



MD-Diesel

PRODUCTS CATALOGUE

2018/19

1

NOZZLES

DLLA S TYPE

DLLA	18 S 418	DLLA	142 S 792	DLLA	150 S 2120
DLLA	25 S 627	DLLA	142 S 924	DLLA	150 S 2641
DLLA	25 S 722	DLLA	142 S 926	DLLA	151 S 972
DLLA	27 S 512	DLLA	143 S 1302	DLLA	151 S 985
DLLA	27 S 613	DLLA	144 S 485	DLLA	155 S 007
DLLA	28 S 414	DLLA	144S 488	DLLA	155 S 733
DLLA	28 S 656	DLLA	144 S 747	DLLA	160 S 555
DLLA	30 S 678	DLLA	144 S 829	DLLA	160 S 1125
DLLA	31 S 921	DLLA	144 S 842	DLLA	160 S 1144
DLLA	32 S 365	DLLA	145 S 1160		
DLLA	35 S 2180	DLLA	145 S 1161		
DLLA	35 S 376	DLLA	145 S 1169		
DLLA	38 S 541	DLLA	145 S 170		
DLLA	50 S 226	DLLA	145 S 507		
DLLA	79 S 390	DLLA	145 S 525		
DLLA	110 S 1030	DLLA	146 S 1085		
DLLA	124 S 1001	DLLA	149 S 715		
DLLA	134 S 999	DLLA	149 S 774		
DLLA	134 S 1199	DLLA	149 S 775		
DLLA	136 S 1000	DLLA	150 S 186		

DLLA	136 S 943	DLLA	150 S 187		
DLLA	136 S 1034	DLLA	150 S 393		
DLLA	137 S 1208	DLLA	150 S 417		
DLLA	136 S 1020	DLLA	150 S 469		
DLLA	136 S 943	DLLA	150 S 615		
DLLA	137 S 1208	DLLA	150 S 616		
DLLA	138 S 983	DLLA	150 S 720		
DLLA	138 S 1112	DLLA	150 S 753		
DLLA	138 S 1191	DLLA	150 S 781		
DLLA	140 S 610	DLLA	150 S 815		
DLLA	140 S 632	DLLA	150 S 836		
DLLA	140 S 672	DLLA	150 S 842		
DLLA	140 S 976	DLLA	150 S 843		
DLLA	140 S 1003	DLLA	150 S 853		
DLLA	140 S 1115	DLLA	150 S 873		
DLLA	140 S 1217	DLLA	150 S 891		
DLLA	140 S 1252	DLLA	150 S 902		
DLLA	140 S 2150	DLLA	150 S 925		
DLLA	142 S 1033	DLLA	150 S 935		
DLLA	142 S 1096	DLLA	150 S 975		
DLLA	142 S 1142	DLLA	150 S 1034		
DLLA	142 S 1188	DLLA	150 S 1087		

DLLA	142 S 1264	DLLA	150 S 1091		
DLLA	142 S 1266	DLLA	150 S 1137		
DLLA	142 S 791	DLLA	150 S 1304		

DLLA P TYPE				DSLA P TYPE	
DLLA	134 P 180	DLLA	150 P 115	DSLA	126 P 245
DLLA	135 P 186	DLLA	150 P 133	DSLA	134 P 604
DLLA	134 P 372	DLLA	150 P 145	DSLA	134 P 722
DLLA	135 P 250	DLLA	150 P 174	DSLA	140 P 640
DLLA	140 P 175	DLLA	150 P 177	DSLA	144 P 547
DLLA	140 P 271	DLLA	150 P 178	DSLA	145 P 208
DLLA	140 P 305	DLLA	150 P 179	DSLA	145 P 263
DLLA	140 P 517	DLLA	150 P 205	DSLA	145 P 264
DLLA	142 P 87	DLLA	150 P 224	DSLA	145 P 265
DLLA	143 P 40	DLLA	150 P 232	DSLA	145 P 267
DLLA	143 P 96	DLLA	150 P 326	DSLA	145 P 280
DLLA	144 P 144	DLLA	150 P 451	DSLA	145 P 300
DLLA	144 P 184	DLLA	150 P 975	DSLA	145 P 311 M

DLLA	144 P 449	DLLA	152 P 531	DSLA	145 P 366
DLLA	145 P 439	DLLA	154 P 206	DSLA	145 P 464
DLLA	145 P 606	DLLA	154 P 983	DSLA	145 P 477
DLLA	146 P 154	DLLA	155 P 5	DSLA	145 P 626
DLLA	146 P 166	DLLA	155 P 74	DSLA	145 P 631
DLLA	147 P 538	DLLA	155 P 114	DSLA	145 P 681
DLLA	147 P 658	DLLA	155 P 125	DSLA	145 P 682
DLLA	147 P 680	DLLA	155 P 135	DSLA	145 P 763
DLLA	148 P 694	DLLA	155 P 215	DSLA	147 P 008
DLLA	148 P 149	DLLA	155 P 223	DSLA	148 P 011
DLLA	148 P 164	DLLA	155 P 230	DSLA	148 P 482
DLLA	149 P 602	DLLA	155 P 273	DSLA	148 P 575
DLLA	150 P 22	DLLA	155 P 274	DSLA	148 P 1017
DLLA	150 P 30	DLLA	155 P 277	DSLA	148 P 591
DLLA	150 P 31	DLLA	155 P 973	DSLA	150 P 280
DLLA	150 P 35	DLLA	158 P 456	DSLA	150 P 357
DLLA	150 P 39	DLLA	158 P 691	DSLA	150 P 442
DLLA	150 P 43	DLLA	158 P 729	DSLA	150 P 448
DLLA	150 P 49	DLLA	158 P 730	DSLA	150 P 502

DLLA	150 P 52	DLLA	160 P 3	DSLA	150 P 520
DLLA	150 P 59	DLLA	160 P 004	DSLA	152 P 859
DLLA	150 P 71	DLLA	160 P 57	DSLA	153 P 009
DLLA	150 P 91	DLLA	160 P 85	DSLA	154 P 960
DLLA	150 P 105	DLLA	160 P 90	DSLA	153 P 820
DLLA	150 P 110			DSLA	155 P 012
DLLA	150 P 112			DSLA	155 P 104
DLLA	150 P 115			DSLA	155 P 276
DLLA	150 P 129			DSLA	155 P 1038
DLLA	150 P 130			DSLA	158 P 964

DLLA S/SN/NP TYPES		DLLA S/SN TYPES		Various	
DLLA	138 S 364 N 409	DLLA	155 S 324 N 456	B 3 TA	
DLLA	140 SM 080	DLLA	152 SN 529	B3 TA2 026	
DLLA	140 SN 634	DLLA	155 SN 532	B3 TA2 029	
DLLA	142 SN 613	DLLA	155 SN 635	B3 TA2 236	
DLLA	142 S 354 N 502	DLLA	155 SN 746		
DLLA	142 SN 581	DLLA	155 SN 872	DILM	148/2

DLLA	145 S 344 N 453	DLLA	157 SN 872		
DLLA	145 SN 523	DLLA	157 SN 848	DL	30 S 1184
DLLA	146 S 334 N 439	DLLA	158 S 325 N 437	DLL	110 S 639
DLLA	148 S 324 N 473	DLLA	158 SN 638	DLL	140 S 1115
DLLA	148 SN 545	DLLA	158 SN 821	DLL	140 S 672
DLLA	150 S 308 NP 52	DLLA	160 S 295 N 422	DLL	155 S 611 W
DLLA	150 S 324 ND 117	DLLA	160 S 325 N 507	DLL	160 S 511 W
DLLA	150 S 334 NP 89	DLLA	160 S 354 NP 49	DLLA	150 S 672
DLLA	150 S 344 NP 82	DLLA	160 S 354 NP 88	DLLA	142 S 1033
DLLA	150 S 374 N 464	DLLA	160 SN 539	DLLA	146 S 1085
DLLA	150 S 384 NP 73	DLLA	160 SN 566	DLLA	155 S 325 W 048
DLLA	150 S 394 NP 411	DLLA	160 SN 644	DLLA	155 S 529
DLLA	150 S 424 N 470	DLLA	160 SN 658	DLLA	150 S 428
DLLA	150 SN 555	DLLA	160 SN 671	DLLA SV	3142565
DLLA	150 SN 615	DLLA	160 SN 698	DLLB	151 S 907

DLLA	150 SN 660	DLLA	160 SN 731	DLLB	160 S 1125
DLLA	150 SND 200	DLLA	160 SN 744	DOP	140 S 435-4369
DLLA	150 S 424 N 684	DLLA	166 S 374 NP 6	DOP	150 S 335- 4359
DLLA	150 SN 762	DLLA	168 S 304 NP 59	DOP	150 S 525 - 53
DLLA	150 SN 808			NL 141	
DLLA	151 S 354 NP 86	DLLA	150 S 313 ND 97	NL 179	
DLLA	151 SM 145	DLLA	150 S 325 ND 117	NLL	160 S 3243
DLLA	152 SN 529			NLL	160 S 3273 - 5
DLLA	152 SN 681				
DLLA	153 SN 736				
DLLA	154 S 284 N 393				
DLLA	154 S 304 N 474				
DLLA	154 S 324 N 413				
DLLA	154 S 334 N 419				
DLLA	154 S 374 N 438				

DLLA	154 SN 533				
DLLA	154 SN 606				
DLLA	154 SN 607				
DLLA	154 SN 625				
DLLA	154 SN 640				
DLLA	154 SM 025				

DLLA PN TYPE		DLLA P TYPE	
DLLA	140 PN 013	DLLA	146 P 667

DLLA	146 PN 055	DLLA	148 P 694
DLLA	150 PN 056	DLLA	150 P 9
DLLA	150 PN 088	DLLA	150 P 59
DLLA	152 PN 009	DLLA	150 P 214
DLLA	152 PN 014	DLLA	150 P 224
DLLA	152 PN 049	DLLA	150 P 31047
DLLA	152 PN 063	DLLA	150 P 421
DLLA	152 PN 184	DLLA	150 P 552
DLLA	153 PN 177	DLLA	150 P 975
DLLA	153 PN 178	DLLA	152 P 69
DLLA	154 PN 005	DLLA	154 P 983
DLLA	154 PN 006	DLLA	155 P 18 A
DLLA	154 PN 007	DLLA	155 P 84
DLLA	154 PN 058	DLLA	160 P 3
DLLA	154 PN 061	DLLA	160 P 50
DLLA	154 PN 062	DLLA	150 SND 200
DLLA	154 PN 064	DLLA	150 SND 227
DLLA	154 PN 068	DLLA	155 SND 160
DLLA	154 PN 101		
DLLA	154 PN 103		
DLLA	154 PN 116		
DLLA	154 PN 155		
DLLA	154 PN 186		
DLLA	155 PK 107		
DLLA	155 PN 118		
DLLA	158 PN 159		
DLLA	155 PN 179		
DLLA	157 PN 090		
DLLA	157 PN 902		
DLLA	158 PN 209		
DLLA	158 PN 691		
DLLA	160 PN 004		

DLLA	160 PN 010		
DLLA	160 PN 171		
DLLA	160 PN 141		
DLLA	161 PN 109		

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DN Type		PDN Type	
DN	0 SD 21	P - DN	0 PD 21
DN	0 SD 178	P - DN	0 PD 37
DN	0 SD 189	P - DN	0 PD 58
DN	0 SD 193	P - DN	0 PDN 112
DN	0 SD 211	P - DN	0 PDN 113
DN	0 SD 220	P - DN	0 PDN 121
DN	0 SD 230	P - DN	0 PD 628
DN	0 SD 252	P - DN	4 PD 1
DN	0 SD 259	P - DN	4 PD 57
DN	0 SD 261	P - DN	10 PD 76
DN	0 SD 262	P - DN	10 PDN 130
DN	0 SD 263	P - DN	15 PDN 100
DN	0 SD 264	P - DN	20 PD 32
DN	0 SD 265		
DN	0 SD 269		
DN	0 SD 272		
DN	0 SD 274		
DN	0 SD 286		
DN	0 SD 288		
DN	0 SD 292		
DN	0 SD 293		
DN	0 SD 294		
DN	0 SD 297		
DN	0 SD 308		
DN	0 SD 1510		
DN	0 SD 1930		
DN	0 SD 2110		
DN	4 SD 24		
DN	8 S 235		
DN	10 S 242		
DN	12 SD 12		

