

ENGINE

Illustration

00	Engine	—
01	Crankcase, Studs	1
—	Crankcase securing parts	1
01	Cylinders, Cylinder heads	A 1
05	Crankshaft, Connecting rod, Crankshaft bearings	2
07	Pistons	A2
09	Camshaft, Valves	3
15	Oil pump	4
15	Oil filler	A4
17	Oil cooler	B4
19	Air cooling	5
19	Engine cover plates	A 5
19	Cooling air control	B 5
27	Fuel pump, Fuel lines	6
29	Carburetor 32 PHN	7
29	Carburetor 32 PDSIT	8
29	Intake manifold for single carburetor engine	9
29	Air cleaner for twin carburetor and fuel injection engine	10
29	Intake manifold for twin carburetor engine	A 10
29	Linkage for twin carburetor engine	B10
31	Exhaust gas recirculation for fuel injection engine	C 10
33	Intake manifold for fuel injection engine	11
33	Electric fuel pump and electronic control unit for fuel injection engine	A 11
33	Cold start device for fuel injection engine	B 11
33	Decelerator for fuel injection engine	C 11
41	Clutch	12
98	Repair Kits	—
99	Engine mounting, rear to Ch. No. 318 500 000 from Ch. No. 319 000 001: M 263	A 12
99	Securing parts — Engine mounting to engine carrier and body from Ch. No. 318 015 226: M 249 from Ch. No. 319 000 001	A 12
—	Engine to transmission securing parts	A 12

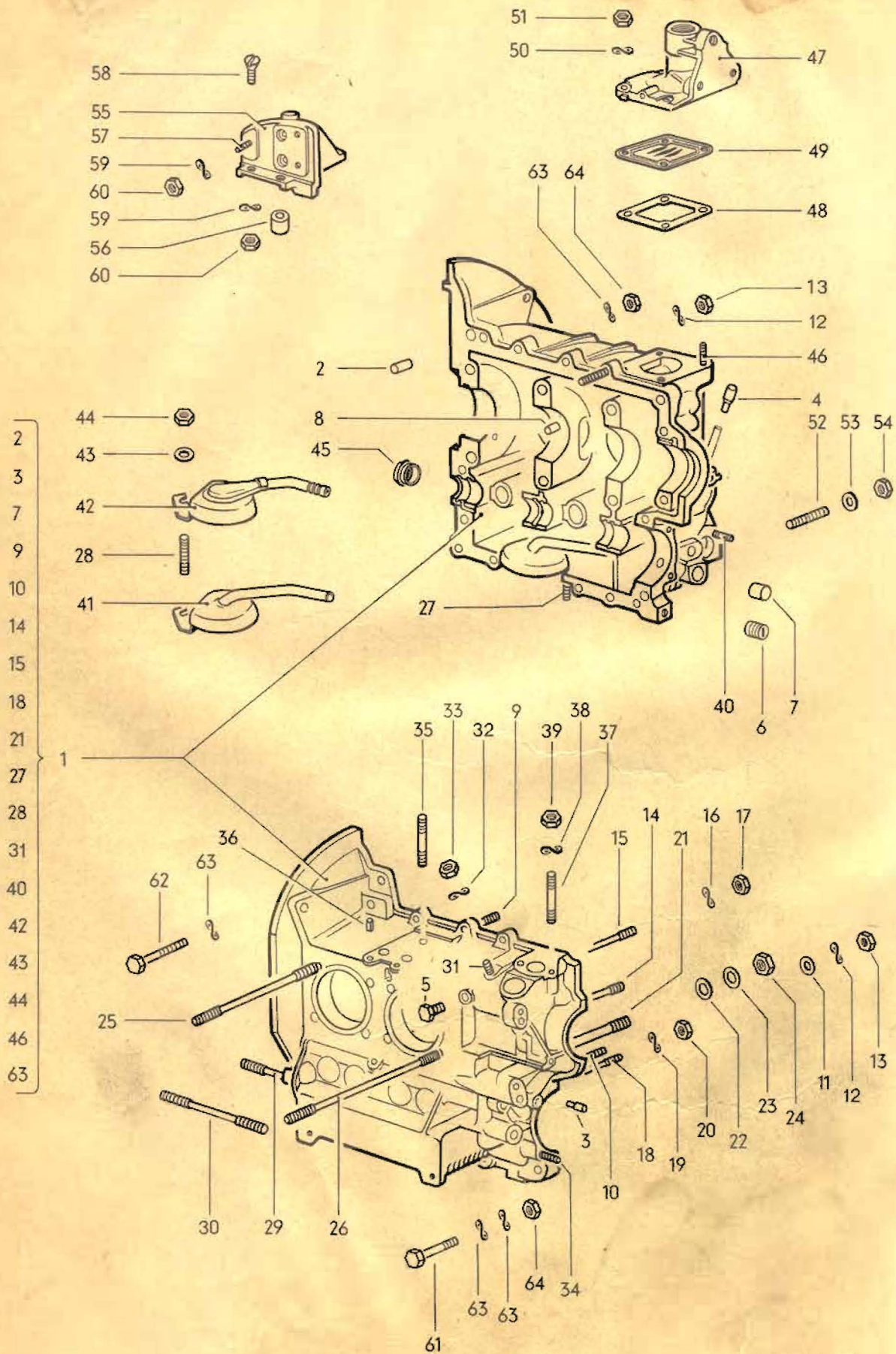


Illustration 1
Supplement 10

MAIN GROUP 1

ENGINE

Key	Part No.	Description	Qty.	Type and model
ENGINE complete with generator, ignition, heating and exhaust systems and clutch				
-	311 100 021 DV	Engine 45 bhp, 6 V, single carburetor to Ch. No. 221 974	1	311-314, 343, 345, 361-364
		from Ch. No. 221 975 to 315 048 101	1	315-318, 365-368
		Replace for models 343,345: 311 115 303 B by 341 115 303 A (to Ch. No. 221 974 see Workshop Manual A-31)		
-	311 100 021 JV	Engine 54 bhp, 6 V, twin carburetor from Ch. No. 221 975 to 315 048 101	1	311-314, 343-346, 361-364
		Replace for models 343-346: 311 115 303 B by 341 115 303 A		
-	315 100 021 V	Engine 45 bhp, single carburetor from Ch. No. 315 048 102 to 316 500 000	1	315-318, 365-368
-	315 100 021 E	Engine 45 bhp, 6 V, single carburetor recessed crown pistons from Ch. No. 316 000 000 to 316 500 000	1	M 240: 315-318, 365-368
-	311 100 025	Engine 54 bhp, 6 V, twin carburetor from Ch. No. 315 048 102 to 316 500 000	1	311-314, 343-346, 361-364
		Replace for models 343-346: 311 115 303 B by 341 115 303 A use: from Ch. No. 315 048 102 to 315 220 883 311 721 555 G		
-	311 100 025 D	Engine 54 bhp, 6 V, twin carburetor recessed crown pistons from Ch. No. 316 000 001 to 316 500 000	1	M 240: 311-314, 343-346, 361-364
		Replace for models 343-346: 311 115 303 B by 341 115 303 A		
-	311 100 025 L	*Engine 54 bhp, fuel injection, automatic from Ch. No. 318 015 226 to 319 500 000	1	M 236 M 249
		from Ch. No. 319 108 900 to 319 500 000	1	M 60/M 236/M 249
-	311 100 025 Q	*Engine 54 bhp, fuel injection from Ch. No. 318 000 001 to 319 500 000	1	M 236
		from Ch. No. 319 108 900 to 319 500 000	1	M 60/M 236
-	311 100 055 A	Engine 54 bhp, twin carburetor from Ch. No. 311 2000 001	1	M 527
-	311 100 055 B	Engine 54 bhp, twin carburetor, automatic, from Ch. No. 311 2000 001	1	M 249 M 527
-	311 100 056	*Engine 54 bhp, fuel injection from Ch. No. 312 2000 001	1	M 236 M 27
-	311 100 056 A	*Engine 54 bhp, fuel injection, automatic from Ch. No. 312 2000 001	1	M 236 M 249 M 27

-	311 100 056 B	*Engine 54 bhp, fuel injection from Ch. No. 312 2000 001 use: for models M 236 311 129 686/688	1	M 236 M 26:311, 313, 361, 363
-	311 100 056 C	*Engine 54 bhp, fuel injection, automatic from Ch. No. 312 2000 001 use: for models M 236/M 249: 311 129 686/688	1	M 236 M 249/M 239
-	311 100 058	*Engine 54 bhp, fuel injection from Ch. No. 310 2000 001 to 311 2500 000	1	M 236
-	311 100 058 B	*Engine 54 bhp, fuel injection, automatic from Ch. No. 310 2000 001 to 311 2500 000	1	M236 M 249
-	311 100 061	Engine 54 bhp, twin carburetor from Ch. No. 319 108 900 to 319 500 000 from Ch. No. 317 000 001 to 311 2500 000 Replace for models 343-346: from Ch. No. 317 000 001 to 317 500 000 311 115 303 B by 341 115 303 A from Ch. No. 319 000 001 to 319 500 000 from Ch. No. 318 000 001 to 318 500 000 311 115 303 D by 341 115 303 C use: from Ch. No. 319 108 900 to 319 500 000 211 141 025 B	1	M 60: 311-314, 361-364 311-314, 343-346, 361-364
-	311 100 061 B	Engine 54 bhp, twin carburetor, automatic from Ch. No. 319 108 900 to 319 500 000 from Ch. No. 318 015 226 to 311 2500 000 Replace for models 343-346: from Ch. No. 318 015 226 to 318 500 000 311 115 303 D by 341 115 303 C from Ch. No. 319 000 001 to 319 500 000 311 115 303 B by 341 115 303 A use: from Ch. No. 319 108 900 to 319 500 000 211 141 025 B	1 1	M 60/M 249 M 249
-	311 100 061 C	Engine 50 bhp, twin carburetor, recessed crown pistons from Ch. No. 317 000 001 to 311 2500 000 Replace for models 343-346: from Ch. No. 317 000 001 to 317 500 000 from Ch. No. 319 000 001 to 319 500 000 311 115 303 B by 341 115 303 A from Ch. No. 318 000 001 to 318 500 000 311 115 303 D by 341 115 303 C	1	M 240:311-314, 343-346, 361-364

-	311 100 061 M	Engine 50 bhp, twin carburetor, recessed crown pistons from Ch. No. 312 2000 001	1	M 240: 311-314, 361-364
-	315 100 061	Engine 45 bhp, single carburetor from Ch. No. 319 108 900 to 319 500 000 from Ch. No. 317 000 001 to 311 2500 001	1 1	M 60: 315-318, 365-368 315-318, 365-368
		use: from Ch. No. 319 108 900 to 319 500 000 211 141 025 B		
-	315 100 061 B	Engine 41 bhp, single carburetor, recessed crown pistons from Ch. No. 317 000 001 to 311 2500 001	1	M 240: 315-318, 365-368
-	315 100 061 G	Engine 41 bhp, single carburetor, recessed crown pistons from Ch. No. 312 2000 001	1	M 240: 315-318, 365-368
-	311 100 063	Engine 54 bhp, twin carburetor from Ch. No. 312 2000 001	1	311-314, 361-364
-	311 100 063 B	Engine 54 bhp, twin carburetor, automatic from Ch. No. 312 2000 001	1	M 249
-	315 100 063	Engine 45 bhp, single carburetor from Ch. No. 312 2000 001	1	315-318, 365-368

CRANKCASE

STUDS

1 *	113 101 025 F	Crankcase replace: stud for oil cooler by N 14 451 2 to Eng. No. 65 745 use: to Eng. No. 1 100 000 113 101 157 C, 111 198 541 to Eng. No. K 0 090 196/M 0 000 901 to Eng. No. T 0 445 097/P 0 001 600 311 115 107 A/141, 111 115 111 B/131 B/161 (see VW Parts Service Bulletin 1-12)	1	
(1)	311 101 025 J	Crankcase (see VW Parts Service Bulletin 1-12)	1	M 249
2	113 101 111	Dowel pin 8 x 25 for crankcase jointing faces	2	
3	113 101 112	Plug - Oil passage	1	
4	* 113 101 112 A	Plug for oil dipstick guide (see Parts Bulletin 1/12)	1	
5	N 16 160 2	Plug AM 10 x 1 Oil pressure switch bore (see Parts Bulletin 1/12)	1	

6	N 13 856 1	Plug, slotted M 16 x 1.5 for oil pipe drilling to Eng. No. K 0 150 000/M 0 003 544 to Eng. No. T 0 690 000/P 0 005 281 to Eng. No. U 0 231 100	1
7	113 101 122 A	Plug 19.2 mm dia for oil pipe drilling from Eng. No. K 0 150 001/M 0 003 545 from Eng. No. T 0 690 001/P 0 005 282 from Eng. No. U 0 231 101/U 5 000 001 from Eng. No. X 0 000 001	1
8	111 101 123	Dowel pin – Crankshaft bearing	5
9	N 14 396 3	Stud AM 8 A x 50 – Crankcase	7
(9)	N 14 490 3	Stud CM 10 A/M 8 x 50 – Crankcase	X
10	N 14 397 9	Stud AM 8 A x 56 – Crankcase	2
(10)	N 14 491 2	Stud CM 10 A/M 8 x 56 – Crankcase	X
11	N 13 830 1	Sealing washer A 8 x 14 – Stud	2
12	N 12 241 2	Spring washer B 8 x 15	9
13	N 11 008 8	Nut, hex. M 8	9
14	N 14 419 1	Stud AM 8 A x 112 – Crankcase	1
(14)	N 14 481 2	Stud CM 10 A/M 8 x 112 – Crankcase	X
15	N 14 444 1	Stud AM 8 A x 125 – Crankcase	1
(15)	N 14 486 1	Stud CM 10 A/M 8 x 125 – Crankcase	X
16	N 12 241 2	Spring washer B 8 x 15	2
17	N 11 008 8	Nut, hex. M 8	2
18	N 14 399 2	Stud AM 8 A x 97 – Crankcase	1
(18)	N 14 485 1	Stud CM 10 A/M 8 x 97 – Crankcase	X
19	N 12 241 2	Spring washer B 8 x 15	1
20	N 11 008 8	Nut, hex. M 8	1
(21)	N 14 500 1	Stud AM 12 x 1.5 A x 141 for crankcase to Eng. No. 31 062	6
(21)	N 14 563 1	Stud CM 14x1.5 A/M 12x1.5x140 for crankcase to Eng. No. 31 062	X
21	N 14 501 1	Stud, lower AM 12 x 1.5 A x 156 for crankcase from Eng. No. 31063 to K 0 011 000 from Eng. No. 31063 to M 0 000 099 from Eng. No. T 0 000 001 to T 0 084 000 from Eng. No. P 0 000 001 to P 0 000 249 from Eng. No. K 0 011 001/M 0 000 100 from Eng. No. T 0 084 001/P 0 000 250 from Eng. No. U 0 000 001/U 5 000 001 from Eng. No. X 0 000 001	6 6 6 6 3 3 3 3
(21)	N 24 496 1	Stud CM 14 x 1,5 A/M 12 x 1,5 x 156 for crankcase	

(21)	N 14 516 1	Stud, upper AM 12 x 1.5 A x 166 for crankcase from Eng. No. K 0 011 001/M 0 000 100 from Eng. No. T 0 084 001/P 0 000 250 from Eng. No. U 0 000 001/U 5 000 001 from Eng. No. X 0 000 001	3	
(21)	N 14 571 1	Stud CM 14 x 1.5 A/M 12 x 1.5 x 166 for crankcase	X	
22	113 101 125	Gasket 10 x 18 for crankcase jointing faces from Eng. No. K 0 063 382/M 0 000 440 from Eng. No. T 0 315 285/P 0 001 100 from Eng. No. U 0 000 001/U 5 000 001 from Eng. No. X 0 000 001	6	
23	113 101 129	Washer 12.2 x 22	6	
24	113 101 131	Nut, hex. M 12 x 1.5	6	
(24)	113 101 131 A	Sealing nut M 12 x 1.5 to Eng. No. K 0 063 381/M 0 000 439 to Eng. No. T 0 315 284/P 0 001 099	X	
(25)	N 14 505 1	Stud AM 10 A x 188 - Cylinder head to Eng. No. 672 697 from Eng. No. T 0 244 544/P 0 001 300 from Eng. No. U 0 000 001/U 5 000 001 from Eng. No. X 0 000 001	8 4 4 4	
(25)	N 14 421 1	Stud AM 10 A x 223 - Cylinder head to Eng. No. 672 697 (see VW Parts Service Bulletin 1-12)	X	
(25)	N 14 494 1	Stud CM 12 x 1.5 A/M 10 x 188 - Cylinder head to Eng. No. 672 697	X	
25	N 14 502 1	Stud AM 10 A x 204 - Cylinder head from Eng. No. 672 698 to T 0 244 543 from Eng. No. 672 698 to P 0 001 299 from Eng. No. T 0 244 544 to T 0 791 126 from Eng. No. P 0 001 300 to P 0 006 033 from Eng. No. U 0 000 001 to U 0 300 000 from Eng. No. 672 698 to K 0 169 914 from Eng. No. 672 698 to M 0 004 002 from Eng. No. T 0 791 127/P 0 006 033 from Eng. No. K 0 169 915/M 0 004 003 from Eng. No. U 0 300 001/U 5 000 001 from Eng. No. X 0 000 001	6 6 4 4 4 8 8 2 6 2 2	311-314, 343-346, 361-364 M 240:311-314, 361-364 315-318, 365-368 M 240:315-318, 365-368
(25)	N 14 568 1	Stud CM 12 x 1.5 A/M 10 x 204 - Cylinder head from Eng. No. 672 698	X	

(25)	N 14 507 1	Stud AM 10 A x 208 – Cylinder head from Eng. No. 672 698 to T 0 244 543	2	311-314, 343-346, 361-364
		from Eng. No. 672 698 to P 0 001 299	2	M 240: 311-314, 361-364
		from Eng. No. 672 698	2	315-318, 365-368
(25)	N 14 569 1	Stud CM 12 x 1.5 A/M 10 x 208 for cylinder head	X	
26	N 14 506 1	Stud AM 10 A x 240 – Cylinder head to Eng. No. T 0 791 126/P 0 006 032	8	
		to Eng. No. K 0 169 914/M 0 004 003	8	
		from Eng. No. T 0 791 127/P 0 006 033	10	
		from Eng. No. K 0 169 915/M 0 004 004	10	
		from Eng. No. U 0 300 000/U 5 000 001	10	
		from Eng. No. X 0 000 001	10	
(26)	N 14 495 1	Stud CM 12 x 1.5 A/M 10 x 240 for cylinder head	X	
27	N 14 542 1	Stud AM 6 A x 21 for oil strainer cover	5	
(27)	N 14 478 1	Stud CM 8 A/M 6 x 21 for oil strainer cover	X	
28	N 14 543 1	Stud AM 6 A x 33 for oil strainer cover and oil pipe	1	
(28)	113 101 139	Stud M 8/M 6 x 33 for oil strainer cover and oil pipe	X	
29	N 14 525 1	Stud AM 10 A x 85 – Engine mounting	2	
(29)	N 14 412 1	Stud CM 12 x 1.5 A/M 10 x 82 for engine mounting	X	
30	N 14 558 1	Stud AM 10 A x 78 for Engine mounting (see VW Parts Service Bulletin 1-12)	2	
31	N 14 398 3	Stud AM 8 A x 27 for distributor	1	
(31)	N 14 482 1	Stud CM 10 A/M x 27 for distributor	X	
32	N 12 241 2	Spring washer B 8 x 15	1	
33	N 11 008 8	Nut, hex. M 8	1	
(34)	N 14 401 3	Stud AM 6 A x 31 – Oil pump to Eng. No. K 0 090 194/M 0 000 899 to Eng. No. T 0 445 096/P 0 001 598	4	
34	N 14 395 3	Stud AM 8 A x 42 – Oil pump from Eng. No. K 0 090 195/M 0 000 900 from Eng. No. T 0 445 097/P 0 001 600 from Eng. No. U 0 000 001/U 5 000 001 from Eng. No. X 0 000 001	4	
(34)	N 14 402 1	Stud CM 8 A/M 6 x 31 – Oil pump to Eng. No. K 0 090 194/M 0 000 899 to Eng. No. T 0 445 096/P 0 001 599	X	

(35)	N 14 451 2	Stud AM 6 A x 23 for oil cooler bracket to Eng. No. 65 745	1
(35)	N 14 452 1	Stud CM 8 A/M 6 x 23 for oil cooler bracket	X
35	N 14 539 1	Stud AM 6 A x 56 – Oil cooler from Eng. No. 65 746	1
(35)	N 14 565 1	Stud CM 8 A M 6 x 56 for Oil cooler (see VW Parts Service Bulletin 1-12)	X
36	113 101 145 A	Bush – Oil cooler mounting (see VW Parts Service Bulletin 1-12)	2
37	N 14 396 3	Stud AM 8 A x 50 for fuel pump	2
(37)	N 14 566 1	Stud CM 10 A/M 8 x 51 for fuel pump	X
38	N 12 241 2	Spring washer B 8 x 15	2
39	N 11 008 8	Nut, hex. M 8	2
40	N 14 532 2	Stud AM 8 A x 32 for oil filler pipe	2
(40)	N 14 561 2	Stud CM 10 A M 8 x 30 for oil filler pipe	X
41	311 101 149 A	Oil pipe with dome to Eng.-No. K 0 150 000/M 0 003 544 to Eng.-No. T 0 690 000/P 0 005 281 to Eng.-No. U 0 231 000	1
42	111 101 149 A	Oil pipe with dome from Eng.-No. K 0 150 001/M 0 003 545 from Eng.-No. T 0 690 001/P 0 005 282 from Eng.-No. U 0 231 001/U 5 000 001 from Eng.-No. X 0 000 001	1
43	N 11 524 4	Washer A 6.4	1
44	113 101 175	*Nut, hex. M 6 (self-locking)	1
(45)	113 101 157	End plug 27.4 mm dia. – Camshaft to Eng. No. 1 100 000	1
45	113 101 157 C	End plug 29.9 mm dia. – Camshaft from Eng.-No. K 0 000 001/M 0 000 001 from Eng.-No. T 0 000 001/P 0 000 001 from Eng.-No. U 0 000 001/U 5 000 001 from Eng.-No. X 0 000 001	1
46	N 14 443 4	Stud AM 8 A x 38 for breather support	4
(46)	N 14 483 1	Stud CM 10 A/M 8 x 38 for breather support	X
47	311 101 161 A	Breather support	1
48	*113 101 219	Gasket – Breather support	1

