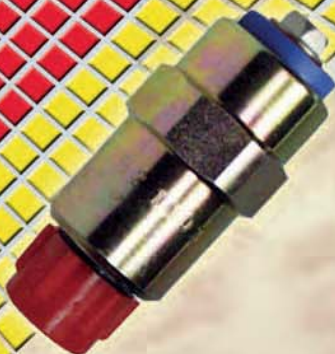


FLAG[®]
GERMANY

Portex
Handelsgesellschaft mbH

Diesel





Qualitätsmanagement

Wir sind zertifiziert

Regelmäßige freiwillige
Überwachung nach ISO 9001:2008



Wichtige Hinweise:

Im Geschäftsverkehr, zwischen uns und unseren Kunden gelten für die Dauer der Geschäftsverbindungen, also auch für künftige Aufträge, ausschließlich unsere Allgemeinen Geschäftsbedingungen (AGB). Sie finden die ausführlichen Vertragsbedingungen unter www.portex.de oder auf der letzten Seite im Katalog.

Inhalte und Darstellung der Kataloge (gedruckt, CD und online) sind urheberrechtlich geschützt und Eigentum von Portex. Alle Rechte vorbehalten. Nachdruck – auch auszugsweise – bedarf besonderer Genehmigung

Mit diesem Katalog verlieren alle vorherigen Kataloge ihre Gültigkeit. Irrtum und Produktänderung vorbehalten.

Teile-Nummern anderer Hersteller sind ausschließlich zu Vergleichszwecken aufgeführt.

Important informations:

Our General Terms of Sale and Delivery are valid for all business contacts between ourselves and our customers, including future contracts. Please find our detailed terms of the contract below: www.portex.de or on the last page of the catalog.

Contents and representation of catalogues (printed, CD and online) are subject of the copyright of Portex. All rights reserved. This prospectus, or any part thereof, may not be reproduced without our permission.

With this catalogue all previous catalogues lose their validity. Mistakes and changes of products reserve.

Part numbers of other manufacturers are only mentioned for comparison purposes.

Index

Injection Pumps Repairkits & Spareparts

Bosch	
A & MW	1
M & H	2
P	3
Governor	4-5
VE & VP	6-9
Delphi	10-11
Denso	12-13
Zexel	14-15
Stanadyne	16

Feed-Pumps

Bosch	17-18
Denso	19
Zexel	19
Repairkits	20
Spareparts	21
Handprimer & Valves	22

Solenoids

Solenoids	23
-----------	----

Diaphragm & Oilseals

Diaphragm	24
Oilseals	24

Nozzles

DLLA-P	25-26
DLLA-S	26-28
BDLL	28
DSLA	28-29
DN 0 SD	29
Delphi & Zexel	29
Denso & Ambac	30