DN	12 SD 1750		
DN	15 S 156		
RDN	4 SD 6769		
DN	SD 2 Z 45		

BDLL S TYPE		DLLA P TYPE	Various
BDLL	124 S 6857	680 1017	155 S 325 W 048
BDLL	124 S 6858	680 1019	160 S 503 W
BDLL	140 S 6422	680 1022	HL 120 S 31 E 940 P3
BDLL	140 S 6592	680 1024	HL 130 S 26 C 175 P3
BDLL	140 S 6707	680 1027	
BDLL	150 S 6507	680 1032	
BDLL	150 S 6476	680 1047	
BDLL	150 S 6225	680 1072	
BDLL	150 S 6554	680 1080	
BDLL	150 S 6556	680 1088	
BDLL	150 S 6570	680 1141	
BDLL	150 S 6571	680 1173	
BDLL	150 S 6622	680 1174	
BDLL	150 S 6600 CF		
BDLL	150 S 6602		
BDLL	150 S 6666		
BDLL	150 S 6730 CF		
BDLL	150 S 6743 CF		
BDLL	150 S 6774		
BDLL	160 S 6703 CF		
BDLL	160 S 6705 CF		
BDLL	160 S 6394		
BDLL	160 S 6830		
DLLA S..F TYPE			
BDLL	140 S 37 F		
BDLL	140 S 56 F		
BDLL	140 S 64 F		
BDLL	140 S 77 F		

BDLL	145 S 54 F		
BDLL	149 S 69 F		
BDLL	143 S 73 F		
BDLL	150 S 74 F		
BDLL	150 S 79 W		
DLLA	150 S 7 R		

Marine Engine Nozzles

GEN. PART NO	PART DESCRIPTION
T Type Nozzles	
035 - 8 - 125	Injection Nozzle
038 - 7 - 140	Injection Nozzle
040 - 10 - 120	Injection Nozzle
124-DL 150 T 366D1	Injection Nozzle
131 038 - 7 - 120 2511	Injection Nozzle
27 - D5004008130 7 BJK	Injection Nozzle
48 - YDL 155 T 348 D1	Injection Nozzle
D 5035208	Injection Nozzle
D 50382085	Injection Nozzle
DL 130 T 328NP20	Injection Nozzle
DL 140 T 1155	Injection Nozzle
DL 145 T 1187	Injection Nozzle
DL 150 T 1197	Injection Nozzle
DLF 125TJ 357 N4	Injection Nozzle
NP-DL 150 T 348 NP20	Injection Nozzle
NP - DL160 T 306 NP1	Injection Nozzle
Y 4028508 NR 6 FBU	Injection Nozzle
YDL 150 T 288SP	Injection Nozzle
035 - 6 - 120	Injection Nozzle
B5 LT - LYA / E	Injection Nozzle
DL 110 T 1167	Injection Nozzle
DL 135 T 1191	Injection Nozzle
DL 140 T 226	Injection Nozzle
DL 140 T 91	Injection Nozzle
DL 145 T 1198	Injection Nozzle

DL 150 T288 NP1	Injection Nozzle
RZ DO140 T 630	Injection Nozzle
YDL 150 T 258	Injection Nozzle
U TypeNozzles	
C1 - 04-038-8- 130 8706	Injection Nozzle
C1 - 18-046-10-130 8705	Injection Nozzle
C1 - 31-042-10-130 8704	Injection Nozzle
C1 - 39-040-10-130 8703	Injection Nozzle
C 5046308 2KAV	Injection Nozzle
CV01 040-10-130 8907	Injection Nozzle
DLF 140 U J 3810N4	Injection Nozzle
Yanmar YDL - 135U299 JPI	Injection Nozzle
DL 160 U 388	Injection Nozzle
MAK 551	Injection Nozzle
69 - 042 -8 -130	Injection Nozzle
DE DO 140U 745	Injection Nozzle

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INJECTORS

INJECTORS (Without Nozzle)

GEN. PART NO	Type Code	PART DESCRIPTION
0 430 133 992	KDEL 97 P 10	INJECTOR
0 430 211 999	KCE 24 S 1	INJECTOR
0 430 211 048	KCA 30 S 36/4	INJECTOR
0 430 211 009	KCA 30SD 2/4	INJECTOR
0 430 233 015	KDAL 80S37	INJECTOR
0 430 233 020	KDAL 80 S 47	INJECTOR
0 430 233 022	KDAL 80 S 37	INJECTOR
0 431 114 003	KBAL 105 P 18	INJECTOR
0 431 112 012	KBAL 52P 21	INJECTOR
0 431 112 985	KBEL63 P 62	INJECTOR
0 431 112 994	KBEL	INJECTOR
0 431 112 997	KBEL 90P5 / 13	INJECTOR
0 431 113 987	KBEL 88 P 34	INJECTOR

0 431 113 992	KBEL 78 P 23	INJECTOR
0 431 114 992	KBEL 108P 25	INJECTOR
0 431 114 997	KBEL 117P 7/4	INJECTOR
0 431 204 055	KBEL 108S 178/4	INJECTOR
0 431 211 996	KBE 45 S 56	INJECTOR
0 431 212 032	KBAL 65 S 61	INJECTOR
0 431 212 029	KBAL 65S13/ 13	INJECTOR
0 431 212 991	KBE 58 S 8	INJECTOR
0 431 212 028	KBAL 62S 29/13	INJECTOR
0 431 212 985	KBEL 66 S 47	INJECTOR
0 431 213 985	KBEL 90 S 23	INJECTOR
0 431 213 004	KBAL 97 S9/4	INJECTOR
0 431 213 982	KBEL 83S 35	INJECTOR
0 431 215 012	KBAL 140S 63	INJECTOR
0 431 214 030	KBAL 122 S 70	INJECTOR
9 430 031 259	KBAL 73S 41/ 13	INJECTOR
6702205 C	Lucas Condiesel	TYPE LUCAS
LRB 6701 421	LUCAS	TYPE LUCAS USE = PERKINS
7008 - 799 A	LUCAS	TYPE LUCAS USE = BEDFORD

	OKLL 108S 2973	TYPE OMAP
	OKLL 103 S 2978	TYPE OMAP
	OKLL 75S 12080	TYPE OMAP
	OKLL 52P 13570	TYPE OMAP
	780650	TYPE AMBAC
	780989	TYPE AMBAC
	781646	TYPE AMBAC
	AKF 90 S 5611A	TYPE AMBAC USE = MACK
	789313	TYPE STANADYNE
	780519	TYPE STANADYNE USE=NAVISTAR
	781535	TYPE STANADYNE USE=NAVISTAR
	30 124	TYPE STANADYNE
	30 750	TYPE STANADYNE
	31 242	TYPE STANADYNE
	31 491	TYPE STANADYNE
	31 041	TYPE STANADYNE
	31 491	TYPE STANADYNE
	29 144	TYPE STANADYNE

3

Hydraulic Heads

Hydraulic Heads VE Bosch Types

GEN PART NO	CYLINDER	MM	TURN
1 468 333 305	3	10	Left
1 468 333 320	3	11	Right
1 468 333 323	3	10	Left
1 468 333 333	3	11	Left
1 468 334 313	4	8	Right
1 468 334 320	4	9	Right
1 468 334 326	4	9	Right
1 468 334 327	4	9	Right
1 468 334 330	4	9	Right
1 468 334 336	4	8	Right
1 468 334 337	4	10	Right
1 468 334 365	4		

1 468 334 366	4		Right
1 468 334 378	4		
1 468 334 379	4	9	Right
1 468 334 383	4	9	Right
1 468 334 389	4		Left
1 468 334 391	4	10	Left
1 468 334 424	4	11	Left
1 468 334 425	4	9	Right
1 468 334 465	4	10	Right
1 468 334 468	4	9	Right
1 468 334 475	4	12	Right
1 468 334 476	4		
1 468 334 485	4	11	Right
1 468 334 490	4	11	Right
1 468 334 494	4	12	Right
1 468 334 496	4	12	Right
1 468 334 515	4	8	Right
1 468 334 546	4		Right
1 468 334 564	4	8	Right
1 468 334 565	4		
1 468 334 575	4	9	Right
1 468 334 580	4	11	Right
1 468 334 590	4	8	Right
1 468 334 592	4	11	Left
1 468 334 594	4		
1 468 334 595	4	11	Right
1 468 334 596	4	11	Right
1 468 334 599	4		Right
1 468 334 603	4	11	Right
1 468 334 604	4	11	Right
1 468 334 606	4	11	Right
1 468 334 617	4	11	Right

1 468 334 624	4	8	Right
1 468 334 625	4	12	Right
1 468 334 634	4	9	Right
1 468 334 647	4	12	Right
1 468 334 648	4	11	Right
1 468 334 653	4	12	Right
1 468 334 654	4	12	Right
1 468 334 663	4	9	Right
1 468 334 675	4	11	Right
1 468 334 677	4	9	Right
1 468 334 678	4	11	Right
1 468 334 687	4	8	Right
1 468 334 689	4	8	Right
1 468 334 700	4	9	Right
1 468 334 720	4	11	Right
1 468 334 780	4	11	Right
1 468 334 798	4	11	Right
1 467 334 817	4	8	Right
1 468 334 818	4	9	Right
1 468 334 859	4	11	Right
1 468 334 874	4	12	Right
1 468 334 899	4	12	Right
1 468 334 921	4	11	Right
1 468 334 946	4	11	Right

Hydraulic Heads VE Bosch Types			
GEN PART NO	CYLINDER	MM	TURN
1 468 335 345	5	10	Left
2 468 335 002	5	11	Left
2 468 335 022	5	11	Left
2 468 335 044	5	11	Right

1 468 335 374	4	9	Right
1 468 336 317	6	12	Right
1 468 336 335	5	11	Left
1 468 336 352	6	12	Left
1 468 336 364	6	12	Right
1 468 336 371	6	12	Right
1 468 336 403	6	12	Right
1 468 336 423	6	12	Right
1 468 336 432	6	12	Right
1 468 336 451	6	12	Right
1 468 336 464	6	12	Right
1 468 336 467	6	10	Left
1 468 336 480	6	12	Right
1 468 336 502	6	10	Left
1 468 336 528	6	11	Left
1 468 336 606	6	12	Right
1 468 336 608	6	12	Right
1 468 336 614	6	12	Right
1 468 336 626	6	12	Left
1 468 335 632	6	12	Right
2 468 334 021	4	10	Right
2 468 334 050	4	10	Right
2 468 334 060	4	11	Right
2 468 336 013	6	10	Right
9 461 080 408	4	11	Right
Hydraulic Heads VE Zexel Types			
GEN PART NO	CYLINDER	MM	TURN
145400-3320	4	10	Right
146400-2220	4	10	Right
146400-4220	4	8	Left
146400-4520	4	10	Right
146400-5020	4	10	Right