49	113 101 221 B	Oil deflector plate from Eng.-No. K 0 120 745/M 0 002 445 from Eng.-No. T 0 616 933/P 0 004 677 from Eng.-No. U 0 154 029/U 5 000 001 from Eng.-No. X 0 000 001	1
50	N 12 241 2	Spring washer B 8 x 15	4
51	N 11 008 8	Nut, hex. M 8	4
52	N 14 532 2	Stud AM 8 A x 32 – Thermostat bracket	1
(52)	N 14 561 2	Stud CM 10 A/M 8 x 30 for thermostat bracket	X
53	N 11 654 2	Washer 9:5	1
54	N 11 008 8	Nut, hex. M 8	1
55	311 101 171	Bracket – Oil cooler to Eng. No. 65 745	1
56	111 117 151	Seal – Bracket to Eng. No. 65 745	2
57	N 14 451 2	Stud AM 6 A x 23 – Oil cooler to Eng. No. 65 745	1
(57)	N 14 452 1	Stud CM 8 A/M 6 x 23 – Oil cooler	X
58	N 11 758 1	Screw, csk. hd. AM 6 x 22 to Eng. No. 65 745	2
59	N 12 226 2	Spring washer B 6 to Eng. No. 65 745	3
60	N 11 006 2	Nut, hex. M 6 to Eng. No. 65 745	3

CRANKCASE

SECURING PARTS

61	N 10 350 3	Bolt, hex. hd. BM 8 x 50	2
62	N 10 352 2	Bolt, hex. hd. BM 8 x 55	1
63	N 12 241 2	Spring washer B 8 x 15	6
64	N 11 008 8	Nut, hex. M 8	3

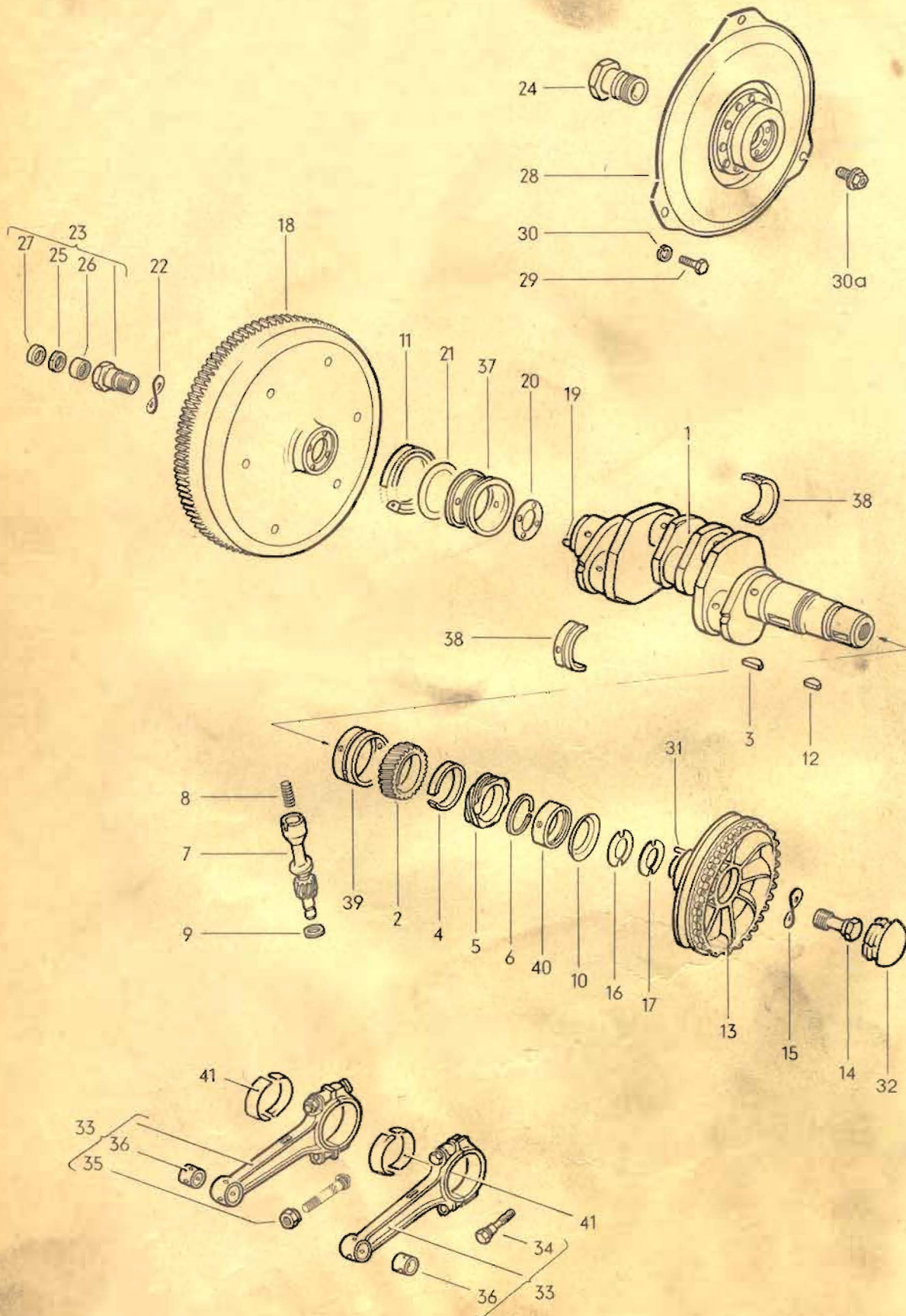
MAIN GROUP 1

ENGINE

Key	Part No.	Description	Qty.	Type and model
CYLINDERS				
(1)	*311 101 301 A	Cylinder 83 mm dia. to Eng. No. 65 745 001 blue 003 pink	4	
(1)	*311 101 301 D	Cylinder 83 mm dia. from Eng. No. 65 746 to 1 100 000 and R from Eng.-No. K 0 000 001/M 0 000 001 001 blue 003 pink 002 green	4 4	315-318, 365-368
1	*341 101 302	*Cylinder 85.5 mm dia. from Eng.-No. T 0 000 001/P 0 000 001 001 blue 003 pink	4	311-314, 343-346, 361-364
2	*311 101 341	Gasket 90 x 99 between crankcase and cylinder	4	
CYLINDER HEADS				
(3)	311 101 351 C	Cylinder head to Eng. No. 65 745 use: 311 109 301 A/443 B; 113 109 427 A/619	2	
(3)	311 101 353 A	Cylinder head from Eng. No. 65 746 to 672 697 from Eng.-No. 672 698 to T 0 244 543/P 0 001 299 from Eng. No. 672 698 For installation in engines from Eng. No. 65 746 to 266 357 use: 311 109 301 A/443 B; 113 109 427 A/619	2 2 2 2	311-314, 343-346, 361-364 315-318, 365-368 315-318, 365-368
(3)	311 101 355 D	*Cylinder head from Eng.-No. T 0 244 544/P 0 001 300 to T 0 933 000/P 0 006 900 from Eng.-No. U 0 000 001 to U 0 502 000	2 2	311-314, 343-346, 361-364 M 236
(3)	311 101 355 H	Cylinder head from Eng.-No. T 0 933 001/P 0 006 901	2	311-314, 361-364
3	311 101 356 G	*Cylinder head from Eng. No. U 0 502 001/U 5 000 001 from Eng.-No. X 0 000 001	2 2	M 236;M 236/M 239 M 236/M 27
(4)	311 101 385	Shim 0.8 mm - Cylinder head to Eng. No. 65 745	X	
4	311 101 385 A	Shim 0.8 mm - Cylinder head from Eng. No. 65 746	X	

(4)	311 101 387	Shim 1 mm – Cylinder head to Eng. No. 65 745	X
(4)	311 101 387 A	Shim 1 mm – Cylinder head from Eng. No. 65 746	X
(4)	311 101 389	Shim 1.5 mm – Cylinder head to Eng. No. 65 745	X
(4)	311 101 389 A	Shim 1.5 mm – Cylinder head from Eng. No. 65 746	X
(5)	113 101 397 A	Stud – Rocker shaft (guide shoulder 12.5 x 11) to Eng. No. 672 697	4
(5)	113 101 398	Stud M 15 x 1.5/M 8 x 63 – Rocker shaft to Eng. No. 672 697	X
(5)	113 101 399 A	Stud – Rocker shaft (guide shoulder 13 x 22, o. s.) to Eng. No. 672 697	X
6	113 101 399 B	Stud M 10 A/M 8 x 62 – Rocker shaft from Eng. No. 672 698	4
7	N 12 229 1	Spring washer A 8	4
8	N 11 008 8	Nut, hex. M 8	4
9	113 101 403 A	Guide – Intake valve with shoulder 1st o. s.	X
(9)	113 101 404	Guide – Intake valve 1st o. s.	X
(9)	113 101 405 A	Guide – Intake valve with shoulder 2nd o. s.	X
(9)	113 101 406	Guide – Intake valve 2nd o. s.	X
(9)	113 101 408	Guide – Intake valve 3rd o. s.	X
(9)	113 101 417 A	Guide – Exhaust valve with shoulder 1st o. s.	X
(9)	113 101 418	Guide – Exhaust valve 1st o. s.	X
(9)	113 101 419 A	Guide – Exhaust valve with shoulder 2nd o. s.	X
(9)	113 101 420	Guide – Exhaust valve 2nd o. s.	X
(9)	113 101 422	Guide – Exhaust valve 3rd o. s.	X
10	021 101 457	Nut, hex. M 10 – Cylinder head	16
11	N 11 527 1	Washer A 10.5	18
12	N 14 443 4	Stud AM 8 A x 38 for exhaust flange	8
13	311 101 463	Nut, hex. M 8 (self-locking)	4
(13)	N 11 008 8	Nut, hex. M 8	4

(14)	N 14 434 5	Stud AM 6 A x 28 – Intake manifold to Eng. No. T 0 260 000/P 0 000 900	4	315-318, 365-368
			4	311-314, 343-346, 361-364
14	N 14 443 4	Stud AM 8 A x 38 – Intake manifold from Eng. No. T 0 260 001/P 0 000 901	4	311-314, 343-346, 361-364
15	N 11 006 2	Nut, hex. M 6	4	
16	113 101 475 B	Cylinder head cover (with straight sealing surface)	2	
17	*113 101 481 F	Gasket – Cylinder head cover	2	
18	311 101 487	Retaining spring – Cylinder head cover	2	



MAIN GROUP 1

ENGINE

Key	Part No.	Description	Qty.	Type and model
CRANKSHAFT				
(1)	311 105 101 B	Crankshaft to Eng.-No. K 0 040 816/M 0 000 299 to Eng.-No. T 0 210 166/P 0 000 799	1	
1	311 105 101 F	Crankshaft from Eng.-No. K 0 040 817/M 0 000 300 from Eng.-No. T 0 210 167/P 0 000 800 from Eng.-No. U 0 000 001/U 5 000 001 from Eng.-No. X 0 000 001 Use: from Eng.-No. K 0 040 817 to K 0 078 229 from Eng.-No. M 0 000 300 to M 0 000 749 for single carburetor – 311 107 361 A/371 from Eng.-No. T 0 210 167 to T 0 411 115 from Eng.-No. P 0 000 800 to P 0 001 499 for twin carburetor – 341 107 361/371	1	
2	113 105 209	Timing gear – Crankshaft	1	
3	111 105 213	Woodruff key – Crankshaft timing gear	1	
4	113 105 219	Spacer – Crankshaft timing gear	1	
5	111 105 223	Gear – Distributor drive	1	
6	111 105 227	Lockring for distributor drive gear	1	
7	113 105 231 B	Pinion – Distributor drive (use with 111 105 235 A only)	1	
8	111 105 233	Coil spring for distributor drive pinion	1	
(9)	113 105 235 A	Washer 6.3 mm for distributor drive pinion to Eng.-No. K 0 033 505/M 0 000 249 to Eng.-No. T 0 186 545/P 0 000 649	1	
9	111 105 235 A	Washer 0.6 mm for distributor drive pinion from Eng.-No. K 0 033 506/M 0 000 250 from Eng.-No. T 0 186 546/P 0 000 650 from Eng.-No. U 0 000 001/U 5 000 001 from Eng.-No. X 0 000 001	1	
10	113 105 241 A	Oil thrower – Crankshaft	1	
11	113 105 245 F	Oil seal, 90 mm dia. – Crankshaft	1	
12	113 105 249	Woodruff key – Crankshaft pulley	1	

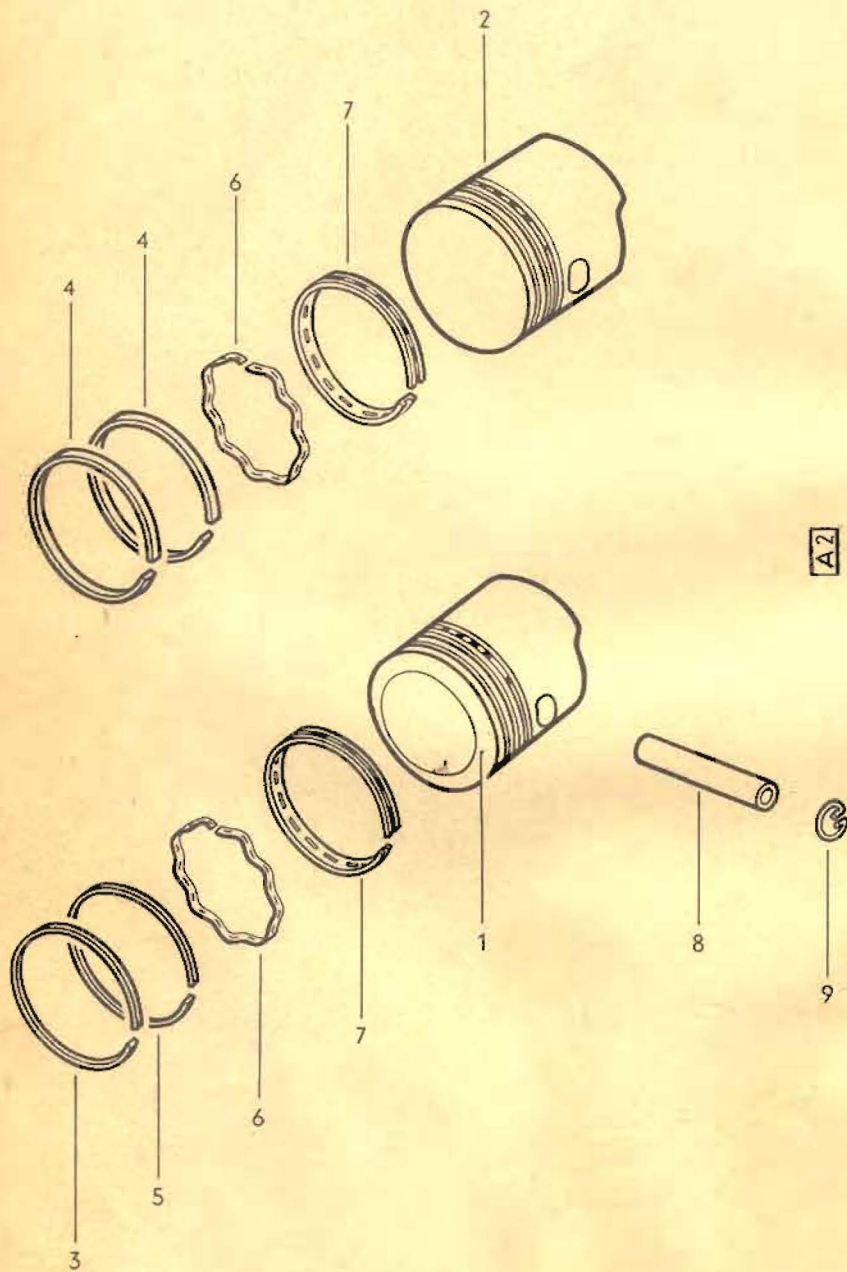
(13)	311 105 251 F	Pulley – Crankshaft	1
		to Eng.-No. K 0 198 000/M 0 004 266	
		to Eng.-No. T 0 933 000/P 0 006 900	
		to Eng.-No. U 0 502 000	
		use:	
		311 903 137 A	
		to Eng. No. 141 840	
		to Eng.-No. K 0 060 000/M 0 000 400	
		bis Eng.-No. T 0 260 000/P 0 000 900	
		311 903 109 A	
13	311 105 251 K	Pulley – Crankshaft	1
		from Eng.-No. K 0 198 001/M 0 004 267	
		from Eng.-No. T 0 933 001/P 0 006 901	
		from Eng.-No. U 0 502 001/U 5 000 001	
		from Eng.-No. X 0 000 001	
14	311 105 263	Bolt – Crankshaft pulley	1
15	111 105 265	Spring washer – Crankshaft pulley bolt	1
16	*311 105 267 A	Seal – Crankshaft pulley	1
17	311 105 269 A	Shim – Crankshaft pulley	X
(18)	113 105 271 B	Flywheel, 109 teeth	1
		for clutch 180	
		to Eng. No. 65 745	
(18)	211 105 271	Flywheel, 109 teeth	1
		for clutch 200	
		from Eng.-No. 65 746 to K 0 040 816	
		from Eng.-No. 65 746 to T 0 210 166	
		from Eng.-No. 65 746 to M 0 000 299	
		from Eng.-No. 65 746 to P 0 000 799	
(18)	211 105 271 C	Flywheel, 109 teeth	1
		for clutch 200	
		from Eng.-No. K 0 040 817 to K 0 060 000	
		from Eng.-No. M 0 000 300 to M 0 000 400	
		from Eng.-No. T 0 210 167 to T 0 260 000	
		from Eng.-No. P 0 000 800 to P 0 000 900	
18	311 105 271	Flywheel, 130 teeth	1
		for clutch 200	
		from Eng.-No. K 0 060 001/M 0 000 401	
		from Eng.-No. T 0 260 001/P 0 000 901	
		from Eng.-No. U 0 000 001/U 5 000 001	
		from Eng.-No. X 0 000 001	
19	113 105 277	Dowel pin – Flywheel	4
(20)	113 105 279	Gasket (paper) – Flywheel	1
20	*113 105 279 A	Gasket (metal) –	1
		Flywheel 113 105 271 B/211 105 271	
		to Eng.-No. K 0 040 816/M 0 000 299	
		to Eng.-No. T 0 210 166/P 0 000 799	

(20)	311 105 295 A	Rubber seal for flywheel 211 105 271 C/311 105 271 from Eng.-No. K 0 040 817/M 0 000 300 from Eng.-No. T 0 210 167/P 0 000 800 from Eng.-No. U 0 000 001/U 5 000 001 from Eng.-No. X 0 000 001	1
(21)	113 105 281	Spacer 0.24 mm for flywheel to Eng.-No. K 0 040 816/M 0 000 299 to Eng.-No. T 0 210 166/P 0 000 800	X
21	113 105 281 A	Spacer 0.24 mm for flywheel from Eng.-No. K 0 040 817/M 0 000 300 from Eng.-No. T 0 210 167/P 0 000 800 from Eng.-No. U 0 000 001/U 5 000 001 from Eng.-No. X 0 000 001	X
(21)	113 105 283	Spacer 0.30 mm for flywheel to Eng.-No. K 0 040 816/M 0 000 299 to Eng.-No. T 0 210 166/P 0 000 799	X
(21)	113 105 283 A	Spacer 0.30 mm for flywheel from Eng.-No. K 0 040 817/M 0 000 300 from Eng.-No. T 0 210 167/P 0 000 800 from Eng.-No. U 0 000 001/U 5 000 001 from Eng.-No. X 0 000 001	X
(21)	113 105 285	Spacer 0.32 mm for flywheel to Eng.-No. K 0 040 816/M 0 000 299 to Eng.-No. T 0 210 166/P 0 000 799	X
(21)	113 105 285 A	Spacer 0.32 mm for flywheel from Eng.-No. K 0 040 817/M 0 000 300 from Eng.-No. T 0 210 167/P 0 000 800 from Eng.-No. U 0 000 001/U 5 000 001 from Eng.-No. X 0 000 001	X
(21)	113 105 287	Spacer 0.34 mm for flywheel to Eng.-No. K 0 040 816/M 0 000 299 to Eng.-No. T 0 210 166/P 0 000 799	X
(21)	113 105 287 A	Spacer 0.34 mm for flywheel from Eng.-No. K 0 040 817/M 0 000 300 from Eng.-No. T 0 210 167/P 0 000 800 from Eng.-No. U 0 000 001/U 5 000 001 from Eng.-No. X 0 000 001	X

(21)	113 105 289	Spacer 0.36 mm for flywheel to Eng.-No. K 0 040 816/M 0 000 299 to Eng.-No. T 0 210 166/P 0 000 799	X	
(21)	113 105 289 A	Spacer 0.36 mm for flywheel from Eng.-No. K 0 040 817/M 0 000 300 from Eng.-No. T 0 210 167/P 0 000 800 from Eng.-No. U 0 000 001/U 5 000 001 from Eng.-No. X 0 000 001	X	
22	111 105 297	Lock washer – Flywheel	1	
23	111 105 305 E	Gland nut 37.2 with needle bearing for flywheel	1	
24	311 105 307	Gland nut – Carrier plate	1	M 249
25	111 105 311	Gasket – Needle bearing	1	
26	111 105 313 A	Needle bearing – Flywheel gland nut	1	
27	111 105 315	Sealing ring – Needle bearing	1	
28	311 105 323	Carrier plate	1	M 249
29	N 10 237 5	Bolt, hex. hd. M 8 x 12 DIN 933 to Ch. No. 310 2500 000	3	M 249
30	N 12 008 2	Lock washer B 8 to Ch. No. 310 2500 000	3	M 249
30a	003 323 699	Bolt from Ch. No. 311 2000 001	3	M 249
31	311 105 363	Dowel pin – Crankshaft pulley	1	
32	311 105 383	Cap – Crankshaft pulley	1	
CONNECTING ROD				
33	311 105 401 B	Connecting rod 049 brown 528 grey	4	
34	113 105 425 A	Bolt – Connecting rod to Eng. No. 1 100 000	8	
35	113 105 427	Nut hex. for connecting rod bolt from Eng. No. K/T 0 000 001	8	
36	311 105 431 A	Bush – Piston pin	4	
CRANKSHAFT BEARINGS				
37	*113 105 501 B	Crankshaft bearing No. 1, outer dia. 65 mm	1	
(37)	*113 105 503 D	Crankshaft bearing No. 1, outer dia. 65.5 mm	1	
(37)	*113 105 507 A	Crankshaft bearing No. 1, outer dia. 65 mm (0.25 mm u. s.)	1	
(37)	113 105 509 A	Crankshaft bearing No. 1, outer dia. 65.5 mm with thicker thrust flange (0.25 mm u. s.)	1	

