNAL GASKET KIT*adattabile per
suitable for **PERKINS****1 212 520****GUARNIZIONE - GASKET (NERO - BLACK) -
Q.TY 1****REDAT CODE 1 209 233****O-RING (MARRONE - BROWN) - Q.TY 1****REDAT CODE 1 210 668****VITE TCEI M3 x 35 - SCREW TCEI M3 x 35
Q.TY 1****REDAT CODE 1 209 447****VITE TCEI M3 x 16 - SCREW TCEI M3 x 16
Q.TY 2****REDAT CODE 1 209 239****VITE TCEI M3 x 30 - SCREW TCEI M3 x 30
Q.TY 4****REDAT CODE 1 209 554**

SERIE GUARNIZIONI INTERNA PER INIETTORE - INTERNAL GASKET KIT

adattabile per
suitable for **PERKINS**



1 212 521



GUARNIZIONE - GASKET (NERO - BLACK) - Q.TY 1

REDAT CODE 1 209 233



O-RING (MARRONE - BROWN) - Q.TY 1

REDAT CODE 1 210 668

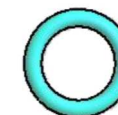
SERIE GUARNIZIONI INTERNA PER INIETTORE - *INTERNAL GASKET KIT*

adattabile per
suitable for **PERKINS**

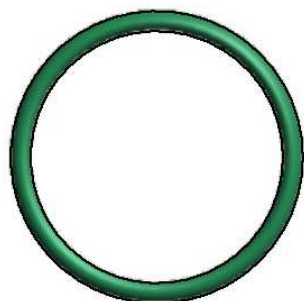
1 212 522

O-RING (BLU SCURO - *DARK BLUE*) - Q.TY 1

REDAT CODE 1 209 214


O-RING (AZZURRO - *AZURE*) - Q.TY 1

REDAT CODE 1 209 459

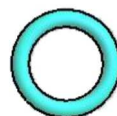
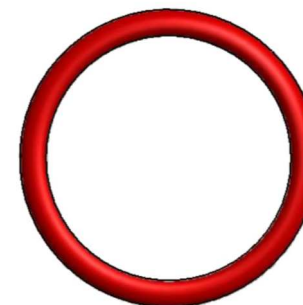
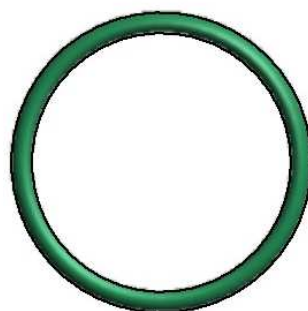

O-RING (VERDE - *GREEN*) - Q.TY 1

REDAT CODE 1 212 513

SERIE GUARNIZIONI ESTERNA PER INIETTORI - EXTERNAL SEAL KIT

adattabile per
suitable for

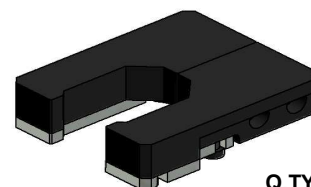
CATERPILLAR 224-5797

1 212 514

O-RING (AZZURRO - AZURE) - Q.TY 1
REDAT CODE 1 209 459

O-RING (ARANCIONE - ORANGE) - Q.TY 1
REDAT CODE 1 208 723

O-RING (VERDE - GREEN) - Q.TY 1
REDAT CODE 1 212 513

CASSETTA ATTREZZI MONTAGGIO/SMONTAGGIO CATERPILLAR C10 / 3176C **COMPLETE TOOL SET FOR CATERPILLAR C10 / 3176C ASSEMBLING/DIDASSEMBLING**



4 010 946



Q.TY 1

BLOCCETTO FISSAGGIO INIETTORE
 INJECTOR FIXING JIG

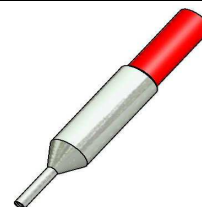
4 021 510



Q.TY 1

ATTREZZO PROVA POLVERIZZATORE
 NOZZLE TESTING TOOL

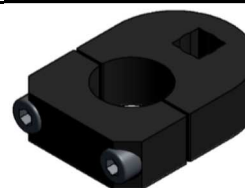
4 021 602



Q.TY 1

ESTRATTORE / INSERITORE PERNO
 PIN INSERTER / EXTRACTOR

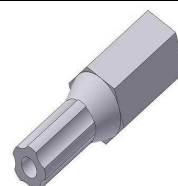
4 021 076



Q.TY 1

ATTREZZO DI MONTAGGIO / SMONTAGGIO
 DADO POLVERIZZATORE
 NOZZLE NUT ASSEMBLING /
 DISASSEMBLING TOOL

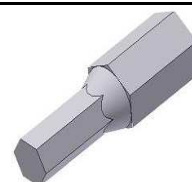
4 021 080



Q.TY 3

INSERTO 1/4" - TORX 10
 TORX TX10 - 1/4" INSERT

4 021 167



Q.TY 3

INSERTO 1/4" ESAG. CH= 2,5- TORX TX20
 HEX. CH= 2,5 - 1/4" INSERT

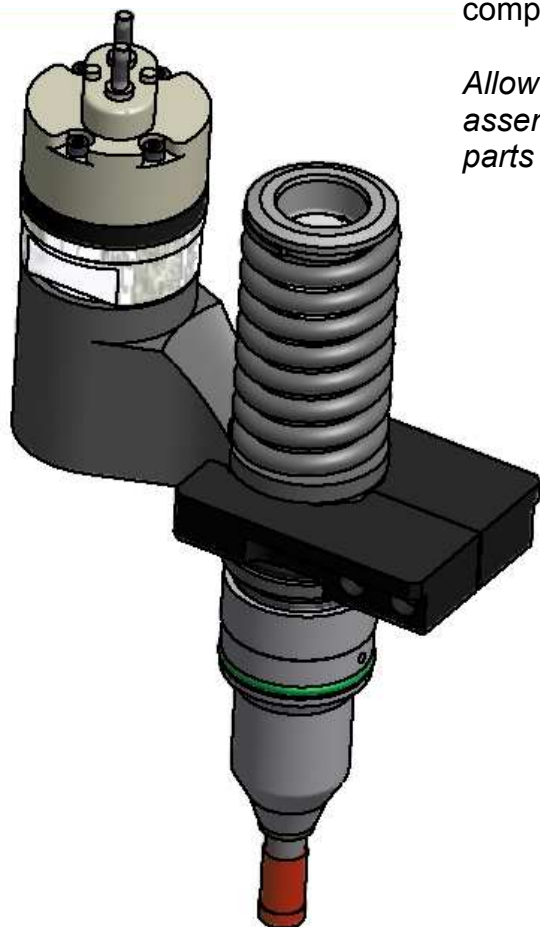
4 021 078

MODO DI UTILIZZO DEGLI ATTREZZI PRESENTI NELLA CASSETTA USE OF THE TOOLS CONTAINED IN THE BOX

4 021 510

Consente il bloccaggio dell'iniettore per le fasi di montaggio/smontaggio componenti.

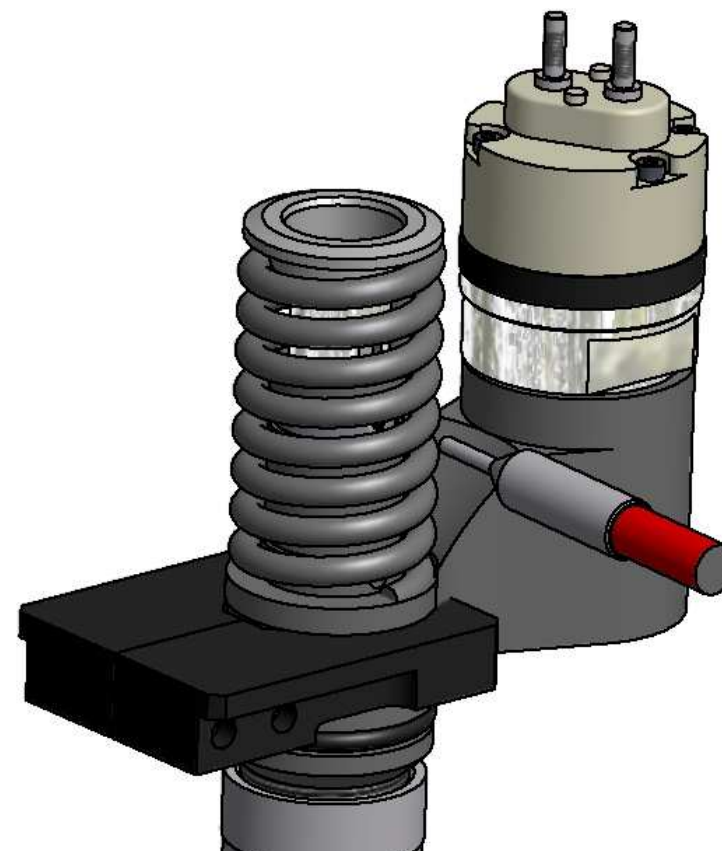
Allows to hold the injector body for the assembling and disassembling of the parts .

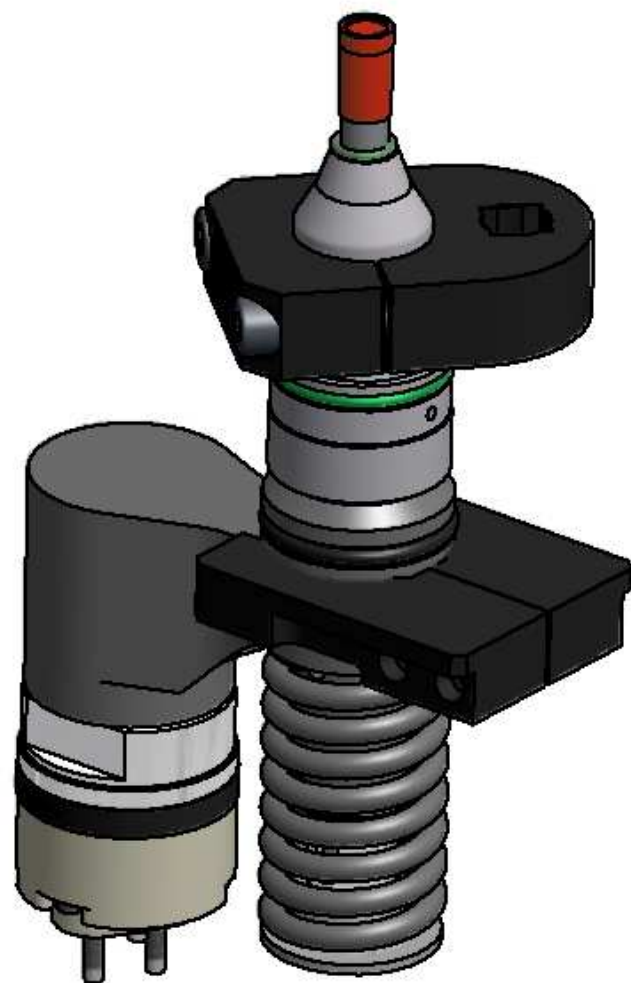


4 021 076

Consente di montare / smontare il perno di bloccaggio della molla

Allows to mount / remove the spring locking pin





 4 021 080

Consente il montaggio/smontaggio del dado polverizzatore.

Allows to assemble and disassemble the nozzle nut.

 4 021 602

Consente di eseguire la prova di polverizzazione dell'iniettore

Allows to perform the spray test of the injector

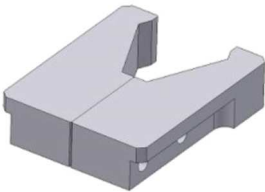
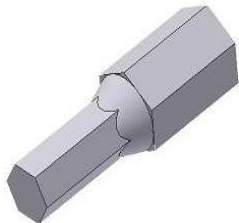
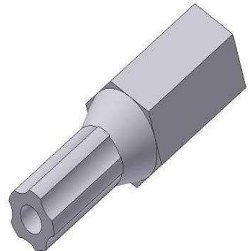
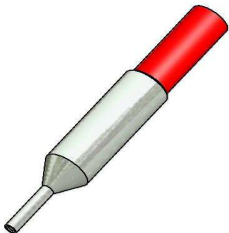
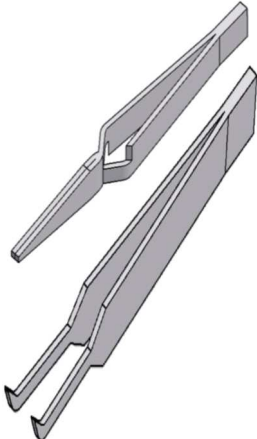
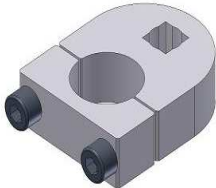


CASSETTA ATTREZZI MONTAGGIO / SMONTAGGIO PERKINS **COMPLETE TOOL SET FOR PERKINS ASSEMBLING / DISASSEMBLING**

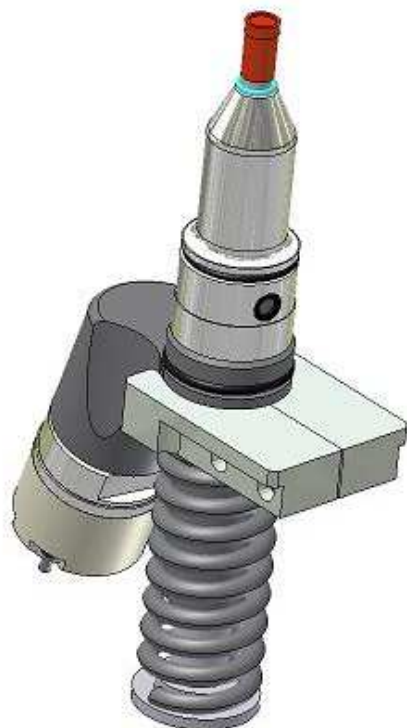


4 010 907



	BLOCCHETTO DI FISSAGGIO INIETTORE INJECTOR FIXING JIG	 4 021 068	 Q.TY 3	INSERTI 1/4" INSERTS 1/4" CHIAVE ESAG. 3 mm EXAG. KEY 3 mm CHIAVE ESAG. 2,5 mm KEY 2,5 mm	 4 021 077 4 021 078
	ATTREZZO PROVA POLVERIZZATORE NOZZLE TESTING TOOL	4 021 079	 Q.TY 3	INSERTO 1/4" - TORX TX10 TORX TX10 - 1/4" INSERTS	4 021 167
	INSERTORE SFERA BALL INSERTER	4 021 076		KIT PINZETTE DI PRECISIONE PRECISION TWEEZERS KIT	4 010 901
	ATTREZZO MONTAGGIO/ SMONTAGGIO DADO POLVERIZZATORE NOZZLE NUT ASSEMBLING / DISASSEMBLING TOOL	4 021 080			

MODO DI UTILIZZO DEGLI ATTREZZI PRESENTI NELLA CASSETTA

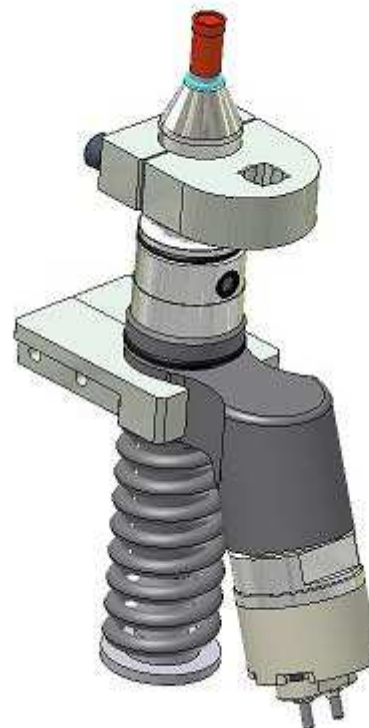


Consente il bloccaggio dell'iniettore per le fasi di montaggio/smontaggio componenti

Allows the blocking of the injector for the assembling and disassembling of the components

4 021 068

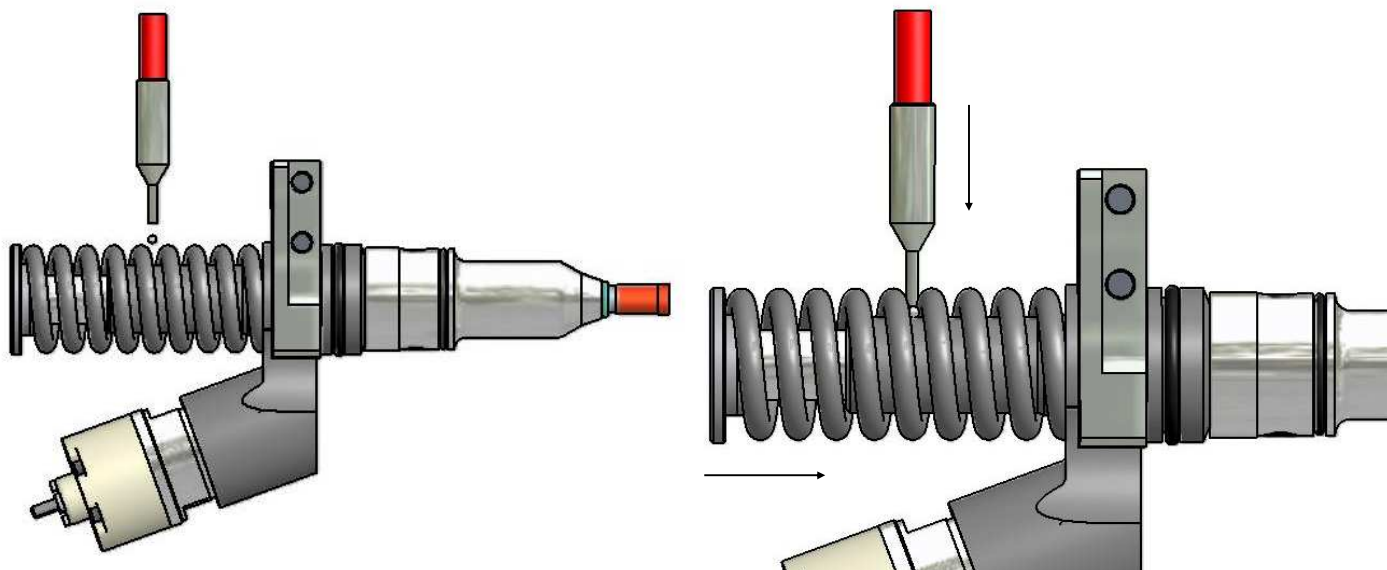
USE OF THE TOOLS CONTAINED IN THE BOX



Consente il montaggio/smontaggio del dado polverizzatore.

Allows to assemble and disassemble the nozzle nut.

4 021 080



4 021 079

Consente di eseguire la prova di polverizzazione dell' iniettore.

Allows the testing the injector nozzle



4 021 076

Consente di assemblare il gruppo pompante esercitando una pressione sulla sfera appoggiata su una molla.

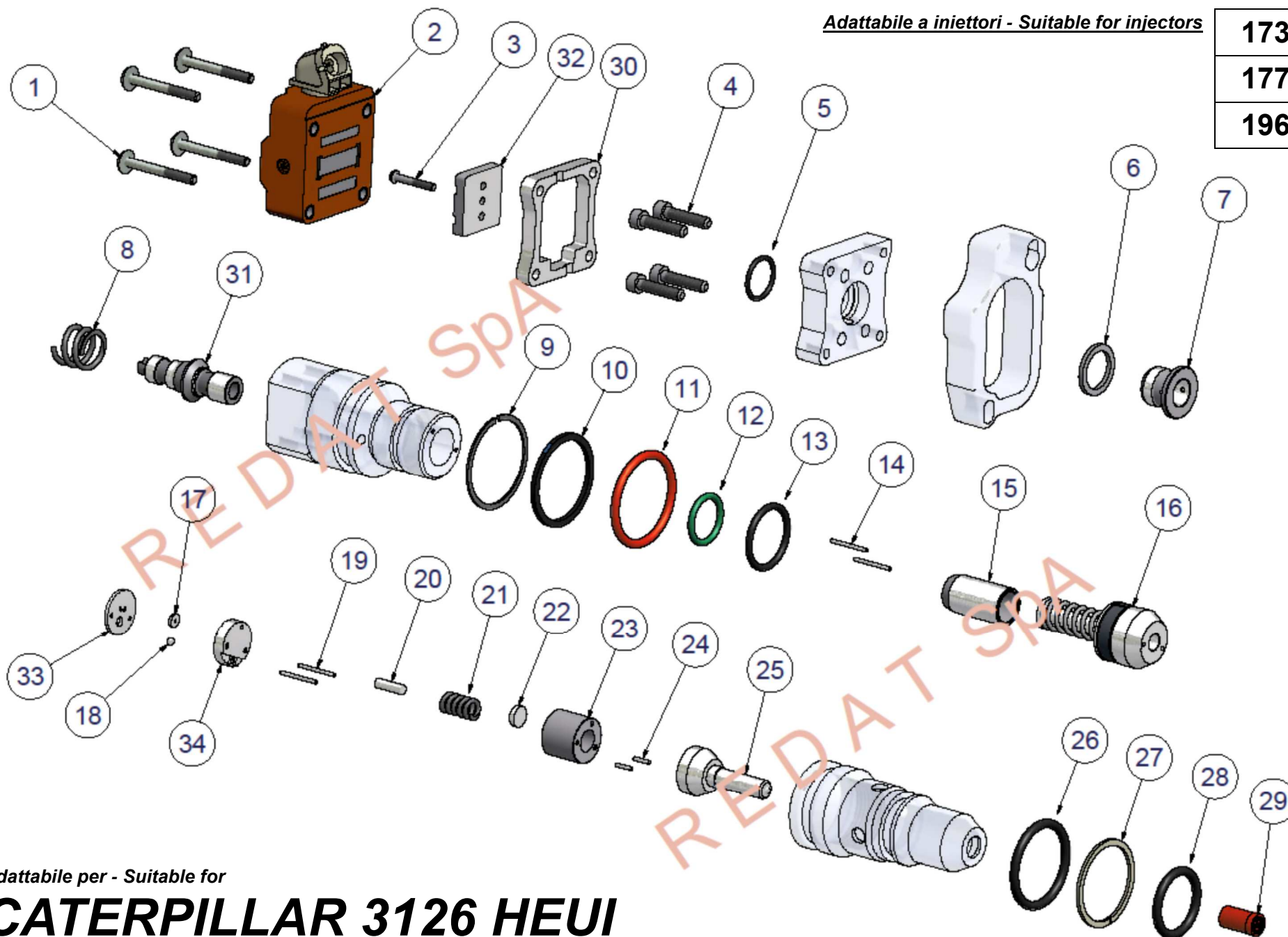
Allows to assemble the element group applying a pressure on the spring supported sphere.

Adattabile a iniettori - Suitable for injectors

173-9272

177-4754

196-1401



Adattabile per - Suitable for

CATERPILLAR 3126 HEUI

CATERPILLAR 3126 HEUI

K = ITEM INCLUDED IN KIT

RIF.	REDAT	ORIGIN.	Q.TY	DESCRIZIONE	DESCRIPTION	RIF.	REDAT	ORIGIN.	Q.TY	DESCRIZIONE	DESCRIPTION
1	1 208 972		4	VITE M4X35	SOLENOID SCREW		1 210 658		1	SPESSORE Sp. 2.21	POPPET SHIM h. 2.21
2	1 208 973		1	SOLENOIDE	SOLENOID		1 210 659		1	SPESSORE Sp. 2.22	POPPET SHIM h. 2.22
3	1 208 974		1	VITE M3X20	ADJUSTING SCREW		1 210 660		1	SPESSORE Sp. 2.23	POPPET SHIM h. 2.23
4	1 209 590		4	VITE	ASSEMBLY SCREW		1 210 661		1	SPESSORE Sp. 2.24	POPPET SHIM h. 2.24
5	1 208 986		1	O-RING	ADAPTER O-RING K		1 210 662		1	SPESSORE Sp. 2.25	POPPET SHIM h. 2.25
6	1 209 399		1	SPESSORE Sp. 2.00	POPPET SHIM h. 2.00	6	1 210 635		260	KIT SPESSORI	POPPET SHIM KIT
	1 208 981		1	SPESSORE Sp. 2.01	POPPET SHIM h. 2.01	7	1 209 016		1	BUSSOLA (4 FORI)	SLEEVE (4 HOLES)
	1 209 400		1	SPESSORE Sp. 2.02	POPPET SHIM h. 2.02	8	1 208 983		1	MOLLA	POPPET SPRING
	1 209 401		1	SPESSORE Sp. 2.03	POPPET SHIM h. 2.03	9	1 213 192	133-3715	1	ANELLO TAGLIATO	RING K
	1 209 402		1	SPESSORE Sp. 2.04	POPPET SHIM h. 2.04	10	1 210 703		1	O-RING	O-RING K
	1 209 403		1	SPESSORE Sp. 2.05	POPPET SHIM h. 2.05	11	1 211 437	237-3800	1	O-RING	O-RING K
	1 209 404		1	SPESSORE Sp. 2.06	POPPET SHIM h. 2.06	12	1 209 493		1	O-RING	O-RING K
	1 209 405		1	SPESSORE Sp. 2.07	POPPET SHIM h. 2.07		1 209 536		1	O-RING	O-RING K
	1 209 406		1	SPESSORE Sp. 2.08	POPPET SHIM h. 2.08	13	1 208 987		1	O-RING	O-RING K
	1 209 407		1	SPESSORE Sp. 2.09	POPPET SHIM h. 2.09	14	1 208 998		2	SPINA	DOWEL
	1 209 408		1	SPESSORE Sp. 2.10	POPPET SHIM h. 2.10	15	1 209 492	SEE CHART ON PAGE 78	1	PISTONE Ø17,5x26,7 173-9272 177-4754 196-1401	INTENSIFIER PISTON Ø17,5x26,7 173-9272 / 177-4754 / 196-1401
	1 209 409		1	SPESSORE Sp. 2.11	POPPET SHIM h. 2.11		1 209 018	SEE CHART ON PAGE 78	1	PISTONE Ø16x29,1	INTENSIFIER PISTON Ø16x29,1
	1 209 410		1	SPESSORE Sp. 2.12	POPPET SHIM h. 2.12	16	ARF0006 ARF0007 ARF0010	SEE CHART ON PAGE 78	1	POMPANTE	PLUNGER AND BARREL ASSEMBLY
	1 209 411		1	SPESSORE Sp. 2.13	POPPET SHIM h. 2.13	17	1 208 992		1	PIASTRA REGOLAZ.	CHECK PLATE K
	1 209 412		1	SPESSORE Sp. 2.14	POPPET SHIM h. 2.14	18	1 206 473		1	SFERA	CHECK BALL K
	1 209 413		1	SPESSORE Sp. 2.15	POPPET SHIM h. 2.15	19	1 208 998		2	SPINA	DOWEL
	1 209 414		1	SPESSORE Sp. 2.16	POPPET SHIM h. 2.16	20	1 214 558		1	SPINA Sp. 13,60	PIN h. 13,60
	1 209 415		1	SPESSORE Sp. 2.17	POPPET SHIM h. 2.17		1 214 559		1	SPINA Sp. 13,62	PIN h. 13,62
	1 209 416		1	SPESSORE Sp. 2.18	POPPET SHIM h. 2.18		1 214 560		1	SPINA Sp. 13,64	PIN h. 13,64
	1 210 656		1	SPESSORE Sp. 2.19	POPPET SHIM h. 2.19		1 214 561		1	SPINA Sp. 13,66	PIN h. 13,66
	1 210 657		1	SPESSORE Sp. 2.20	POPPET SHIM h. 2.20						

CATERPILLAR 3126 HEUI

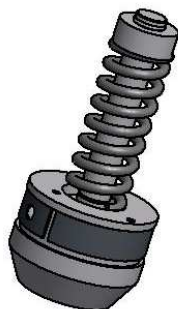
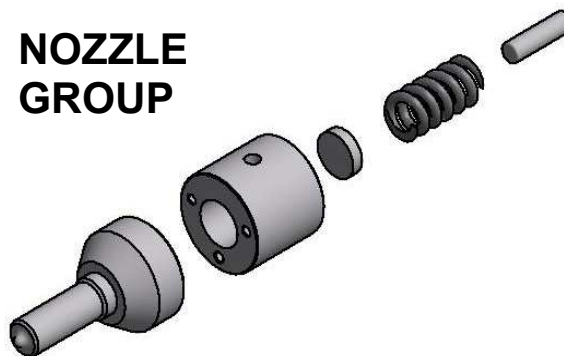
RIF.	REDAT	ORIGIN.	Q.TY	DESCRIZIONE	DESCRIPTION	RIF.	REDAT	ORIGIN.	Q.TY	DESCRIZIONE	DESCRIPTION
20	1 214 562		1	SPINA Sp. 13,68	PIN h. 13,68	22	1 209 603		1	APPOGGIO MOLLA Sp 2,16	LIFT SPACER h. 2,16
	1 208 994		1	SPINA Sp. 13,70	PIN h. 13,70		1 209 604		1	APPOGGIO MOLLA Sp 2,17	LIFT SPACER h. 2,17
	1 214 563		1	SPINA Sp. 13,72	PIN h. 13,72		1 209 605		1	APPOGGIO MOLLA Sp 2,18	LIFT SPACER h. 2,18
	1 214 564		1	SPINA Sp. 13,74	PIN h. 13,74		1 209 606		1	APPOGGIO MOLLA Sp 2,19	LIFT SPACER h. 2,19
	1 214 565		1	SPINA Sp. 13,76	PIN h. 13,76		1 209 555		1	APPOGGIO MOLLA Sp 2,20	LIFT SPACER h. 2,20
	1 214 566		1	SPINA Sp. 13,78	PIN h. 13,78		1 209 607		1	APPOGGIO MOLLA Sp 2,21	LIFT SPACER h. 2,21
	1 214 567		1	SPINA Sp. 13,80	PIN h. 13,80		1 209 608		1	APPOGGIO MOLLA Sp 2,22	LIFT SPACER h. 2,22
20	1 214 557		110	KIT SPINE	PINS KIT		1 209 609		1	APPOGGIO MOLLA Sp 2,23	LIFT SPACER h. 2,23
21	1 209 675		1	MOLLA per serie 7AS,8YL	SPRING for serial 7AS,8YL		1 209 610		1	APPOGGIO MOLLA Sp 2,24	LIFT SPACER h. 2,24
	1 209 676		1	MOLLA per serie 7AS,8SZ,8YL	SPRING for serial 7AS,8SZ,8YL		1 208 995		1	APPOGGIO MOLLA Sp 2,25	LIFT SPACER h. 2,25
	1 208 997		1	MOLLA per serie 7AS	SPRING for serial 7AS		1 209 611		1	APPOGGIO MOLLA Sp 2,26	LIFT SPACER h. 2,26
22	1 209 494		1	APPOGGIO MOLLA Sp 2,00	LIFT SPACER h. 2,00		1 209 612		1	APPOGGIO MOLLA Sp 2,27	LIFT SPACER h. 2,27
	1 209 591		1	APPOGGIO MOLLA Sp 2,01	LIFT SPACER h. 2,01		1 209 613		1	APPOGGIO MOLLA Sp 2,28	LIFT SPACER h. 2,28
	1 209 592		1	APPOGGIO MOLLA Sp 2,02	LIFT SPACER h. 2,02		1 209 614		1	APPOGGIO MOLLA Sp 2,29	LIFT SPACER h. 2,29
	1 209 593		1	APPOGGIO MOLLA Sp 2,03	LIFT SPACER h. 2,03		1 209 417		1	APPOGGIO MOLLA Sp 2,30	LIFT SPACER h. 2,30
	1 209 594		1	APPOGGIO MOLLA Sp 2,04	LIFT SPACER h. 2,04		1 209 615		1	APPOGGIO MOLLA Sp 2,31	LIFT SPACER h. 2,31
	1 209 495		1	APPOGGIO MOLLA Sp 2,05	LIFT SPACER h. 2,05		1 209 616		1	APPOGGIO MOLLA Sp 2,32	LIFT SPACER h. 2,32
	1 209 595		1	APPOGGIO MOLLA Sp 2,06	LIFT SPACER h. 2,06		1 209 617		1	APPOGGIO MOLLA Sp 2,33	LIFT SPACER h. 2,33
	1 209 596		1	APPOGGIO MOLLA Sp 2,07	LIFT SPACER h. 2,07		1 209 618		1	APPOGGIO MOLLA Sp 2,34	LIFT SPACER h. 2,34
	1 209 597		1	APPOGGIO MOLLA Sp 2,08	LIFT SPACER h. 2,08		1 209 556		1	APPOGGIO MOLLA Sp 2,35	LIFT SPACER h. 2,35
	1 209 598		1	APPOGGIO MOLLA Sp 2,09	LIFT SPACER h. 2,09		1 209 619		1	APPOGGIO MOLLA Sp 2,36	LIFT SPACER h. 2,36
	1 209 496		1	APPOGGIO MOLLA Sp 2,10	LIFT SPACER h. 2,10		1 209 620		1	APPOGGIO MOLLA Sp 2,37	LIFT SPACER h. 2,37
	1 209 599		1	APPOGGIO MOLLA Sp 2,11	LIFT SPACER h. 2,11		1 209 621		1	APPOGGIO MOLLA Sp 2,38	LIFT SPACER h. 2,38
	1 209 600		1	APPOGGIO MOLLA Sp 2,12	LIFT SPACER h. 2,12		1 209 622		1	APPOGGIO MOLLA Sp 2,49	LIFT SPACER h. 2,39
	1 209 601		1	APPOGGIO MOLLA Sp 2,13	LIFT SPACER h. 2,13		1 209 557		1	APPOGGIO MOLLA Sp 2,40	LIFT SPACER h. 2,40
	1 209 602		1	APPOGGIO MOLLA Sp 2,14	LIFT SPACER h. 2,14		1 212 836		1	APPOGGIO MOLLA Sp 2,41	LIFT SPACER h. 2,41
	1 209 497		1	APPOGGIO MOLLA Sp 2,15	LIFT SPACER h. 2,15		1 212 846		1	APPOGGIO MOLLA Sp 2,42	LIFT SPACER h. 2,42

CATERPILLAR 3126 HEUI

RIF.	REDAT	ORIGIN.	Q.TY	DESCRIZIONE	DESCRIPTION	RIF.	REDAT	ORIGIN.	Q.TY	DESCRIZIONE	DESCRIPTION
22	1 212 847		1	APPOGGIO MOLLA Sp 2,43	LIFT SPACER h. 2,43	33	1 208 991		1	DISTANZIALE	SPACER K
	1 212 848		1	APPOGGIO MOLLA Sp 2,44	LIFT SPACER h. 2,44	34	1 208 993		1	DISTANZIALE	SPACER K
	1 212 849		1	APPOGGIO MOLLA Sp 2,45	LIFT SPACER h. 2,45	KIT VALVOLA DI RECUPERO / CHECK VALVE ASSEMBLY 1 211 915					
	1 212 850		1	APPOGGIO MOLLA Sp 2,46	LIFT SPACER h. 2,46						
	1 212 851		1	APPOGGIO MOLLA Sp 2,47	LIFT SPACER h. 2,47	17	1 208 992		1	PIASTRA REGOLAZ.	CHECK PLATE
22	1 210 637		480	KIT APPOGGIO MOLLA	LIFT SPACERS KIT	18	1 206 473		1	SFERA	CHECK BALL
23	1 208 996		1	BOCCOLA	SPACER SLEEVE	33	1 208 991		1	DISTANZIALE	SPACER
24	1 209 004		2	SPINA	DOWEL	34	1 208 993		1	DISTANZIALE	SPACER
25	CTRF2002N	SEE CHART ON PAGE 78	1	POLVERIZZATORE	NOZZLE	KIT GUARNIZIONI INTERNE / INTERNAL KIT 1 209 530					
	CTRF2003N										
	CTRF2009N					5	1 208 986		1	O-RING	ADAPTER O-RING
26	1 208 767	148-2903	1	O-RING	O-RING K	12	1 209 493		1	O-RING	O-RING
27	1 208 769	149-5240	1	GUARNIZIONE AD ANELLO	GASKET RING K		1 209 536		1	O-RING	O-RING
28	1 208 768	109-3207	1	O-RING	O-RING K	13	1 208 987		1	O-RING	O-RING
29	1 207 429		1	TAPPO DI PROTEZIONE	PLASTIC CAP	KIT GUARNIZIONI ESTERNE / EXTERNAL KIT 1 208 766 CAT 242-1539					
30	1 208 976		1	DISTANZIALE	SPACER	9	1 213 192	133-3715	1	ANELLO TAGLIATO	RING
31	1 208 984		1	VALVOLA	VALVE	10	1 210 703	150-4105	1	O-RING	O-RING
32	1 214 265		1	PIASTRA SOLENOIDE Sp.4,97	SOLENOID PLATE Th.4,97	11	1 211 437	237-3800	1	O-RING	O-RING
	1 214 266		1	PIASTRA SOLENOIDE Sp.4,98	SOLENOID PLATE Th.4,98	26	1 208 767	148-2903	1	O-RING	O-RING
	1 214 267		1	PIASTRA SOLENOIDE Sp.4,99	SOLENOID PLATE Th.4,99	27	1 208 769	149-5240	1	GUARNIZIONE AD ANELLO	GASKET RING
	1 208 975		1	PIASTRA SOLENOIDE Sp.5,00	SOLENOID PLATE Th.5,00	28	1 208 768	109-3207	1	O-RING	O-RING
	1 214 268		1	PIASTRA SOLENOIDE Sp.5,01	SOLENOID PLATE Th.5,01						
	1 214 269		1	PIASTRA SOLENOIDE Sp.5,02	SOLENOID PLATE Th.5,02						
	1 214 270		1	PIASTRA SOLENOIDE Sp.5,03	SOLENOID PLATE Th.5,03						
	1 214 271		1	PIASTRA SOLENOIDE Sp.5,04	SOLENOID PLATE Th.5,04						
32	1 214 264		40	KIT PIASTRE SOLENOIDE	SOLENOID PLATES KIT						

POLVERIZZATORI COMPLETI - NOZZLE ASSEMBLY - P&B for CATERPILLAR 3126 HEUI INJECTORS

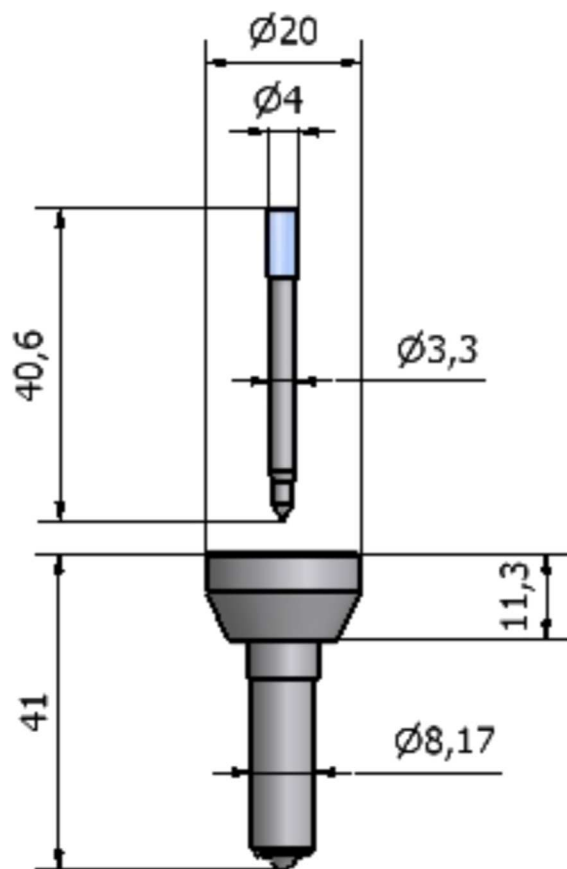
NEW INJECTOR PART #	REMAN INJECTOR PART #	APPLICATION	SERIAL #	PLUNGER & BARRELL	NOZZLE GROUP	NOZZLE ASSEMBLY	EXTERNAL SEAL KIT	INTERNAL SEAL KIT
131-7150	0R9349	TRUCK	7AS,8SZ,8YL	ARF0006	CTRF9503N	CTRF2003N	1208766	1209530
141-7837	0R9350	TRUCK	7AS & 8YL	ARF0006	CTRF9552N	CTRF2002N	1208766	1209530
155-1819	0R9348	TRUCK	7AS	ARF0007	CTRF9502N	CTRF2002N	1208766	1209530
169-7408	0R9348	TRUCK	7AS	ARF0007	CTRF9502N	CTRF2002N	1208766	1209530
171-9704	0R9348	TRUCK	7AS	ARF0007	CTRF9502N	CTRF2002N	1208766	1209530
171-9710	0R9348	TRUCK	7AS	ARF0007	CTRF9502N	CTRF2002N	1208766	1209530
173-4059	0R9349	TRUCK	7AS,8SZ,8YL	ARF0006	CTRF9503N	CTRF2003N	1208766	1209530
173-4061	0R9349	TRUCK	7AS,8SZ,8YL	ARF0006	CTRF9503N	CTRF2003N	1208766	1209530
173-9267	0R9349	TRUCK	7AS,8SZ,8YL	ARF0006	CTRF9503N	CTRF2003N	1208766	1209530
173-9268	0R9349	TRUCK	7AS,8SZ,8YL	ARF0006	CTRF9503N	CTRF2003N	1208766	1209530
173-9272	0R9350	TRUCK	7AS & 8YL	ARF0006	CTRF9552N	CTRF2002N	1208766	1209530
173-9379	0R9348	TRUCK	7AS & 8YL	ARF0007	CTRF9502N	CTRF2002N	1208766	1209530
173-9380	0R9348	TRUCK	7AS	ARF0007	CTRF9502N	CTRF2002N	1208766	1209530
177-4754	10R0782	TRUCK MARINE	BDZ, BEJ, CKM, CRP, DCD, HEP, LEP, Z2A, 5GG	ARF0006	CTRF9553N	CTRF2003N	1208766	1209530
188-1320	0R9348	TRUCK	7AS	ARF0007	CTRF9502N	CTRF2002N	1208766	1209530
196-1401	0R9349	TRUCK	7AS,8SZ,8YL	ARF0006	CTRF9503N	CTRF2003N	1208766	1209530
196-4229	0R9350	TRUCK	7AS & 8YL	ARF0006	CTRF9552N	CTRF2002N	1208766	1209530
222-5963	10R1262	TRUCK	CKM & HEP	ARF0007	CTRF9553N	CTRF2003N	1208766	1209530
222-5966	10R0781	TRUCK MARINE	3GS, 9SZ, CK, CRP, HEP, LEF	ARF0006	CTRF9509N	CTRF2009N	1208766	1209530
222-5967	0R9349	TRUCK	7AS,8SZ,8YL	ARF0006	CTRF9503N	CTRF2003N	1208766	1209530
222-5972	0R9350	TRUCK	7AS & 8YL	ARF0006	CTRF9552N	CTRF2002N	1208766	1209530
	0R1050 - 10R1050			ARF0007	CTRF9500N		1208766	1209530
	10R1257			ARF0006	CTRF9502N	CTRF2002N	1208766	1209530
	10R1306			ARF0010	CTRF9543N		1208766	1209530
	10R8999			ARF0006	CTRF9544N		1208766	1209530

**PLUNGER &
BARREL****NOZZLE
GROUP****INTENSIFIER
PISTON**

REDAT	Application
1 209 492	OR9349 OR9350 10R0781 10R0782 10R1257 10R1306 10R8999
1 209 018	OR9348 OR1050 10R1050 10R1262

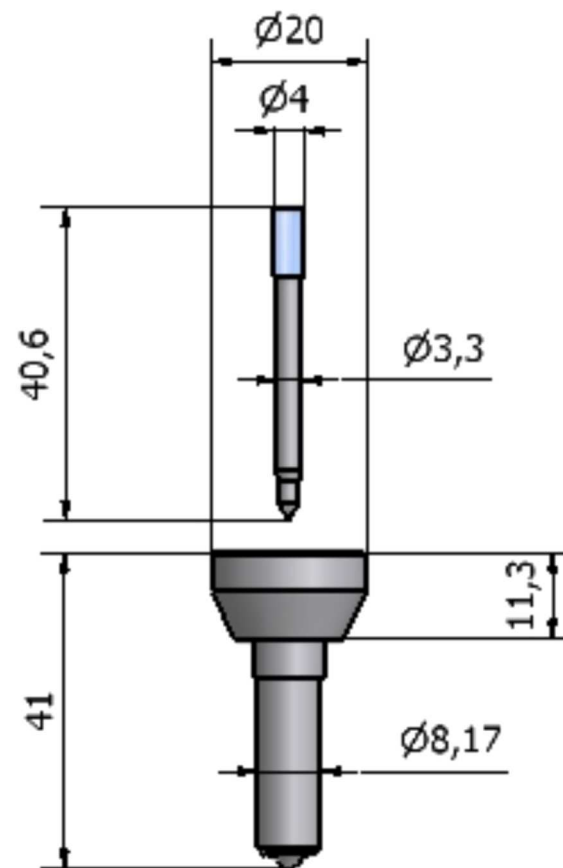
NOZZLES suitable for CATERPILLAR

CTRF2002N application 3126A - 3126B HEUI



N° HOLES = 6

CTRF2003N application 3126A - 3126B HEUI



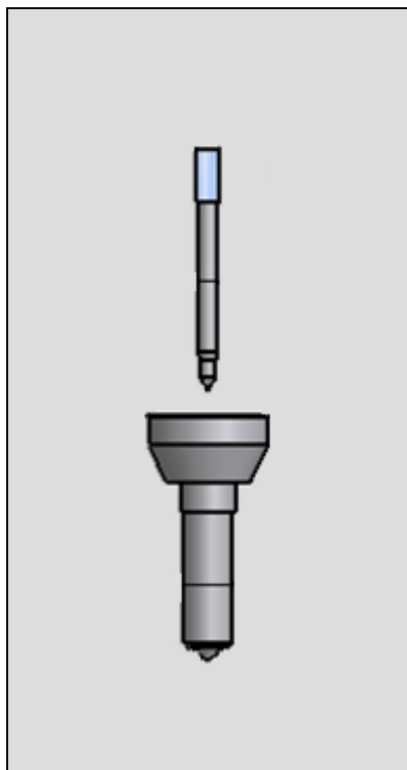
N° HOLES = 6

NOZZLES suitable for **CATERPILLAR**

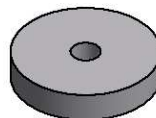
CTRF2009N application 3126B HEUI

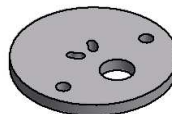
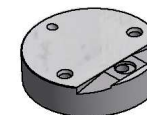
for injector 222-5966

10R-0781



KIT VALVOLA DI RECUPERO / CHECK VALVE ASSEMBLY
*adattabile per
suitable for*
**CATERPILLAR
POWERSTROKE 7.3**

1 211 915

PIASTRA REGOLAZ. - CHECK PLATE - Q.TY 1
REDAT CODE 1 208 992

SFERA - CHECK BALL - Q.TY 1
REDAT CODE 1 206 473

DISTANZIALE - SPACER - Q.TY 1
REDAT CODE 1 208 991

DISTANZIALE - SPACER - Q.TY 1
REDAT CODE 1 208 993

SERIE GUARNIZIONI INTERNA PER INIETTORE-INTERNAL O-RING SEAL KIT

adattabile per

suitable for

CATERPILLAR 3126-3126B



1 209 530



O-RING (NERO - BLACK) - Q.TY 1

REDAT CODE 1 208 986



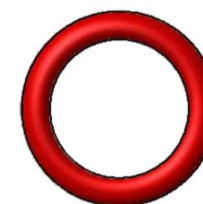
O-RING (VERDE - GREEN) - Q.TY 1

REDAT CODE 1 209 493



O-RING (BLU SCURO - DARK-BLUE) - Q.TY 1

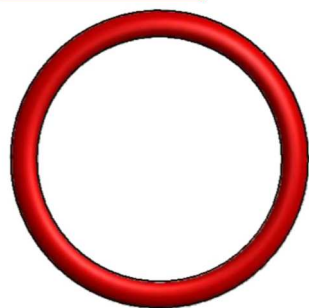
REDAT CODE 1 208 987



O-RING (ROSSO - RED) - Q.TY 1

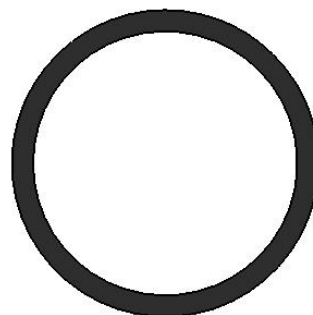
REDAT CODE 1 209 536

SERIE GUARNIZIONI ESTERNA PER INIETTORE - EXTERNAL SEAL KIT *adattabile per*
suitable for **CATERPILLAR 242-1539**


1 208 766


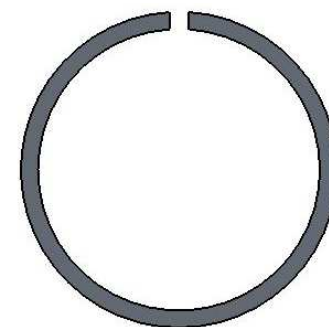
**O-RING (ROSSO SCURO - DARK RED) -
Q.TY 1**

REDAT CODE 1 211 437



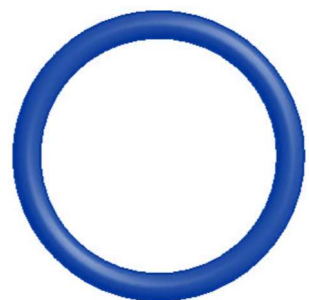
**ANELLO QUADRATO-SQUARE RUBBER RING
(NERO - BLACK)- Q.TY 1**

REDAT CODE 1 210 703



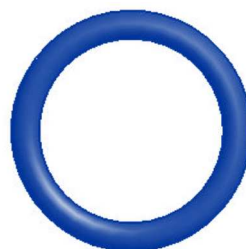
**ANELLO TAGLIATO - SPLIT SEAL
(GRIGIO - GRAY) - Q.TY 1**

REDAT CODE 1 213 192



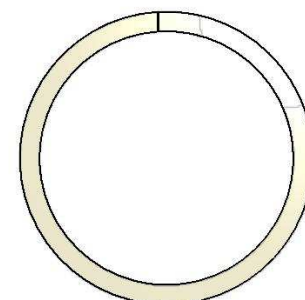
O-RING (BLU SCURO - DARK BLUE) - Q.TY 1

REDAT CODE 1 208 767



O-RING (BLU SCURO-DARK BLUE) - Q.TY 1

REDAT CODE 1 208 768



GUARNIZIONE-GASKET (BEIGE) - Q.TY 1

REDAT CODE 1 208 769

CASSETTA ATTREZZI MONTAGGIO/SMONTAGGIO CATERPILLAR 3126 HEUI COMPLETE TOOL SET FOR CATERPILLAR 3126 HEUI ASSEMBLING/DISASSEMBLING



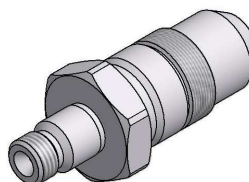
4 021 017



ATTREZZO DI MONTAGGIO / SMONTAGGIO
DADO POLVERIZZATORE

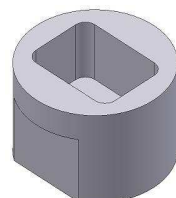
NOZZLE NUT ASSEMBLING /
DISASSEMBLING TOOL

4 021 010



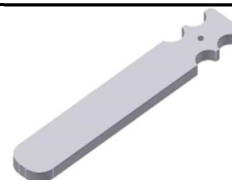
ATTREZZO PROVA POLVERIZZATORE
NOZZLE TESTING TOOL

4 021 009



BLOCCHETTO FISSAGGIO INIETTORE
INJECTOR FIXING JIG

4 021 015



CHIAVE DI ALLINEAMENTO
ORIENTATION KEY

4 021 016



Q.TY 3

INSERTO 1/4" - TORX E 4
TORX E 4 - 1/4" INSERT

4 021 007



Q.TY 3

INSERTO 1/4" - TORX TX20
TORX TX20 - 1/4" INSERT

4 021 008

**MODO DI UTILIZZO DEGLI ATTREZZI
PRESENTI NELLA CASSETTA**

USE OF THE TOOLS CONTAINED IN THE BOX

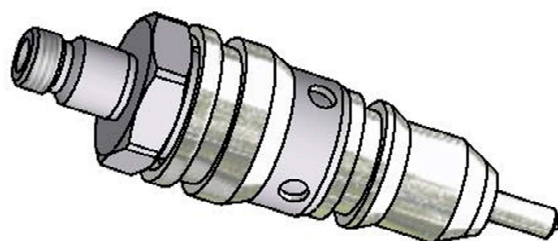

Consente il bloccaggio dell'iniettore per le fasi di montaggio/smontaggio componenti.

Allows to hold the injector body for the assembling and disassembling of the parts .

4 021 015


Consente il montaggio/smontaggio del dado polverizzatore mediante l'azione delle sfere.