146400-5220			
146400-5521	4	9	Left
146400-6820	4	9	Right
146400-7420	4	9	Right
146400-7720	4	10	Right
146400-8821	4	9	Left
146400-9720	4	10	Right
146401-0221	4	10	Right
146401-0520	4	10	Right
146401-2020	4	10	Right
146401-2120	4	10	Right
146401-4120	4	10	Right
146402-0820	4	11	Right
146402-0920	4	11	Left
146402-1420	4	12	Right
146402-1820			
146402-2420			
146402-3420			
146402-3720	4	11	Right
146402-3820	4	11	Left
146402-4020	4	12	Left
146402-4320	4	12	Right
146402-4420			
146402-9320			
146403-1020	4	8	Right
146403-1120	4	9	Right
146403-1220	4	8	Right
146403-1420	4	12	Right
146403-2620	4	9	Right
146403-2820	4	10	Right
146403-3020			
146403-3120	4	10	Left

Hydraulic Heads VE Zexel Types			
GEN PART NO	CYLINDER	MM	TURN
146403-3420	4	10	Left
146403-3520	4	10	Right
146403-3620	4	10	Left
146403-4920	4	11	Right
146403-6120	4	11	Right
146403-6820	4	10	Left
146404-1520	4	10	Right
146404-2200	4	12	Left
146405-0421			
146405-0620	6	10	Right
146405-1320	6	9	Right
146405-1920	6	10	Left
146405-2620			
146406-0820	6	11	Right
146408-0420	6	10	Right
Hydraulic Heads VE Denso Types			
GEN PART NO	CYLINDER	MM	TURN
096400-0143	4	9	Right
096400-0232			
096400-0242	4	9	Right
096400-0262	4	12	Right
096400-0371	4	10	Right
096400-0400	4	9	Right
096400-0432	4	12	Right
096400-1000	4	10	Right
096400-4010	4	9	Right
096400-1030	4	9	Right
096400-1060	4	9	Right
096400-1090	4	9	Right
096400-1130	4	9	Right

096400-1140	4	9	Right
096400-1160	4	10	Right
096400-1190	3	9	Left
096400-1210	4	6	Right
096400-1220	4	12	Right
096400-1230	4	12	Right
096400-1240	4	12	Right
096400-1250	4	10	Right
096400-1270	4	10	Right
096400-1320			
096400-1330	4	10	Right
096400-1331	4	10	Left
096400-1360	4	10	Right
096400-1400	4	10	Right
096400-1430	4	10	Right
096400-1480			
096400-1490	4	10	Right
096400-1600	4	11	Left
096400-1700			
096400-2500	4	10	Right
096400-4020			
096540-0080	4	12	Left

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VE / VA / Inline

Repair Kits

VE / VA / Inline Repair Kits	
GEN. PART NO	PART DESCRIPTION
0 330 001 016	SOLENOID (24 V.)
0 330 001 015	SOLENOID (12 V.)
0 330 001 047	SOLENOID (12 V.)
0 430 233 004	INJECTOR BODY
0 430 133 992	INJECTOR BODY Complete No Nozzle
0 430 211 009	INJECTOR BODY Complete No Nozzle
0 430 211 048	INJECTOR BODY Complete No Nozzle
0 430 233 020	INJECTOR BODY Complete No Nozzle
0 430 233 022	INJECTOR BODY Complete No Nozzle
0 431 112 012	INJECTOR BODY Complete No Nozzle
0 431 112 994	INJECTOR BODY
0 431 113 992	INJECTOR BODY
0 431 114 003	INJECTOR BODY
0 431 114 997	INJECTOR BODY Complete No Nozzle
0 431 201 140	INJECTOR BODY
0 431 202 148	INJECTOR BODY
0 431 204 055	INJECTOR BODY Complete No Nozzle
0 431 211 996	INJECTOR BODY
0 431 212 029	INJECTOR BODY Complete No Nozzle
0 431 212 985	INJECTOR BODY
0 431 212 987	INJECTOR BODY
0 431 212 989	INJECTOR BODY
0 431 212 992	INJECTOR BODY
0 431 213 982	INJECTOR BODY Complete No Nozzle
0 431 213 985	INJECTOR BODY Complete No Nozzle
KBAL 59 P	INJECTOR BODY Complete No Nozzle
1 410 105 001	WASHER

1 410 281 012	OIL SEAL
1 410 500 101	WASHER
1 413 356 053	DELIVERY VALVE HOLDER
1 410 326 008	BUSH
1 413 356 018	DEL.VALVE HOLDER
1 413 356 024	DEL.VALVE HOLDER
1 413 356 040	DEL.VALVE HOLDER
1 413 356 053	DEL.VALVE HOLDER
1 413 356 067	DEL.VALVE HOLDER
1 413 370 045	CONNECTOR
1 413 371 031	DEL.VALVE HOLDER
1 413 372 028	DEL.VALVE HOLDER
1 413 372 056	CONNECTOR
1 413 372 061	CONNECTOR
1 413 372 072	CONNECTOR
1 413 372 075	CONNECTOR
1 413 372 080	CONNECTOR
1 413 372 082	CONNECTOR
1 413 372 090	CONNECTOR
1 413 373 006	CONNECTOR
1 413 373 008	CONNECTOR
1 413 373 017	DEL.VALVE HOLDER
1 413 373 024	DEL.VALVE HOLDER
1 413 412 004	SCREW
1 413 414 007	SCREW
1 413 414 011	SCREW
1 413 417 050	SCREW
1 413 450 010	FEMALE HEX.SCREW
1 413 452 015	VENT.SCREW
1 413 462 025	SCREW
1 416 300 003	QUADRANT
1 416 126 488	CAM SHAFT

1 417 413 000	VALVE
1 417 413 010	VALVE
1 417 413 022	VALVE
1 417 413 047	VALVE
1 420 026 000	RUBBER BUFFER
1 420 283 001	SEAL
1 420 301 002	BUSH
1 420 328 004	BUSH
1 420 328 030	BUSH
1 420 328 034	BUSH
1 420 400 000	BUSH
1 420 400 001	BUSH
1 420 400 002	BUSH
1 420 503 024	DIAPHRAGM
1 420 555 000	BUSH
1 422 013 044	ARM LEVER(SWELLING)
1 422 013 079	ARM LEVER(SWELLING)
1 423 002 080	SHAFT
1 423 300 004	SCREW
1 423 300 030	SCREW
1 423 317 015	SCREW
1 423 317 044	SCREW
1 423 341 001	SCREW
1 423 341 032	SCREW
1 423 400 031	SCREW
1 423 401 000	SCREW
1 423 455 020	PLUG
1 423 462 099	SCREW PLUG
1 428 194 025	REGULATOR
1 428 194 043	REGULATOR
1 450 410 011	NYLON FILTER
1 457 413 010	VALVE

1 460 100 356	WASHER
1 460 100 305	WASHER

GEN. PART NO	PART DESCRIPTION
1 460 134 313	BUSH
1 460 140 334	CROSS DISK
1 460 147 006	CROSS DISK
1 460 210 008	O'RING
1 460 283 310	OIL SEAL /NEW TYPE
1 460 283 311	OIL SEAL /NEW TYPE
1 460 324 315	BUSH
1 460 324 316	BUSH
1 460 324 331	BUSH
1 460 324 333	BUSH
1 460 324 333 S	BUSHSET COMPLETE
1 460 400 004	BUSHVE17 mm
1 460 400 014	BUSHVE19 mm
1 461 015 300	COVERSEAL
1 463 161 366	SHAFTVE
1 463 161 596	SHAFTVE
1 463 161 722	SHAFTVE
1 463 161 725	SHAFTVE
1 463 161 777	SHAFTVE
1 463 161 849	SHAFTVE
1 463 161 872	SHAFTVE
1 463 162 104	SHAFTVE
1 463 162 111	SHAFTVE
1 463 162 225	SHAFTVE
1 463 218 312	DEL.VALVE HOLDER
1 463 300 305	DEL.VALVE HOLDER
1 463 370 320	DEL.VALVE HOLDER
1 463 370 326	DEL.VALVE HOLDER

1 463 370 332	DEL.VALVE HOLDER
1 463 370 337	DEL.VALVE HOLDER
1 463 370 341	DEL.VALVE HOLDER
1 463 370 345	DEL.VALVE HOLDER
1 463 370 353	DEL.VALVE HOLDER
1 463 370 355	DEL.VALVE HOLDER
1 463 370 360	DEL.VALVE HOLDER
1 463 370 363	DEL.VALVE HOLDER
1 463 370 366	DEL.VALVE HOLDER
1 463 370 469	DEL.VALVE HOLDER
1 463 402 330	SCREW
1 463 410 004	SCREW
1 463 410 305	SCREW
1 463 414 305	SCREW
1 463 414 308	SCREW
1 463 414 312	SCREW
1 463 429 300	SCREW
1 463 452 008	SCREW
1 463 452 313	SCREW
1 463 456 303	RETURNVALVE
1 463 456 304	RETURNVALVE
1 463 456 360	RETURNVALVE
1 463 461 306	PLUGVE HEADVE
1 464 613 611	SPRING
1 464 651 386	SPRINGVE
1 466 100 401	SHAFTVE
1 466 100 402	SHAFTVE
1 466 110 374	CAM PLATE (CAM DISC)
1 466 110 604	CAM PLATE (CAM DISC)
1 466 110 609	CAM PLATE (CAM DISC)
1 466 110 640	CAM PLATE (CAM DISC)
1 466 110 643	CAM PLATE (CAM DISC)

1 466 110 654	CAM PLATE (CAM DISC)
1 466 111 347	CAM PLATE (CAM DISC)
1 466 111 361	CAM PLATE (CAM DISC)
1 466 111 502	CAM PLATE (CAM DISC)
1 466 111 603	CAM PLATE (CAM DISC)
1 466 111 616	CAM PLATE (CAM DISC)
1 466 111 626	CAM PLATE (CAM DISC)
1 466 111 645	CAM PLATE (CAM DISC)
1 466 317 319	GEAR
1 467 010 054	FLYWEIGHT
1 467 010 536 A	ROLLER KITVE2PCS
1 467 010 536	ROLLER KITVE3 PCS.
1 467 030 303	SUPPLY PUMP
1 467 030 304	SUPPLY PUMP
1 467 030 307	SUPPLY PUMP
1 530 210 003	O'Ring
1 900 023 003	KEYFORD
1 900 023 007	KEYDOVER
1 900 210 154	SEAL
1 903 385 003	BANJO
1 903 385 005	BANJO
1 903 385 009	BANJO
2 413 371 073	CONNECTOR
2 413 371 090	CONNECTOR
2 413 371 093	CONNECTOR
2 413 371 108	CONNECTOR
2 413 371 114	CONNECTOR
2 413 371 118	CONNECTOR
2 413 371 137	CONNECTOR
2 413 371 139	CONNECTOR
2 413 371 140	CONNECTOR
2 413 371 171	DELIVERY VALVE HOLDER

2 413 371 204	CONNECTOR
2 413 372 095	CONNECTOR
2 413 372 101	CONNECTOR
2 413 372 105	CONNECTOR
2 417 413 064	VALVE
2 417 413 065	VALVE
2 417 413 076	VALVE

GEN. PART NO	PART DESCRIPTION
420 026 006	BUFFERRUBBER TYPE P
2 420 503 002	DIAPHRAGM LDA
2 420 503 014	DIAPHRAGM LDA
2 420 503 017	DIAPHRAGM LDA
2 420 503 019	DIAPHRAGM LDA
2 430 134 018	NOZZLE ADAPTOR
2 430 134 023	NOZZLE ADAPTOR
2 430 136 031	NOZZLE ADAPTOR
2 430 136 078	NOZZLE ADAPTOR
2 430 136 079	NOZZLE ADAPTOR
2 430 136 085	NOZZLE ADAPTOR
2 430 136 145	NOZZLE ADAPTOR
2 430 136 166	NOZZLE ADAPTOR
2 430 136 197	NOZZLE ADAPTOR
2 430 136 202	NOZZLE ADAPTOR
2 430 136 212	NOZZLE ADAPTOR
2 433 314 018	CONNECTOR
2 433 314 019	CONNECTOR
2 433 314 023	CONNECTOR
2 433 314 039	NOZZLE CAP NUT
2 433 314 042	NOZZLE CAP NUT
2 433 314 044	NOZZLE CAP NUT
2 433 314 046	NOZZLE CAP NUT