Nozzle Holder & Spareparts

Nozzle Holder	30
Spacer	32
Pressure Spindle	32
Flamearrestor	33-34

Elements & Valves

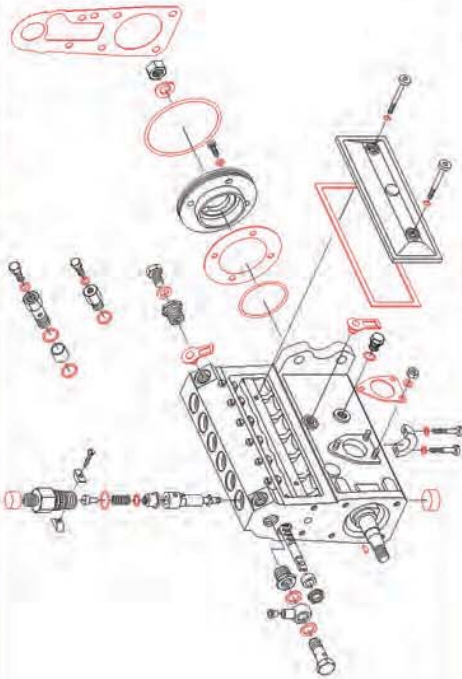
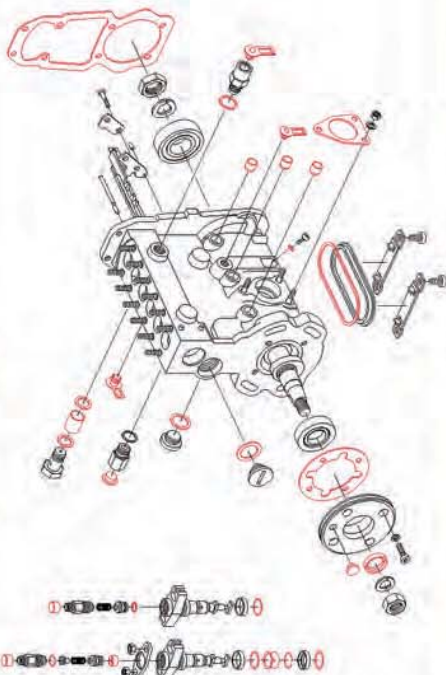
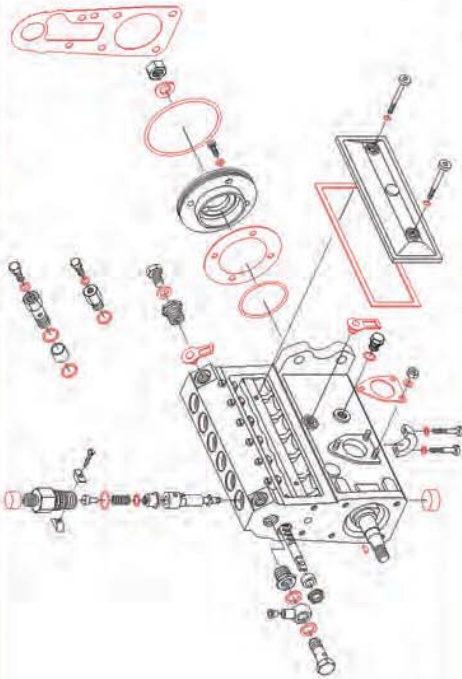
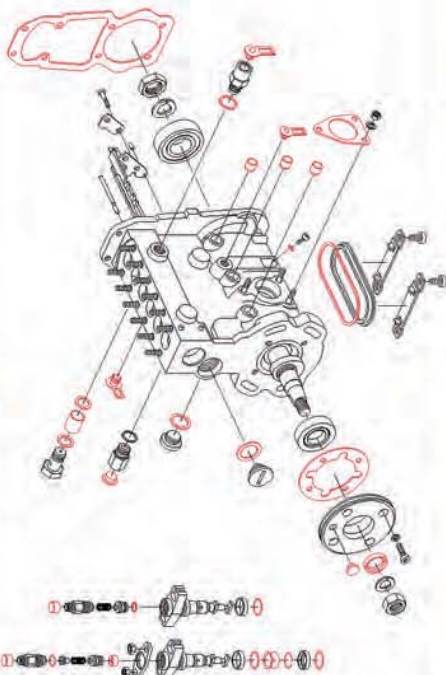
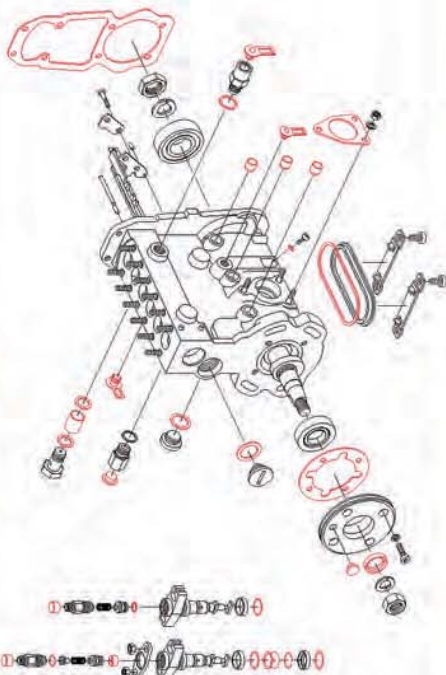
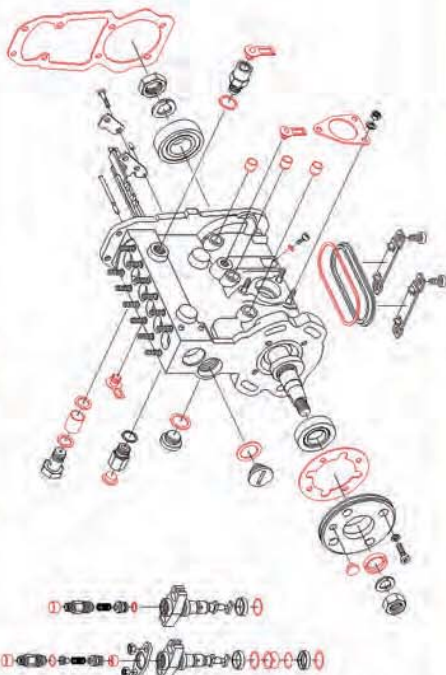
Elements	31
Valves	30

