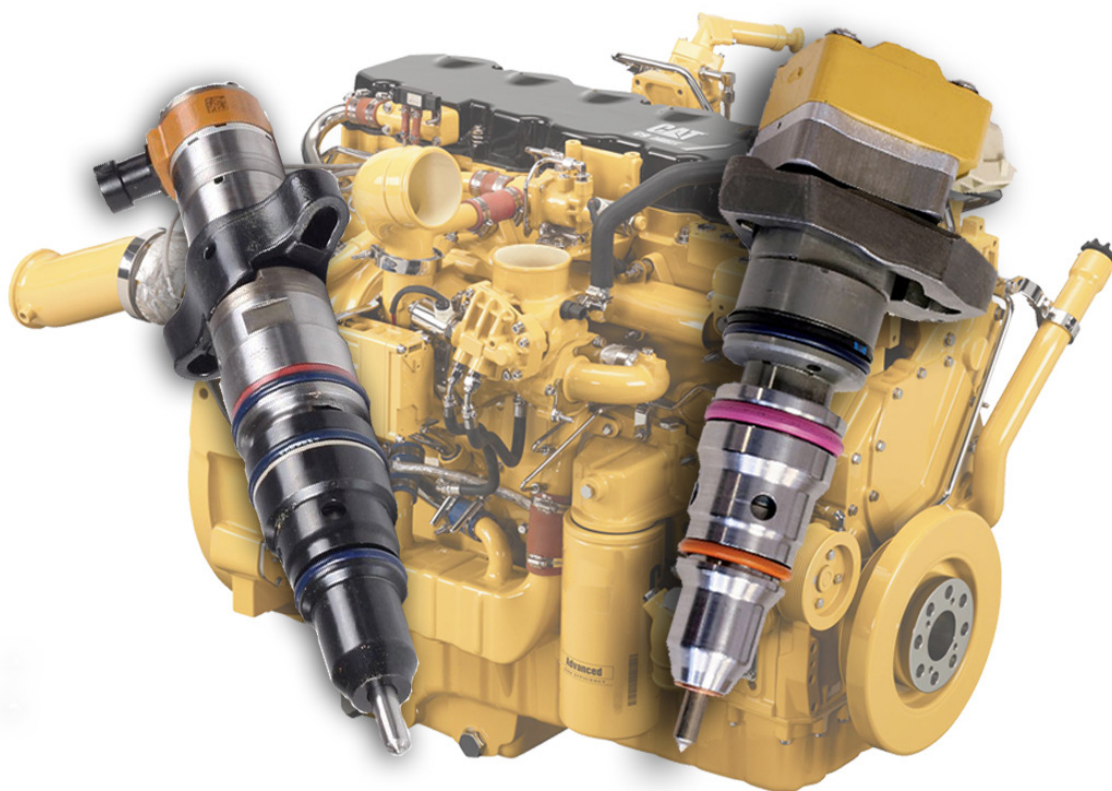




Nozzles and spare parts for HYDRAULIC ELECTRONIC UNIT INJECTORS HEUI Suitable for CAT® C7/9, 3500, 3406/C13/15/18/32 engines

The hydraulically actuated electronic unit injector was developed by Caterpillar® in the early 1990's. HEUI system uses the Electronic Control Module (ECM) in order to guarantee a total electronic control of the fuel delivery, optimizing the engine performance. One of the major benefits of the HEUI injection system was the engine control, as the characteristics of injection events can be controlled independently of any mechanical system. The results were cleaner emissions and greater economy fuel potential.

These systems are very popular on CAT®, Perkins® and John Deere® vehicles.

Check out our parts for these CAT® Injectors.