2 433 314 051	NOZZLE CAP NUT
2 433 314 053	NOZZLE CAP NUT
2 433 314 057	NOZZLE CAP NUT
2 433 314 071	NOZZLE CAP NUT
2 433 314 089	NOZZLE CAP NUT
2 433 314 094	NOZZLE CAP NUT
2 433 314 153	NOZZLE CAP NUT
2 433 314 178	NOZZLE CAP NUT
2 433 314 182	NOZZLE CAP NUT
2 433 314 187	NOZZLE CAP NUT
2 433 315 005	NOZZLE CAP NUT
2 433 315 003	NOZZLE CAP NUT
2 433 315 003	NOZZLE CAP NUT
2 433 349 030	NOZZLE CAP NUT
2 433 349 103	NOZZLE CAP NUT
2 433 349 110	NOZZLE CAP NUT
2 433 349 111	NOZZLE CAP NUT
2 433 349 204	NOZZLE CAP NUT
2 433 349 208	NOZZLE CAP NUT
2 433 349 213	NOZZLE CAP NUT
2 433 349 215	NOZZLE CAP NUT
2 433 349 225	NOZZLE CAP NUT
2 433 349 228	NOZZLE CAP NUT
2 433 456 020	SCREW
2 433 458 117	NOZZLE CAP NUT
2 433 458 119	NOZZLE CAP NUT
2 433 458 123	NOZZLE CAP NUT
2 433 458 124	NOZZLE CAP NUT
2 444 615 006	SPRING
2 447 010 004	VALVESET
2 447 010 011	VALVE KIT
2 447 010 024	VALVE KIT

2 447 010 033	HAND PRIMER /NEW TYPE
2 447 222 000	HAND PRIMER STEEL WITH SPRING
2 449 109 005	GLASS BOWL SET
2 454 642 001	SPRING(GLASS BOWL)
2 459 999 000	STIRRUP
2 459 999 002	GLASS BOWL
8 472 031 710	NOZZLE CAP NUT
8 491 114 050	NOZZLE CAP NUT
9 411 270 025	CAMSHAFT
9 461 610 088	SUPPLY PUMP VE
9 461 610 089	SUPPLY PUMP VE
9 411 610 090	CONNECTOR
9 461 610 091	OVERFLOW VALVE
9 461 610 093	OVERFLOW VALVE
9 411 610 122	CONNECTOR
9 461 610 194	CAMSHAFT
9 461 610 240	CONNECTOR
9 461 610 300	CONNECTOR
9 461 610 331	CONNECTOR

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Driving Shafts VE

**DRIVING SHAFTS &
VARIOUS TYPE PUMPS**

GEN. PART NO	PART DESCRIPTION
1 466 100 401	SHAFT VE
1 466 100 325	SHAFT VE
1 466 100 395	SHAFT VE
146200 - 0300	SHAFT VE
146515 - 2520	SHAFT VE
146510 - 1120	SHAFT VE
146515 - 2820	SHAFT VE
146515 - 2920	SHAFT VE
146515 - 2570	SHAFT VE
146515 - 2520	SHAFT VE
146810 - 4220	SHAFT VE
096450 - 0310	SHAFT VE
096450 - 0020	SHAFT VE
096450 - 0050	SHAFT VE
096450 - 0060	SHAFT VE
096450 - 0080	SHAFT VE
096450 - 0130	SHAFT VE
096450 - 0170	SHAFT VE
096450 - 0220	SHAFT VE
096450 - 0300	SHAFT VE
096450 - 0440	SHAFT VE
096450 - 0460	SHAFT VE
096450 - 0180	SHAFT VE

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Cam Plates VE

Cam Plates VE	
GEN. PART NO	PART DESCRIPTION
1 466 110 110	CAM PLATE VE
1 466 110 374	CAM PLATE VE
1 466 110 603	CAM PLATE VE
1 466 110 604	CAM PLATE VE
1 466 110 609	CAM PLATE VE
1 466 110 640	CAM PLATE VE
1 466 110 643	CAM PLATE VE
1 466 110 654	CAM PLATE VE
1 466 111 502	CAM PLATE VE
1 466 111 616	CAM PLATE VE
1 466 111 626	CAM PLATE VE
1 466 111 361	CAM PLATE VE
1 466 111 603	CAM PLATE VE
1 466 111 645	CAM PLATE VE
146220 - 0020	CAM PLATE VE
146220 - 0120	CAM PLATE VE
146220 - 0620	CAM PLATE VE
146220 - 0350	CAM PLATE VE
146220 - 0420	CAM PLATE VE
146220 - 0720	CAM PLATE VE
146220 - 2020	CAM PLATE VE
146220 - 4820	CAM PLATE VE
146220 - 5320	CAM PLATE VE
096230 - 0070	CAM PLATE VE
096230 - 0100	CAM PLATE VE

096230 - 0110	CAM PLATE VE
096230 - 0130	CAM PLATE VE
096230 - 0150	CAM PLATE VE
096230 - 0190	CAM PLATE VE
096230 - 0200	CAM PLATE VE
096230 - 0280	CAM PLATE VE
096230 - 0310	CAM PLATE VE
096230 - 0350	CAM PLATE VE
096230 - 0480	CAM PLATE VE
096230 - 0490	CAM PLATE VE
096230 - 0510	CAM PLATE VE
096230 - 0530	CAM PLATE VE

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**DPA / DPS / DPC /
DP200 Series Repair
Kits**

DPA / DPS / DPC / DP200 Series

GEN. PART NO	PART DESCRIPTION
5330-344	NUT
5330-362	NUT
5334-315	SCREW
5334-332	SCREW
5335-738 B	STUD
5335-738 C	STUD
5339-970	WASHER
5339-982	WASHER
5393-252 R	OIL SEAL
5393-252 U	OIL SEAL
5855-30	O'RING
5855-30 A	O'RING
5855-30 BB	O'RING
5855-30 BC	O'RING
5855-30 BR	O'RING
5855-30 DQ	O'RING
5855-30 DR	O'RING
5855 -30 EL	SHAFT SEAL
5855-30 K	O'RING
5936-124	WASHER
5936-124 A	WASHER
5936-177	GASKET
5950-34 C	O'RING

7008-131	CAP NUT
7008-147	NOZZLE CAP NUT
7008-187	NOZZLE CAP NUT
7008-187 C	NOZZLE CAP NUT
7008-187 E	NOZZLE CAP NUT
7008-187 G	NOZZLE CAP NUT
7008-187 H	NOZZLE CAP NUT
7008-187J	NOZZLE CAP NUT
7008-187 L	NOZZLE CAP NUT
7008-187 M	NOZZLE CAP NUT
7008-188	SCREW
7008-188 A	SCREW
7008-188 C	HOLLOW SCREW
7008-191	CAP NUT
7008-196	CAP NUT
7008-198	NOZZLE CAP NUT
7008-198 A	NOZZLE CAP NUT
7008-198 C	NOZZLE CAP NUT
7008-198D	NOZZLE CAP NUT
7008-198 E	NOZZLE CAP NUT
7008-215	CAP NUT
7008-226	CAP NUT
7008-328	CAP NUT
7008-328 A	CAP NUT
7008-328 B	CAP NUT
7008-334	NOZZLE CAP NUT
7008-335	CAP NUT
7008-34 C	CAP NUT
7008-35	SPRING CAP NUT
7008-35 G	SPRING CAP NUT
7008-35 H	SPRING CAP NUT
7008-394 B	NOZZLE CAP NUT

7008-429	CAP NUT
7008-429 B	CAP NUT
7008-429 C	CAP NUT
7008-443 H	NOZZLE CAP NUT
7008-443 K	NOZZLE CAP NUT
7008-443 L	NOZZLE CAP NUT
7008-443 N	NOZZLE CAP NUT
7008-443 P	NOZZLE CAP NUT
7008-443Q	NOZZLE CAP NUT
7008-454	NOZZLE CAP NUT
7008-461 A	SPRING CAP NUT
7008-461 C	SPRING CAP NUT
7008-461 D	SPRING CAP NUT
7008-461 E	SPRING CAP NUT
7008-462	CAP NUT
7008-462 A	CAP NUT
7008-462 B	CAP NUT
7008-493	CAP NUT
7008-519	SPRING CAP NUT
7008-519 A	SPRING CAP NUT
7008-519 B	SPRING CAP NUT
7008-520	CAP NUT
7008-520 C	CAP NUT
7008-537	CAP NUT
7008-540	SPRING CAP NUT
7008-552	NOZZLE CAP NUT
7008-557	NOZZLE CAP NUT
7008-559 A	SPRING CAP NUT
7008-559 D	SPRING CAP NUT
7008-559 E	SPRING CAP NUT
7008-559 F	SPRING CAP NUT
7008-571	NOZZLE CAP NUT

7008-572	NOZZLE CAP NUT
7008-59	CAP NUT
7008-654	CAP NUT
7008-654 A	CAP NUT
7008-660	CAP NUT
7008-706	SPRING CAP NUT
7008-707	CAP NUT
7008-712	CAP NUT
7008-712 A	CAP NUT
7008-732	SPRING CAP NUT
7008-745 B	CAP NUT
7008-746 B	SPRING CAP NUT
7008-75	NOZZLE CAP NUT
7008-751 A	SCREW
7008-75 A	NOZZLE CAP NUT
7008-75 D	NOZZLE CAP NUT
7008-764	CAP NUT
7008-768 A	CAP NUT

GEN. PART NO	PART DESCRIPTION
7008-809	CAP NUT
7008-825	CAP NUT
7008-864	NOZZLE CAP NUT
7008-885 A	INJECTOR BODY
7008-902	CAP NUT
7008-902 B	CAP NUT
7008-902 C	CAP NUT
7008-906	CAP NUT
7008-925 B	CAP NUT
7008-925 C	CAP NUT
7008-925 D	CAP NUT

7008-951	NOZZLE CAP NUT
7008-951 B	NOZZLE CAP NUT
7008-995	CAP NUT
7108-61	CAP NUT
7108-76	CAP NUT
7108-135	SCREW
7111-135 A	SCREW
7111-331	OUTLET PART
7111-379 C	OUTLET PART
7111-768	INLET PART
7111-775	OUTLET PART
7111-800	SCREW
7111-860	SCREW
7111-990	VALVE NO RETURN
7123-093 A	VALVE
7123-15 G	PISTON
7123-18 D	ROTOR
7123-18 E	ROTOR
7123-33	SPRING
7123-33 E	SPRING
7123-94 H	SPRING
7123-94 J	SPRING
7123-94 L	SPRING
7123-94Q	SPRING
7123-287	GASKET
7123-299 B	MET.VALVE
7123-299 D	MET.VALVE
7123-299 P	MET.VALVE
7123-308 D	CAM RING
7123-308 E	CAM RING
7123-308 F	CAM RING
7123-308 N	CAM RING

7123-308 S	CAM RING
7123-309 C	CAM RING
7123-309 D	CAM RING
7123-309 E	CAM RING
7123-309 M	CAM RING
7123-309 Q	CAM RING
7123-309 R	CAM RING
7123-339	STUD
7123-351 B	SCREW
7123-352 B	SCREW
7123-358 G	CAM RING
7123-388	BLADE
7123-423 C	CAM RING
7123-432	RETAINER
7123-453 E	COMP.SPRING
7123-490	MET.VALVE
7123-490 B	MET.VALVE
7123-515 A	JOINT
7123-527	STUD
7123-549	HUB
7123-600	WASHER
7123-620	FILTER
7123-630 A	PLATE
7123-657 B	SHAFT
7123-691	SEAL
7123-701	WASHER
7123-726	STOP SHAFT
7123-770	SHAFT
7123-770 A	SHAFT
7123-770 C	SHAFT
7123-770 D	SHAFT
7123-781	MET.VALVE