(37)	*113 105 509 D	Crankshaft bearing No. 1, outer dia. 65.5 mm (0.25 mm u. s.)	1
(37)	*113 105 513 A	Crankshaft bearing No. 1, outer dia. 65 mm (0.5 mm u. s.)	1
(37)	113 105 515 A	Crankshaft bearing No. 1, outer dia. 65.5 mm (0.5 mm u. s.)	1
(37)	*113 105 519 A	Crankshaft bearing No. 1, outer dia. 65 mm (0.75 mm u. s.)	1
(37)	*113 105 525 A	Crankshaft bearing No. 1, outer dia. 65 mm (1 mm u. s.)	1
38	*131 105 531	Bearing shell No. 2, outer dia. 65 mm Crankshaft	2
(38)	*131 105 533	Bearing shell No. 2, outer dia. 65.5 mm Crankshaft	2
(38)	*131 105 537	Bearing shell No. 2, outer dia. 65 mm Crankshaft (0.25 mm u. s.)	2
(38)	*131 105 539	Bearing shell No. 2, outer dia. 65.5 mm Crankshaft (0.25 mm u. s.)	2
(38)	*131 105 543	Bearing shell No. 2, outer dia. 65 mm Crankshaft (0.5 mm u. s.)	2
(38)	113 105 545	Bearing shell No. 2, outer dia. 65.5 mm Crankshaft (0.5 mm u. s.)	2
(38)	*131 105 549	Bearing shell No. 2, outer dia. 65 mm Crankshaft (0.75 mm u. s.)	2
(38)	*131 105 555	Bearing shell No. 2, outer dia. 65 mm Crankshaft (1 mm u. s.)	2
39	*113 105 561	Crankshaft bearing No. 3, outer dia. 65 mm	1
(39)	*113 105 563	Crankshaft bearing No. 3, outer dia. 65.5 mm	1
(39)	*113 105 567	Crankshaft bearing No. 3, outer dia. 65 mm (0.25 mm u. s.)	1
(39)	*113 105 569	Crankshaft bearing No. 3, outer dia. 65.5 mm (0.25 mm u. s.)	1
(39)	*113 105 573	Crankshaft bearing No. 3, outer dia. 65 mm (0.5 mm u. s.)	1
(39)	113 105 575	Crankshaft bearing No. 3, outer dia. 65.5 mm (0.5 mm u. s.)	1
(39)	*113 105 579	Crankshaft bearing No. 3, outer dia. 65 mm (0.75 mm u. s.)	1
(39)	*113 105 585	Crankshaft bearing No. 3, outer dia. 65 mm (1 mm u. s.)	1
40	*021 105 591	Crankshaft bearing No. 4, outer dia. 50 mm	1
(40)	*113 105 593 A	Crankshaft bearing No. 4, outer dia. 50.5 mm	1
(40)	*021 105 597	Crankshaft bearing No. 4, outer dia. 50 mm (0.25 mm u. s.)	1

(40)	*113 105 599 A	Crankshaft bearing No. 4, outer dia. 50.5 mm (0.25 mm u. s.)	1
(40)	*021 105 603	Crankshaft bearing No. 4, outer dia. 50 mm (0.5 mm u. s.)	1
(40)	113 105 605	Crankshaft bearing No. 4, outer dia. 50.5 mm Crankshaft (0.5 mm u. s.)	1
(40)	*021 105 609	Crankshaft bearing No. 4, outer dia. 50 mm (0.75 mm u. s.)	1
(40)	*113 105 615	Crankshaft bearing No. 4, outer dia. 50 mm (1 mm u. s.)	1
41	113 105 701	Bearing shell - Connecting rod	8
(41)	113 105 707	Bearing shell (0.25 mm u. s.) for connecting rod	8
(41)	113 105 713	Bearing shell (0.5 mm u. s.) for connecting rod	8
(41)	113 105 719	Bearing shell (0.75 mm u. s.) for connecting rod	8
(41)	113 105 725	Bearing shell (1 mm u. s.) for connecting rod	8



MAIN GROUP 1

ENGINE

Key	Part No.	Description	Qty.	Type and model
PISTONS				
(1)	311 107 101 C	Piston 83 mm dia. (standard size) to Eng. No. 65 745 001 blue 003 pink 002 green	4	
(1)	*311 107 101 AA	Piston 83 mm dia., (standard size) from Eng. No. 65 746 to 255 339 from Eng. No. 225 340 to 1 100 000 from Eng. No. 255 340 use: to Eng. No. 1 100 000 311 107 301 C/311 001 blue 003 pink	4 4 4	311-314, 343, 345, 361-364 M 249 315-318, 365-368
(1)	311 107 101 AD	Piston 83 mm dia. (recessed piston), (standard size) from Ch. No. M 0 000 001 001 blue 003 pink	4	M 240: 315-318, 365-368
1	341 107 101 A	Piston 83 mm dia. twin carburetor engine, (standard size) from Eng. No. 255 340 to 1 100 000 and R 001 blue 003 pink	4	311-314, 343-346, 361-364
(1)	311 107 105 AA	Piston 83.5 mm dia., (o. s.) from Eng. No. 65 746 to 255 339 from Eng. No. 255 340 to 1 100 000 from Eng. No. 255 340 use: 311 107 305 C/315 to Eng. No. 1 100 000 001 blue 003 pink	4 4 4	311-314, 343, 345, 361-364 M 240 315-318, 365-368
(1)	341 107 105 A	Piston 83.5 mm dia. twin carburetor engine, (o. s.) from Eng. No. 255 340 to 1 100 000 001 blue 003 pink 002 green	4	311-314, 343-346, 361-364
(1)	311 107 109 C	Piston 84 mm dia., (o. s.) to Eng. No. 65 745 001 blue 003 pink 002 green	4	

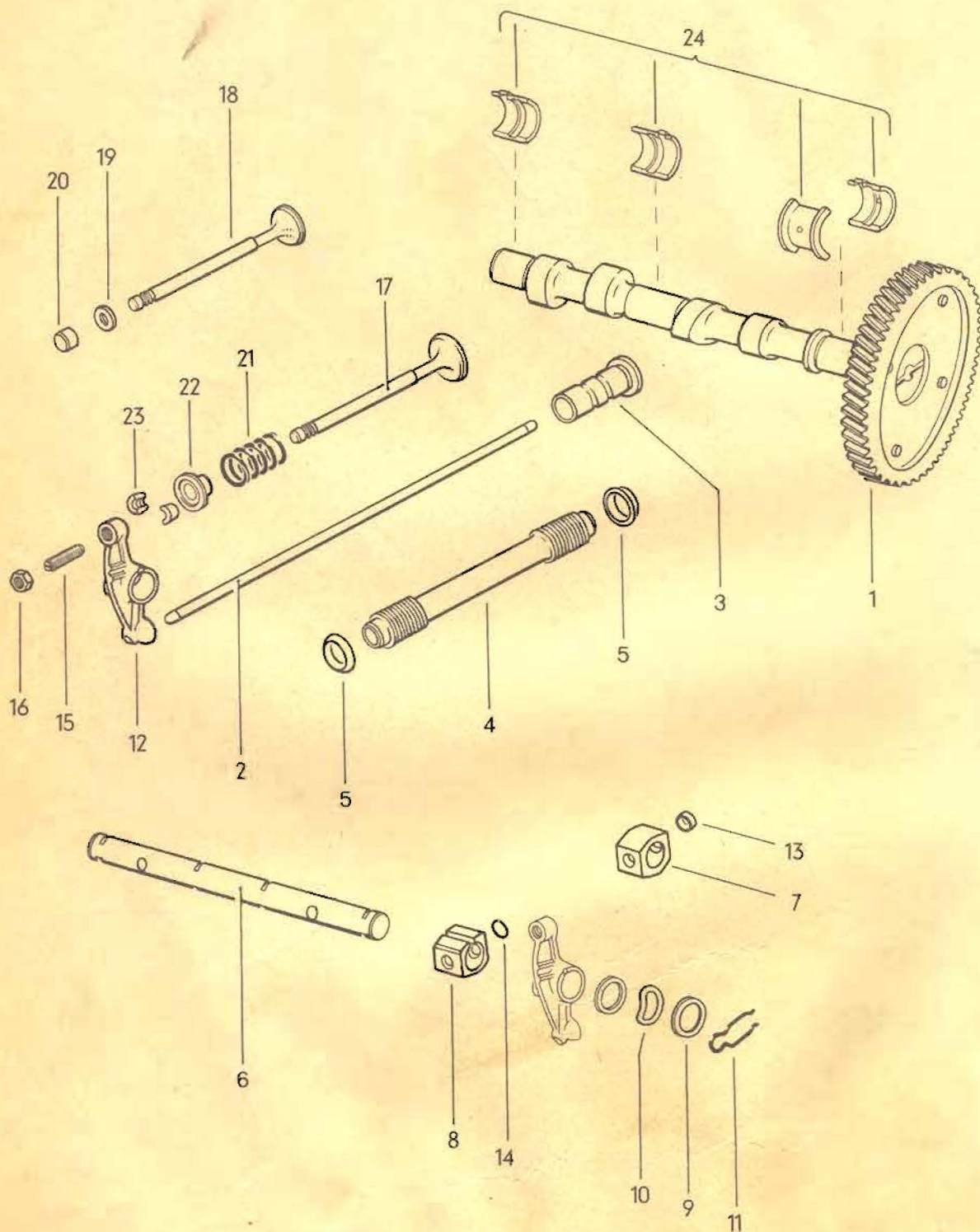
(1)	311 107 109 F	Piston 84 mm dia., (o. s.) from Eng. No. 65 746 to 164 420 003 pink	4	
(1)	311 107 109 AA	Piston 84 mm dia., (o. s.) from Eng. No. 65 746 to 255 339 from Eng. No. 255 340 to 1 100 000 from Eng. No. 255 340 use: to Eng. No. 1 100 000 311 107 309 C/319 001 blue 003 pink 002 green	4 4 4	311-314, 343, 345, 361-364 M 240 315-318, 365-368
(1)	341 107 109 A	Piston 84 mm dia. twin carburetor engine, (o. s.) from Eng. No. 255 340 to 1 100 000 001 blue 003 pink 002 green	4	311-314, 343-346, 361-364
(1)	*211 107 112	*Piston 85.5 mm dia., (standard size) from Eng.-No. U 0 502 001/U 5 000 001 from Eng.-No. X 0 000 001 001 blue 003 pink	4 4	M 236; M 236/M 239 M 236 M 27
2	*311 107 112 F	Piston 85.5 mm dia., (standard size) from Eng.-No. T 0 000 001 from Eng.-No. U 0 000 001 to U 0 502 000 001 blue 003 pink	4 4	311-314, 361-364 M 236
(2)	*311 107 112 J	Piston 85.5 mm dia. (recessed piston) from Eng. No. P 0 000 001 001 blue 003 pink 002 green	4	M 240. 311-314, 343-346, 361-364
(2)	211 107 116	*Piston 86.0 mm dia., (o. s.) from Eng.-No. U 0 502 001/U 5 000 001 from Eng.-No. X 0 000 001 001 blue 003 pink	4 4	M 236; M 236/M 239 M 236/M 27
(2)	311 107 116 C	Piston 86.0 mm dia., (o. s.) from Eng.-No. T 0 805 014 from Eng.-No. U 0 366 021 to U 0 502 000 001 blue 003 pink	4 4	311-314, 361-364 M 236
(2)	341 107 116	Piston 86 mm dia., (o. s.) from Eng.-No. T 0 000 001 to T 0 805 013 from Eng.-No. U 0 000 001 to U 0 366 020 003 pink	4 4	311-314, 343-346, 361-364 M 236

(2)	211 107 120	*Piston 86.5 dia., (o. s.) from Eng.-No. U 0 502 001/U 5 000 001 from Eng.-No. X 0 000 001 001 blue 003 pink	4 4	M 236; M 236 M 239 M 236 M 27
(2)	311 107 120 C	Piston 86.5 mm dia., (o. s.) from Eng.-No. T 0 000 001 from Eng.-No. U 0 000 001 to U 0 502 000 001 blue 003 pink	4 4	311-314, 343-346, 361-364 M 236
3	*311 107 301 C	Piston ring upper 83 mm dia., (standard size) from Eng. No. K 0 000 001/M 0 000 001	4	315-318, 365-368; M 240: 315-318, 365-368
(3)	*341 107 301	Piston ring 83 mm dia., (standard size) to Eng. No. 1 100 000 and R	8	
(4)	*341 107 302	Piston ring 85.5 mm dia., (standard size) from Eng.-No. T 0 000 001 to T 0 411 115 from Eng.-No. P 0 000 001 to P 0 001 499 from Eng.-No. T 0 411 116 from Eng.-No. P 0 001 500 from Eng.-No. U 0 000 001/U 5 000 001 from Eng.-No. X 0 000 001	8 8 4 4 4 4	311-314, 343-346, 361-364 M 240: 311-314, 361-364 311-314, 343-346, 361-364 M 240: 311-314, 361-364 M 236; M 236/M 239 M 236/M 27
(4)	*311 107 305 C	Piston ring upper 83.5 mm dia., (o. s.) from Eng. No. K 0 000 001/M 0 000 001	4	315-318, 365-368 M 240: 315-318, 365-368
(4)	*341 107 305	Piston ring 83.5 mm dia., (o. s.) to Eng. No. 1 100 000	8	
(4)	*341 107 306	Piston ring 86 mm dia., (o. s.) from Eng.-No. T 0 000 001 to T 0 411 115 from Eng.-No. P 0 000 001 to P 0 001 499 from Eng.-No. T 0 411 116 from Eng.-No. P 0 001 500 from Eng.-No. U 0 000 001/U 5 000 001 from Eng.-No. X 0 000 001	8 8 4 4 4 4	311-314, 343-346, 361-364 M 240: 311-314, 361-364 311-314, 343-346, 361-364 M 240: 311-314, 361-364 M 236; M 236/M 239 M 236/M 27
(4)	*311 107 309 C	Piston ring upper 84 mm dia., (o. s.) from Eng.-No. K 0 000 001 from Eng.-No. M 0 000 001	4 4	315-318, 365-368 M 240: 315-318, 365-368
(4)	*341 107 309	Piston ring 84 mm dia., (o. s.) to Eng. No. 1 100 000	8	

(4)	*341 107 310	Piston ring 86.5 mm dia., (o. s.) from Eng. -No. T 0 000 001 to T 0 411 115	8	311-314, 343-346, 361-364
		from Eng. -No. P 0 000 001 to P 0 001 499	8	M 240: 311-314, 361-364
		from Eng. -No. T 0 411 116	4	311-314, 343-346, 361-364
		from Eng. -No. P 0 001 500	4	M 240: 311-314, 361-364
		from Eng. -No. U 0 000 001/U 5 000 001	4	M 236; M 236 /M 239
		from Eng. -No. X 0 000 001	4	M 236 /M 27
5	*311 107 311	Piston ring lower 83 mm dia., (standard size) from Eng. -No. K 0 000 001 to K 0 078 229	4	315-318, 365-368
		from Eng. -No. M 0 000 001 to M 0 000 749	4	M 240: 315-318, 365-368
(5)	*311 107 315	Piston ring lower 83.5 mm dia., (o. s.) from Eng. -No. K 0 000 001 to K 0 078 229	4	315-318, 365-368
		from Eng. -No. M 0 000 001 to M 0 000 749	4	M 240: 315-318, 365-368
(5)	*311 107 319	Piston ring lower 84 mm dia., (o. s.) from Eng. -No. K 0 000 001 to K 0 078 229	4	315-318, 365-368
		from Eng. -No. M 0 000 001 to M 0 000 749	4	M 240: 315-318, 365-368
6	*341 107 334	Expander spring 85.5 – 86.5 mm dia. from Eng. -No. T 0 000 001 to T 0 411 115	4	311-314, 343-346, 361-364
		from Eng. -No. P 0 000 001 to P 0 001 499	4	M 240: 311-314, 361-364
7	*341 107 336	Scraper ring 86 mm dia., (o. s.) from Eng. -No. T 0 000 001 to T 0 411 115	4	311-314, 343-346, 361-364
		from Eng. -No. P 0 000 001 to P 0 001 499	4	M 240: 311-314, 361-364
(7)	*311 107 339	Scraper ring 84 mm dia., (o. s.) to Eng. No. 1 100 000	4	
		from Eng. -No. K 0 000 001 to K 0 078 229	4	315-318, 365-368
		from Eng. -No. M 0 000 001 to M 0 000 749	4	M 240: 315-318, 365-368
(7)	*341 107 340	Scraper ring 86.5 mm dia., (o. s.) from Eng. -No. T 0 000 001 to T 0 411 115	4	311-314, 343-346, 361-364
		from Eng. -No. P 0 000 001 to P 0 001 499	4	M 240: 311-314, 361-364
(5)	311 107 361	Piston ring lower 83 mm dia., (standard size) (stepped) to Eng. No. 1 100 000	4	
(5)	*311 107 361 A	Piston ring lower 83 mm dia., (standard size) (stepped) from Eng. -No. K 0 078 230	4	315-318, 365-368
		from Eng. -No. M 0 000 750	4	M 240: 315-318, 365-368
(5)	*341 107 361	Piston ring lower 85.5 mm dia., (standard size) (stepped) from Eng. -No. T 0 411 116	4	311-314, 343-346, 361-364, M250
		from Eng. -No. P 0 001 500	4	M 240: 311-314, 361-364
		from Eng. -No. U 0 000 001/U 5 000 001	4	M 236; M 236 /M 239
		from Eng. -No. X 0 000 001	4	M 236 /M 27

(5)	311 107 365	Piston ring lower 83.5 mm dia., (o. s.) (stepped) to Eng. No. 1 100 000	4	
(5)	*311 107 365 A	Piston ring lower 83.5 mm dia., (standard size) (stepped) from Eng.-No. K 0 078 230 from Eng.-No. M 0 000 750	4 4	315-318, 365-368 M 240: 315-318, 365-368
(5)	*341 107 365	Piston ring lower 86 mm dia., (o. s.) (stepped) from Eng.-No. T 0 411 116 from Eng.-No. P 0 001 500 from Eng.-No. U 0 000 001/U 5 000 001 from Eng.-No. X 0 000 001	4 4 4 4	311-314, 343-346, 361-364; M250 M 240: 311-314, 361-364 M 236; M 236/M 239 M 236/M 27
(5)	311 107 369	Piston ring lower 84 mm dia., (o. s.) (stepped) to Eng. No. 1 100 000	4	
(5)	*311 107 369 A	Piston ring lower 84 mm dia., (o. s.) (stepped) from Eng.-No. K 0 078 230 from Eng.-No. M 0 000 750	4 4	315-318, 365-368 M 240: 315-318, 365-368
(5)	*341 107 369	Piston ring lower 86.5 mm dia., (o. s.) (stepped) from Eng.-No. T 0 411 116 from Eng.-No. P 0 001 500 from Eng.-No. U 0 000 001/U 5 000 001 from Eng.-No. X 0 000 001	4 4 4 4	311-314, 343-346, 361-364 M 240: 311-314, 361-364 M 236; M 236/M 239 M 236/M 27
(7)	*311 107 371	Scraper ring 83 mm dia. with coil spring to Eng. No. 1 100 000 and R from Eng.-No. K 0 000 001 from Eng.-No. M 0 000 001	4 4 4	315-318, 365-368 M 240: 315-318, 365-368
(7)	*341 107 371	Scraper ring 85.5 mm dia. with coil spring from Eng.-No. T 0 000 001 from Eng.-No. P 0 000 001 from Eng.-No. U 0 000 001/U 5 000 001 from Eng.-No. X 0 000 001	4 4 4 4	311-314, 343-346, 361-364; M250 M 240: 311-314, 361-364 M 236; M 236/M 239 M 236/M 27
(7)	*311 107 375	Scraper ring 83.5 mm dia. with coil spring (o. s.) to Eng. No. 1 100 000 from Eng.-No. K 0 000 001 from Eng.-No. M 0 000 001	4 4 4	315-318, 365-368 M 240: 315-318, 365-368
(7)	*341 107 375	Scraper ring 86 mm dia., with coil spring (o. s.) from Eng.-No. T 0 411 116 from Eng.-No. P 0 001 500 from Eng.-No. U 0 000 001/U 5 000 001 from Eng.-No. X 0 000 001	4 4 4 4	311-314, 343-346, 361-364 M 240: 311-314, 361-364 M 236; M 236/M 239 M 236/M 27

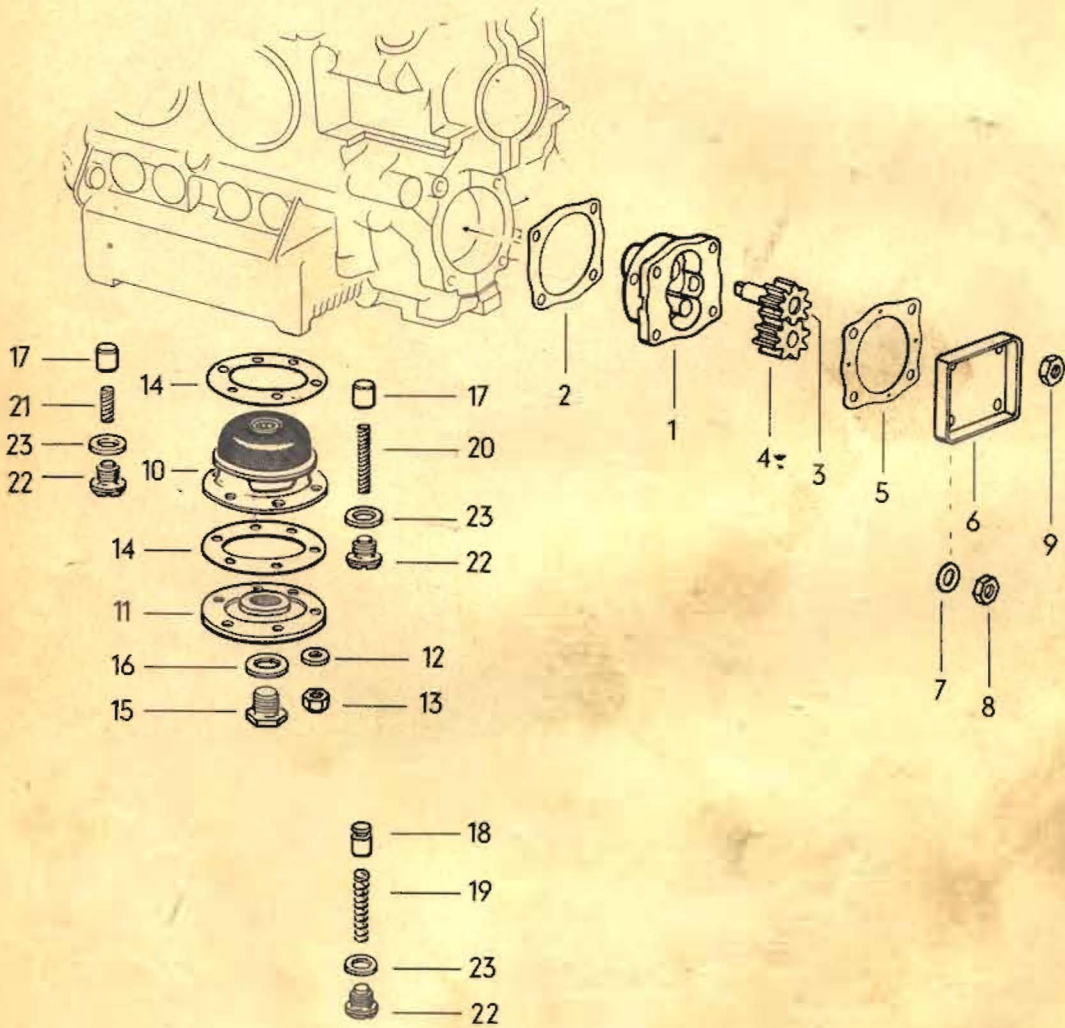
(7)	*311 107 379	Scrapper ring 84 mm dia. with coil spring (o. s.)		
		from Eng. -No. K 0 078 230	4	315-318, 365-368
		from Eng. -No. M 0 000 750	4	M 240: 315-318, 365-368
(7)	*341 107 379	Scrapper ring 86.5 mm dia. with coil spring (o. s.)		
		from Eng. -No. T 0 411 116	4	311-314, 343-346, 361-364
		from Eng. -No. P 0 001 500	4	M 240: 311-314, 361-364
		from Eng. -No. U 0 000 001/U 5 000 001	4	M 236; M 236 / M 239
		from Eng. -No. X 0 000 001	4	M 236 M 27
8	*311 107 411	Piston pin	4	
(8)	311 107 431	Piston pin (oversize, marked green)	X	
9	N 12 276 1	Circlip A 22 - Piston pin	8	



