



Nozzles and spare parts for **CATERPILLAR® COMMON RAIL SYSTEM** suitable for Perkins® and Mitsubishi® applications

Caterpillar® also developed a Common Rail system capable of multiple injection.

Multiple injection allows optimal combustion and low emissions at all loads.

Caterpillar® CR fuel system is the most effective technology to match emission regulations. The main components are a high pressure (HP) pump, rail, injector and electronics. Caterpillar® C4.4 and C6.6 ACERT Industrial Diesel Engines offer the perfect balance between durability, fuel efficiency and low emissions. These engines use Common Rail fuel systems and advanced control systems to deliver maximum uptime in the harshest environment. Applications powered by C4.4 and C6.6 ACERT engines include: Agriculture, Tractors, Aircraft Ground Support, Grinders, Harvesters, Compactors/Rollers, Compressors, Construction, Cranes, Forestry, Forklifts, General Industrial, Irrigation Equipment, Loaders, Mining. Perkins® is using this system on its 1100 Series. New Engines C7.3 and C9.3 with Common Rail system are also present in the markets worldwide.

Check out in next pages our products suitable for Caterpillar®



NOZZLES

Seven Code	Stamping	Injector No.	Main applications	Engine
79842	2645A742	257-2500, 266-4434, 276-8280, 282-0480, 289-7500, 293-9580, 321-1080, 10R7667, 2645A703, 2645A704, 2645A708, 2645A742	Perkins	C6.6
79845	2645A745	320-0670, 10R7670, 2645A717, 2645A733, 2645A745	Perkins	C6.6
79847	2645A747	320-0680, 10R7672, 2465A718, 2645A734, 2645A747, 226779M1	Perkins and Massey Ferguson	C4.4/C6.6
79849	2645A749	320-0690, 10R7673, 2645A719, 2645A735, 2645A749	Perkins	C6.6
79861	32F61-00061	326-4740, 10R7676, 32F61-00022, 32F61-00061	Mitsubishi	315D/318D/319D
79862	32F61-00062	326-4700, 10R7675, 32F61-00060, 32F61-00062	Mitsubishi	320D/321D/323D



INJECTORS SPARE PARTS

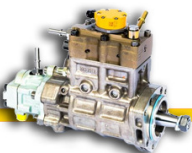




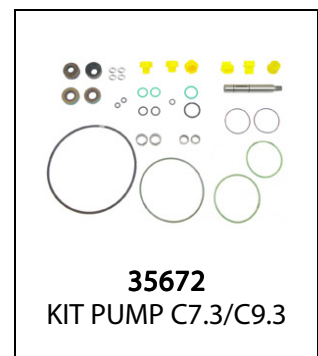
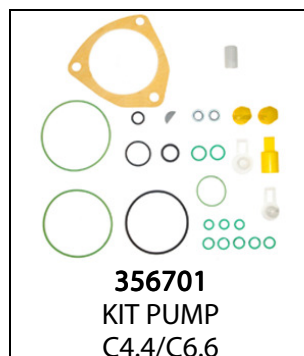
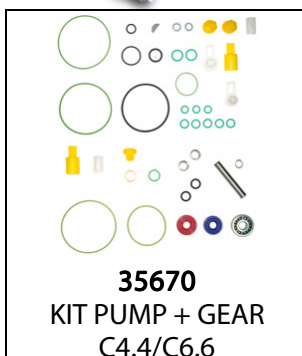
INJECTORS SPARE PARTS

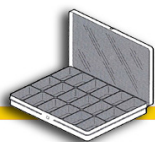


VALVES
35661 and 35662 are
slightly different



PUMPS SPARE PARTS





CALIBRATION SHIMS



15140

Shim Kit $\varnothing 26$ –
Hole $\varnothing 22,5$
Total items 240 pcs. –
24 shims size from
2,04 to 2,50 (cut 0,02)



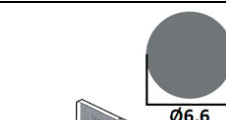
15141

Shim Kit $\varnothing 26$ –
Hole $\varnothing 22,5$
Total items 470 pcs. –
54 shims size from
2,04 to 2,50 (cut 0,01)



15142

Shim Kit $\varnothing 6,6$
Total items 360 pcs. –
36 shims size from
1,30 to 2,00 (cut 0,02)



15143

Shim Kit $\varnothing 6,6$
Total items 360 pcs. –
36 shims size from 2
to 2,35 (cut 0,01)



TOOLS



10105

Key for mounting /
dismounting the
inner
ring-nut



10106

Key for mounting /
dismounting the nut
To be used with
10105



10110

12 Faces key for
dismantling the
electromagnet.
Distance between
faces 27.5 mm