7123-888	COVER
7123-898 H	SPRING
7123-898J	SPRING
7123-898 Y	SPRING
7123-914 E	WEIGHT
7123-914 G	WEIGHT
7123-930	CAM RING
7123-930	MET.VALVE
7123-930 B	MET.VALVE
7123-937(7180-450)	JOINT
7123-963 M	CAM RING
7123-975	SCREW
7123-980	HUB
7133-31 C	SCREW
7133-37	SCREW
7135-72	ROLLER
7135-73 A	ADJ.PLATE
7135-76 AC	GOV.BRACKET
7135-78 D	COVER KIT
7135-108	STEEL BLADE KIT
7135-180	END PLATE
7135-181	END PLATE
7135-243	ARM KIT
7139-43	SEAL
7139-85 D	CAM RING

GEN. PART NO	PART DESCRIPTION
7174-623 C	PLUG
7174-828 T	SHAFT
7177-38A	OIL SEALDPS
7177-209	WEIGHT DPS
7177-419 C	PLUNGER

7177-421B	SPRING
7180-049	SOLENOID 24V.
7180-28 B	CAM RING
7180-94	CAM RING
7180-263 A	CAM RING
7180-450(7123-937)	GASKET
7182-23	SCREW
7182-25	ADAPTER
7182-30B	SCREW DPS
7182-31	SCREW PIVOT
7182-42	FUEL CONNECTION
7182-145	PIN GUIDE
7182-231 A	SCREW ADJ.
7182-275 A	VALVE RELIEF
7182-298	LINKAGE
7182-315	VALVE BODY
7182-378	LEVER ASSY.
7182-379	LINKAGE
7182-460 A	MET.VALVE
7182-580A	DIAPHRAGMDPS
7182-620 A	MET.VALVE
7182-620 B	MET.VALVE
7182-620 C	MET.VALVE
7182-620 D	MET.VALVE
7182-620 G	MET.VALVE
7182-621 A	MET.VALVE
7182-621 B	MET.VALVE
7182-621 C	MET.VALVE
7182-621 D	MET.VALVE
7182-621 E	MET.VALVE
7182-621 J	MET.VALVE
7182-980 A	MET.VALVE

7998-307 A	NOZZLE CAP NUT
9101-081	WEIGHT KITDPC
9002-093 A	PLUG
9002-290	MET.VALVE
9003-611 G	CAM RING
9003-691	CAM RING
9003-699 G	CAM RING
9003-700 C	CAM RING
9003-703	CAM RING
9007-688 L	HOLDER
9007-688 N	HOLDER
9008-735 A	PIN FOR NOZZLE HOLDER
9008-737	CAP NUT
9008-742	NOZZLE CAP NUT
9008-743	NOZZLE CAP NUT
9008-743 A	NOZZLE CAP NUT
9008-745	CAP NUT
9008-745C	CAP NUT
9008-746	SPRING CAP NUT
9008-746 A	SPRING CAP NUT
9008-747	NOZZLE CAP NUT
9008-751	NOZZLE CAP NUT
9008-751 D	NOZZLE CAP NUT
9008-752 A	CAP NUT
9008-044	BOLT BANJO
9009-041	SOLENOID 12V.
9100-178 W	THROT.SHAFT DPC
9100-228	MET.VALVE
9100-574	LINER & BLADE KIT DPC
9100-993	LINER & BLADE KIT DPC
9101-006	SHAFT DPC
9101- 088A	FEED PUMPNBR

9101-956	FUEL CONNECTION
9101-167	CAP SPRING
9101-191	NON RETURN VALVE
9107-403 A	H&R SEAL
9108 - 147 C	ELECTR. SELENOID DPC
9108-152 A	ELECTR. SELENOID DPC
9108-153 A	ELECTR. SELENOID DPC
9109-262	STOP SELENOIDDPC
9109-025	BEARING KITDPC
9171-27	NOZZLE CAP NUT
9171-36	NOZZLE CAP NUT
9171-72	NOZZLE CAP NUT
9171-124	NOZZLE CAP NUT
9171-144	NOZZLE CAP NUT
9171-146	NOZZLE CAP NUT

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Minimec (Simms)

Type Repair Kits

INLINE -SIMMS (MINIMEC)**TypeParts**

GEN. PART NO	PART DESCRIPTION
1007	PIPES
22159	OIL SEAL
22159 S(SPECIAL)	OIL SEAL (2 SIDED)
22237	BUSH
23330	BUSH
23368	VALVE
23374	GUIDE
23959	BUSH
24055	PIPES
24505	D/V WASHER
25865	BUSH
25882	DEL VALVE HOLDER
25883	SPRING
25886-7-8	COMP.ROLLER
25889	TAPPET
25902	DISC
25903	DISC
25904	DISC
25906	DISC
25907	DISC
25908	DISC
25909	DISC
25910	DISC
26206	GUIDE
26213	HOUSING
26215	SHAFT
26218	DIAPHRAGM

26219	VALVE
26236	HOUSING
26280	COVER
26517	LEVER
26520	ROD
26526	SHAFT
27572	SCREW
81995	CONNECTOR
82580	CAP NUT
84055	DELIVERY VALVE
87853	SCREW

GEN. PART NO	PART DESCRIPTION
89055	PLUG
101368	CLIP
126067/7	SEAL
500080	SHAFT
500082	HOLDER
500113	SCREW
500118	SCREW
500119	PAD
500120	BEARING
500494	SHAFT
500495	SHAFT
500566	SHAFT
500541	PLUG
500745	GOV.WEIGHT
500750	BOLT
501061	SHAFT
501112	PLATE
501114	PLUG

501118	WASHER
501319	BOLT
501462	SHAFT
501465	SHAFT
501481	PLATE
501527	PIN
501565	PIN
501838	COVER
501849	BUSH
501882	SHAFT
501888	ADAPTOR
501907	SHAFT
501909	SPRING
501910	SPRING
501913	PIN
502130	DELIVERY VALVE
502654	COVER
502661	COVER
502978	PIN
503195	SPRING
503700	DEL VALVE HOLDER
503708	CAMSAFT
504425	DELIVERY VALVE
504661	DELIVERY VALVE
506674	D/V WASHER
506747	BUSH
506749	BUSH

GEN. PART NO	PART DESCRIPTION
507468-1	DELIVERY VALVE
507500	DELIVERY VALVE
507504-1	DELIVERY VALVE
507506	DELIVERY VALVE

507515	DELIVERY VALVE
508013	STOP LEVER
508200	ROLLER
508476-3	DEL VALVE HOLDER
508536	LEVER
508874	PIN
512505/65	ELEMENT
512506/53	ELEMENT
512506/65	ELEMENT
512506/72	ELEMENT
512686	CAGE
513236	BUSH
513250	WEIGHT
513261	TAPPET ASSY
513279	BEARING
514585	CAGE
514714	ADAPTOR
514812	CAMSHAFT
514832	SHAFT
514870	DIAPHRAGM
515246 / 61	ELEMENT
515372/5	SPRING
SPGE 6A	GASKET KIT
SPGE 6M	GASKET KIT

9

Plungers

Plungers (ELEMENTS)ATypes		
GEN PART NO	TYPE	PART DESCRIPTION
1 418 305 004		Element Type A
1 418 305 518		Element Type A
1 418 305 525		Element Type A
1 418 305 528		Element Type A
1 418 305 540		Element Type A
1 418 320 045		Element Type A
1 418 320 046		Element Type A
1 418 321 058		Element Type A
1 418 321 059		Element Type A
1 418 325 000		Element Type A
1 418 325 002		Element Type A
1 418 325 005		Element Type A
1 418 325 007		Element Type A
1 418 325 008		Element Type A
1 418 325 021		Element Type A
1 418 325 022		Element Type A
1 418 325 023		Element Type A
1 418 325 024		Element Type A
1 418 325 028		Element Type A
1 418 325 039		Element Type A
1 418 325 040		Element Type A
1 418 325 045		Element Type A

1 418 325 089		Element Type A
1 418 325 095		Element Type A
1 418 325 096		Element Type A
1 418 325 102		Element Type A
1 418 325 103		Element Type A
1 418 325 128		Element Type A
1 418 325 138		Element Type A
1 418 325 142		Element Type A
1 418 325 145		Element Type A
1 418 325 156		Element Type A
1 418 325 157		Element Type A
1 418 325 158		Element Type A
1 418 325 159		Element Type A
1 418 325 160		Element Type A
1 418 325 162		Element Type A
1 418 325 163		Element Type A
1 418 325 170		Element Type A
1 418 325 188		Element Type A
1 418 325 421		Element Type A
1 418 325 895		Element Type A
1 418 325 898		Element Type A
1 418 325 95		Element Type A
1 418 325 138		Element Type A
1 418 340 000		Element Type A
1 418 340 003		Element Type A
1 418 375 170		Element Type A
1 418 405 002		Element Type A
1 418 405 004		Element Type A
1 418 405 005		Element Type A
1 418 421 021		Element Type A
1 418 421 024		Element Type A
1 418 421 028		Element Type A

1 418 421 039		Element Type A
1 418 425 004		Element Type A
1 418 425 005		Element Type A
1 418 425 006		Element Type A
1 418 425 007		Element Type A
1 418 425 009		Element Type A
1 418 425 016		Element Type A
1 418 425 018		Element Type A
1 418 425 051		Element Type A
1 418 425 064		Element Type A
1 418 425 081		Element Type A
1 418 425 089		Element Type A
1 418 425 094		Element Type A
1 418 425 099		Element Type A
1 418 425 107		Element Type A
1 418 425 112		Element Type A
1 418 425 125		Element Type A
1 418 425 126		Element Type A
1 418 425 201		Element Type A
1 418 450 003		Element Type A
1 418 450 005		Element Type A
2 418 455 009		Element Type A

Plungers (ELEMENTS)ATypes		
GEN PART NO	TYPE	PART DESCRIPTION
2 418 455 081		Element Type A
3 418 301 003		Element Type A
3 418 303 005		Element Type A
3 418 305 004		Element Type A
3 418 305 009		Element Type A
3 418 401 007		Element Type A
3 418 403 005		Element Type A

3 418 405 003		Element Type A
3 418 405 004		Element Type A
3 418 405 005		Element Type A
3 418 405 011		Element Type A
9 401 083 583		Element Type A
9 411 038 349		Element Type A
9 411 038 354	A44	Element Type A
9 411 038 355	0-3	Element Type A
9 411 038 361	A38	Element Type A
9 411 038 363	A85	Element Type A
9 411 038 365	0-6	Element Type A
9 411 038 390	A29	Element Type A
9 411 038 399	A43	Element Type A
9 411 038 429	44N1	Element Type A
9 411 038 448	A54	Element Type A
9 411 038 485	2550	Element Type A
9 411 080 038		Element Type A
9 411 080 083		Element Type A
9 411 080 087		Element Type A
9 411 203 412		Element Type A
9 411 230 421		Element Type A
9 412 038 306	A89	Element Type A
9 412 038 309	A74	Element Type A
9 412 038 318	A78	Element Type A
9 412 038 320	A52	Element Type A
9 412 038 323	A146	Element Type A
9 412 038 350	A120	Element Type A
9 412 038 353	A125	Element Type A
9 412 038 423	A30	Element Type A
9 412 070 043		Element Type A
9 412 270 052		Element Type A
090150-0600	0-6	Element Type A