Hydraulic Gearpumps

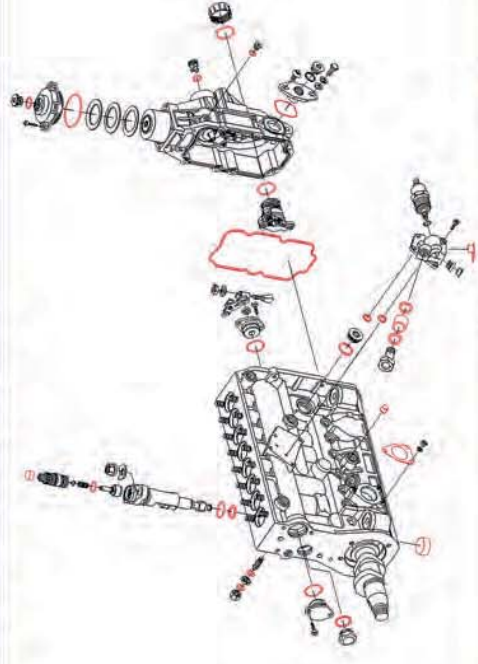
Hydraulic Gearpumps	35-36
---------------------	-------

Cross Reference List 37-47

Repairkits for Bosch - A & MW Pumps

			
	Original Ref.	FLAG no.	
	1 417 010 002 PE 4A..	80 0005	
			
			
	Original Ref.	FLAG no.	
	1 417 010 003 PE 6A..	80 0006	
			
			
	Original Ref.	FLAG no.	
	1 417 010 010 PE 6AD..	80 0033	
			
			
	Original Ref.	FLAG no.	
	1 417 010 008 PE 6MW..	80 1331	
			
			
	Original Ref.	FLAG no.	
	1 417 010 008. PE 6MW..	80 0031	
			
			
	Original Ref.	FLAG no.	
	1 417 010 009 PE 8MW..	80 0032	
			

This diagram illustrates the exploded view of a 12-valve engine assembly. The central component is the cylinder head, which features six valves on each side. Surrounding it are various parts including the intake manifold, valve train components (valves, springs, retainers), and other engine accessories. Red circles highlight specific parts, likely indicating areas of interest or common failure points. The diagram is a technical illustration used for maintenance and repair purposes.



	Original Ref.	FLAG no.
	1 417 010 004 PES 6MW..	80 0010
	5 Zyl. M+RSF	80 0012
	1 417 010 012 PES 5M..	80 0024
	1 417 010 013 PES 6M..	80 0025

Original Ref.	FLAG no.
	80 1182 80 1184
	80 1186
	80 0576
	80 0585

	Original Ref.	FLAG no.		Original Ref. 2 417 010 008 PE.6P..	FLAG no. 80 0017
				Original Ref. 2 417 010 010 PE.6P..	FLAG no. 80 0019
				Original Ref. 2 417 010 021 PE.6P..	FLAG no. 80 0718
				Original Ref. 2 417 010 022 PE.8P..	FLAG no. 80 0717
				Original Ref. PE.12P..	FLAG no. 80 0076
	Original Ref.	FLAG no.		Original Ref. 2 417 010 001 PE.6P..	FLAG no. 80 0001
				Original Ref. 2 417 010 003 PE.8P..	FLAG no. 80 0002
				Original Ref. 2 417 010 004 PE.10P..	FLAG no. 80 0004

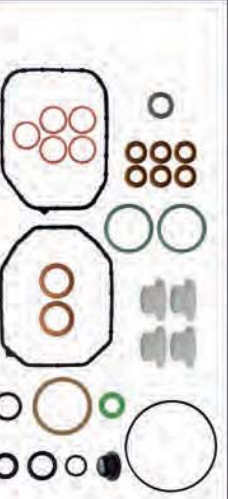
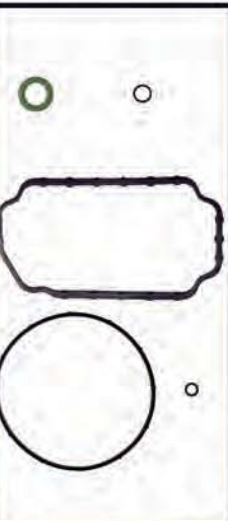
	Original Ref.	FLAG no.		80 0008	Original Ref.	FLAG no.
				80 0112		
				80 0786		
				80 0758		
	Original Ref.	FLAG no.		80 0007	Original Ref.	FLAG no.
				80 0230		

