



# FIRAD New Product Catalogue

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**OEM CODES AND PARTS NUMBERS ARE  
GIVEN FOR REFERENCE PURPOSE ONLY**

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## Bosch CR nozzle

FIRAD code	BOSCH® Stamping	BOSCH® PN	BOSCH® Injector Code	Vehicle/ Engine
ALLA 150 P 1566	DLLA 150 P 1566	0 433 171 965	0 445 120 074	
ALLA 150 P 1564	DLLA 150 P 1564	0 433 171 963	0 445 120 064 0 445 120 136 0 445 120 137	
ALLA 148 P 1641++	DLLA 148 P 1641++	0 433 172 004	0 445 120 154 0 445 120 219	
ALLA 146 P 1339++	DLLA 146 P 1339++	0 433 171 831	0 445 120 030 0 445 120 218	
ALLA 144 P 1565	DLLA 144 P 1565	0 433 171 964	0 445 120 066	

## Delphi CR nozzle

FIRAD code	DELPHI® Stamping	DELPHI® Injector Code	OE Injector Code	Vehicle/ Engine
ALLA 152 DP 375	E375	28236381		Hyundai H1, i800, Starex
ALLA 144 DP 430	J430	28347042		BobCat A, S T series Doosan D engines tong yang moolsan T series
ALLA 142 DP 441	J441	28337917	BobCat 7030364	BobCat Toolcat BobCat E, S, T series Doosan D engines

## Denso nozzle 4<sup>th</sup> Generation

FIRAD code	DENSO® Stamping	DENSO® Injector Code	DENSO® New injector code	DENSO® P/N	OE code	Vehicle/ Engine
ALLA 156 G4S008	G4S008	295700-0560			Toyota 23670-0E020	TOYOTA HILUX REVO



## Denso CR nozzle 3<sup>rd</sup> Generation

FIRAD code	DENSO® Stamping	DENSO® Injector Code	DENSO® New injector code	DENSO® P/N	OE code	Vehicle/ Engine
ALLA 153 G3S41	G3S41	295050-0760			Toyota 23670-E9260	HINO N04C engine
ALLA 148 G3S77	G3S77	295050-1760				
ALLA 145 G3S45	G3S45	295050-0890				
ALLA 133 G3S19	G3S19	095000-0590			John Deere RE545562 John Deere RE543351 John Deere SE502671	John Deere 4.5L, 6.8L, 8.1L, 9.0L Engine

## Siemens VDO CR nozzle

FIRAD code	VDO® Stamping	VDO® Injector Code	OE code	Vehicle/ Engine
ALLA 155 PM 018	M 0018 P 155	A2C59511364 5WS40249 5WS40062	Ford 4H2Q-9K546-AF Land Rover LR008836 Land Rover LR006495	Land Rover Discovery Land Rover Range Rover
ALLA 145 PM 031	M 0031 P 145	5WS40932 A2C39997000 A2C3999700080	Navistar 7001105C1	TROLLER T4 3.2 FORD Ranger 3.2
ASLA 152 PV 208	V 208 P 152	03G130073T		AUDI A3, A4 SEAT Altea, Leon, Toledo SKODA Octavia VW Golf, Passat, Touran

## Caterpillar Nozzles

FIRAD code	Engine Angle	Spray Angle	CAT® Injector Part Number	Stamping	Vehicle/ Engine
C802X	0°	145°	20R-2285=374-0751	215T377545	

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