Allows to assembling and disassembling the nozzle nut thanks to the action of the spheres

4 021 010


Consente di eseguire la prova di pulverizzazione dell'iniettore

Allows to perform the spray test of the injector

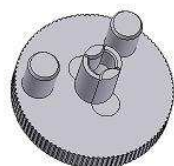
4 021 009


Consente di ruotare in maniera corretta la valvola a fungo mediante il centraggio tra i fori sull'attrezzo e i fori delle viti

Allows to rotate correctly the poppet valve with the correspondence of the holes on the tool with the screw holes

4 021 016

ATTREZZI VARI PER CATERPILLAR 3126 HEUI

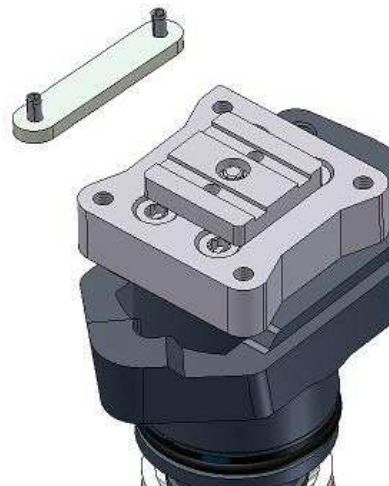
**ATTREZZO DI ORIENTAMENTO
ORIENTATION TOOL**

USATO PER IL CORRETTO
ORIENTAMENTO DELLA VALVOLA
A FUNGO,
LA POSIZIONE CORRETTA
E' QUANDO I DUE PIOLI
COINCIDONO CON I FORI DELLE
VITI

*TOOL IS USED FOR THE
CORRECT ORIENTATION OF THE
POPPET VALVE,
THE RIGHT POSITION IS WHEN
THE TWO PINS ARE IN THE
SCREW HOLES*

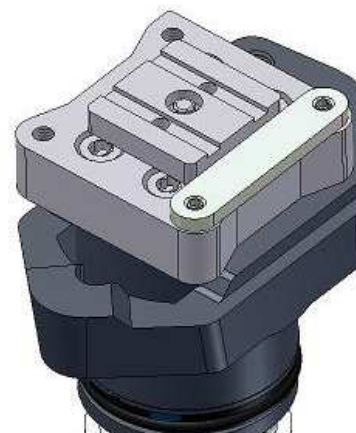
4 021 168

VARIOUS TOOLS FOR CATERPILLAR 3126 HEUI

**ATTREZZO
ANTIROTAZIONE
ANTIROTATION TOOL**

USATO PER IMPEDIRE
ALL'ARMATURA DI
RUOTARE DURANTE LO
SMONTAGGIO

*TOOL NEED TO PREVENT
THE ARMATURE ROTATING
DURING DISASSEMBLING*

4 021 170

ATTREZZI PER CATERPILLAR 3126 HEUI TOOLS FOR CATERPILLAR 3126 HEUI



ATTREZZO DI SPIANTAGGIO
EXTRACTION TOOL
 USATO PER ESTRARRE
 LA BOCCOLA DALL' ADATTATORE
 (CON UN MARTELLO)

TOOL NEED FOR EXTRACT THE
 BUSH FROM ADAPTER (WITH AN
 HAMMER)

4 021 169

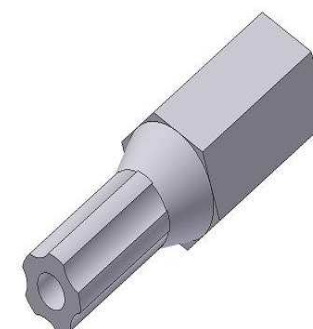


ATTREZZI OPZIONALI PER CATERPILLAR 3126 HEUI OPTIONAL TOOLS FOR CATERPILLAR 3126 HEUI



4 021 175

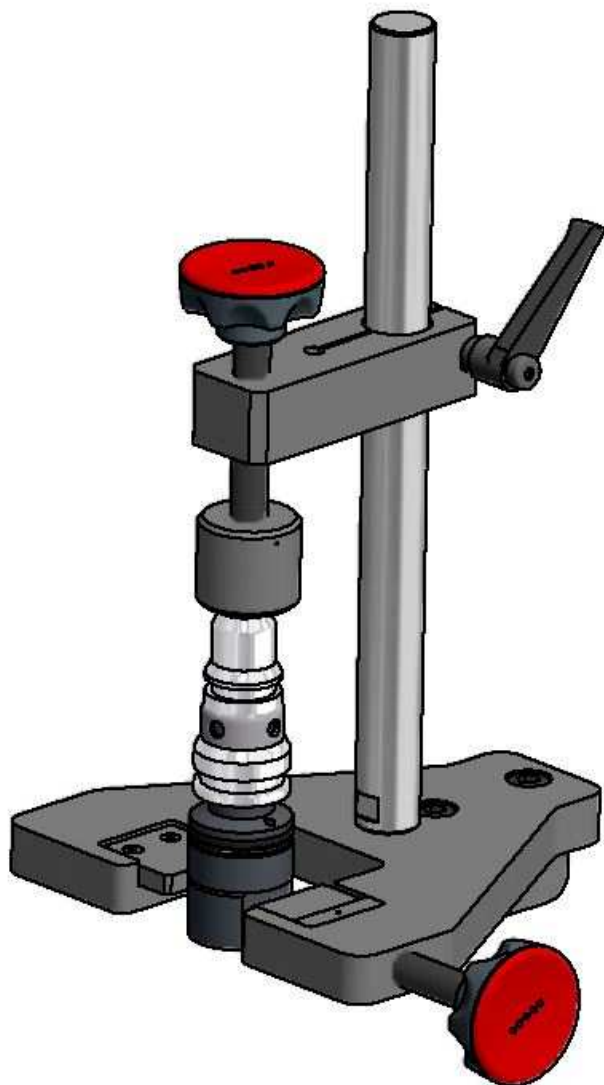
ATTREZZO DI SPIANTAGGIO PISTONE
 CONSENTE DI ESTRARRE IL PISTONE DAL CORPO INIETTORE
 ALLOWS TO EXTRACT THE PISTON FROM THE INJECTOR BODY



4 021 167

INSERTO 1/4" - TORX TX10
 TORX TX10 - 1/4" INSERTS

ATTREZZO PRESSA POLVERIZZATORE / NOZZLE PRESS TOOL



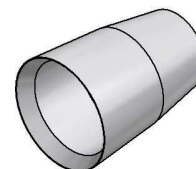
4 021 682

Consente di comprimere il pulverizzatore e il P&B per un corretto montaggio dei componenti evitando le rotture delle spine.

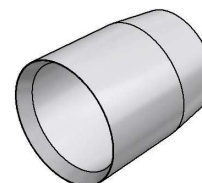
Allows to compress the nozzle and the P&B for a correct assembly of the components, avoiding pins breaks.

Usare attrezzo 4 021 293 per avvitare dado pulverizzatore
Use tool 4 021 293 to screw the nozzle nut

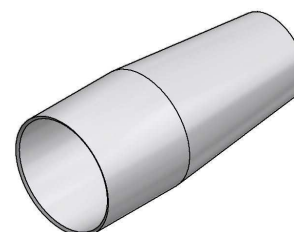
CASSETTA CONI INSERIMENTO O-RINGS / O-RINGS INSTALLATION TOOL SET **FORD POWERSTROKE 7.3 / NAVISTAR HEUI / CATERPILLAR / PERKINS**


4 010 957


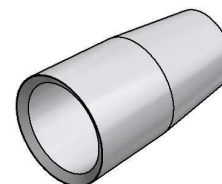
CONO INSERIMENTO
INSTALLATION TOOL

4 021 661


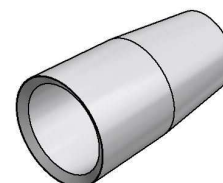
CONO INSERIMENTO
INSTALLATION TOOL

4 021 663


CONO INSERIMENTO
INSTALLATION TOOL

4 021 664


CONO INSERIMENTO
INSTALLATION TOOL

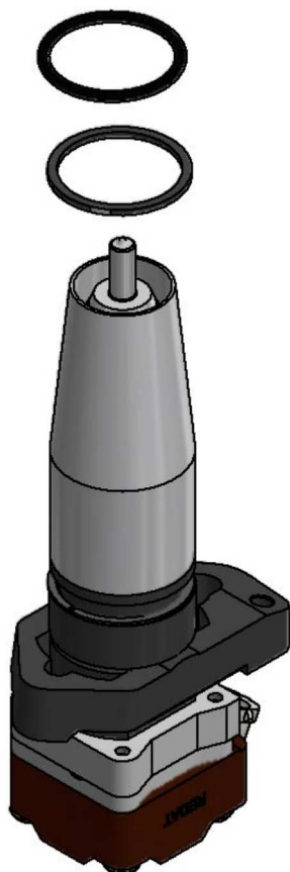
4 021 665


CONO INSERIMENTO
INSTALLATION TOOL

4 021 666



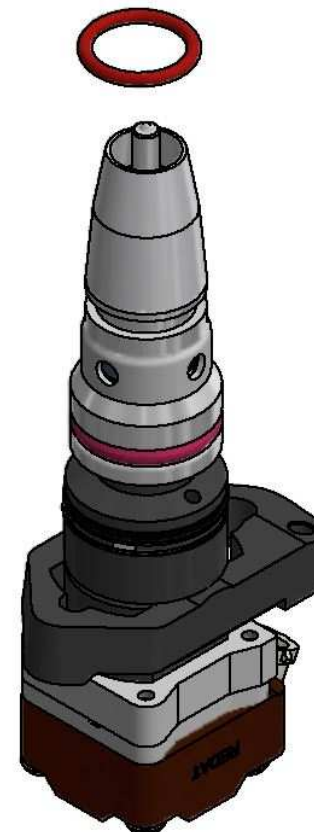
4 021 664



4 021 663

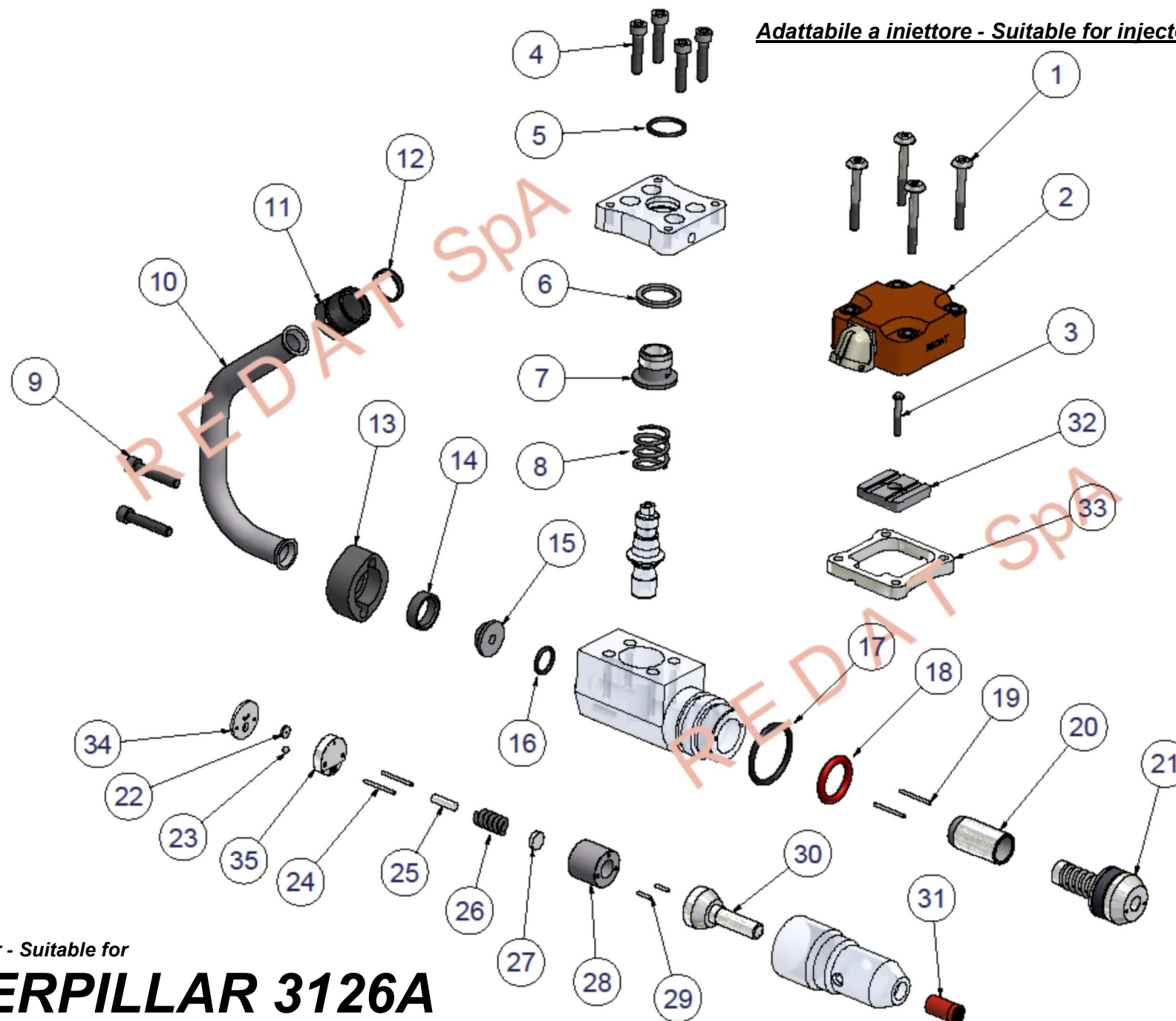


4 021 661



Adattabile a iniettore - Suitable for injector

119-3346



Adattabile per - Suitable for

CATERPILLAR 3126A

CATERPILLAR 3126A

K = ITEM INCLUDED IN KIT

RIF.	REDAT	ORIGIN.	Q.TY	DESCRIZIONE	DESCRIPTION	RIF.	REDAT	ORIGIN.	Q.TY	DESCRIZIONE	DESCRIPTION
1	1 208 972		4	VITE M4X35	SOLENOID SCREW		1 210 659		1	SPESSORE Sp. 2.22	POPPET SHIM h. 2.22
2	1 208 973		1	SOLENOIDE	SOLENOID		1 210 660		1	SPESSORE Sp. 2.23	POPPET SHIM h. 2.23
3	1 208 974		1	VITE M3X20	ADJUSTING SCREW		1 210 661		1	SPESSORE Sp. 2.24	POPPET SHIM h. 2.24
4	1 209 590		4	VITE	ASSEMBLY SCREW		1 210 662		1	SPESSORE Sp. 2.25	POPPET SHIM h. 2.25
5	1 208 986		1	O-RING	ADAPTER O-RING K	6	1 210 635		260	KIT SPESSORI	POPPET SHIMS KIT
6	1 209 399		1	SPESSORE Sp. 2.00	POPPET SHIM h. 2.00	7	1 208 982		1	BUSSOLA	SLEEVE
	1 208 981		1	SPESSORE Sp. 2.01	POPPET SHIM h. 2.01	8	1 210 089		1	MOLLA	POPPET SPRING
	1 209 400		1	SPESSORE Sp. 2.02	POPPET SHIM h. 2.02	9	1 210 078		2	VITE	SCREW
	1 209 401		1	SPESSORE Sp. 2.03	POPPET SHIM h. 2.03	10	1 210 087		1	TUBO	PIPE
	1 209 402		1	SPESSORE Sp. 2.04	POPPET SHIM h. 2.04	11	1 210 085		1	RACCORDO PER TUBO	NUT FOR PIPE
	1 209 403		1	SPESSORE Sp. 2.05	POPPET SHIM h. 2.05	12	1 210 084		1	ANELLO	RING
	1 209 404		1	SPESSORE Sp. 2.06	POPPET SHIM h. 2.06	13	1 210 086		1	PIASTRA	PLATE
	1 209 405		1	SPESSORE Sp. 2.07	POPPET SHIM h. 2.07	14	1 210 083		1	ANELLO	RING
	1 209 406		1	SPESSORE Sp. 2.08	POPPET SHIM h. 2.08	15	1 210 081		1	DISTANZIALE	SPACER
	1 209 407		1	SPESSORE Sp. 2.09	POPPET SHIM h. 2.09	16	1 210 079		1	O-RING	O-RING K
	1 209 408		1	SPESSORE Sp. 2.10	POPPET SHIM h. 2.10	17	1 210 080		1	O-RING	O-RING K
	1 209 409		1	SPESSORE Sp. 2.11	POPPET SHIM h. 2.11	18	1 209 536		1	O-RING	O-RING K
	1 209 410		1	SPESSORE Sp. 2.12	POPPET SHIM h. 2.12	19	1 208 998		2	SPINA	DOWEL
	1 209 411		1	SPESSORE Sp. 2.13	POPPET SHIM h. 2.13	20	1 209 535	SEE CHART ON PAGE 78	1	PISTONE Ø17,5x29,4	INTENSIFIER PISTON Ø17,5x29,4
	1 209 412		1	SPESSORE Sp. 2.14	POPPET SHIM h. 2.14	21	ARF0006 ARF0007	SEE CHART ON PAGE 78	1	POMPANTE	PLUNGER AND BARREL ASSEMBLY
	1 209 413		1	SPESSORE Sp. 2.15	POPPET SHIM h. 2.15	22	1 208 992		1	PIASTRA REGOLAZ.	CHECK PLATE K
	1 209 414		1	SPESSORE Sp. 2.16	POPPET SHIM h. 2.16	23	1 206 473		1	SFERA	CHECK BALL K
	1 209 415		1	SPESSORE Sp. 2.17	POPPET SHIM h. 2.17	24	1 208 998		2	SPINA	DOWEL
	1 209 416		1	SPESSORE Sp. 2.18	POPPET SHIM h. 2.18	25	1 214 558		1	SPINA Sp. 13,60	PIN h. 13,60
	1 210 656		1	SPESSORE Sp. 2.19	POPPET SHIM h. 2.19		1 214 559		1	SPINA Sp. 13,62	PIN h. 13,62
	1 210 657		1	SPESSORE Sp. 2.20	POPPET SHIM h. 2.20						
	1 210 658		1	SPESSORE Sp. 2.21	POPPET SHIM h. 2.21						

CATERPILLAR 3126A

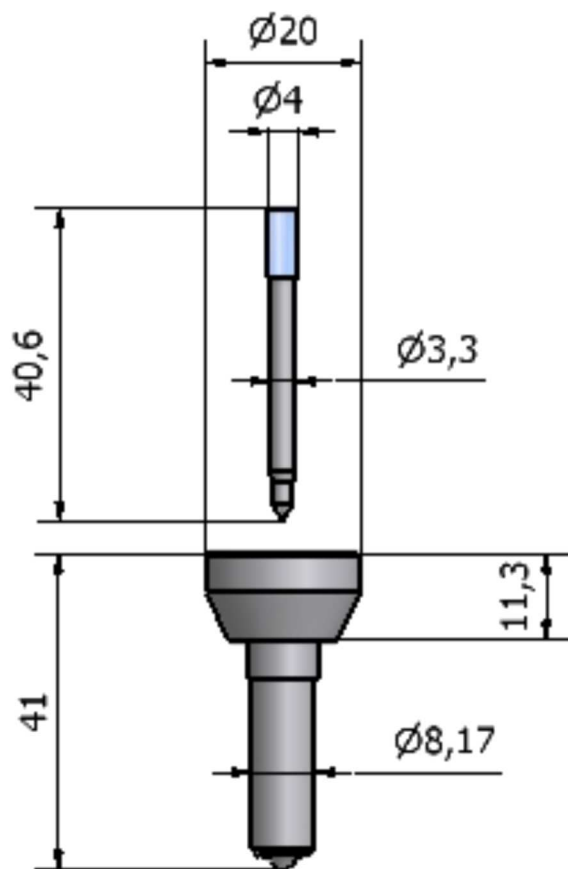
RIF.	REDAT	ORIGIN.	Q.TY	DESCRIZIONE	DESCRIPTION	RIF.	REDAT	ORIGIN.	Q.TY	DESCRIZIONE	DESCRIPTION
25	1 214 560		1	SPINA Sp. 13,64	PIN h. 13,64	27	1 209 601		1	APPOGGIO MOLLA Sp 2,13	LIFT SPACER h. 2,13
	1 214 561		1	SPINA Sp. 13,66	PIN h. 13,66		1 209 602		1	APPOGGIO MOLLA Sp 2,14	LIFT SPACER h. 2,14
	1 214 562		1	SPINA Sp. 13,68	PIN h. 13,68		1 209 497		1	APPOGGIO MOLLA Sp 2,15	LIFT SPACER h. 2,15
	1 208 994		1	SPINA Sp. 13,70	PIN h. 13,70		1 209 603		1	APPOGGIO MOLLA Sp 2,16	LIFT SPACER h. 2,16
	1 214 563		1	SPINA Sp. 13,72	PIN h. 13,72		1 209 604		1	APPOGGIO MOLLA Sp 2,17	LIFT SPACER h. 2,17
	1 214 564		1	SPINA Sp. 13,74	PIN h. 13,74		1 209 605		1	APPOGGIO MOLLA Sp 2,18	LIFT SPACER h. 2,18
	1 214 565		1	SPINA Sp. 13,76	PIN h. 13,76		1 209 606		1	APPOGGIO MOLLA Sp 2,19	LIFT SPACER h. 2,19
	1 214 566		1	SPINA Sp. 13,78	PIN h. 13,78		1 209 555		1	APPOGGIO MOLLA Sp 2,20	LIFT SPACER h. 2,20
	1 214 567		1	SPINA Sp. 13,80	PIN h. 13,80		1 209 607		1	APPOGGIO MOLLA Sp 2,21	LIFT SPACER h. 2,21
25	1 214 557		110	KIT SPINE	PINS KIT		1 209 608		1	APPOGGIO MOLLA Sp 2,22	LIFT SPACER h. 2,22
26	1 209 676		1	MOLLA	SPRING		1 209 609		1	APPOGGIO MOLLA Sp 2,23	LIFT SPACER h. 2,23
27	1 209 494		1	APPOGGIO MOLLA Sp 2,00	LIFT SPACER h. 2,00		1 209 610		1	APPOGGIO MOLLA Sp 2,24	LIFT SPACER h. 2,24
	1 209 591		1	APPOGGIO MOLLA Sp 2,01	LIFT SPACER h. 2,01		1 208 995		1	APPOGGIO MOLLA Sp 2,25	LIFT SPACER h. 2,25
	1 209 592		1	APPOGGIO MOLLA Sp 2,02	LIFT SPACER h. 2,02		1 209 611		1	APPOGGIO MOLLA Sp 2,26	LIFT SPACER h. 2,26
	1 209 593		1	APPOGGIO MOLLA Sp 2,03	LIFT SPACER h. 2,03		1 209 612		1	APPOGGIO MOLLA Sp 2,27	LIFT SPACER h. 2,27
	1 209 594		1	APPOGGIO MOLLA Sp 2,04	LIFT SPACER h. 2,04		1 209 613		1	APPOGGIO MOLLA Sp 2,28	LIFT SPACER h. 2,28
	1 209 495		1	APPOGGIO MOLLA Sp 2,05	LIFT SPACER h. 2,05		1 209 614		1	APPOGGIO MOLLA Sp 2,29	LIFT SPACER h. 2,29
	1 209 595		1	APPOGGIO MOLLA Sp 2,06	LIFT SPACER h. 2,06		1 209 417		1	APPOGGIO MOLLA Sp 2,30	LIFT SPACER h. 2,30
	1 209 596		1	APPOGGIO MOLLA Sp 2,07	LIFT SPACER h. 2,07		1 209 615		1	APPOGGIO MOLLA Sp 2,31	LIFT SPACER h. 2,31
	1 209 597		1	APPOGGIO MOLLA Sp 2,08	LIFT SPACER h. 2,08		1 209 616		1	APPOGGIO MOLLA Sp 2,32	LIFT SPACER h. 2,32
	1 209 598		1	APPOGGIO MOLLA Sp 2,09	LIFT SPACER h. 2,09		1 209 617		1	APPOGGIO MOLLA Sp 2,33	LIFT SPACER h. 2,33
	1 209 496		1	APPOGGIO MOLLA Sp 2,10	LIFT SPACER h. 2,10		1 209 618		1	APPOGGIO MOLLA Sp 2,34	LIFT SPACER h. 2,34
	1 209 599		1	APPOGGIO MOLLA Sp 2,11	LIFT SPACER h. 2,11		1 209 556		1	APPOGGIO MOLLA Sp 2,35	LIFT SPACER h. 2,35
	1 209 600		1	APPOGGIO MOLLA Sp 2,12	LIFT SPACER h. 2,12		1 209 619		1	APPOGGIO MOLLA Sp 2,36	LIFT SPACER h. 2,36
							1 209 620		1	APPOGGIO MOLLA Sp 2,37	LIFT SPACER h. 2,37
							1 209 621		1	APPOGGIO MOLLA Sp 2,38	LIFT SPACER h. 2,38
							1 209 622		1	APPOGGIO MOLLA Sp 2,49	LIFT SPACER h. 2,39

CATERPILLAR 3126A

RIF.	REDAT	ORIGIN.	Q.TY	DESCRIZIONE	DESCRIPTION	RIF.	REDAT	ORIGIN.	Q.TY	DESCRIZIONE	DESCRIPTION
27	1 209 557		1	APPOGGIO MOLLA Sp 2,40	LIFT SPACER h. 2,40						
	1 212 836		1	APPOGGIO MOLLA Sp 2,41	LIFT SPACER h. 2,41	KIT GUARNIZIONI / GASKETS KIT 1 210 088					
	1 212 846		1	APPOGGIO MOLLA Sp 2,42	LIFT SPACER h. 2,42	5	1 208 986		1	O-RING	ADAPTER O-RING
	1 212 847		1	APPOGGIO MOLLA Sp 2,43	LIFT SPACER h. 2,43	16	1 210 079		1	O-RING	O-RING
	1 212 848		1	APPOGGIO MOLLA Sp 2,44	LIFT SPACER h. 2,44	17	1 210 080		1	O-RING	O-RING
	1 212 849		1	APPOGGIO MOLLA Sp 2,45	LIFT SPACER h. 2,45	18	1 209 536		1	O-RING	O-RING
	1 212 850		1	APPOGGIO MOLLA Sp 2,46	LIFT SPACER h. 2,46	KIT VALVOLA DI RECUPERO / CHECK VALVE ASSEMBLY 1 211 915					
	1 212 851		1	APPOGGIO MOLLA Sp 2,47	LIFT SPACER h. 2,47	22	1 208 992		1	PIASTRA REGOLAZ.	CHECK PLATE
27	1 210 637		480	KIT APPOGGIO MOLLA	LIFT SPACER KIT	23	1 206 473		1	SFERA	CHECK BALL
28	1 208 996		1	BOCCOLA	SPACER SLEEVE	33	1 208 991		1	DISTANZIALE	SPACER
29	1 209 004		2	SPINA	DOWEL	34	1 208 993		1	DISTANZIALE	SPACER
30	CTRF2002N CTRF2003N	SEE CHART ON PAGE 78	1	POLVERIZZATORE	NOZZLE						
31	1 207 429		1	TAPPO DI PROTEZIONE	PLASTIC CAP						
32	1 214 265		1	PIASTRA SOLENOIDE Sp.4,97	SOLENOID PLATE Th.4,97						
	1 214 266		1	PIASTRA SOLENOIDE Sp.4,98	SOLENOID PLATE Th.4,98						
	1 214 267		1	PIASTRA SOLENOIDE Sp.4,99	SOLENOID PLATE Th.4,99						
	1 208 975		1	PIASTRA SOLENOIDE Sp.5,00	SOLENOID PLATE Th.5,00						
	1 214 268		1	PIASTRA SOLENOIDE Sp.5,01	SOLENOID PLATE Th.5,01						
	1 214 269		1	PIASTRA SOLENOIDE Sp.5,02	SOLENOID PLATE Th.5,02						
	1 214 270		1	PIASTRA SOLENOIDE Sp.5,03	SOLENOID PLATE Th.5,03						
	1 214 271		1	PIASTRA SOLENOIDE Sp.5,04	SOLENOID PLATE Th.5,04						
32	1 214 264		40	KIT PIASTRE SOLENOIDE	SOLENOID PLATES KIT						
33	1 208 976		1	DISTANZIALE	SPACER						
34	1 208 991		1	DISTANZIALE	SPACER K						
35	1 208 993		1	DISTANZIALE	SPACER K						

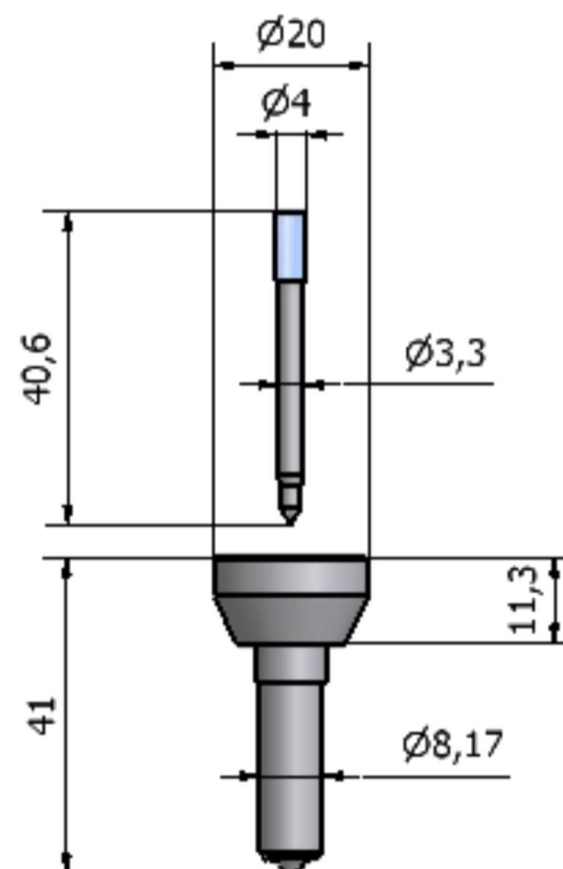
NOZZLES suitable for CATERPILLAR

CTRF2002N application 3126A - 3126B HEUI



N° HOLES = 6

CTRF2003N application 3126A - 3126B HEUI

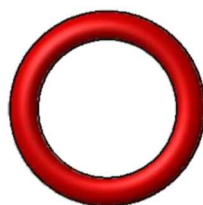


N° HOLES = 6

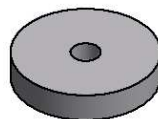
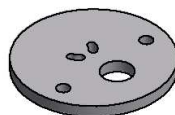
SERIE GUARNIZIONI - GASKET KIT
adattabile per
suitable for
CATERPILLAR 3126A

1 210 088

O-RING (NERO - BLACK) - Q.TY 1
REDAT CODE 1 210 079

O-RING (NERO - BLACK) - Q.TY 1
REDAT CODE 1 208 986

O-RING (ROSSO - RED) - Q.TY 1
REDAT CODE 1 209 536

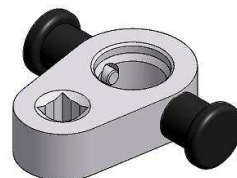
O-RING (BLU SCURO - DARK-BLUE) - Q.TY 1
REDAT CODE 1 210 080

KIT VALVOLA DI RECUPERO / CHECK VALVE ASSEMBLY*adattabile per
suitable for***CATERPILLAR
POWERSTROKE 7.3****1 211 915****PIASTRA REGOLAZ. - CHECK PLATE - Q.TY 1****REDAT CODE 1 208 992****SFERA - CHECK BALL - Q.TY 1****REDAT CODE 1 206 473****DISTANZIALE - SPACER - Q.TY 1****REDAT CODE 1 208 991****DISTANZIALE - SPACER - Q.TY 1****REDAT CODE 1 208 993**

CASSETTA ATTREZZI MONTAGGIO / SMONTAGGIO CATERPILLAR 3126A COMPLETE TOOL SET FOR CATERPILLAR 3126A ASSEMBLING / DISASSEMBLING



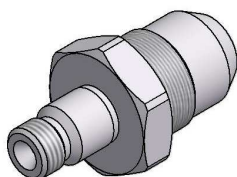
4 010 923



ATTREZZO
MONTAGGIO/
SMONTAGGIO
DADO
POLVERIZZATORE

4 021 310

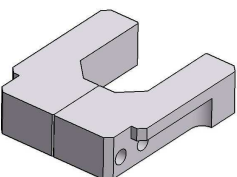
NOZZLE NUT
ASSEMBLING /
DISASSEMBLING
TOOL



ATTREZZO PROVA
POLVERIZZATORE

NOZZLE TESTING
TOOL

4 021 316



BLOCCHETTO
FISSAGGIO
INIETTORE

INJECTOR FIXING
JIG

4 021 315



CHIAVE DI
ALLINEAMENTO

ORIENTATION KEY

4 021 016

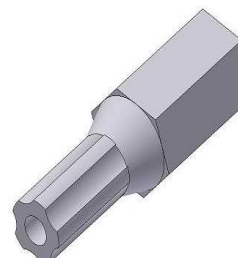


Q.TY 3

INSERTO 1/4"
TORX E 4

TORX E 4 -
1/4" INSERT

4 021 007

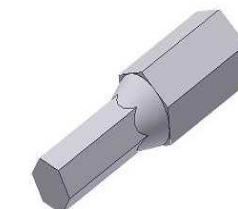


Q.TY 3

INSERTO 1/4" -
TORX TX20

TORX TX10 -
1/4" INSERT

4 021 008



Q.TY 3

INSERTO 1/4"
ESAG. CH=4

HEX. CH=4 - 1/4"
INSERT

4 021 312

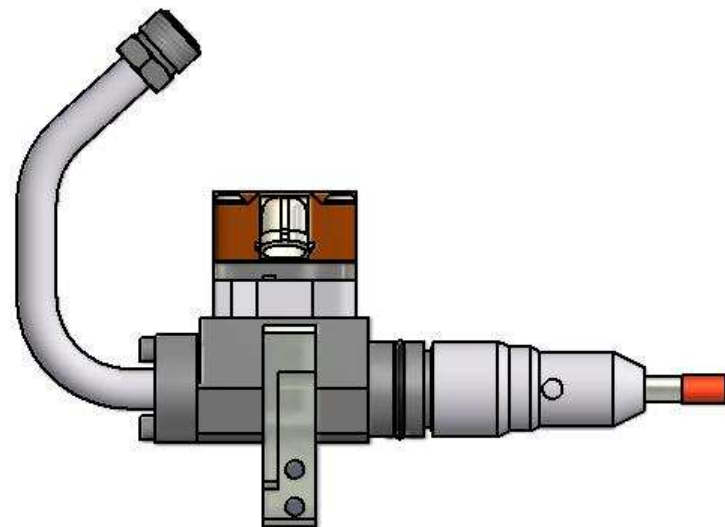
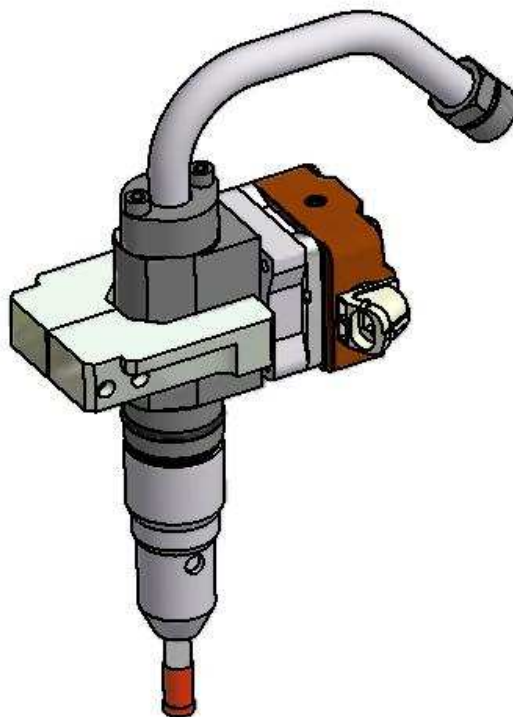
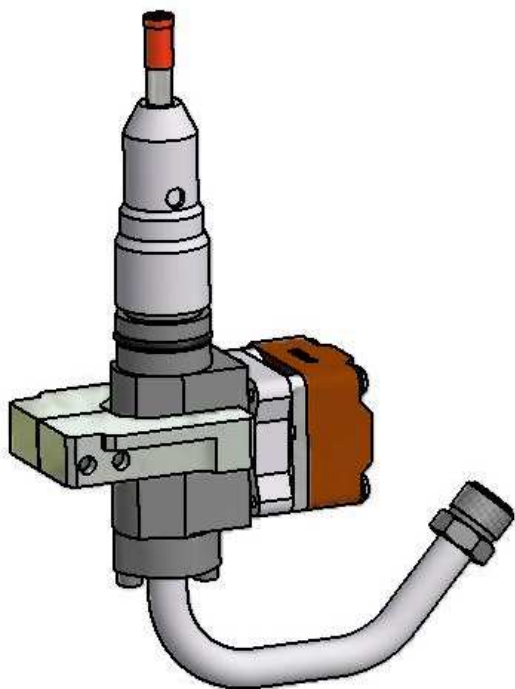
MODO DI UTILIZZO DEGLI ATTREZZI PRESENTI NELLA CASSETTA

USE OF THE TOOLS CONTAINED IN THE BOX



Consente il bloccaggio dell'iniettore per le fasi di montaggio/smontaggio componenti.

Allows to hold the injector for the assembling/disassembling of the components



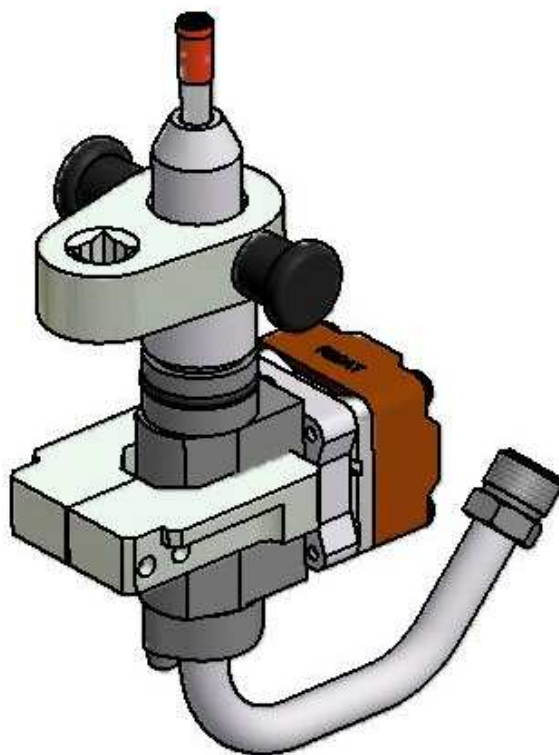
MODO DI UTILIZZO DEGLI ATTREZZI PRESENTI NELLA CASSETTA

USE OF THE TOOLS CONTAINED IN THE BOX

4 021 310

Consente il montaggio/smontaggio del dado pulverizzatore.

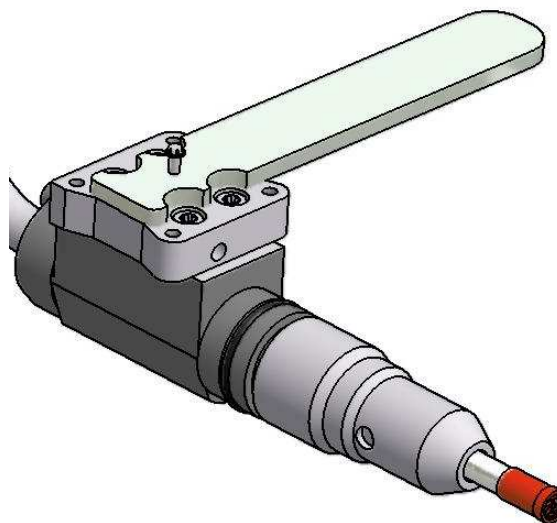
Allows to assemble and disassemble the nozzle nut.



4 021 016

Consente di ruotare in maniera corretta la valvola a fungo mediante il centraggio tra i fori sull'attrezzo e i fori delle viti.

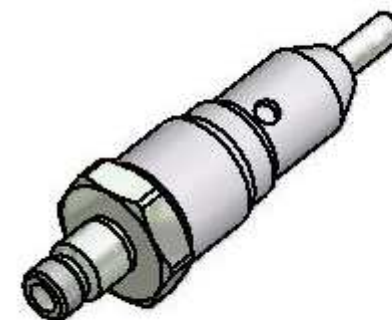
Allows to rotate correctly the poppet valve by aligning the holes on the tool with the screw holes.



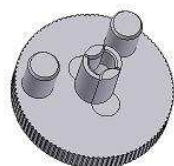
4 021 316

Consente di eseguire la prova di pulverizzazione dell'iniettore.

Allows the testing the injector nozzle.



ATTREZZI VARI PER CATERPILLAR 3126A HEUI

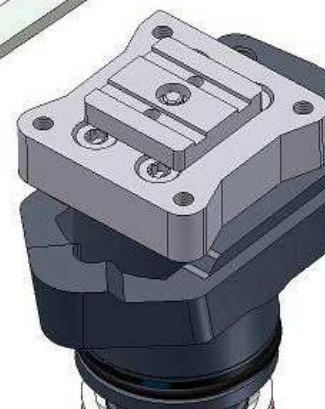
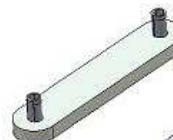

**ATTREZZO DI ORIENTAMENTO
ORIENTATION TOOL**

USATO PER IL CORRETTO
ORIENTAMENTO DELLA VALVOLA
A FUNGO,
LA POSIZIONE CORRETTA
E' QUANDO I DUE PIOLI
COINCIDONO CON I FORI DELLE
VITI

TOOL IS USED FOR THE
CORRECT ORIENTATION OF THE
POPPET VALVE,
THE RIGHT POSITION IS WHEN
THE TWO PINS ARE IN THE
SCREW HOLES

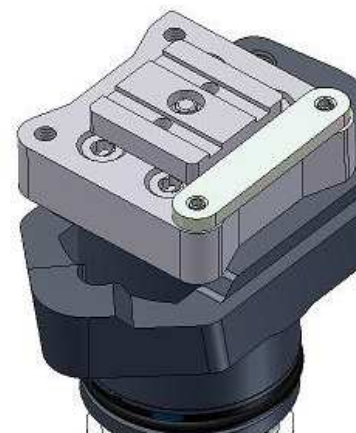
4 021 168


VARIOUS TOOLS FOR CATERPILLAR 3126A HEUI


**ATTREZZO
ANTIROTAZIONE
ANTIROTATION TOOL**

USATO PER IMPEDIRE
ALL'ARMATURA DI
RUOTARE DURANTE LO
SMONTAGGIO

TOOL NEED TO PREVENT
THE ARMATURE ROTATING
DURING DISASSEMBLING

4 021 170


ATTREZZI PER CATERPILLAR 3126A
TOOLS FOR CATERPILLAR 3126A


ATTREZZO DI SPIANTAGGIO
EXTRACTION TOOL
 USATO PER ESTRARRE
 LA BOCCOLA DALL' ADATTATORE
 (CON UN MARTELLO)

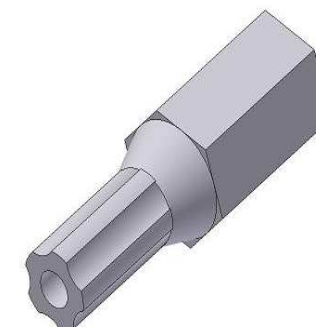
TOOL NEED FOR EXTRACT THE
 BUSH FROM ADAPTER (WITH AN
 HAMMER)

4 021 169

ATTREZZI OPZIONALI PER CATERPILLAR 3126A
OPTIONAL TOOLS FOR CATERPILLAR 3126A

4 021 175

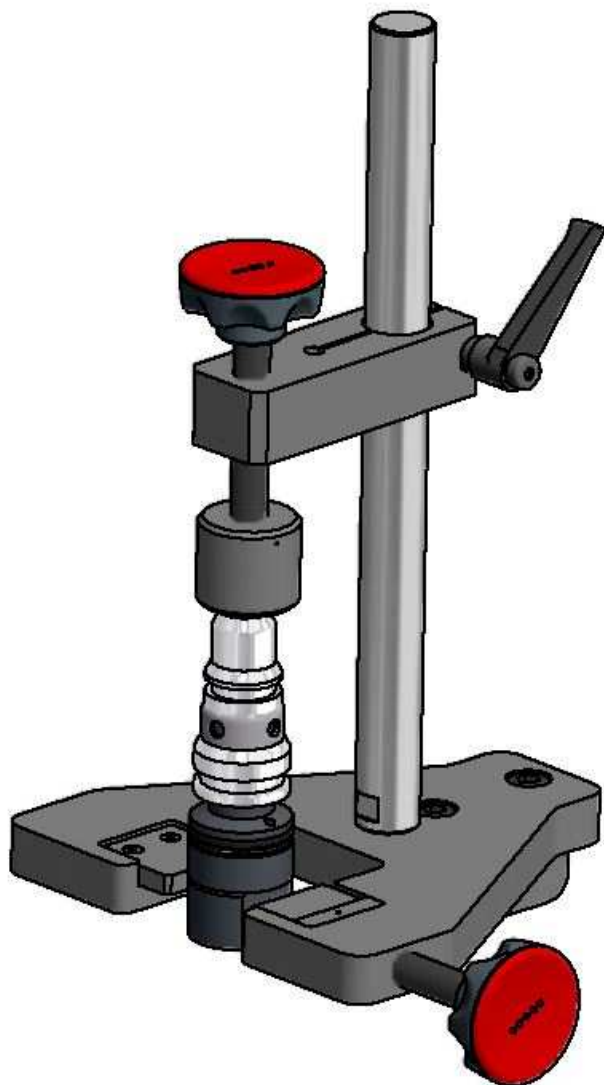
ATTREZZO DI SPIANTAGGIO PISTONE
 CONSENTE DI ESTRARRE IL PISTONE DAL CORPO INIETTORE
 ALLOWS TO EXTRACT THE PISTON FROM THE INJECTOR BODY


4 021 167

INSERTO 1/4" - TORX TX10

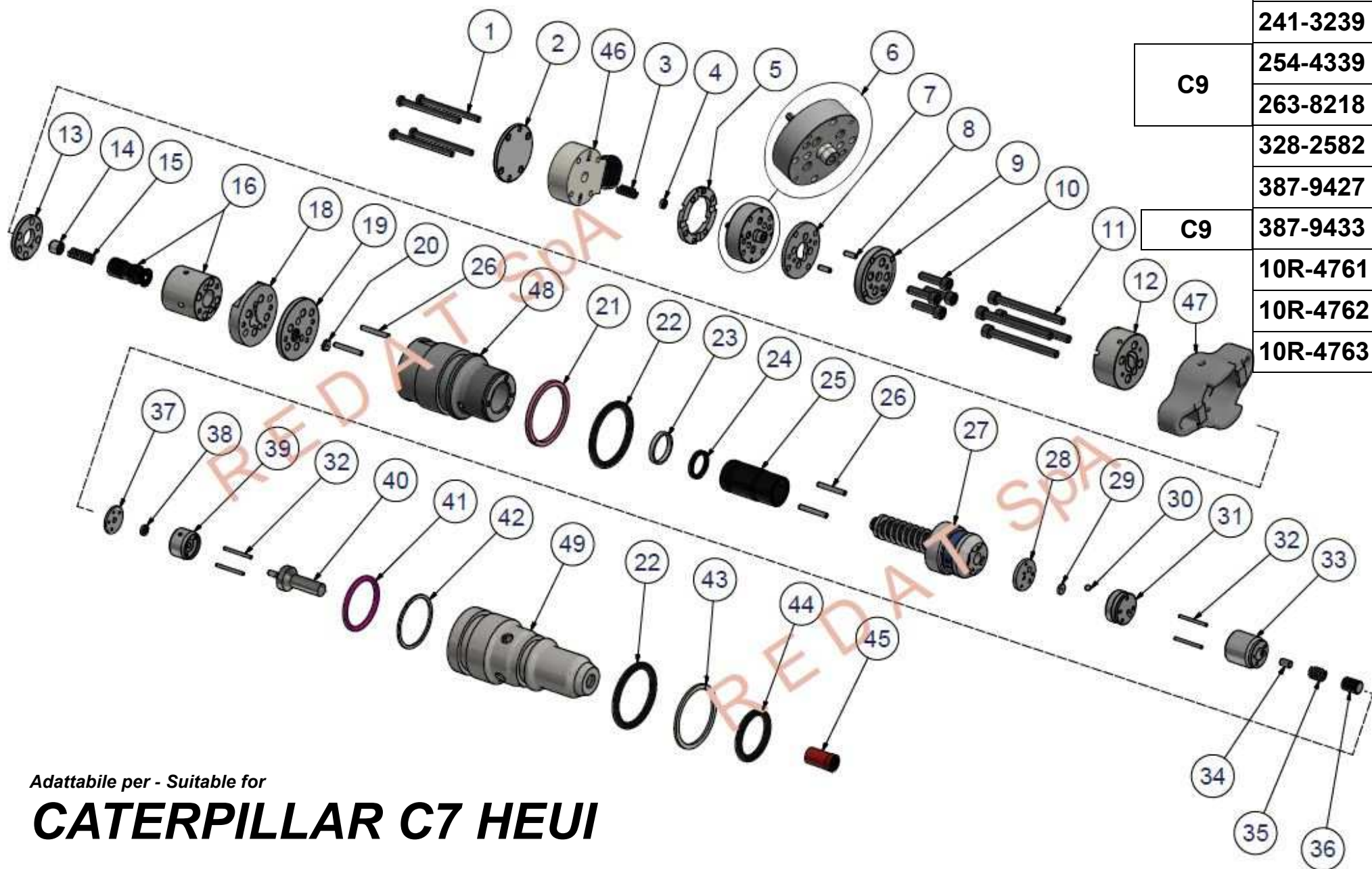
TORX TX10 - 1/4" INSERTS

ATTREZZO PRESSA POLVERIZZATORE - NOZZLE PRESS TOOL

**4 021 682**

Consente di comprimere il polverizzatore e il P&B per un corretto montaggio dei componenti evitando le rotture delle spine.