Spareparts for Bosch Governor

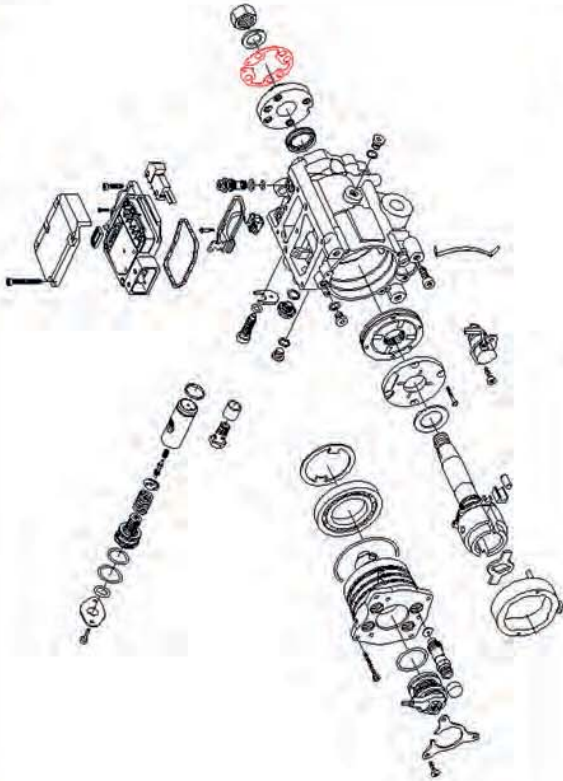
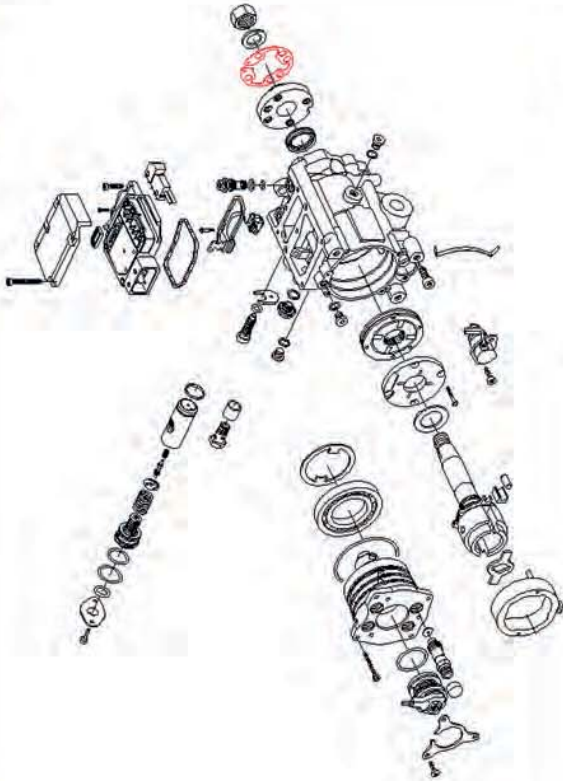
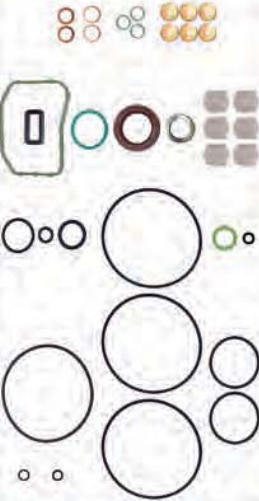
	Original & FLAG no.		Original & FLAG no.		Original & FLAG no.
	2 422 120 064 38/31mm 82 0390	 70mm	2 423 450 900		1 420 026 000 81 0475
	2 422 120 052 38/30mm 82 1475		80 0232		1 420 026 004 81 0450
	2 422 120 058 29/30mm 82 1476		80 0175		2 420 026 006 81 0465
			091337-0150 81 0308		
 140mm	1 423 002 074 82 1615	 75,5mm	1 423 450 900 80 0057		3 410 190 500 82 0874
 130mm	1 423 002 080 82 1482		RQ/RQV 80 0242		3 411 190 500 82 1451
 120mm	1 423 002 030 82 1157	 130mm	2 427 010 002 80 0111		3 411 190 503 82 0694
 127mm	2 423 061 006 82 1094				
 106mm	2 423 105 030 82 1393	 106mm	9 421 080 068 80 0745		2 410 363 015 80 0627
 70mm	2 423 100 024 82 1325				