MAIN GROUP 1
ENGINE

Key	Part No.	Description	Qty.	Type and model
CAMSHAFT, VALVES				
(1)	113 109 015 D	Camshaft with timing gear - 3 to Eng. No. July 1971	X	
1	113 109 015 G	Camshaft with timing gear - 3 from Eng. No. August 1971	X	
(1)	113 109 017 D	Camshaft with timing gear - 2 to Eng. No. July 1971	X	
(1)	113 109 017 G	Camshaft with timing gear - 2 from Eng. No. August 1971	X	
(1)	113 109 019 D	Camshaft with timing gear - 1 to Eng. No. July 1971	X	
(1)	113 109 019 G	Camshaft with timing gear - 1 from Eng. No. August 1971	X	
(1)	113 109 021 D	Camshaft with timing gear 0 to Eng. No. July 1971	X	
(1)	113 109 021 G	Camshaft with timing gear 0 from Eng. No. August 1971	X	
(1)	113 109 023 D	Camshaft with timing gear +1 to Eng. No. July 1971	X	
(1)	113 109 023 G	Camshaft with timing gear +1 from Eng. No. August 1971	X	
(1)	113 109 025 D	Camshaft with timing gear +2 to Eng. No. July 1971	X	
(1)	113 109 025 G	Camshaft with timing gear +2 from Eng. No. August 1971	X	
(1)	113 109 027 D	Camshaft with timing gear +3 to Eng. No. July 1971	X	
(1)	113 109 027 G	Camshaft with timing gear +3 from Eng. No. August 1971	X	
(1)	113 109 029 D	Camshaft with timing gear +4 to Eng. No. July 1971	X	
(1)	113 109 031 D	Camshaft with timing gear +5 to Eng. No. July 1971	X	
(1)	113 109 033 D	Camshaft with timing gear +6 to Eng. No. July 1971	X	
(1)	113 109 035 D	Camshaft with timing gear +7 to Eng. No. July 1971	X	
(2)	311 109 301	Push rod - Valve to Eng. No. 266 357	8	
2	311 109 301 A	Push rod with knurling - Valve from Eng. No. 266 358	8	
3	113 109 309 C	Cam follower	8	
4	311 109 335	Tube - Push rod	8	
5	*113 109 345 A	Sealing washer for push rod tube	16	

6	113 109 407	Rocker shaft	2
7	113 109 427	Bearing support – Rocker shaft to Eng. No. 266 357	4
(9)	113 109 427 A	Bearing support (stud holes 8/8 mm dia.) for rocker shaft from Eng. No. 266 358 to 672 697	4
8	113 109 427 C	Bearing support (stud holes 8/9 mm dia.) for rocker shaft from Eng. No. 672 698	4
9	113 109 435	Thrust washer – Rocker arm	16
10	113 109 437	Spring washer – Rocker arm	8
11	113 109 439	Spring clip – Rocker shaft	8
12	311 109 443 B	Rocker arm with two ribs Use: 113 109 619 from Eng. No. 266 358 to 411 304	8
13	113 109 449 A	Sealing washer – Stud 113 101 397 A/B/399 A to Eng. No. 672 697	4
14	113 109 449 B	Sealing washer – Stud from Eng. No. 672 698	4
15	111 109 451	Adjusting screw – Valve	8
16	N 11 152 1	Nut hex. M 8 x 1	8
17	311 109 601	Intake valve 35.6 mm dia. (marked 'S')	4
(18)	311 109 612	Exhaust valve 32 mm dia. to Ch. No. 310 2500 000	4
18	113 109 612 A	Exhaust valve 32 mm dia. from Ch. No. 311 2000 001	4
19	113 109 619	Ring – Oil deflection	8
20	113 109 621	Cap – Valve stem	8
(21)	113 109 623 A	Spring – Valve to Eng. No. 663 330	8
21	113 109 623 C	Spring – Valve from Eng. No. 663 331	8
22	113 109 641 B	Seat – Valve spring	8
23	113 109 651 A	Cotter, split – Valve	16
24	111 198 541	1 set of camshaft bearings, outer dia. 27.5 mm (standard size)	1
(24)	111 198 542	1 set of camshaft bearings, outer dia. 28.0 mm (standard size) for remachined camshaft bores	1
(24)	111 198 543	1 set of camshaft bearings, outer dia. 27.5 mm (0.25 mm u.s.)	1



MAIN GROUP 1

ENGINE

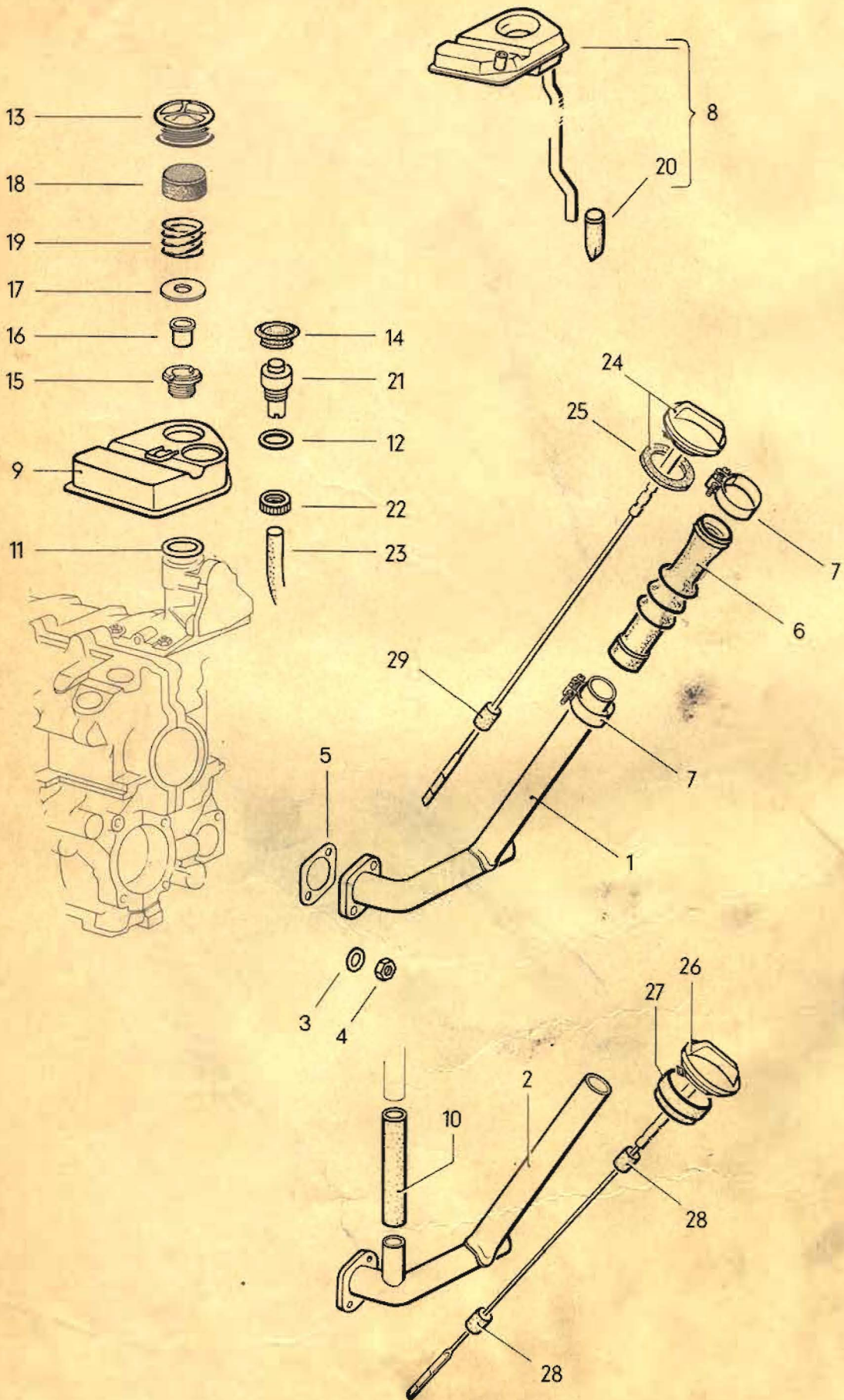
Key	Part No.	Description	Qty.	Type and model
OIL PUMP				
(1)	311 115 107	Body - Oil pump to Eng. No. K 0 090 195/T 0 445 097	1	
(1)	311 115 107 A	Body - Oil pump from Eng. No. K 0 090 196/T 0 445 098 to K 0 150 000/T 0 690 000	1	
(1)	111 115 107 A	Body - Oil pump from Eng. No. K 0 150 001/T 0 690 001 to Eng. No. July 1971	1	
1	111 115 107 B	Body - Oil pump from Eng. No. August 1971	1	
(2)	*111 115 111 A	Gasket - Oil pump body to Eng. No. K 0 090 195/T 0 445 097	2	
2	*111 115 111 B	Gasket - Oil pump body from Eng. No. K 0 090 196/T 0 445 098	1	
(3)	311 115 115	Gear and shaft - Oil pump to Eng. No. K 0 150 000/T 0 690 000	1	
(3)	111 115 115 B	Gear and shaft - Oil pump from Eng. No. K 0 150 001/T 0 690 001 to Eng. No. July 1971	1	
3	111 115 115 C	Gear and shaft - Oil pump from Eng. No. August 1971	1	
(4)	311 115 123 A	Gear - Oil pump (driven) to Eng. No. July 1971	1	
4	111 115 123 B	Gear - Oil pump (driven) from Eng. No. August 1971	1	
(5)	*111 115 131 A	Gasket - Oil pump cover to Eng. No. K 0 090 195/T 0 445 097	1	
5	*111 115 131 B	Gasket - Oil pump cover from Eng. No. K 0 090 196/T 0 445 098	1	
(6)	311 115 141	Cover - Oil pump to Eng. No. K 0 090 195/T 0 445 097	1	
6	311 115 141 C	Cover - Oil pump from Eng. No. K 0 090 196/T 0 445 098	1	
7	N 11 652 1	Washer 7 to Eng. No. K 0 090 194/T 0 445 096	4	
8	N 11 006 2	Nut, hex. M 6 to Eng. No. K 0 090 194/T 0 445 096	4	
9	111 115 161	Sealing nut M 8 for oil pump cover from Eng. No. K 0 090 196/T 0 445 098	4	
(10)	311 115 175 A	Oil strainer to Eng. No. K 0 150 000/T 0 690 000	1	
10	111 115 175 B	Oil strainer from Eng. No. K 0 150 001/T 0 690 001	1	

11	113 115 181 A	Cover - Oil strainer	1
12	N 13 804 2	Sealing washer A 6 x 10	6
13	N 11 062 3	Cap nut M 6	6
14	*113 115 189 A	Gasket 1 mm - Oil strainer cover	X
15	113 115 193	Oil drain plug	1
16	N 13 815 2	Gasket C 14 x 20	1
✓17	*113 115 411	Plunger - Oil pressure relief and oil pressure regulating valves from Eng. No. K 0 150 001/T 0 690 001	2
(17)	113 115 411 B	Plunger - Oil pressure relief and oil pressure regulating valves (oversize) from Eng. No. K 0 150 001/T 0 690 001	X
18	311 115 411	Plunger - Oil pressure relief valve to Eng. No. K 0 150 000/T 0 690 000	1
(18)	311 115 411 A	Plunger - Oil pressure relief valve (oversize) to Eng. No. K 0 150 000/T 0 690 000	X
19	113 115 421	Spring - Oil pressure relief valve to Eng. No. K 0 150 000/T 0 690 000	1
20	*111 115 421 A	Spring - Oil pressure relief valve from Eng. No. K 0 150 001/T 0 690 001	1
21	*111 115 425 A	Spring - Oil pressure regulating valve from Eng. No. K 0 150 001/T 0 690 001	1
22	*111 115 431 C	Plug M 18 x 1.5 - Oil pressure relief and oil pressure regulating valve to Eng. No. K 0 150 000/T 0 690 000 from Eng. No. K 0 150 001/T 0 690 001	2 1 2
23	N 13 817 1	Sealing washer C 18 x 22	1

MAIN GROUP 1

ENGINE

Oil filler



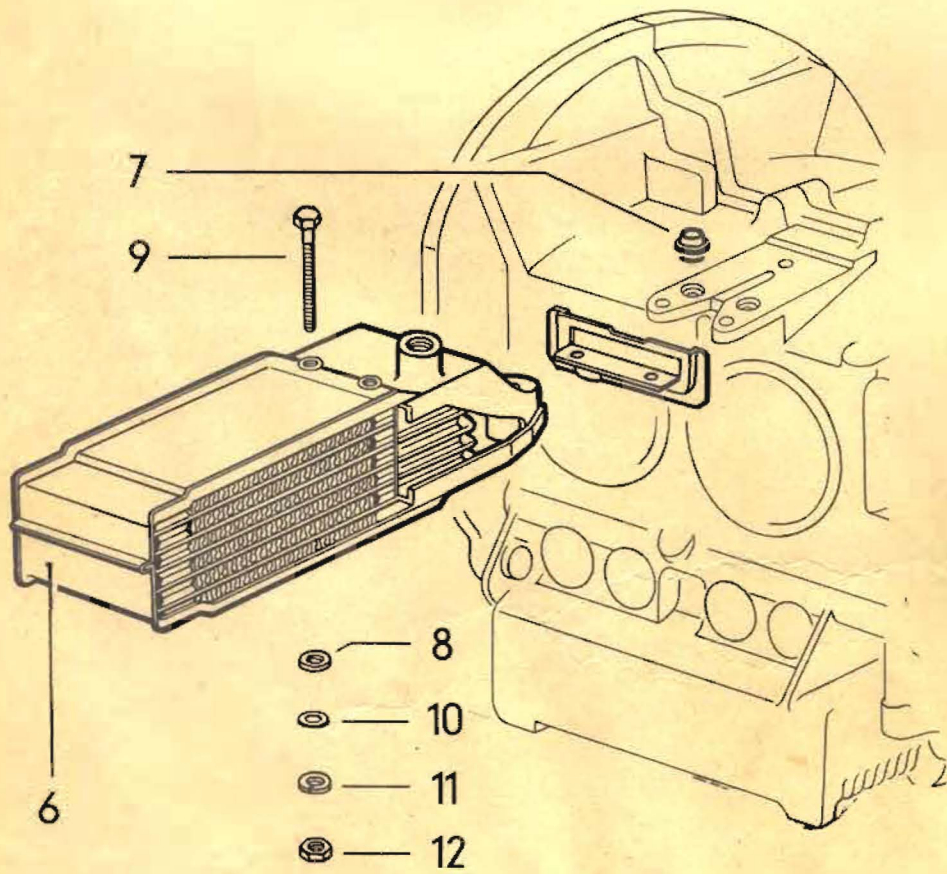
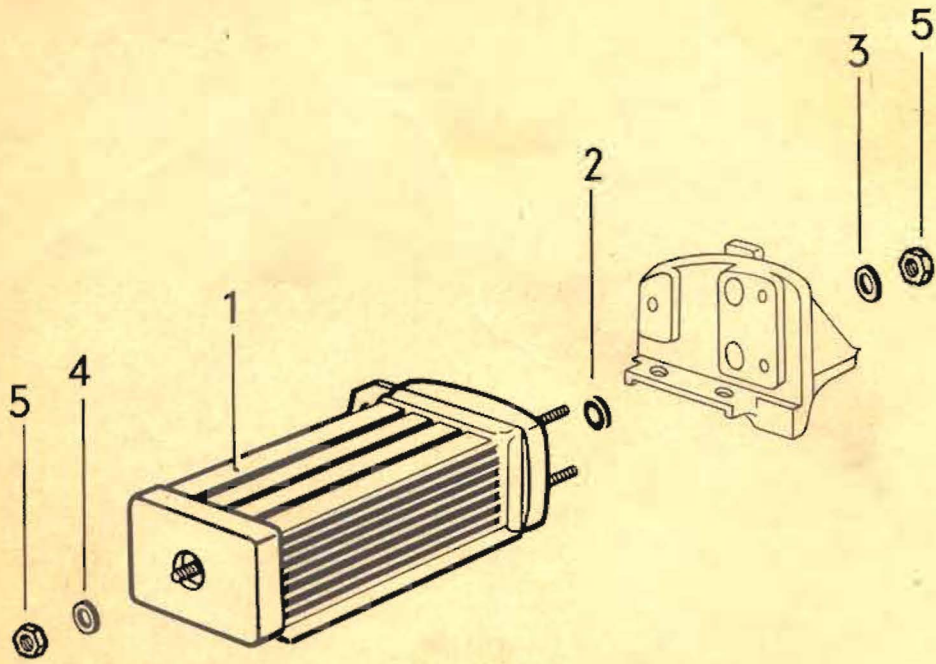
MAIN GROUP 1

ENGINE

Key	Part No.	Description	Qty.	Type and model
OIL FILLER				
1	311 115 303 B	Oil filler pipe to Eng.-No. K 0 098 700/M 0 001 000 to Eng.-No. T 0 476 124/P 0 001 900 from Eng.-No. K 0 120 745/M 0 002 445 from Eng.-No. T 0 574 186/P 0 004 321 from Eng.-No. U 0 502 001/U 5 000 001 from Eng.-No. X 0 000 001	1	311-318, 361-368
2	311 115 303 D	*Oil filler pipe from Eng.-No. K 0 098 701 to K 0 120 744 from Eng.-No. T 0 476 125 to T 0 574 185 from Eng.-No. M 0 001 001 to M 0 002 444 from Eng.-No. P 0 001 901 to P 0 004 320 from Eng.-No. U 0 000 001 to U 0 502 000	1	311-318, 361-368
(1)	341 115 303 A	Oil filler pipe to Eng.-No. K 0 098 700/M 0 001 000 to Eng.-No. T 0 476 124/P 0 001 900 from Eng.-No. K 0 120 745/M 0 002 445 from Eng.-No. T 0 574 186/P 0 004 321 to Eng.-No. K 0 150 000/M 0 003 544 to Eng.-No. T 0 690 000/P 0 005 282	1	343-346
(2)	341 115 303 C	Oil filler pipe from Eng.-No. K 0 098 701 to K 0 120 744 from Eng.-No. M 0 001 001 to M 0 002 444 from Eng.-No. T 0 476 125 to T 0 574 185 from Eng.-No. P 0 001 901 to P 0 004 320	1	343-346
3	N 12 241 2	Spring washer B 8 x 15	2	
4	N 11 008 8	Nut, hex. M 8	2	
5	*311 115 315 A	Gasket - Oil filler pipe	1	
6	311 115 329 B	Boot - Oil filler pipe	1	
7	311 115 341 A	Clip - Boot to Ch. No. 311 2031 555	2	
8	311 115 452 C	Oil breather	1	
9	311 115 452 H	*Oil breather from Eng.-No. U 0 502 001/U 5 000 001 from Eng.-No. X 0 000 001	1	M 236
10	N 20 370 1	*Connection hose between oil breather and oil filler pipe from Eng.-No. K 0 098 701 to K 0 120 744 from Eng.-No. M 0 001 001 to M 0 002 444 from Eng.-No. T 0 476 125 to T 0 574 185 from Eng.-No. P 0 001 901 to P 0 004 320 from Eng.-No. U 0 000 001 to U 0 502 000		
11	113 115 475	Gasket - Oil breather	1	

12	022 115 475	*Seal for disc valve from Eng.-No. U 0 502 001/U 5 000 001 from Eng.-No. X 0 000 001	1	M 236
13	311 115 485	Plug – Oil breather	1	
14	311 115 486	*Cap – Disc valve from Eng.-No. U 0 502 001/U 5 000 001 from Eng.-No. X 0 000 001	1	M 236
15	113 115 495	Gland nut – Oil breather	1	
16	341 115 521	Special washer – Oil breather (twin carburetor engine) from Eng. No. 255 340	1	311-314, 343-346, 361-364
17	341 115 525	Washer for filter (twin carburetor engine) from Eng. No. 255 340	1	311-314, 343-346, 361-364
(17)	311 115 525 A	Washer – Filter to Eng. No. 255 339 from Eng. No. 255 340	1 1	311-314, 343, 345, 361-364 315-318, 365-368
18	311 115 529 A	Filter – Oil breather to Eng.-No. K 0 120 744/M 0 002 444 to Eng.-No. T 0 574 185/P 0 004 320 to Eng.-No. U 0 093 651	1	
19	311 115 533	Spring – Oil breather from Eng.-No. K 0 120 745/M 0 002 445 from Eng.-No. T 0 574 186/P 0 004 321 from Eng.-No. U 0 093 652/U 5 000 001 from Eng.-No. X 0 000 001	1	
20	311 115 541	Rubber valve – Oil breather to Eng.-No. K 0 098 700/M 0 001 000 to Eng.-No. T 0 476 124/P 0 001 900 from Eng.-No. K 0 120 745/M 0 002 445 from Eng.-Nr. T 0 574 186/P 0 004 321 from Eng.-No. U 0 000 001 to U 0 502 000	1	
21	022 115 542	*Disc valve for oil breather from Eng.-No. U 0 502 001/U 5 000 001 from Eng.-No. X 0 000 001	1	M 236
22	022 115 544	*Knurled nut for disc valve from Eng.-No. U 0 502 001/U 5 000 001 from Eng.-No. X 0 000 001	1	M 236
23	N 20 374 1	*Hose 12 x 3.3 from disc valve to air cleaner from Eng.-No. U 0 502 001/U 5 000 001 from Eng.-No. X 0 000 001	X	M 236
24	311 115 605 A	Oil dipstick with filler cap	1	311-318, 361-368
25	111 115 487	Gasket 37 x 59 – Oil filler cover	1	311-318, 361-368
26	341 115 605 A	Oil dipstick with filler cap to Eng. No. T 0 690 000	1	343-346