Allows to compress the nozzle and the P&B for a correct assembly of the components,

*Adattabile a iniettore - Suitable for injector***238-8091****241-3239****C9****254-4339****263-8218****328-2582****387-9427****C9****387-9433****10R-4761****10R-4762****10R-4763***Adattabile per - Suitable for***CATERPILLAR C7 HEUI**

CATERPILLAR C7 HEUI

K = ITEM INCLUDED IN KIT

RIF.	REDAT	ORIGIN.	Q.TY	DESCRIZIONE	DESCRIPTION	RIF.	REDAT	ORIGIN.	Q.TY	DESCRIZIONE	DESCRIPTION
1	1 211 597		4	VITE M3X40	SOLENOID SCREW K	5	1 214 072		1	DISTANZIALE Sp. 2,91	SPACER Th. 2,91
2	1 209 852		1	COPERCHIO SOLENOIDE	SOLENOID COVER		1 214 073		1	DISTANZIALE Sp. 2,92	SPACER Th. 2,92
3	1 211 598		1	MOLLA	SPRING		1 214 074		1	DISTANZIALE Sp. 2,93	SPACER Th. 2,93
4	1 211 637		1	APPOGGIO MOLLA Sp. 1,0	SPRING SUPPORT Th. 1,0		1 214 075		1	DISTANZIALE Sp. 2,94	SPACER Th. 2,94
	1 211 638		1	APPOGGIO MOLLA Sp. 1,1	SPRING SUPPORT Th. 1,1		1 214 076		1	DISTANZIALE Sp. 2,95	SPACER Th. 2,95
	1 211 639		1	APPOGGIO MOLLA Sp. 1,2	SPRING SUPPORT Th. 1,2		1 214 077		1	DISTANZIALE Sp. 2,96	SPACER Th. 2,96
	1 211 640		1	APPOGGIO MOLLA Sp. 1,3	SPRING SUPPORT Th. 1,3		1 214 078		1	DISTANZIALE Sp. 2,97	SPACER Th. 2,97
	1 211 641		1	APPOGGIO MOLLA Sp. 1,4	SPRING SUPPORT Th. 1,4		1 214 079		1	DISTANZIALE Sp. 2,98	SPACER Th. 2,98
	1 211 642		1	APPOGGIO MOLLA Sp. 1,5	SPRING SUPPORT Th. 1,5		1 214 080		1	DISTANZIALE Sp. 2,99	SPACER Th. 2,99
	1 211 643		1	APPOGGIO MOLLA Sp. 1,6	SPRING SUPPORT Th. 1,6	5	1 214 071		100	KIT DISTANZIALI	SPACERS KIT
	1 211 644		1	APPOGGIO MOLLA Sp. 1,7	SPRING SUPPORT Th. 1,7	6	1 211 619		1	GRUPPO REGOLATORE	REGULATOR ASSEMBLY YK
	1 211 645		1	APPOGGIO MOLLA Sp. 1,8	SPRING SUPPORT Th. 1,8	7	1 211 658		1	DISTANZIALE Sp. 2,10	SPACER Th. 2,10
	1 211 646		1	APPOGGIO MOLLA Sp. 1,9	SPRING SUPPORT Th. 1,9		1 211 659		1	DISTANZIALE Sp. 2,11	SPACER Th. 2,11
	1 211 647		1	APPOGGIO MOLLA Sp. 2,0	SPRING SUPPORT Th. 2,0		1 211 660		1	DISTANZIALE Sp. 2,12	SPACER Th. 2,12
	1 211 648		1	APPOGGIO MOLLA Sp. 2,1	SPRING SUPPORT Th. 2,1		1 211 661		1	DISTANZIALE Sp. 2,13	SPACER Th. 2,13
	1 211 649		1	APPOGGIO MOLLA Sp. 2,2	SPRING SUPPORT Th. 2,2		1 211 662		1	DISTANZIALE Sp. 2,14	SPACER Th. 2,14
	1 211 650		1	APPOGGIO MOLLA Sp. 2,3	SPRING SUPPORT Th. 2,3		1 211 663		1	DISTANZIALE Sp. 2,15	SPACER Th. 2,15
	1 211 651		1	APPOGGIO MOLLA Sp. 2,4	SPRING SUPPORT Th. 2,4		1 211 664		1	DISTANZIALE Sp. 2,16	SPACER Th. 2,16
	1 211 652		1	APPOGGIO MOLLA Sp. 2,5	SPRING SUPPORT Th. 2,5		1 211 665		1	DISTANZIALE Sp. 2,17	SPACER Th. 2,17
	1 211 653		1	APPOGGIO MOLLA Sp. 2,6	SPRING SUPPORT Th. 2,6		1 211 666		1	DISTANZIALE Sp. 2,18	SPACER Th. 2,18
	1 211 654		1	APPOGGIO MOLLA Sp. 2,7	SPRING SUPPORT Th. 2,7		1 211 667		1	DISTANZIALE Sp. 2,19	SPACER Th. 2,19
	1 211 655		1	APPOGGIO MOLLA Sp. 2,8	SPRING SUPPORT Th. 2,8		1 211 668		1	DISTANZIALE Sp. 2,20	SPACER Th. 2,20
	1 211 656		1	APPOGGIO MOLLA Sp. 2,9	SPRING SUPPORT Th. 2,9		1 211 669		1	DISTANZIALE Sp. 2,21	SPACER Th. 2,21
	1 211 657		1	APPOGGIO MOLLA Sp. 3,0	SPRING SUPPORT Th. 3,0		1 211 670		1	DISTANZIALE Sp. 2,22	SPACER Th. 2,22
4	1 209 856		210	KIT APPOGGIO MOLLA	SPRING SUPPORT KIT		1 211 671		1	DISTANZIALE Sp. 2,23	SPACER Th. 2,23
5	1 209 865		1	DISTANZIALE Sp. 2,90	SPACER Th. 2,90		1 211 672		1	DISTANZIALE Sp. 2,24	SPACER Th. 2,24

CATERPILLAR C7 HEUI

RIF.	REDAT	ORIGIN.	Q.TY	DESCRIZIONE	DESCRIPTION	RIF.	REDAT	ORIGIN.	Q.TY	DESCRIZIONE	DESCRIPTION
7	1 211 673		1	DISTANZIALE Sp. 2,25	SPACER Th. 2,25	7	1 213 663		1	DISTANZIALE Sp. 2,40	SPACER Th. 2,40
	1 211 674		1	DISTANZIALE Sp. 2,26	SPACER Th. 2,26		1 213 664		1	DISTANZIALE Sp. 2,41	SPACER Th. 2,41
	1 211 675		1	DISTANZIALE Sp. 2,27	SPACER Th. 2,27		1 213 665		1	DISTANZIALE Sp. 2,42	SPACER Th. 2,42
	1 211 676		1	DISTANZIALE Sp. 2,28	SPACER Th. 2,28		1 213 666		1	DISTANZIALE Sp. 2,43	SPACER Th. 2,43
	1 211 677		1	DISTANZIALE Sp. 2,29	SPACER Th. 2,29		1 213 667		1	DISTANZIALE Sp. 2,44	SPACER Th. 2,44
	1 211 678		1	DISTANZIALE Sp. 2,30	SPACER Th. 2,30		1 213 668		1	DISTANZIALE Sp. 2,45	SPACER Th. 2,45
7	1 211 613		105	KIT DISTANZIALI	SPACERS KIT		1 213 669		1	DISTANZIALE Sp. 2,46	SPACER Th. 2,46
	1 211 668		1	DISTANZIALE Sp. 2,20	SPACER Th. 2,20		1 213 670		1	DISTANZIALE Sp. 2,47	SPACER Th. 2,47
	1 211 669		1	DISTANZIALE Sp. 2,21	SPACER Th. 2,21		1 213 671		1	DISTANZIALE Sp. 2,48	SPACER Th. 2,48
	1 211 670		1	DISTANZIALE Sp. 2,22	SPACER Th. 2,22		1 213 672		1	DISTANZIALE Sp. 2,49	SPACER Th. 2,49
	1 211 671		1	DISTANZIALE Sp. 2,23	SPACER Th. 2,23		1 213 673		1	DISTANZIALE Sp. 2,50	SPACER Th. 2,50
	1 211 672		1	DISTANZIALE Sp. 2,24	SPACER Th. 2,24	7	1 213 653		155	KIT DISTANZIALI	SPACERS KIT
	1 211 673		1	DISTANZIALE Sp. 2,25	SPACER Th. 2,25	8	1 211 599		2	SPINA	DOWEL K
	1 211 674		1	DISTANZIALE Sp. 2,26	SPACER Th. 2,26	9	1 211 614		1	PIASTRA	PLATE K
	1 211 675		1	DISTANZIALE Sp. 2,27	SPACER Th. 2,27	10	1 211 600		4	VITE M4X16	SCREW K
	1 211 676		1	DISTANZIALE Sp. 2,28	SPACER Th. 2,28	11	1 211 601		4	VITE M4X46	SCREW K
	1 211 677		1	DISTANZIALE Sp. 2,29	SPACER Th. 2,29	12	1 211 621		1	DISTANZIALE	SPACER
	1 211 678		1	DISTANZIALE Sp. 2,30	SPACER Th. 2,30	13	1 211 629		1	DISTANZIALE	SPACER
	1 213 654		1	DISTANZIALE Sp. 2,31	SPACER Th. 2,31	14	1 211 679		1	APPOGGIO MOLLA Sp. 4,5	SPRING SUPPORT Th. 4,5
	1 213 655		1	DISTANZIALE Sp. 2,32	SPACER Th. 2,32		1 211 680		1	APPOGGIO MOLLA Sp. 4,6	SPRING SUPPORT Th. 4,6
	1 213 656		1	DISTANZIALE Sp. 2,33	SPACER Th. 2,33		1 211 681		1	APPOGGIO MOLLA Sp. 4,7	SPRING SUPPORT Th. 4,7
	1 213 657		1	DISTANZIALE Sp. 2,34	SPACER Th. 2,34		1 211 682		1	APPOGGIO MOLLA Sp. 4,8	SPRING SUPPORT Th. 4,8
	1 213 658		1	DISTANZIALE Sp. 2,35	SPACER Th. 2,35		1 211 683		1	APPOGGIO MOLLA Sp. 4,9	SPRING SUPPORT Th. 4,9
	1 213 659		1	DISTANZIALE Sp. 2,36	SPACER Th. 2,36		1 211 684		1	APPOGGIO MOLLA Sp. 5,0	SPRING SUPPORT Th. 5,0
	1 213 660		1	DISTANZIALE Sp. 2,37	SPACER Th. 2,37		1 211 685		1	APPOGGIO MOLLA Sp. 5,1	SPRING SUPPORT Th. 5,1
	1 213 661		1	DISTANZIALE Sp. 2,38	SPACER Th. 2,38		1 211 686		1	APPOGGIO MOLLA Sp. 5,2	SPRING SUPPORT Th. 5,2
	1 213 662		1	DISTANZIALE Sp. 2,39	SPACER Th. 2,39		1 211 687		1	APPOGGIO MOLLA Sp. 5,3	SPRING SUPPORT Th. 5,3

CATERPILLAR C7 HEUI

RIF.	REDAT	ORIGIN.	Q.TY	DESCRIZIONE	DESCRIPTION	RIF.	REDAT	ORIGIN.	Q.TY	DESCRIZIONE	DESCRIPTION	
14	1 211 688		1	APPOGGIO MOLLA Sp. 5,4	SPRING SUPPORT Th. 5,4	20	1 212 783		1	PIASTRA REGOLAZ: per 241-3239 10R-4761 10R-4762	CHECK PLATE for 241-3239 10R- 4761 10R-4762	
	1 211 689		1	APPOGGIO MOLLA Sp. 5,5	SPRING SUPPORT Th. 5,5	21	1 211 592		1	ANELLO TAGLIATO	RING K	
	1 211 690		1	APPOGGIO MOLLA Sp. 5,6	SPRING SUPPORT Th. 5,6	22	1 208 767	148-2903	2	O-RING	O-RING K	
	1 211 691		1	APPOGGIO MOLLA Sp. 5,7	SPRING SUPPORT Th. 5,7	23	1 209 859		1	GUARNIZIONE	GASKET K	
	1 211 692		1	APPOGGIO MOLLA Sp. 5,8	SPRING SUPPORT Th. 5,8	24	1 209 858		1	GUARNIZIONE	GASKET K	
	1 211 693		1	APPOGGIO MOLLA Sp. 5,9	SPRING SUPPORT Th. 5,9	25	1 211 635		1	GRUPPO PISTONE per 238-8091 254-4339 263-8218 328-2582 387-9427 387-9433 10R- 4763	PISTON ASSEMBLY for 238-8091 254-4339 263-8218 328-2582 387-9427 387-9433 10R-4763	
	1 211 694		1	APPOGGIO MOLLA Sp. 6,0	SPRING SUPPORT Th. 6,0							
	1 211 695		1	APPOGGIO MOLLA Sp. 6,1	SPRING SUPPORT Th. 6,1							
	1 211 696		1	APPOGGIO MOLLA Sp. 6,2	SPRING SUPPORT Th. 6,2							
	1 211 697		1	APPOGGIO MOLLA Sp. 6,3	SPRING SUPPORT Th. 6,3							
		1 211 698		1	APPOGGIO MOLLA Sp. 6,4	SPRING SUPPORT Th. 6,4		1 212 785		1	GRUPPO PISTONE per 241-3239 10R-4761 10R-4762	PISTON ASSEMBLY for 241-3239 10R-4761 10R-4762
		1 211 699		1	APPOGGIO MOLLA Sp. 6,5	SPRING SUPPORT Th. 6,5						
14	1 211 607		210	KIT APPOGGIO MOLLA	SPRING SUPPORT KIT	26	1 209 875		4	SPINA	DOWEL	
15	1 211 602		1	MOLLA	SPRING	27	SEE CHART ON PAGE 113		1	POMPANTE	P&B ASSEMBLY	
16	1 213 297		1	GRUPPO POMPANTE	PLUNGER ASSEMBLY	28	1 211 634		1	PIASTRA	PLATE	
18	1 211 624		1	PIASTRA per 238-8091 254-4339 263-8218 328- 2582 387-9427 387-9433 10R-4763	PLATE for 238-8091 254-4339 263-8218 328- 2582 387-9427 387-9433 10R-4763	29	1 208 992		1	PIASTRA REGOLAZ.	CHECK PLATE	
	1 213 584		1	PIASTRA per 241-3239 10R-4761 10R-4762	PLATE for 241-3239 10R- 4761 10R-4762	30	1 206 473		1	SFERA	BALL	
19	1 211 625		1	PIASTRA per 238-8091 254-4339 263-8218 328- 2582 387-9427 387-9433 10R-4763	PLATE for 238-8091 254-4339 263-8218 328- 2582 387-9427 387-9433 10R-4763	31	1 211 633		1	DISTANZIALE	SPACER	
	1 212 922		1	PIASTRA per 241-3239 10R-4761 10R-4762	PLATE for 241-3239 10R- 4761 10R-4762	32	1 208 998		4	SPINA	DOWEL	
						33	1 211 626		1	BOCCOLA	BUSH	
20	1 211 610		1	PIASTRA REGOLAZ. per 238-8091 254-4339 263-8218 328-2582 387- 9427 387-9433 10R-4763	CHECK PLATE for 238-8091 254-4339 263-8218 328-2582 387- 9427 387-9433 10R-4763	34	1 209 873		1	PERNO	PIN	
						35	1 211 603		1	MOLLA	SPRING	
						36	1 211 706		1	APPOGGIO MOLLA Sp. 9,6	SPRING SUPPORT Th. 9,6	
							1 213 609		1	APPOGGIO MOLLA Sp. 9,65	SPRING SUPPORT Th. 9,65	

CATERPILLAR C7 HEUI

RIF.	REDAT	ORIGIN.	Q.TY	DESCRIZIONE	DESCRIPTION	RIF.	REDAT	ORIGIN.	Q.TY	DESCRIZIONE	DESCRIPTION
36	1 211 707		1	APPOGGIO MOLLA Sp. 9,7	SPRING SUPPORT Th. 9,7	41	1 209 847		1	O-RING	O-RING K
	1 213 610		1	APPOGGIO MOLLA Sp. 9,75	SPRING SUPPORT Th. 9,75	42	1 209 846		1	O-RING	O-RING K
	1 211 708		1	APPOGGIO MOLLA Sp. 9,8	SPRING SUPPORT Th. 9,8	43	1 208 769	149-5240	1	GUARNIZIONE AD ANELLO	GASKET RING K
	1 213 611		1	APPOGGIO MOLLA Sp. 9,85	SPRING SUPPORT Th. 9,85	44	1 208 768	109-3207	1	O-RING	O-RING K
	1 211 709		1	APPOGGIO MOLLA Sp. 9,9	SPRING SUPPORT Th. 9,9	45	1 207 429		1	TAPPO DI PRTEZIONE	PLASTIC CAP
	1 213 612		1	APPOGGIO MOLLA Sp. 9,95	SPRING SUPPORT Th. 9,95	46	1 209 869		1	SOLENOIDE	SOLENOID
	1 211 710		1	APPOGGIO MOLLA Sp. 10,0	SPRING SUPPORT Th. 10,0	47	1 215 195		1	STAFFA di FISSAGGIO	MOUNTING BRACKET
	1 213 613		1	APPOGGIO MOLLA Sp.10,05	SPRING SUPPORT Th.10,05	48	1 215 197		1	CORPO INIETTORE	INJECTOR BODY
	1 211 711		1	APPOGGIO MOLLA Sp.10,1	SPRING SUPPORT Th. 10,1	49	1 215 196		1	DADO POLVERIZZATORE	NOZZLE NUT
	1 213 614		1	APPOGGIO MOLLASp.10,15	SPRING SUPPORT Th.10,15						
	1 211 712		1	APPOGGIO MOLLA Sp.10,2	SPRING SUPPORT Th. 10,2						
	1 213 615		1	APPOGGIO MOLLA Sp.10,25	SPRING SUPPORT Th.10,25						
	1 211 713		1	APPOGGIO MOLLA Sp.10,3	SPRING SUPPORT Th. 10,3						
	36	1 213 608		75	KIT APPOGGIO MOLLA	SPRING SUPPORT KIT					
37	1 211 632		1	PIASTRA	PLATE						
38	1 211 604		1	GUARNIZIONE	GASKET K						
39	1 211 631		1	DISTANZIALE POLVERIZ.	NOZZLE SPACER						
40			1	POLVERIZZATORE	NOZZLE						
	CTRF2019N	SEE PAGE 110 - 111									
	CTRF2030N										
	CTRF2020N										
	CTRF2028N										
	CTRF2020N										
	CTRF2020N										
	CTRF2028N										

CATERPILLAR C7 HEUI

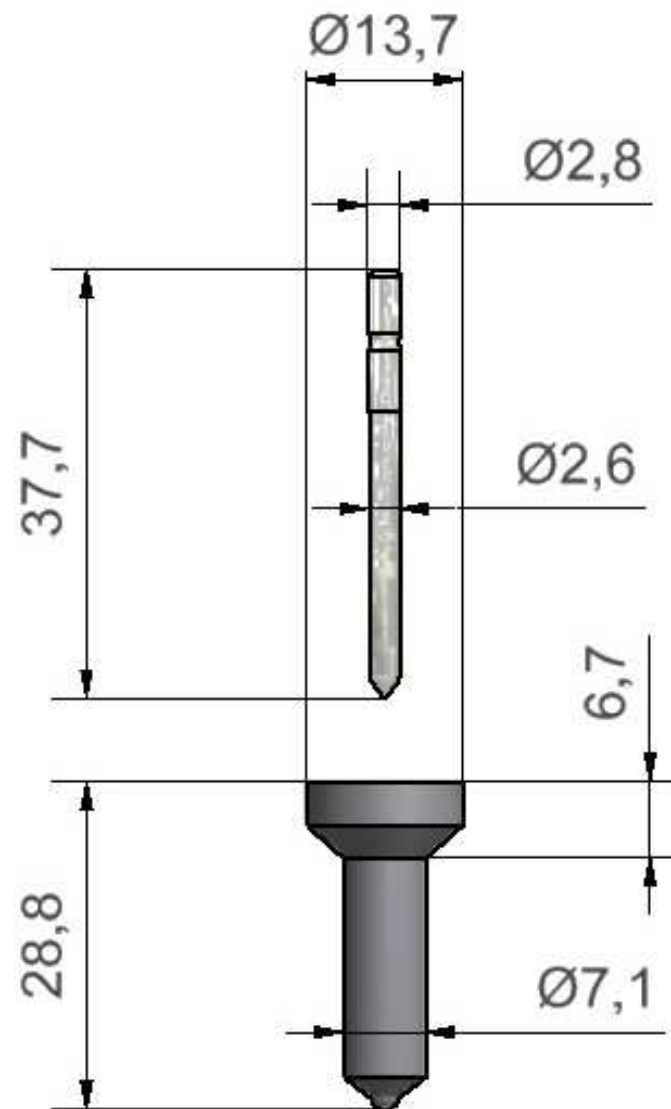
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KIT GUARNIZIONI INTERNE / INTERNAL KIT 1 211 636						KIT GUARNIZIONI PISTONE / PISTON GASKETS KIT 1 210 850					
1	1 211 597		4	VITE M3X40	SOLENOID SCREW	23	1 209 859		1	GUARNIZIONE	GASKET
10	1 211 600		4	VITE M4X16	SCREW	24	1 209 858		1	GUARNIZIONE	GASKET
11	1 211 601		4	VITE M4X46	SCREW						
38	1 211 604		1	GUARNIZIONE	GASKET	GRUPPO POMPANTE / PLUNGER ASSEMBLY 1 213 297					
41	1 209 847		1	O-RING	O-RING						
42	1 209 846		1	O-RING	O-RING	GRUPPO REGOLATORE / REGULATOR ASSEMBLY 1 211 619					
KIT GUARNIZIONI ESTERNE / EXTERNAL KIT 1 211 593 CAT297-4841						GRUPPO REGOLATORE COMPLETO REGULATOR ASSEMBLY COMPLETE 1 213 472					
21	1 211 592		1	ANELLO TAGLIATO	RING	6	1 211 619		1	GRUPPO REGOLATORE	REGULATOR ASSEMBLY
22	1 208 767	148-2903	2	O-RING	O-RING	7	?		1	DISTANZIALE	SPACER
43	1 208 769	149-5240	1	GUARNIZIONE AD ANELLO	GASKET RING	8	1 211 599		2	SPINA	DOWEL
44	1 208 768	109-3207	1	O-RING	O-RING	9	1 211 614		1	PIASTRA	PLATE
						10	1 211 600		4	VITE M4X16	SCREW
GRUPPO PISTONE / PISTON ASSEMBLY 1 211 635 per / for 238-8091 / 254-4339 / 263-8218 / 328-2582 / 387-9427 / 387-9433 / 10R-4763											
23	1 209 859		1	GUARNIZIONE	GASKET						
24	1 209 858		1	GUARNIZIONE	GASKET						
			1	PISTONE	PISTON						
GRUPPO PISTONE / PISTON ASSEMBLY 1 212 785 per / for 241-3239 / 10R-4761 / 10R-4762											
23	1 209 859		1	GUARNIZIONE	GASKET						
24	1 209 858		1	GUARNIZIONE	GASKET						
			1	PISTONE	PISTON						

NOZZLES suitable for CATERPILLAR

CTRF2019N application C7
part number 328-2583
10R-4761

CTRF2020N application C7
part number 387-9427
387-9428
10R-4763
10R-7225
C9 263-8218

CTRF2030N application C7
part number 328-2584
10R-4762



N° HOLES = 6

NOZZLES suitable for CATERPILLAR

CTRF2028N application C9

part number 254-4339

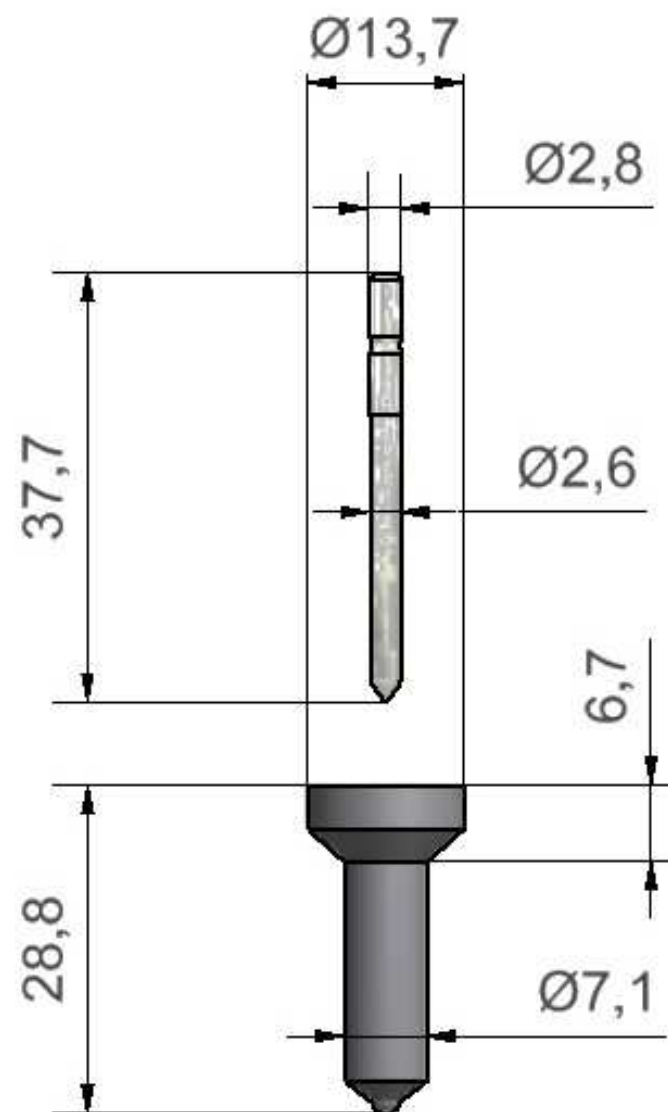
328-2577

387-9433

387-9438

10R-4764

10R-7222

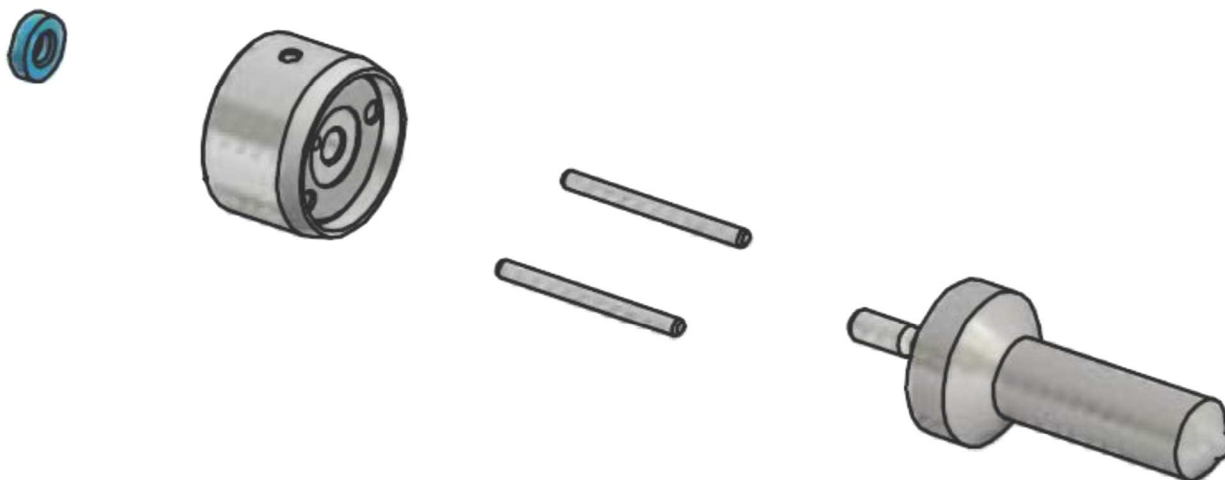


N° HOLES = 5

GRUPPI POLVERIZZATORE NOZZLE GROUPS

CATERPILLAR C7

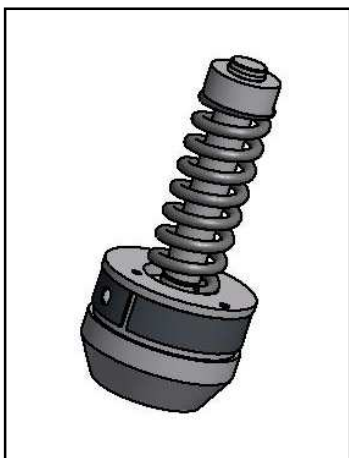
NOZZLE GROUP



P/N INJECTOR	NOZZLE GROUP
328-2583 (C7) 10R-4761 (C7)	CTRF9516N
328-2584 (C7) 10R-4762 (C7)	CTRF9517N
387-9427 (C7) 387-9428 (C7) 263-8218 (C9) 10R-4763 (C7) 10R-7225 (C7)	CTRF9518N
254-4339 (C9) 328-2577 (C9) 387-9433 (C9) 387-9438 (C9) 10R-4764 (C9) 10R-7222 (C9)	CTRF9519N

PLUNGER & BARREL

CATERPILLAR C7



P/N INJECTOR	PLUNGER & BARREL
238-8091	CTRF0003
241-3239	
254-4339	
263-8218	
328-2582	
387-9427	
387-9433	

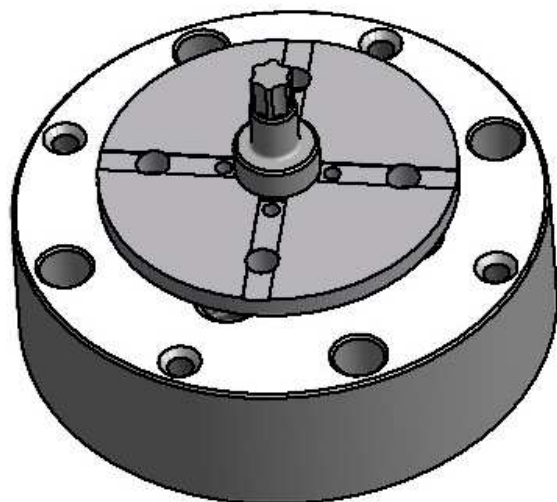
GRUPPO REGOLATORE - REGULATOR ASSEMBLY

*adattabile per
suitable for*

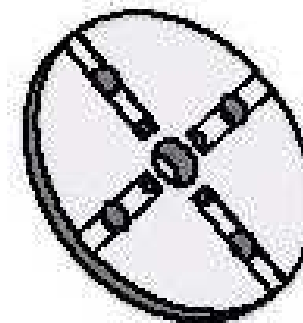
CATERPILLAR SERIE C7 HEUI



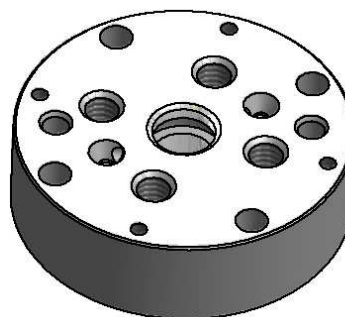
1 211 619



PERNO - PIN



PIASTRA - PLATE



PIASTRA - PLATE

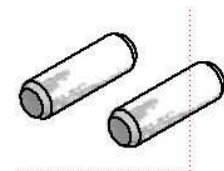
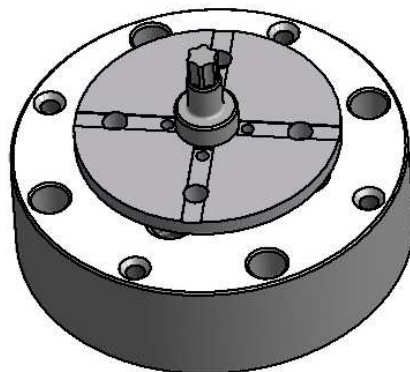
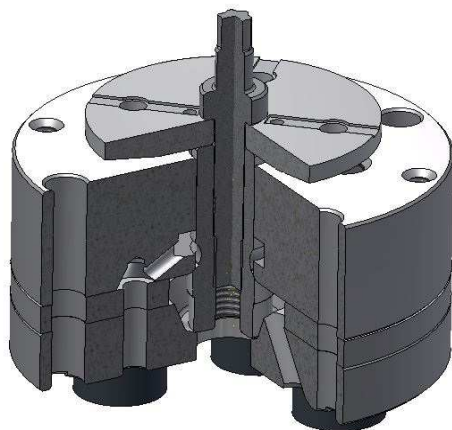
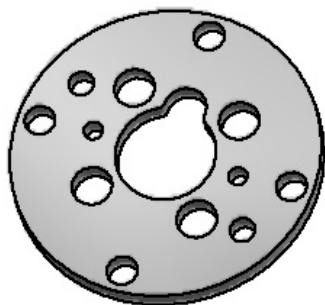


PERNO FILETTATO - THREADED PIN

GRUPPO REGOLATORE COMPLETO
REGULATOR ASSEMBLY COMPLETE

adattabile per
suitable for

CATERPILLAR SERIE C7 HEUI

1 213 472

GRUPPO REGOLATORE
REGULATOR ASSEMBLY
SPINA - DOWEL QTY 2
REDAT CODE 1 211 619
REDAT CODE 1 211 599

DISTANZIALI - SPACER
PIASTRA - PLATE
VITE- SCREW QTY 4
REDAT CODE ?
REDAT CODE 1 211 614
REDAT CODE 1 211 600

GRUPPO POMPANTE - PLUNGER ASSEMBLY

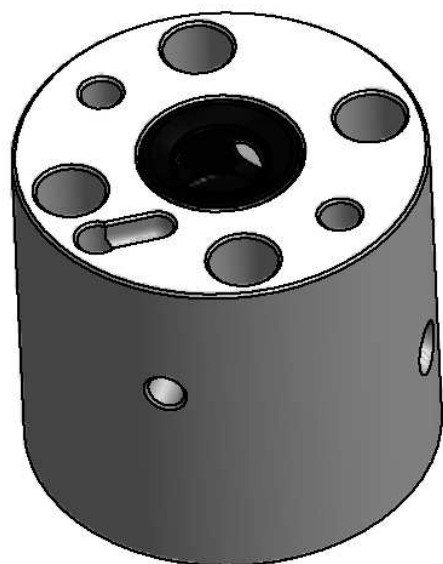
adattabile per

suitable for

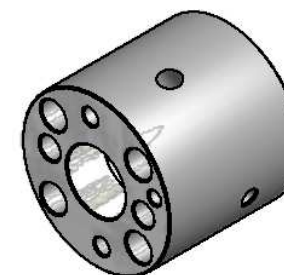
CATERPILLAR SERIE C7 HEUI



1 213 297



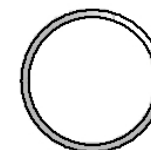
PERNO - PIN



BOCCOLA - BUSH

GRUPPO PISTONE - PISTON ASSEMBLY

adattabile per **CATERPILLAR SERIE C7 HEUI**

suitable for 238-8091 / 254-4339 / 263-8218 / 328-2582 / 387-9427 /
387-9433 / 10R-4763

O-RING (GUARNIZIONE - GASKET) - Q.TY 1
O-RING (GUARNIZIONE - GASKET) - Q.TY 1
REDAT CODE 1 209 858
REDAT CODE 1 209 859

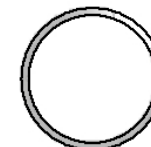
PISTONE - PISTON - Q.TY 1

GRUPPO PISTONE - PISTON ASSEMBLY

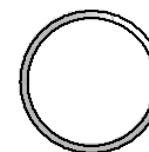
adattabile per **CATERPILLAR SERIE C7 HEUI**

suitable for **241-3239 / 10R-4761 / 10R-4762**

1 212 785

O-RING (GUARNIZIONE - GASKET) - Q.TY 1
REDAT CODE 1 209 858

O-RING (GUARNIZIONE - GASKET) - Q.TY 1
REDAT CODE 1 209 859

PISTONE - PISTON - Q.TY 1

KIT GUARNIZIONI PISTONE - PISTON GASKETS KIT*adattabile per**suitable for***CATERPILLAR SERIE C7 HEUI****1 210 850****O-RING (GUARNIZIONE - GASKET) - Q.TY 1****O-RING (GUARNIZIONE - GASKET) - Q.TY 1****REDAT CODE 1 209 858****REDAT CODE 1 209 859**

Usare attrezzo 4 021 501 per
montaggio con il pistone.

*Use the 4 021 501 tool to
assemble with the piston*



4 021 501

ATTREZZATURA PER L'INSERIMENTO ANELLI NEL PISTONE CAT-C7

CAT-C7 PISTON RINGS INSERTION TOOL

ISTRUZIONI D' USO - INSTRUCTIONS



-Appoggiare all'estremità del pistone la boccola conica.

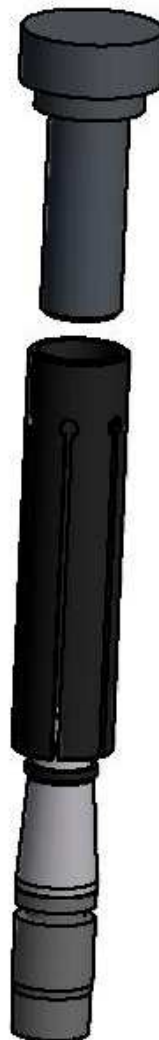
- Lubrificare la parte conica per un minore attrito degli anelli in fase di inserimento.

- Successivamente sopra di essa appoggiare l'anello più piccolo (1209858).

-Lean the end of the piston on the conical bush

- Lubricate the conical part to lower the friction of the rings during the insertion

- Then put the smaller ring (1 209 858) on top of it



- Fare pressione sul pomello fino a fine corsa.

- Press the knob to the end of the stroke

- Ripetere le stesse operazioni con l'anello più grande (1209859).

- Repeat the same operations with the bigger ring (1 209 859)





- Lubrificare la zona di inserimento del perno di posizionamento per favorire le operazioni ed evitare danni all'anello.

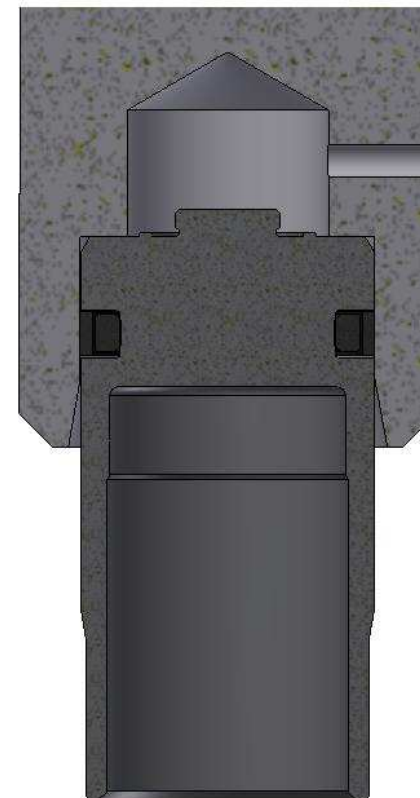
- Lubricate the de zone of the positioning pin in order to ease the operations and avoid damages to the ring.

- Spingere il perno posizionario fino a fine corsa e mantenerlo per qualche secondo, per garantire un corretto alloggiamento degli anelli nella sede del pistone.

- Push the positioning pin to the end of the stroke and hold it in place for a few seconds, to assure the correct placement of the rings on the seat of the piston.

- Sfilare il perno e controllare il corretto inserimento. L'anello non deve avere gioco.

- Pull out the pin and check the correct insertion. The ring shall not have any clearance.



SERIE GUARNIZIONI INTERNA PER INIETTORE - INTERNAL GASKET KIT

adattabile per

suitable for

CATERPILLAR SERIE C7 HEUI

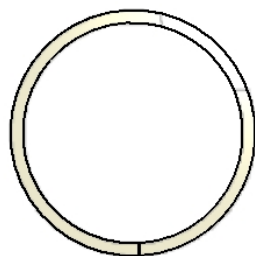


1 211 636



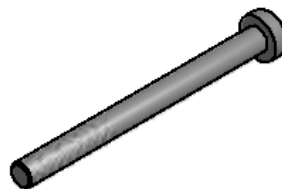
O-RING (GUARNIZIONE - GASKET) -
AZZURRO - AZURE
Q.TY 1

REDAT CODE 1 211 604



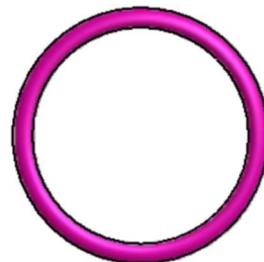
GUARNIZIONE - GASKET (BEIGE - BEIGE) -
Q.TY 1

REDAT CODE 1 209 846



VITE - SCREW M3 x 40 - Q.TY 4

REDAT CODE 1 211 597



O-RING (LILLA - LILAC) - Q.TY 1

REDAT CODE 1 209 847



VITE - SCREW M4 x 46 - Q.TY 4

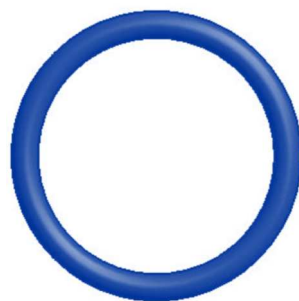
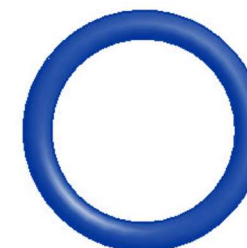
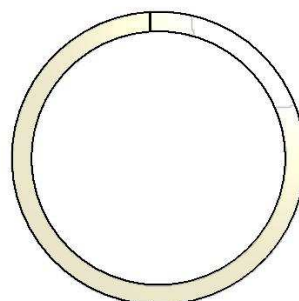
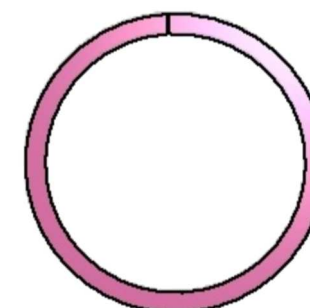
REDAT CODE 1 211 601



VITE - SCREW M4 x 16 - Q.TY 4

REDAT CODE 1 211 600

SERIE GUARNIZIONI PER INIETTORI - GASKET KIT
adattabile per
suitable for
CAT 297-4841

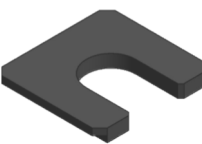
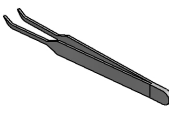
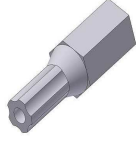
1 211 593

O-RING (BLU SCURO - *DARK BLUE*) - Q.TY 2
REDAT CODE 1 208 767

O-RING (BLU SCURO-*DARK BLUE*) - Q.TY 1
REDAT CODE 1 208 768

GUARNIZIONE-GASKET (*BEIGE*) - Q.TY 1
REDAT CODE 1 208 769

GUARNIZIONE-GASKET (*ROSA - PINK*) - Q.TY 1
REDAT CODE 1 211 592

CASSETTA ATTREZZI MONTAGGIO / SMONTAGGIO CATERPILLAR SERIE C7 HEUI
COMPLETE TOOL SET FOR CATERPILLAR SERIE C7 HEUI ASSEMBLING / DISASSEMBLING

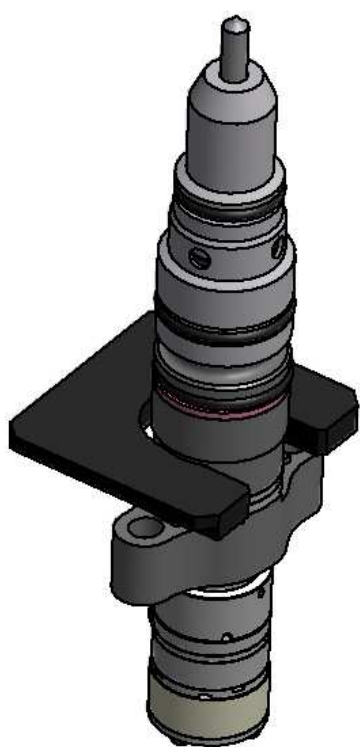


4 010 939



	ATTREZZO DI MONTAGGIO / SMONTAGGIO DADO POLVERIZZATORE NOZZLE NUT ASSEMBLING / DISASSEMBLING TOOL	4 021 293
	ATTREZZO PROVA POLVERIZZATORE NOZZLE TESTING TOOL	4 021 562
	BLOCCHETTO FISSAGGIO INIETTORE INJECTOR FIXING JIG	4 021 563
	CONI INSERIMENTO O-RINGS O-RINGS INSTALLATION TOOL	4 021 663 4 021 665
	PINZETTA DI PRECISIONE PRECISION TWEEZER	4 010 903
	UNCINO A 90° 90° HOOK	4 021 678
	ATTREZZO DI SPIANTAGGIO PISTONE EXTRACTION TOOL PISTON	4 021 175
	INSERTO 1/4" - TORX TX25 TORX TX25 - 1/4" INSERT Q.TY 3	4 021 098
	INSERTO 1/4" - TORX TX10 TORX TX10- 1/4" INSERT Q.TY 3	4 021 167

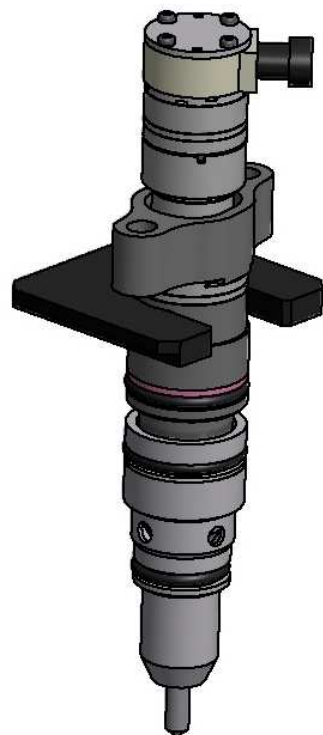
MODO DI UTILIZZO DEGLI ATTREZZI PRESENTI NELLA CASSETTA
USE OF THE TOOLS CONTAINED IN THE BOX



4 021 563.

Consente il fissaggio dell'iniettore per le fasi di montaggio/smontaggio componenti.

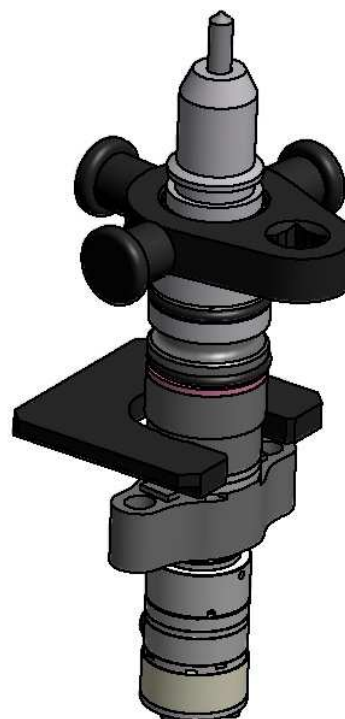
Allows to hold the injector body for the assembling and disassembling of the parts .



4 021 293

Consente il montaggio/smontaggio del dado polverizzatore.

Allows to assembling and disassembling the nozzle nut.

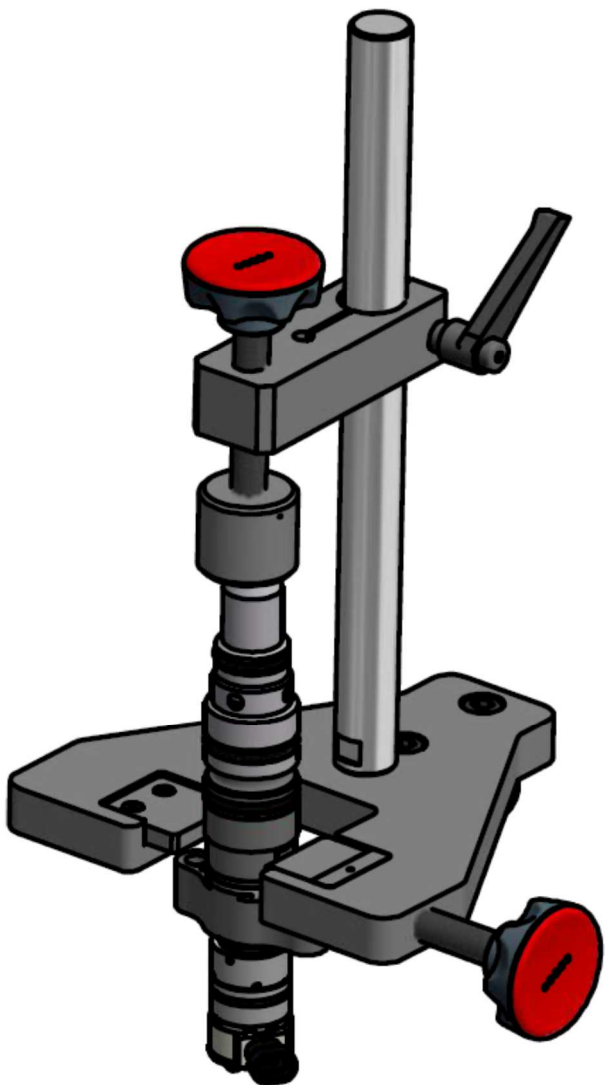


4 021 562

Consente di eseguire la prova di polverizzazione dell'iniettore.

Allows to perform the injector spray test.

ATTREZZO PRESSA POLVERIZZATORE / NOZZLE PRESS TOOL

**4 021 682**

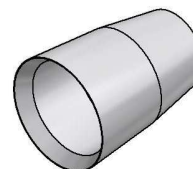
Consente di comprimere il pulverizzatore e il P&B per un corretto montaggio dei componenti evitando le rotture delle spine.

Allows to compress the nozzle and the P&B for a correct assembly of the components, avoiding pins breaks.

CASSETTA CONI INSERIMENTO O-RINGS / O-RINGS INSTALLATION TOOL SET FORD POWERSTROKE 7.3 / NAVISTAR HEUI / CATERPILLAR / PERKINS

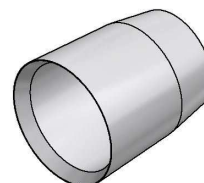


4 010 957



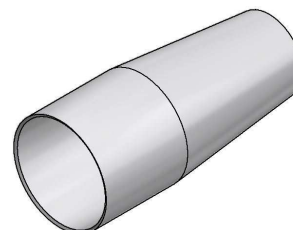
CONO INSERIMENTO
INSTALLATION TOOL

4 021 661



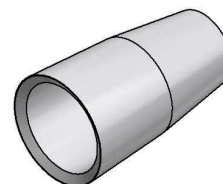
CONO INSERIMENTO
INSTALLATION TOOL

4 021 663



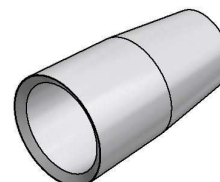
CONO INSERIMENTO
INSTALLATION TOOL

4 021 664



CONO INSERIMENTO
INSTALLATION TOOL

4 021 665

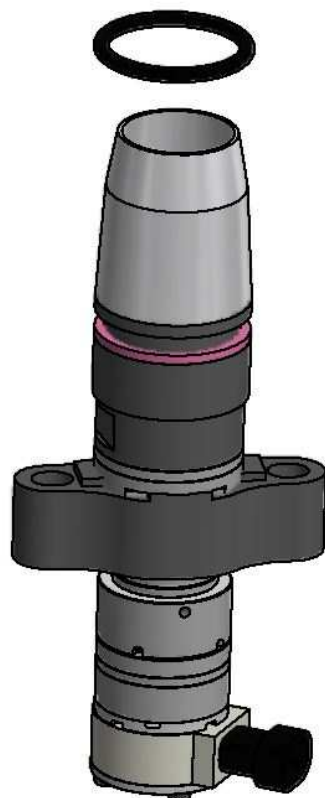


CONO INSERIMENTO
INSTALLATION TOOL

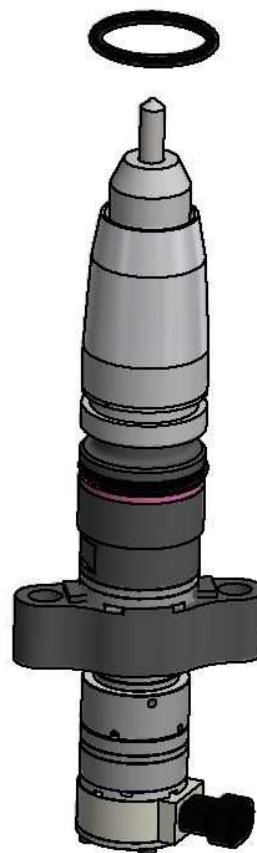
4 021 666



4 021 663

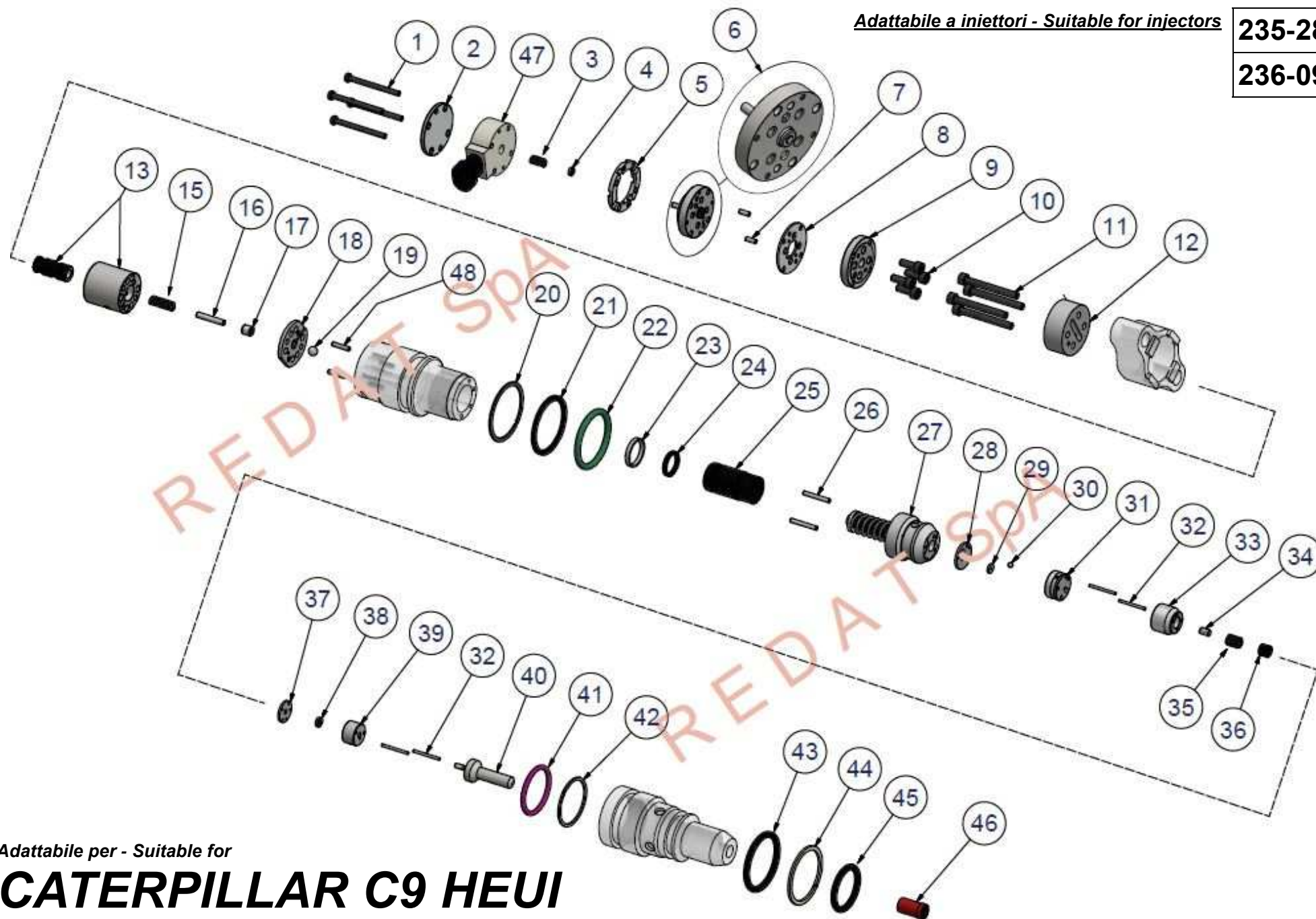


4 021 663



4 021 665





CATERPILLAR C9 HEUI

K = ITEM INCLUDED IN KIT

RIF.	REDAT	ORIGIN.	Q.TY	DESCRIZIONE	DESCRIPTION	RIF.	REDAT	ORIGIN.	Q.TY	DESCRIZIONE	DESCRIPTION
1	1 209 860		4	VITE M3X35	SOLENOID SCREW K	5	1 214 072		1	DISTANZIALE Sp. 2,91	SPACER Th. 2,91
2	1 209 852		1	COPERCHIO SOLENOIDE	SOLENOID COVER		1 214 073		1	DISTANZIALE Sp. 2,92	SPACER Th. 2,92
3	1 209 871		1	MOLLA	SPRING		1 214 074		1	DISTANZIALE Sp. 2,93	SPACER Th. 2,93
4	1 211 637		1	APPOGGIO MOLLA Sp. 1,0	SPRING SUPPORT Th. 1,0		1 214 075		1	DISTANZIALE Sp. 2,94	SPACER Th. 2,94
	1 211 638		1	APPOGGIO MOLLA Sp. 1,1	SPRING SUPPORT Th. 1,1		1 214 076		1	DISTANZIALE Sp. 2,95	SPACER Th. 2,95
	1 211 639		1	APPOGGIO MOLLA Sp. 1,2	SPRING SUPPORT Th. 1,2		1 214 077		1	DISTANZIALE Sp. 2,96	SPACER Th. 2,96
	1 211 640		1	APPOGGIO MOLLA Sp. 1,3	SPRING SUPPORT Th. 1,3		1 214 078		1	DISTANZIALE Sp. 2,97	SPACER Th. 2,97
	1 211 641		1	APPOGGIO MOLLA Sp. 1,4	SPRING SUPPORT Th. 1,4		1 214 079		1	DISTANZIALE Sp. 2,98	SPACER Th. 2,98
	1 211 642		1	APPOGGIO MOLLA Sp. 1,5	SPRING SUPPORT Th. 1,5		1 214 080		1	DISTANZIALE Sp. 2,99	SPACER Th. 2,99
	1 211 643		1	APPOGGIO MOLLA Sp. 1,6	SPRING SUPPORT Th. 1,6	5	1 214 071		100	KIT DISTANZIALI	SPACERS KIT
	1 211 644		1	APPOGGIO MOLLA Sp. 1,7	SPRING SUPPORT Th. 1,7	6	1 209 857		1	GRUPPO REGOLATORE	REGULATOR ASSEMBLY K
	1 211 645		1	APPOGGIO MOLLA Sp. 1,8	SPRING SUPPORT Th. 1,8	7	1 209 876		2	SPINA	DOWEL K
	1 211 646		1	APPOGGIO MOLLA Sp. 1,9	SPRING SUPPORT Th. 1,9	8	1 214 034		1	DISTANZIALE Sp. 0,91	SPACER Th. 0,91
	1 211 647		1	APPOGGIO MOLLA Sp. 2,0	SPRING SUPPORT Th. 2,0		1 214 035		1	DISTANZIALE Sp. 0,92	SPACER Th. 0,92
	1 211 648		1	APPOGGIO MOLLA Sp. 2,1	SPRING SUPPORT Th. 2,1		1 214 036		1	DISTANZIALE Sp. 0,93	SPACER Th. 0,93
	1 211 649		1	APPOGGIO MOLLA Sp. 2,2	SPRING SUPPORT Th. 2,2		1 214 037		1	DISTANZIALE Sp. 0,94	SPACER Th. 0,94
	1 211 650		1	APPOGGIO MOLLA Sp. 2,3	SPRING SUPPORT Th. 2,3		1 213 710		1	DISTANZIALE Sp. 0,95	SPACER Th. 0,95
	1 211 651		1	APPOGGIO MOLLA Sp. 2,4	SPRING SUPPORT Th. 2,4		1 213 711		1	DISTANZIALE Sp. 0,96	SPACER Th. 0,96
	1 211 652		1	APPOGGIO MOLLA Sp. 2,5	SPRING SUPPORT Th. 2,5		1 213 712		1	DISTANZIALE Sp. 0,97	SPACER Th. 0,97
	1 211 653		1	APPOGGIO MOLLA Sp. 2,6	SPRING SUPPORT Th. 2,6		1 213 713		1	DISTANZIALE Sp. 0,98	SPACER Th. 0,98
	1 211 654		1	APPOGGIO MOLLA Sp. 2,7	SPRING SUPPORT Th. 2,7		1 213 714		1	DISTANZIALE Sp. 0,99	SPACER Th. 0,99
	1 211 655		1	APPOGGIO MOLLA Sp. 2,8	SPRING SUPPORT Th. 2,8		1 213 715		1	DISTANZIALE Sp. 1,00	SPACER Th. 1,00
	1 211 656		1	APPOGGIO MOLLA Sp. 2,9	SPRING SUPPORT Th. 2,9		1 213 716		1	DISTANZIALE Sp. 1,01	SPACER Th. 1,01
	1 211 657		1	APPOGGIO MOLLA Sp. 3,0	SPRING SUPPORT Th. 3,0		1 213 717		1	DISTANZIALE Sp. 1,02	SPACER Th. 1,02
4	1 209 856		210	KIT APPOGGIO MOLLA	SPRING SUPPORT KIT		1 213 718		1	DISTANZIALE Sp. 1,03	SPACER Th. 1,03
5	1 209 865		1	DISTANZIALE SOLENOIDE	SOLENOID SPACER		1 213 719		1	DISTANZIALE Sp. 1,04	SPACER Th. 1,04