		Original Ref.	FLAG no.
		1 467 010 059 Oil-Seal 17x28x7	80 0846
		VE Oil-Seal 20x30x7	80 0636
		VE Oil-Seal 20x31x7	80 0637
		VE 1 467 010 059	80 0726
		VE 1 467 010 316	80 0013
		Original Ref.	FLAG no.
		1 467 010 059 Oil-Seal 17x28x7	80 0003
		VE Oil-Seal 17x28x7 20x30x7 20x31x7	80 0091
		VE Oil-Seal 20x31x7	80 0016

Repairkits for Bosch - VE Pumps

	Original Ref.	FLAG no.
	VE 1 467 010 467	80 0159
	VE 1 467 010 517 Oil-Seal 17x28x7,3	80 0736
	VE 1 467 010 520 Oil-Seal 20x31x7,3	80 0735
	VE 2 467 010 003	80 0920
	VE 1 467 010 059 Oil-Seal 17x28x7,3 20x31x7,3	80 1188
	VE Oil-Seal 17x28x7	80 0647
	VE 1 467 010 036	80 0011
	1 467 010 425	80 0822
	1 467 010 501 30mm	80 0107
	1 460 324 315 22mm 1 460 324 316 24,5mm 1 460 324 333 30mm 1 460 324 332 35mm 1 460 324 331 41mm	82 1407 82 1408 82 1411 82 1410 82 1409

Repairkits for Bosch - VP Pumps

	Original Ref.	FLAG no.
		80 1138
		80 1116
		80 1099
		84 0380
	Original Ref.	FLAG no.
		80 1066
		80 1084

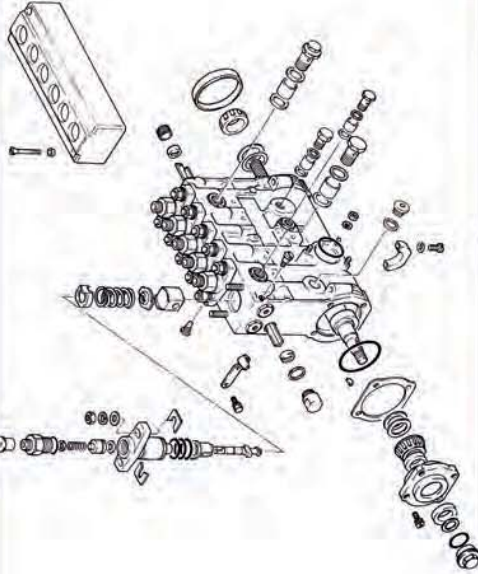
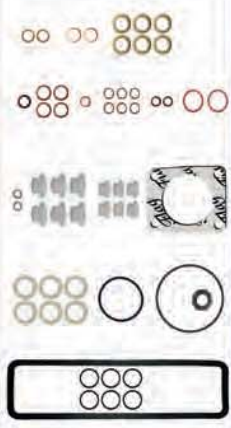
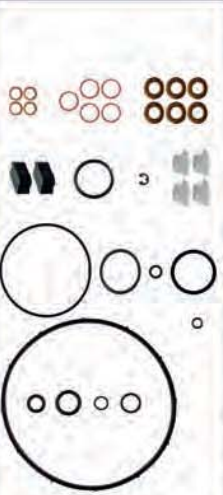
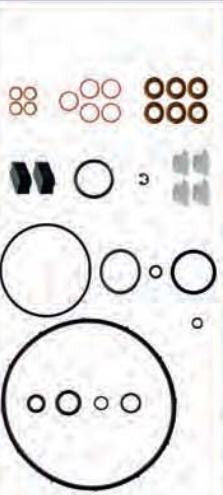
Spareparts for Bosch - VE & VP Pumps

	Original Ref.	FLAG no.		Original Ref.	FLAG no.
	1 463 461 306	80 0976		1 467 010 537	80 0906
	1 467 010 536	80 0264 old		VE-Roll 3pc.	80 0974
	coated Pin 1 467 010 536	80 0265 new		1 467 010 054	80 0140
	1 467 010 535	80 0905	 17mm	VE-Bushing 1 460 400 004	84 0050
			 20mm	VE-Bushing 1 460 400 014	84 0051