27	341 115 621	Protection cap 12 mm dia. for oil dipstick to Eng. No. T 0 690 000	1	343-346
28	341 115 623	Protection ring 54 mm dia. for oil dipstick to Eng. No. T 0 690 000	2	343-346
29	311 115 635	Guide - Oil dipstick	1	



MAIN GROUP 1

ENGINE

Key	Part No.	Description	Qty.	Type and model
OIL COOLER				
1	311 117 021	Oil cooler to Eng. No. 65 745	1	
2	111 117 151	*Seal - Oil cooler to Eng. No. 65 745	2	
3	N 12 226 2	Spring washer B 6	2	
4	N 11 652 1	Washer 7	1	
5	N 11 006 2	Nut, hex. M 6	3	
6	311 117 021 B	Oil cooler from Eng. No. 65 746 (see VW Parts Service Bulletin 1/13) use: from Eng. No. 65 746 to K 0 150 000/T 0 690 000 111 198 029	1	
(7)	311 117 151 A	Seal - Oil cooler from Eng. No. 65 746 to K 0 150 000/T 0 690 000	2	
7	021 117 151	Seal - Oil cooler from Eng. No. K 0 150 001/T 0 690 001	2	
8	311 117 255	Spacer ring - Oil cooler	3	
9	N 10 313 2	Bolt, hex. hd. BM 6 x 85	2	
10	N 11 524 4	Washer A 6.4	2	
11	N 12 226 2	Spring washer B 6	2	
12	N 11 006 2	Nut, hex. M 6	2	
-	111 198 029	1 set of sealing washers for oil cooler to Eng. No. K 0 150 000/T 0 690 000	1	

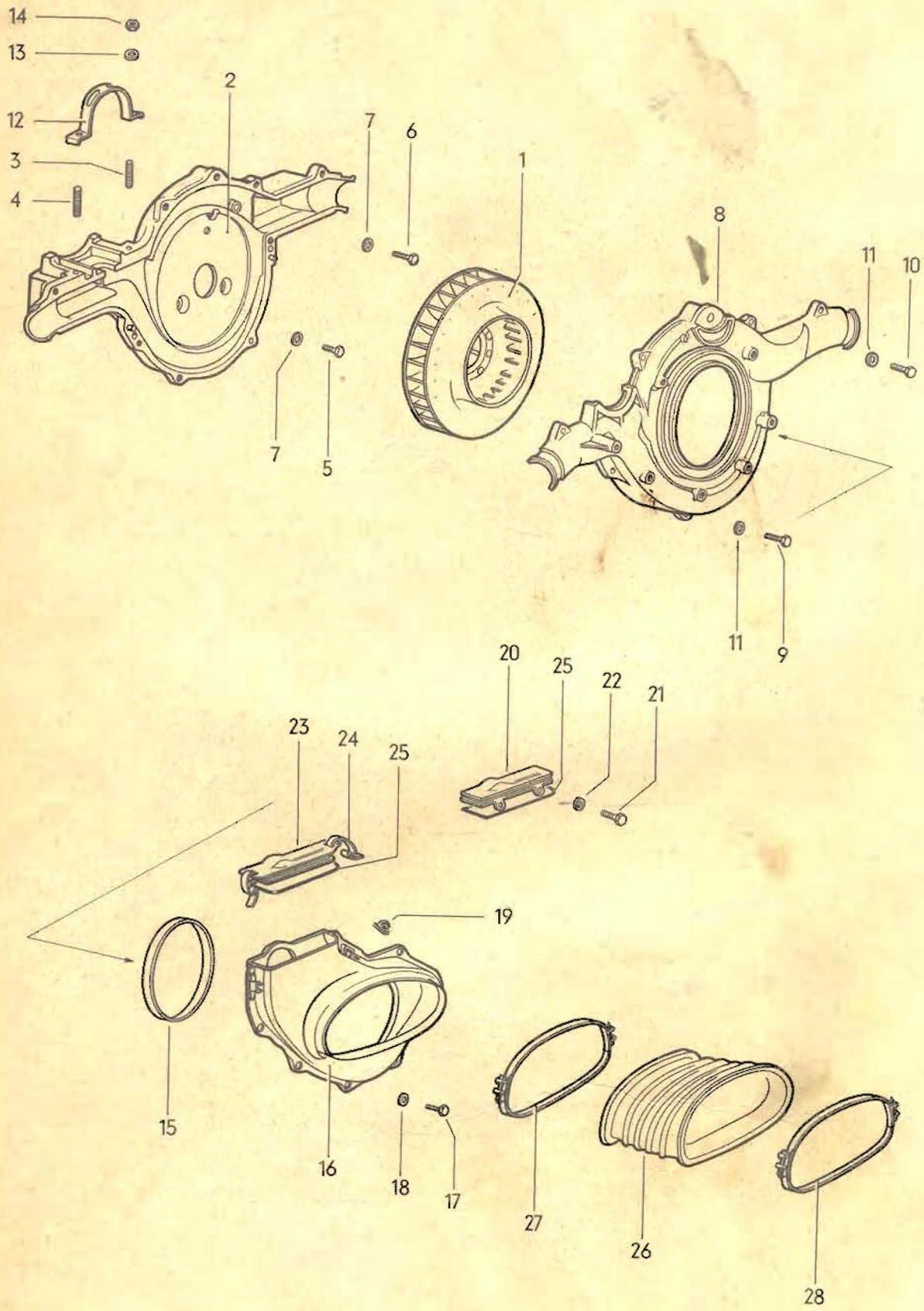


Illustration 5
Supplement 7

MAIN GROUP 1

ENGINE

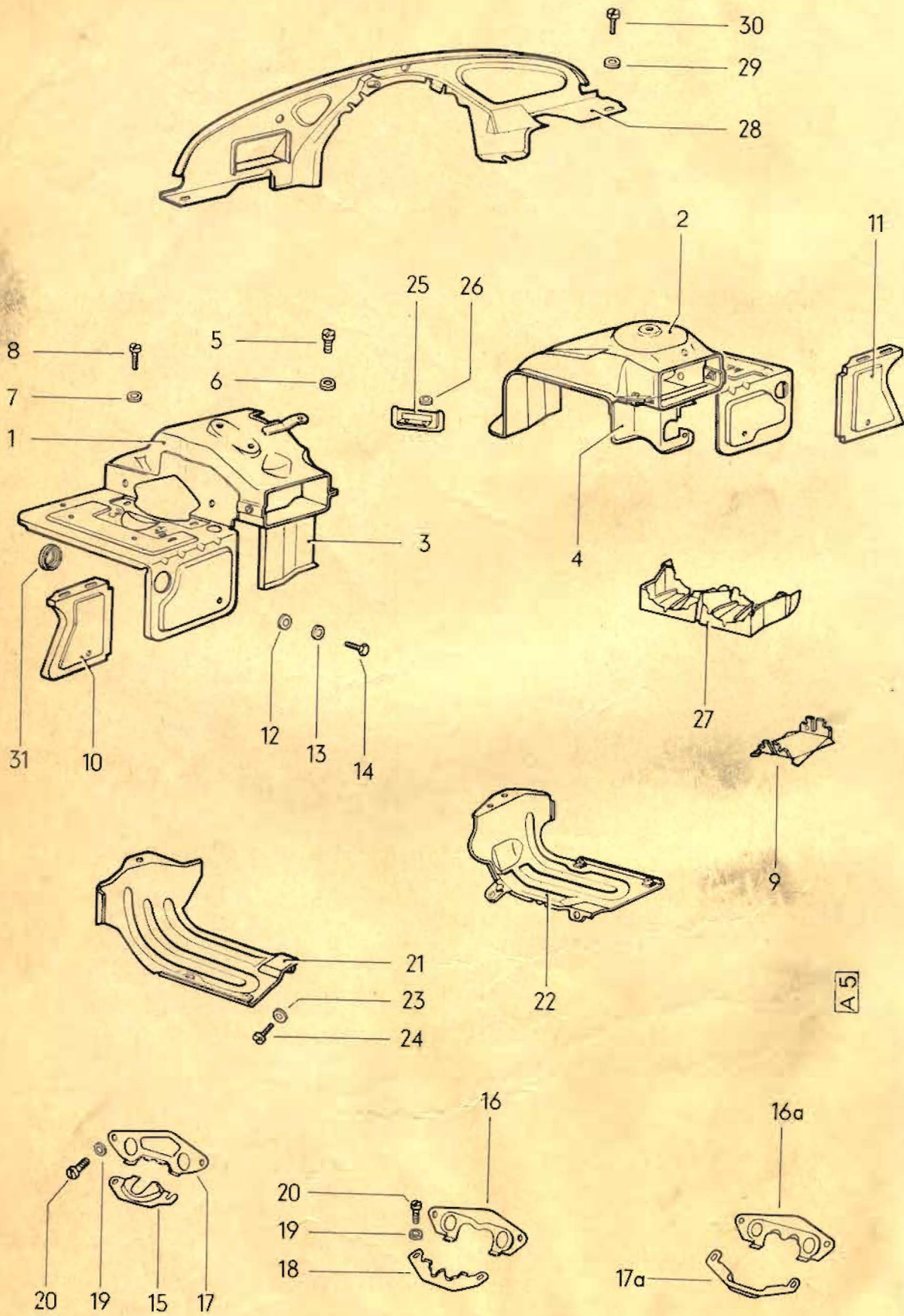
Key	Part No.	Description	Qty.	Type and model
AIR COOLING				
1	311 119 105 E	Fan	1	
(1)	311 119 105 G	Fan (Hub 0.5 mm oversize)	X	
(2)	311 119 213	Fan housing half, front to Eng. No. K 0 060 000/T 0 260 000 (to Eng. No. 255 339 the holes for the cooling air control must be sealed off with 111 301 115)	1	
2	311 119 213 A	Fan housing half, front from Eng. No. K 0 014 901/T 0 099 866 to K 0 060 000/T 0 260 000 from Eng. No. K 0 060 001/T 0 260 001	1	M 633
3	N 14 398 3	Stud AM 8 A x 27 for generator strap to Eng. No. 789 884	1	
4	N 14 443 4	Stud AM 8 A x 38 for generator strap to Eng. No. 789 884 from Eng. No. 789 885	1 2	
5	N 10 215 4	Bolt, hex. hd. M 6 x 15 to Eng. No. March 1971 from Eng. No. April 1971 from Eng. No. April 1971	4 3 4	311-314, 361-364 315-318, 365-368
6	N 10 219 1	Bolt, hex. hd. M 6 x 28 from Eng. No. April 1971	1	311-314, 361-364
7	N 12 127 2	Shake-proof washer A 6.4	4	
(8)	311 119 225 C	Fan housing half, rear to Eng. No. K 0 060 000/T 0 260 000	1	
8	311 119 225 D	Fan housing half, rear from Eng. No. K 0 014 901/T 0 099 866 to K 0 060 000/T 0 260 000 from Eng. No. K 0 060 001/T 0 260 001	1	M 633
9	N 10 222 3	Bolt, hex. hd. M 6 x 22 to Eng. No. March 1971 from Eng. No. April 1971 from Eng. No. April 1971	7 6 7	311-314, 361-364 315-318, 365-368
10	N 10 221 2	Bolt, hex. hd. M 6 x 35 from Eng. No. April 1971	1	311-314, 361-364
11	N 12 127 2	Shake-proof washer A 6.4	7	
(12)	311 119 293 B	Strap - Generator 90 mm dia. to Eng. No. K 0 060 000/T 0 260 000	1	
12	311 119 293 C	Strap - Generator 105 mm dia. from Eng. No. K 0 014 901/T 0 099 866 to K 0 060 000/T 0 260 000 from Eng. No. K 0 060 001/T 0 260 001	1 1	M 633

13	N 11 526 2	Washer B 8. 4	2	
14	N 11 008 8	Nut, hex. M 8	2	
15	311 119 599 A	Seal - Cooling air intake housing	1	
(16)	311 119 603 B	Intake housing - Cooling air to Eng. No. K 0 060 000/T 0 260 000 use to Eng. No. 574 403 311 119 639 C	1	
16	311 119 603 C	Intake housing - Cooling air from Eng. No. K 0 014 901/T 0 099 866 to K 0 060 000/T 0 260 000 from Eng. No. K 0 060 001/T 0 260 001	1	M 633
17	N 10 210 7	Bolt, hex. hd. M 6 x 10 K	7	
18	N 12 226 2	Spring washer B 6	7	
19	311 119 619 A	Plug for inspection hole in intake housing	1	
20	311 119 639 A	Cover - Intake housing to Eng. No. 574 403	1	
21	N 10 210 7	Bolt, hex. hd. M 6 x 10 K	3	
22	N 12 226 2	Spring washer B 6	3	
23	311 119 639 C	Cover - Cooling air intake housing from Eng. No. 574 404 to K 0 060 000/ T 0 260 000 from Eng. No. K 0 060 001/T 0 260 001	1	M 633
24	311 119 647	Spring - Cover from Eng. No. 574 404	2	
25	311 119 655 C	Gasket - Cover	1	
26	311 119 665 A	Bellows - Cooling air intake housing	1	
27	311 119 671	Hose clip, small - Bellows from Eng. No. April 1971	1	
(27)	311 119 671 A	Hose clip, small - Bellows to Eng. No. March 1971	1	
28	311 119 675	Hose clip, large - Bellows from Eng. No. April 1971	1	
(28)	311 119 675 A	Hose clip, large - Bellows to Eng. No. March 1971	1	

MAIN GROUP 1

ENGINE

Key	Part No.	Description	Qty.	Type and model
AIR COOLING				
1	311 119 105 E	Fan	1	
(1)	311 119 105 G	Fan (Hub 0.5 mm oversize)	X	
(2)	311 119 213	Fan housing half, front to Eng. No. K 0 060 000/T 0 260 000 (to Eng. No. 255 339 the holes for the cooling air control must be sealed off with 111 301 115)	1	
2	311 119 213 A	Fan housing half, front from Eng. No. K 0 014 901/T 0 099 866 to K 0 060 000/T 0 260 000 from Eng. No. K 0 060 001/T 0 260 001	1	M 633
3	N 14 398 3	Stud AM 8 A x 27 for generator strap to Eng. No. 789 884	1	
4	N 14 443 4	Stud AM 8 A x 38 for generator strap to Eng. No. 789 884	1	
		from Eng. No. 789 885	2	
5	N 10 215 4	Bolt, hex. hd. M 6 x 15 to Eng. No. March 1971 from Eng. No. April 1971	4 3	311-314, 361-364
		from Eng. No. April 1971	4	315-318, 365-368
6	N 10 219 1	Bolt, hex. hd. M 6 x 28 from Eng. No. April 1971	1	311-314, 361-364
7	N 12 127 2	Shake-proof washer A 6. 4	4	
(8)	311 119 225 C	Fan housing half, rear to Eng. No. K 0 060 000/T 0 260 000	1	
8	311 119 225 D	Fan housing half, rear from Eng. No. K 0 014 901/T 0 099 866 to K 0 060 000/T 0 260 000 from Eng. No. K 0 060 001/T 0 260 001	1	M 633
9	N 10 222 3	Bolt, hex. hd. M 6 x 22 to Eng. No. March 1971 from Eng. No. April 1971 from Eng. No. April 1971	7 6 7	311-314, 361-364 315-318, 365-368
10	N 10 221 2	Bolt, hex. hd. M 6 x 35 from Eng. No. April 1971	1	311-314, 361-364
11	N 12 127 2	Shake-proof washer A 6. 4	7	
(12)	311 119 293 B	Strap - Generator 90 mm dia. to Eng. No. K 0 060 000/T 0 260 000	1	
12	311 119 293 C	Strap - Generator 105 mm dia. from Eng. No. K 0 014 901/T 0 099 866 to K 0 060 000/T 0 260 000 from Eng. No. K 0 060 001/T 0 260 001	1 1	M 633



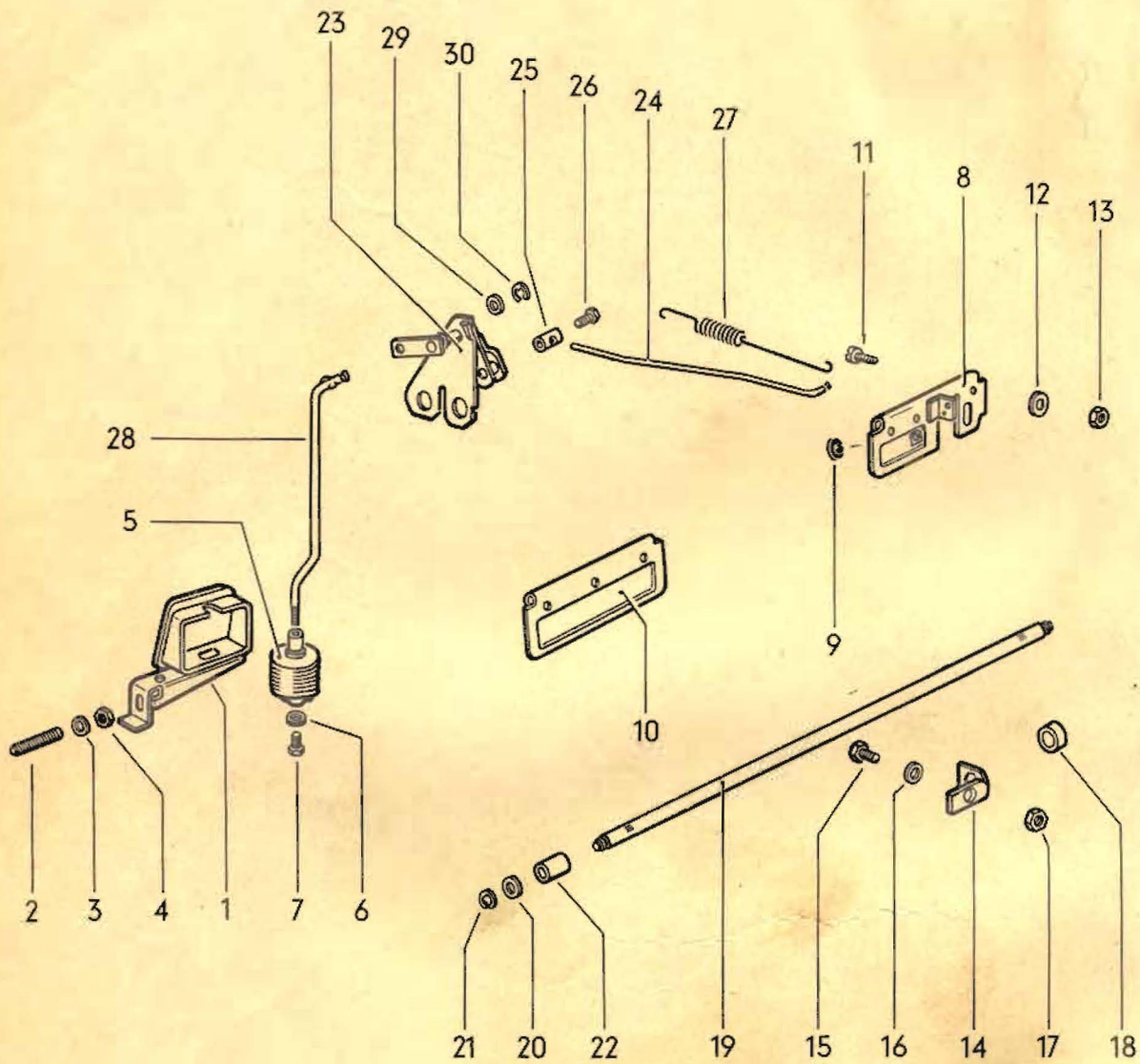
MAIN GROUP 1

ENGINE

Key	Part No.	Description	Qty.	Type and model
ENGINE COVER PLATES				
(1)	315 119 299 B	*Cover plate – Cylinder, left from Eng. No. K 0 198 000/T 0 933 000 use: from Eng. No. 255 340 to K 0 173 002/T 0 08015 113 311 119 301 D/335 D/113 119 451	1	
2	315 119 299 D	*Cover plate – Cylinder, left from Eng. No. K 0 198 001/T 0 933 001	1	
(2)	311 119 300 F	*Cover plate – Cylinder, right from Eng. No. 255 340 use: from Eng. No. 255 340 to K 0 173 002/T 0 805 113 311 119 302 D/336 D/113 119 451	1	
(2)	311 119 300 J	*Cover plate – Cylinder, right from Eng. No. X 0 000 001	1	M27/M236/M249
3	311 119 301 D	*Warm air duct, rear left from Eng.-Nr. K 0 173 003/T 0 805 114	1	
4	311 119 302 C	*Warm air duct, rear right from Eng. No. T 0 893 490	1	311-314, 361-364
(4)	311 119 302 D	*Warm air duct, rear right from Eng.-No. K 0 173 003/T 0 805 114 to TO 893 489/KO 187 429 from Eng. No. K 0 187 430	1	
5	N 10 714 3	Screw, cheese hd. AM 6 x 12	4	
6	N 12 226 2	Spring washer B 6	4	
(1)	311 119 303 A	*Cover plate – Cylinder, left to Eng. No. 65 745	1	
(1)	311 119 303 M	*Cover plate – Cylinder, left from Eng. No. 65 746 to 255 339 use: 311 119 325 A/315 119 329	1	
(2)	311 119 304 A	*Cover plate – Cylinder, right to Eng. No. 65 745	1	
(2)	311 119 304 M	*Cover plate – Cylinder, right from Eng. No. 65 746 to 255 339 use: 311 119 325 A/315 119 329	1	
7	N 11 652 1	Washer 7	7	
8	N 10 710 1	Screw, cheese head AM 6 x 10	7	
9	311 119 317	*Deflector plate to Eng.-Nr. K 0 173 002/T 0 805 113	2	
10	311 119 309	*Protection plate on cylinder cover plate, left to Eng. No. 255 339	1	