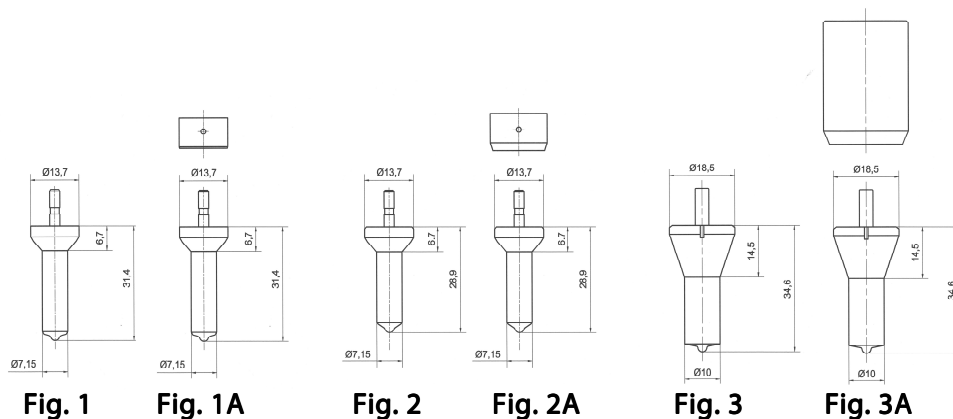
NOZZLES suitable for CAT®

Seven Code	Stamping/ Injector Part Number	Holes	Injector Cross Reference	Engines	Fig.	Assembly
79608	10R7224	6x0,165x130°	166-1759, 172-5780, 217-2570, 235-2888, 236-0962	C9 – 950HC	1	79608A Fig. 1A
79611	10R7221 10R9001	5x0,20x128°	229-2018, 229-2019, 242-0616, 243-6846, 293-4065, 328-2575, 387-9440	C-9	2	79611A Fig. 2A
79612	10R7222 10R4764	5x0,24x126°	10R4764 = 240-8063, 245-3516, 245-3517, 245-3518, 293-4067, 328-2577, 387-9438 10R7222 = 254-4339, 267-3360, 267-3361, 293-4072, 328-2574, 387-9433	C9	2	79612A Fig. 2A
79616	10R7223 10R4844	5x0,23x126°	241-3182, 241-3187, 242-0136, 242-0137, 242-0139, 293-4068, 328-2578, 387-9437	C9 – C-9	2	79616A Fig. 2A
79623	10R7225 10R4763	6x0,20x135°	10R4763 = 222-5958, 222-5962, 238-8091, 241-3400, 246-2343, 295-1410, 328-2582, 387-9428 10R7225 = 263-8218, 268-1835, 268-1839, 295-1411, 328-2585, 387-9427	C7 - C9 - 329D	2	79623A Fig. 2A
79627	10R4761	6x0,17x136°	222-5959, 222-5961, 236-0973, 243-4502, 295-1408, 328-2583, 387-9430	C7	2	79627A Fig. 2A
79628	10R4762	6x0,17x134°	238-9808, 238-9809, 241-3229, 243-4503, 295-1409, 328-2584, 387-9429	C7	2	79628A Fig. 2A



NOZZLES suitable for CAT®

Seven Code	Stamping/ Injector Part Number	Holes	Injector Cross Reference	Engines	Fig.	Assembly
79701 *	10R0955	6x0,22x132° Small Head	0R9803, 176-1150, 191-3005, 211-3025	3406E / C15	3	79701A Fig. 3A 
79702	10R0956	6x0,195x130° Small Head	0R4332, 0R4895, 0R9256, 102-6236, 109-5038, 117-0481, 118-7929, 118-9027, 140-8951, 159-2631, 191-3002, 211-3022, 10R2782	3406E / C15	3	79702A Fig. 3A 
79703 *	10R0957	6x0,23x132° Small Head	0R4119, 0R4300, 0R4331, 0R4894, 0R9257, 102-2014, 103-4562, 109-5021, 117-0482, 118-8010, 118-9030, 140-8993, 159-2479, 191-3003, 211-3023, 10R2781, 10R8501	3406E / C15	3	79703A Fig. 3A 
79704 *	10R0958	6x0,23x130° Small Head	0R4118, 0R4668, 0R4893, 0R9258, 102-6230, 117-1146, 117-1148, 118-9035, 152-3680, 191-3004, 211-3024, 211-3027, 10R2780, 10R8059, 10R8502	3406E / C15	3	79704A Fig. 3A 
79705 *	10R0963	6x0,20x130° Small Head	0R8773, 137-2500, 147-0373, 160-1090, 160-2303, 194-5083, 212-3463, 10R9235	C12 / 3196	3	79705A Fig. 3A 





NOZZLES suitable for CAT®

Seven Code	Stamping/ Injector Part Number	Holes	Injector Cross Reference	Engines	Fig.	Assembly
79706	10R0967	6x0,18x150° Small Head	0R4987, 116-5414, 161-1785, 212-3462	C10 / 3176C	3	79706A Fig. 3A 
797065 *	10R1000 10R1273	*SPECIAL HOLES* Big Head	10R1000 = 173-9272, 229-5919 10R1273 = 239-4909, 249-0709	3406E / C15	3	797065A Fig. 3A 
79707	10R1275	10x0,255x160° Big Head	0R8215, 139-5221, 144-5665, 150-4455, 229-0192, 250-1312, 373-4087, 392-0212, 20R0848	3516B	3	79707A Fig. 3A 
79708	10R1305	*SPECIAL HOLES* Big Head	249-0707	C13	3	79708A Fig. 3A 
797085	10R1814	*SPECIAL HOLES* Big Head	229-5918	C12	3	797085A Fig. 3A 
79709	10R2977	*SPECIAL HOLES* Big Head	249-0708	C13	3	79709A Fig. 3A 
79710 *	10R3262	6x0,215x132° Small Head	249-0713	C11 / C13	3	79710A Fig. 3A 
797102	10R3265		244-7716, 253-0616	C27	3	797102A Fig. 3A 