CATERPILLAR C9 HEUI

RIF.	REDAT	ORIGIN.	Q.TY	DESCRIZIONE		DESCRIPTION		RIF.	REDAT	ORIGIN.	Q.TY	DESCRIZIONE		DESCRIPTION	
8	1 213 720		1	DISTANZIALE	Sp. 1,05	SPACER	Th. 1,05	8	1 211 737		1	DISTANZIALE	Sp. 1,31	SPACER	Th. 1,31
	1 213 721		1	DISTANZIALE	Sp. 1,06	SPACER	Th. 1,06		1 211 738		1	DISTANZIALE	Sp. 1,32	SPACER	Th. 1,32
	1 213 722		1	DISTANZIALE	Sp. 1,07	SPACER	Th. 1,07		1 211 739		1	DISTANZIALE	Sp. 1,33	SPACER	Th. 1,33
	1 213 723		1	DISTANZIALE	Sp. 1,08	SPACER	Th. 1,08		1 211 740		1	DISTANZIALE	Sp. 1,34	SPACER	Th. 1,34
	1 213 724		1	DISTANZIALE	Sp. 1,09	SPACER	Th. 1,09		1 211 741		1	DISTANZIALE	Sp. 1,35	SPACER	Th. 1,35
	1 213 725		1	DISTANZIALE	Sp. 1,10	SPACER	Th. 1,10	8	1 209 863		210	KIT DISTANZIALI		SPACERS KIT	
	1 213 726		1	DISTANZIALE	Sp. 1,11	SPACER	Th. 1,11	9	1 209 853		1	PIASTRA		PLATE	K
	1 213 727		1	DISTANZIALE	Sp. 1,12	SPACER	Th. 1,12	10	1 209 861		4	VITE M4X10		SCREW	K
	1 213 728		1	DISTANZIALE	Sp. 1,13	SPACER	Th. 1,13	11	1 209 862		4	VITE M4X35		SCREW	K
	1 213 729		1	DISTANZIALE	Sp. 1,14	SPACER	Th. 1,14	12	1 209 854		1	DISTANZIALE		SPACER	
	1 213 709		240	KIT DISTANZIALI		SPACERS KIT		13	1 213 298		1	GRUPPO POMPANTE		PLUNGER ASSEMBLY	
8	1 211 721		1	DISTANZIALE	Sp. 1,15	SPACER	Th. 1,15	15	1 209 870		1	MOLLA		SPRING	
	1 211 722		1	DISTANZIALE	Sp. 1,16	SPACER	Th. 1,16	16	1 209 874		1	PERNO		PIN	
	1 211 723		1	DISTANZIALE	Sp. 1,17	SPACER	Th. 1,17	17	1 211 743		1	APPOGGIO MOLLA	Sp. 4,5	SPRING SUPPORT	Th. 4,5
	1 211 724		1	DISTANZIALE	Sp. 1,18	SPACER	Th. 1,18		1 211 744		1	APPOGGIO MOLLA	Sp. 4,6	SPRING SUPPORT	Th. 4,6
	1 211 725		1	DISTANZIALE	Sp. 1,19	SPACER	Th. 1,19		1 211 745		1	APPOGGIO MOLLA	Sp. 4,7	SPRING SUPPORT	Th. 4,7
	1 211 726		1	DISTANZIALE	Sp. 1,20	SPACER	Th. 1,20		1 211 746		1	APPOGGIO MOLLA	Sp. 4,8	SPRING SUPPORT	Th. 4,8
	1 211 727		1	DISTANZIALE	Sp. 1,21	SPACER	Th. 1,21		1 211 747		1	APPOGGIO MOLLA	Sp. 4,9	SPRING SUPPORT	Th. 4,9
	1 211 728		1	DISTANZIALE	Sp. 1,22	SPACER	Th. 1,22		1 211 748		1	APPOGGIO MOLLA	Sp. 5,0	SPRING SUPPORT	Th. 5,0
	1 211 729		1	DISTANZIALE	Sp. 1,23	SPACER	Th. 1,23		1 211 749		1	APPOGGIO MOLLA	Sp. 5,1	SPRING SUPPORT	Th. 5,1
	1 211 730		1	DISTANZIALE	Sp. 1,24	SPACER	Th. 1,24		1 211 750		1	APPOGGIO MOLLA	Sp. 5,2	SPRING SUPPORT	Th. 5,2
	1 211 731		1	DISTANZIALE	Sp. 1,25	SPACER	Th. 1,25		1 209 851		1	APPOGGIO MOLLA	Sp. 5,3	SPRING SUPPORT	Th. 5,3
	1 211 732		1	DISTANZIALE	Sp. 1,26	SPACER	Th. 1,26		1 211 751		1	APPOGGIO MOLLA	Sp. 5,4	SPRING SUPPORT	Th. 5,4
	1 211 733		1	DISTANZIALE	Sp. 1,27	SPACER	Th. 1,27		1 211 752		1	APPOGGIO MOLLA	Sp. 5,5	SPRING SUPPORT	Th. 5,5
	1 211 734		1	DISTANZIALE	Sp. 1,28	SPACER	Th. 1,28		1 211 753		1	APPOGGIO MOLLA	Sp. 5,6	SPRING SUPPORT	Th. 5,6
	1 211 735		1	DISTANZIALE	Sp. 1,29	SPACER	Th. 1,29		1 211 754		1	APPOGGIO MOLLA	Sp. 5,7	SPRING SUPPORT	Th. 5,7
	1 211 736		1	DISTANZIALE	Sp. 1,30	SPACER	Th. 1,30		1 211 755		1	APPOGGIO MOLLA	Sp. 5,8	SPRING SUPPORT	Th. 5,8

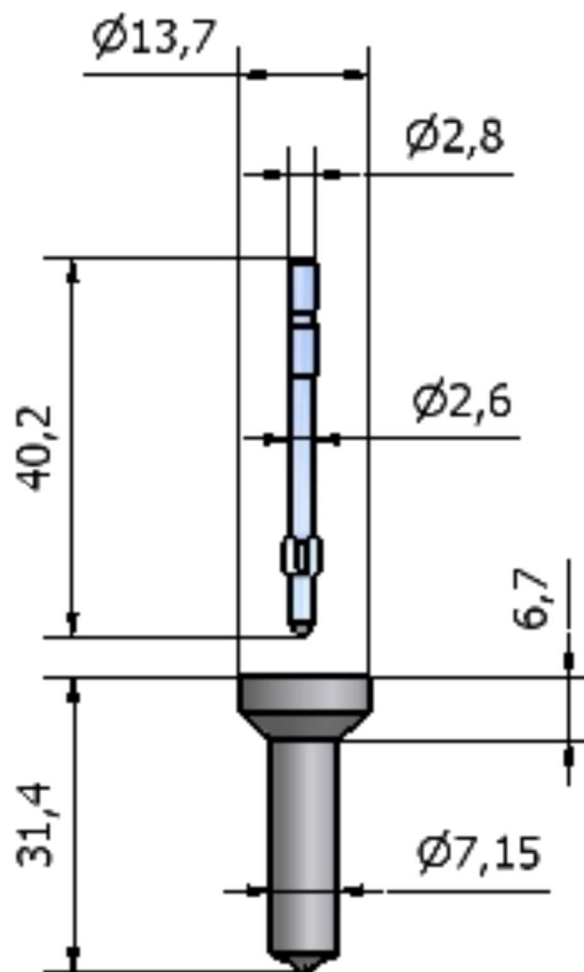
CATERPILLAR C9 HEUI

RIF.	REDAT	ORIGIN.	Q.TY	DESCRIZIONE	DESCRIPTION	RIF.	REDAT	ORIGIN.	Q.TY	DESCRIZIONE	DESCRIPTION
17	1 211 756		1	APPOGGIO MOLLA Sp. 5,9	SPRING SUPPORT Th. 5,9	36	1 212 948		1	APPOGGIO MOLLA Sp. 5,85	SPRING SUPPORT Th. 5,85
	1 211 757		1	APPOGGIO MOLLA Sp. 6,0	SPRING SUPPORT Th. 6,0		1 211 773		1	APPOGGIO MOLLA Sp. 5,90	SPRING SUPPORT Th. 5,90
	1 211 758		1	APPOGGIO MOLLA Sp. 6,1	SPRING SUPPORT Th. 6,1		1 212 949		1	APPOGGIO MOLLA Sp. 5,95	SPRING SUPPORT Th. 5,95
	1 211 759		1	APPOGGIO MOLLA Sp. 6,2	SPRING SUPPORT Th. 6,2		1 209 673		1	APPOGGIO MOLLA Sp. 6,00	SPRING SUPPORT Th. 6,00
	1 211 760		1	APPOGGIO MOLLA Sp. 6,3	SPRING SUPPORT Th. 6,3		1 212 950		1	APPOGGIO MOLLA Sp. 6,05	SPRING SUPPORT Th. 5,95
	1 211 761		1	APPOGGIO MOLLA Sp. 6,4	SPRING SUPPORT Th. 6,4		1 211 774		1	APPOGGIO MOLLA Sp. 6,10	SPRING SUPPORT Th. 6,10
	1 211 762		1	APPOGGIO MOLLA Sp. 6,5	SPRING SUPPORT Th. 6,5		1 212 951		1	APPOGGIO MOLLA Sp. 6,15	SPRING SUPPORT Th. 6,15
17	1 211 742		210	KIT APPOGGIO MOLLA	SPRING SUPPORT KIT		1 211 775		1	APPOGGIO MOLLA Sp. 6,20	SPRING SUPPORT Th. 6,20
18	1 209 864		1	PIASTRA	PLATE	36	1 212 947		90	KIT APPOGGIO MOLLA	SPRING SUPPORT KIT
19	1 209 877		1	SFERA	BALL		1 211 772		1	APPOGGIO MOLLA Sp. 5,80	SPRING SUPPORT Th. 5,80
20	1 209 841		1	ANELLO TAGLIATO	RING K		1 211 773		1	APPOGGIO MOLLA Sp. 5,90	SPRING SUPPORT Th. 5,90
21	1 209 842		1	O-RING	O-RING K		1 209 673		1	APPOGGIO MOLLA Sp. 6,00	SPRING SUPPORT Th. 6,00
22	1 209 843		1	O-RING	O-RING K		1 211 774		1	APPOGGIO MOLLA Sp. 6,10	SPRING SUPPORT Th. 6,10
23	1 209 859		1	GUARNIZIONE	GASKET K		1 211 775		1	APPOGGIO MOLLA Sp. 6,20	SPRING SUPPORT Th. 6,20
24	1 209 858		1	GUARNIZIONE	GASKET K	36	1 213 578		50	KIT APPOGGIO MOLLA	SPRING SUPPORT KIT
25	1 210 849		1	GRUPPO PISTONE	PISTON ASSEMBLY	37	1 209 867		1	PIASTRA	PLATE
26	1 209 875		2	SPINA	DOWEL	38	1 209 671		1	GUARNIZIONE	GASKET K
27	SEE CHART ON PAGE 136		1	POMPANTE	PLUNGER AND BARREL ASSEMBLY	39	1 208 853		1	DISTANZIALE	SPACER
28	1 209 866		1	PIASTRA	PLATE	40	CTRF2005N	for injectors 235-2888 236-0962	1	POLVERIZZATORE	NOZZLE
29	1 208 992		1	PIASTRINA REGOLAZ.	CHECK PLATE	41	1 209 847		1	O-RING	O-RING K
30	1 206 473		1	SFERA	BALL	42	1 209 846		1	GUARNIZIONE AD ANELLO	GASKET RING K
31	1 209 855		1	DISTANZIALE	SPACER	43	1 208 767	148-2903	1	O-RING	O-RING K
32	1 208 998		4	SPINA	DOWEL	44	1 208 769	149-5240	1	GUARNIZIONE AD ANELLO	GASKET RING K
33	1 209 850		1	BOCCOLA	BUSH	45	1 208 768	109-3207	1	O-RING	O-RING K
34	1 209 873		1	PERNO	PIN	46	1 207 429		1	TAPPO DI PRTEZIONE	PLASTIC CAP
35	1 209 872		1	MOLLA	SPRING						
36	1 211 772		1	APPOGGIO MOLLA Sp. 5,80	SPRING SUPPORT Th. 5,80						

CATERPILLAR C9 HEUI						RIF.	REDAT	ORIGIN.	Q.TY	DESCRIZIONE	DESCRIPTION
47	1 209 869		1	SOLENOIDE	SOLENOID						
48	1 215 171		2	SPINA	DOWEL	GRUPPO POMPANTE / PLUNGER ASSEMBLY 1 213 298					
KIT GUARNIZIONI INTERNE / INTERNAL KIT 1 209 839						GRUPPO REGOLATORE / REGULATOR ASSEMBLY 1 209 857					
1	1 209 860		4	VITE M3X35	SOLENOID SCREW	GRUPPO REGOLATORE COMPLETO REGULATOR ASSEMBLY COMPLETE 1 213 473					
10	1 209 861		4	VITE M4X10	SCREW	6	1 209 857		1	GRUPPO REGOLATORE	REGULATOR ASSEMBLY
11	1 209 862		4	VITE M4X35	SCREW	7	1 209 876		2	SPINA	DOWEL
38	1 209 671		1	GUARNIZIONE	GASKET	8	?		1	DISTANZIALE	SPACER
41	1 209 847		1	O-RING	O-RING	9	1 209 853		1	PIASTRA	PLATE
42	1 209 846		1	GUARNIZIONE AD ANELLO	GASKET RING	10	1 209 861		4	VITE M4X10	SCREW
KIT GUARNIZIONI ESTERNE / EXTERNAL KIT 1 209 840											
20	1 209 841		1	ANELLO TAGLIATO	RING						
21	1 209 842		1	O-RING	O-RING						
22	1 209 843		1	O-RING	O-RING						
43	1 208 767	148-2903	1	O-RING	O-RING						
44	1 208 769	149-5240	1	GUARNIZIONE AD ANELLO	GASKET RING						
45	1 208 768	109-3207	1	O-RING	O-RING						
GRUPPO PISTONE / PISTON ASSEMBLY 1 210 849											
23	1 209 859		1	GUARNIZIONE	GASKET						
24	1 209 858		1	GUARNIZIONE	GASKET						
			1	PISTONE	PISTON						
KIT GUARNIZIONI PISTONE / PISTON GASKETS KIT 1 210 850											
23	1 209 859		1	GUARNIZIONE	GASKET						
24	1 209 858		1	GUARNIZIONE	GASKET						

NOZZLES suitable for CATERPILLAR

CTRF2005N application 950 H-C
part number 235-2888
236-0962

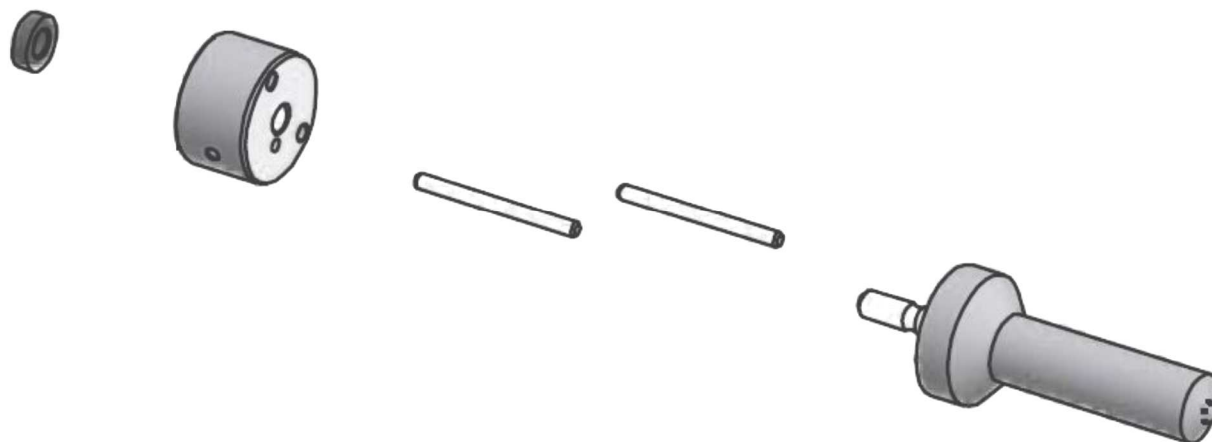


N° HOLES = 6

GRUPPI POLVERIZZATORE NOZZLE GROUPS

CATERPILLAR C9

NOZZLE GROUP

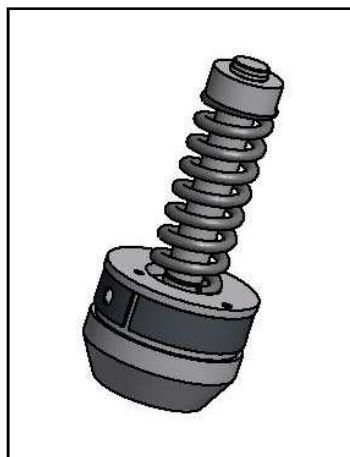


P/N INJECTOR

235-2888
236-0962

NOZZLE GROUP

CTRF9520N

**PLUNGER &
BARREL*****CATERPILLAR C9***

P/N INJECTOR	PLUNGER & BARREL
235-2888	CTRF0007
236-0962	

GRUPPO REGOLATORE - REGULATOR ASSEMBLY

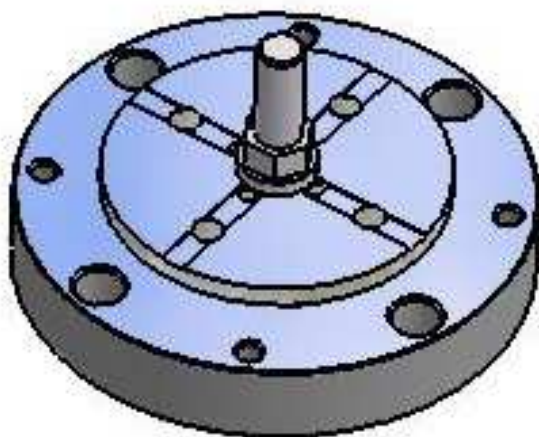
adattabile per

suitable for

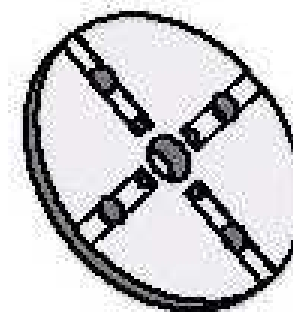
CATERPILLAR SERIE C9



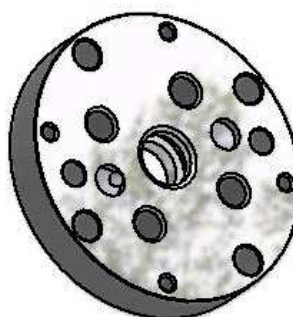
1 209 857



PERNO - PIN



PIASTRA - PLATE



PIASTRA - PLATE



PERNO FILETTATO - THREADED PIN

GRUPPO REGOLATORE COMPLETO

REGULATOR ASSEMBLY COMPLETE

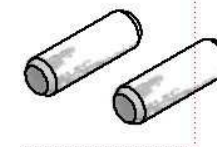
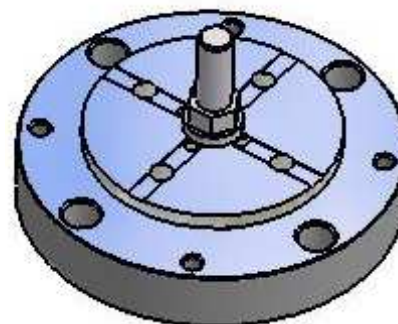
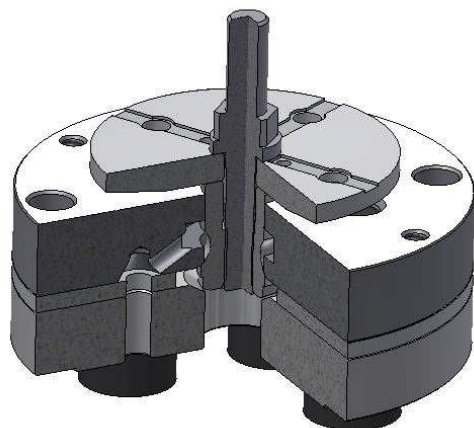
adattabile per

suitable for

CATERPILLAR SERIE C9 HEUI



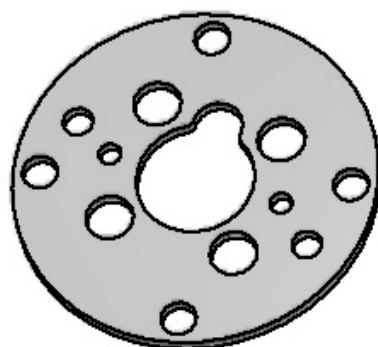
1 213 473


GRUPPO REGOLATORE
REGULATOR ASSEMBLY

REDAT CODE 1 209 857

SPINA - DOWEL QTY 2

REDAT CODE 1 209 876



DISTANZIALE - SPACER

REDAT CODE ?

PIASTRA - PLATE

REDAT CODE 1 209 853

VITE- SCREW QTY 4

REDAT CODE 1 209 861

GRUPPO POMPANTE - PLUNGER ASSEMBLY

*adattabile per
suitable for*

CATERPILLAR SERIE C9 HEUI



1 213 298

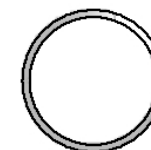


PERNO - PIN



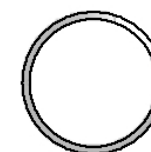
BOCCOLA - BUSH

GRUPPO PISTONE - PISTON ASSEMBLY
*adattabile per
suitable for*
CATERPILLAR SERIE C9 HEUI

1 210 849

O-RING (GUARNIZIONE - GASKET) - Q.TY 1
O-RING (GUARNIZIONE - GASKET) - Q.TY 1
REDAT CODE 1 209 858
REDAT CODE 1 209 859

PISTONE - PISTON - Q.TY 1

KIT GUARNIZIONI PISTONE - PISTON GASKETS KIT
adattabile per
suitable for
CATERPILLAR SERIE C9 HEUI

1 210 850

O-RING (GUARNIZIONE - GASKET) - Q.TY 1
O-RING (GUARNIZIONE - GASKET) - Q.TY 1
REDAT CODE 1 209 858
REDAT CODE 1 209 859

Usare attrezzo 4 021 501 per
montaggio con il pistone.

*Use the 4 021 501 tool to
assemble with the piston*



4 021 501

ATTREZZATURA PER L'INSERIMENTO ANELLI NEL PISTONE CAT-C9

CAT-C9 PISTON RINGS INSERTION TOOL

ISTRUZIONI D' USO - INSTRUCTIONS



- Appoggiare all'estremità del pistone la boccola conica.

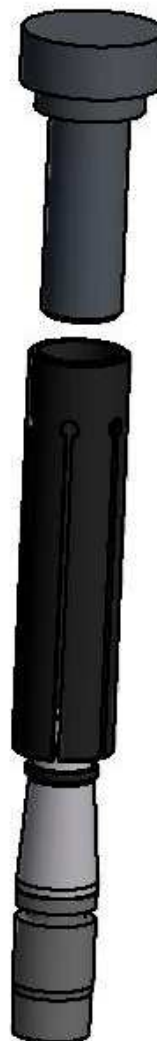
- Lubrificare la parte conica per un minore attrito degli anelli in fase di inserimento.

- Successivamente sopra di essa appoggiare l'anello più piccolo (1209858).

- Lean the end of the piston on the conical bush

- Lubricate the conical part to lower the friction of the rings during the insertion

- Then put the smaller ring (1 209 858) on top of it



- Fare pressione sul pomello fino a fine corsa.

- Press the knob to the end of the stroke

- Ripetere le stesse operazioni con l'anello più grande (1209859).

- Repeat the same operations with the bigger ring (1 209 859)





- Lubrificare la zona di inserimento del perno di posizionamento per favorire le operazioni ed evitare danni all'anello.

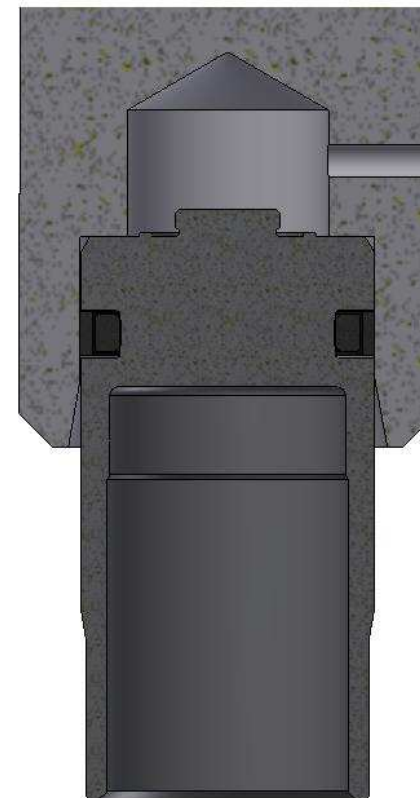
- Lubricate the de zone of the positioning pin in order to ease the operations and avoid damages to the ring.

- Spingere il perno posizionario fino a fine corsa e mantenerlo per qualche secondo, per garantire un corretto alloggiamento degli anelli nella sede del pistone.

- Push the positioning pin to the end of the stroke and hold it in place for a few seconds, to assure the correct placement of the rings on the seat of the piston.

- Sfilare il perno e controllare il corretto inserimento. L'anello non deve avere gioco.

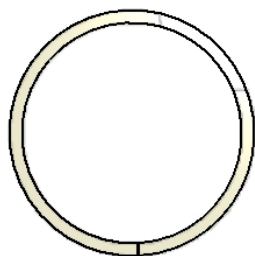
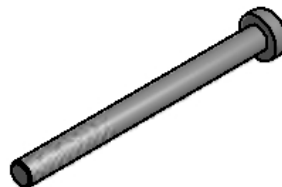
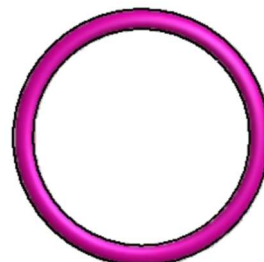
- Pull out the pin and check the correct insertion. The ring shall not have any clearance.

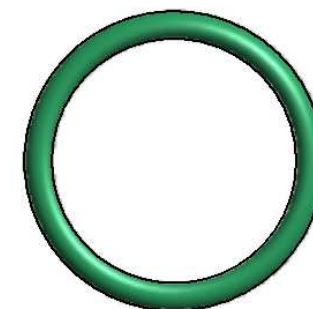
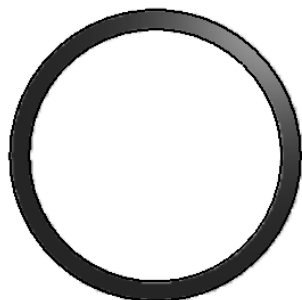
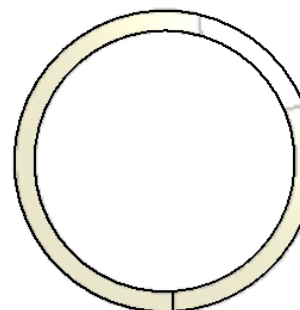
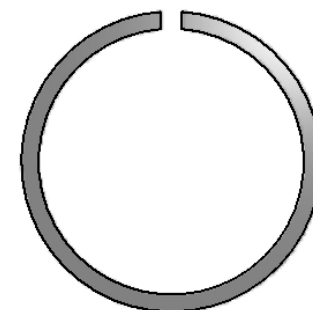


SERIE GUARNIZIONI INTERNA PER INIETTORE - *INTERNAL GASKET KIT*

adattabile per

suitable for

CATERPILLAR SERIE C9 HEUI**1 209 839****O-RING (GUARNIZIONE - GASKET) - Q.TY 1****REDAT CODE 1 209 671****GUARNIZIONE - GASKET (BEIGE - BEIGE) - Q.TY 1****REDAT CODE 1 209 846****VITE - SCREW M3 x 35 - Q.TY 4****REDAT CODE 1 209 860****O-RING (LILLA - LILAC) - Q.TY 1****REDAT CODE 1 209 847****VITE - SCREW M4 x 35 - Q.TY 4****REDAT CODE 1 209 862****VITE - SCREW M4 x 10 - Q.TY 4****REDAT CODE 1 209 861**

SERIE GUARNIZIONI ESTERNA PER INIETTORE - EXTERNAL GASKET KIT
adattabile per
suitable for **CATERPILLAR SERIE C9 HEUI**
**1 209 840**
O-RING (BLU SCURO - DARK BLUE)
Q.TY 1
REDAT CODE 1 208 768
O-RING (BLU SCURO - DARK BLUE)
Q.TY 1
REDAT CODE 1 208 767
O-RING (VERDE - GREEN)
Q.TY 1
REDAT CODE 1 209 843
O-RING (NERO - BLACK)
Q.TY 1
REDAT CODE 1 209 842
GUARNIZIONE - GASKET (BEIGE - BEIGE) -
Q.TY 1
REDAT CODE 1 208 769
ANELLO TAGLIATO - RING
Q.TY 1
REDAT CODE 1 209 841

CASSETTA ATTREZZI MONTAGGIO / SMONTAGGIO CATERPILLAR SERIE C9 HEUI
COMPLETE TOOL SET FOR CATERPILLAR SERIE C9 HEUI ASSEMBLING / DISASSEMBLING

**4 010 918**

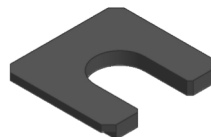
ATTREZZO DI MONTAGGIO / SMONTAGGIO
DADO POLVERIZZATORE

NOZZLE NUT ASSEMBLING /
DISASSEMBLING TOOL

4 021 293

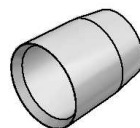
ATTREZZO PROVA POLVERIZZATORE

NOZZLE TESTING TOOL

4 021 292

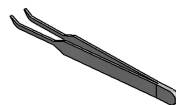
BLOCCHETTO FISSAGGIO INIETTORE

INJECTOR FIXING JIG

4 021 291

CONI INSERIMENTO O-RINGS

O-RINGS INSTALLATION TOOL

4 021 663**4 021 666**

PINZETTA DI PRECISIONE

PRECISION TWEEZER

4 010 903

UNCINO A 90°

90° HOOK

4 021 678

ATTREZZO DI SPIANTAGGIO PISTONE

EXTRACTION TOOL PISTON

4 021 175

INSERTO 1/4" - TORX TX25
TORX TX25 - 1/4" INSERT

Q.TY 3

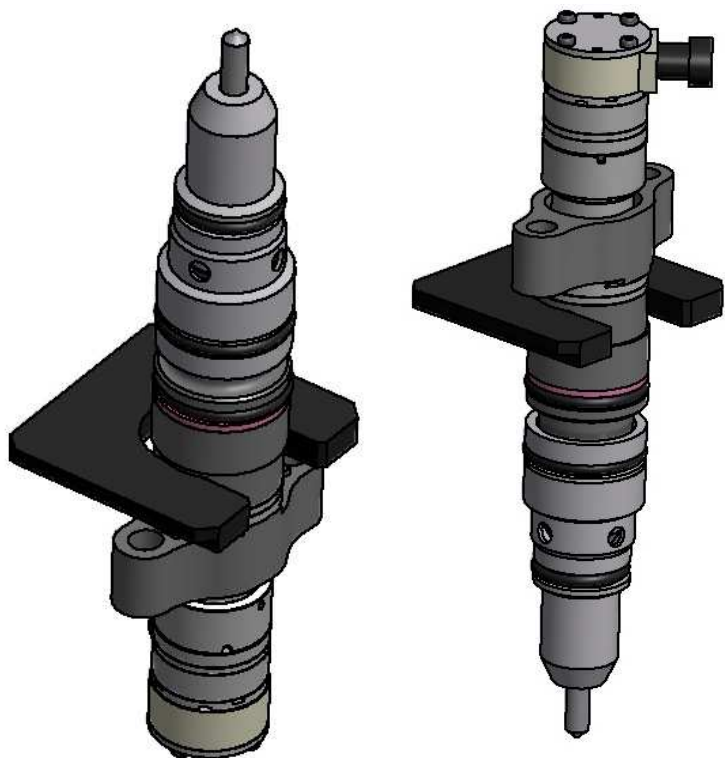
4 021 098

INSERTO 1/4" - TORX TX10
TORX TX10- 1/4" INSERT

Q.TY 3

4 021 167

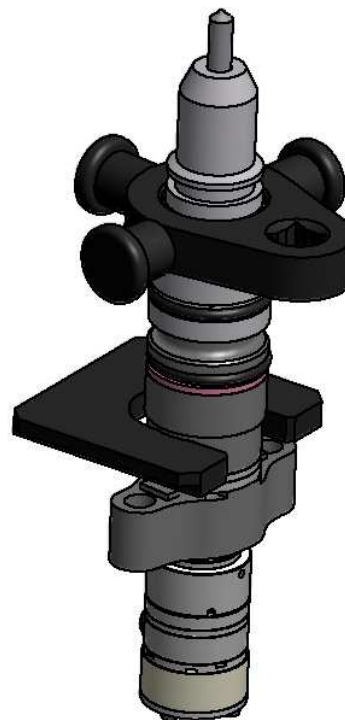
MODO DI UTILIZZO DEGLI ATTREZZI PRESENTI NELLA CASSETTA
USE OF THE TOOLS CONTAINED IN THE BOX



4 021 291

Consente il fissaggio dell'iniettore per le fasi di montaggio/smontaggio componenti.

Allows to hold the injector body for the assembling and disassembling of the parts .



4 021 293

Consente il montaggio/smontaggio del dado pulverizzatore.

Allows to assembling and disassembling the nozzle nut.

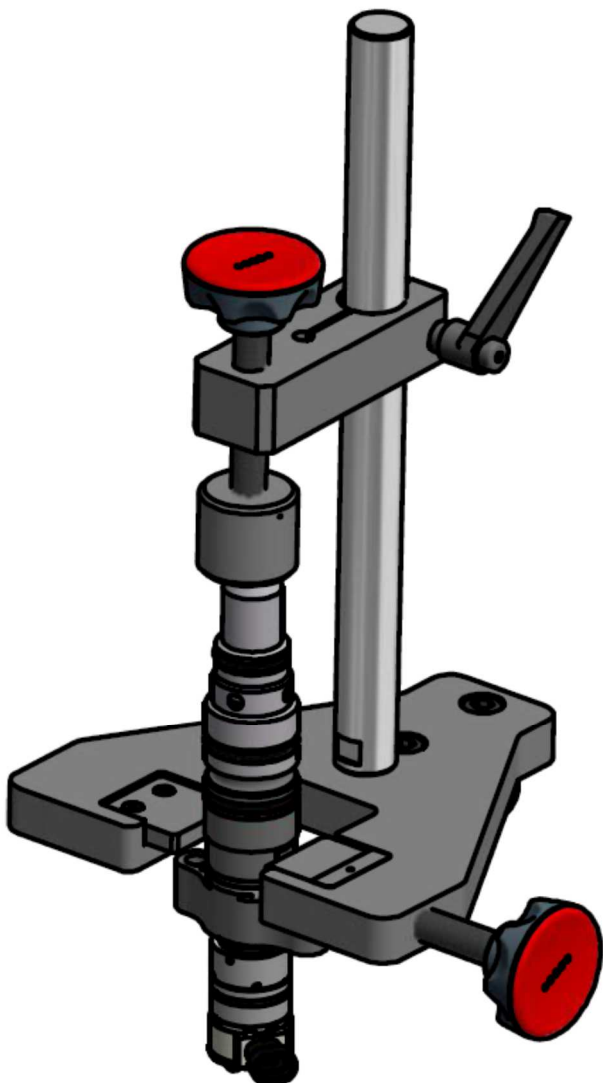


4 021 292

Consente di eseguire la prova di pulverizzazione dell'iniettore.

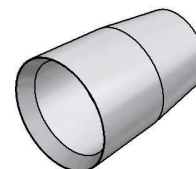
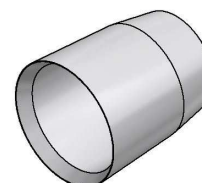
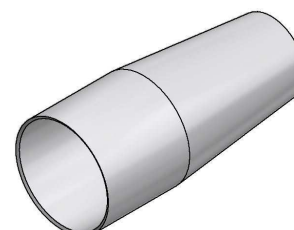
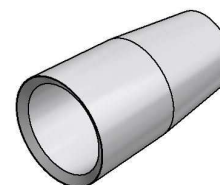
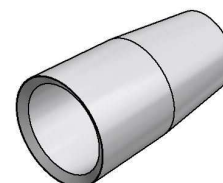
Allows to perform the injector spray test.

ATTREZZO PRESSA POLVERIZZATORE / NOZZLE PRESS TOOL

**4 021 682**

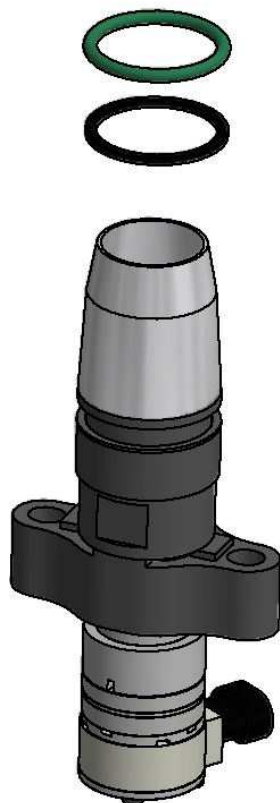
Consente di comprimere il pulverizzatore e il P&B per un corretto montaggio dei componenti evitando le rotture delle spine.

Allows to compress the nozzle and the P&B for a correct assembly of the components, avoiding pins breaks.

CASSETTA CONI INSERIMENTO O-RINGS / O-RINGS INSTALLATION TOOL SET
FORD POWERSTROKE 7.3 / NAVISTAR HEUI / CATERPILLAR / PERKINS**4 010 957**CONO INSERIMENTO
INSTALLATION TOOL**4 021 661**CONO INSERIMENTO
INSTALLATION TOOL**4 021 663**CONO INSERIMENTO
INSTALLATION TOOL**4 021 664**CONO INSERIMENTO
INSTALLATION TOOL**4 021 665**CONO INSERIMENTO
INSTALLATION TOOL**4 021 666**



4 021 663



4 021 663

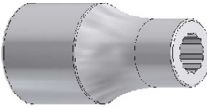
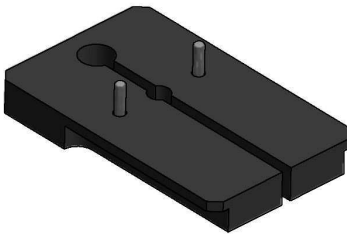


4 021 666



CASSETTA ATTREZZI MONTAGGIO / SMONTAGGIO GRUPPO REGOLATORE serie C7/C9 HEUI
COMPLETE TOOL SET FOR REGULATOR ASSEMBLY series C7/C9 HEUI ASSEMBLING / DISASSEMBLING


4 021 645

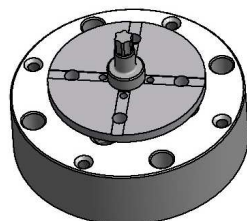

	SPINA PIN Q.ty 6	1 209 109
	CHIAVE A BUSSOLA 1/4" ESAGONALE CH=4 ESAGONAL SOCKET CH=4 1/4" INSERT	4 021 798
	CHIAVE A BUSSOLA 1/4" TORX E2 E2 TORX SOCKET 1/4" INSERT	4 021 728
	BLOCCHETTO SMONTAGGIO/MONTAGGIO GRUPPO REGOLATORE REGULATOR ASSEMBLY DISASSEMBLING/ ASSEMBLING BLOCK TOOL	4 021 799
	CHIAVE A "T" 1/4" - "T" WRENCHES 1/4"	4 021 333

UTILIZZO DEGLI ATTREZZI PRESENTI NELLA CASSETTA
USE OF THE TOOLS CONTAINED IN THE BOX

 **1 211 619**

Gruppo regolatore C7

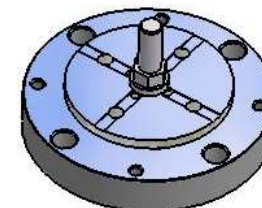
C7 Regulator assembly



 **1 209 857**

Gruppo regolatore C9

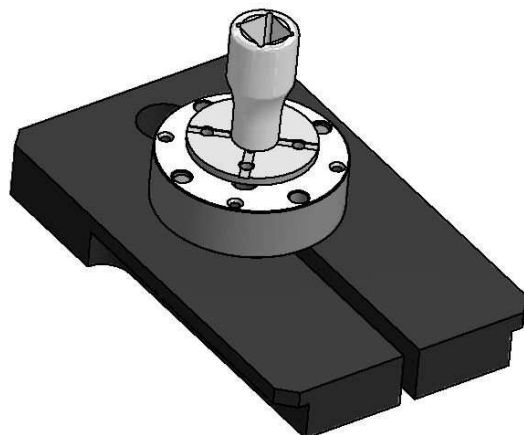
C9 Regulator assembly



 **4 021 728**

Chiave a bussola torx per
montaggio / smontaggio
gruppo regolatore C7

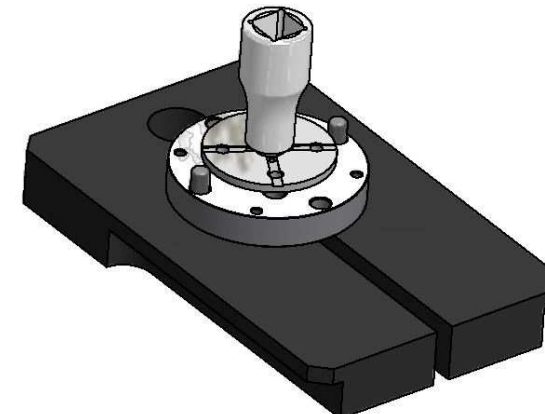
Torx socket for assem-
bling / disassembling C7
Regulator assembly



 **4 021 798**

Chiave a bussola esagona-
le per montaggio / smon-
taggio gruppo regolatore
C9

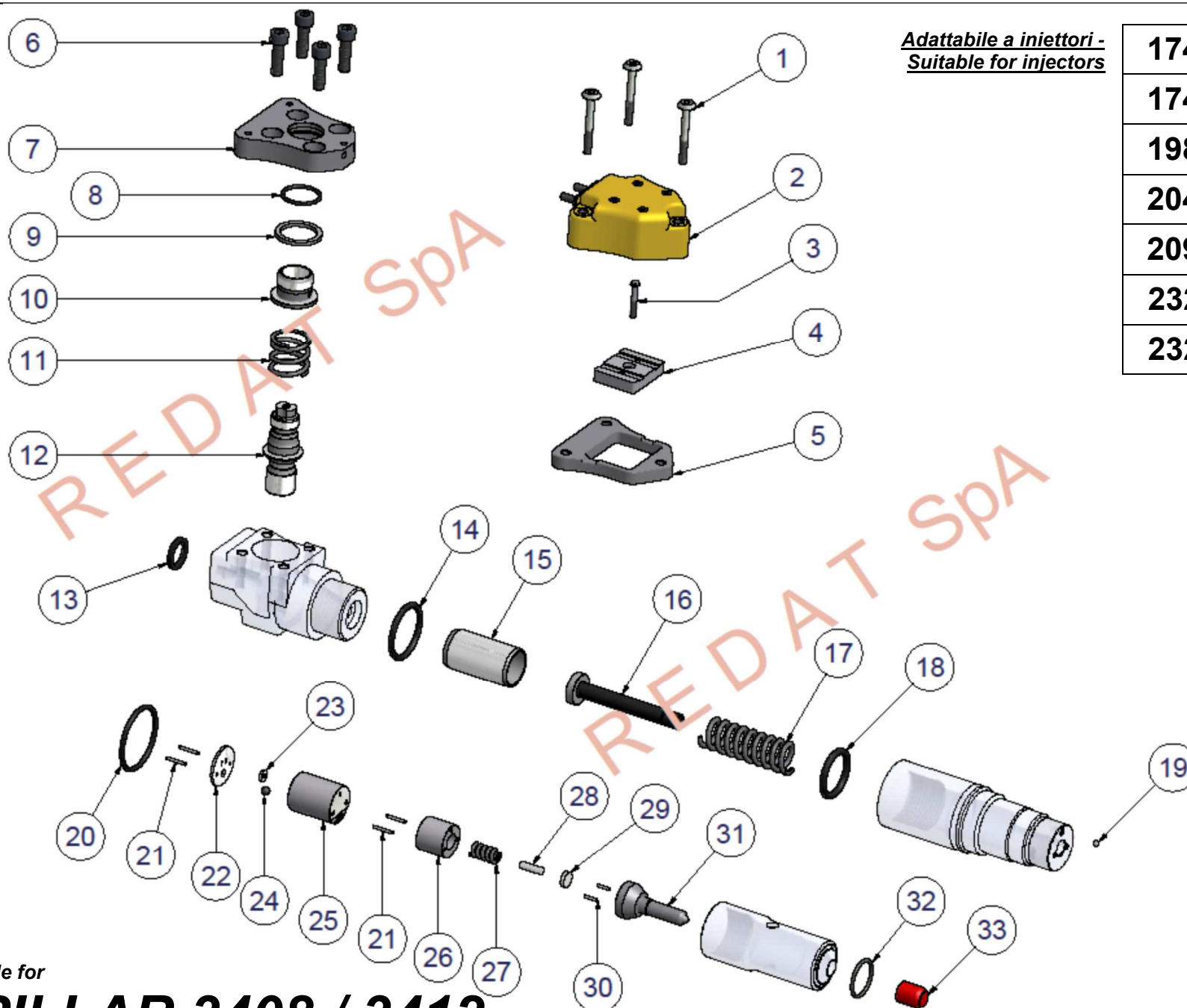
Poligonal socket for assem-
bling / disassembling C9
Regulator assembly



 **4 021 799**

Blocchetto per il fissaggio del gruppo regolatore, consente il montaggio/smontaggio componenti.
Centrare il Gruppo Regolatore mediante spine e serrare il tutto in morsa per impedire la rotazione del perno sottostante

Block tool for the regulator assembly, allow the assembling / disassembling of the parts.
Center the Regulator Assembly by means of pins and tighten in a vice to prevent rotation of the pin below



Adattabile a iniettori -
Suitable for injectors

174-7526

174-7527

198-6877

204-2467

209-1995

232-1170

232-1175

Adattabile per - Suitable for

CATERPILLAR 3408 / 3412

CATERPILLAR 3408 / 3412

K = ITEM INCLUDED IN KIT

RIF.	REDAT	ORIGIN.	Q.TY	DESCRIZIONE	DESCRIPTION	RIF.	REDAT	ORIGIN.	Q.TY	DESCRIZIONE	DESCRIPTION
1	1 208 972		3	VITE PER SOLENOIDE M4X35	SOLENOID SCREW M4x35		1 211 571		1	SPESSORE Sp. 2.18	POPPET SHIM h. 2.18
2	1 211 205		1	SOLENOIDE	SOLENOID		1 211 572		1	SPESSORE Sp. 2.19	POPPET SHIM h. 2.19
3	1 208 974		1	VITE M3x20	VITE M3x20		1 211 573		1	SPESSORE Sp. 2.20	POPPET SHIM h. 2.20
4	1 211 207		1	PIASTRA	PLATE		1 211 574		1	SPESSORE Sp. 2.21	POPPET SHIM h. 2.21
5	1 211 208		1	DISTANZIALE SOLENOIDE	SOLENOID SPACER		1 211 575		1	SPESSORE Sp. 2.22	POPPET SHIM h. 2.22
6	1 211 202		4	VITE M6x20	VITE M6x20		1 211 576		1	SPESSORE Sp. 2.23	POPPET SHIM h. 2.23
7	1 211 209		1	PIASTRA	PLATE		1 211 577		1	SPESSORE Sp. 2.24	POPPET SHIM h. 2.24
8	1 209 979		1	O-RING	O-RING K		1 211 578		1	SPESSORE Sp. 2.25	POPPET SHIM h. 2.25
9	1 211 553		1	SPESSORE Sp. 2.00	POPPET SHIM h. 2.00	9	1 211 552		260	KIT SPESSORI	POPPET SHIMS KIT
	1 211 554		1	SPESSORE Sp. 2.01	POPPET SHIM h. 2.01	10	1 211 214		1	BUSSOLA	SLEEVE
	1 211 555		1	SPESSORE Sp. 2.02	POPPET SHIM h. 2.02	11	1 211 213		1	MOLLA	SPRING
	1 211 556		1	SPESSORE Sp. 2.03	POPPET SHIM h. 2.03	12	1 211 203		1	VALVOLA	VALVE
	1 211 557		1	SPESSORE Sp. 2.04	POPPET SHIM h. 2.04	13	1 211 212	116-7222	1	GUARNIZIONE AD ANELLO	GASKET RING K
	1 211 558		1	SPESSORE Sp. 2.05	POPPET SHIM h. 2.05	14	1 211 794		1	O-RING	O-RING K
	1 211 559		1	SPESSORE Sp. 2.06	POPPET SHIM h. 2.06	15	1 211 789		1	PISTONE	PISTON
	1 211 560		1	SPESSORE Sp. 2.07	POPPET SHIM h. 2.07	16	1 211 793		1	POMPANTE	PLUNGER
	1 211 561		1	SPESSORE Sp. 2.08	POPPET SHIM h. 2.08	17	1 211 788		1	MOLLA	SPRING
	1 211 562		1	SPESSORE Sp. 2.09	POPPET SHIM h. 2.09	18	1 211 797		1	O-RING	O-RING K
	1 211 563		1	SPESSORE Sp. 2.10	POPPET SHIM h. 2.10	19	1 206 473		1	SFERA	BALL
	1 211 564		1	SPESSORE Sp. 2.11	POPPET SHIM h. 2.11	20	1 211 211	3E-6747	1	O-RING	O-RING K
	1 211 565		1	SPESSORE Sp. 2.12	POPPET SHIM h. 2.12	21	1 211 204		4	SPINA	DOWEL
	1 211 566		1	SPESSORE Sp. 2.13	POPPET SHIM h. 2.13	22	1 211 210		1	DISTANZIALE	SPACER
	1 211 567		1	SPESSORE Sp. 2.14	POPPET SHIM h. 2.14	23	1 211 206		1	PIASTRA DI REGOLAZIONE	REGULATION PLATE
	1 211 568		1	SPESSORE Sp. 2.15	POPPET SHIM h. 2.15	24	1 207 382		1	SFERA	BALL
	1 211 569		1	SPESSORE Sp. 2.16	POPPET SHIM h. 2.16	25	1 211 215		1	BOCCOLA	SPACER SLEEVE
	1 211 570		1	SPESSORE Sp. 2.17	POPPET SHIM h. 2.17	26	1 208 996		1	BOCCOLA	BUSH

CATERPILLAR 3408 / 3412

RIF.	REDAT	ORIGIN.	Q.TY	DESCRIZIONE	DESCRIPTION	RIF.	REDAT	ORIGIN.	Q.TY	DESCRIZIONE	DESCRIPTION
27	1 209 676		1	MOLLA	SPRING		1 208 995		1	APPOGGIO MOLLA Sp 2,25	LIFT SPACER h. 2,25
28	1 208 994		1	PERNO	PIN		1 209 611		1	APPOGGIO MOLLA Sp 2,26	LIFT SPACER h. 2,26
29	1 209 494		1	APPOGGIO MOLLA Sp 2,00	LIFT SPACER h. 2,00		1 209 612		1	APPOGGIO MOLLA Sp 2,27	LIFT SPACER h. 2,27
	1 209 591		1	APPOGGIO MOLLA Sp 2,01	LIFT SPACER h. 2,01		1 209 613		1	APPOGGIO MOLLA Sp 2,28	LIFT SPACER h. 2,28
	1 209 592		1	APPOGGIO MOLLA Sp 2,02	LIFT SPACER h. 2,02		1 209 614		1	APPOGGIO MOLLA Sp 2,29	LIFT SPACER h. 2,29
	1 209 593		1	APPOGGIO MOLLA Sp 2,03	LIFT SPACER h. 2,03		1 209 417		1	APPOGGIO MOLLA Sp 2,30	LIFT SPACER h. 2,30
	1 209 594		1	APPOGGIO MOLLA Sp 2,04	LIFT SPACER h. 2,04		1 209 615		1	APPOGGIO MOLLA Sp 2,31	LIFT SPACER h. 2,31
	1 209 495		1	APPOGGIO MOLLA Sp 2,05	LIFT SPACER h. 2,05		1 209 616		1	APPOGGIO MOLLA Sp 2,32	LIFT SPACER h. 2,32
	1 209 595		1	APPOGGIO MOLLA Sp 2,06	LIFT SPACER h. 2,06		1 209 617		1	APPOGGIO MOLLA Sp 2,33	LIFT SPACER h. 2,33
	1 209 596		1	APPOGGIO MOLLA Sp 2,07	LIFT SPACER h. 2,07		1 209 618		1	APPOGGIO MOLLA Sp 2,34	LIFT SPACER h. 2,34
	1 209 597		1	APPOGGIO MOLLA Sp 2,08	LIFT SPACER h. 2,08		1 209 556		1	APPOGGIO MOLLA Sp 2,35	LIFT SPACER h. 2,35
	1 209 598		1	APPOGGIO MOLLA Sp 2,09	LIFT SPACER h. 2,09		1 209 619		1	APPOGGIO MOLLA Sp 2,36	LIFT SPACER h. 2,36
	1 209 496		1	APPOGGIO MOLLA Sp 2,10	LIFT SPACER h. 2,10		1 209 620		1	APPOGGIO MOLLA Sp 2,37	LIFT SPACER h. 2,37
	1 209 599		1	APPOGGIO MOLLA Sp 2,11	LIFT SPACER h. 2,11		1 209 621		1	APPOGGIO MOLLA Sp 2,38	LIFT SPACER h. 2,38
	1 209 600		1	APPOGGIO MOLLA Sp 2,12	LIFT SPACER h. 2,12		1 209 622		1	APPOGGIO MOLLA Sp 2,49	LIFT SPACER h. 2,39
	1 209 601		1	APPOGGIO MOLLA Sp 2,13	LIFT SPACER h. 2,13		1 209 557		1	APPOGGIO MOLLA Sp 2,40	LIFT SPACER h. 2,40
	1 209 602		1	APPOGGIO MOLLA Sp 2,14	LIFT SPACER h. 2,14		1 212 836		1	APPOGGIO MOLLA Sp 2,41	LIFT SPACER h. 2,41
	1 209 497		1	APPOGGIO MOLLA Sp 2,15	LIFT SPACER h. 2,15		1 212 846		1	APPOGGIO MOLLA Sp 2,42	LIFT SPACER h. 2,42
	1 209 603		1	APPOGGIO MOLLA Sp 2,16	LIFT SPACER h. 2,16		1 212 847		1	APPOGGIO MOLLA Sp 2,43	LIFT SPACER h. 2,43
	1 209 604		1	APPOGGIO MOLLA Sp 2,17	LIFT SPACER h. 2,17		1 212 848		1	APPOGGIO MOLLA Sp 2,44	LIFT SPACER h. 2,44
	1 209 605		1	APPOGGIO MOLLA Sp 2,18	LIFT SPACER h. 2,18		1 212 849		1	APPOGGIO MOLLA Sp 2,45	LIFT SPACER h. 2,45
	1 209 606		1	APPOGGIO MOLLA Sp 2,19	LIFT SPACER h. 2,19		1 212 850		1	APPOGGIO MOLLA Sp 2,46	LIFT SPACER h. 2,46
	1 209 555		1	APPOGGIO MOLLA Sp 2,20	LIFT SPACER h. 2,20		1 212 851		1	APPOGGIO MOLLA Sp 2,47	LIFT SPACER h. 2,47
	1 209 607		1	APPOGGIO MOLLA Sp 2,21	LIFT SPACER h. 2,21						
	1 209 608		1	APPOGGIO MOLLA Sp 2,22	LIFT SPACER h. 2,22						
	1 209 609		1	APPOGGIO MOLLA Sp 2,23	LIFT SPACER h. 2,23						
	1 209 610		1	APPOGGIO MOLLA Sp 2,24	LIFT SPACER h. 2,24	29	1 210 637		480	KIT APPOGGIO MOLLA	LIFT SPACERS KIT