	Original Ref.	FLAG no.		7135-112 2 Seal DPA	80 0497
				7135-70 DPA	80 0470
				7135-70 S DPA	80 0490
				9109-210 DPC	80 0922
				9109-230 DPC	80 0496
				7135-110 DPA	80 0410
	Original Ref.	FLAG no.		7135-110S DPA	80 0431
				7135-112 DPA	80 0412

Original Ref.	FLAG no.	Original Ref.	FLAG no.
	9109-240 DPC	80 0921	
	7135-121 DPS	80 0421	
	7135-122 DPS	80 0422	
	7135-123 DPS	80 0423	
	7135-124 DPS	80 0424	

Repairkits for Denso

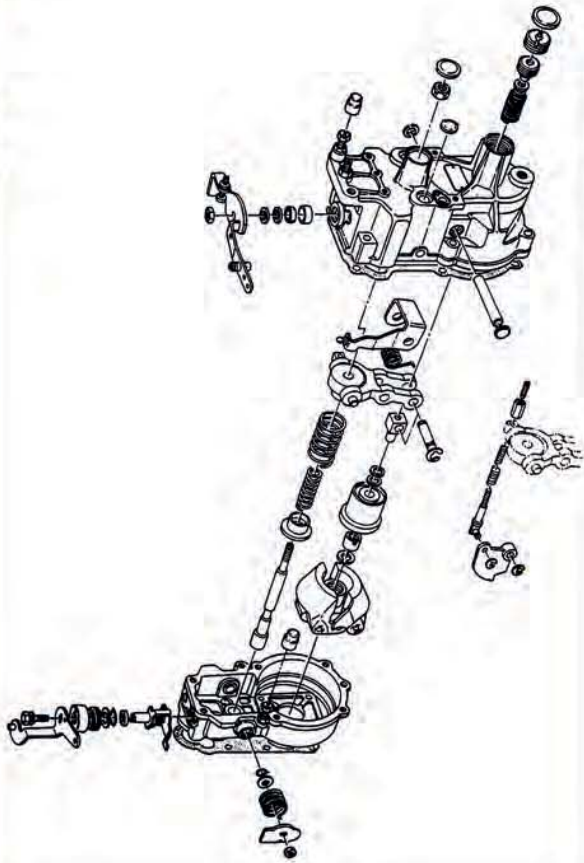
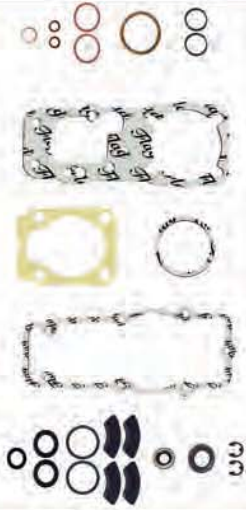
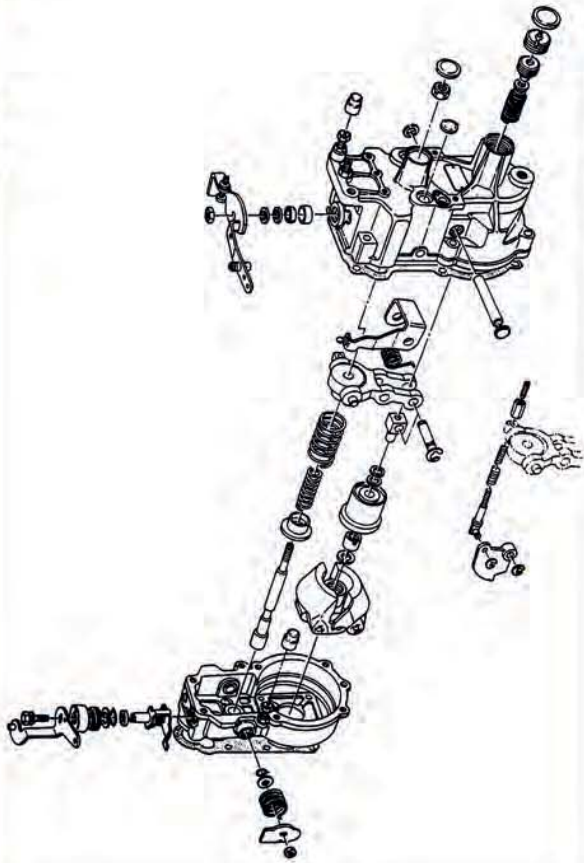
								Original Ref.	FLAG no.
	Original Ref.	FLAG no.			Original Ref.	FLAG no.			
	Original Ref.	FLAG no.			Original Ref.	FLAG no.			