NOZZLES suitable for CAT®

Seven Code	Stamping/ Injector Part Number	Holes	Injector Cross Reference	Engines	Fig.	Assembly
79715	CH12013	6x0,29x130° Small Head		Perkins	3	79715A Fig. 3A 
79717 *	CH12071	6x0,32x131° Small Head	200-1117, 295-9085, 10R8988	Perkins	3	79717A Fig. 3A 
79720 *	CH10948	6x0,30x130° Small Head	276-8307, 10R7231	Perkins	3	79720A Fig. 3A 
79727	20R1271	8x0,29x160° Big Head	134-2601, 172-4672, 229-1099, 250-1307, 386-1759, 392-0207, 0R7977, 10R1277	3508, 3512, 3516	3	79727A Fig. 3A 
79732 *	10R2772 CH11945	6x0,28x133° Small Head	253-0618	C15 - C18 - C32 - Perkins	3	79732A Fig. 3A 
79739	20R2284	6x0,23x130° Small Head	374-0750	C18 - C32	3	79739A Fig. 3A 
79740 *	20R2285	6x0,217x125° Small Head	238-0489 244-7717 253-0617 374-0751	C15 - C27	3	79740A Fig. 3A 



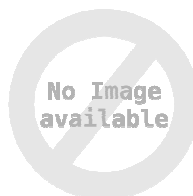
INJECTORS AND PUMPS SPARE PARTS



35619
BLUE O-RING C7
MIN. 10 PCS



356191
BLACK O-RING C9
MIN. 10 PCS



356192
PISTON GASKETS C7/C9



356194
DOWEL C7/C9
Ø1,6x19
MIN. 100 pcs



3561942
SPRING C7



3561943
SPRING C9



3561944
SPRING
3176C/3406E/3500E/
3508E/3512E/3512E/
3516E/C10/C13/C15/C16/
C18/C27/C32



356197
NOZZLE NUT C7



356198
NOZZLE NUT C9



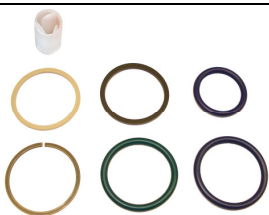
35620
C7 INTERNAL KIT



35621
C7 EXTERNAL KIT



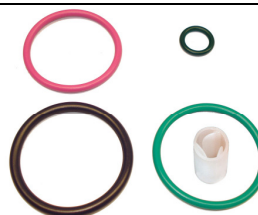
35625
C9 INTERNAL KIT



35626
C9 EXTERNAL KIT



35630
INTERNAL KIT
3176C-C10-C12



35631
EXTERNAL KIT
3176C-C10-C12



35634
INTERNAL KIT
3406E-C11-C13-C15-
C16-C18-C27-C32



INJECTORS AND PUMPS SPARE PARTS



35635
EXTERNAL KIT
3406E-C11-C13-C15-
C16-C18-C27-C32



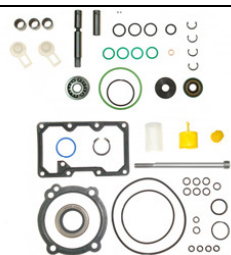
356351
SCREW SET
3406E-C11-C13-C15-
C16-C18-C27-C32
MIN. 10 PCS



35642
INTERNAL KIT
3500 SERIE



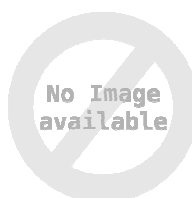
35643
EXTERNAL KIT
3500 SERIE



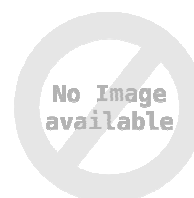
35650
KIT C7/9 HYDRAULIC
PUMPS for 319-0676/7



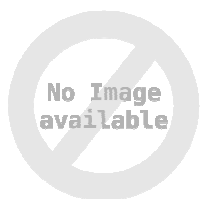
356503
SCREW SET CAT PUMP
MIN. 2 PCS



35655
ACTUATOR VALVE



35657
ACTUATOR VALVE



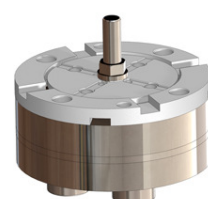
35659
ACTUATOR VALVE



35660
ACTUATOR VALVE



356601
REGULATOR
ASSEMBLY C7



356602
REGULATOR
ASSEMBLY C9



356603
SPOOL VALVE C7



356604
SPOOL VALVE C9



356605
DIESEL VALVE C7



356606
DIESEL VALVE C9



INJECTORS AND PUMPS SPARE PARTS



S99000
SOLENOID 3176C/
3406E/3500/
3508E/3512E/3516E



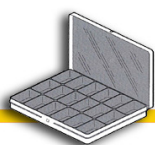
S99001
SOLENOID C7/C9
214-5427



S99002
SOLENOID 3408/3412



S99004
SOLENOID PUMP
C7/C9 (w/o seat for O-
ring) 312-5620



CALIBRATION SHIMS



15150
Solenoid
Shim Kit C9
Total items 40 pcs. –
12 shims size from
2,84 to 2,98 (cut 0,02)