CATERPILLAR 3408 / 3412

[illegible][illegible]

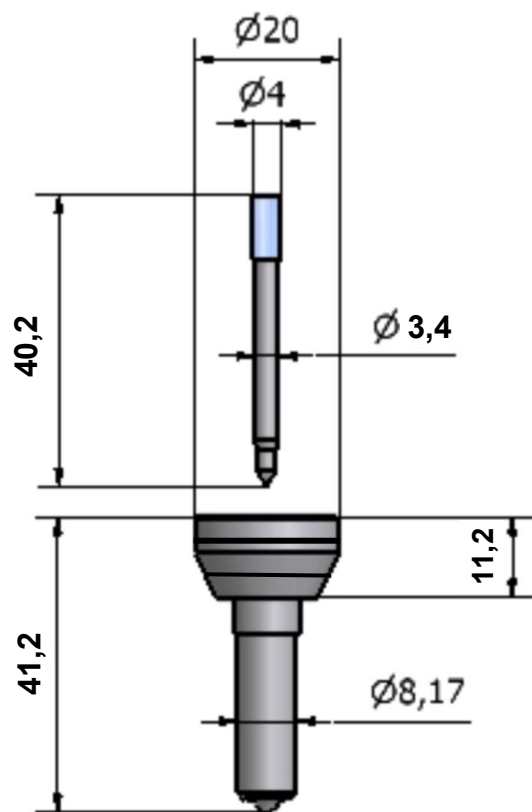
NOZZLES suitable for CATERPILLAR

CTRF2012N application 3408 - 3412

Part number 174-7526

174-7527

232-1175

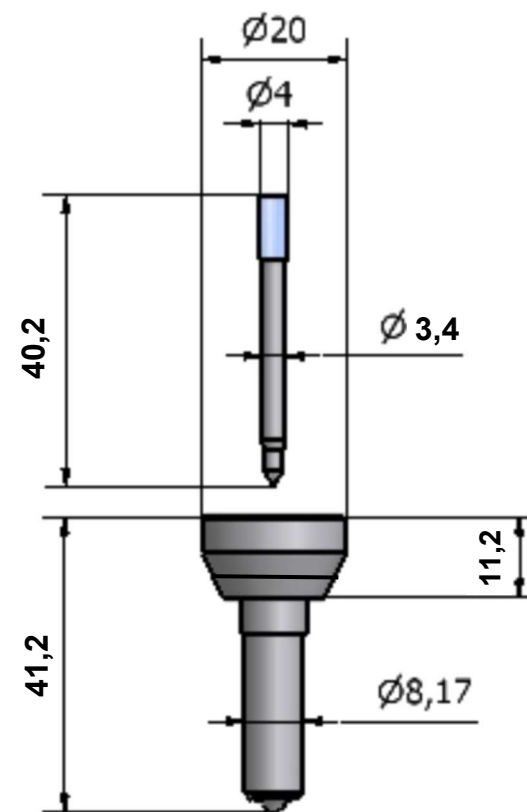


N° HOLES = 6

CTRF2013N application 3408 - 3412

Part number 174-7526

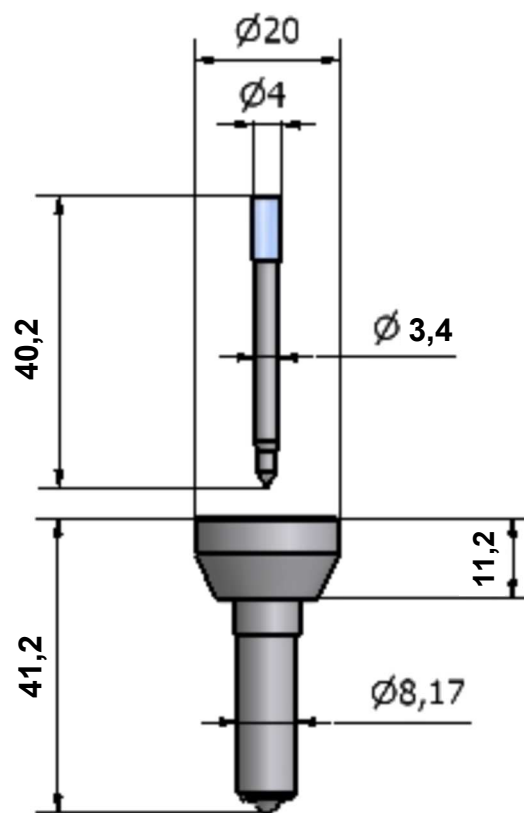
174-7527



N° HOLES = 6

NOZZLES suitable for **CATERPILLAR**

NOZZLE	N° HOLES	P/N	APPLICATION
CTRF2027N	6	198-6877 204-2467	3408 / 3412
CTRF2014N	6	232-1170	3412



KIT GUARNIZIONI - GASKETS KIT
adattabile per
suitable for
CATERPILLAR 3408 / 3412

1 211 798

O-RING - Q,TY 1
REDAT CODE 1 209 979

O-RING - Q,TY 1
REDAT CODE 1 211 794

O-RING - Q,TY 1
REDAT CODE 1 211 797

KIT GUARNIZIONI - GASKETS KIT

adattabile per

suitable for

CATERPILLAR 3408 / 3412



1 211 216



O-RING - Q,TY 1

REDAT CODE 1 211 217



**GUARNIZIONE AD ANELLO - GASKET RING -
Q.TY 1**

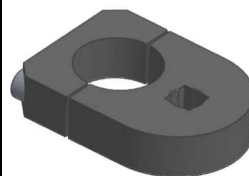
REDAT CODE 1 211 212



O-RING - Q,TY 1

REDAT CODE 1 211 211

CASSETTA ATTREZZI MONTAGGIO / SMONTAGGIO
COMPLETE TOOL SET FOR ASSEMBLING / DISASSEMBLING
CATERPILLAR 3408 / 3412

4 010 937

**Attrezzo
montaggio /
smontaggio corpo**
*Body assembling /
disassembling tool*

Qty 1

4 021 594

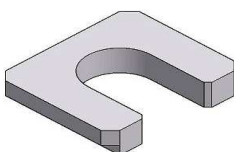
**Attrezzo
montaggio/
smontaggio dado
polverizzatore**
*Nozzle nut
assemblig /
disassembling tool*

Qty 1

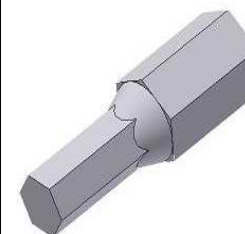
4 021 522

**Attrezzo prova
polverizzatore**
Nozzle testing tool

Qty 1

4 021 524

**Blocchetto
fissaggio iniettore**
Injector fixing jig

Qty 1

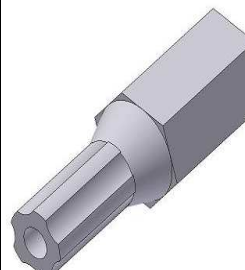
4 021 291

**Inserto 1/4" esag.
CH=5**
*Hex. CH=5 - 1/4"
insert*

Qty 3

4 021 521

Inserto 1/4" Torx E 4
Torx E 4 - 1/4" insert

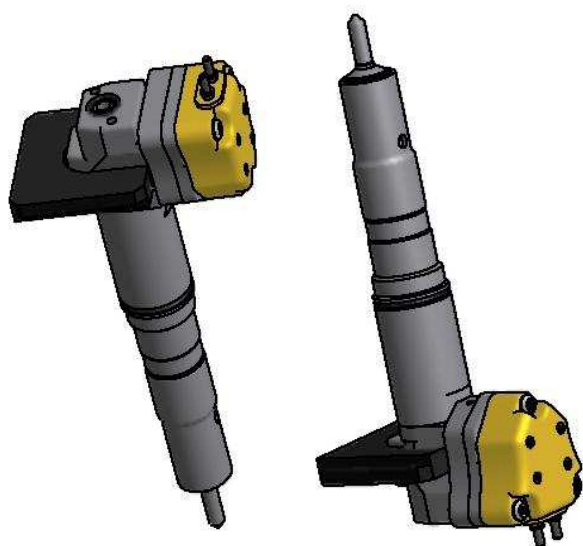
Qty 3

4 021 007

**Inserto 1/4" Torx
TX20**
*Torx TX20 - 1/4"
insert*

Qty 3

4 021 008

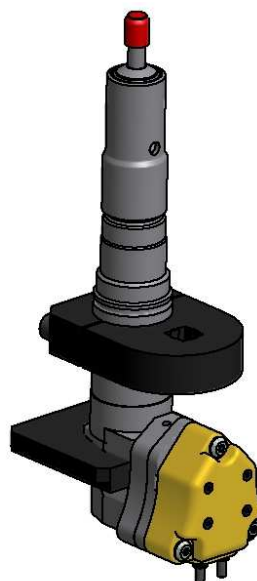
Modo di utilizzo degli attrezzi presenti nella cassetta USE OF THE TOOLS CONTAINED IN THE BOX



4 021 291

Consente il fissaggio dell'iniettore per le fasi di montaggio/smontaggio componenti.

Allows to hold the injector body for the assembling and disassembling of the parts .



4 021 594

Consente il montaggio/smontaggio del dado del corpo iniettore.

Allows to assembling and disassembling the nut of injector body.



4 021 522

Consente il montaggio/smontaggio del dado polverizzatore

Allows to assembling and disassembling the nozzle nut

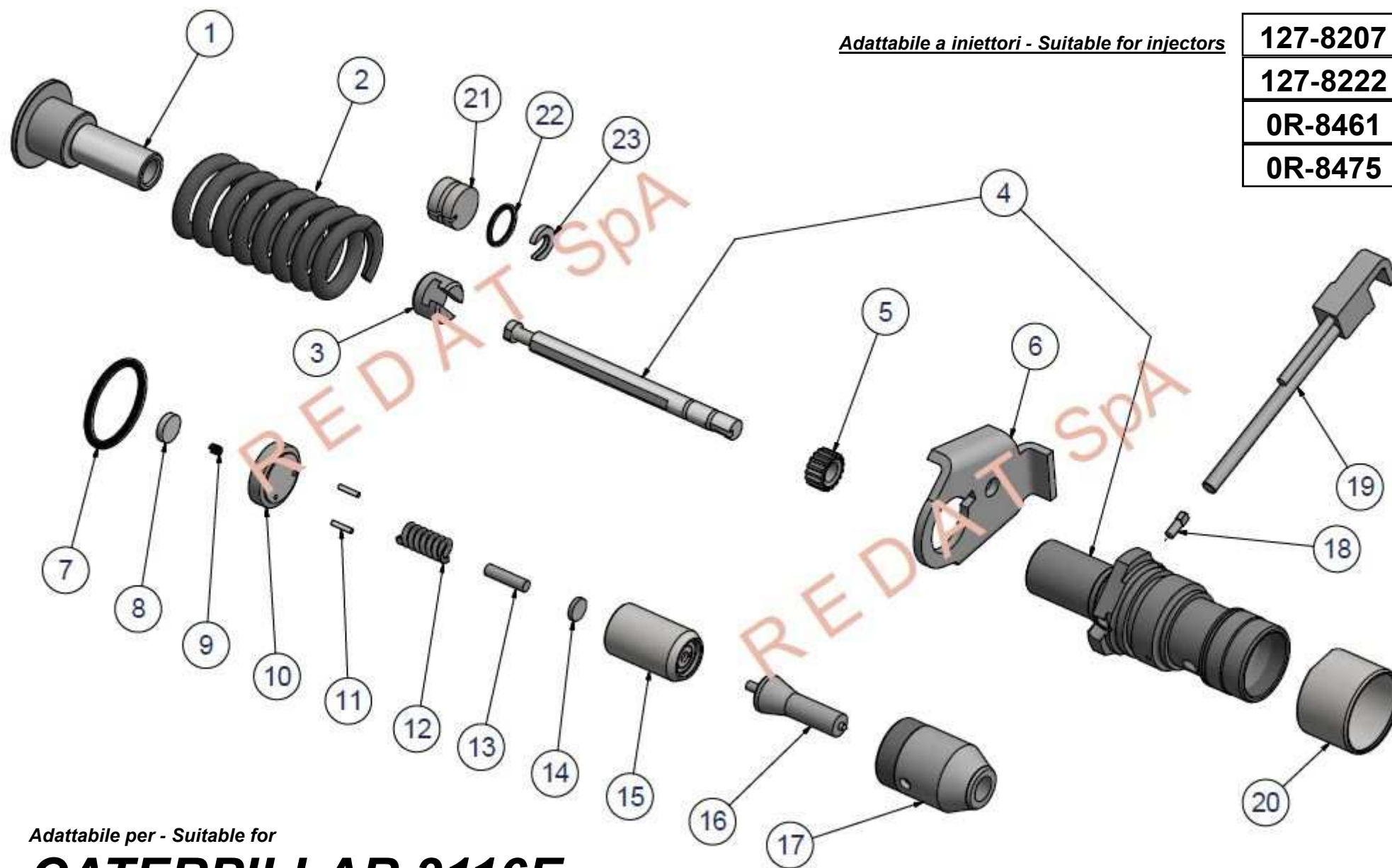
Modo di utilizzo degli attrezzi presenti nella cassetta *USE OF THE TOOLS CONTAINED IN THE BOX*



4 021 524

Consente di eseguire
la prova di pulverizzazione
dell'iniettore

*Allows to perform the
injector spray test*



CATERPILLAR 3116E

K = ITEM INCLUDED IN KIT

RIF.	REDAT	ORIGIN.	Q.TY	DESCRIZIONE	DESCRIPTION	RIF.	REDAT	ORIGIN.	Q.TY	DESCRIZIONE	DESCRIPTION
1	1 211 522		1	SUPPORTO MOLLA per 127-8207	SPRING SUPPORT for 127-8207	8	1 213 519		1	APPOGGIO MOLLA Sp. 2,12	LIFT SPACER h. 2,12
	1 214 568		1	SUPPORTO MOLLA per 127-8222	SPRING SUPPORT for 127-8222		1 213 520		1	APPOGGIO MOLLA Sp. 2,14	LIFT SPACER h. 2,14
2	1 211 515		1	MOLLA	SPRING		1 213 521		1	APPOGGIO MOLLA Sp. 2,16	LIFT SPACER h. 2,16
3	1 211 523		1	TASSELLO per 127-8207	INSERT for 127-8207		1 213 522		1	APPOGGIO MOLLA Sp. 2,18	LIFT SPACER h. 2,18
4	1 214 455		1	GRUPPO POMPANTE per 127-8207	PLUNGER & BODY ASSEMBLY for 127-8207		1 213 523		1	APPOGGIO MOLLA Sp. 2,20	LIFT SPACER h. 2,20
	1 214 572		1	GRUPPO POMPANTE per 127-8222	PLUNGER & BODY ASSEMBLY for 127-8222		1 213 524		1	APPOGGIO MOLLA Sp. 2,22	LIFT SPACER h. 2,22
5	1 211 521		1	PIGNONE per 127-8207	PINION for 127-8207		1 213 525		1	APPOGGIO MOLLA Sp. 2,24	LIFT SPACER h. 2,24
	1 214 571		1	PIGNONE per 127-8222	PINION for 127-8222		1 213 526		1	APPOGGIO MOLLA Sp. 2,26	LIFT SPACER h. 2,26
6	1 211 519		1	PIASTRA	PLATE		1 213 527		1	APPOGGIO MOLLA Sp. 2,28	LIFT SPACER h. 2,28
7	1 211 516		1	O-RING	O-RING		1 213 528		1	APPOGGIO MOLLA Sp. 2,30	LIFT SPACER h. 2,30
8	1 211 524		1	APPOGGIO MOLLA Sp. 1,3	LIFT SPACER h. 1,3		1 213 529		1	APPOGGIO MOLLA Sp. 2,32	LIFT SPACER h. 2,32
	1 211 525		1	APPOGGIO MOLLA Sp. 1,4	LIFT SPACER h. 1,4		1 213 530		1	APPOGGIO MOLLA Sp. 2,34	LIFT SPACER h. 2,34
	1 211 526		1	APPOGGIO MOLLA Sp. 1,5	LIFT SPACER h. 1,5		1 213 531		1	APPOGGIO MOLLA Sp. 2,36	LIFT SPACER h. 2,36
	1 211 527		1	APPOGGIO MOLLA Sp. 1,6	LIFT SPACER h. 1,6		1 213 532		1	APPOGGIO MOLLA Sp. 2,38	LIFT SPACER h. 2,38
	1 211 528		1	APPOGGIO MOLLA Sp. 1,7	LIFT SPACER h. 1,7		1 213 533		1	APPOGGIO MOLLA Sp. 2,40	LIFT SPACER h. 2,40
	1 211 529		1	APPOGGIO MOLLA Sp. 1,8	LIFT SPACER h. 1,8		1 213 534		1	APPOGGIO MOLLA Sp. 2,42	LIFT SPACER h. 2,42
	1 211 530		1	APPOGGIO MOLLA Sp. 1,9	LIFT SPACER h. 1,9		1 213 535		1	APPOGGIO MOLLA Sp. 2,44	LIFT SPACER h. 2,44
	1 209 476		1	APPOGGIO MOLLA Sp. 2	LIFT SPACER h. 2		1 213 536		1	APPOGGIO MOLLA Sp. 2,46	LIFT SPACER h. 2,46
	1 209 477		1	APPOGGIO MOLLA Sp. 2,1	LIFT SPACER h. 2,1		1 213 537		1	APPOGGIO MOLLA Sp. 2,48	LIFT SPACER h. 2,48
	1 209 228		1	APPOGGIO MOLLA Sp. 2,2	LIFT SPACER h. 2,2		1 213 538		1	APPOGGIO MOLLA Sp. 2,50	LIFT SPACER h. 2,50
	1 209 478		1	APPOGGIO MOLLA Sp. 2,3	LIFT SPACER h. 2,3	8	1 213 517		210	KIT APPOGGIO MOLLA	LIFT SPACERS KIT
	1 209 479		1	APPOGGIO MOLLA Sp. 2,4	LIFT SPACER h. 2,4	9	1 211 514		1	MOLLA	SPRING
	1 209 480		1	APPOGGIO MOLLA Sp. 2,5	LIFT SPACER h. 2,5	10	1 211 512		1	DISTANZIALE	SPACER
8	1 210 648		130	KIT APPOGGIO MOLLA	LIFT SPACER KIT	11	1 209 004		1	SPINA	DOWEL
8	1 213 518		1	APPOGGIO MOLLA Sp. 2,10	LIFT SPACER h. 2,10	12	1 211 513		1	MOLLA	SPRING
						13	1 213 594		1	SPINA Sp.15,86	PIN Th. 15,86

CATERPILLAR 3116E

K = ITEM INCLUDED IN KIT

RIF.	REDAT	ORIGIN.	Q.TY	DESCRIZIONE	DESCRIPTION	RIF.	REDAT	ORIGIN.	Q.TY	DESCRIZIONE	DESCRIPTION
13	1 213 595		1	SPINA Sp.15,88	PIN Th. 15,88	14	1 211 544		1	APPOGGIO MOLLA Sp. 2,5	LIFT SPACER h. 2,5
	1 211 518		1	SPINA Sp.15,90	PIN Th. 15,90	14	1 211 531		130	KIT APPOGGIO MOLLA	LIFT SPACER KIT
	1 213 596		1	SPINA Sp.15,92	PIN Th. 15,92		1 213 543		1	APPOGGIO MOLLA Sp. 2,10	LIFT SPACER h. 2,10
	1 213 597		1	SPINA Sp.15,94	PIN Th. 15,94		1 213 544		1	APPOGGIO MOLLA Sp. 2,12	LIFT SPACER h. 2,12
	1 213 598		1	SPINA Sp.15,96	PIN Th. 15,96		1 213 545		1	APPOGGIO MOLLA Sp. 2,14	LIFT SPACER h. 2,14
	1 213 599		1	SPINA Sp.15,98	PIN Th. 15,98		1 213 546		1	APPOGGIO MOLLA Sp. 2,16	LIFT SPACER h. 2,16
	1 213 600		1	SPINA Sp.16,00	PIN Th. 16,00		1 213 547		1	APPOGGIO MOLLA Sp. 2,18	LIFT SPACER h. 2,18
	1 213 601		1	SPINA Sp.16,02	PIN Th. 16,02		1 213 548		1	APPOGGIO MOLLA Sp. 2,20	LIFT SPACER h. 2,20
	1 213 602		1	SPINA Sp.16,04	PIN Th. 16,04		1 213 549		1	APPOGGIO MOLLA Sp. 2,22	LIFT SPACER h. 2,22
	1 213 603		1	SPINA Sp.16,06	PIN Th. 16,06		1 213 550		1	APPOGGIO MOLLA Sp. 2,24	LIFT SPACER h. 2,24
	1 213 604		1	SPINA Sp.16,08	PIN Th. 16,08		1 213 551		1	APPOGGIO MOLLA Sp. 2,26	LIFT SPACER h. 2,26
	1 213 605		1	SPINA Sp.16,10	PIN Th. 16,10		1 213 552		1	APPOGGIO MOLLA Sp. 2,28	LIFT SPACER h. 2,28
	1 213 606		1	SPINA Sp.16,12	PIN Th. 16,12		1 213 553		1	APPOGGIO MOLLA Sp. 2,30	LIFT SPACER h. 2,30
	1 213 607		1	SPINA Sp.16,14	PIN Th. 16,14		1 213 554		1	APPOGGIO MOLLA Sp. 2,32	LIFT SPACER h. 2,32
13	1 213 593		150	KIT SPINE	PINS KIT		1 213 555		1	APPOGGIO MOLLA Sp. 2,34	LIFT SPACER h. 2,34
14	1 211 532		1	APPOGGIO MOLLA Sp. 1,3	LIFT SPACER h. 1,3		1 213 556		1	APPOGGIO MOLLA Sp. 2,36	LIFT SPACER h. 2,36
	1 211 533		1	APPOGGIO MOLLA Sp. 1,4	LIFT SPACER h. 1,4		1 213 557		1	APPOGGIO MOLLA Sp. 2,38	LIFT SPACER h. 2,38
	1 211 534		1	APPOGGIO MOLLA Sp. 1,5	LIFT SPACER h. 1,5		1 213 558		1	APPOGGIO MOLLA Sp. 2,40	LIFT SPACER h. 2,40
	1 211 535		1	APPOGGIO MOLLA Sp. 1,6	LIFT SPACER h. 1,6		1 213 559		1	APPOGGIO MOLLA Sp. 2,42	LIFT SPACER h. 2,42
	1 211 536		1	APPOGGIO MOLLA Sp. 1,7	LIFT SPACER h. 1,7		1 213 560		1	APPOGGIO MOLLA Sp. 2,44	LIFT SPACER h. 2,44
	1 211 537		1	APPOGGIO MOLLA Sp. 1,8	LIFT SPACER h. 1,8		1 213 561		1	APPOGGIO MOLLA Sp. 2,46	LIFT SPACER h. 2,46
	1 211 538		1	APPOGGIO MOLLA Sp. 1,9	LIFT SPACER h. 1,9		1 213 562		1	APPOGGIO MOLLA Sp. 2,48	LIFT SPACER h. 2,48
	1 211 539		1	APPOGGIO MOLLA Sp. 2	LIFT SPACER h. 2		1 213 563		1	APPOGGIO MOLLA Sp. 2,50	LIFT SPACER h. 2,50
	1 211 540		1	APPOGGIO MOLLA Sp. 2,1	LIFT SPACER h. 2,1	14	1 213 542		210	KIT APPOGGIO MOLLA	LIFT SPACER KIT
	1 211 541		1	APPOGGIO MOLLA Sp. 2,2	LIFT SPACER h. 2,2	15	1 211 510		1	BOCCOLA POLVERIZZATORE	NOZZLE BUSH
	1 211 542		1	APPOGGIO MOLLA Sp. 2,3	LIFT SPACER h. 2,3	16	CTRF2018	7E-0506	1	POLVERIZZATORE per 127-8207	NOZZLE for 127-8207
	1 211 543		1	APPOGGIO MOLLA Sp. 2,4	LIFT SPACER h. 2,4						

K = ITEM INCLUDED IN KIT

- 167 -

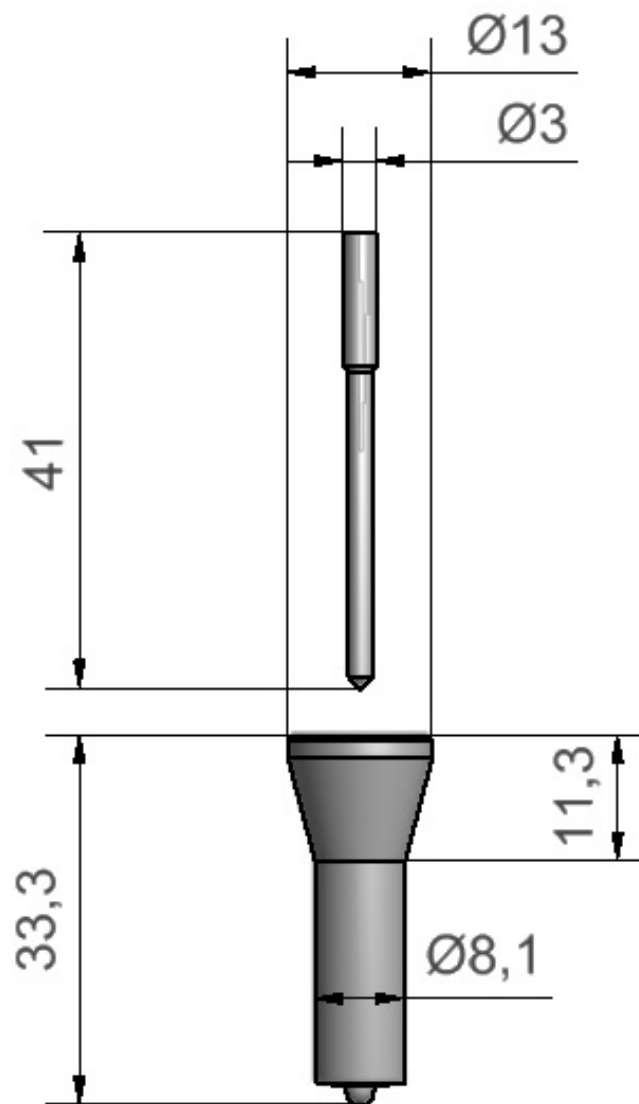
NOZZLES suitable for CATERPILLAR

CTRF2018 7E-0506

suitable for: 127-8207

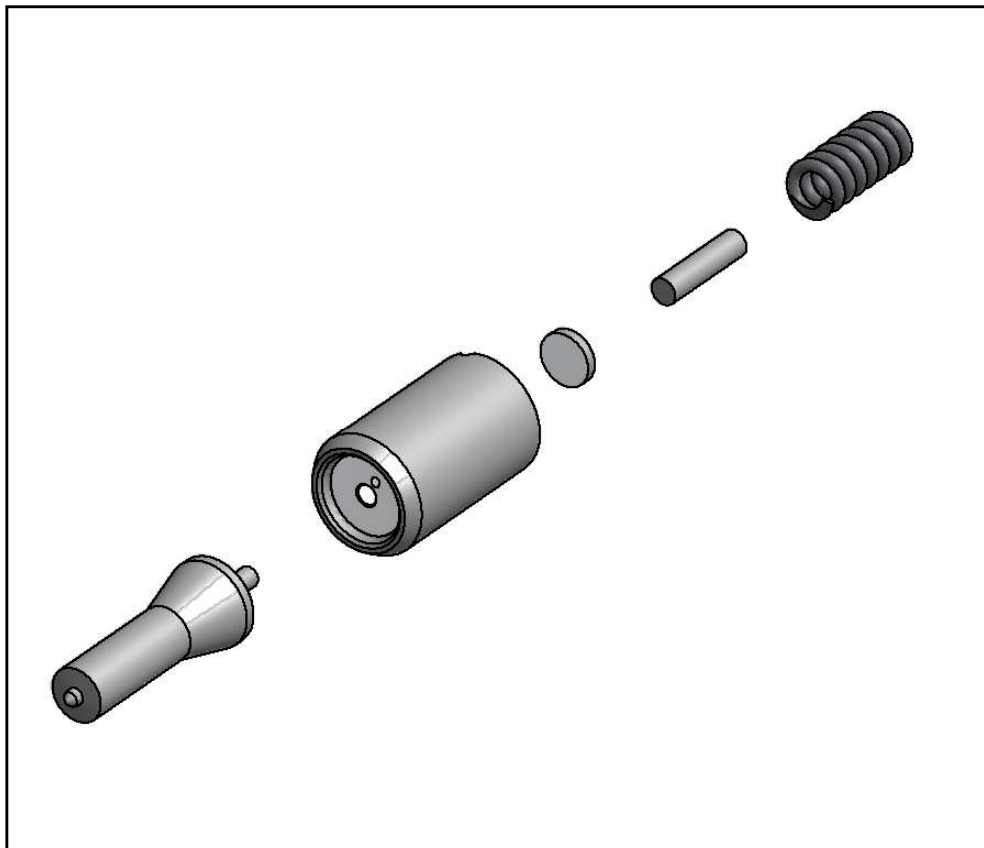
CTRF2050 4P-1733

suitable for: 127-8222



N° HOLES = 6

GRUPPI POLVERIZZATORE NOZZLE GROUPS 3116E



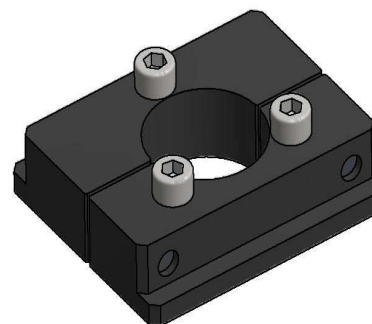
INJECTOR REF.	NOZZLE GROUP
127-8216 / 0R-8682	CTRF9507
127-8213 / 0R-8473	CTRF9508
127-8225 / 0R-8469	CTRF9510
127-8218 / 0R-8684	CTRF9511
127-8222 / 0R-8461	CTRF9512
127-8207 / 0R-8475	CTRF9536

CASSETTA ATTREZZI MONTAGGIO / SMONTAGGIO CATERPILLAR 3116
COMPLETE TOOL SET FOR CATERPILLAR 3116 ASSEMBLING / DISASSEMBLING


4 010 953


ATTREZZO MONTAGGIO/SMONTAGGIO
DADO POLVERIZZATORE

*NOZZLE NUT ASSEMBLING /
DISASSEMBLING TOOL*

4 021 860


BLOCCHETTO FISSAGGIO INIETTORE

BLOCK TOOL JIG

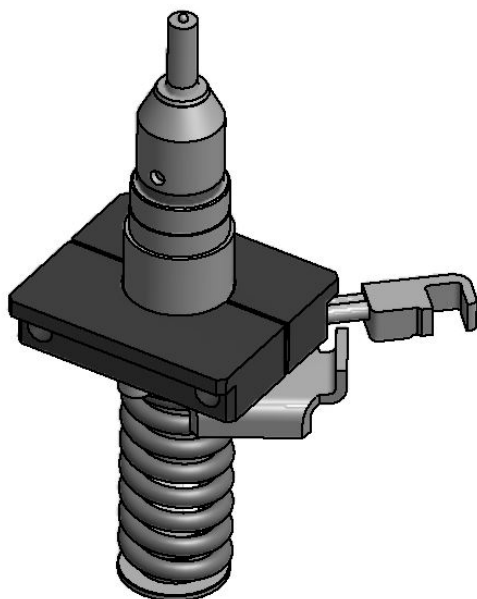
4 021 857


ATTREZZO PROVA POLVERIZZATORE

NOZZLE TESTING TOOL

4 021 861

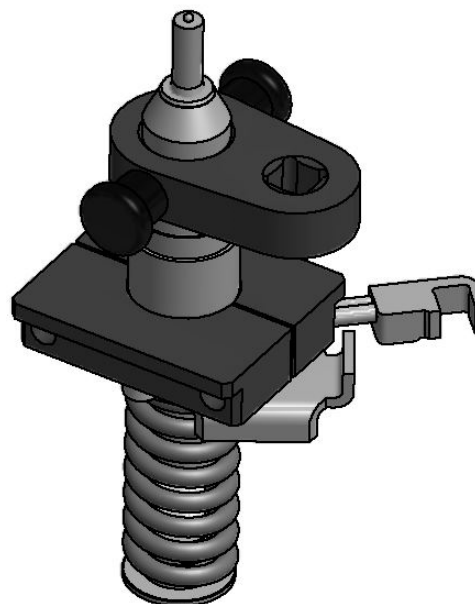
Modo di utilizzo degli attrezzi presenti nella cassetta USE OF THE TOOLS CONTAINED IN THE BOX



 **4 021 857**

Consente il fissaggio dell'iniettore per le fasi di montaggio/smontaggio componenti.

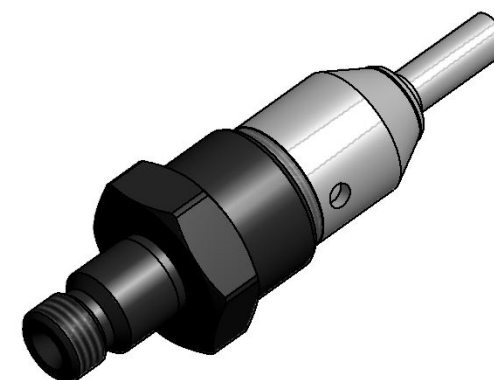
Allows to hold the injector body for the assembling and disassembling of the parts .



 **4 021 860**

Consente il montaggio/smontaggio del dado polverizzatore

Allows to assembling and disassembling the nozzle nut



 **4 021 861**

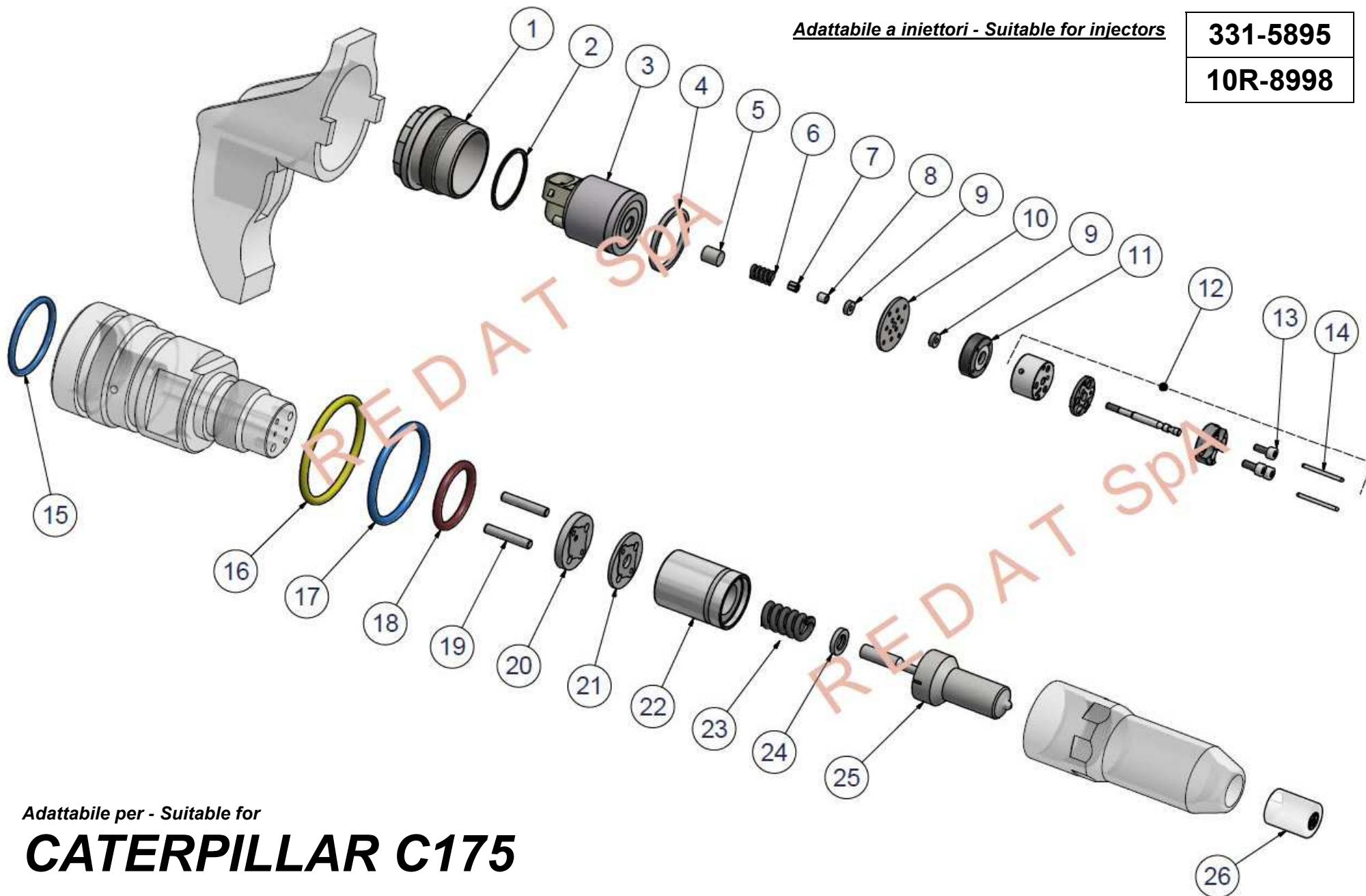
Consente di eseguire la prova di polverizzazione dell'iniettore

Allows to perform the injector spray test

Adattabile a iniettori - Suitable for injectors

331-5895

10R-8998



Adattabile per - Suitable for

CATERPILLAR C175

CATERPILLAR C175

K = ITEM INCLUDED IN KIT

RIF.	REDAT	ORIGIN.	Q.TY	DESCRIZIONE	DESCRIPTION	RIF.	REDAT	ORIGIN.	Q.TY	DESCRIZIONE	DESCRIPTION
1	1 213 694		1	DADO SOLENOIDE	SOLENOID NUT		1 213 773		1	APPOGGIO MOLLA Sp. 7,60	LIFT SPACER Th. 7,60
2	1 213 683		1	RONDELLA	WASHER	5	1 213 685		55	KIT APPOGGIO MOLLA	LIFT SPACERS KIT
3	1 213 688		1	SOLENOIDE	SOLENOID	6	1 211 269		1	MOLLA	SPRING
4	1 213 736		1	RONDELLA Sp. 2,20	WASHER Th. 2,20	7	1 211 270		1	DADO	NUT
	1 213 737		1	RONDELLA Sp. 2,22	WASHER Th. 2,22	8	1 211 271		1	DISTANZIALE	SPACER
	1 213 738		1	RONDELLA Sp. 2,24	WASHER Th. 2,24	9	1 211 272		2	DISTANZIALE	SPACER
	1 213 739		1	RONDELLA Sp. 2,26	WASHER Th. 2,26	10	1 213 686		1	DISCO	DISK
	1 213 740		1	RONDELLA Sp. 2,28	WASHER Th. 2,28	11	1 211 275		1	GHIERA	RING NUT
	1 213 741		1	RONDELLA Sp. 2,30	WASHER Th. 2,30	12	1 213 687		1	VALVOLA di CONTROLLO COMPLETA	COMPLETE CONTROL VALVE
	1 213 742		1	RONDELLA Sp. 2,32	WASHER Th. 2,32	13	1 213 696		3	VITE M3X7	SCREW M3X7
	1 213 743		1	RONDELLA Sp. 2,34	WASHER Th. 2,34	14	1 211 274		2	SPINA	DOWEL
	1 213 744		1	RONDELLA Sp. 2,36	WASHER Th. 2,36	15	1 213 689		1	O-RING	O-RING K
	1 213 745		1	RONDELLA Sp. 2,38	WASHER Th. 2,38	16	1 213 693		1	O-RING	O-RING K
	1 213 746		1	RONDELLA Sp. 2,40	WASHER Th. 2,40	17	1 213 692		1	O-RING	O-RING K
4	1 213 684		110	KIT RONDELLE DI COMP.	SHIMS KIT	18	1 213 690		1	O-RING	O-RING K
5	1 213 762		1	APPOGGIO MOLLA Sp. 7,50	LIFT SPACER Th. 7,50	19	1 213 680		2	SPINA	DOWEL
	1 213 763		1	APPOGGIO MOLLA Sp. 7,51	LIFT SPACER Th. 7,51	20	1 213 682		1	DISTANZIALE	SPACER
	1 213 764		1	APPOGGIO MOLLA Sp. 7,52	LIFT SPACER Th. 7,52	21	1 213 681		1	DISTANZIALE	SPACER
	1 213 765		1	APPOGGIO MOLLA Sp. 7,53	LIFT SPACER Th. 7,53	22	1 213 679		1	BOCCOLA	BUSH K
	1 213 766		1	APPOGGIO MOLLA Sp. 7,54	LIFT SPACER Th. 7,54	23	1 213 677		1	MOLLA	SPRING
	1 213 767		1	APPOGGIO MOLLA Sp. 7,55	LIFT SPACER Th. 7,55	24	1 213 789		1	APPOGGIO MOLLA Sp. 2,00	LIFT SPACER Th. 2,00
	1 213 769		1	APPOGGIO MOLLA Sp. 7,56	LIFT SPACER Th. 7,56		1 213 790		1	APPOGGIO MOLLA Sp. 2,01	LIFT SPACER Th. 2,01
	1 213 770		1	APPOGGIO MOLLA Sp. 7,57	LIFT SPACER Th. 7,57		1 213 791		1	APPOGGIO MOLLA Sp. 2,02	LIFT SPACER Th. 2,02
	1 213 771		1	APPOGGIO MOLLA Sp. 7,58	LIFT SPACER Th. 7,58		1 213 792		1	APPOGGIO MOLLA Sp. 2,03	LIFT SPACER Th. 2,03
	1 213 772		1	APPOGGIO MOLLA Sp. 7,59	LIFT SPACER Th. 7,59		1 213 793		1	APPOGGIO MOLLA Sp. 2,04	LIFT SPACER Th. 2,04

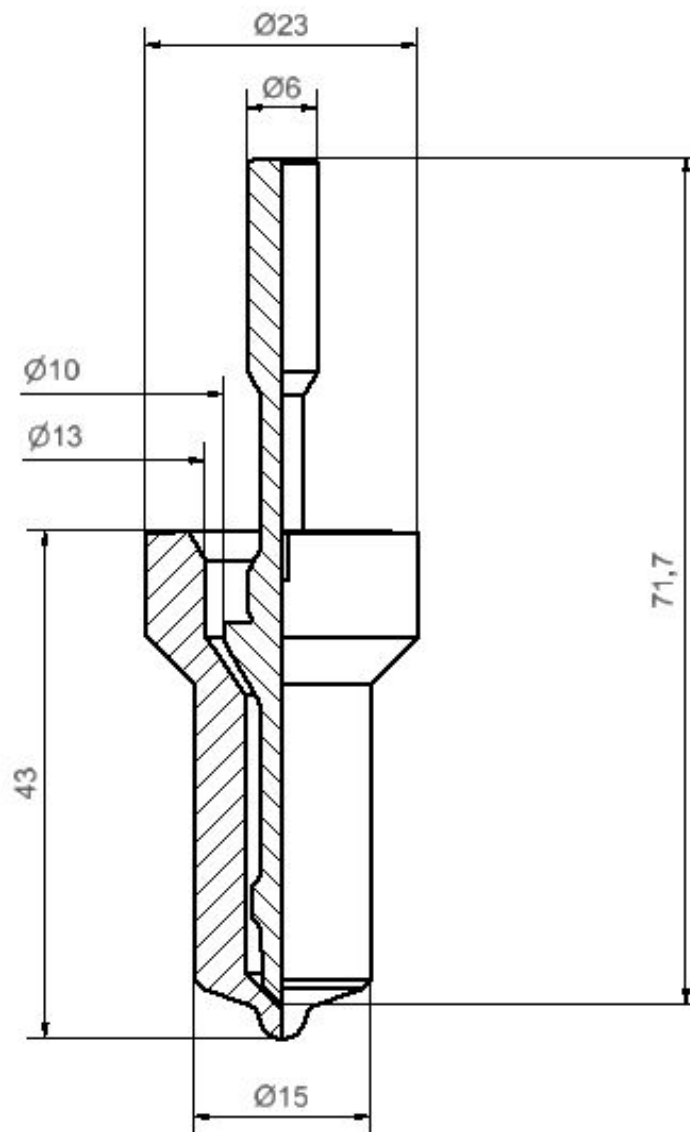
K = ITEM INCLUDED IN KIT

- 174 -

NOZZLES suitable for CATERPILLAR

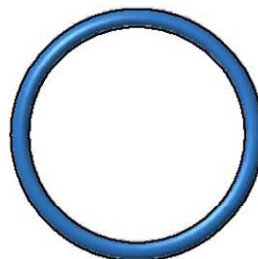
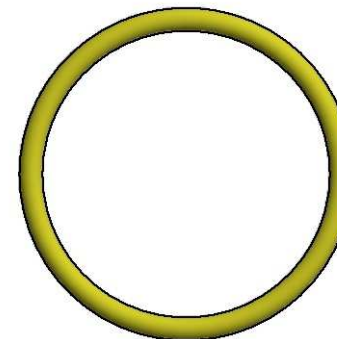
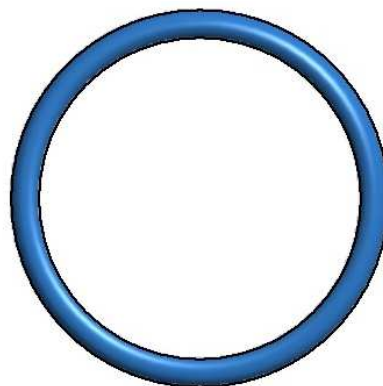
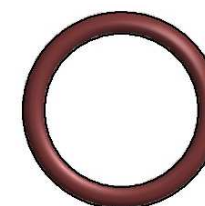
CTRF100P application CAT C175

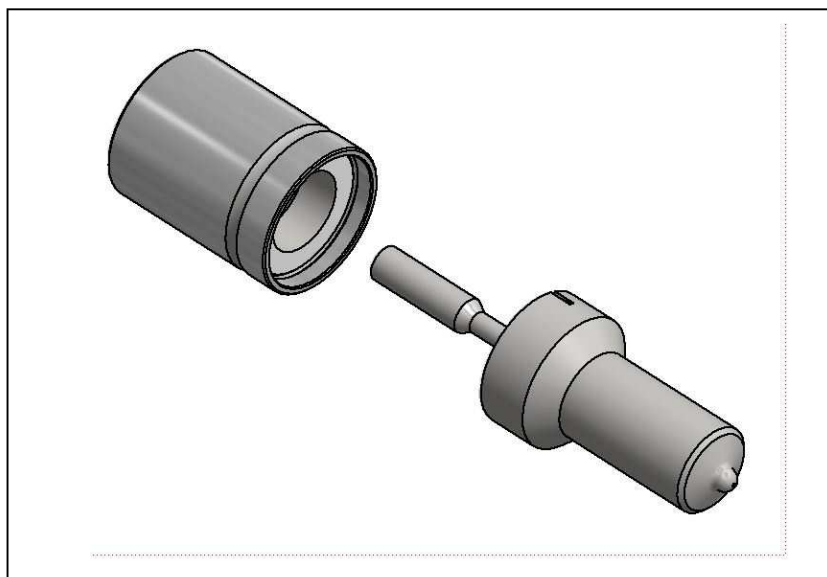
for injector 331-5895



N° HOLES = 5

SERIE GUARNIZIONI PER INIETTORI - GASKET KIT
adattabile per
suitable for **CATERPILLAR C175**

1 213 730

O-RING (AZZURRO - AZURE) - Q.TY 1
REDAT CODE 1 213 689

O-RING (GIALLO - YELLOW) - Q.TY 1
REDAT CODE 1 213 693

O-RING (AZZURRO - AZURE) - Q.TY 1
REDAT CODE 1 213 692

O-RING (MARRONE - BROWN) - Q.TY 1
REDAT CODE 1 213 690

GRUPPO POLVERIZZATORE
NOZZLE GROUP**CATERPILLAR C175**

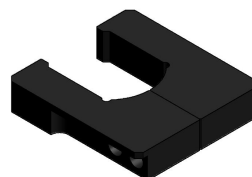
P/N INJECTOR	
331-5895	1 213 805

CASSETTA ATTREZZI MONTAGGIO / SMONTAGGIO CATERPILLAR C175
COMPLETE TOOL SET FOR CATERPILLAR C175 ASSEMBLING / DISASSEMBLING



4 010 954

Immagine non disponibile
Image not available



BLOCCHETTO
FISSAGGIO
INIETTORE

HOLDING
BLOCK
INJECTOR

4 021 865



CHIAVE A
BUSSOLA

SOCKET
WRENCH

4 021 532



CHIAVE A
BUSSOLA
SOLENOIDE

SOLENOID
SOCKET
WRENCH

4 021 863



INSERTO
TORX TX 8
TORX TX 8 -
1/4" INSERT

4 021 407

INSERTO
TORX TX 10
TORX TX 10 -
1/4" INSERT

4 021 167



CHIAVE A
BUSSOLA
DADO POLV.

NOZZLE NUT
SOCKET
WRENCH

4 021 864

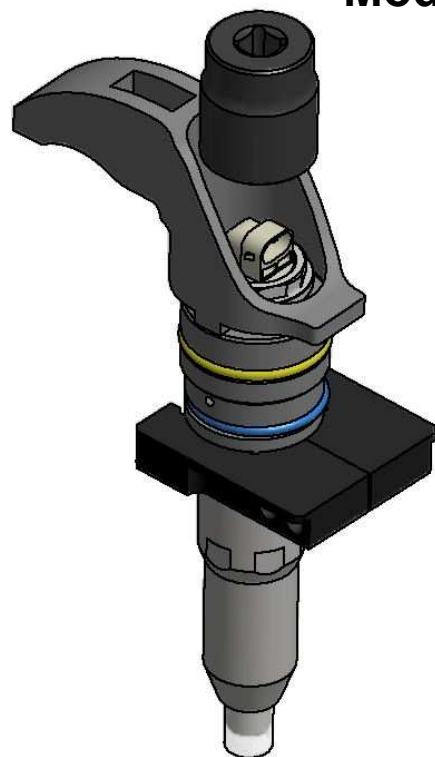


CHIAVE
MONTAGGIO /
SMONTAGGIO
GHIERA A
CROCE

CROSS RING
NUT
ASSEMBLING /
DISMOUNTING
WRENCH

4 021 868

Modo di utilizzo degli attrezzi presenti nella cassetta USE OF THE TOOLS CONTAINED IN THE BOX



4 021 863

Consente il montaggio/smontaggio
del dado solenoide

Allows to assembling and disassembling the solenoid nut



4 021 865

Consente il fissaggio dell'iniettore
per le fasi di montaggio/
smontaggio componenti.