11	311 119 310	*Protection plate on cylinder cover plate, right to Eng. No. 255 339	1	
12	N 11 652 1	Washer 7	2	
13	N 12 226 2	Spring washer B 6	2	
14	N 10 212 3	Bolt, hex. hd. M 6 x 12	2	
15	311 119 325 A	Deflector plate outer for cylinder cover plate from Eng. No. K 0 060 001	2	315-318, 365-368
16	311 119 329 A	Deflector plate inner for cylinder cover plate from Eng. No. T 0 244 544	2	311-314, 343-346, 361-364
16a	311 119 329 B	*Deflector plate inner for cylinder cover plate	2	M 236
17	315 119 329	Deflector plate inner for cylinder cover plate from Eng. No. K 0 060 001	2	315-318, 365-368
17a	311 119 331 A	* Deflector plate outer for cylinder cover plate	2	M 236
18	311 119 331 B	Deflector plate outer for cylinder cover plate from Eng. No. T 0 244 544	2	311-314, 361-364
19	N 11 695 2	Washer 6. 1	8	
20	N 10 710 1	Screw, cheese hd. AM 6 x 10	8	
21	311 119 335 D	*Heater channel, lower left use: to Eng. No. K 0 173 002/T 0 805 013 311 119 301 D/113 119 451	1	
22	311 119 336 D	*Heater channel, lower right use: to Eng. No. K 0 173 002/T 0 805 013 311 119 302 D/113 119 451	1	
23	N 11 652 1	Washer 7	4	
24	N 10 710 1	Screw, cheese hd. AM 6 x 10	4	
25	311 119 349 A	*Deflector plate - Oil cooler from Eng.-No. 65 746 to K 0 150 000/T 0 690 000	1	
26	N 11 524 4	Washer A 6. 4	2	
-	311 119 405	*Extension plate - Cylinder cover plate left (see Workshop Manual A-31)	1	
-	311 119 406	*Extension plate - Cylinder cover plate right (see Workshop Manual A-31)	1	
27	113 119 451	*Deflector plate from Eng. No. K 0 173 003/T 0 805 014	2	
28	311 119 513 E	*Cover plate - Engine, front	1	
(28)	311 119 513 D	*Cover plate - Engine, front	1	M 249
29	N 11 652 1	Washer 7	2	
30	N 10 710 1	Screw, cheese hd. AM 6 x 10	2	

31	113 119 571	*Grommet - Carburetor pre-heating connection pipe to Eng. No. 33 980	1
-	113 119 581	*Plug for closing the 38 mm dia. opening in heater channel, lower, right	X

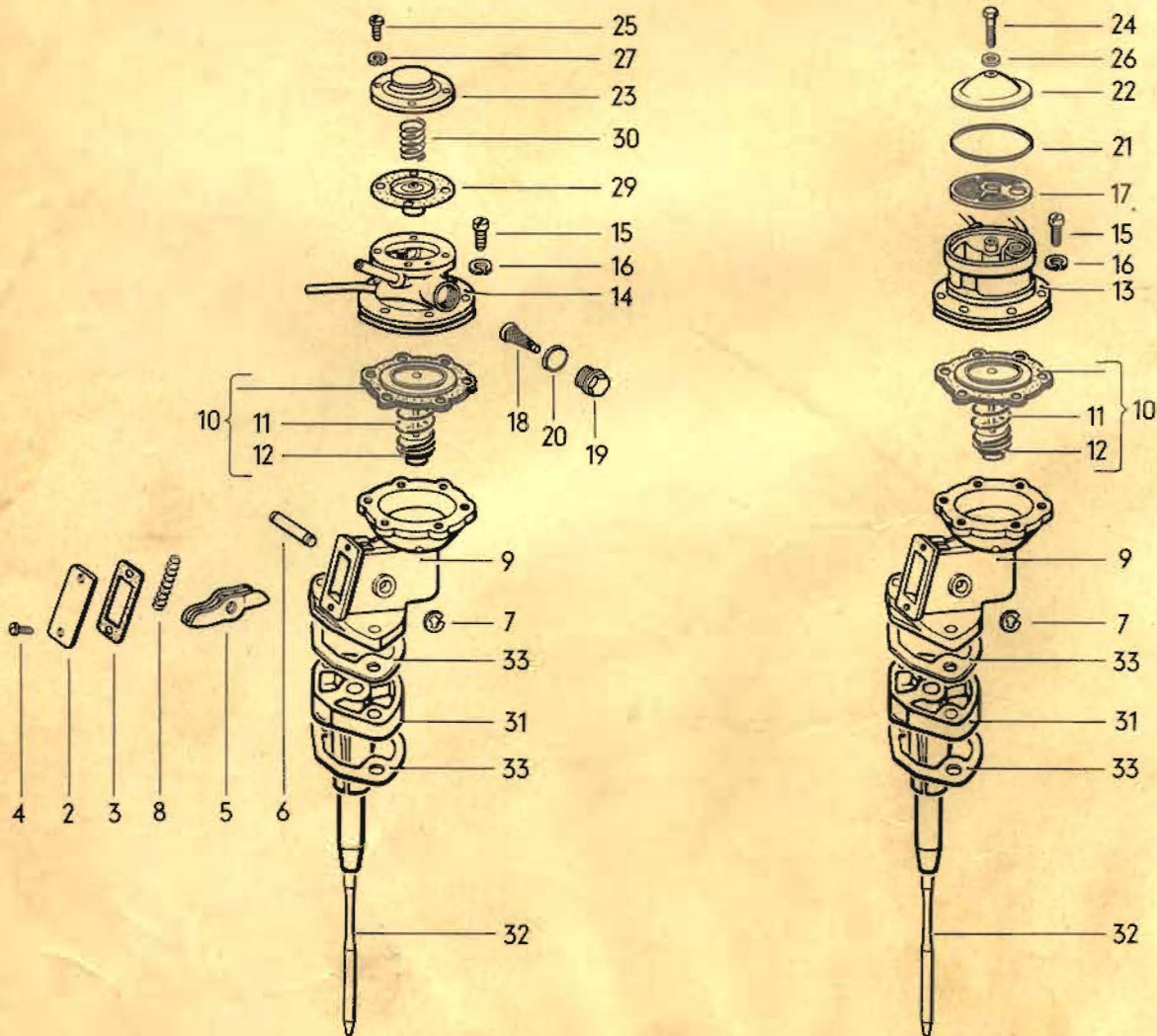
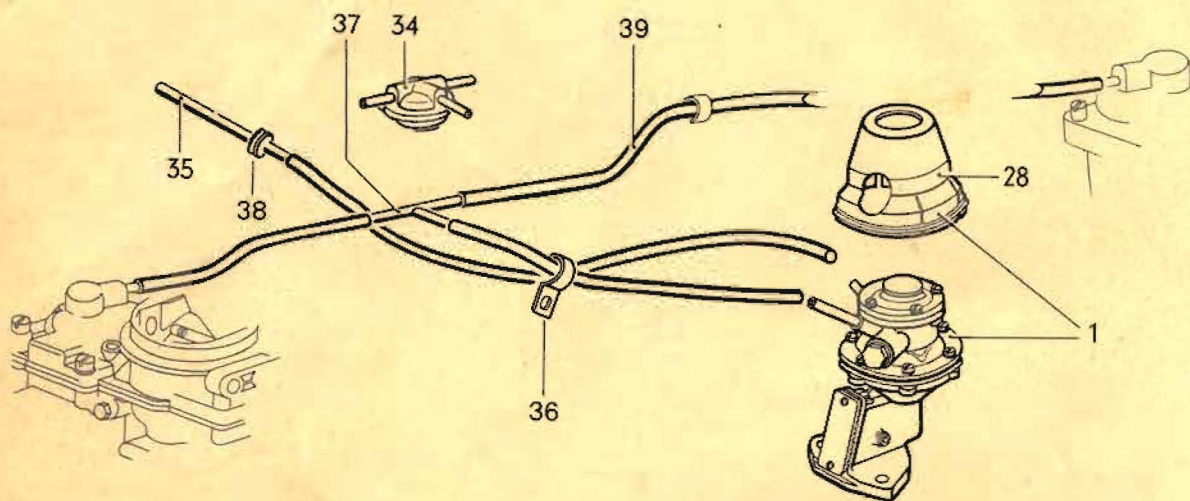


MAIN GROUP 1

ENGINE

Key	Part No.	Description	Qty.	Type and model
COOLING AIR CONTROL				
1	113 119 151 B	Bracket – Thermostat from Eng. No. 255 340	1	
2	N 14 532 2	Stud AM 8 A x 32	1	
3	N 11 654 2	Washer 9.5	1	
4	N 11 008 8	Nut, hex. M 8	1	
5	111 119 159 A	Thermostat from Eng. No. 255 340	1	
6	N 11 654 2	Washer 9.5	1	
7	N 10 238 7	Bolt, hex. hd. M 8 x 15	1	
8	311 119 706	Throttle flap right for cooling air control from Eng. No. 255 340	1	
9	N 20 022 3	Plug A 8 x 1	1	
10	311 119 707	Throttle flap left for cooling air control from Eng. No. 255 340	1	
11	N 10 703 2	Screw, cheese hd. AM 4 x 8	6	
12	N 12 224 1	Spring washer B 4	6	
13	N 11 004 2	Nut, hex. M 4	6	
(14)	311 119 715	Swivel mounting for throttle flap shaft from Eng. No. 255 340 to K 0 060 000/ T 0 260 000	1	
14	311 119 715 A	Swivel mounting for throttle flap shaft from Eng. No. K 0 014 901/T 0 099 866 to K 0 060 000/T 0 260 000 from Eng. No. K 0 060 001/T 0 260 001	1	M 633
15	N 10 210 7	Bolt, hex. hd. M 6 x 10 K	1	
16	N 12 226 2	Spring washer B 6	1	
17	N 11 106 1	Nut, hex. AM 6	1	
18	N 20 091 1	Grommet	1	
19	311 119 719	Throttle flap shaft from Eng. No. 255 340	1	
20	N 11 533 2	Washer A 7.4	2	
21	N 12 436 2	Lock washer 6	2	
(22)	311 119 721	Bush 8.4 mm dia. for throttle flap shaft from Eng. No. 255 340 to 1 024 802	2	
22	311 119 721 A	Bush 9.4 mm dia. for throttle flap shaft from Eng. No. 1 024 803	2	

23	311 119 731 A	Intermediate lever – Thermostat from Eng. No. 255 340 use to Eng. No. T 0 428 477/K 0 085 930 311 119 763 B or 311 119 763 C	1	
(24)	311 119 755	Rod – Throttle flap from Eng. No. 255 340 to 672 697 from Eng. No. T 0 244 544	1 1	311-314, 343-346, 361-364
24	311 119 755 A	Rod – Throttle flap from Eng. No. 672 698 from Eng. No. 672 698 to T 0 244 543	1 1	315-318, 365-368 311-314, 343-346, 361-364
25	111 129 921	Pin – Rod from Eng. No. 255 340	1	
26	N 10 206 1	Bolt, hex. hd. M 5 x 6	1	
27	311 119 759	Spring – Throttle flap from Eng. No. 255 340	1	
(28)	311 119 763 B	Connecting rod – Thermostat from Eng. -No. 672 698 to K 0 085 930/T 0 244 543 from Eng. -No. K 0 085 931	1 1	315-318, 365-368
28	311 119 763 C	Connecting rod – Thermostat from Eng. -No. 255 340 to 672 697 from Eng. -No. T 0 244 544	1 1	311-314, 343-346, 361-364
29	N 11 555 1	Washer 4.3	3	
30	N 12 432 1	Lock washer 2.3	2	



MAIN GROUP 1

ENGINE

Key	Part No.	Description	Qty.	Type and model
FUEL PUMP				
1	311 127 025 A	Fuel pump	1	
2	113 127 111 A	Inspection cover	1	
3	*113 127 113	Gasket – Inspection cover	1	
4	N 10 688 1	Screw, cheese hd. AM 3 x 8 for inspection cover	2	
5	113 127 117 A	Fuel pump rocker arm (one-piece)	1	
6	113 127 129	Dowel pin for fuel pump rocker arm	1	
7	N 12 434 1	Lock plate 4 – Dowel pin	2	
–	113 127 131	Return spring 25 mm – Fuel pump rocker arm (three-piece) to Eng. No. 13 112	1	
8	113 127 131 A	Return spring 33 mm – Fuel pump rocker arm (one-piece)	1	
9	113 127 139	Body – Fuel pump	1	
10	*311 127 141	Diaphragm with spring and two-piece collars (marked red)	1	
11	311 127 147	Spring – Fuel pump diaphragm (marked red)	1	
12	113 127 149 A	Two-piece collar	2	
13	311 127 171	Body upper – Fuel pump to Eng. No. 1 100 000	1	
14	311 127 171 A	Body upper – Fuel pump from Eng. No. K/T 0 000 001	1	
15	N 10 700 1	Screw, cheese hd. AM 5 x 12	6	
16	N 12 005 1	Lock washer B 5	6	
17	311 127 177	Fuel filter to Eng. No. 1 100 000	1	
18	111 127 177	Fuel filter from Eng. No. K/T 0 000 001	1	
19	111 127 179	Plug – Fuel filter from Eng. No. K/T 0 000 001	1	
20	*111 127 181	Sealing washer 15 x 18.5 x 1 for fuel filter plug from Eng. No. K/T 0 000 001	1	
21	*113 127 183	Gasket – Cover to Eng. No. 1 100 000	1	
22	113 127 185	Cover to Eng. No. 1 100 000	1	
23	311 127 185	Cover – Fuel pump upper part from Eng. No. K/T 0 000 001	1	

24	311 127 187	Bolt, hex. hd. M 5 x 12 – Cover to Eng. No. 1 100 000	1	
25	N 10 698 1	Screw, cheese hd. AM 4 x 12 from Eng. No. K/T 0 000 001	4	
26	*113 127 189	Sealing washer 5 x 9.5 x 1 – Bolt, hex. hd. to Eng. No. 1 100 000	1	
27	N 12 004 1	Lock washer B 4 from Eng. No. K/T 0 000 001	4	
–	311 127 195	Protection cap – Fuel pump to Eng. No. 1 100 000	1	
28	311 127 195 A	Protection cap – Fuel pump from Eng. No. K/T 0 000 001	1	
29	*311 127 201	Fuel cut-off diaphragm from Eng. No. K/T 0 000 001 to K 0 173 002/T 0 805 013	1	
–	*021 127 201	Cut-off diaphragm from Eng. No. K 0 173 003/T 0 805 014	1	
30	311 127 209	Spring – Cut-off diaphragm from Eng. No. K/T 0 000 001	1	
–	*311 127 215	Gasket – Cut-off diaphragm	1	
31	113 127 303	Intermediate flange – Fuel pump	1	
32	113 127 307	Push rod – Fuel pump	1	
33	*113 127 311	Gasket under intermediate flange	1	
–	*113 127 313	Gasket under fuel pump	X	
34	311 127 405	Valve – Fuel line for twin carburetor engine to Eng. No. 1 100 000	1	
35		Fuel line through front engine cover plate make up from 111 127 521 A to Ch. No. 317 500 000	1	
–	315 127 521 A	Fuel line through front engine cover plate (connection dimensions 8 and 6 mm dia.) from Ch. No. 318 000 001	1	
36	311 127 525	Clamp – Fuel hose	2	
–	111 127 537 A	Clip – Fuel line	4	311-314, 343-346, 361-364
			3	315-318, 365-368
37	341 127 561 A	T-piece – Fuel line from Eng. No. T 0 000 001	1	311-314, 343-346, 361-364
38	311 971 913	Grommet – Fuel line	1	
39	N 20 355 1	Fuel hose 5 x 2.5	*	

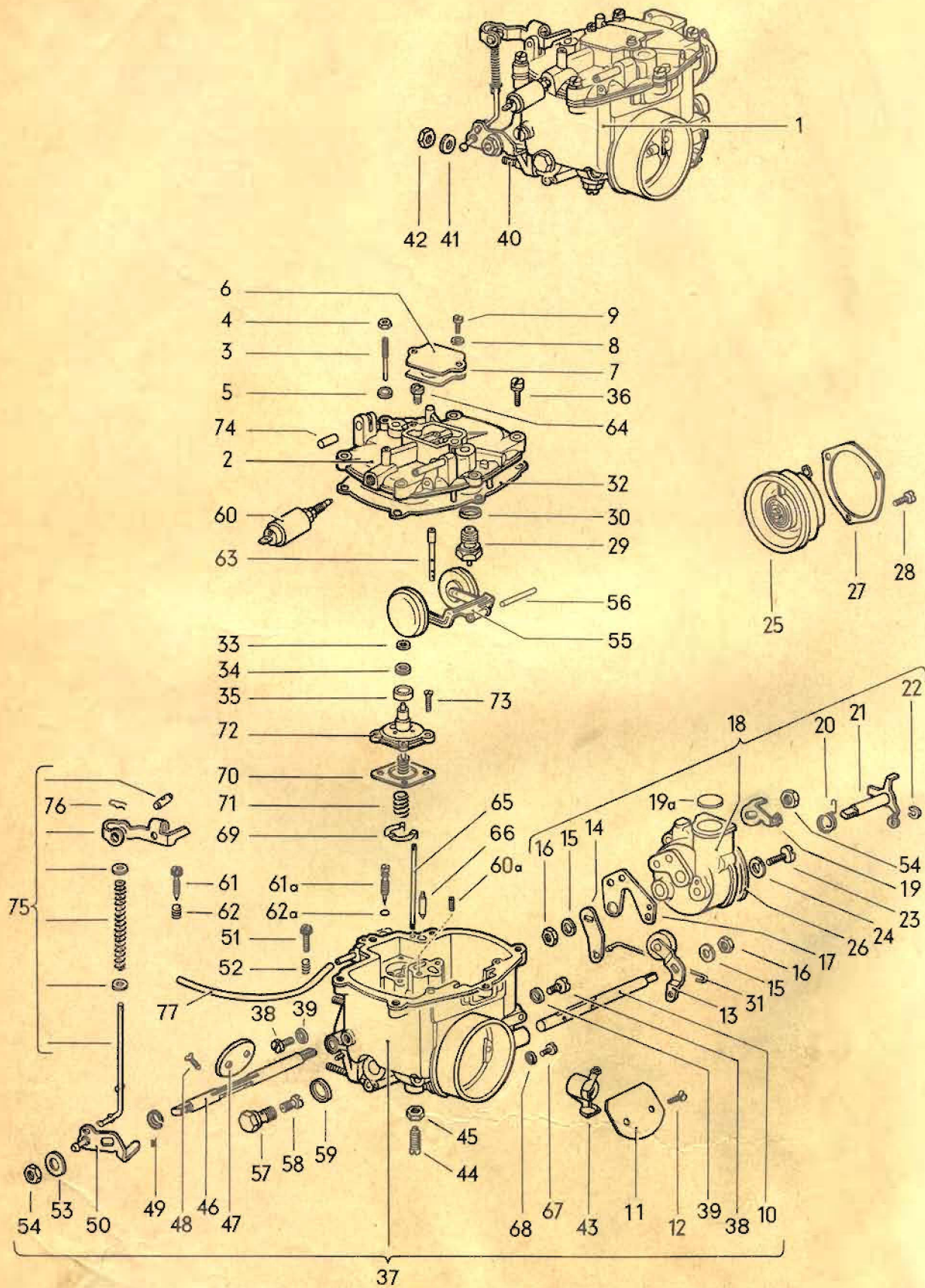


Illustration 7
Supplement 5

CARBURETOR 32 PHN

to Eng. No. 255 339
from Eng. No. 255 340

311-314,343,345,361-364
315-318, 365-368; M 3

Key	marked		from Eng. No.	to Eng. No.	Part No.
1	311 129 025	6 V	000 001	065 745	311 129 027 L + 311 129 191 A/ 413 D
2	311 129 027	12 V (M 630)	000 001	255 339	311 129 027 L
2a	♦311 129 025 J	6 V	000 001	K 0 060 000/ M 0 000 400	311 129 027 L + 311 129 191 A/ 413 F
2b	♦311 129 025 K	6 V	000 001	K 0 060 000/ M 0 000 400	311 129 027 L 311 129 191 A/ 113 129 414 B
3	311 129 025 B	6 V	065 746	084 751	311 129 027 L 311 129 191 A/ 413 D
4	311 129 025 A	6 V	084 752	255 339	311 129 027 L 311 129 191 A/ 413 D
5	311 129 025 D	6 V	255 340	K 0 060 000/ M 0 000 400	311 129 027 L 311 129 191 A/ 413 F
6	311 120 027 A	12 V (M 630)	255 340	K 0 060 000/ M 0 000 400	311 129 027 L
		12 V	K 0 060 001/ M 0 000 401	K 0 150 000/ M 0 003 544	
7	311 129 027 H	12 V	K 0 150 001/ M 0 003 545	K 0 173 002/ M 0 004 016	311 129 027 L
8	311 129 027 L	12 V	K 0 173 003/ M 0 004 017		311 129 027 L

♦ This carburetor was not a standard fitting and is used for repairs only.

