

PRODUCT UPDATE - September 2016 (last update 10.05.2021)



Nozzles and spare parts for CATERPILLAR® COMMON RAIL INJECTORS 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 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 |

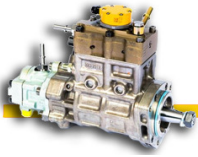


INJECTORS SPARE PARTS



VALVES 35661 and
35662 are slightly
different





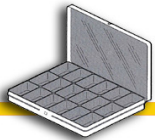
PUMPS SPARE PARTS



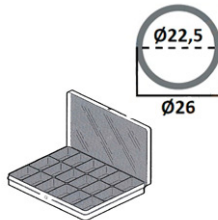
35670
KIT PUMP C4.4/C6.6



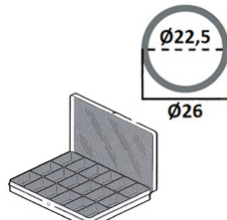
35671
BEARING CAT
CR PUMP



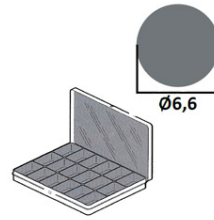
CALIBRATION SHIMS



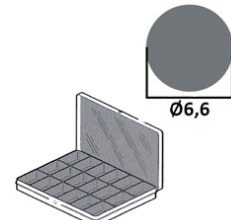
15140
Shim Kit \varnothing 26 - Hole
 \varnothing 22,5
Total items 240 pcs.
–
24 shims size from
2,04 to 2,50 (cut
0,02)



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