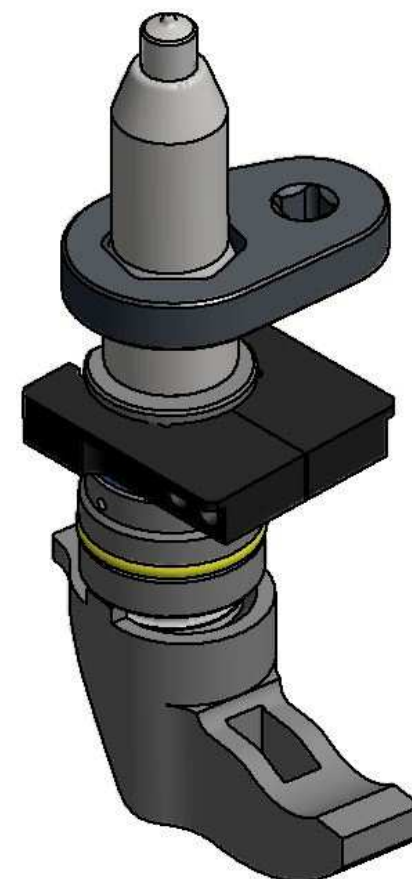
*Allows to hold the injector body for
the assembling and disassembling
of the parts .*



4 021 864

Consente il montaggio/smontaggio
del dado polverizzatore

Allows to assembling and disassembling the nozzle nut

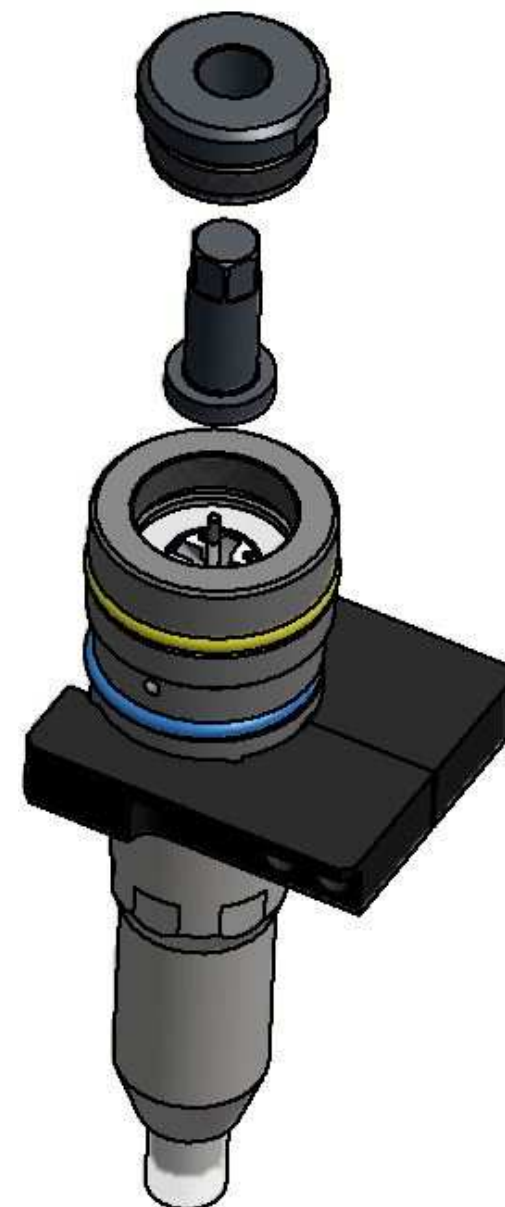




4 021 869 + 4 021 532

Consente il montaggio/smontaggio
del dado ghiera

Allows to assembling and disassembling the ring nut



4 021 868

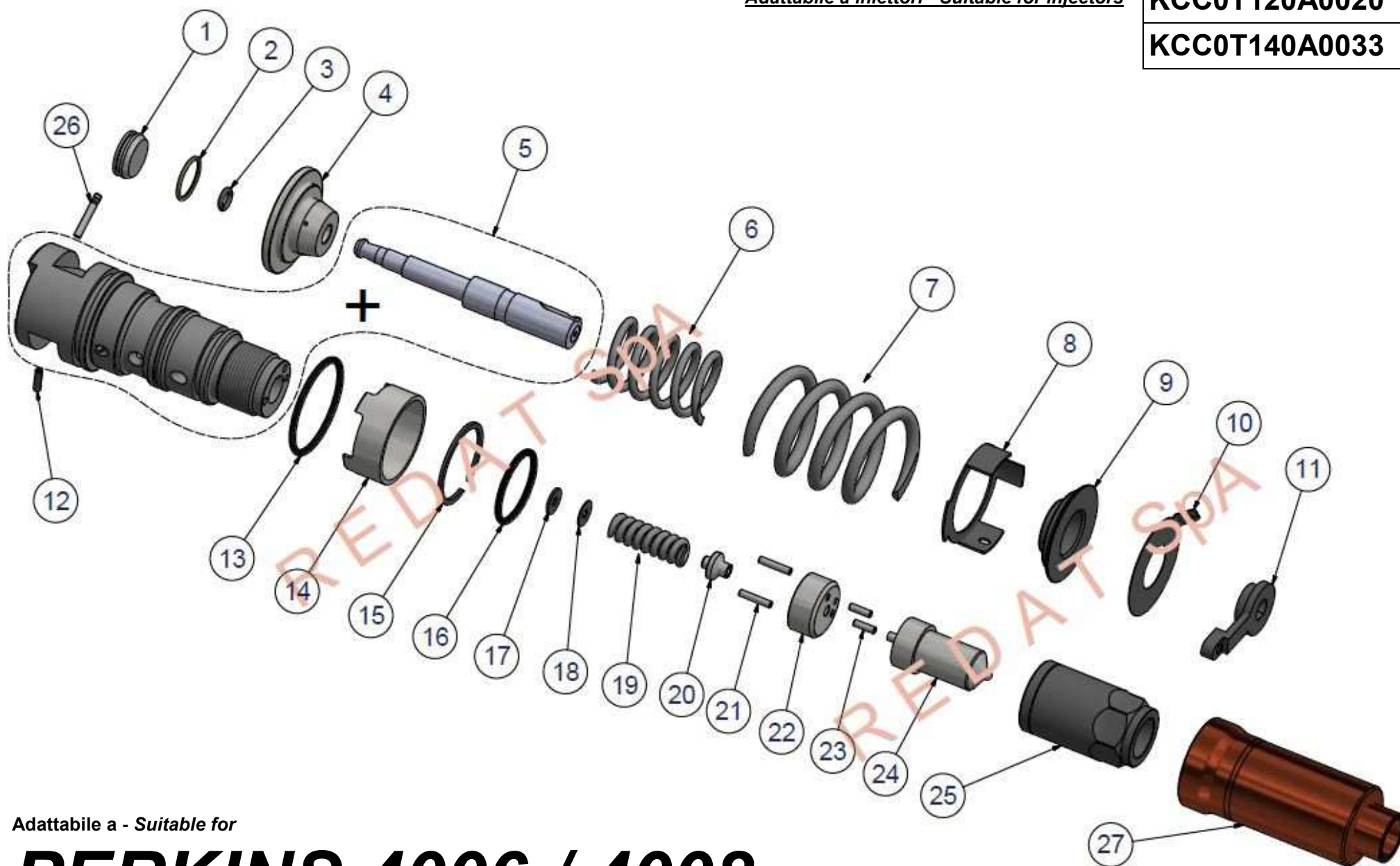
Consente il montaggio/smontaggio
ghiera a croce

Allows to assembling and disassembling the cross ring nut

Adattabile a iniettori - Suitable for injectors

KCC0T120A0020

KCC0T140A0033



Adattabile a - Suitable for

PERKINS 4006 / 4008

K = ITEM INCLUDED IN KIT

PERKINS 4006 / 4008											
RIF.	REDAT	ORIGIN.	Q.TY	DESCRIZIONE	DESCRIPTION	RIF.	REDAT	ORIGIN.	Q.TY	DESCRIZIONE	DESCRIPTION
1	1 214 632		1	DISTANZIALE per KCC0T140A0033	SPACER for KCC0T140A0033	13	1 215 136		1	O-RING per KCC0T120A0020	O-RING for KCC0T120A0020 K
	1 215 129		1	DISTANZIALE per KCC0T120A0020	SPACER for KCC0T120A0020	14	1 214 653		1	ANELLO	RING
2	1 214 627		1	O-RING	O-RING K	15	1 214 651		1	ANELLO ELASTICO	ELASTIC RING
3	1 214 636		2	SEMI ANELLO per KCC0T140A0033	HALF RING for KCC0T140A0033	16	1 212 759		1	O-RING per KCC0T140A0033	O-RING for KCC0T140A0033 K
	1 215 130		1	ANELLO ELASTICO per KCC0T120A0020	SAFETY RING for KCC0T120A0020		1 207 730		1	O-RING per KCC0T120A0020	O-RING for KCC0T120A0020 K
4	1 214 652		1	SUPPORTO POMPANTE per KCC0T140A0033	PLUNGER SUPPORT for KCC0T140A0033	17	1 214 638		1	RONDELLA ACCIAIO	STEEL WASHER
	1 215 131		1	SUPPORTO POMPANTE per KCC0T120A0020	PLUNGER SUPPORT for KCC0T120A0020	18	1 214 640		1	APPOGGIO MOLLA Sp. 0,40	LIFT SPACER h. 0,40
5	1 214 668		1	GRUPPO POMPANTE per KCC0T140A0033	PLUNGER & BODY ASSEMBLY for KCC0T140A0033		1 214 641		1	APPOGGIO MOLLA Sp. 0,42	LIFT SPACER h. 0,42
	1 215 132		1	GRUPPO POMPANTE per KCC0T120A0020	PLUNGER & BODY ASSEMBLY for KCC0T120A0020		1 214 642		1	APPOGGIO MOLLA Sp. 0,44	LIFT SPACER h. 0,44
6	1 214 625		1	MOLLA	SPRING		1 214 643		1	APPOGGIO MOLLA Sp. 0,46	LIFT SPACER h. 0,46
7	1 214 626		1	MOLLA per KCC0T140A0033	SPRING for KCC0T140A0033		1 214 644		1	APPOGGIO MOLLA Sp. 0,48	LIFT SPACER h. 0,48
	1 215 135		1	MOLLA per KCC0T120A0020	SPRING for KCC0T120A0020		1 214 645		1	APPOGGIO MOLLA Sp. 0,50	LIFT SPACER h. 0,50
8	1 214 655		1	GABBIA	CAGE		1 214 646		1	APPOGGIO MOLLA Sp. 0,52	LIFT SPACER h. 0,52
9	1 214 656		1	FLANGIA	FLANGE		1 214 647		1	APPOGGIO MOLLA Sp. 0,54	LIFT SPACER h. 0,54
10	1 214 654		1	PIASTRA	PLATE		1 214 648		1	APPOGGIO MOLLA Sp. 0,56	LIFT SPACER h. 0,56
11	1 214 633		1	LEVA	LEVER		1 214 649		1	APPOGGIO MOLLA Sp. 0,58	LIFT SPACER h. 0,58
12	1 203 879		1	SPINA ELASTICA	ELASTIC PIN		1 214 650		1	APPOGGIO MOLLA Sp. 0,60	LIFT SPACER h. 0,60
13	1 214 628		1	O-RING per KCC0T140A0033	O-RING for KCC0T140A0033 K	18	1 214 639		110	KIT APPOGGIO MOLLA	SPRING SUPPORT KIT
						19	1 214 624		1	MOLLA	SPRING
						20	1 214 631		1	PERNO POLVERIZZATORE	NOZZLE PIN
						21	1 214 635		2	SPINA	DOWEL
						22	1 214 630		1	DISTANZIALE	SPACER
						23	1 214 634		2	SPINA	DOWEL

K = ITEM INCLUDED IN KIT

PERKINS 4006 / 4008

RIF.	REDAT	ORIGIN.	Q.TY	DESCRIZIONE	DESCRIPTION
24	RH155301101	H155T30H1101P4	1	POLVERIZZATORE	NOZZLE
	RH15530837	H155T30H837P4	1	POLVERIZZATORE	NOZZLE
25	1 214 629		1	DADO POLVERIZZATORE	NOZZLE NUT
26	1 214 637		1	PERNO	PIN
27	1 215 094	SE1/12	1	BOCCOLA PARAFIAMMA	HEAT SHIELD BUSH
KIT GUARNIZIONI / GASKET KIT 1 214 658 per/for KCC0T140A0033					
2	1 214 627		1	O-RING	O-RING
13	1 214 628		1	O-RING	O-RING
16	1 212 759		1	O-RING	O-RING
KIT GUARNIZIONI / GASKET KIT 1 215 137 per/for KCC0T120A0020					
2	1 214 627		1	O-RING	O-RING
13	1 215 136		1	O-RING	O-RING
16	1 207 730		1	O-RING	O-RING

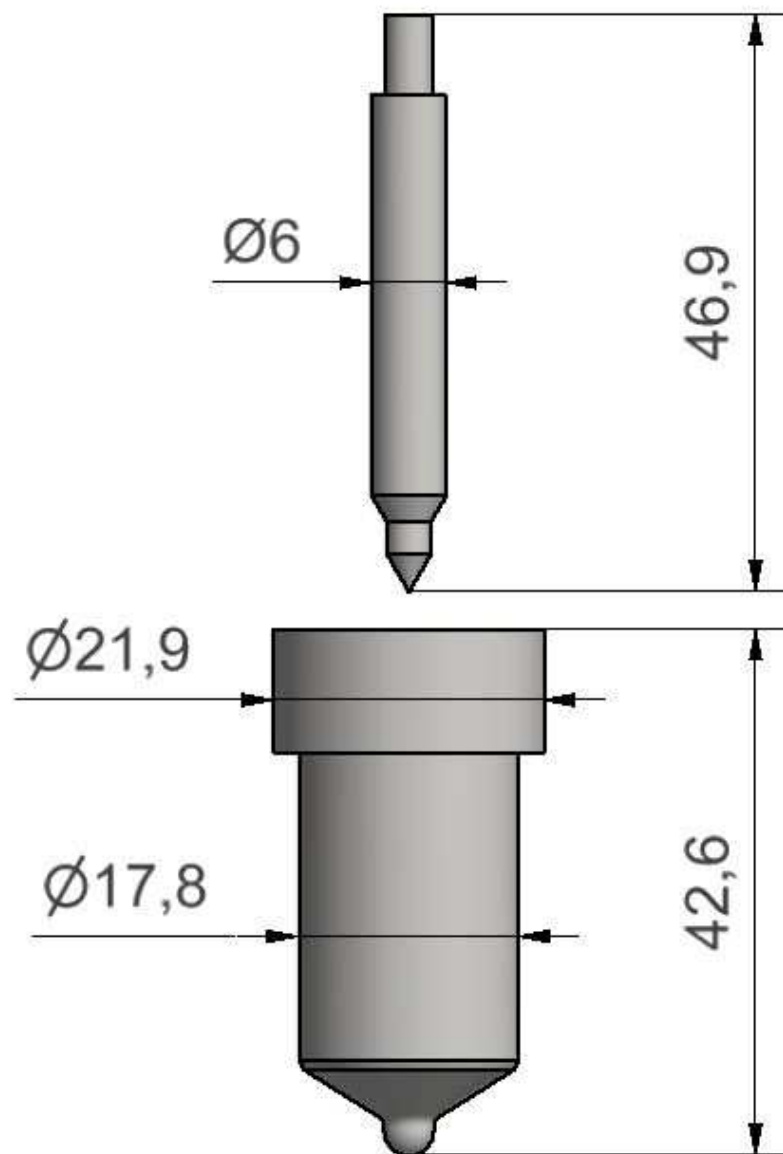
NOZZLES suitable for PERKINS 4006

RHTH155301101

155P30H1101P4

Suitable for: H155T30H1101P4

Application: injector KCC0T140A0033



N° HOLES = 8

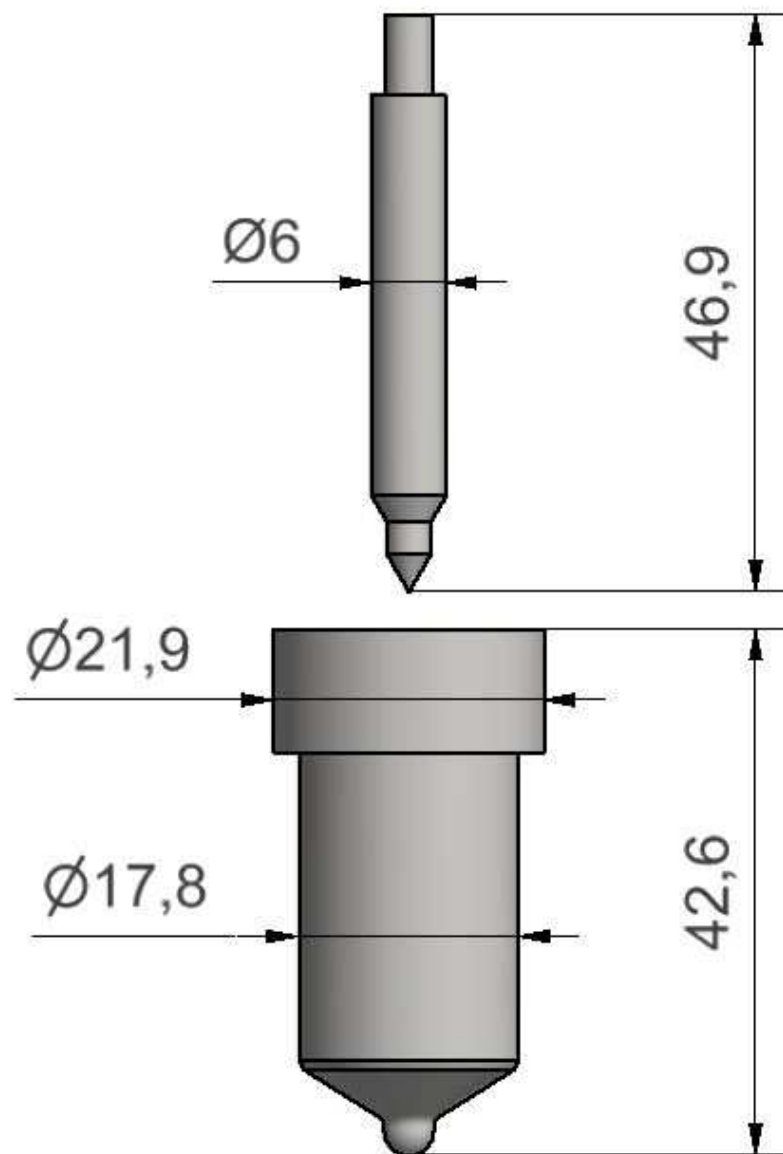
NOZZLES suitable for PERKINS 4008

RHTH15530837

155P30H837P4

Suitable for: H155T30H837P4

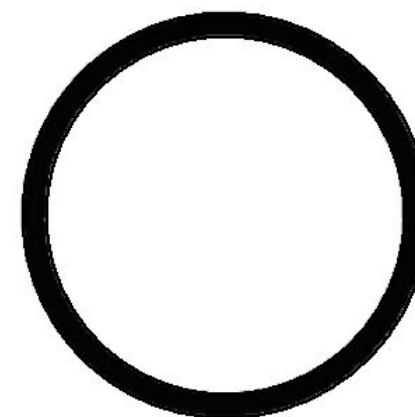
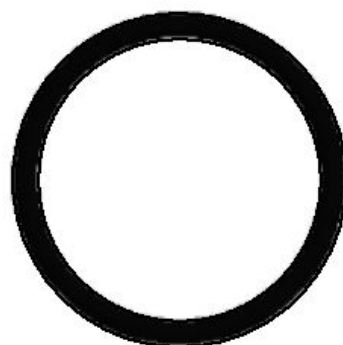
Application: injector KCC0T120A0020



N° HOLES = 8

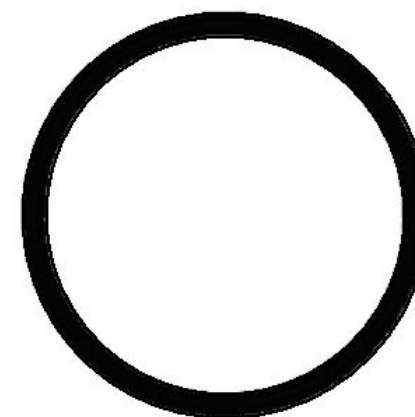
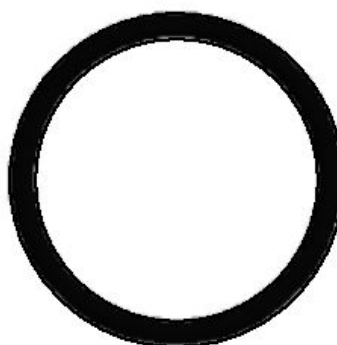
SERIE GUARNIZIONI PER INIETTORI - GASKET KIT
adattabile per
suitable for **PERKINS 4006**

1 214 658

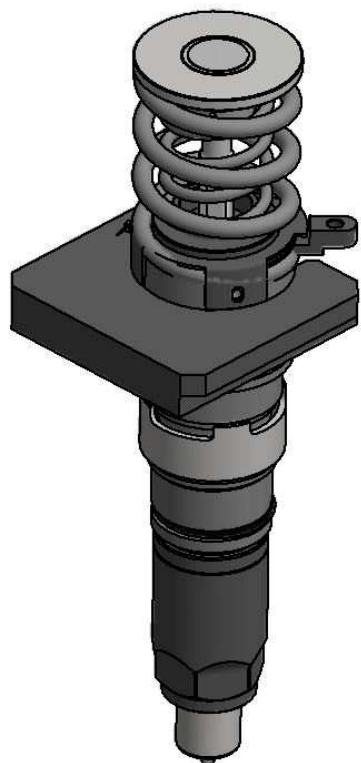
O-RING (VERDE - GREEN) - Q.TY 1
REDAT CODE 1 214 627

O-RING (NERO - BLACK) - Q.TY 1
REDAT CODE 1 214 628

O-RING (NERO - BLACK) - Q.TY 1
REDAT CODE 1 212 759

SERIE GUARNIZIONI PER INIETTORI - GASKET KIT
adattabile per
suitable for **PERKINS 4008**

1 215 137

O-RING (VERDE - GREEN) - Q.TY 1
REDAT CODE 1 214 627

O-RING (NERO - BLACK) - Q.TY 1
REDAT CODE 1 215 136

O-RING (NERO - BLACK) - Q.TY 1
REDAT CODE 1 207 730

ATTREZZI MONTAGGIO / SMONTAGGIO PERKINS 4006 / 4008
TOOLS FOR PERKINS 4006 ASSEMBLING / DISASSEMBLING



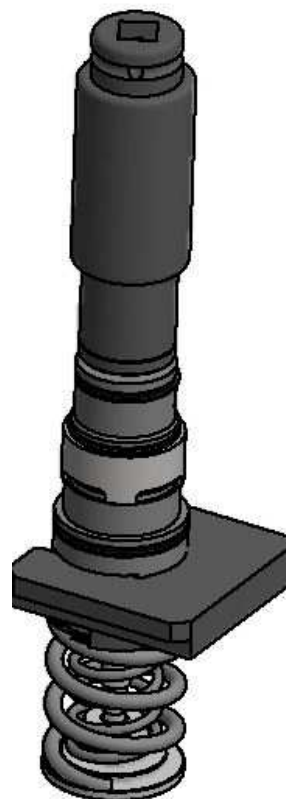
4 021 924

Blocchetto fissaggio iniettore

Adatto per operazioni di montaggio/smontaggio componenti.

Holding block injector

Suitable for components assembly-disassembly operations



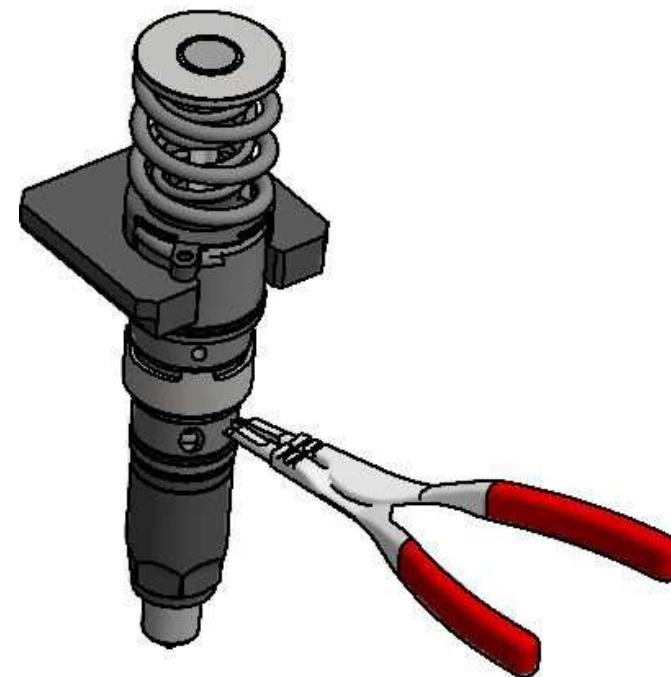
4 021 083

Chiave e bussola dado pulverizzatore

Consente il montaggio/smontaggio del dado pulverizzatore

Nozzle nut bush wrench

Allows to assembling and disassembling the nozzle nut



4 021 923

Pinza per anello elastico

Consente la rimozione dell'anello elastico

Elastic ring plier

Allows to disassembling the elastic ring

COMMON RAIL

Adattabile a iniettori - Suitable for injectors

32F61-00060

32F61-00062

095000-320D

326-4700

10R-7673

10R-7675

2645A742
ex 2645A708

2645A745

2645A746
ex 2645A738

2645A747

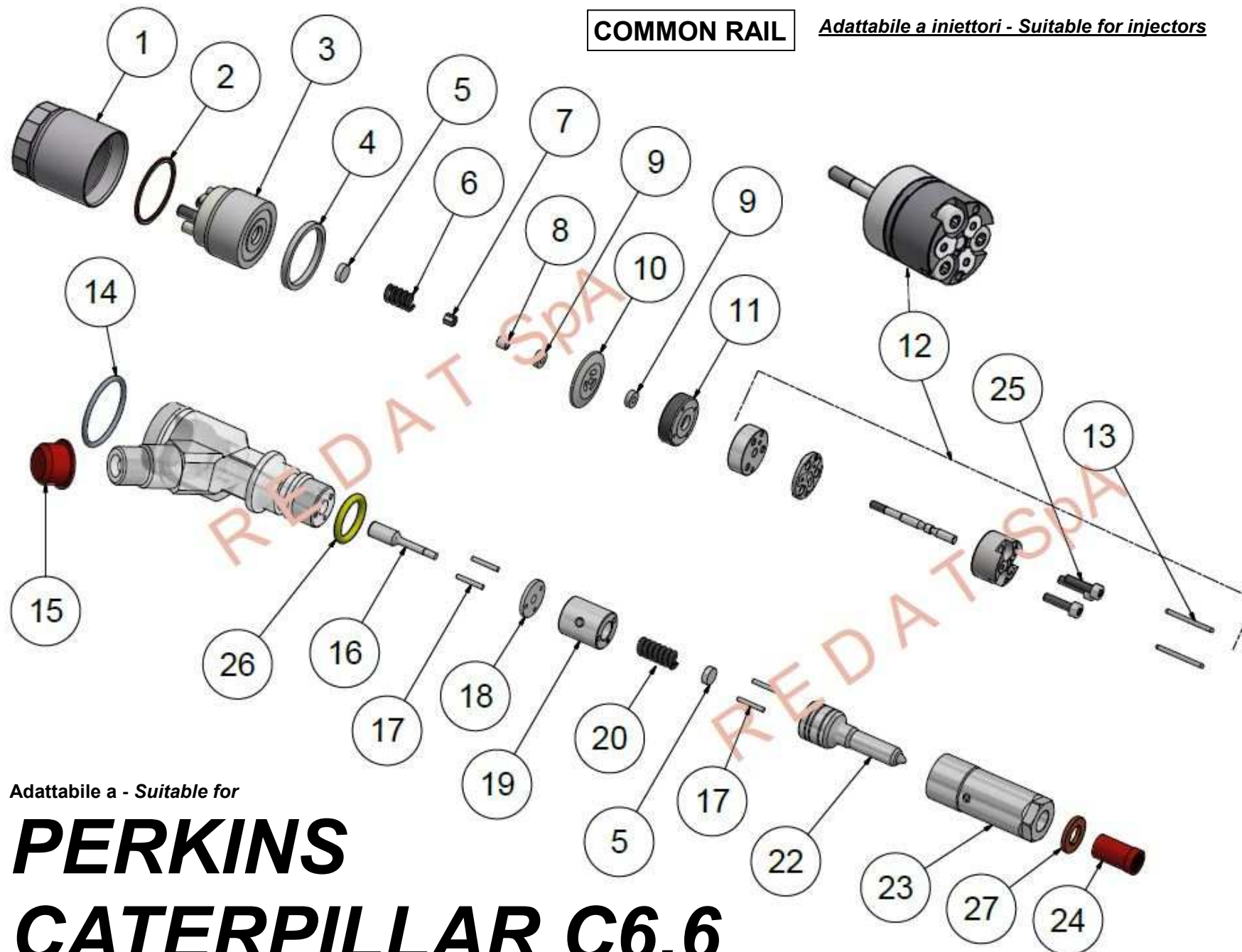
2645A749

2645A751

Adattabile a - Suitable for

PERKINS

CATERPILLAR C6.6



PERKINS - CATERPILLAR C6.6

K = ITEM INCLUDED IN KIT

RIF.	REDAT	ORIGIN.	Q.TY	DESCRIZIONE	DESCRIPTION	RIF.	REDAT	ORIGIN.	Q.TY	DESCRIZIONE	DESCRIPTION
1	1 211 225		1	DADO SOLENOIDE	SOLENOID NUT	19	1 211 283		1	BOCCOLA	BUSH
2	1 211 229		1	RONDELLA	WASHER	20	1 211 284		1	MOLLA	SPRING
3	1 211 228		1	SOLENOIDE	SOLENOID	22	CTRF2015 CTRF2015 CTRF2015 CTRF2016 CTRF2034 CTRF2035 CTRF2035 CTRF2049 CTRF2052 CTRF2053	for injector 095000-320D 326-4700 10R-7675 2645A745 2645A746 2645A747 2645A751 2645A742 2645A749	1	POLVERIZZATORE	NOZZLE
4	1 211 230		1	KIT RONDELLE DI COMPENSAZIONE Da 2,10 a 2,50 (0,02)	SHIMS KIT 2,10 to 2,50 (0,02)						
5	1 213 486		1	KIT SPESSORI DI COMPENSAZIONE Da 1,45 a 1,60 (0,01)	SHIMS KIT 1,45 to 1,60 (0,01)						
	1 211 252		1	KIT SPESSORI DI COMPENSAZIONE Da 2,05 a 2,20 (0,01)	SHIMS KIT 2,05 to 2,20 (0,01)						
	1 211 285		1	KIT SPESSORI DI COMPENSAZIONE Da 2,15 a 2,30 (0,01)	SHIMS KIT 2,15 to 2,30 (0,01)						
6	1 211 269		1	MOLLA	SPRING	23	1 211 302		1	DADO POLVERIZZATORE	NOZZLE NUT
7	1 211 270		1	DADO	NUT	24	1 207 429		1	TAPPO DI PROTEZIONE	PLASTIC CAP K
8	1 211 271		1	DISTANZIALE	SPACER	25	1 211 278		3	VITE M3x12 per 32F61-00062	SCREW M3x12 for 32F61-00062
9	1 211 272		2	DISTANZIALE	SPACER	26	1 213 465		1	O-RING	O-RING K
10	1 211 273		1	VALVOLA	VALVE	27	1 214 405		1	PARAFIAMMA	HEAT SHIELD K
11	1 211 275		1	GHIERA	NUT		1 214 673		1	PARAFIAMMA per 2645A742 - 746 - 749 - 751 - 10R7673	HEAT SHIELD for 2645A742 - 746 - 749 - 751 - 10R7673
12	1 212 545		1	VALVOLA CONTROLLO COMPLETA 32F61-00062	COMPLETE CONTROL VALVE 32F61-00062						
	1 213 485		1	VALVOLA CONTROLLO COMPLETA 32F61-00060	COMPLETE CONTROL VALVE 32F61-00060						
13	1 211 274		2	SPINA	DOWEL K	SERIE GUARNIZIONI / GASKETS KIT 1 214 305					
14	1 211 279		1	O-RING	O-RING K	13	1 211 274		2	SPINA	DOWEL
15	1 204 235		1	TAPPO DI PROTEZIONE	PLASTIC CAP	14	1 211 279		1	O-RING	O-RING
16	1 211 280		1	POMPANTE	PLUNGER	17	1 211 281		4	SPINA	DOWEL
17	1 211 281		4	SPINA	DOWEL K	24	1 207 429		1	TAPPO DI PROTEZIONE	PLASTIC CAP
18	1 211 282		1	DISTANZIALE	SPACER	26	1 213 465		1	O-RING	O-RING

PERKINS - CATERPILLAR C6.6					
RIF.	REDAT	ORIGIN.	Q.TY	DESCRIZIONE	DESCRIPTION
SERIE GUARNIZIONI / GASKETS KIT 1 214 402					
2	1 211 229		1	RONDELLA	WASHER
24	1 207 429		1	TAPPO DI PROTEZIONE	PLASTIC CAP
26	1 213 465		1	O-RING	O-RING
27	1 214 405		1	PARAFIAMMA	HEAT SHIELD
	1 214 404		1	O-RING	O-RING
	1 210 796		1	O-RING	O-RING
	1 213 647		1	TAPPO DI PROTEZIONE	PLASTIC CAP
SERIE GUARNIZIONI / GASKETS KIT 1 214 403					
2	1 211 229		1	RONDELLA	WASHER
13	1 211 274		2	SPINA	DOWEL
14	1 211 279		1	O-RING	O-RING
17	1 211 281		4	SPINA	DOWEL
24	1 207 429		1	TAPPO DI PROTEZIONE	PLASTIC CAP
26	1 213 465		1	O-RING	O-RING
27	1 214 405		1	PARAFIAMMA	HEAT SHIELD
	1 214 404		1	O-RING	O-RING
	1 210 796		1	O-RING	O-RING
	1 213 647		1	TAPPO DI PROTEZIONE	PLASTIC CAP

NOZZLES suitable for PERKINS - CATERPILLAR

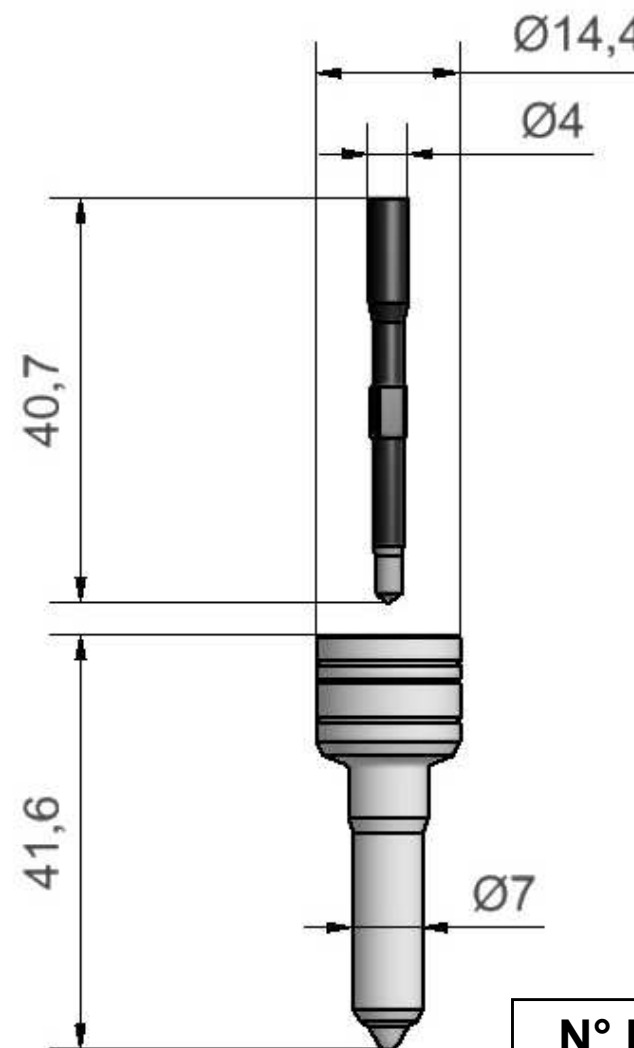
CTRF2015 application C6.6

P/N: 095000-320D

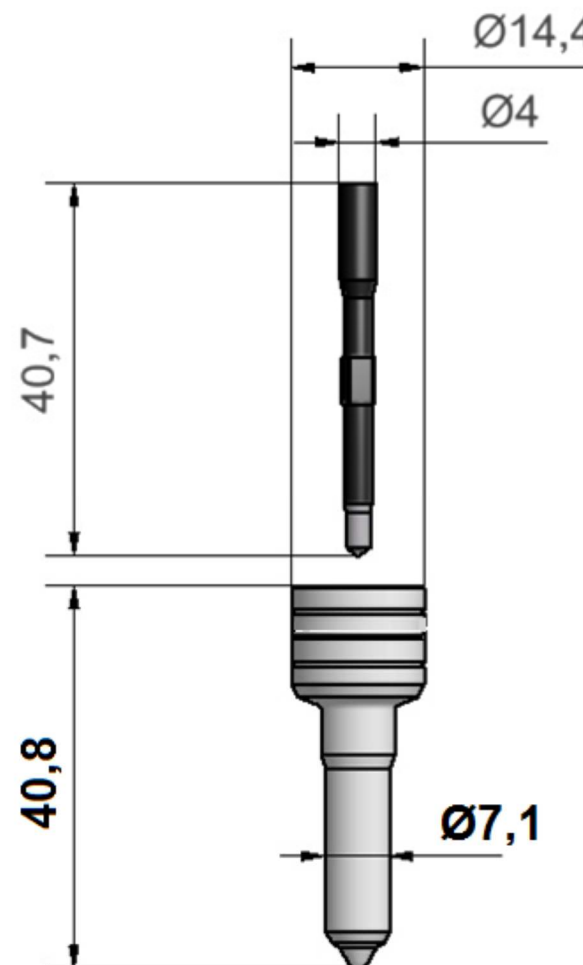
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P/N: 10R-7675

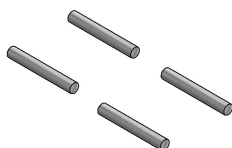
CTRF2016 application C6.6



N° HOLES = 6

NOZZLES suitable for **PERKINS - CATERPILLAR****CTRF2034 application PERKINS****P/N: 2645A745****CTRF2035 application PERKINS****P/N: 2645A746****P/N: 2645A747****CTRF2049 application PERKINS****P/N: 2645A751****CTRF2052 application PERKINS****P/N: 2645A742****CTRF2053 application PERKINS****P/N: 2645A749****N° HOLES = 6**

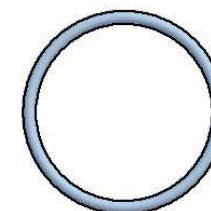
SERIE GUARNIZIONI - GASKET KIT

adattabile per suitable for **PERKINS
CATERPILLAR C6.6****1 214 305****SPINE - PINS**
Q.TY 4

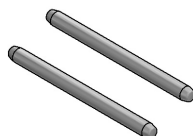
REDAT CODE 1 211 281

**O-RING (GIALLO - YELLOW)**
Q.TY 1

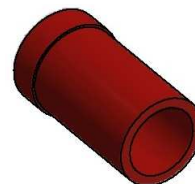
REDAT CODE 1 213 465

**O-RING (AZZURRO - AZURE)**
Q.TY 1

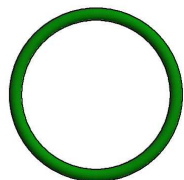
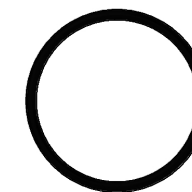
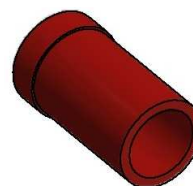
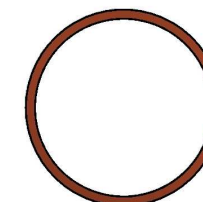
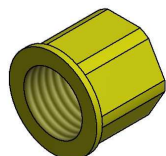
REDAT CODE 1 211 279

**SPINE - PINS**
Q.TY 2

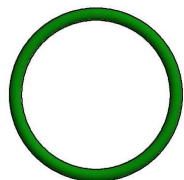
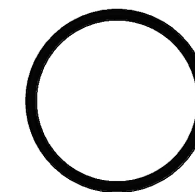
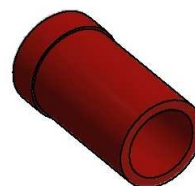
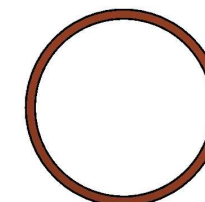
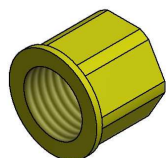
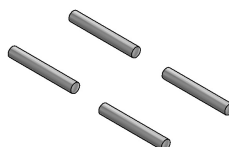
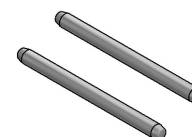
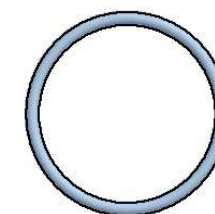
REDAT CODE 1 211 274

**TAPPO DI PROTEZIONE - CAP**
Q.TY 1

REDAT CODE 1 207 429

SERIE GUARNIZIONI - GASKET KITadattabile per suitable for **PERKINS
CATERPILLAR C6.6****1 214 402****O-RING (VERDE - GREEN) - Q.TY 1****REDAT CODE 1 214 404****PARAFIAMMA - HEAT SHIELD - Q.TY 1****REDAT CODE 1 214 405****O-RING (NERO - BLACK) - Q.TY 1****REDAT CODE 1 210 796****O-RING (GIALLO-YELLOW) - Q.TY 1****REDAT CODE 1 213 465****TAPPO DI PROTEZIONE - CAP - Q.TY 1****REDAT CODE 1 207 429****RONDELLA IN RAME - COPPER WASHER
Q.TY 1****REDAT CODE 1 211 229****TAPPO - CAP - Q.TY 1****REDAT CODE 1 213 647**

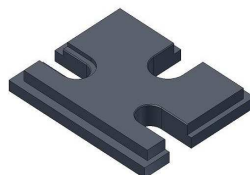
SERIE GUARNIZIONI - GASKET KIT

adattabile per suitable for **PERKINS**
CATERPILLAR C6.6**1 214 403****O-RING (VERDE - GREEN) - Q.TY 1****REDAT CODE 1 214 404****PARAFIAMMA - HEAT SHIELD - Q.TY 1****REDAT CODE 1 214 405****O-RING (NERO - BLACK) - Q.TY 1****REDAT CODE 1 210 796****O-RING (GIALLO-YELLOW) - Q.TY 1****REDAT CODE 1 213 465****TAPPO DI PROTEZIONE - PLASTIC CAP - Q.TY 1****REDAT CODE 1 207 429****RONDELLA IN RAME - COPPER WASHER
Q.TY 1****REDAT CODE 1 211 229****TAPPO - CAP - Q.TY 1****REDAT CODE 1 213 647****SPINE - PINS - Q.TY 4****REDAT CODE 1 211 281****SPINE - PINS - Q.TY 2****REDAT CODE 1 211 274****O-RING (AZZURRO - AZURE) - Q.TY 1****REDAT CODE 1 211 279**

CASSETTA ATTREZZI MONTAGGIO / SMONTAGGIO PERKINS - CATERPILLAR C6.6 **COMPLETE TOOL SET FOR CATERPILLAR C6.6 ASSEMBLING / DISASSEMBLING**



4 010 492

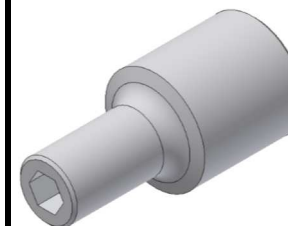


BLOCCHETTO
FISSAGGIO
INIETTORE

HOLDING
BLOCK
INJECTOR



4 010 853



CHIAVE A
BUSSOLA

SOCKET
WRENCH



4 021 532



CHIAVE A
BUSSOLA

SOCKET
WRENCH

4 010 850



INSERTO 1/4"
Torx TX10
Torx TX10 - 1/4"
INSERT

4 021 167

INSERTO 1/4"
Torx TX8
Torx TX8 -
1/4" INSERT

4 021 407



CHIAVE
ESAGONALE
APERTA

HEXAGONAL
OPEN WRENCH

4 021 176



CHIAVE PER
GHIERA A
CROCE

CROSS RING
NUT WRENCH

4 021 535



CHIAVE
BLOCCAGGIO
GHIERA

WRENCH
LOCKINGRING
NUT

4 021 530

Attrezzi montaggio/smontaggio iniettore Injector assembling/disassembling tool for

PERKINS CATERPILLAR C6.6



4 010 853

Blocchetto fissaggio iniettore

Holding block injector



4 010 850

Attrezzo montaggio/smontaggio

solenoid

Assembling/disassembling tool

for solenoid



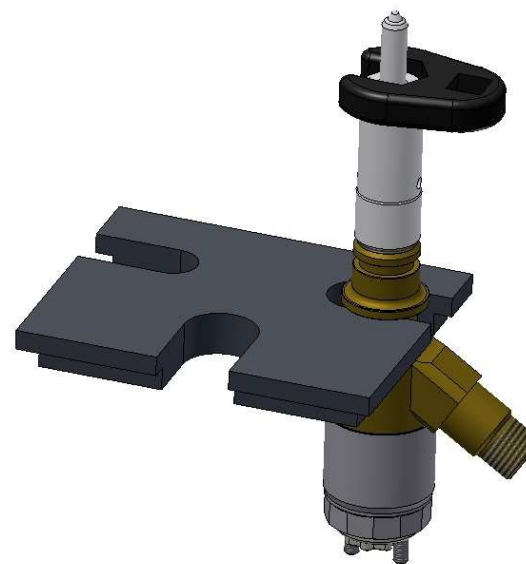
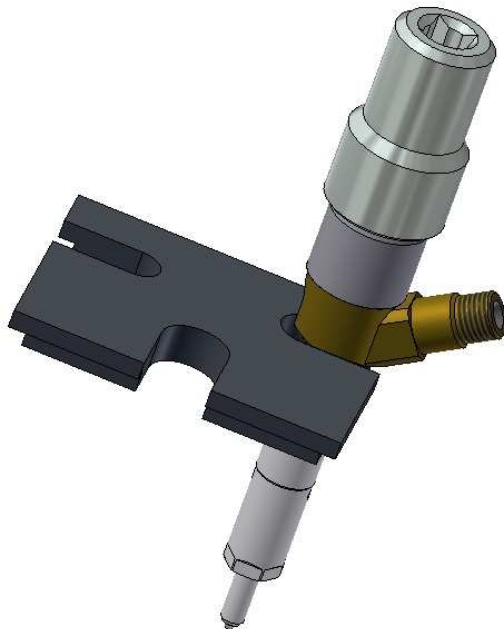
4 021 176

Chiave montaggio/smontaggio dado pulverizzatore

Nozzle nut assembling/disassembling wrench



4 020 381 *in alternativa - alternative*

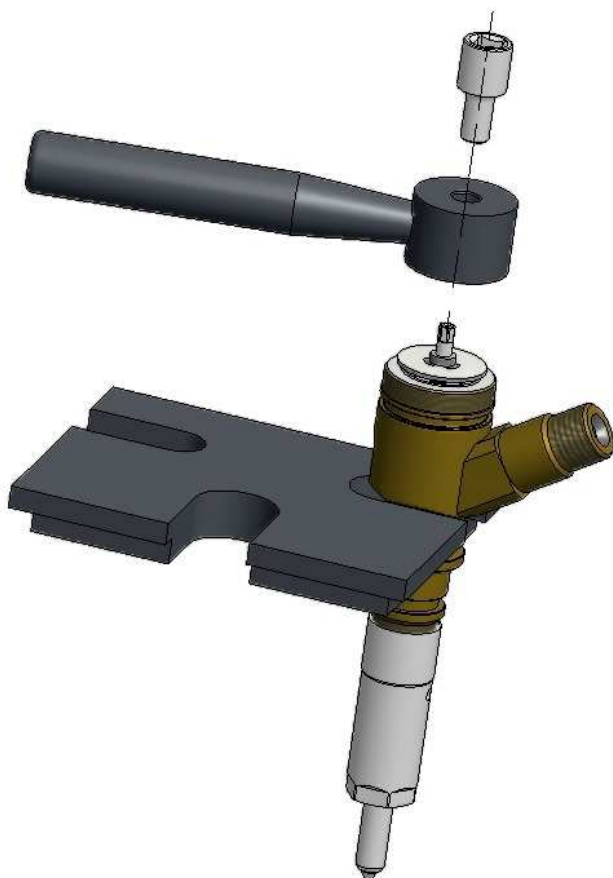




4 021 530 + 4 021 532

Chiave montaggio/smontaggio dado +
chiave a bussola

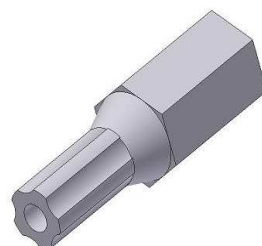
Nut assembling/disassembling wrench +



**4 021 167
4 021 407**

Inserto 1/4" Torx TX10
Inserto 1/4" Torx TX8

*Torx TX10 - 1/4" insert
Torx TX8 - 1/4" insert*



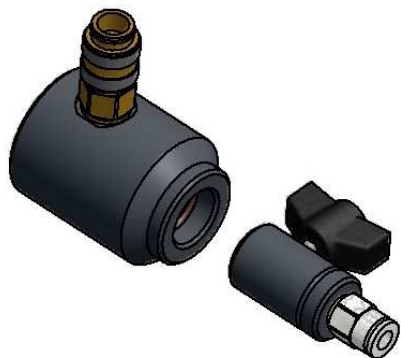
4 021 535

Chiave montaggio/smontaggio ghiera a
croce

*Cross ring nut assembling/disassembling
wrench*



BLOCCHETTI PROVA INIETTORI - INJECTORS TEST JIGS



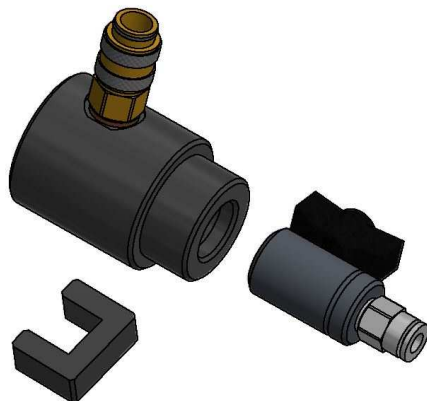
- per portainiettori
PERKINS - CAT 6.6

- for nozzle holders
PERKINS - CAT 6.6

- ϕ 18 mm
- **Suitable for Bosch test bench**



4 021 734



- per portainiettori
PERKINS - CAT 6.6

- for nozzle holders
PERKINS - CAT 6.6

- ϕ 18 mm
- **Suitable for Hartridge Sabre**



4 021 927

CASSETTE SPESSORI DI CALIBRAZIONE PER INIETTORI
COMPLETE SET OF CALIBRATION SHIMS FOR INJECTORS
PERKINS
CATERPILLAR

 1 210 645 Cassetta - Complete set		Ø6 2,30÷3,00 (0,1)	
REDAT REF.	CATERPILLAR REF.	Spessore(mm) Thickness(mm)	Q.tà / Q.ty
1 209 469		2,30	10
1 209 470		2,40	10
1 209 471		2,50	10
1 209 236		2,60	10
1 209 472		2,70	10
1 209 473		2,80	10
1 209 474		2,90	10
1 209 475		3,00	10

 1 210 646 Cassetta - Complete set		Ø8 2,30÷3,00 (0,1)	
REDAT REF.	CATERPILLAR REF.	Spessore(mm) Thickness(mm)	Q.tà / Q.ty
1 209 481		2,30	10
1 209 482		2,40	10
1 209 483		2,50	10
1 209 484		2,60	10
1 209 485		2,70	10
1 209 456		2,80	10
1 209 486		2,90	10
1 209 487		3,00	10

 1 213 486 Cassetta - Complete set			Ø6,6 1,45÷1,60 (0,01)	
REDAT REF.	CATERPILLAR REF.	Spessore(mm) Thickness(mm)	Q.tà / Q.ty	
1 213 487		1,45	10	
1 213 488		1,46	10	
1 213 489		1,47	10	
1 213 490		1,48	10	
1 213 491		1,49	10	
1 213 492		1,50	10	
1 213 493		1,51	10	
1 213 494		1,52	10	
1 213 495		1,53	10	
1 213 496		1,54	10	
1 213 497		1,55	10	
1 213 498		1,56	10	
1 213 499		1,57	10	
1 213 500		1,58	10	
1 213 501		1,59	10	
1 213 502		1,60	10	

 1 211 252 Cassetta - Complete set			Ø6,6 2,05÷2,20 (0,01)	
REDAT REF.	CATERPILLAR REF.	Spessore(mm) Thickness(mm)	Q.tà / Q.ty	
1 211 253		2,05	10	
1 211 254		2,06	10	
1 211 255		2,07	10	
1 211 256		2,08	10	
1 211 257		2,09	10	
1 211 258		2,10	10	
1 211 259		2,11	10	
1 211 260		2,12	10	
1 211 261		2,13	10	
1 211 262		2,14	10	
1 211 263		2,15	10	
1 211 264		2,16	10	
1 211 265		2,17	10	
1 211 266		2,18	10	
1 211 267		2,19	10	
1 211 268		2,20	10	

 1 211 285 Cassetta - Complete set		Ø6,6 2,15÷2,30 (0,01)	
REDAT REF.	CATERPILLAR REF.	Spessore(mm) <i>Thickness(mm)</i>	Q.tà / <i>Q.ty</i>
1 211 263		2,15	10
1 211 264		2,16	10
1 211 265		2,17	10
1 211 266		2,18	10
1 211 267		2,19	10
1 211 268		2,20	10
1 211 292		2,21	10
1 211 293		2,22	10
1 211 294		2,23	10
1 211 295		2,24	10
1 211 296		2,25	10
1 211 297		2,26	10
1 211 298		2,27	10
1 211 299		2,28	10
1 211 300		2,29	10
1 211 301		2,30	10

 1 211 531 Cassetta - Complete set		Ø8 1,30÷2,50 (0,1)	
REDAT REF.	CATERPILLAR REF.	Spessore(mm) Thickness(mm)	Q.tà / Q.ty
1 211 532		1,30	10
1 211 533		1,40	10
1 211 534		1,50	10
1 211 535		1,60	10
1 211 536		1,70	10
1 211 537		1,80	10
1 211 538		1,90	10
1 211 539		2,00	10
1 211 540		2,10	10
1 211 541		2,20	10
1 211 542		2,30	10
1 211 543		2,40	10
1 211 544		2,50	10

 1 213 542 Cassetta - Complete set		Ø8 2,10÷2,50 (0,02)	
REDAT REF.	CATERPILLAR REF.	Spessore(mm) Thickness(mm)	Q.tà / Q.ty
1 213 543		2,10	10
1 213 544		2,12	10
1 213 545		2,14	10
1 213 546		2,16	10
1 213 547		2,18	10
1 213 548		2,20	10
1 213 549		2,22	10
1 213 550		2,24	10
1 213 551		2,26	10
1 213 552		2,28	10
1 213 553		2,30	10
1 213 554		2,32	10
1 213 555		2,34	10
1 213 556		2,36	10
1 213 557		2,38	10
1 213 558		2,40	10
1 213 559		2,42	10
1 213 560		2,44	10
1 213 561		2,46	10
1 213 562		2,48	10
1 213 563		2,50	10

**1 210 637****Cassetta - Complete set****Ø8,9****2,00÷2,4 (0,01)**

REDAT REF.	BOSCH REF.	Spessore(mm) Thickness(mm)	Q.tà / Q.ty
1 209 494		2,00	10
1 209 591		2,01	10
1 209 592		2,02	10
1 209 593		2,03	10
1 209 594		2,04	10
1 209 495		2,05	10
1 209 595		2,06	10
1 209 596		2,07	10
1 209 597		2,08	10
1 209 598		2,09	10
1 209 496		2,10	10
1 209 599		2,11	10
1 209 600		2,12	10
1 209 601		2,13	10
1 209 602		2,14	10
1 209 497		2,15	10
1 209 603		2,16	10
1 209 604		2,17	10
1 209 605		2,18	10
1 209 606		2,19	10
1 209 555		2,20	10
1 209 607		2,21	10
1 209 608		2,22	10
1 209 609		2,23	10