Key	Part No.	Description	Qty.	Type and model
CARBURETOR 32 PHN				
1	311 129 027 L	Carburetor 32 PHN - 2	1	
-	311 129 109 A	Cover - Carburetor for carburetor 1, 3	1	
-	311 129 109 C	Cover - Carburetor for carburetor 2, 2a, 5, 6, 7	1	
2	311 129 109 D	Cover - Carburetor for carburetor 2b, 8	1	
3	311 129 111	Adjusting pin - Diaphragm for carburetor 2a, 2b, 5 - 8	1	
4	311 129 113	Nut, hex. - Adjusting pin for carburetor 2a, 2b, 5 - 8	1	

5	*111 129 447	Sealing washer 5 x 8 x 0.8 for carburetor 2a, 2b, 5 - 8	1
6	*311 129 117	Inspection plate - Carburetor cover for carburetor 1 - 8	1
7	*311 129 119	Gasket - Inspection cover for carburetor 1 - 8	1
8	N 12 004 1	Lock washer B 4 for carburetor 1 - 8	2
9	311 129 123	Screw, cheese hd. - Inspection plate for carburetor 1 - 8	2
10	311 129 131	Choke shaft for carburetor 1 - 8	1
11	311 129 135	Choke valve for carburetor 1 - 8	1
12	113 129 149	Screw, csk. raised hd. 3 x 6 for choke valve for carburetor 1 - 8	2
13	311 129 151	Choke valve lever with weight for carburetor 1 - 8	1
14	311 129 153	Choke lever for carburetor 1 - 8	1
15	N 12 006 2	Lock washer B 6 for carburetor 1 - 8	2
16	113 129 157	Nut, hex. for carburetor 1 - 8	2
17	311 129 159	Sealing plate - Choke housing for carburetor 1 - 8	1
18	311 129 161	Choke housing with levers for carburetor 1 - 8	1
19	311 129 163	Stop lever - Fast idle cam for carburetor 1 - 8	1
19 _a	311 129 175	End cover - Vacuum piston cylinder for carburetor 1 - 8	1
20	311 129 181	Spring - Fast idle cam for carburetor 1 - 8	1
21	311 129 183	Intermediate spindle with operating lever for carburetor 1 - 8	1
22	311 129 187	Clip - Piston rod for carburetor 1 - 8	1
23	311 129 189	Screw, cheese hd. - Choke housing for carburetor 1 - 8	2
24	N 12 005 1	Lock washer B 5 for carburetor 1 - 8	2
-	311 129 191 A	Cover with spring and heater element 6 V for carburetor 1, 2a, 2b, - 5	1
25	311 129 191 B	Cover with spring and heater element 12 V for carburetor 2.6, 7, 8	1

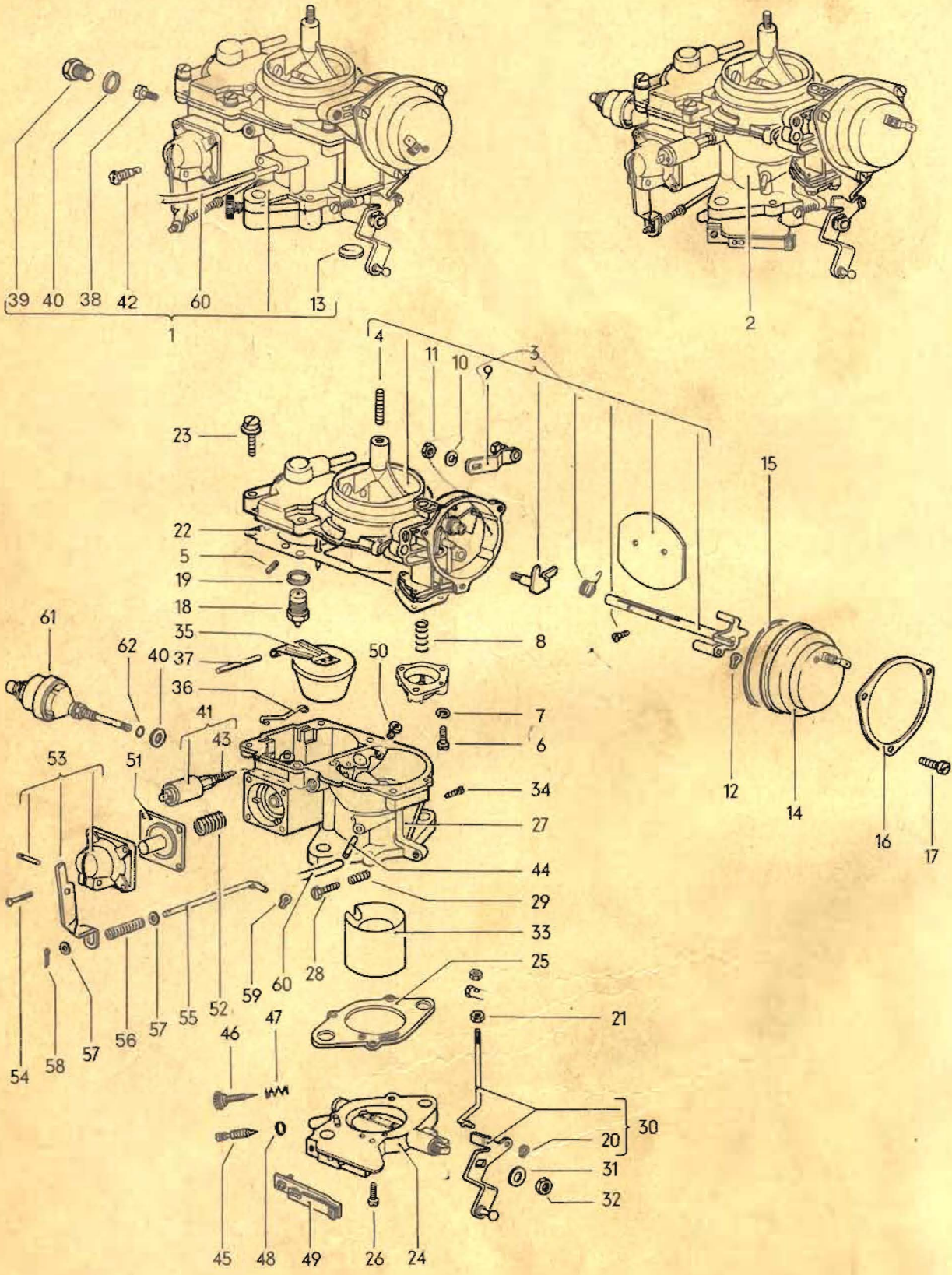
26	*311 129 193	Gasket - Cover for carburetor 1 - 8	1
27	311 129 199	Retaining ring - Cover for carburetor 1 - 8	1
28	311 129 123	Screw, cheese hd. - Retaining ring for carburetor 1 - 8	3
29	111 129 201	Needle valve 1.5 mm dia. for carburetor 1 - 8	1
30	*111 129 213 C	Sealing washer 12 x 15 x 1 for needle valve for carburetor 1 - 8	1
31	311 129 255	Connecting rod - Choke valve lever and choke lever for carburetor 1 - 8	1
32	*311 129 281 B	Gasket between carburetor body and cover for carburetor 1 - 8	1
33	N 11 523 3	Washer A 5.3 - Push rod for carburetor 1 - 8	1
34	*311 129 285	Felt ring - Push rod for carburetor 1 - 8	1
35	*311 129 287	Sealing ring - Push rod for carburetor 1 - 8	1
36	311 129 289 A	Screw - Carburetor cover for carburetor 1 - 8	6
-	311 129 301	Main body - Carburetor for carburetor 1, 3	1
-	311 129 301 B	Main body - Carburetor for carburetor 2, 4, 5, 6	1
-	311 129 301 H	Main body - Carburetor for carburetor 2a, 7	1
37	311 129 301 L	Main body - Carburetor for carburetor 2b, 8	1
38	311 129 307	Plug M 6 x 6 - Body drillings for carburetor 1 - 8	2
39	*311 129 309	Gasket 6 x 8.8 x 1 - Plug for carburetor 1 - 8	2
40	111 129 317	Stud - Carburetor mounting for carburetor 1 - 8	2
41	N 12 229 1	Spring washer A 8 for carburetor 1 - 8	2
42	N 11 008 3	Nut, hex. M 8 for carburetor 1 - 8	2
43	311 129 327 A	Atomizer for carburetor 1 - 8	1
44	311 129 329	Grub screw - Atomizer for carburetor 1 - 8	1
45	111 129 157	Nut, hex. for carburetor 1 - 8	1

46	311 129 335	Shaft – Throttle for carburetor 1 – 8	1
47	311 129 337	Throttle valve for carburetor 1 – 8	1
48	111 129 149 B	Screw, csk. raised hd. 4 x 7 for throttle valve for carburetor 1 – 8	2
49	311 129 341	Sealing ring – Throttle valve shaft for carburetor 1 – 8	1
50	311 129 343	Throttle lever for carburetor 1 – 8	1
51	311 129 347	Idling stop screw for carburetor 1 – 8	1
52	111 129 429 B	Spring for idling stop screw for carburetor 1 – 8	1
53	113 129 355 A	Lock plate for nut, hex. for carburetor 1 – 8	1
54	111 129 157	Nut, hex. for throttle valve shaft for carburetor 1 – 8	2
55	311 129 391	Float for carburetor 1 – 8	1
56	311 129 399	Pin – Float lever for carburetor 1 – 8	1
57	111 129 401 A	Carrier – Main jet for carburetor 1 – 8	1
–	311 129 405	Main jet 137.5 for carburetor 1, 2	1
–	311 129 405 A	Main jet 132.5 for carburetor 3, 4	1
58	311 129 405 B	Main jet 127.5 for carburetor 2b, 5, 6, 8	1
–	111 129 405 M	Main jet 130 for carburetor 2a, 7	1
59	*111 129 409	Sealing washer 11 x 14.8 x 1.2 for carrier for carburetor 1 – 8	1
–	311 129 413 E	Idling cut-off valve g 45/12 V for carburetor 2	1
–	311 129 413 D	Idling cut-off valve g 45/6 V for carburetor 1, 3, 4	1
–	311 129 413 F	Idling cut-off valve g 50/6 V for carburetor 2a, 5	1
–	311 129 413 G	Idling cut-off valve g 50/12 V for carburetor 6, 7	1

60	113 129 414	Idling cut-off valve 1.8/12 V for carburetor 8	1
-	113 129 414 B	Idling cut-off valve 1.8/6 V for carburetor 2b	1
60 a	311 129 415	Pilot jet 55 for carburetor 2b, 8	1
-	311 129 417	Cap M 30 for idling cut-off valve	1
-	311 129 417 A	Cap M 8 for idling cut-off valve	1
61	311 129 427	Volume control screw for carburetor 1, 2, 3 - 6	1
61 a	113 129 427 E	Volume control screw for carburetor 2a, 2b, 7, 8,	1
-	113 129 428	Plug for volume control screw for carburetor 2a, 2b, 7, 8	1
62	111 129 429 B	Spring for volume control screw for carburetor 1, 2, 3 - 6	1
62 a	113 129 430	O-Ring for volume control screw for carburetor 2a, 2b, 7, 8	1
63	311 129 433	Emulsion tube 48 for carburetor 1 - 8	1
-	311 129 435 A	Air correction jet 125 for carburetor 1 - 8	1
64	311 129 435 B	Air correction jet 115 for carburetor 1 - 8	1
65	311 129 441	Capacity rod 3.5 x 57 for carburetor 1 - 8	1
66	311 129 443	Needle valve rod 5 x 19 for carburetor 1 - 8	1
67	311 129 445	Screw, cheese hd. for pump injector tube for carburetor 1 - 8	1
68	*311 129 447	Sealing ring 3 x 5.5 x 05 - Screw, cheese hd. for carburetor 1 - 8	1
69	311 129 449	Spacer washer - Pump for carburetor 1 - 8	1
70	311 129 451 C	Diaphragm with push rod for carburetor 1, 2a, 3 - 7	1
-	311 129 451 D	Diaphragm with push rod for carburetor 2b, 8	1
71	311 129 467	Spring - Diaphragm for carburetor 1 - 8	1
72	311 129 471 A	Cover - Pump	1

for carburetor 1 - 8

73	111 129 473	Screw, csk. raised hd. 4 x 10 for cover for carburetor 1 - 8	4
74	311 129 479	Pin - Pump lever for carburetor 1 - 8	1
75	311 129 481 A	Throttle connector rod with pump lever for carburetor 1 - 8	1
76	311 129 489	Lock spring - Connector rod for carburetor 1 - 8	1
77	N 20 353 1	Vacuum tube for carburetor 1 - 8	X
-	311 129 501 B	Corrector H 27 - High altitude	1
-	113 129 501 A	Corrector H 33 - High altitude	1



CARBURETOR VERSIONS 32 PDSIT

from Eng. No. 255 340

311-314,343-346,361-364, M 250

from Eng. No. T 0 463 930

M 249

No.	marked		from Eng.No.	to Eng.No.	Part No.
1	341 129 025	6 V	255 340	633 330	341 129 025
2	♦ 311 129 025 E	6 V	255 340	633 330	341 129 025
3	341 129 026	6 V	255 340	633 330	341 129 026
4	♦ 311 129 026 E	6 V	255 340	633 330	341 129 026
5	341 129 027	12 V (M 630, M 633)	255 340	633 330	341 129 025 + 311 129 191 E
6	341 129 028	12 V (M 630, M 633)	255 340	633 330	341 129 026 + 311 129 192 E
7	341 129 025 A	6 V	633 331	1 100 000	311 129 025 F
8	♦ 311 129 025 F	6 V	633 331	1 100 000	311 129 025 F
9	341 129 026 A	6 V	633 331	1 100 000	311 129 026 F
10	♦ 311 129 026 F	6 V	633 331	1 100 000	311 129 026 F
11	341 129 027 A	12 V (M 630, M 633)	633 331	1 100 000	311 129 025 F + 311 129 191 E
12	♦ 311 129 027 C	12 V (M 630, M 633)	633 331	1 100 000	311 129 025 F + 311 129 191 E
13	341 129 028 A	12 V (M 630, M 633)	633 331	1 100 000	311 129 026 F + 311 129 192 E
14	♦ 311 129 028 C	12 V (M 630, M 633)	633 331	1 100 000	311 129 026 F + 311 129 192 E
15	341 129 025 B	6 V	T 0 000 001	T 0 244 543	311 129 025 G
16	♦ 311 129 025 G	6 V	T 0 000 001	T 0 244 543	311 129 025 G
17	341 129 026 B	6 V	T 0 000 001	T 0 244 543	311 129 026 G
18	♦ 311 129 026 G	6 V	T 0 000 001	T 0 244 543	311 129 026 G
19	341 129 027 B	12 V (M 630, M 633)	T 0 000 001	T 0 244 543	311 129 025 G + 311 129 191 E/ 341 129 413 A
20	♦ 311 129 027 E	12 V (M 630, M 633)	T 0 000 001	T 0 244 543	311 129 025 G + 311 129 191 E/ 341 129 413 A
21	341 129 028 B	12 V (M 630, M 633)	T 0 000 001	T 0 244 543	311 129 026 G + 311 129 192 E/ 341 129 413 A
22	♦ 311 129 028 E	12 V (M 630, M 633)	T 0 000 001	T 0 244 543	311 129 026 G + 311 129 192 E/ 341 129 413 A
23	341 129 025 C	6 V	T 0 244 544	T 0 260 000	311 129 027 D + 311 129 191 F/ 311 129 413 F/405 C / 111 129 435 Q

♦ This carburetor was not a standard fitting and is used for repairs only.

24	♦ 311 129 025 H	6 V	T 0 244 544	T 0 260 000	311 129 027 D + 311 129 191 F/ 311 129 413 F
25	341 129 026 C	6 V	T 0 244 544	T 0 260 000	311 129 028 D + 311 129 192 F/ 311 129 413 F/ 341 129 405 B
26	♦ 311 129 026 H	6 V	T 0 244 544	T 0 260 000	311 129 028 D + 311 129 192 F/ 311 129 413 F
27	341 129 027 C	12 V (M 630, M 633) 12 V	T 0 244 544 T 0 260 001	T 0 260 000 T 0 690 000	311 129 027 D + 341 129 405 C/ 111 129 435 Q
28	♦ 311 129 027 D	12 V (M 630, M 633) 12 V	T 0 244 544 T 0 260 001	T 0 260 000 T 0 690 000	311 129 027 D
29	341 129 028 C	12 V (M 630, M 633) 12 V	T 0 244 544 T 0 260 001	T 0 260 000 T 0 690 000	311 129 028 D + 341 129 405 B
30	♦ 311 129 028 D	12 V (M 630, M 633) 12 V	T 0 244 544 T 0 260 001	T 0 260 000 T 0 690 000	311 129 028 D
31	311 129 027 B	12 V (M 249)	T 0 463 930	T 0 690 000	311 129 027 B
32	311 129 028 B	12 V (M 249)	T 0 463 930	T 0 690 000	311 129 028 B
33	311 129 027 F	12 V	T 0 690 001	T 0 805 013	311 129 027 F
34	311 129 028 F	12 V	T 0 690 001	T 0 805 013	311 129 028 F
35	311 129 027 G	12 V (M 249)	T 0 690 001	T 0 805 013	311 129 027 G
36	311 129 028 G	12 V (M 249)	T 0 690 001	T 0 805 013	311 129 028 G
37	311 129 027 J	12 V	T 0 805 014	T 0 893 489	311 129 027 J
38	311 129 028 J	12 V	T 0 805 014	T 0 893 489	311 129 028 J
39	311 129 027 K	12 V (M 249)	T 0 805 014	T 0 893 489	311 129 027 K
40	311 129 028 K	12 V (M 249)	T 0 805 014	T 0 893 489	311 129 028 K
41	311 129 027 M	12 V (M 527)	T 0 805 014	T 0 893 489	311 129 027 M
42	311 129 028 M	12 V (M 527)	T 0 805 014	T 0 893 489	311 129 028 M
43	311 129 027 P	12 V (M 249/M 527)	T 0 805 014	T 0 893 489	311 129 027 P
44	311 129 028 P	12 V (M 249/M 527)	T 0 805 014	T 0 893 489	311 129 028 P
45	311 129 027 Q	12 V	T 0 893 490		311 129 027 S
46	311 129 028 Q	12 V	T 0 893 490		311 129 028 S
47	311 129 027 R	12 V (M 249)	T 0 893 490		311 129 027 T
48	311 129 028 R	12 V (M 249)	T 0 893 490		311 129 028 T
49	411 129 027 S	12 V (M 527)	T 0 893 490		311 129 027 S
50	311 129 028 S	12 V (M 527)	T 0 893 490		311 129 028 S
51	311 129 027 T	12 V (M 249/M 527)	T 0 893 490		311 129 027 T
52	311 129 028 T	12 V (M 249/M 527)	T 0 893 490		311 129 028 T

♦ This carburetor was not a standard fitting
and is used for repairs only.

MAIN GROUP 1

ENGINE

Key	Part No.	Description	Qty.	Type and model
CARBURETOR 32 PDSIT				
-	341 129 025	Carburetor 32 PDSIT-2 left	1	
-	311 129 025 F	Carburetor 32 PDSIT-2 left	1	
-	311 129 025 G	Carburetor 32 PDSIT-2 left	1	
-	341 129 026	Carburetor 32 PDSIT-3 right	1	
-	311 129 026 F	Carburetor 32 PDSIT-3 right	1	
-	311 129 026 G	Carburetor 32 PDSIT-3 right	1	
-	311 129 027 B	Carburetor 32 PDSIT-2 left	1	
1	311 129 027 D	Carburetor 32 PDSIT-2 left	1	
-	311 129 027 F	Carburetor 32 PDSIT-2 left	1	
-	311 129 027 G	Carburetor 32 PDSIT-2 left	1	
2	311 129 027 J	Carburetor 32 PDSIT-2 left	1	
-	311 129 027 K	Carburetor 32 PDSIT-2 left	1	
-	311 129 027 M	Carburetor 32 PDSIT-2 left	1	
-	311 129 027 P	Carburetor 32 PDSIT-2 left	1	
-	311 129 027 S	Carburetor 32 PDSIT-2 left	1	
-	311 129 027 T	Carburetor 32 PDSIT-2 left	1	
-	311 129 028 B	Carburetor 32 PDSIT-3 right	1	
-	311 129 028 D	Carburetor 32 PDSIT-3 right	1	
-	311 129 028 F	Carburetor 32 PDSIT-3 right	1	
-	311 129 028 G	Carburetor 32 PDSIT-3 right	1	
-	311 129 028 J	Carburetor 32 PDSIT-3 right	1	
-	311 129 028 K	Carburetor 32 PDSIT-3 right	1	
-	311 129 028 M	Carburetor 32 PDSIT-3 right	1	
-	311 129 028 P	Carburetor 32 PDSIT-3 right	1	
-	311 129 028 S	Carburetor 32 PDSIT-3 right	1	
-	311 129 028 T	Carburetor 32 PDSIT-3 right	1	
-	311 129 107	Body, upper - Carburetor, left for carburetor 31	1	
3	311 129 107 A	Body, upper - Carburetor, left for carburetor 23, 24, 27, 28, 33, 35, 37, 39, 41, 43	1	
-	311 129 107 B	Body, upper - Carburetor, left for carburetor 45, 47, 49, 51	1	
-	341 129 107	Body, upper - Carburetor, left for carburetor 1, 2, 5	1	
-	341 129 107 A	Body, upper - Carburetor, left for carburetor 7, 8, 11, 12	1	
-	341 129 107 B	Body, upper - Carburetor, left for carburetor 15, 16, 19, 20	1	
-	311 129 108	Body, upper - Carburetor, right for carburetor 32	1	
-	311 129 108 A	Body, upper - Carburetor, right for carburetor 25, 26, 29, 30, 34, 36, 38, 40, 42, 44	1	
-	311 129 108 B	Body, upper - Carburetor, right for carburetor 46, 48, 50, 52	1	

-	341 129 108	Body, upper - Carburetor, right for carburetor 3, 4, 6	1
-	341 129 108 A	Body, upper - Carburetor, right for carburetor 9, 10, 13, 14	1
-	341 129 108 B	Body, upper - Carburetor, right for carburetor 17, 18, 21, 22	1
4	N 14 451 2	Stud AM 6 A x 23 for carburetor 1 - 36	1
5	341 129 113	Shank screw - Injection pipe for carburetor 1 - 36	1
6	311 129 123	Screw, cheese hd. for vacuum diaphragm for carburetor 37 - 52	3
7	N 12 004 1	Lock washer B 4 for vacuum diaphragm for carburetor 37 - 52	3
8	113 129 225 A	Spring for vacuum diaphragm for carburetor 37 - 52	1
-	341 129 132	Choke shaft, right for carburetor 3, 6, 9	1
-	341 129 135	Choke valve for carburetor 1, 3, 5, 7, 9	1
-	113 129 149	Screw, csk. raised hd. 3 x 6 for choke valve for carburetor 1, 3, 5, 7, 9	2
9	341 129 153	Choke lever for carburetor 1 - 52	1
-	311 129 181	Spring for fast idle cam, right for carburetor 3, 9	1
-	341 129 183	Shaft with stop lever for fast idle cam, left for carburetor 1, 5, 6, 7	1
-	341 129 184	Shaft with stop lever for fast idle cam, right for carburetor 3, 9	1
10	N 12 006 2	Lock washer B 6 for carburetor 1 - 52	1
11	113 129 157	Nut, hex. - Shaft for carburetor 1 - 52	1
12	311 129 187	Circlip - Piston rod for carburetor 1 - 44	1
13	311 129 175	End cover - Vacuum piston cylinder for carburetor 1 - 32	2
14	311 129 191 E	Cover with spring and heater element, 12 V left for carburetor 5, 11, 12, 19, 20, 27, 28, 31, 33, 35, 37, 39, 41, 43, 45, 47, 49, 51	1