Repairkits for Denso

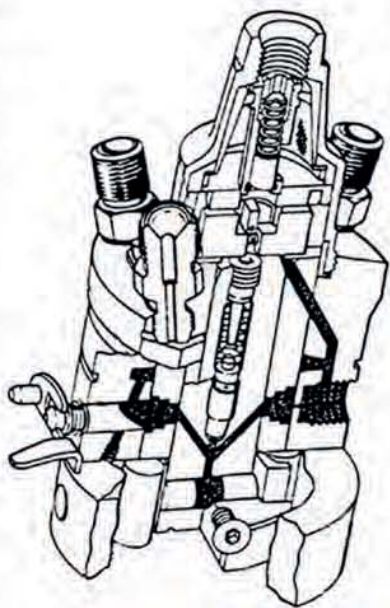
Original Ref.	FLAG no.	Original Ref.	FLAG no.
190890-0170	80 0649	096010-0561	80 0352
190890-0270	80 0653	096010-0010	80 0601
190890-0271	80 0655	096010-0021	80 0909
190890-0150	80 0662	096010-0111	80 0993
190890-0720	80 0986	096010-0541	80 0994

		Original Ref.	FLAG no.
		GKT6PD-0800	80 0688
		134599-0220	80 0692
		GKITDP-0110	80 0894
		131499-2420	80 0818
		131499-0003	80 1205
		Original Ref.	FLAG no.
		146600-1120	80 0600
		EP/VE..17x28x7	80 0791
		134599-0002	80 1204

Repairkits for Zexel

	Original Ref.	FLAG no.
		154599-0720 80 0889
		154599-0820 80 0824
		GKRSUV-2500 80 0279
	Original Ref.	FLAG no.
		154599-1120 80 0879
		154599-0620 80 0880
		
154599-1020 80 0798		

Repairkits for Stanadyne

	Original Ref.		FLAG no.
		24371 DB 2	80 0999
		33814 DB 2	80 1118
		24372 DB 4	80 0996
		33702 DB 4	80 1164
		12928 DB 4	80 1303
	Original Ref.		FLAG no.
		24370 DB 2	80 0995
		24373 DB 2	80 0997
		24370 DB 2	80 0998
			

Feed-Pumps

	Type, Ref. & FLAG no.	Application		Type, Ref. & FLAG no.	Application		Type, Ref. & FLAG no.	Application		Type, Ref. & FLAG no.	Application
	FP/KE22AD112/2 0 440 003 176 90 0176	Fiat, KHD, DAF		FP/KEG22AD112/2 0 440 003 240 90 0240	Case, Volvo, Fiat, DAF, Renault, Mercedes		FP/KD22P8 0 440 008 005 0 440 008 996 90 0005	Perkins, Scania, KHD,MAN, Mercedes, Renault			
	FP/KE22AD240/2 0 440 003 177 90 0177	Fiat, KHD, Mercedes		FP/KS22AD23/2 0 440 004 040 90 0040	KHD, Fiat, Mercedes, Magirus-Deutz		FP/K22P9 0 440 008 007 90 0007	DAF, Ford, Fiat, Iveco, Volvo, Scania, Mercedes, KHD, Renault			
	FP/KE22AD241/2 0 440 003 178 90 0178	Iveco, KHD, DAF, MAN, Fiat, Mercedes		FP/KS22AD6/2 0 440 004 043 90 0043	KHD, Fiat, MAN, Renault Mercedes		FP/KD22P10 0 440 008 008 0 440 008 995 90 0008	MAN, KHD, Mercedes			
	FP/KEG22AD240/2 0 440 003 238 90 0238	KHD, Iveco, Magirus-Deutz		FP/KSG22AD6/4 0 440 004 072 90 4072	Fiat, KHD		FP/K22P29 0 440 008 027 90 0027	Mercedes, Liebherr			
	FP/KEG22AD241/2 0 440 003 239 90 0239	KHD		FP/K22P5 0 440 008 003 90 0003	DAF, MAN, Fiat,Iveco, Renault, KHD, Mercedes, Magirus-Deutz		FP/KG24P200 0 440 008 068 97 0068	KHD, Iveco, Volvo			