090150-0680	44N1	Element Type A
090150-1820	A38	Element Type A
090150-2140	2140R	Element Type A
090150-2220	A36	Element Type A
090150-2340	A29	Element Type A
090150-2350	A2	Element Type A
090150-2360	A30	Element Type A
090150-2370	A17	Element Type A
090150-2550	2550	Element Type A
090150-2800	A15	Element Type A
090150-3050	3050	Element Type A
090150-3340	A44	Element Type A
090150-3370	0-3	Element Type A
090150-3700	A85	Element Type A
090150-3800	0-4	Element Type A
090150-5230	A120	Element Type A
090150-5600	A92	Element Type A
090150-5610	A162	Element Type A
090150-6010	A125	Element Type A
103200-5110	G-2	Element Type A
105170-51100	N5	Element Type A
105500-51100	N4	Element Type A
105570-51601	N8	Element Type A
105700-51100	N9	Element Type A
105590-51100	E8	Element Type A
124950-51100	A1	Element Type A
131101-0120	A2	Element Type A
131101-3520	44N1	Element Type A
131101-6920	0-3	Element Type A
131101-7020	0-4	Element Type A
131101-7220	0-6	Element Type A
131101-7520	0-9	Element Type A

131101-8120		Element Type A
131101-8220		Element Type A
131101-8720	A2	Element Type A
131101-9325	A8	Element Type A
131101-9420	A9	Element Type A
131101-9920	A14	Element Type A
131102-0020	A15	Element Type A

Plungers (ELEMENTS)ATypes		
GEN PART NO	TYPE	PART DESCRIPTION
131150-0620	A794	Element Type A
131150-2420	A812	Element Type A
131150-2620	A814	Element Type A
131150-3320	A821	Element Type A
131150-3900	A827	Element Type A
131151-0120	A17	Element Type A
131151-1220	A28	Element Type A
131151-1320	A29	Element Type A
131151-1420	A30	Element Type A
131151-1720	A33	Element Type A
131151-2020	A36	Element Type A
131151-2220	A38	Element Type A
131151-2320	A39	Element Type A
131151-2720	A43	Element Type A
131151-3220	A44	Element Type A
131151-3620	A51	Element Type A
131151-3720	A52	Element Type A
131151-3920	A54	Element Type A
131151-4720	A63	Element Type A
131151-5120	A67	Element Type A
131151-5820	A74	Element Type A
131151-6220	A78	Element Type A

131151-6320	A79	Element Type A
131151-6920	A85	Element Type A
131151-7320	A89	Element Type A
131151-7620	A92	Element Type A
131151-8020	A97	Element Type A
131151-8120	A98	Element Type A
131151-8620	A103	Element Type A
131151-9720	A115	Element Type A
131151-9820	A117	Element Type A
131152-0020	A122	Element Type A
131152-0120	A120	Element Type A
131152-0320	A125	Element Type A
131152-1220	A136	Element Type A
131152-1420	A138	Element Type A
131152-1920	A144	Element Type A
131152-2120	A146	Element Type A
131152-2220	A148	Element Type A
131152-2320	A149	Element Type A
131152-3020	A157	Element Type A
131152-3120	A158	Element Type A
131152-3320	A160	Element Type A
131152-3420	A161	Element Type A
131152-3520	A162	Element Type A
131152-4020	A168	Element Type A
131152-4320	A172	Element Type A
131152-4520	A174	Element Type A
131152-5220	A182	Element Type A
131152-5320	A183	Element Type A
131152-5520	A186	Element Type A
131152-5620	A188	Element Type A
131152-5720	A191	Element Type A
131152-6820	A204	Element Type A

131152-7520	A214	Element Type A
131152-8020	A220	Element Type A
131152-8220	A125	Element Type A
131152-8320	A223	Element Type A
131152-8520	A226	Element Type A
131152-9120	A233	Element Type A
131152-9320	A235	Element Type A
131152-9600	A238	Element Type A
131153-0520	A147	Element Type A
131153-0820	A170	Element Type A
131153-1020	A185	Element Type A
131153-1220	A196	Element Type A
131153-1620	A213	Element Type A
131153-1720	A216	Element Type A
131153-2020	A228	Element Type A
131153-2220	A701	Element Type A
131153-3830	A748	Element Type A
131153-4320	A722	Element Type A
131153-4520	A724	Element Type A
131153-5020	A729	Element Type A
131153-5220	A731	Element Type A
131153-5320	A792	Element Type A
131153-6120	A740	Element Type A
131153-6220	A741	Element Type A
131153-6520	A744	Element Type A
131153-7920	A758	Element Type A
131153-8620	A765	Element Type A
131153-8920	A768	Element Type A

Plungers (ELEMENTS)ATypes		
GEN PART NO	TYPE	PART DESCRIPTION
131153-9120	A770	Element Type A

131153-9220	A771	Element Type A
131153-9320	A772	Element Type A
131153-9700	A776	Element Type A
131153-9920	A778	Element Type A
131154-0520	A247	Element Type A
131154-1820	A260	Element Type A
131154-2120	A263	Element Type A
131154-2220	A264	Element Type A
131154-3220	A274	Element Type A
131154-3920	A281	Element Type A
131154-4320	A294	Element Type A
132151-0120	U922	Element Type A
131151-0520	U923	Element Type A
133151-7420	Z71	Element Type A
138101-0920	255-0	Element Type A
150300-51100	N3	Element Type A
F 002 B10 000	A160	Element Type A
F 002 B10 015	A162	Element Type A
F 002 B10 016	A701	Element Type A
F 002 B10 546	A138	Element Type A

Plungers (ELEMENTS) P TYPES		
GEN PART NO	TYPE	PART DESCRIPTION
1 418 325 503		Element Type P
1 418 455 005		Element Type P
2 418 305 004		Element Type P
2 418 305 007		Element Type P
2 418 450 000		Element Type P

2 418 450 002		Element Type P
2 418 450 003		Element Type P
2 418 450 004		Element Type P
2 418 450 005		Element Type P
2 418 450 011		Element Type P
2 418 450 017		Element Type P
2 418 450 022		Element Type P
2 418 450 025		Element Type P
2 418 450 029		Element Type P
2 418 450 032		Element Type P
2 418 450 034		Element Type P
2 418 450 037		Element Type P
2 418 450 067		Element Type P
2 418 450 069		Element Type P
2 418 450 070		Element Type P
2 418 450 081		Element Type P
2 418 450 104		Element Type P
2 418 450 112		Element Type P
2 418 450 114		Element Type P
2 418 450 116		Element Type P
2 418 455 000		Element Type P
2 418 455 002		Element Type P
2 418 455 012		Element Type P
2 418 455 016		Element Type P
2 418 455 017		Element Type P
2 418 455 022		Element Type P
2 418 455 029		Element Type P
2 418 455 030		Element Type P
2 418 455 032		Element Type P
2 418 455 034		Element Type P
2 418 455 037		Element Type P
2 418 455 040		Element Type P

2 418 455 044		Element Type P
2 418 455 049		Element Type P
2 418 455 054		Element Type P
2 418 455 055		Element Type P
2 418 455 063		Element Type P
2 418 455 067		Element Type P
2 418 455 069		Element Type P
2 418 455 070		Element Type P
2 418 455 071		Element Type P
2 418 455 072		Element Type P
2 418 455 073		Element Type P
2 418 455074		Element Type P
2 418 455 083		Element Type P
2 418 455 090		Element Type P
2 418 455 091		Element Type P
2 418 455 095		Element Type P
2 418 455 097		Element Type P
2 418 455 116		Element Type P
2 418 455 118		Element Type P
2 418 455 143		Element Type P
2 418 455 216		Element Type P
2 418 455 226		Element Type P
2 418 455 229		Element Type P
2 418 455 237		Element Type P
2 418 455 342		Element Type P
2 418 455 367		Element Type P
2 418 455 402		Element Type P
2 418 455 406		Element Type P
2 418 455 518		Element Type P
2 418 455 565	P48	Element Type P
9 401 087 506		Element Type P
9 412 038 401	P4	Element Type P

9 412 038 402	P6	Element Type P
9 412 038 403	P3	Element Type P
9 412 038 404	P30	Element Type P

Plungers (ELEMENTS) P TYPES		
GEN PART NO	TYPE	PART DESCRIPTION
9 412 038 405	P25	Element Type P
9 412 038 406	P2	Element Type P
9 412 038 415	P74	Element Type P
9 433 010 074		Element Type P
090150-2330	P6	Element Type P
090150-2530	P3	Element Type P
090150-2770	P4	Element Type P
090150-3460	P2	Element Type P
090150-3630	P25	Element Type P
103854-51100	D7	Element Type P
121850-51100	B1	Element Type P
122810-51100	D3	Element Type P
123110-51100	D2	Element Type P
125810-51100	G6	Element Type P
130101-1320	K65	Element Type P
134101-1420	P2	Element Type P
134101-1520	P3	Element Type P
134101-1620	P4	Element Type P
134101-1820	P6	Element Type P
134101-3820	P25	Element Type P
134101-4120	P27	Element Type P
134101-4420	P30	Element Type P
134101-4520	P31	Element Type P
134101-5220	P38	Element Type P
134101-6120	P44	Element Type P
134101-6120	P47	Element Type P

134101-6820	P48	Element Type P
134101-6420	P49	Element Type P
134101-6620	P51	Element Type P
134101-7120	P55	Element Type P
134101-8720	P70	Element Type P
134101-9120	P74	Element Type P
134101-9620	P78	Element Type P
134151-0120	P83	Element Type P
134151-0220	P84	Element Type P
134151-0420	P86	Element Type P
134151-1120	P93	Element Type P
134151-1220	P94	Element Type P
134151-2220	P103	Element Type P
134151-2320	P104	Element Type P
134151-2420	P105	Element Type P
134151-2920	P109	Element Type P
134151-3220	P112	Element Type P
134151-3420	P114	Element Type P
134151-4120	P121	Element Type P
134151-5100	P131	Element Type P
134151-6420	P143	Element Type P
134151-6620	P145	Element Type P
134151-6720	P146	Element Type P
134151-8520	P165	Element Type P
134151-8920	P169	Element Type P
134151-9720	P177	Element Type P
134152-1220	P192	Element Type P
134152-1920	P199	Element Type P
134152-2200	P202	Element Type P
134152-2500	P205	Element Type P
134152-2720	P207	Element Type P
134152-3520	P215	Element Type P

134152-4320	P223	Element Type P
134152-4820	P228	Element Type P
134152-4920	P229	Element Type P
134152-6920	P249	Element Type P
134152-7220	P252	Element Type P
134152-8820	P268	Element Type P
134153-1320	P295	Element Type P
134153-1620	P298	Element Type P
134153-2420	P305	Element Type P
134153-3320	P314	Element Type P
134153-3620	P317	Element Type P
134153-4120	P322	Element Type P
134153-6020	P341	Element Type P
134153-6620	P347	Element Type P

Plungers (ELEMENTS) MW TYPES		
GEN PART NO	TYPE	PART DESCRIPTION
1 418 415 066		Element Type MW
1 418 415 082		Element Type MW
1 418 415 118		Element Type MW
1 418 415 545		Element Type MW
Plungers (ELEMENTS) PS TYPES		
1 418 415 051		Element Type PS
1 418 415 065		Element Type PS
1 418 415 066		Element Type PS
1 418 415 070		Element Type PS
1 418 415 082		Element Type PS
1 418 415 083		Element Type PS
1 418 415 087		Element Type PS

1 418 415 114		Element Type PS
1 418 415 118		Element Type PS
1 418 415 545		Element Type PS
Plungers (ELEMENTS) PS TYPES		
1 418 415 546		Element Type PS
2 418 455 122		Element Type PS
2 418 455 128		Element Type PS
2 418 455 129		Element Type PS
2 418 455 130		Element Type PS
Plungers (ELEMENTS) PS TYPES		
2 418 455 134		Element Type PS
2 418 455 136		Element Type PS
2 418 455 146		Element Type PS
2 418 455 149		Element Type PS
2 418 455 152		Element Type PS
2 418 455 161		Element Type PS
2 418 455 165		Element Type PS
2 418 455 181		Element Type PS
2 418 455 182		Element Type PS
2 418 455 196		Element Type PS
2 418 455 202		Element Type PS
2 418 455 309		Element Type PS
2 418 455 310		Element Type PS
2 418 455 324		Element Type PS
2 418 455 325		Element Type PS
2 418 455 333		Element Type PS