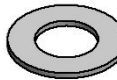
**1 210 637****Cassetta - Complete set****Ø8,9****2,00÷2,47 (0,01)**

REDAT REF.	CATERPILLAR REF.	Spessore(mm) Thickness(mm)	Q.tà / Q.ty
1 209 610		2,24	10
1 208 995		2,25	10
1 209 611		2,26	10
1 209 612		2,27	10
1 209 613		2,28	10
1 209 614		2,29	10
1 209 417		2,30	10
1 209 615		2,31	10
1 209 616		2,32	10
1 209 617		2,33	10
1 209 618		2,34	10
1 209 556		2,35	10
1 209 619		2,36	10
1 209 620		2,37	10
1 209 621		2,38	10
1 209 622		2,49	10
1 209 557		2,40	10
1 212 836		2,41	10
1 212 846		2,42	10
1 212 847		2,43	10
1 212 848		2,44	10
1 212 849		2,45	10
1 212 850		2,46	10
1 212 851		2,47	10

 1 210 648 Cassetta - Complete set		Ø10 1,30÷2,50 (0,1)	
REDAT REF.	CATERPILLAR REF.	Spessore(mm) Thickness(mm)	Q.tà / Q.ty
1 211 524		1,30	10
1 211 525		1,40	10
1 211 526		1,50	10
1 211 527		1,60	10
1 211 528		1,70	10
1 211 529		1,80	10
1 211 530		1,90	10
1 209 476		2,00	10
1 209 477		2,10	10
1 209 228		2,20	10
1 209 478		2,30	10
1 209 479		2,40	10
1 209 480		2,50	10

 1 213 517 Cassetta - Complete set		Ø10 2,10÷2,50 (0,02)	
REDAT REF.	CATERPILLAR REF.	Spessore(mm) Thickness(mm)	Q.tà / Q.ty
1 213 518		2,10	10
1 213 519		2,12	10
1 213 520		2,14	10
1 213 521		2,16	10
1 213 522		2,18	10
1 213 523		2,20	10
1 213 524		2,22	10
1 213 525		2,24	10
1 213 526		2,26	10
1 213 527		2,28	10
1 213 528		2,30	10
1 213 529		2,32	10
1 213 530		2,34	10
1 213 531		2,36	10
1 213 532		2,38	10
1 213 533		2,40	10
1 213 534		2,42	10
1 213 535		2,44	10
1 213 536		2,46	10
1 213 537		2,48	10
1 213 538		2,50	10

 1 209 856 Cassetta - Complete set		Ø3xØ5 1,00÷3,00 (0,1)	
REDAT REF.	CATERPILLAR REF.	Spessore(mm) Thickness(mm)	Q.tà / Q.ty
1 211 637		1,00	10
1 211 638		1,10	10
1 211 639		1,20	10
1 211 640		1,30	10
1 211 641		1,40	10
1 211 642		1,50	10
1 211 643		1,60	10
1 211 644		1,70	10
1 211 645		1,80	10
1 211 646		1,90	10
1 211 647		2,00	10
1 211 648		2,10	10
1 211 649		2,20	10
1 211 650		2,30	10
1 211 651		2,40	10
1 211 652		2,50	10
1 211 653		2,60	10
1 211 654		2,70	10
1 211 655		2,80	10
1 211 656		2,90	10
1 211 657		3,00	10

 1 210 647 Cassetta - Complete set		Ø5,4xØ10,2 0,20÷1,00 (0,1)	
REDAT REF.	CATERPILLAR REF.	Spessore(mm) Thickness(mm)	Q.tà / Q.ty
1 209 461		0,20	10
1 209 462		0,30	10
1 209 463		0,40	10
1 209 219		0,50	10
1 209 464		0,60	10
1 209 465		0,70	10
1 209 466		0,80	10
1 209 467		0,90	10
1 209 468		1,00	10

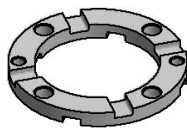
 1 213 678 Cassetta - Complete set		Ø6,2xØ12 2,00÷2,10 (0,01)	
REDAT REF.	CATERPILLAR REF.	Spessore(mm) Thickness(mm)	Q.tà / Q.ty
1 213 789		2,00	10
1 213 790		2,01	10
1 213 791		2,02	10
1 213 792		2,03	10
1 213 793		2,04	10
1 213 794		2,05	10
1 213 795		2,06	10
1 213 796		2,07	10
1 213 797		2,08	10
1 213 798		2,09	10
1 213 799		2,10	10

 1 211 881 Cassetta - Complete set		Ø10,3xØ13,3 1,90÷2,05 (0,01)	
REDAT REF.	CATERPILLAR REF.	Spessore(mm) Thickness(mm)	Q.tà / Q.ty
1 211 882		1,90	10
1 211 883		1,91	10
1 211 884		1,92	10
1 211 885		1,93	10
1 211 886		1,94	10
1 211 887		1,95	10
1 211 888		1,96	10
1 211 889		1,97	10
1 211 890		1,98	10
1 209 458		1,99	10
1 211 891		2,00	10
1 211 892		2,01	10
1 211 893		2,02	10
1 211 894		2,03	10
1 211 895		2,04	10
1 211 896		2,05	10

 1 210 635 Cassetta - Complete set Ø16,5x21,5 2,00÷2,25 (0,01) 				 1 211 552 Cassetta - Complete set Ø20,4xØ25,7 2,00÷2,25 (0,01) 			
REDAT REF.	CATERPILLAR REF.	Spessore(mm) Thickness(mm)	Q.tà / Q.ty	REDAT REF.	CATERPILLAR REF.	Spessore(mm) Thickness(mm)	Q.tà / Q.ty
1 209 399		2.00	10	1 211 553		2.00	10
1 208 981		2.01	10	1 211 554		2.01	10
1 209 400		2.02	10	1 211 555		2.02	10
1 209 401		2.03	10	1 211 556		2.03	10
1 209 402		2.04	10	1 211 557		2.04	10
1 209 403		2.05	10	1 211 558		2.05	10
1 209 404		2.06	10	1 211 559		2.06	10
1 209 405		2.07	10	1 211 560		2.07	10
1 209 406		2.08	10	1 211 561		2.08	10
1 209 407		2.09	10	1 211 562		2.09	10
1 209 408		2.10	10	1 211 563		2.10	10
1 209 409		2.11	10	1 211 564		2.11	10
1 209 410		2.12	10	1 211 565		2.12	10
1 209 411		2.13	10	1 211 566		2.13	10
1 209 412		2.14	10	1 211 567		2.14	10
1 209 413		2.15	10	1 211 568		2.15	10
1 209 414		2.16	10	1 211 569		2.16	10
1 209 415		2.17	10	1 211 570		2.17	10
1 209 416		2.18	10	1 211 571		2.18	10
1 210 656		2.19	10	1 211 572		2.19	10
1 210 657		2.20	10	1 211 573		2.20	10
1 210 658		2.21	10	1 211 574		2.21	10
1 210 659		2.22	10	1 211 575		2.22	10
1 210 660		2.23	10	1 211 576		2.23	10
1 210 661		2.24	10	1 211 577		2.24	10
1 210 662		2.25	10	1 211 578		2.25	10

 1 211 230 Cassetta - Complete set			Ø22,5xØ26 2,10÷2,50 (0,02) 
REDAT REF.	CATERPILLAR REF.	Spessore(mm) Thickness(mm)	Q.tà / Q.ty
1 211 231		2,10	10
1 211 232		2,12	10
1 211 233		2,14	10
1 211 234		2,16	10
1 211 235		2,18	10
1 211 236		2,20	10
1 211 237		2,22	10
1 211 238		2,24	10
1 211 239		2,26	10
1 211 240		2,28	10
1 211 241		2,30	10
1 211 242		2,32	10
1 211 243		2,34	10
1 211 244		2,36	10
1 211 245		2,38	10
1 211 246		2,40	10
1 211 247		2,42	10
1 211 248		2,44	10
1 211 249		2,46	10
1 211 250		2,48	10
1 211 251		2,50	10

 1 213 684 Cassetta - Complete set			Ø25,5xØ29 2,20÷2,40 (0,02) 
REDAT REF.	CATERPILLAR REF.	Spessore(mm) Thickness(mm)	Q.tà / Q.ty
1 213 736		2,20	10
1 213 737		2,22	10
1 213 738		2,24	10
1 213 739		2,26	10
1 213 740		2,28	10
1 213 741		2,30	10
1 213 742		2,32	10
1 213 743		2,34	10
1 213 744		2,36	10
1 213 745		2,38	10
1 213 746		2,40	10

**1 214 071****Cassetta - Complete set****Ø22,5xØ32****2,90÷2,99 (0,01)**

REDAT REF.	CATERPILLAR REF.	Spessore(mm) Thickness(mm)	Q.tà / Q.ty
1 209 865		2,90	5
1 214 072		2,91	5
1 214 073		2,92	5
1 214 074		2,93	5
1 214 075		2,94	5
1 214 076		2,95	5
1 214 077		2,96	5
1 214 078		2,97	5
1 214 079		2,98	5
1 214 080		2,99	5

**1 211 613****Cassetta - Complete set****Ø10,4xØ32****2,10÷2,30 (0,01)**

REDAT REF.	CATERPILLAR REF.	Spessore(mm) Thickness(mm)	Q.tà / Q.ty
1 211 658		2,10	5
1 211 659		2,11	5
1 211 660		2,12	5
1 211 661		2,13	5
1 211 662		2,14	5
1 211 663		2,15	5
1 211 664		2,16	5
1 211 665		2,17	5
1 211 666		2,18	5
1 211 667		2,19	5
1 211 668		2,20	5
1 211 669		2,21	5
1 211 670		2,22	5
1 211 671		2,23	5
1 211 672		2,24	5
1 211 673		2,25	5
1 211 674		2,26	5
1 211 675		2,27	5
1 211 676		2,28	5
1 211 677		2,29	5
1 211 678		2,30	5

 1 213 653 Cassetta - Complete set		Ø10,4xØ32 2,20÷2,50 (0,01)	
REDAT REF.	CATERPILLAR REF.	Spessore(mm) Thickness(mm)	Q.tà / Q.ty
1 211 668		2,20	5
1 211 669		2,21	5
1 211 670		2,22	5
1 211 671		2,23	5
1 211 672		2,24	5
1 211 673		2,25	5
1 211 674		2,26	5
1 211 675		2,27	5
1 211 676		2,28	5
1 211 677		2,29	5
1 211 678		2,30	5
1 213 654		2,31	5
1 213 655		2,32	5
1 213 656		2,33	5
1 213 657		2,34	5
1 213 658		2,35	5
1 213 659		2,36	5

 1 213 653 Cassetta - Complete set		Ø10,4xØ32 2,20÷2,50 (0,01)	
REDAT REF.	CATERPILLAR REF.	Spessore(mm) Thickness(mm)	Q.tà / Q.ty
1 213 660		2,37	5
1 213 661		2,38	5
1 213 662		2,39	5
1 213 663		2,40	5
1 213 664		2,41	5
1 213 665		2,42	5
1 213 666		2,43	5
1 213 667		2,44	5
1 213 668		2,45	5
1 213 669		2,46	5
1 213 670		2,47	5
1 213 671		2,48	5
1 213 672		2,49	5
1 213 673		2,50	5

**1 213 709****Cassetta - Complete set****Ø10,4xØ32
0,91÷1,14 (0,01)**

REDAT REF.	CATERPILLAR REF.	Spessore(mm) Thickness(mm)	Q.tà / Q.ty
1 214 034		0,91	5
1 214 035		0,92	5
1 214 036		0,93	5
1 214 037		0,94	5
1 213 710		0,95	5
1 213 711		0,96	5
1 213 712		0,97	5
1 213 713		0,98	5
1 213 714		0,99	5
1 213 715		1,00	5
1 213 716		1,01	5
1 213 717		1,02	5
1 213 718		1,03	5
1 213 719		1,04	5
1 213 720		1,05	5
1 213 721		1,06	5
1 213 722		1,07	5
1 213 723		1,08	5
1 213 724		1,09	5
1 213 725		1,10	5
1 213 726		1,11	5
1 213 727		1,12	5
1 213 728		1,13	5
1 213 729		1,14	5

**1 209 863****Cassetta - Complete set****Ø10,4xØ32
1,15÷1,35 (0,01)**

REDAT REF.	CATERPILLAR REF.	Spessore(mm) Thickness(mm)	Q.tà / Q.ty
1 211 721		1,15	5
1 211 722		1,16	5
1 211 723		1,17	5
1 211 724		1,18	5
1 211 725		1,19	5
1 211 726		1,20	5
1 211 727		1,21	5
1 211 728		1,22	5
1 211 729		1,23	5
1 211 730		1,24	5
1 211 731		1,25	5
1 211 732		1,26	5
1 211 733		1,27	5
1 211 734		1,28	5
1 211 735		1,29	5
1 211 736		1,30	5
1 211 737		1,31	5
1 211 738		1,32	5
1 211 739		1,33	5
1 211 740		1,34	5
1 211 741		1,35	5

 1 211 607 Cassetta - Complete set		Ø6,8 4,50÷6,50 (0,1)	
REDAT REF.	CATERPILLAR REF.	Spessore(mm) Thickness(mm)	Q.tà / Q.ty
1 211 679		4,50	10
1 211 680		4,60	10
1 211 681		4,70	10
1 211 682		4,80	10
1 211 683		4,90	10
1 211 684		5,00	10
1 211 685		5,10	10
1 211 686		5,20	10
1 211 687		5,30	10
1 211 688		5,40	10
1 211 689		5,50	10
1 211 690		5,60	10
1 211 691		5,70	10
1 211 692		5,80	10
1 211 693		5,90	10
1 211 694		6,00	10
1 211 695		6,10	10
1 211 696		6,20	10
1 211 697		6,30	10
1 211 698		6,40	10
1 211 699		6,50	10

 1 211 742 Cassetta - Complete set		Ø3,3xØ5,8 4,50÷6,50 (0,1)	
REDAT REF.	CATERPILLAR REF.	Spessore(mm) Thickness(mm)	Q.tà / Q.ty
1 211 743		4,50	5
1 211 744		4,60	5
1 211 745		4,70	5
1 211 746		4,80	5
1 211 747		4,90	5
1 211 748		5,00	5
1 211 749		5,10	5
1 211 750		5,20	5
1 209 851		5,30	5
1 211 751		5,40	5
1 211 752		5,50	5
1 211 753		5,60	5
1 211 754		5,70	5
1 211 755		5,80	5
1 211 756		5,90	5
1 211 757		6,00	5
1 211 758		6,10	5
1 211 759		6,20	5
1 211 760		6,30	5
1 211 761		6,40	5
1 211 762		6,50	5


1 213 685
Cassetta - Complete set
Ø6,7
7,50÷7,60 (0,01)


REDAT REF.	CATERPILLAR REF.	Spessore(mm) Thickness(mm)	Q.tà / Q.ty
1 213 762		7,50	5
1 213 763		7,51	5
1 213 764		7,52	5
1 213 765		7,53	5
1 213 766		7,54	5
1 213 767		7,55	5
1 213 769		7,56	5
1 213 770		7,57	5
1 213 771		7,58	5
1 213 772		7,59	5
1 213 773		7,60	5


1 213 608
Cassetta - Complete set
Ø7,1
9,60÷10,30 (0,05)


REDAT REF.	CATERPILLAR REF.	Spessore(mm) Thickness(mm)	Q.tà / Q.ty
1 211 706		9,60	5
1 213 609		9,65	5
1 211 707		9,70	5
1 213 610		9,75	5
1 211 708		9,80	5
1 213 611		9,85	5
1 211 709		9,90	5
1 213 612		9,95	5
1 211 710		10,00	5
1 213 613		10,05	5
1 211 711		10,10	5
1 213 614		10,15	5
1 211 712		10,20	5
1 213 615		10,25	5
1 211 713		10,30	5

 1 212 947 Cassetta - <i>Complete set</i>		Ø7,1 5,80÷6,20 (0,05)	
REDAT REF.	CATERPILLAR REF.	Spessore(mm) Thickness(mm)	Q.tà / Q.ty
1 211 772		5,80	5
1 212 948		5,85	5
1 211 773		5,90	5
1 212 949		5,95	5
1 209 673		6,00	5
1 212 950		6,05	5
1 211 774		6,10	5
1 212 951		6,15	5
1 211 775		6,20	5

 1 213 578 Cassetta - <i>Complete set</i>		Ø7,1 5,80÷6,20 (0,1)	
REDAT REF.	CATERPILLAR REF.	Spessore(mm) Thickness(mm)	Q.tà / Q.ty
1 211 772		5,80	5
1 211 773		5,90	5
1 209 673		6,00	5
1 211 774		6,10	5
1 211 775		6,20	5

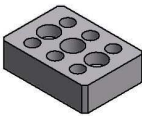
 1 214 557 Cassetta - Complete set			Ø4 13,60÷13,80 (0,02)	
REDAT REF.	CATERPILLAR REF.	Spessore(mm) Thickness(mm)	Q.tà / Q.ty	
1 214 558		13,60	10	
1 214 559		13,62	10	
1 214 560		13,64	10	
1 214 561		13,66	10	
1 214 562		13,68	10	
1 208 994		13,70	10	
1 214 563		13,72	10	
1 214 564		13,74	10	
1 214 565		13,76	10	
1 214 566		13,78	10	
1 214 567		13,80	10	

 1 213 593 Cassetta - Complete set			Ø4 15,86÷16,14 (0,02)	
REDAT REF.	CATERPILLAR REF.	Spessore(mm) Thickness(mm)	Q.tà / Q.ty	
1 213 594		15,86	10	
1 213 595		15,88	10	
1 211 518		15,90	10	
1 213 596		15,92	10	
1 213 597		15,94	10	
1 213 598		15,96	10	
1 213 599		15,98	10	
1 213 600		16,00	10	
1 213 601		16,02	10	
1 213 602		16,04	10	
1 213 603		16,06	10	
1 213 604		16,08	10	
1 213 605		16,10	10	
1 213 606		16,12	10	
1 213 607		16,14	10	

 1 211 897 Cassetta - Complete set			Ø4,8 18,80÷19,00 (0,02)	
REDAT REF.	CATERPILLAR REF.	Spessore(mm) Thickness(mm)	Q.tà / Q.ty	
1 211 898		18,80	10	
1 211 899		18,82	10	
1 211 900		18,84	10	
1 211 901		18,86	10	
1 211 902		18,88	10	
1 211 903		18,90	10	
1 211 904		18,92	10	
1 211 905		18,94	10	
1 211 906		18,96	10	
1 211 907		18,98	10	
1 211 908		19,00	10	

 1 213 697 Ø4,8 Cassetta - Complete set 19,05÷19,55 (0,05)			
REDAT REF.	CATERPILLAR REF.	Spessore(mm) Thickness(mm)	
1 213 698		19,05	10
1 213 699		19,10	10
1 213 700		19,15	10
1 213 701		19,20	10
1 213 702		19,25	10
1 213 703		19,30	10
1 213 704		19,35	10
1 213 705		19,40	10
1 213 706		19,45	10
1 213 707		19,50	10
1 213 708		19,55	10

 1 210 694 Ø4,8 Cassetta - Complete set 19,60÷19,86 (0,02)			
REDAT REF.	CATERPILLAR REF.	Spessore(mm) Thickness(mm)	
1 209 837		19,60	10
1 210 695		19,62	10
1 210 696		19,64	10
1 210 697		19,66	10
1 210 698		19,68	10
1 210 699		19,70	10
1 210 700		19,72	10
1 210 701		19,74	10
1 210 702		19,76	10
1 212 523		19,78	10
1 212 524		19,80	10
1 212 525		19,82	10
1 212 526		19,84	10
1 212 527		19,86	10

 1 213 125 Cassetta - Complete set			28,4x20,3 8,12÷8,26 (0,02)	
REDAT REF.	CATERPILLAR REF.	Spessore(mm) Thickness(mm)	Q.tà / Q.ty	
1 213 118		8,12	5	
1 213 119		8,14	5	
1 213 120		8,16	5	
1 213 121		8,18	5	
1 209 240		8,20	5	
1 213 122		8,22	5	
1 213 123		8,24	5	
1 213 124		8,26	5	

 1 213 128 Cassetta - Complete set			28,4x20,3 6,72÷6,86 (0,02)	
REDAT REF.	CATERPILLAR REF.	Spessore(mm) Thickness(mm)	Q.tà / Q.ty	
1 213 129		6,72	5	
1 213 130		6,74	5	
1 213 131		6,76	5	
1 213 132		6,78	5	
1 209 453		6,80	5	
1 213 133		6,82	5	
1 213 134		6,84	5	
1 213 135		6,86	5	

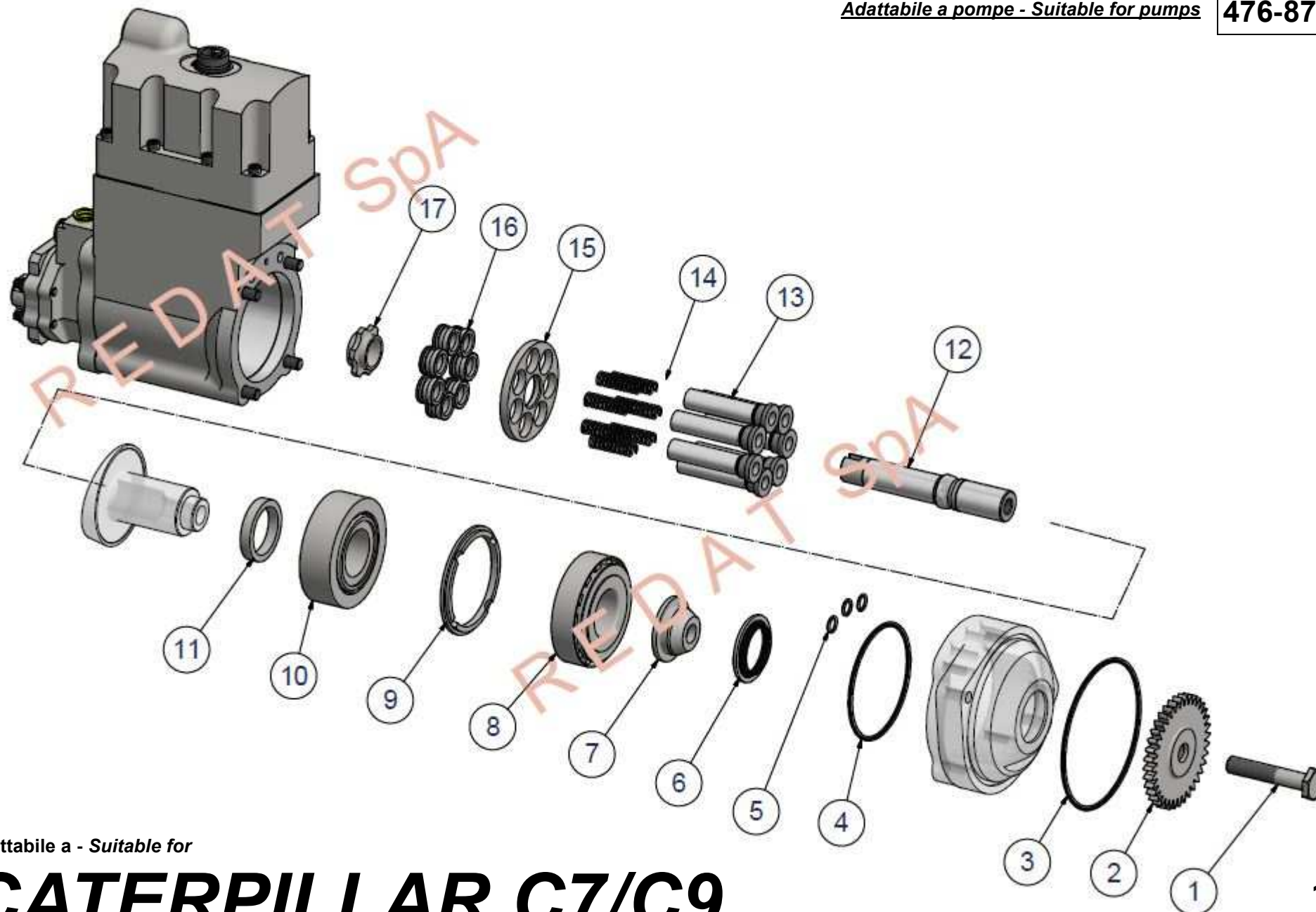
 1 214 264 Cassetta - Complete set			25,8x25,4 4,97÷5,04 (0,01)	
REDAT REF.	CATERPILLAR REF.	Spessore(mm) Thickness(mm)	Q.tà / Q.ty	
1 214 265		4,97	5	
1 214 266		4,98	5	
1 214 267		4,99	5	
1 208 975		5,00	5	
1 214 268		5,01	5	
1 214 269		5,02	5	
1 214 270		5,03	5	
1 214 271		5,04	5	

MICROMETRI - MICROMETERS

	 4 021 630	- MICROMETRO MILLESIMALE - MILLESIMAL MICROMETER - 0-25 - 0,001 mm		 4 021 631	- MICROMETRO MILLESIMALE CON PIATTELLI - MILLESIMAL MICROMETER WITH PLATES - 0-25 - 0,001 mm
	4 021 636	- MICROMETRO MILLESIMALE CON BASE DI SUPPORTO - MILLESIMAL MICROMETER WITH SUPPORT STAND - 0-25 - 0,001 mm		4 021 638	- MICROMETRO MILLESIMALE CON PIATTELLI E BASE DI SUPPORTO - MILLESIMAL MICROMETER WITH PLATES AND SUPPORT STAND - 0-25 - 0,001 mm
		4 021 637	- BASE DI SUPPORTO PER MICROMETRI - SUPPORT STAND FOR MICROMETERS		

Adattabile a pompe - Suitable for pumps

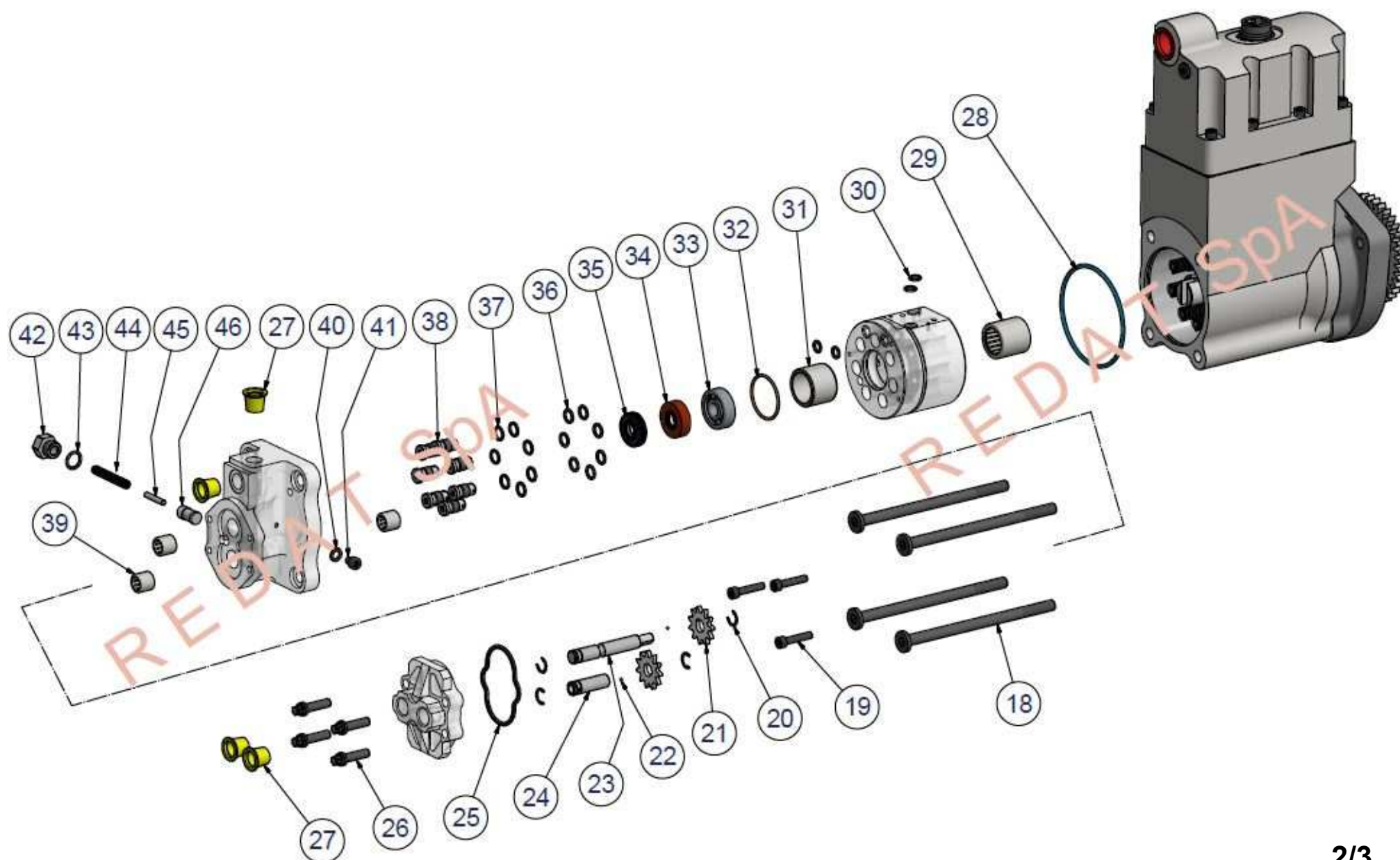
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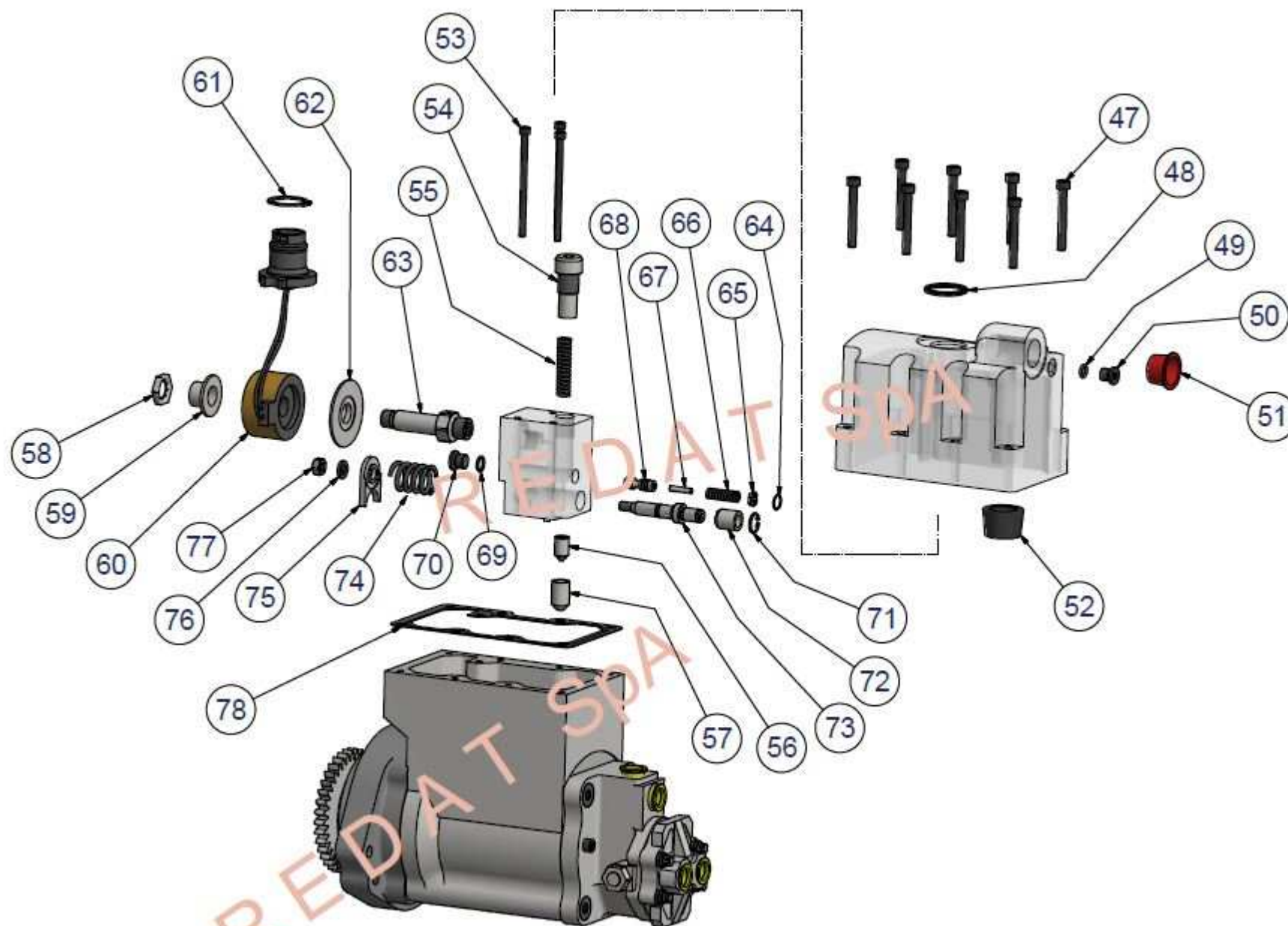


Adattabile a - Suitable for

CATERPILLAR C7/C9

1/3





476-8766

K = ITEM INCLUDED IN KIT

RIF.	REDAT	ORIGIN.	Q.TY	DESCRIZIONE	DESCRIPTION	RIF.	REDAT	ORIGIN.	Q.TY	DESCRIZIONE	DESCRIPTION
1	1 214 885		1	VITE M12	M12 SCREW	24	1 214 877		1	ALBERO	SHAFT
2	1 214 886		1	PULEGGIA	PULLEY	25	1 214 837		1	O-RING	O-RING K
3	1 214 906		1	O-RING	O-RING K	26	1 214 840		4	VITE TORX	TORX SCREW
4	1 214 900		1	O-RING	O-RING K	27	2 495 185		4	TAPPO di PROTEZIONE	PLASTIC CAP K
5	1 214 665		3	O-RING	O-RING K	28	1 214 836		1	O-RING	O-RING K
6	1 214 901	163-7900	1	ANELLO di TENUTA	RING SEAL K	29	1 214 903		1	CUSCINETTO a RULLI	ROLLER BEARING
7	1 214 899		1	BOCCOLA	BUSH	30	1 214 846		4	O-RING	O-RING K
8	1 214 897		1	CUSCINETTO a RULLI	ROLLER BEARING	31	1 214 883		1	BOCCOLA	BUSH
9	1 214 898		1	DISTANZIALE	SPACER	32	1 214 868		1	O-RING	O-RING K
10	1 214 896		1	CUSCINETTO a RULLI	ROLLER BEARING	33	1 213 645		1	CUSCINETTO a SFERE	BALL BEARING
11	1 214 895		1	ANELLO	RING	34	1 214 893		1	PARAOILIO	OIL SEAL K
12	1 214 884		1	ALBERO	SHAFT	35	1 213 643		1	PARAOILIO	OIL SEAL K
13	1 214 902		7	GRUPPO POMPANTE	PLUNGER ASSEMBLY	36	1 214 869		7	O-RING	O-RING K
14	1 214 879		7	MOLLA	SPRING	37	1 214 870		7	GUARNIZIONE	GASKET K
15	1 214 887		1	DISCO FORATO	DRILLED DISK	38	1 214 871		7	VITE di SFIATO	WIND SCREW
16	1 214 880		7	BOCCOLA	BUSH	39	1 214 894		3	CUSCINETTO a RULLI	ROLLER BEARING
17	1 214 881		1	INGRANAGGIO	GEAR	40	1 203 210		1	RONDELLA	WASHER K
18	1 214 842		4	VITE M8	M8 SCREW	41	1 214 839		1	VITE M5	M5 SCREW
19	1 214 838		3	VITE M5	M5 SCREW	42	1 214 872		1	TAPPO FILETTATO	THREAD CAP
20	1 214 875		4	ANELLO di SICUREZZA	SAFETY RING	43	1 205 058		1	O-RING	O-RING K
21	1 214 878		2	RUOTA DENTATA	GEAR WHEEL	44	1 214 873		1	MOLLA	SPRING
22	1 211 587		2	SFERA	BALL	45	1 213 680		1	SPINA	PIN
23	1 214 876		1	ALBERO	SHAFT	46	1 214 874		1	BOCCOLA	BUSH

476-8766

K = ITEM INCLUDED IN KIT

RIF.	REDAT	ORIGIN.	Q.TY	DESCRIZIONE	DESCRIPTION	RIF.	REDAT	ORIGIN.	Q.TY	DESCRIZIONE	DESCRIPTION
47	1 214 844		8	VITE M5	M5 SCREW	70	1 214 864		1	TAPPO FILETTATO	THREAD CAP
48	1 214 835		1	O-RING	O-RING K	71	1 214 860		1	ANELLO di SICUREZZA	SAFETY RING
49	1 210 463		1	O-RING	O-RING K	72	1 214 856		1	BOCCOLA	BUSH
50	1 214 843		1	TAPPO FILETTATO	THREAD CAP	73	1 214 855		1	POMPANTE	PLUNGER
51	2 435 042		1	TAPPO di PROTEZIONE	PLASTIC CAP K	74	1 214 857		1	MOLLA	SPRING
52	1 214 834		1	MANICOTTO	COUPLING K	75	1 214 858		1	SUPPORTO MOLLA	SPRING SUPPORT
53	1 214 847		3	VITE M4	M4 SCREW	76	1 214 859		1	RONDELLA	WASHER
54	1 214 849		1	RACCORDO	JOINT	77	1 203 422		1	DADO	NUT
55	1 214 848		1	MOLLA	SPRING	78	1 214 833		1	GUARNIZIONE	GASKET K
56	1 214 850		1	BOCCOLA	BUSH						
57	1 214 851		1	BOCCOLA	BUSH						
58	1 214 854		1	DADO	NUT						
59	1 214 853		1	BOCCOLA	BUSH						
60	1 214 841		1	SOLENOIDE	SOLENOID						
61	1 214 845		1	ANELLO di SICUREZZA	SAFETY RING K						
62	1 214 852		1	PIATTELLO	DISK						
63	1 214 800		1	VALVOLA COMPLETA	VALVE ASSEMBLY						
64	1 214 862		1	ANELLO di SICUREZZA	SAFETY RING						
65	1 214 861		1	TAPPO	CAP						
66	1 214 867		1	MOLLA	SPRING						
67	1 214 866		1	SPINA	PIN						
68	1 214 865		1	POMPANTE	PLUNGER						
69	1 214 863		1	O-RING	O-RING K						

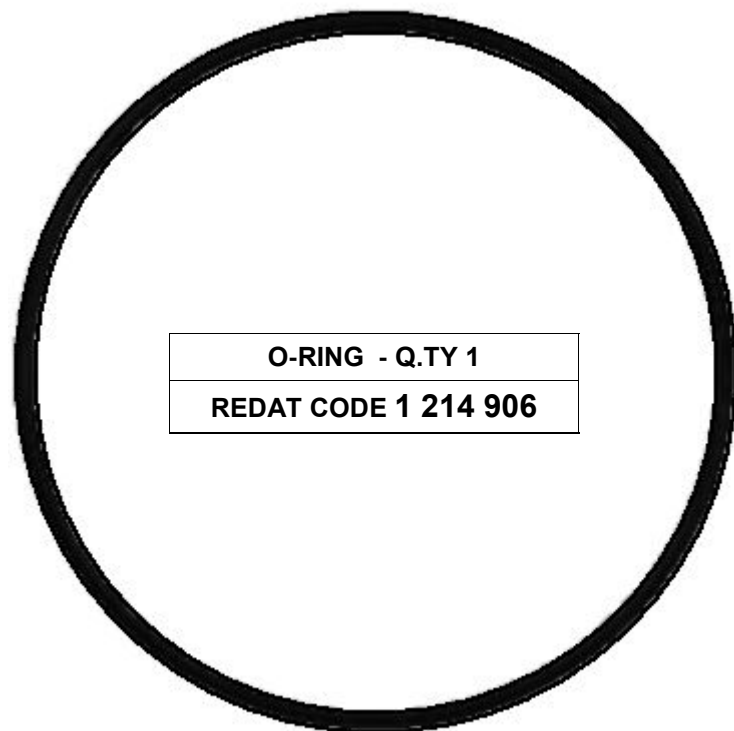
476-8766

RIF.	REDAT	ORIGIN.	Q.TY	DESCRIZIONE	DESCRIPTION
KIT GUARNIZIONI / GASKETS KIT 1 214 907					
3	1 214 906		1	O-RING	O-RING
4	1 214 900		1	O-RING	O-RING
5	1 214 665		3	O-RING	O-RING
6	1 214 901	163-7900	1	ANELLO di TENUTA	RING SEAL
25	1 214 837		1	O-RING	O-RING
27	2 495 185		4	TAPPO di PROTEZIONE	PLASTIC CAP
28	1 214 836		1	O-RING	O-RING
30	1 214 846		4	O-RING	O-RING
32	1 214 868		1	O-RING	O-RING
34	1 214 893		1	PARAOLIO	OIL SEAL
35	1 213 643		1	PARAOLIO	OIL SEAL
36	1 214 869		7	O-RING	O-RING
37	1 214 870		7	GUARNIZIONE	GASKET
40	1 203 210		1	RONDELLA	WASHER
43	1 205 058		1	O-RING	O-RING
48	1 214 835		1	O-RING	O-RING
49	1 210 463		1	O-RING	O-RING
51	2 435 042		1	TAPPO di PROTEZIONE	PLASTIC CAP
52	1 214 834		1	MANICOTTO	COUPLING
61	1 214 845		1	ANELLO di SICUREZZA	SAFETY RING
69	1 214 863		1	O-RING	O-RING
78	1 214 833		1	GUARNIZIONE	GASKET

**1 214 907**
KIT GUARNIZIONI PER POMPA
GASKETS KIT FOR PUMP C7/C9

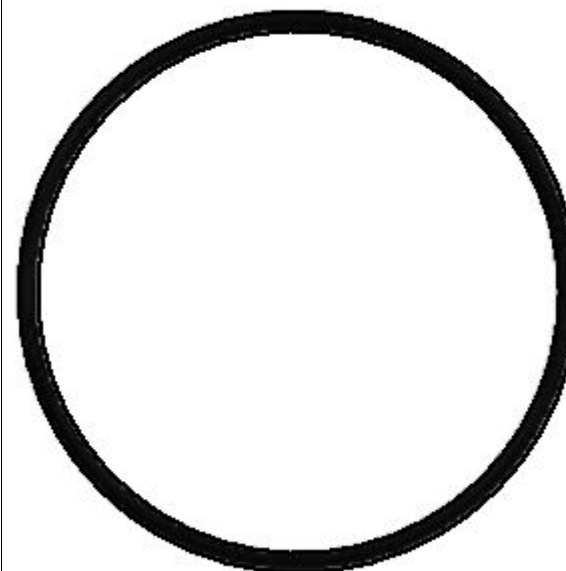
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suitabile for

476-8766 PUMPS C7 / C9

O-RING - Q.TY 1

REDAT CODE 1 214 906



O-RING - Q.TY 1

REDAT CODE 1 214 900



O-RING - Q.TY 3

REDAT CODE 1 214 665

ANELLO di TENUTA - SEAL RING
Q.TY 1

REDAT CODE 1 214 901

TAPPO di PROTEZIONE - PLASTIC
CAP - Q.TY 4

REDAT CODE 2 495 185

TAPPO di PROTEZIONE - PLASTIC
CAP - Q.TY 1

REDAT CODE 2 435 042



PARAOLIO - OIL SEAL Q.TY 1

REDAT CODE 1 214 893

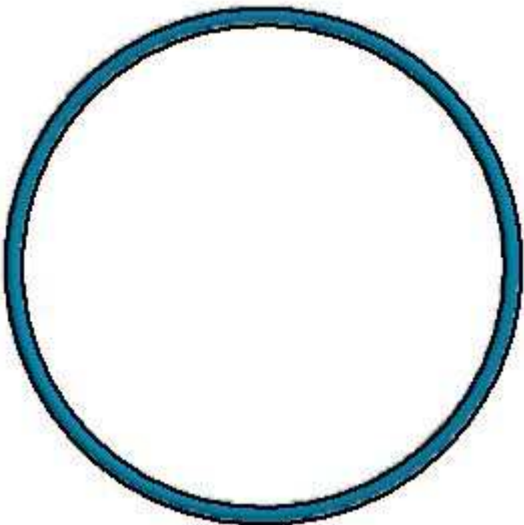
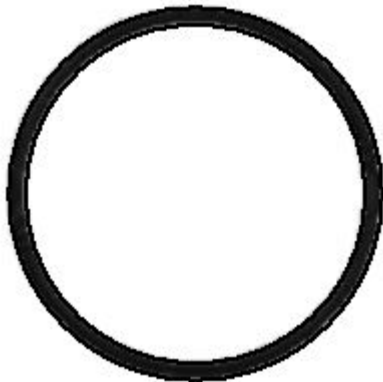
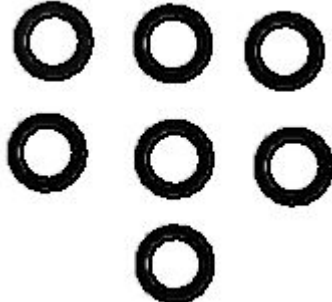
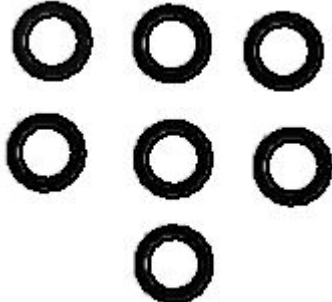
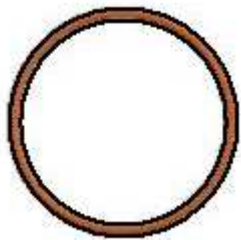


PARAOLIO - OIL SEAL Q.TY 1

REDAT CODE 1 213 643





			
O-RING - Q.TY 4		O-RING - Q.TY 1	O-RING - Q.TY 1
REDAT CODE 1 214 846		REDAT CODE 1 214 835	REDAT CODE 1 205 058
			
O-RING - Q.TY 1	O-RING (AZZURRO - AZURE) - Q.TY 1	O-RING - Q.TY 7	GUARNIZIONE - GASKET - Q.TY 7
REDAT CODE 1 214 837	REDAT CODE 1 214 836	REDAT CODE 1 214 869	REDAT CODE 1 214 870
			
O-RING (MARRONE - BROWN) - Q.TY 1	O-RING (VERDE OLIVA - OLIVE GREEN) Q.TY 1	O-RING - Q.TY 1	RONDELLA - WASHER Q.TY 1
REDAT CODE 1 214 868	REDAT CODE 1 210 463	REDAT CODE 1 214 863	REDAT CODE 1 203 210





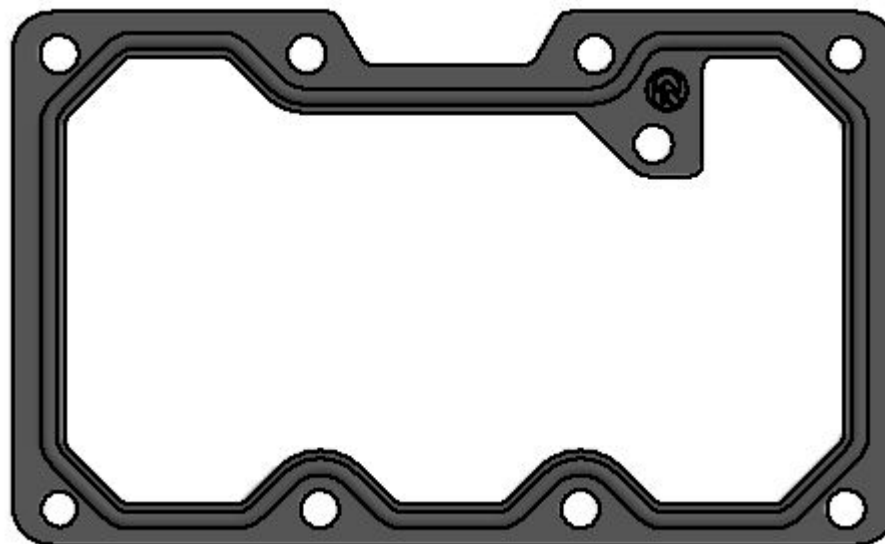
MANICOTTO - COUPLING - Q.TY 1

REDAT CODE 1 214 834



**ANELLO di SICUREZZA - SAFETY RING
Q.TY 1**

REDAT CODE 1 214 845



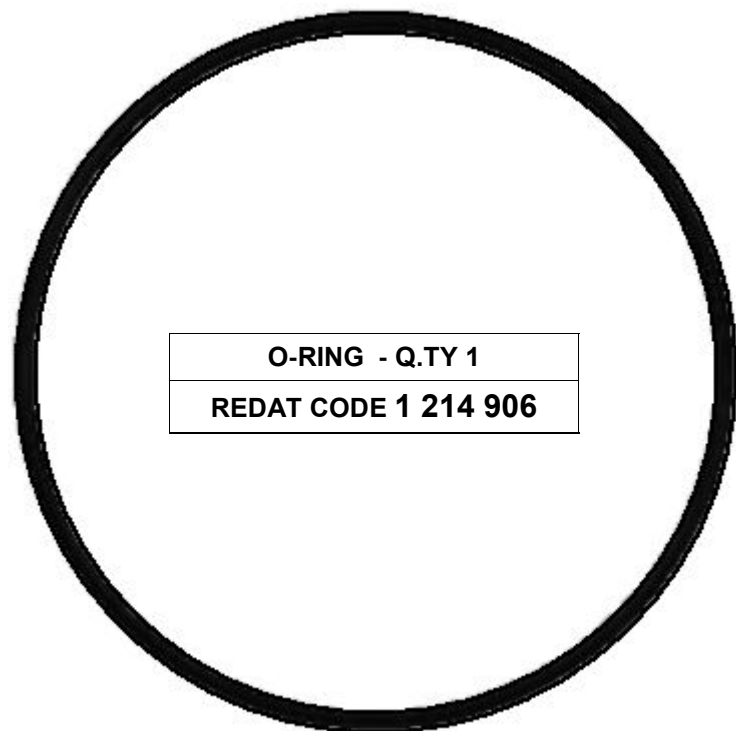
GUARNIZIONE - GASKET - Q.TY 1

REDAT CODE 1 214 833

KIT RIPARAZIONE PER POMPA
REPAIR KIT FOR PUMP C7/C9

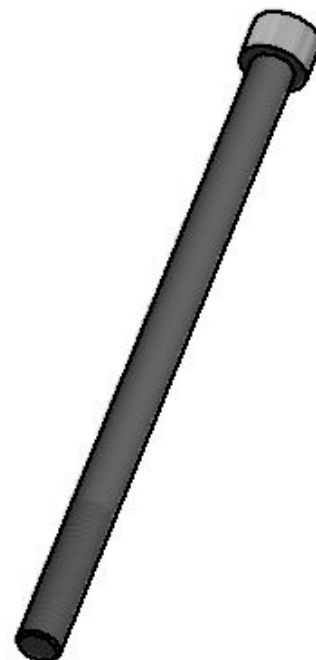
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suitable for

319-0610 / 319-0676 / 319-0677 / 319-0678 PUMPS C7 / C9


1 214 908


O-RING - Q.TY 1

REDAT CODE 1 214 906



VITE di SERVIZIO - SERVICE BOLT - Q.TY 1

REDAT CODE 1 214 910

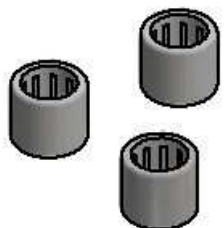


SFERA - BALL - Q.TY 2

REDAT CODE 1 211 587


ANELLO di TENUTA - SEAL RING
Q.TY 1

REDAT CODE 1 214 901


CUSCINETTO A RULLI
ROLLER BEARING - Q.TY 3

REDAT CODE 1 214 894


CUSCINETTO A SFERE
BALL BEARING - Q.TY 1

REDAT CODE 1 213 645



PARAOLIO - OIL SEAL Q.TY 1

REDAT CODE 1 214 893

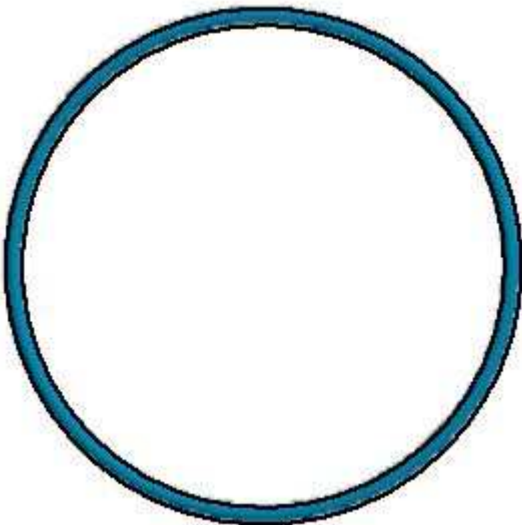
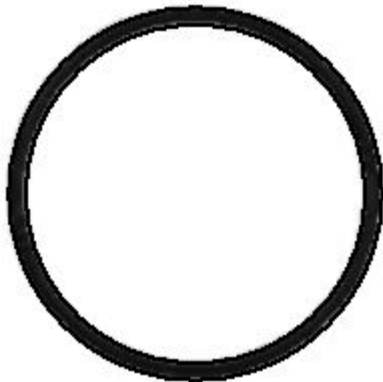
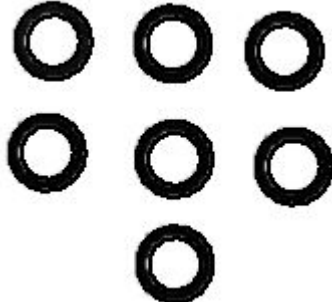
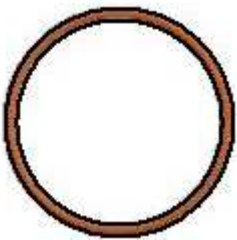