Feed-Pumps

	Type, Ref. & FLAG no.	Application		Type, Ref. & FLAG no.	Application		Type, Ref. & FLAG no.	Application		Type, Ref. & FLAG no.	Application
	FP/KG24P300 0 440 008 069 97 0069	Scania, Volvo		FP/K22P29 0 440 008 997 90 7997	Mercedes, Liebherr		FP/K222MW1 0 440 017 010 90 1710	KHD, Mercedes			
	FP/KG24P303 0 440 008 074 97 0074	Man, Mercedes		FP/K22P22 0 440 008 998 90 7998	Fiat, Volvo, Mercedes		FP/K222MW10 0 440 017 011 90 1711	KHD, Mercedes			
	FP/KG24Pxxx 0 440 008 096 97 0096	KHD		FP/K22P5 0 440 008 999 90 7999	DAF, MAN, Fiat, Iveco, KHD, Renault, Mercedes, Magirus-Deutz			Fiat			
	FP/KG24P311 0 440 008 108 97 0108	Renault		FP/AH3/2 0 440 011 002 90 1002	Cummins, KHD, Mercedes, Renault, Volvo, Scania, Liebherr			KHD			
	FP/KG24P303 0 440 008 989 97 0989	Mercedes, MAN		FP/AH3/7 0 440 011 007 90 1007	KHD, MAN, Mercedes, Iveco, VW			KHD			

Feed-Pumps for Denso

Feed-Pumps for Zexel

	Original Ref.	FLAG no.	Application		Original Ref.	FLAG no.	Application
	092100-0372	96 0001	Mitsubishi		9 440 610 046 1157500280 1157500480 105220-4561	94 4561	Isuzu
	092100-0651 9 440 610 043	96 0000	Isuzu		9 440 610 048 1664096400 105217-4000	94 4000	Nissan
	092100-2650	96 0002			9 440 610 056 ME036703 105210-1941	94 1941	Mitsubishi
					9 440 610 222 ME755058 105220-7180	94 7180	Mitsubishi
					9 440 610 777 1664037503 105220-1720	94 1720	Nissan

Feedpump Repairkits

		Original & FLAG no.			Original & FLAG no.		Original & FLAG no.
1		2	1 457 434 000 80 0058		2 447 010 016 80 0021		2 447 010 024 80 0704
			1 457 434 002 80 0089				
3		4	2 457 434 009 80 0250		2 447 010 017 80 0035		2 447 010 037 80 0138
			2 457 434 011 80 1285				
		2 447 010 042 80 1173				24mm 80 0186	
		2 447 010 003 80 0034				22mm 80 0187	
		2 447 010 004 80 0020				2 447 010 021 80 0095	
		2 447 010 011 80 0046				2 447 010 023 80 0096	

Feedpump Spareparts

	Original & FLAG no.			Original & FLAG no.		Original & FLAG no.
	2 459 999 002 83 0065		 Ø 21,994mm-22,006mm	2 449 998 714 82 0170 A-Pump		2 447 419 002 82 0605
	2 450 556 000 84 0092		 Ø 21,994mm-22,006mm	2 449 999 026 82 0378 P-Pump	 22mm	2 443 461 020 82 0790
	2 443 203 001 83 0044 1 Grove brown		 38,13mm	1 443 100 501 82 0172	 24mm	2 443 461 003 82 0700
	2 443 203 001 83 0313 3 Grove white		 34,8mm	2 443 100 000 82 0169		2 440 520 026 82 0786
 	2 447 010 005 82 0168 A-Pump		 53mm	2 444 617 010 82 0284		7111-692A 84 0280
 	2 447 010 002 82 0171 P-Pump		 54mm	2 444 618 006 82 0794		9001-089A 84 0260 8mm

Handprimer & Valves

Original & FLAG no.		Original & FLAG no.		Original & FLAG no.		Original & FLAG no.		Original & FLAG no.		Original & FLAG no.	
2 447 222 000 82 0635		9041-144H 82 0706		1 417 413 047 82 0767 Steelball		6mm 84 0358		1 417 413 060 82 0744 Steelball		8mm 84 0368	
152200-1120 82 0651		2 447 010 009 80 0037		1 457 413 010 82 0342 Plasticvalve		10mm 84 0378		1 457 413 010 82 0860 Steelball		1 463 456 303 82 0352 Out-Valve	
2 447 222 000 82 0636		2 447 010 045 80 0139		541 070 06 46 82 0740 Steelball		2 417 413 101 82 0746 Steelball		2 417 413 107 82 0770 Steelball			
2 447 222 020 82 0597											
2 447 222 025 82 0468											
2 447 222 021 82 0506											