2 418 455 338		Element Type PS
2 418 455 351		Element Type PS
2 418 455 354		Element Type PS
2 418 455 356		Element Type PS
2 418 455 369		Element Type PS
2 418 455 501		Element Type PS
2 418 455 512		Element Type PS
2 418 455 544		Element Type PS
2 418 455 714		Element Type PS
2 418 455 988		Element Type PS
131101-0620	53	Element Type PS
131101-0920	7520	Element Type PS
134130-8620	PD-3	Element Type PS

Plungers (ELEMENTS) PN TYPES		
GEN PART NO	TYPE	PART DESCRIPTION
9 411 038 330	037/1	Element Type PN
9 411 038 348	0-4	Element Type PN
9 411 038 358	115/1	Element Type PN
9 411 038 359	075/1	Element Type PN
9 411 038 360	126/1	Element Type PN
9 411 038 397	3640	Element Type PN
9 411 038 477	2610	Element Type PN
9 411 038 479	3050	Element Type PN
9 411 038 480	333-0	Element Type PN
9 411 038 481	2600	Element Type PN
9 411 038 484	2140R	Element Type PN
9 411 038 498	185-8R	Element Type PN
9 412 038 300	221-0	Element Type PN
9 412 038 321	1847	Element Type PN
9 412 038 338	1790	Element Type PN

9 412 038 354	1360	Element Type PN
090105-3640	3640	Element Type PN
090150-0030	185-8R	Element Type PN
090150-0270		Element Type PN
090150-0340	8209	Element Type PN
090150-0360	1847	Element Type PN
090150-0411	037/1	Element Type PN
090150-0863	075/1	Element Type PN
090150-0900	79	Element Type PN
090150-1161	1021	Element Type PN
090150-1431	126/1	Element Type PN
090150-1521	115/1	Element Type PN
090150-1531	1341	Element Type PN
090150-1540	1360	Element Type PN
090150-1570	1570	Element Type PN
090150-1790	1790	Element Type PN
090150-2210	2210	Element Type PN
090150-2280	2280	Element Type PN
190150-2600	2600	Element Type PN
090150-2610	2610	Element Type PN
090150-2700	2700	Element Type PN
090150-2990	2990	Element Type PN
090150-3250	3250	Element Type PN
090150-3252	3252	Element Type PN
090150-3253	3253	Element Type PN
090150-3330	3330	Element Type PN
090150-4300	4300	Element Type PN
090150-4560	4560	Element Type PN
090150-4590	4590	Element Type PN
090150-4610	4610	Element Type PN
090150-4660	4660	Element Type PN
090150-4661	4661	Element Type PN

090150-4810	4810	Element Type PN
090150-4833	4833	Element Type PN
090150-4840	4840	Element Type PN
090150-4970	4970	Element Type PN
090150-4972	4972	Element Type PN

Plungers (ELEMENTS) PN TYPES		
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GEN PART NO	TYPE	PART DESCRIPTION
090150-5681	5681	Element Type PN
090150-5683	5683	Element Type PN
131101-0720	1847	Element Type PN
138101-1220	228-0	Element Type PN
138101-1320	221-0	Element Type PN
138101-1420	157-0	Element Type PN

Plungers (ELEMENTS) PN TYPES		
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137101-2020	299-0	Element Type PN
138101-2220	333-0	Element Type PN

Plungers (ELEMENTS) K TYPES		
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9 411 038 391	K14	Element Type K
9 412 038 302	K15	Element Type K
9 412 038 352	K153	Element Type K
9 411 038 389	K16	Element Type K
140151-1820	K14	Element Type K
140151-1920	K15	Element Type K
140151-2020	K16	Element Type K
140151-6420	K49	Element Type K
140153-4120	K153	Element Type K
140153-4220	K154	Element Type K
140153-4320	K155	Element Type K

Plungers (ELEMENTS) B TYPES		
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XY10B20		Element Type B
XY9B20		Element Type B

XY11B20		Element Type B
XY8B20		Element Type B
XZ8B28		Element Type B
XY9B20		Element Type B
XY115B20		Element Type B
XY12B20		Element Type B
Plungers (ELEMENTS) BQ TYPES		
XZ6BQ41		Element Type BQ
XZ65BQ39		Element Type BQ
XZ7BQ37		Element Type BQ
XZ75BQ35		Element Type BQ
XZ8BQ33		Element Type BQ
XZ 85BQ32		Element Type BQ
XZ9BQ30		Element Type BQ

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DELIVERY VALVES

Delivery ValvesTypeA		
GEN PART NO	TYPE	PART DESCRIPTION
1 418 522 047	02A	Delivery ValveType A
1 468 522 001		Delivery ValveType A
1 468 522 273		Delivery ValveType A
1 468 522 278		Delivery ValveType A
1 468 532 224		Delivery ValveType A
1 468 532 225		Delivery ValveType A
1 468 532 246		Delivery ValveType A
9 411 038 572	50S5	Delivery ValveType A
9 411 038 580	A33	Delivery ValveType A
9 411 038 584	A32	Delivery ValveType A
9 411 038 585	A26	Delivery ValveType A
9 411 038 586	A28	Delivery ValveType A
9 411 038 594	A20	Delivery ValveType A
9 411 038 598	A9	Delivery ValveType A
9 412 038 521	161S1	Delivery ValveType A
9 412 038 526	OO90	Delivery ValveType A
9 412 038 548	A59	Delivery ValveType A
9 412 038 553	A45	Delivery ValveType A
9 412 038 556	A79	Delivery ValveType A
9 412 038 559	A58	Delivery ValveType A
9 412 038 583	161S2	Delivery ValveType A
9 412 038 585	A3	Delivery ValveType A
9 412 038 595	A49	Delivery ValveType A
9 413 038 534	A86	Delivery ValveType A
131110-0320	50S5	Delivery ValveType A
131110-0520	161S1	Delivery ValveType A
131110-0620	161S2	Delivery ValveType A
131110-2320	A3	Delivery ValveType A
131110-2520	A5	Delivery ValveType A

131110-2820	A8	Delivery ValveType A
131110-2920	A9	Delivery ValveType A
131110-3020	A10	Delivery ValveType A
131110-3920	A20	Delivery ValveType A
131110-4220	A23	Delivery ValveType A
131110-4320	A24	Delivery ValveType A
131110-4520	A26	Delivery ValveType A
131110-4620	A27	Delivery ValveType A
131110-4720	A28	Delivery ValveType A
131110-5020	A31	Delivery ValveType A
131110-5120	A32	Delivery ValveType A
131110-5220	A33	Delivery ValveType A
131110-5320	A35	Delivery ValveType A
131110-5520	A36	Delivery ValveType A
131110-5920	A40	Delivery ValveType A
131110-6220	A43	Delivery ValveType A
131110-6420	A45	Delivery ValveType A
131110-6820	A49	Delivery ValveType A
131110-7620	A57	Delivery ValveType A
131110-7720	A58	Delivery ValveType A
131110-7820	A59	Delivery ValveType A
131110-8020	A61	Delivery ValveType A
131110-8820	A69	Delivery ValveType A
131110-9020	A71	Delivery ValveType A
131110-9120	A72	Delivery ValveType A
131110-9320	A74	Delivery ValveType A
131110-9420	A75	Delivery ValveType A
131110-9820	A79	Delivery ValveType A
131160-0320	A84	Delivery ValveType A
131160-0420	A85	Delivery ValveType A
131160-0520	A86	Delivery ValveType A
131160-0620	A87	Delivery ValveType A

131160-1120	A92	Delivery ValveType A
131160-1920	02A	Delivery ValveType A
131160-2220	05A	Delivery ValveType A
131160-2420	07A	Delivery ValveType A
131160-2620	09A	Delivery ValveType A
131160-2720	10A	Delivery ValveType A
131160-2920	12A	Delivery ValveType A
131160-3120	15A	Delivery ValveType A
131160-3600	19A	Delivery ValveType A
131160-3620	20A	Delivery ValveType A
131160-4020	24A	Delivery ValveType A
131160-4420	30A	Delivery ValveType A
131160-4620	32A	Delivery ValveType A
131160-5120	37A	Delivery ValveType A
131160-5320	39A	Delivery ValveType A
131160-5820	44A	Delivery ValveType A
138110-0420	13A	Delivery ValveType A

Delivery ValvesTypeA		
GEN PART NO	TYPE	PART DESCRIPTION
146403-3220		Delivery ValveType A
146430-0020	VE1	Delivery ValveType A
146430-0120		Delivery ValveType A
146430-0320		Delivery ValveType A
146430-1220		Delivery ValveType A
146430-1420	VE15	Delivery ValveType A
146430-1920		Delivery ValveType A
146430-2120		Delivery ValveType A
146430-2420		Delivery ValveType A
146430-3220		Delivery ValveType A
146430-3320		Delivery ValveType A
146430-3420		Delivery ValveType A

146430-3920		Delivery ValveType A
146430-4120		Delivery ValveType A
146430-4820		Delivery ValveType A
146430-5520		Delivery ValveType A
146430-5920		Delivery ValveType A
146430-6120		Delivery ValveType A
146430-6220		Delivery ValveType A
146430-6620		Delivery ValveType A
090140-0010	50S5	Delivery ValveType A
090140-0021	161S1	Delivery ValveType A
090140-0061	161S2	Delivery ValveType A
090140-0220	A3	Delivery ValveType A
090140-0700	13A	Delivery ValveType A
090140-0780	A28	Delivery ValveType A
090140-1000	A20	Delivery ValveType A
090140-1520	A33	Delivery ValveType A
090140-1530	A9	Delivery ValveType A
090140-2350	A86	Delivery ValveType A
090140-2400	A58	Delivery ValveType A
096420-0050		Delivery ValveType A
096420-0090	OO90	Delivery ValveType A
096420-0120		Delivery ValveType A
096420-0291		Delivery ValveType A
096420-0500		Delivery ValveType A
096420-0510		Delivery ValveType A
096420-0520		Delivery ValveType A
096420-0530		Delivery ValveType A
096420-0550		Delivery ValveType A
096420-0590		Delivery ValveType A
096420-0610		Delivery ValveType A
096420-0650		Delivery ValveType A

Delivery Valves Type P

GEN PART NO	TYPE	PART DESCRIPTION
1 468 502 003	OVE167	Delivery Valve Type P
1 418 502 015		Delivery Valve Type P
1 418 502 018		Delivery Valve Type P
1 418 502 203	102-208	Delivery Valve Type P
1 418 522 002		Delivery Valve Type P
1 418 522 005	505	Delivery Valve Type P
1 418 522 009	OVE24	Delivery Valve Type P
1 418 522 011	OVE22	Delivery Valve Type P
1 418 522 018	OVE10	Delivery Valve Type P
1 418 522 019	OVE96	Delivery Valve Type P
1 418 522 055	OVE173	Delivery Valve Type P
1 418 522 057		Delivery Valve Type P
1 418 522 201	LYF14	Delivery Valve Type P
1 418 542 008		Delivery Valve Type P
1 418 542 018		Delivery Valve Type P
1 418 552 003		Delivery Valve Type P
1 418 552 206	206	Delivery Valve Type P
1 468 552 247	247	Delivery Valve Type P
2 418 522 007		Delivery Valve Type P
2 418 522 027	OVE223	Delivery Valve Type P
2 418 522 047		Delivery Valve Type P
2 418 522 065		Delivery Valve Type P