PARAOLIO - OIL SEAL Q.TY 1

REDAT CODE 1 213 643

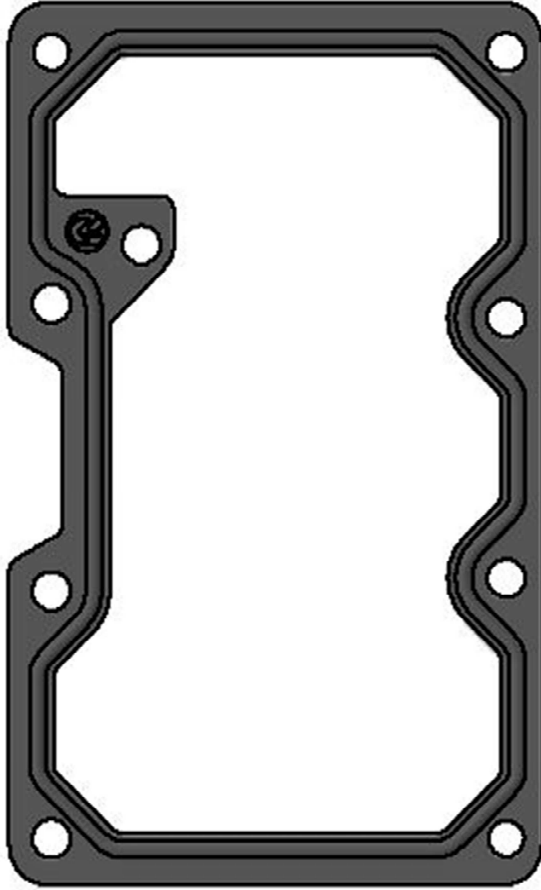
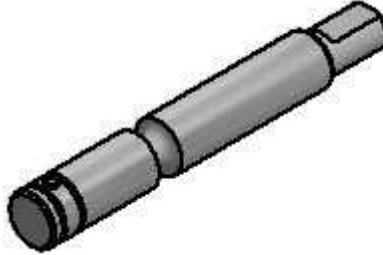




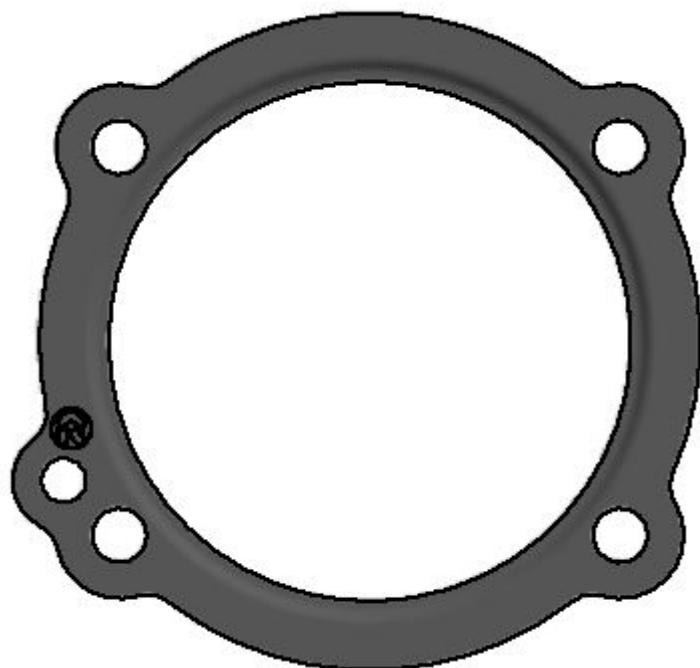
			
O-RING - Q.TY 4		O-RING - Q.TY 1	O-RING - Q.TY 1
REDAT CODE 1 214 846		REDAT CODE 1 214 835	REDAT CODE 1 205 058
			
O-RING - Q.TY 1	O-RING (AZZURRO - AZURE) - Q.TY 1	O-RING - Q.TY 7	O-RING (VERDE - GREEN) - Q.TY 4
REDAT CODE 1 214 837	REDAT CODE 1 214 836	REDAT CODE 1 214 869	REDAT CODE 1 208 689
			
O-RING (MARRONE - BROWN) - Q.TY 1	O-RING (VERDE OLIVA - OLIVE GREEN) Q.TY 1	O-RING - Q.TY 1	RONDELLA - WASHER Q.TY 1
REDAT CODE 1 214 868	REDAT CODE 1 210 463	REDAT CODE 1 214 863	REDAT CODE 1 203 210





		
O-RING - Q.TY 1	O-RING - Q.TY 3	
REDAT CODE 1 211 919	REDAT CODE 1 211 918	
		
ANELLO di SICUREZZA - SAFETY RING Q.TY 1	O-RING - Q.TY 1	
REDAT CODE 1 214 845	REDAT CODE 1 213 634	
		GUARNIZIONE - GASKET - Q.TY 1
ALBERO - SHAFT - Q.TY 1	ALBERO - SHAFT - Q.TY 1	
REDAT CODE 1 214 877	REDAT CODE 1 214 876	REDAT CODE 1 214 833





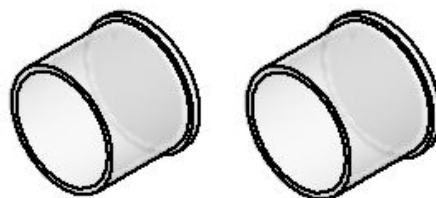
GUARNIZIONE - GASKET - Q.TY 1

REDAT CODE 1 214 909



**TAPPO di PROTEZIONE - PLASTIC
CAP - Q.TY 2**

REDAT CODE 1 213 650



**TAPPO di PROTEZIONE - PLASTIC CAP -
Q.TY 2**

REDAT CODE 1 210 024



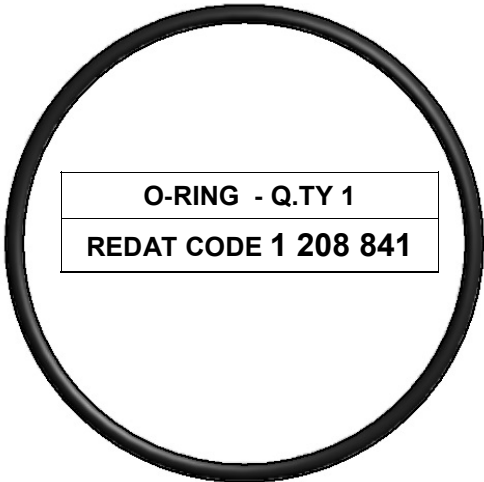
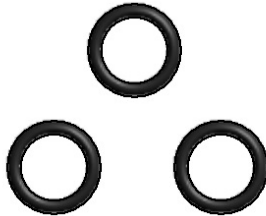
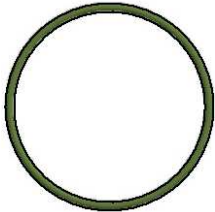
TAPPO - PLUG (M12 x 1,5) - Q.TY 1

REDAT CODE 1 214 664

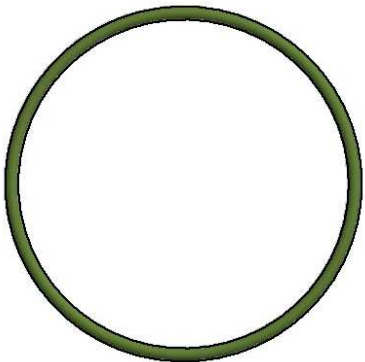
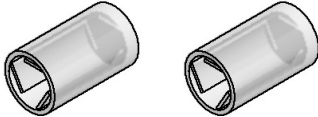
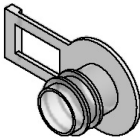
**KIT RIPARAZIONI PER POMPA
REPAIR KIT FOR PUMP C4/C6**adattabile per
suitable for

10R-7667 / 293-9580 / 295-9130 / 309-8893 PUMPS C4 / C6

**1 213 633**

			
O-RING - Q.TY 1	O-RING - Q.TY 1	O-RING - Q.TY 2	O-RING - Q.TY 2
REDAT CODE 1 203 938	REDAT CODE 1 205 329	REDAT CODE 1 206 597	REDAT CODE 1 207 859
 O-RING - Q.TY 1 REDAT CODE 1 208 841			
	O-RING - Q.TY 3	O-RING ((VERDE OLIVA-OLIVE GREEN) - Q.TY 2	O-RING - Q.TY 1
	REDAT CODE 1 208 845	REDAT CODE 1 213 358	REDAT CODE 1 213 634
			
O-RING ((VERDE OLIVA - OLIVE GREEN) Q.TY 1	O-RING ((VERDE OLIVA - OLIVE GREEN) Q.TY 1	O-RING ((VERDE OLIVA - OLIVE GREEN) Q.TY 1	O-RING ((VERDE OLIVA-OLIVE GREEN) Q.TY 1
REDAT CODE 1 213 635	REDAT CODE 1 213 636	REDAT CODE 1 213 637	REDAT CODE 1 213 638



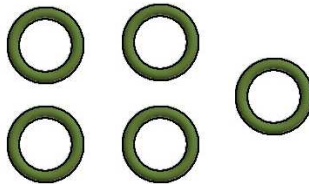
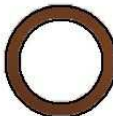
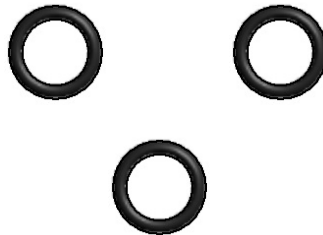
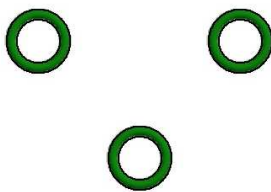
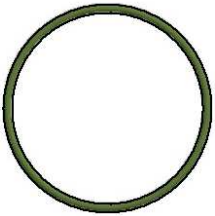
	 O-RING ((VERDE OLIVA-OLIVE GREEN) Q.TY 2 REDAT CODE 1 213 640	 RONDELLA FERRO-GOMMA - WASHER Q.TY 2 REDAT CODE 1 213 641	 ANELLO ELAST. DI SICUREZZA ELASTING RING - Q.TY 1 REDAT CODE 1 213 642
O-RING ((VERDE OLIVA-OLIVE GREEN) Q.TY 1 REDAT CODE 1 213 639			
			
PARAOLIO - OIL SEAL - Q.TY 1 REDAT CODE 1 213 643	PARAOLIO - OIL SEAL - Q.TY 1 REDAT CODE 1 213 644	CUSCINETTO A SFERE - BALL BEARING Q.TY 1 REDAT CODE 1 213 645	ALBERO - SHAFT - Q.TY 1 REDAT CODE 1 213 646
			
TAPPO - PLUG (M14 x 1,5) - Q.TY 1 REDAT CODE 1 213 647	TAPPO - PLUG (M16 x 1,5) - Q.TY 1 REDAT CODE 1 213 648	CAPPUCCIO IN PLASTICA PLASTIC CAP - Q.TY 2 REDAT CODE 1 213 649	TAPPO CON LINGUETTA - PLUG Q.TY 1 REDAT CODE 1 213 650

KIT RIPARAZIONI PER POMPA
REPAIR KIT FOR PUMP C4/C6

adattabile per
suitabile for

10R-7667 / 293-9580 / 295-9130 / 309-8893 PUMPS C4 / C6


1 214 890

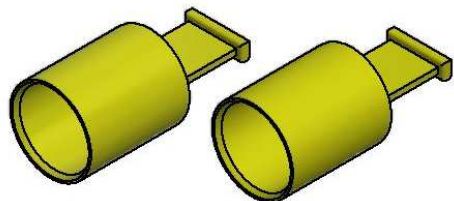
			
O-RING - Q.TY 1	O-RING (VERDE OLIVA - OLIVE GREEN) - Q.TY 5	RONDELLA - WASHER Q.TY 1	O-RING - Q.TY 1
REDAT CODE 1 203 938	REDAT CODE 1 213 481	REDAT CODE 1 203 215	REDAT CODE 1 213 634
 O-RING - Q.TY 1 REDAT CODE 1 208 841			
	O-RING - Q.TY 3 REDAT CODE 1 208 845	O-RING ((VERDE OLIVA-OLIVE GREEN) - Q.TY 3 REDAT CODE 1 213 358	O-RING (VERDE - GREEN) - Q.TY 3 REDAT CODE 1 208 689
			
O-RING ((VERDE OLIVA-OLIVE GREEN) Q.TY 1 REDAT CODE 1 213 638	LINGUETTA - KEY Q.TY 1 REDAT CODE 1 204 169	ALBERO - SHAFT - Q.TY 1 REDAT CODE 1 213 646	RONDELLA FERRO-GOMMA - WASHER Q.TY 2 REDAT CODE 1 213 641





	O-RING ((VERDE OLIVA-OLIVE GREEN) Q.TY 2 REDAT CODE 1 213 640	O-RING ((VERDE OLIVA-OLIVE GREEN) Q.TY 1 REDAT CODE 1 208 787	ANELLO ELAST. DI SICUREZZA ELASTING RING - Q.TY 1 REDAT CODE 1 213 642
PARAOLIO - OIL SEAL - Q.TY 1 REDAT CODE 1 213 643	PARAOLIO - OIL SEAL - Q.TY 1 REDAT CODE 1 213 644	CUSCINETTO A SFERE - BALL BEARING Q.TY 1 REDAT CODE 1 213 645	CUSCINETTO A RULLI - ROLLER BEARING Q.TY 2 REDAT CODE 1 214 888
TAPPO - PLUG (M14 x 1,5) - Q.TY 2 REDAT CODE 1 213 647	CAPPUCCIO IN PLASTICA PLASTIC CAP - Q.TY 2 REDAT CODE 1 213 649	TAPPO CON LINGUETTA - PLUG Q.TY 1 REDAT CODE 1 209 826	TAPPO CON LINGUETTA - PLUG Q.TY 1 REDAT CODE 1 213 650





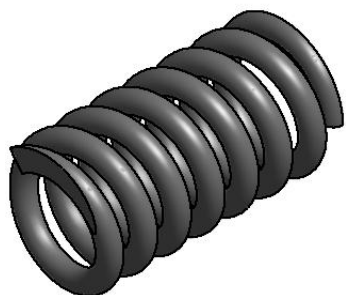
TAPPO - PLUG
Q.TY 2

TAPPO FILATTATO - THREAD PLUG
Q.TY 1

REDAT CODE 1 214 889

REDAT CODE 1 214 892

ALTRI PARTICOLARI PER OTHER PARTS FOR CATERPILLAR / PERKINS



	OEM	APPLICAZIONE APPLICATION
1 210 711		CAT-938 GII



	OEM	APPLICAZIONE APPLICATION
1 215 124	CH11311 / 227-4239	3406E - C15



O-RING
adattabile per - suitable for
CATERPILLAR 245-4907

REDAT CODE 1 212 616



O-RING
adattabile per - suitable for
CATERPILLAR 194-9584 / 245-4908

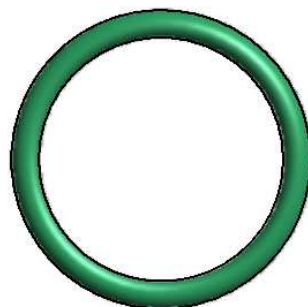
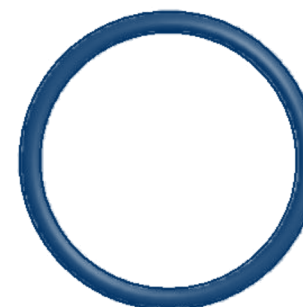
REDAT CODE 1 212 617



O-RING
adattabile per - suitable for
PERKINS 576/139

REDAT CODE 1 215 093

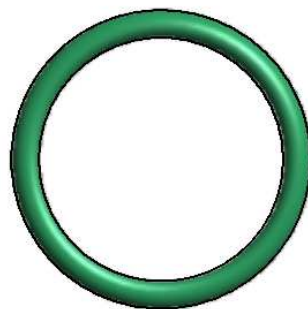
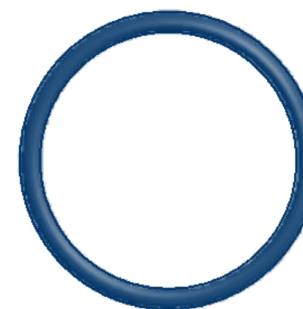
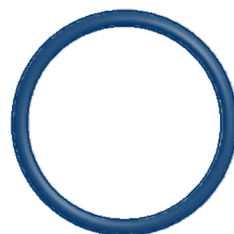
SERIE GUARNIZIONI PER INIETTORI - GASKET KIT
adattabile per
suitable for
CATERPILLAR C12

1 214 106

O-RING (VERDE SCURO - DARK GREEN) Q.TY 1
REDAT CODE 1 209 843

O-RING (BLU - BLUE) - Q.TY 1
REDAT CODE 1 209 213

O-RING (AZZURRO - AZURE) - Q.TY 1
REDAT CODE 1 209 459

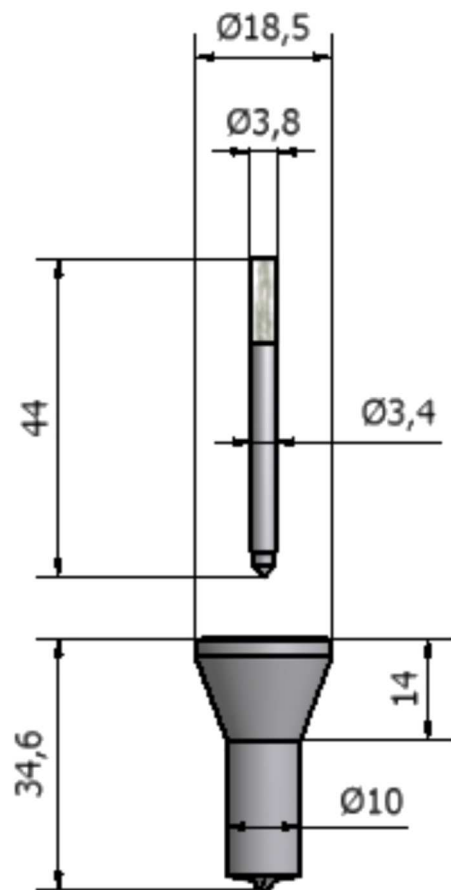
SERIE GUARNIZIONI PER INIETTORI - GASKET KIT

adattabile per

suitable for **PERKINS 2800****1 215 128****O-RING (VERDE - GREEN) Q.TY 1****REDAT CODE 1 215 127****O-RING (BLU SCURO - DARK BLUE) - Q.TY 1****REDAT CODE 1 215 126****O-RING (BLU SCURO - DARK BLUE) - Q.TY 1****REDAT CODE 1 215 125**

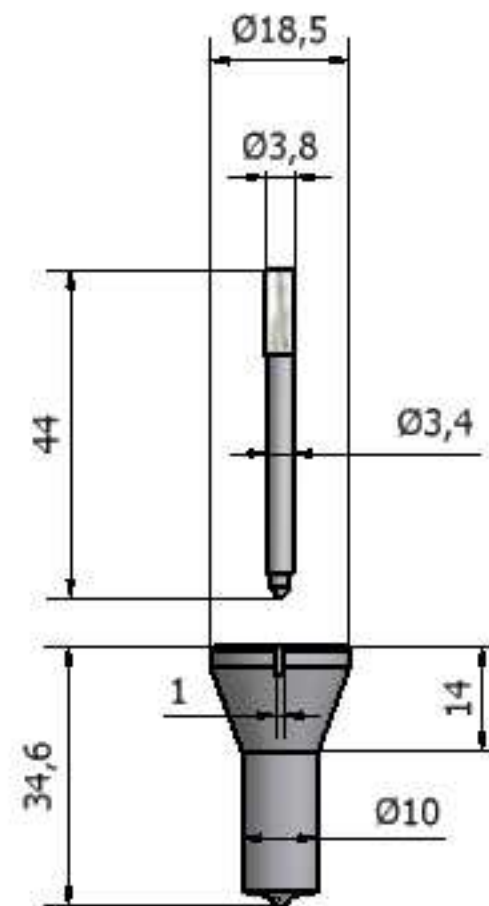
NOZZLES suitable for CATERPILLAR

CTRF2006 application 2806



N° HOLES = 6

CTRF2007 application 2806

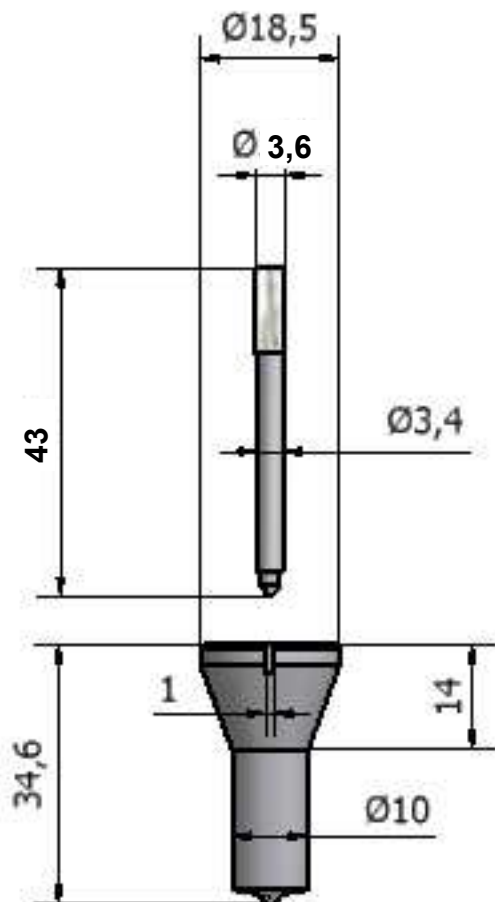


N° HOLES = 6

NOZZLES suitable for CATERPILLAR

CTRF2031 application 128-8582

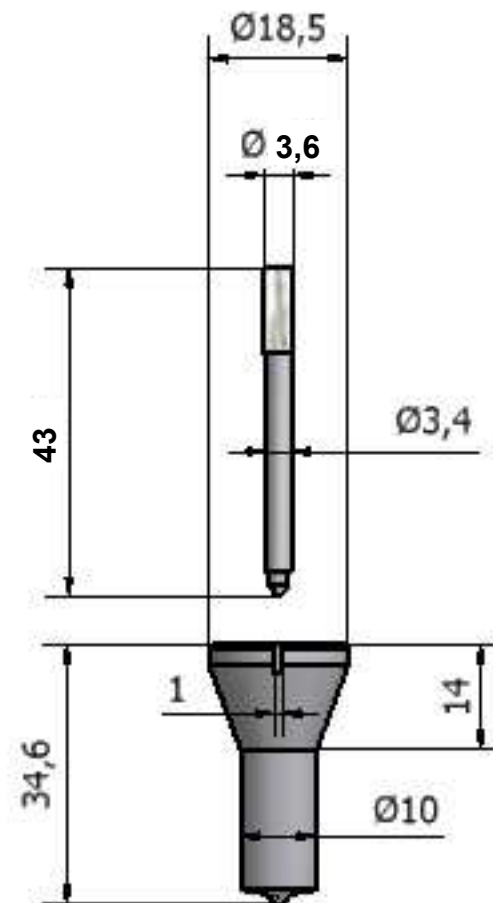
suitable for 128-7991



N° HOLES = 6

CTRF2033

suitable for 10R-1288

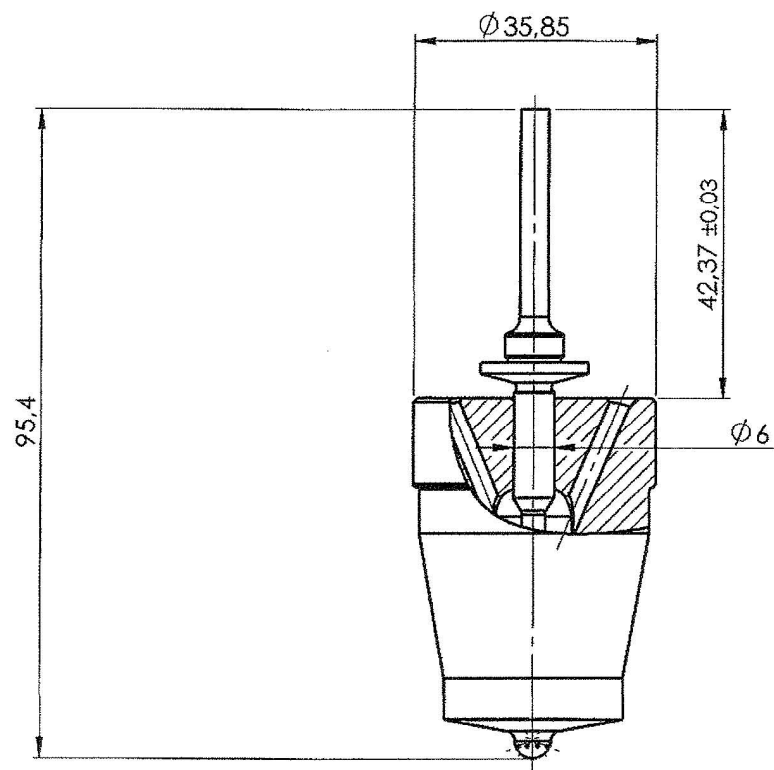


N° HOLES = 8

POLVERIZZATORI - NOZZLES

suitable for **CATERPILLAR 224-9083**

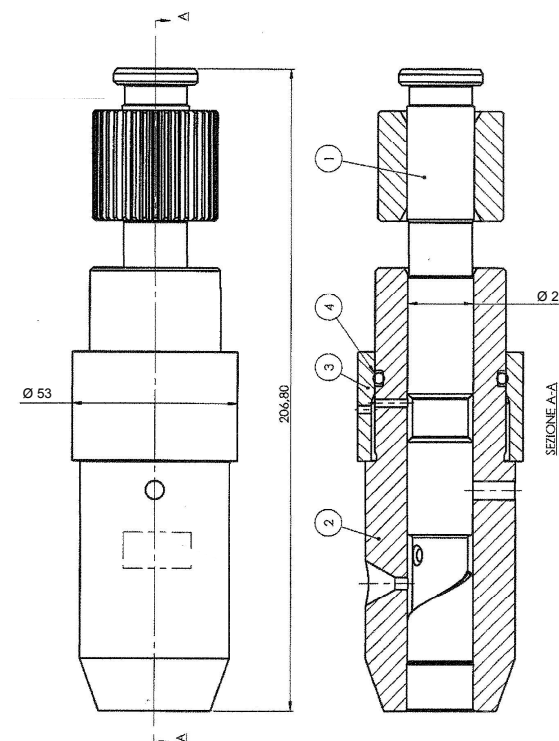
P/N: VF142CAT1041R



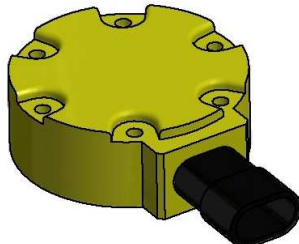
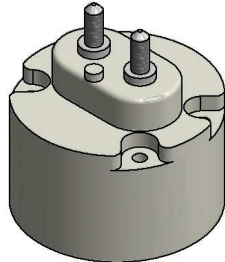
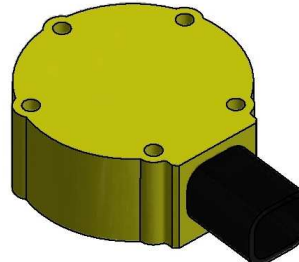
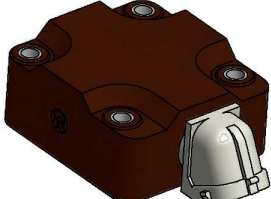
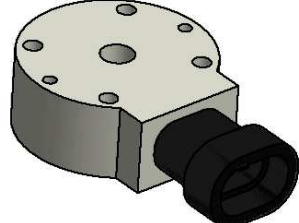
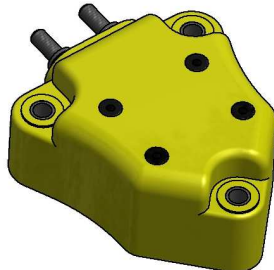
POMPANTI - P & B

suitable for **CATERPILLAR 173-9736**

P/N: VP21CAT25905

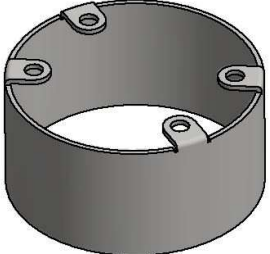


SOLENOIDI - SOLENOIDS

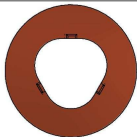
ADATTABILE PER SUITABLE FOR CATERPILLAR		ADATTABILE PER SUITABLE FOR	per iniettori for injectors	ADATTABILE PER SUITABLE FOR CATERPILLAR		ADATTABILE PER SUITABLE FOR	per iniettori for injectors
	1 212 575	C15	CATERPILLAR 3176C 3406E / PERKINS		1 212 655	312-5620	CATERPILLAR
	1 213 114		CATERPILLAR SERIES 35..		1 212 656		CATERPILLAR
	1 208 973		CATERPILLAR 3126 HEUI - PERKINS		1 209 869		CATERPILLAR C7 / C9
	1 213 695	C15	CATERPILLAR		1 211 205	174-7526	CATERPILLAR 3408 - 3412

SOLENOIDI - SOLENOIDS

RIPARO per SOLENOIDE / SOLENOID CARTER

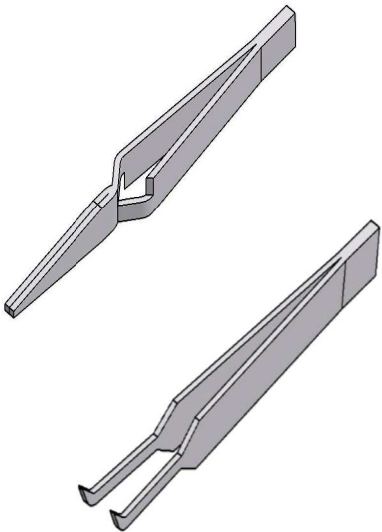
ADATTABILE PER SUITABLE FOR CATERPILLAR		ADATTABILE PER SUITABLE FOR	per iniettori for injectors	ADATTABILE PER SUITABLE FOR CATERPILLAR		ADATTABILE PER SUITABLE FOR	per iniettori for injectors
	1 211 228	C6.6	CATERPILLAR 320D / 323D		1 214 623		CATERPILLAR PERKINS per / for 1 212 575 - 1 213 114 solenoids
	1 213 688	C175	CATERPILLAR				

PARAFIAMMA - HEAT SHIELDS

		Ø INT	Ø EST	S	materiale material	adattabile per suitable for	applicazione applications
	1 214 405	7(7,7)	13,9	1,6	RAME - COPPER		CATERPILLAR 6.6 / DENSO
	1 214 673	7,2	14,7	1,6	RAME - COPPER		PERKINS 2645A751
	1 215 094	17,9	40	93	RAME - COPPER	SE1/12	PERKINS 4006

ATTREZZATURA VARIA



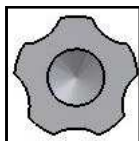
	Kit pinze antimagnetiche <i>Antimagnetic pliers kit</i> Adatte per piccoli componenti degli iniettori in genere <i>Antimagnetic pliers kit suitable for small components of the injectors in general</i>	4 010 901
	ATTREZZO INSERITORE PARAFIAMMA <i>HEAT SHIELD INSERTING TOOL</i> • Ø7 • Ø9	4 021 773 4 021 774

TOOLS



	SPAZZOLA IN OTTONE Adatta per la pulizia di materiali metallici <i>BRASS BRUSH</i> <i>Suitable for the cleaning of metal parts</i>	4 021 639

CHIAVI SOCKETS



**KIT CHIAVI CAM-CAR MULTIPLO
A 5
PUNTE
KIT OF CAM-CAR WRENCHS 5
PINS**

4 010 893

- da / from T10 a / to T45



**KIT CHIAVI CACCIAVITE TORX
MULTIPLO
KIT OF MULTIUSAGE TORX
WRENCH SCREWDRIVER**

4 021 005

- con 7 CHIAVI TORX
- with 7 TORX WRENCHS
- da / from TX 10 a / to TX 40

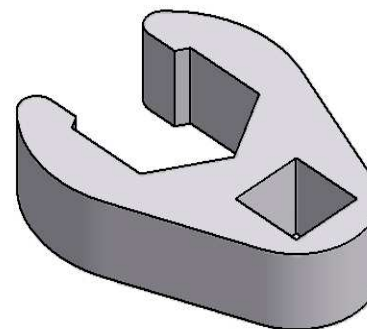


CHIAVE APERTA PER MONT./SMONT. INIETTORI OPEN WRENCH FOR ASSEM./DISASSEM



CHIAVE ESAGONALE APERTA CON ATTACCO
DINAMOMETRICO DA 1/2". L' APERTURA DELLA CHIAVE A 1/2 ESAGONO NE
CONSENTE L'UTILIZZO CON IL SISTEMA BOSCH "Cri & Crin".

HEXAGONAL OPEN WRENCH WITH DINAMETRIC CONNECTION OF 1/2". THE 1/2
HEXAGONAL SHAPED WRENCH ALLOWS THE USE WITH BOSCH "Cri & Crin".



**APERTURA CHIAVE:
WRENCH DIMENSIONS:**

14 mm

4 021 318

15 mm

4 021 176

17 mm

4 021 184

19 mm

4 010 906

25 mm

4 010 909

27 mm

4 021 173

29 mm

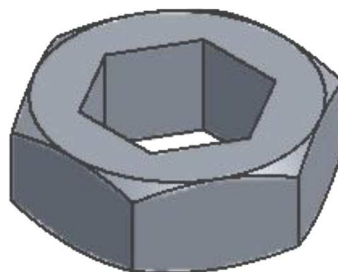
4 021 182

30 mm

4 021 183

32 mm

4 021 185

DADO ADATTATORE PER MONT. / SMONT. DADO POLVERIZZATORE

	CHIAVE - KEY	BOSCH	APPLICAZIONE APPLICATION	KIT
4 020 380	ESAGONO- <i>HEXAGON</i> 14			4 020 390
4 020 381	ESAGONO- <i>HEXAGON</i> 15	0 986 610 151		
4 020 382	ESAGONO- <i>HEXAGON</i> 17	0 986 610 152		
4 020 383	ESAGONO- <i>HEXAGON</i> 19	0 986 610 153		
4 020 476	OTTAGONO- <i>OCTAGON</i> 15		BMW	
4 020 402	OTTAGONO- <i>OCTAGON</i> 16			
4 020 384	OTTAGONO- <i>OCTAGON</i> 17,5		IVECO DAILY	
4 020 389	OTTAGONO- <i>OCTAGON</i> 20		VOLKSWAGEN	
4 020 385	POLIGONALE- <i>POLYGONAL</i>	0 986 613 459		

DA USARE CON CHIAVE APERTA 4 021 173 - USED WITH OPEN WRENCH 4 021 173

PONTE DI MISURA TESTER LCR MEASUREMENT TESTER LCR



4 010 965



MISURATORE ISOLAMENTO HIOKI *HIOKI INSULATION METER*



4 010 966



TESTER PER INIETTORI COMMON RAIL COMMON RAIL INJECTORS TESTER

**4 021 920**

- La macchina di prova Sabre CRi Master è progettata per consentire una diagnosi approfondita di iniettori controllati elettronicamente con pressioni fino a 1800 bar (180 MPa). La macchina è in grado di eseguire prove su un'ampia gamma di applicazioni con iniettori che comprendono sia la tipologia a solenoide sia piezo di diversi costruttori OE. Sono disponibili strumenti applicativi per eseguire prove su tipologie specifiche di iniettori.

- The Sabre CRi Master test machine is designed to enable comprehensive diagnostic of electronically controlled injectors using pressures up to 1800 bar (180MPa). The machine is able to test a wide range of injector applications, covering both solenoid and piezo, from various OE manufacturers.

Application tooling is available for testing specific injector types.

Applicazioni / Applications:

- BOSCH
- CAT / PERKINS
- CONTINENTAL
- CUMMINS
- DELPHI
- DENSO

CAMBOX PER BANCHI PROVA UNIVERSALI EUI / EUP UNIVERSAL BENCH EUI / EUP CAMBOX



4 021 917



- Il kit è stato progettato per essere collegato ai banchi di prova tradizionali diesel per consentire la sperimentazione di apparecchiature di iniezione di carburante EUI / EUP.

E' costituito da:

- CamBox e controller
- Kit di applicazione per il tipo di iniettore (manicotto del combustibile, nastro, cavo, camma e spinta)
- Software per il computer

Il kit è costituito da una singola camma e utensili di base. Gli iniettori sono montati sul CamBox usando i componenti esistenti del catalogo Hartridge e il CamBox è guidato meccanicamente dal banco di prova. La misurazione della fornitura del combustibile sarà effettuata tramite il banco di prova. Una scatola di controllo aziona elettricamente gli iniettori, i risultati vengono letti dal banco di prova e inseriti manualmente nel software per visualizzare e analizzare i risultati.

- The kit is designed to be connected to traditional diesel test benches to enable testing of EUI/EUP fuel injection equipment.

A typical system for a specific application would consist of:

- CamBox and controller
- Application kit for injector type (fuel sleeve, nose piece, cable, cam and pushrod)
- Computer/software

The kit consists of a single cam and basic tooling. Injectors are mounted to the Cam-Box using existing components from the Hartridge catalogue, and the CamBox is mechanically driven by the test bench. Fuel supply and delivery measurement will be performed by the test bench. A control box drives the injectors electrically, results are read from the test bench and manually entered into the computer software for results display and analysis.

Applicazioni / Applications:

- BOSCH
- VDO
- DELPHI E3
- CUMMINS Celect
- CATERPILLAR

ASPIRATORE FUMI DI GASOLIO DIESEL FUMES EXTRACTOR

- Consente di migliorare il collaudo visivo degli iniettori
- Aspira totalmente il liquido di prova nebulizzato durante le prove
- Raccoglie il liquido in un'apposita vasca di recupero
- L' aspiratore funziona utilizzando la depressione creata mediante aria compressa, per garantire la massima sicurezza
- Una pinza di sostegno tiene l'iniettore in posizione durante la prova
- L'uso dell' aspiratore è indispensabile, in quanto è noto che tutti i distillati del petrolio sono nocivi se inalati
- Da usare in abbinamento alla pompa taratura iniettori

**4 021 504**

-
- Improves the visual testing of the injectors
 - Extracts all the test fluid sprayed during the tests
 - Collects the liquid in a dedicated collection tank
 - To assure the maximum safety, the extractor works with the depression created with forced air
 - A holding clamp supports the injector during the test
 - The use of extractor is important because all petrol derivatives are dangerous if inhaled
 - To be used together with the injector calibration pump

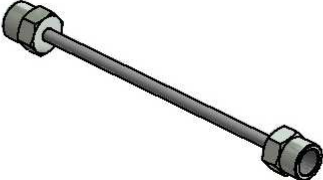
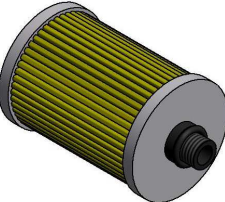


4 010 926

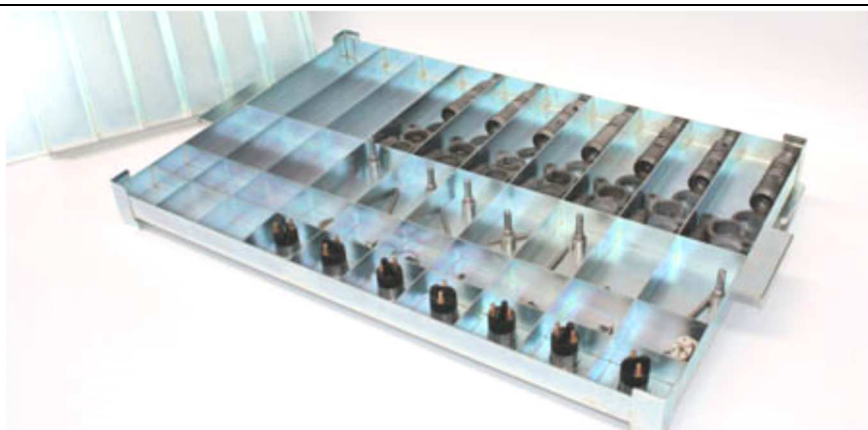
TESTER PROVA INIETTORI - NOZZLE TESTER

RICAMBI - SPARE PARTS



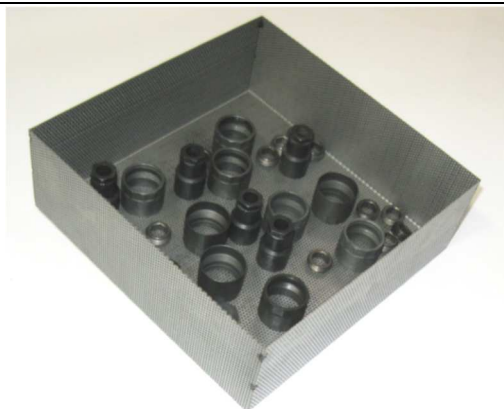
	SERBATOIO RESERVOIR	 4 021 557		TUBO PIPE - M14 x 12	 4 021 331
	MANOMETRO DIAL INDICATOR	4 020 817 4 020 920 (CON GLICERINA - WITH GLYCERINE)		TUBO PIPE - M14 x 14	4 021 332
	FILTRO FILTER	4 021 556		POMPANTE ELEMENT Ø 10 Ø 8	4 020 896 4 021 006

VASSOI PORTAPEZZI - *UNIVERSAL TRAY*



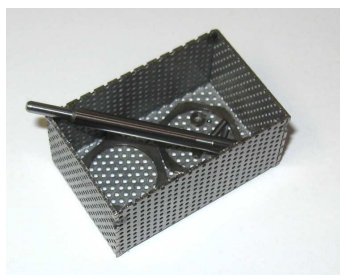
Permette di contenere e separare tra di loro i particolari di vario impiego.
Adatto in particolare per smontaggio e lavaggio di parti di iniettori.

*This tray allows to hold and separate various types of parts.
Especially suitable for the disassembling and cleaning of injector parts.*

4 021 475


Vaschetta acciaio inox in tela metallica fine
Fine stainless steel weave metal tub

- 200 x 200 x 70

4 021 483


Vaschetta acciaio inox in tela metallica fine
Fine stainless steel weave metal tub

- 50 x 32 x 25

4 021 482

VASCHETTA ULTRASUONI - ULTRASONIC CLEANING TANK



4 021 047

La vaschetta ad ultrasuoni permette il lavaggio di metalli e loro leghe, plastica, vetro e ceramica. Prevalentemente concepita per la pulizia di tutti i tipi di iniettori e pompe, si rende indispensabile per tutti i sistemi Diesel e Common Rail. Infatti permette una perfetta pulitura ed eliminazione di olio, grassi, residui carboniosi.

The ultrasonic tank allows to clean metals and alloys, plastic, glass, ceramic. It is primarily conceived for the cleaning of all types of injectors and pumps, and it is essential for all Diesel and Common rail systems because it allows a perfect cleaning and elimination of oil, grease and carbon residues.



CAPACITA' - CAPACITY 15 L

CASSETTA PULIZIA INIETTORI NOZZLE CLEANING TOOL KIT


4 010 812


**COMPLETA DI SET DI PASTA ABRASIVA
COMPLETED WITH POLISHING PASTE KIT**

FILO PER PULITURA POLVERIZZATORI NOZZLE CLEANING WIRE

	Ø FILO - WIRE	Q.TY
4 021 507	0,12	0,5 METRI (CIRCA/ABOUT)
4 021 508	0,20	0,5 METRI (CIRCA/ABOUT)
4 021 509	0,30	0,5 METRI (CIRCA/ABOUT)
4 021 339	0,50	0,5 METRI (CIRCA/ABOUT)

CASSETTA SPINE INIETTORI - INJECTOR PINS BOX


1 212 515
Cassetta - Complete set

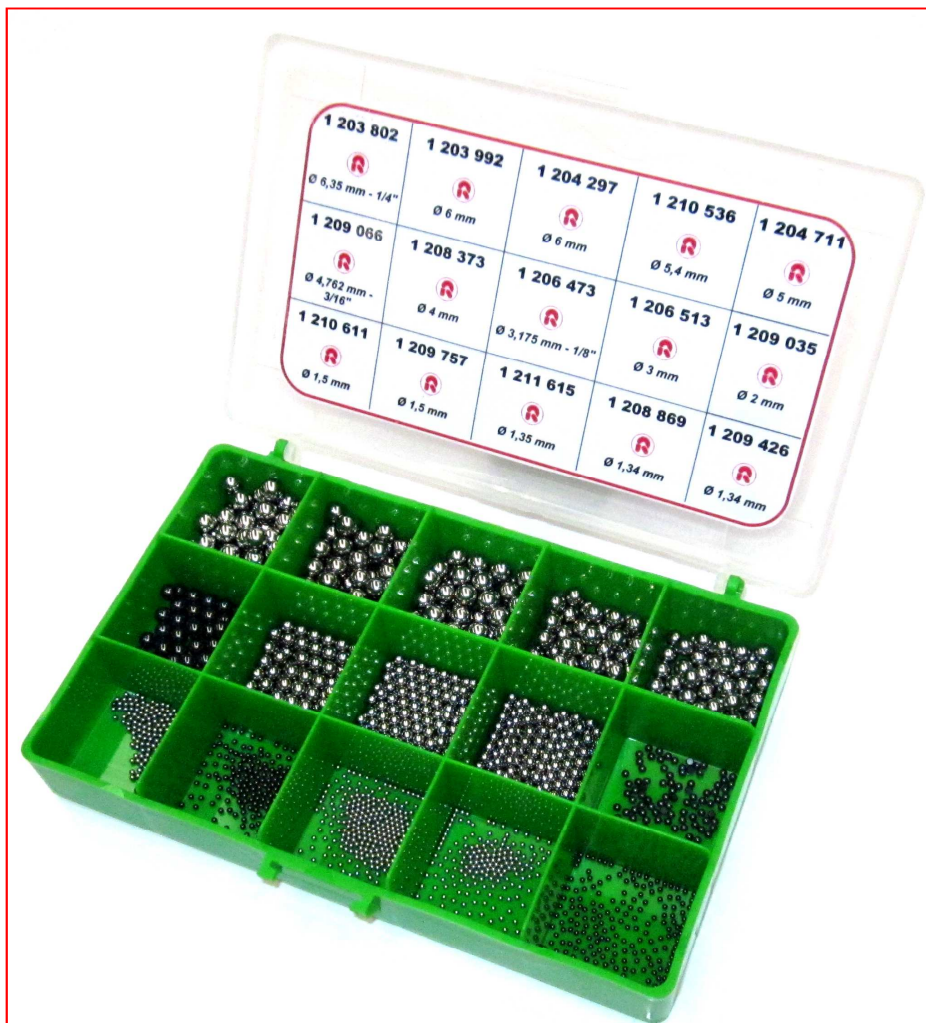

REDAT REF.	dimensioni <i>dimensions</i>	Q.tà <i>Q.ty</i>	adattabile per <i>suitable for</i>
1 211 281	Ø 1,6 x 11,6	100	CATERPILLAR C6.6
1 208 998	Ø 1,6 x 19	100	POWERSTROKE/CAT
1 211 274	Ø 1,6 x 20,4	100	CATERPILLAR C6.6
1 209 004	Ø 1,6 x 8,4	100	POWERSTROKE/CAT
1 210 099	Ø 1,8 x 14,1	100	DENSO
1 209 379	Ø 1,8 x 18,5	100	POWERSTROKE 6.0
1 211 221	Ø 1,8 x 21	100	POWERSTROKE 6.4
1 206 387	Ø 1,8 x 6	100	BOSCH 2 433 201 024 / DENSO
1 209 380	Ø 1,8 x 8	100	POWERSTROKE 6.0
1 209 041	Ø 2 x 6,7	100	DENSO
1 209 109	Ø 3 x 12	100	BOSCH
1 209 226	Ø 3,15 x 14	100	CATERPILLAR
1 208 994	Ø 4 x 13,7	50	POWERSTROKE/CAT
1 209 217	Ø 4,1 x 16	50	CAT / VOLVO
1 211 015	Ø 4,1 x 18	50	VOLVO



CASSETTA SFERE POMPE E INIETTORI - INJECTORS AND PUMPS BALLS BOX

**1 211 438****Cassetta - Complete set**

REDAT REF.	dimensioni dimensions	Q.tà Q.ty	materiale materials	adattabile per suitable for
1 208 869	Ø 1,34 mm	200	ACCIAIO - STEEL	BOSCH F 00V C05 001
1 209 426	Ø 1,34 mm	200	CERAMICA - CERAMIC	BOSCH F 00V C05 002 / F 00V C05 008
1 211 615	Ø 1,35 mm	200	ACCIAIO - STEEL	BOSCH (OVERSIZE)
1 210 611	Ø 1,5 mm	200	ACCIAIO - STEEL	BOSCH
1 209 757	Ø 1,5 mm	200	CERAMICA - CERAMIC	BOSCH F 00V C05 006 / F 00V C05 009
1 209 035	Ø 2 mm	100	CERAMICA - CERAMIC	DENSO
1 206 513	Ø 3 mm	200	ACCIAIO - STEEL	BOSCH 1 903 230 004 / DELPHI
1 206 473	Ø 3,175 mm-1/8"	200	ACCIAIO - STEEL	POWERSTROKE / CA- TERPILLAR / DELPHI
1 208 373	Ø 4 mm	100	ACCIAIO - STEEL	BOSCH 1 903 230 007 / DELPHI
1 209 066	Ø 4,762 mm-3/16"	50	CERAMICA - CERAMIC	DENSO
1 204 711	Ø 5 mm	50	ACCIAIO - STEEL	BOSCH 1 903 230 009 / DELPHI
1 210 536	Ø 5,4 mm	50	ACCIAIO - STEEL	VOLVO / DELPHI
1 203 992	Ø 6 mm	50	ACCIAIO - STEEL	BOSCH
1 204 297	Ø 6 mm	50	ACCIAIO - STEEL	DELPHI
1 203 802	Ø 6,35 mm - 1/4"	50	ACCIAIO - STEEL	BOSCH



KIT ATTREZZI AD UNCINO

HOOK TOOLS KIT


4 021 674


- ATTREZZI AD UNCINO UTILI PER LA RIMOZIONE DI ANELLI DI TENUTA, O-RINGS E PICCOLI COMPONENTI IN GENERE.

- HOOK TOOLS FOR AIDING THE REMOVAL OF SEALS, O-RINGS, AND OTHER SMALL COMPONENTS.



UNCINO DRITTO
STRAIGHT HOOK

4 021 675


UNCINO SNODATO
BENT HOOK

4 021 676


UNCINO AD "U"
"U" SHAPED HOOK

4 021 677


UNCINO A 90°
90° HOOK

4 021 678

CHIAVE DINAMOMETRICA COMPLETA DI ACCESSORI PER IL MONTAGGIO DI INIETTORI

TORQUE WRENCH COMPLETE OF ACCESSORIES TO ASSEMBLE INJECTORS



4 010 947

10 - 50 N/m



CHIAVE - KEY



DADI ADATTATORE ADAPTER NUTS

4 020 380	ESAGONO-HEXAGON 14
4 020 381	ESAGONO-HEXAGON 15
4 020 382	ESAGONO-HEXAGON 17
4 020 383	ESAGONO-HEXAGON 19
4 020 476	OTTAGONO-OCTAGON 15
4 020 402	OTTAGONO-OCTAGON 16
4 020 384	OTTAGONO-OCTAGON 17,5
4 020 389	OTTAGONO-OCTAGON 20
4 020 385	POLIGONALE-POLYGONAL



CHIAVE DINAMOMETRICA TORQUE WRENCH



4 021 597

- 10 ÷ 50 N / m



INSERTI A FORCHETTA FORK INSERTS

4 021 871

- 14 x 18 M
- Ø 25 mm

4 021 618

- 14 x 18 M
- Ø 27 mm

4 021 619

- 14 x 18 M
- Ø 29 mm

4 021 620

- 14 x 18 M
- Ø 30 mm



ADATTATORE PER INSERTO

INSERT ADAPTER

4 021 621

- 14 x 18 M
- 9 x 12 F



RACCORDO AUMENTATORE

INCREASE ADAPTER

4 021 337

- 3 / 8"
- 1 / 2"



CHIAVE

WRENCH

4 020 460

- ESAG. 10 mm
- FORO 7,5 mm

- EXAGON 10 mm
- HOLE 7,5 mm

CHIAVE DINAMOMETRICA COMPLETA DI ACCESSORI PER IL MONTAGGIO DI INIETTORI

TORQUE WRENCH COMPLETE OF ACCESSORIES TO ASSEMBLE INJECTORS



4 010 971

30 - 150 N/m



CHIAVE - KEY

	DADI ADATTATORE ADAPTER NUTS	4 020 380	ESAGONO-HEXAGON 14
		4 020 381	ESAGONO-HEXAGON 15
		4 020 382	ESAGONO-HEXAGON 17
		4 020 383	ESAGONO-HEXAGON 19
		4 020 476	OTTAGONO-OCTAGON 15
		4 020 402	OTTAGONO-OCTAGON 16
		4 020 384	OTTAGONO-OCTAGON 17,5
		4 020 389	OTTAGONO-OCTAGON 20
		4 020 385	POLIGONALE-POLYGONAL



CHIAVE DINAMOMETRICA
TORQUE WRENCH

- 30 ÷ 150 N / m

4 022 047



INSERTI A FORCHETTA
FORK INSERTS

- 14 x 18 M
- Ø 25 mm

4 021 871

- 14 x 18 M
- Ø 27 mm

4 021 618

- 14 x 18 M
- Ø 29 mm

4 021 619

- 14 x 18 M
- Ø 30 mm

4 021 620



INSERTO A CRICCHETTO
A DISCO
DISK RATCHET INSERT

- 1 / 2"

4 022 048



ADATTATORE
PER INSERTO
INSERT ADAPTER

- 14 x 18 M
- 9 x 12 F

4 021 621



RACCORDO
AUMENTATORE
INCREASE ADAPTER

- 3 / 8"
- 1 / 2"

4 021 337



CHIAVE
WRENCH

- ESAG. 10 mm
- FORO 7,5 mm

4 020 460

- EXAGON 10 mm
- HOLE 7.5 mm

CHIAVI A "T" - "T" WRENCHES



	ATTACCO / CONNECTOR
4 021 333	1 / 4"
4 021 328	3 / 8"
4 021 329	1 / 2"
4 021 330	3 / 4"

RACCORDO AUMENTATORE - ADAPTER

	ATTACCO FEMMINA CONNECTOR FEMALE	ATTACCO MASCHIO CONNECTOR MALE
4 021 335	1 / 4"	3 / 8"
4 021 337	3 / 8"	1 / 2"
4 021 334	1 / 2"	3 / 4"
4 021 336	3 / 4"	1"



TAVOLO DA LAVORO WORK BENCH



4 021 338



- Tavolo da lavoro** con morsa, 3 cassetti, 2 ruote fisse e 2 girevoli più freno
- adatto ad operazioni di montaggio / smontaggio iniettori e pompe
 - Dimensioni: 130 x 80 x 85 cm
 - Peso: 137 Kg

- Workbench** with vise, 3 drawers, 2 fixed wheels, 2 pivoting wheels, with brakes
- Suitable for assembling and disassembling injectors and pumps
 - Dimensions: 130 x 80 x 85 cm
 - Weight: 137 Kg