2 418 522 533		Delivery Valve Type P
2 418 552 001	OVE169	Delivery Valve Type P
2 418 552 003	OVE162	Delivery Valve Type P
2 418 552 005	OVE157	Delivery Valve Type P
2 418 552 007	OVE159	Delivery Valve Type P
2 418 552 015	LYF95	Delivery Valve Type P
2 418 552 027	27	Delivery Valve Type P
2 418 552 027		Delivery Valve Type P
2 418 552 055		Delivery Valve Type P
2 418 552 057		Delivery Valve Type P

Delivery Valves Type P		
GEN PART NO	TYPE	PART DESCRIPTION
2 418 552 065	052-265	Delivery Valve Type P
2 418 552 069	SI-9002	Delivery Valve Type P
2 418 552 101		Delivery Valve Type P
2 418 552 103		Delivery Valve Type P
2 418 552 151	5215	Delivery Valve Type P
2 418 554 001	LYG93	Delivery Valve Type P
2 418 554 035	054-035	Delivery Valve Type P
2 418 554 039	054-039	Delivery Valve Type P
2 418 554 045	LYF94	Delivery Valve Type P
2 418 554 047	SI-9003	Delivery Valve Type P
2 418 554 063	LYF15	Delivery Valve Type P
2 418 554 065		Delivery Valve Type P
2 418 554 067		Delivery Valve Type P
2 418 554 069		Delivery Valve Type P
2 418 559 045	05F221	Delivery Valve Type P
9 412 038 532	86	Delivery Valve Type P
9 412 038 592	B	Delivery Valve Type P

9 412 038 598	P4	Delivery Valve Type P
9 413 038 501	P13	Delivery Valve Type P
9 413 038 548	VE15	Delivery Valve Type P
134110-0120	P1	Delivery Valve Type P
134110-0220	P2	Delivery Valve Type P
134110-0420	P3	Delivery Valve Type P
134110-0520	P4	Delivery Valve Type P
134110-0820	P7	Delivery Valve Type P
134110-0920	P8	Delivery Valve Type P
134110-1220	P11	Delivery Valve Type P
134110-1420	P13	Delivery Valve Type P
134110-1720	P16	Delivery Valve Type P
134110-2020	P19	Delivery Valve Type P
134110-2120	P20	Delivery Valve Type P
134110-2420	P23	Delivery Valve Type P
134110-2520	P24	Delivery Valve Type P
134110-2620	P25	Delivery Valve Type P
134110-2720	P26	Delivery Valve Type P
134110-2820	P27	Delivery Valve Type P
134110-4120	P40	Delivery Valve Type P
134110-4220	P41	Delivery Valve Type P
134110-4420	P43	Delivery Valve Type P
134110-4520	P44	Delivery Valve Type P
134110-4820	P47	Delivery Valve Type P
134110-5320	P52	Delivery Valve Type P
134110-5420	P53	Delivery Valve Type P
134110-6220	P61	Delivery Valve Type P
134110-6320	P62	Delivery Valve Type P
134110-7020	P69	Delivery Valve Type P
134110-7220	P71	Delivery Valve Type P
134110-7420	P73	Delivery Valve Type P
134110-7520	P74	Delivery Valve Type P

134110-7720	P76	Delivery Valve Type P
134110-7820	P77	Delivery Valve Type P
134110-8520	P84	Delivery Valve Type P
134110-8620	P85	Delivery Valve Type P
134110-8920	P88	Delivery Valve Type P
134110-9400	P93	Delivery Valve Type P
134160-1020	11P	Delivery Valve Type P
090140-0110	OVE22	Delivery Valve Type P
090140-0190	286P2	Delivery Valve Type P
090140-0410		Delivery Valve Type P
090140-0510		Delivery Valve Type P
090140-1030	103	Delivery Valve Type P
090140-1050	105	Delivery Valve Type P
090140-1160	P8	Delivery Valve Type P
090140-1240	P3	Delivery Valve Type P
090140-1260	126	Delivery Valve Type P
090140-1350		Delivery Valve Type P
090140-1420	FP	Delivery Valve Type P
090140-1430	143	Delivery Valve Type P
090140-1460	146	Delivery Valve Type P
090140-1480		Delivery Valve Type P
090140-1570		Delivery Valve Type P
090140-1580	P1	Delivery Valve Type P
090140-1640	164	Delivery Valve Type P
090140-1960		Delivery Valve Type P
090140-1980		Delivery Valve Type P
090140-1990		Delivery Valve Type P
090140-2020		Delivery Valve Type P
090140-2440	244	Delivery Valve Type P
090420-0120	120	Delivery Valve Type P
090420-0520	520	Delivery Valve Type P

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Gasket Kits / Super Kits

DPA / DPS / DPC / SIMMS (INLINE) TYPE

GASKET KITS

GEN. PART NO	PART DESCRIPTION
7135 - 68	GASKET KIT DPA

7135 - 68 S	GASKET KIT (WITH BLADES)
7135 - 110 (70)	GASKET KIT DPA
7135 - 110 S	GASKET KIT (WITH BLADES)
7135 - 110 X	SUPER KIT
7135 - 113 (84)	GASKET KIT DPA
7135-113S	GASKET KIT (WITH BLADES)
7135-113X	SUPER KIT
7135 - 114	GASKET KIT DPA
7135 - 114S	GASKET KIT (WITH BLADES)
7135 - 121	GASKET KIT DPS
7135-122	GASKET KIT DPS
7135-123	GASKET KIT DPS
7135-124	GASKET KIT DPS
9109 - 230	GASKET KIT DPC
9109 - 025 X	SUPER KIT
SUPER KIT DPA Includes	
Regular gasket kit + Liner + Blades Kit + Metering Valve + Piston + Throttle shaft	
SUPER KIT DPC (9109- 025 X) Includes	

Regular gasket Kit (9109-203) + 9109-025 Bearing Kit + 9100-574 (993) DPC Liner kit

VE & P TYPE GASKET KITS

GEN. PART NO	PART DESCRIPTION
1 417 010 002	GASKET KIT PE 4 CYL
1 417 010 003	GASKET KIT PE 6 CYL
1 417 010 004	GASKET KIT P 6 CYL
1 417 010 007	GASKET KIT RQV 8 CYL
1 417 010 008	GASKET KIT P MW 6 CYL
1 417 010 010	GASKET KIT P 6 CYL
1 427 010 002	GASKET KIT RQV
1 427 010 003	GASKET KIT RSV
1 467 010 036	GASKET KIT VA

1 467 010 059 A	GASKET KIT VE (WITH OIL SEAL)
1 467 010 059 S	GASKET KIT (Inc. Weight Kit)
1 467 010 059 X	SUPER KIT VE
1 467 010 497	GASKET KIT VE
2 417 010 001	GASKET KIT P MW 6 CYL
2 417 010 003	GASKET KIT P 8 CYL
2 417 010 004	GASKET KIT P 10 CYL
2 417 010 008	GASKET KIT P 6 CYL
2 417 010 010	GASKET KIT P 6 CYL
2 417 010 021	GASKET KIT P 6 CYL

2 417 010 022	GASKET KIT P 8 CYL
2 417 010 022 / 6	GASKET KIT P 6 CYL
2 467 010 003	GASKET KIT EDC
6 N 1133	GASKET KIT CAT
All ED1010059A gasket kits have Oil seals 17mm or 20 mm	
Kit ED1010059 S have regular 059A gasket kit + ED1010054 weight Kit	
Kit 1010059X have weight Kit + 3 Pcs. Roller Kit inside	
VARIOUS TYPE KITS	
GEN. PART NO	PART DESCRIPTION
2 447 010 011S	VALVE KIT COMPLETE SET
2 447 010 016S	GLASS BOWL COMPLETE SET
YR 583	NON RETURN HOSE SET
ED2010017S	COMPLETE GLASS BOWL
5593866	AC VALVES

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**Feed Pumps &
Related Parts**

ED139-223S

LINER & BLADE KIT

DPA

FEED PUMPS & FUEL LINE PARTS

GEN. PART NO	PART DESCRIPTION
105210 - 1941	IRON CASTING
105220 - 1570	IRON CASTING
105220 - 1590	IRON CASTING
105220 - 4490	IRON CASTING
0 440 001 006	B TYPE WITHOUT GLASS BOWL
0 440 003 177	A TYPE WITHOUT BOWL
0 440 008 007	P TYPE WITHOUT BOWL
0 440 003 176	A TYPE WITH BOWL
0 440 003 239	IRON CASTING
0 440 004 018	IRON CASTING
0 440 004 040	IRON CASTING
0 440 004 043	IRON CASTING
0 440 008 003	IRON CASTING
0 440 008 007	IRON CASTING
0 440 008 014	IRON CASTING
0 440 008 027	P TYPE WITH GLASS BOWL
0 440 008 029	IRON CASTING
0 440 008 068	P TYPE ALUMINIUM
0 440 008 071	ALUMINIUM
0 440 008 073	ALUMINIUM
0 440 008 074	ALUMINIUM
0 440 008 076	ALUMINIUM
0 440 008 108	ALUMINIUM
0 440 008 110	ALUMINIUM
0 440 008 131	ALUMINIUM
0 440 008 193	ALUMINIUM
0 440 008 197	ALUMINIUM
0 450 126 009	HAND PRIMER ALM. TOP
1 455 522 043	HAND PRIMER ALM. TOP
2 447 010 020	HAND PRIMER

2 447 010 033	HAND PRIMER ALM. NEW TYPE	
2 447 222 000	HAND PRM. STEEL WITH SPRING	
2 447 222 020	HAND PRIMER ALMUMINYUM	
152200 - 1120	HAND PRIMER TYPE ZEXEL	
152200 - 5420	HAND PRIMER TYPE ZEXEL	
152200 - 5620	HAND PRIMER TYPE ZEXEL	
ED01-048	NON RETURN VALVE 6 MM	
ED01-047	NON RETURN VALVE 8 MM	
ED01-045	NON RETURN VALVE 12 MM	
ED01-046	NON RETURN VALVE 10 MM	
ED01-049	NON RETURN VALVE 8 - 6 MM	
9001- 088 A	HAND PRIMER NON RETURN	
9001 - 530 A	FILTER TOP + HAND PRIMER	
2 447 010 011 S	COMPLETE FILTER KIT	
2 447 010 016 S	GLASS BOWL COMPLETE SET	
2 447 010 017S	COMPLETE GLASS BOWL	

2 449 109 005	GLASS BOWL SEAL RUBBER	
2 459 999 002	GLASS BOWL	
2 459 999 000	GLASS BOWL HOLDER CLIPS	
5593866	AC TYPE VALVES	

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**Pencil Nozzles &
CAT Parts**

PENCIL NOZZLES /CATERPILLAR PARTS

GEN. PART NO	PART DESCRIPTION
27333	PENCIL NOZZLE JOHN DEERE
27336	PENCIL NOZZLE JOHN DEERE
1 W 5829	PENCIL NOZZLE CAT
7 N 0449	PENCIL NOZZLE CAT
7 W 7038	PENCIL NOZZLE CAT
8 N 7005	PENCIL NOZZLE CAT
9 N 2366	PENCIL NOZZLE CAT
9 L 6969	PENCIL NOZZLE CAT
26964	PENCIL NOZZLE FORD TRANSIT
33408	PENCIL NOZZLE FORD TRANSIT
096450 - 0170	PLUNGER ASSY
096450 - 0170	PLUNGER ASSY
096450 - 0170	PLUNGER ASSY
096450 - 0170	PLUNGER ASSY
096450 - 0170	PLUNGER ASSY
096450 - 0170	PLUNGER ASSY
096450 - 0170	PLUNGER ASSY
096450 - 0170	PLUNGER ASSY

**FOR MORE
INFORMATION
CONTACT US**

info@emakoegypt.com