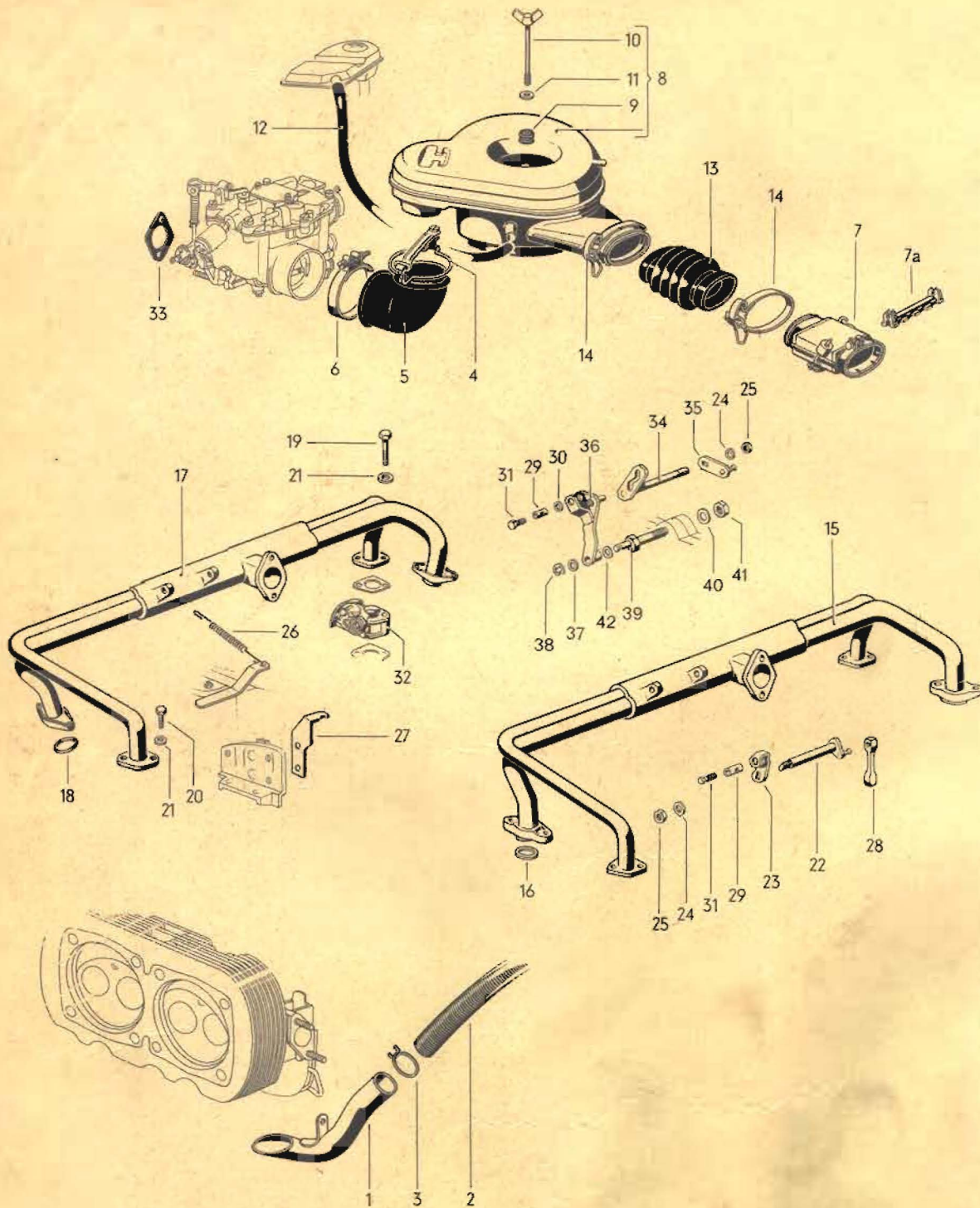
-	311 129 191 F	Cover with spring and heater element, 6 V left for carburetor 1, 2, 7, 8, 15, 16, 23, 24	1
-	311 129 192 E	Cover with spring and heater element, 12 V right for carburetor 6, 13, 14, 21, 22, 29, 30, 32, 34, 36, 38, 40, 42, 44, 46, 48, 50, 52	1
-	311 129 192 F	Cover with spring and heater element 6 V right for carburetor 3, 4, 9, 10, 17, 18, 25, 26	1
15	*311 129 193	Gasket - Cover for carburetor 1 - 52	1
16	311 129 199	Retaining ring - Cover for carburetor 1 - 52	1
17	311 129 123	Screw, cheese hd. - Retaining ring for carburetor 1 - 52	3
18	341 129 201	Needle valve 1.2 mm dia. for carburetor 1 - 52	1
-	*111 129 213 F	Gasket 12 x 15 x 0.5 - Needle valve for carburetor 2, 4, 8, 10, 12, 14, 18, 20, 22, - 36	1
-	*113 129 213	Gasket 12 x 15 x 1.5 for needle valve for carburetor 1, 3, 5, 6, 7, 9, 11, 13, 15, 17, 19, 21	1
19	311 129 213	Gasket 12 x 15 x 1.0 for needle valve for carburetor 37 - 52	1
-	341 129 256	Connecting rod, right - Choke valve lever and choke lever for carburetor 3, 6, 9	1
20	341 129 259	Clip - Connector rod 3.5 mm dia.	X
-	341 129 489	Clip - Throttle connector rod 4 mm dia.	X
21	111 129 179	Nut, hex. - Throttle connector rod for carburetor 1 - 52	2
22	*341 129 281	Gasket for carburetor body for carburetor 1 - 52	1
23	311 129 289 A	Screw, cheese hd. for body, upper for carburetor for carburetor 1 - 52	5
-	311 129 291	Throttle housing, left for carburetor body for carburetor 31	1
-	311 129 291 A	Throttle housing, left for carburetor body for carburetor 33	1

25	311 129 293	Gasket between main body and throttle housing for carburetor 1 - 52	1
26	341 129 295	Screw - Throttle housing for carburetor 1 - 52	2
-	311 129 301 C	Main body - Carburetor (left) for carburetor 31	1
-	311 129 301 D	Main body - Carburetor (left) for carburetor 2, 8, 12, 16, 20	1
-	311 129 301 E	Main body - Carburetor (left) for carburetor 24, 28	1
-	311 129 301 F	Main body - Carburetor (left) for carburetor 33	1
-	311 129 301 G	Main body - Carburetor (left) for carburetor 35	1
27	311 129 301 J	Main body - Carburetor left for carburetor 37, 41, 45, 49	1
-	311 129 301 K	Main body - Carburetor left for carburetor 39, 43, 47, 51	1
-	341 129 301	Main body - Carburetor (left) for carburetor 1, 5	1
-	341 129 301 A	Main body - Carburetor (left) for carburetor 7, 11	1
-	341 129 301 B	Main body - Carburetor (left) for carburetor 15, 19	1
-	341 129 301 C	Main body - Carburetor (left) for carburetor 23, 27	1
-	311 129 302 C	Main body - Carburetor (right) for carburetor 32	1
-	311 129 302 D	Main body - Carburetor (right) for carburetor 4, 10, 14, 18, 22, 26, 30	1
-	311 129 302 F	Main body - Carburetor (right) for carburetor 34	1
-	311 129 302 G	Main body - Carburetor (right) for carburetor 36	1
-	311 129 302 J	Main body - Carburetor right for carburetor 38, 42, 46, 50	1
-	311 129 302 K	Main body - Carburetor right for carburetor 40, 44, 48, 52	1
-	341 129 302	Main body - Carburetor (right) for carburetor 3, 6	1
-	341 129 302 A	Main body - Carburetor (right) for carburetor 9, 13	1
-	341 129 302 B	Main body - Carburetor (right) for carburetor 17, 21	1
-	341 129 302 C	Main body - Carburetor (right) for carburetor 25, 29	1

28	111 129 347 A	Screw – Idling control for carburetor 1 – 52	1
29	111 129 429 B	Spring – Idling control screw for carburetor 1 – 52	1
30	341 129 343 A	Throttle lever left with connector rod for carburetor 1, 2, 5, 7, 8, 11, 12, 15, 16, 19, 20, 23, 24, 27, 28, 31, 33, 35, 37, 39, 41, 43, 45, 47, 49, 51	1
-	341 129 344 A	Throttle lever right with connector rod for carburetor 3, 4, 6, 9, 10, 13, 14, 17, 18, 21, 22, 25, 26, 29, 30, 32, 34, 36, 38, 40, 42, 44, 46, 48, 50, 52	1
31	113 129 355 A	Spring washer – Nut, hex. for carburetor 1 – 52	1
32	111 129 157	Nut, hex. for throttle shaft for carburetor 1 – 52	1
-	311 129 363	Venturi 21.5 mm dia. for carburetor 2, 4	1
33	311 129 363 C	Venturi 24 mm dia. for carburetor 33, 35, 37, 39, 41, 43, 45, 47, 49, 51	1
-	311 129 363 D	Venturi 24 mm dia. for carburetor 34, 36, 38, 40, 42, 44, 46, 48, 50, 52	1
-	341 129 363	Venturi 21.5 mm dia. for carburetor 1, 3, 5, 6	1
-	341 129 363 A	Venturi 23 mm dia. for carburetor 7 – 22	1
-	341 129 363 B	Venturi 24 mm dia. for carburetor 23 – 32	1
34	111 129 365	Retaining screw – Venturi for carburetor 1 – 52	1
35	311 129 391 A	Float for carburetor 1 – 52	1
36	341 129 397	Leaf spring – Float pin for carburetor 1 – 52	1
37	341 129 399	Pin – Float lever for carburetor 1 – 52	1
38	341 129 401	Carrier – Main jet for carburetor 1 – 52	1
39	311 129 405 C	Main jet x 127.5 for carburetor 26, 30, 32, 34, 36 – 52	1
-	341 129 405	Main jet x 125 for carburetor 1 – 6	1
-	341 129 405 A	Main jet x 135 for carburetor 7 – 14	1
-	341 129 405 B	Main jet x 130 for carburetor 15 – 22, 24, 25, 28, 29, 31, 33, 35	1
-	341 129 405 C	Main jet x 132.5 for carburetor 23, 27	1

40	*311 129 409	Sealing washer 10 x 13.5 x 1 for carrier for carburetor 1 – 52	1
-	311 129 413 D	Idling cut-off valve g 45/6 V (carburetor 2,4,8,10,15 – 18)	2
-	311 129 413 E	Idling cut-off valve g 45/12 V for carburetor 12, 14, 19, 22	2
-	311 129 413 F	Idling cut-off valve g 50/6 V for carburetor 23 – 26	
41	311 129 413 G	Idling cut-off valve g 50/12 V for carburetor 27 – 52	2
42	111 129 415 C	Pilot jet g 45 for carburetor 1, 3, 5, 6, 7, 9, 11, 13	2
43		no longer available	
44	311 129 422	Jet 0.7 – Vacuum hose (spark retard) for carburetor 33 – 36	1
-	341 129 427	Volume control screw for carburetor 1 – 32	1
45	113 129 427 E	Volume control screw for carburetors 33 – 36	1
46	311 129 427 A	Volume control screw for carburetor 37 – 52	1
-	113 129 428	Plug for volume control screw for carburetors 33,34,35,36	1
47	111 129 429 B	Spring for volume control screw for carburetors 1 – 32, 49, 50	1
48	113 129 430	O-Ring Volume control screw for carburetor 33 – 52	1
-	311 129 431	Hot idle valve for carburetor 31, 32	1
49	311 129 431 A	Hot idle valve for carburetors 35, 36, 39, 40, 43, 44, 47, 48, 51, 52	1
-	111 129 435 B	Air correction jet 180 for carburetors 1 – 14	1
-	111 129 435 S	Air correction jet 240 for carburetors 15 – 22	1
-	111 129 435 Q	Air correction jet 150 for carburetors 23, 27	1
50	111 129 435 R	Air correction jet 140 for carburetor 37 – 52	1
-	111 129 435 AA	Air correction jet 120 for carburetors 25, 26, 29, 30, 32, 34, 36	1
-	311 129 435 C	Air correction jet 155 for carburetors 24, 28, 31, 33, 35	1

51	341 129 451	Diaphragm - Pump for carburetors 1 - 52	1
52	126 129 467	Spring - Diaphragm for carburetors 1 - 52	1
-	311 129 470	Cover with lever and pin for pump for carburetors 1 - 36	1
53	311 129 470 A	Cover with lever and pin for pump for carburetor 37 - 52	1
54	111 129 473	Screw, csk. raised hd. 4 x 10 for pump cover for carburetor 1 - 52	8
-	311 129 479	Pin - Pump lever for carburetors 1 - 32	1
55	311 129 481 B	Throttle connector rod - Pump for carburetor 37 - 44	1
-	341 129 481	Throttle connector rod - Pump for carburetors 1 - 36	1
56	111 129 485	Spring - Throttle connector rod for carburetors 1 - 44	1
57	111 129 147	Washer 4.2 for carburetors 1 - 44	2
58	N 12 507 1	Cotter pin 1.5 x 15 for carburetors 1 - 44	1
59	341 129 489	Clip - Throttle connector rod for carburetors 1 - 44	2
60	N 20 353 1	Vacuum tube 3.5 x 2	*
-	311 129 501 C	Corrector 102 - High altitudes for carburetors 32	1
61	311 129 501 D	Corrector 101 - High altitudes for carburetors 31	1
62	311 129 509	Sealing ring for corrector - High altitude for carburetors 31, 32	1



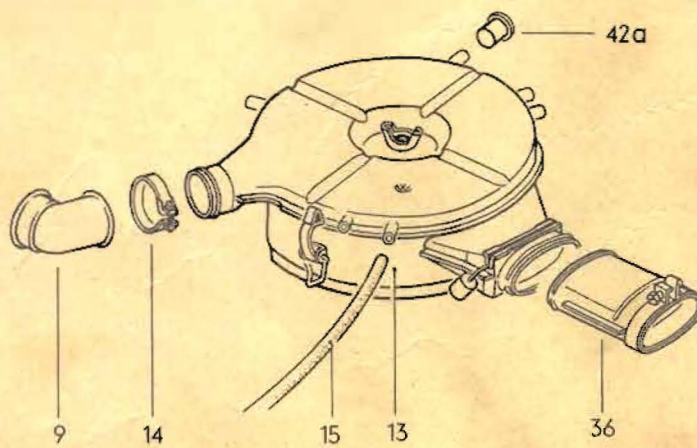
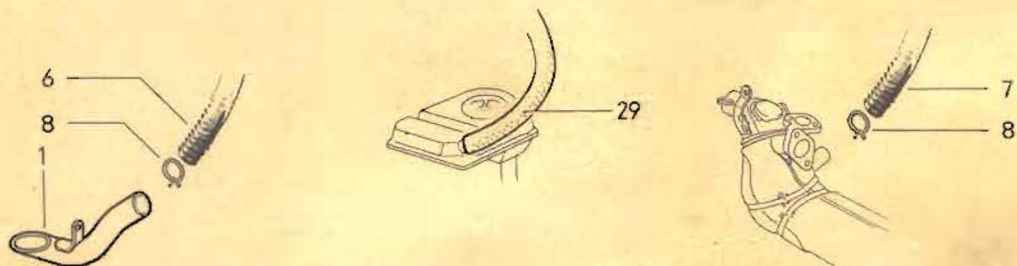
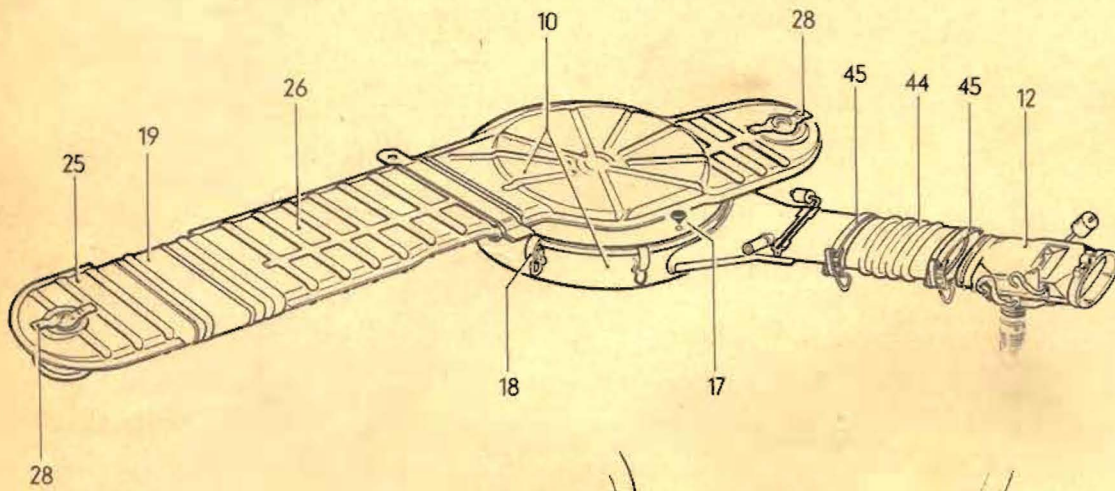
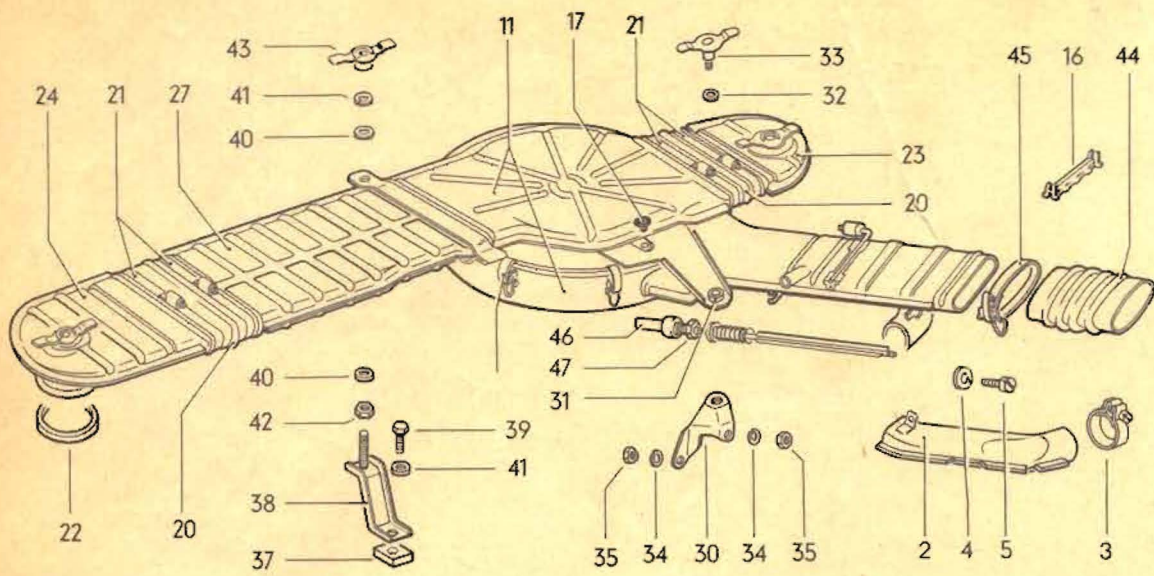
MAIN GROUP 1

ENGINE

Key	Part No.	Description	Qty.	Type and model
INTAKE MANIFOLD				
FOR SINGLE CARBURETOR ENGINE				
				311-314, 343, 345, 361-364
				315-318, 365-368
1	311 129 511 A	Adapter pipe for carburetor pre-heating (shorten to 370 mm) to Eng. No. K 0 044 526 use 211 255 359 to Eng. No. 713 138	1	
-	311 255 359 A	Connection pipe for carburetor pre-heating to Eng. No. K 0 044 526	1	
2	211 255 359	Connection pipe for carburetor pre-heating (shorten to 770 mm) from Eng. No. K 0 044 527	1	
3	113 255 737	Clip for connecting pipe	2	
4	311 129 561	Retainer - Elbow	1	
5	311 129 581 B	Elbow - Carburetor	1	
6	111 501 159 B	Clip - Elbow	1	
7	311 129 609 B	Control box for carburetor pre-heating	1	
7 a	113 129 787 C	Mounting - Control box on air cleaner	1	
8	311 129 611 B	Air cleaner	1	
9	111 209 175 A	Grommet - Air cleaner 311 129 611 B	1	
-	311 129 611 D	Air cleaner	1	M 156
10	311 129 641	Wing screw M 6 x 90 for air cleaner	1	
11	N 11 524 4	Washer A 6.4	1	
12	N 20 374 1	Connecting hose for oil breather 12 x 3.3	*	
13	311 129 695 B	Boot - Air cleaner	1	
14	311 129 699 B	Clip - Control box	2	
15	311 129 701	Intake manifold and pre-heating pipe to Eng. No. 65 745	1	
16	N 13 823 1	Sealing washer C 28 x 34 to Eng. No. 65 745	2	
17	311 129 701 A	Intake manifold and pre-heating pipe from Eng. No. 65 746	1	

18	*311 129 707	Gasket 32 x 38 for intake manifold from Eng. No. 65 746	2
19	N 10 349 2	Bolt, hex. hd. BM 6 x 45	2
20	N 10 215 4	Bolt, hex. hd. M 6 x 15	2
21	N 12 226 2	Spring washer B 6	4
22	311 129 761	Relay shaft for intake manifold to Eng. No. 260 978 and from Eng. No. 713 139	1
23	311 129 767 A	Lever - Relay shaft to Eng. No. 260 978 and from Eng. No. 713 139 use to Ch. No. 44 931 311 721 509 for LHD 312 721 545 A for RHD	1
24	N 12 229 1	Spring washer A 8	1
25	N 11 008 3	Nut, hex. M 8	1
26	311 129 769 A	Return spring - Relay shaft	1
27	311 129 771 A	Bracket - Return spring to Eng. No. 65 745	1
28	311 129 773 A	Link - Relay shaft to carburetor	1
29	311 129 777	Swivel pin rear - Accelerator cable	1
30	N 11 558 1	Washer 8.4 from Eng. No. 260 979 to 713 138	1
31	N 10 205 2	Bolt, hex. hd. M 5 x 10	1
32	311 129 781 B	Valve - Pre-heating pipe	1
33	*311 129 799	Gasket - Carburetor flange	1
34	*311 129 933	Relay shaft on intake manifold from Eng. No. 260 979 to 713 138	1
35	*311 129 937	Lever with ball from Eng. No. 260 979 to 713 138	1
36	*311 129 941	Lever - Relay shaft from Eng. No. 260 979 to 713 138	1
37	N 11 533 1	Washer A 7.4	1
38	N 12 434 1	Lock washer 4	1
39	*311 129 953	Pin - Lever from Eng. No. 260 979 to 713 138	1
40	N 12 228 2	Spring washer B 8	2
41	N 11 008 3	Nut, hex. M 8	1
42	*311 129 971	Shim 0.2 mm on pin for lever from Eng. No. 260 979 to 713 138	X

-	311 129 291 B	Throttle housing, left for carburetor body for carburetor: 35	1
24	311 129 291 C	Throttle housing, left for carburetor body for carburetor 37, 41, 45, 49	1
-	311 129 291 D	Throttle housing, left for carburetor body for carburetor 39, 43, 47, 51	1
-	341 129 291	Throttle housing, left for carburetor body for carburetor 1, 2, 5	1
-	341 129 291 A	Throttle housing, left for carburetor body for carburetor 7, 8, 11, 12	1
-	341 129 291 B	Throttle housing, left for carburetor body for carburetor 15, 16, 19, 20	1
-	341 129 291 C	Throttle housing, left for carburetor body for carburetor 23, 24, 27, 28	1
-	311 129 292	Throttle housing, right for carburetor body for carburetor 32	1
-	311 129 292 A	Throttle housing, right for carburetor body for carburetor 34	1
-	311 129 292 B	Throttle housing, right for carburetor body for carburetor 36	1
-	311 129 292 C	Throttle housing, right for carburetor body for carburetor 38, 42, 46, 50	1
-	311 129 292 D	Throttle housing, right for carburetor body for carburetor 40, 44, 48, 52	1
-	341 129 292	Throttle housing, right for carburetor body for carburetor 3, 4, 6	1
-	341 129 292 C	Throttle housing, right for carburetor body for carburetor 9, 10, 13, 14	1
-	341 129 292 B	Throttle housing, right for carburetor body for carburetor 17, 18, 21, 22	1
-	341 129 292 C	Throttle housing, right for carburetor body for carburetor 25, 26, 29, 30	1



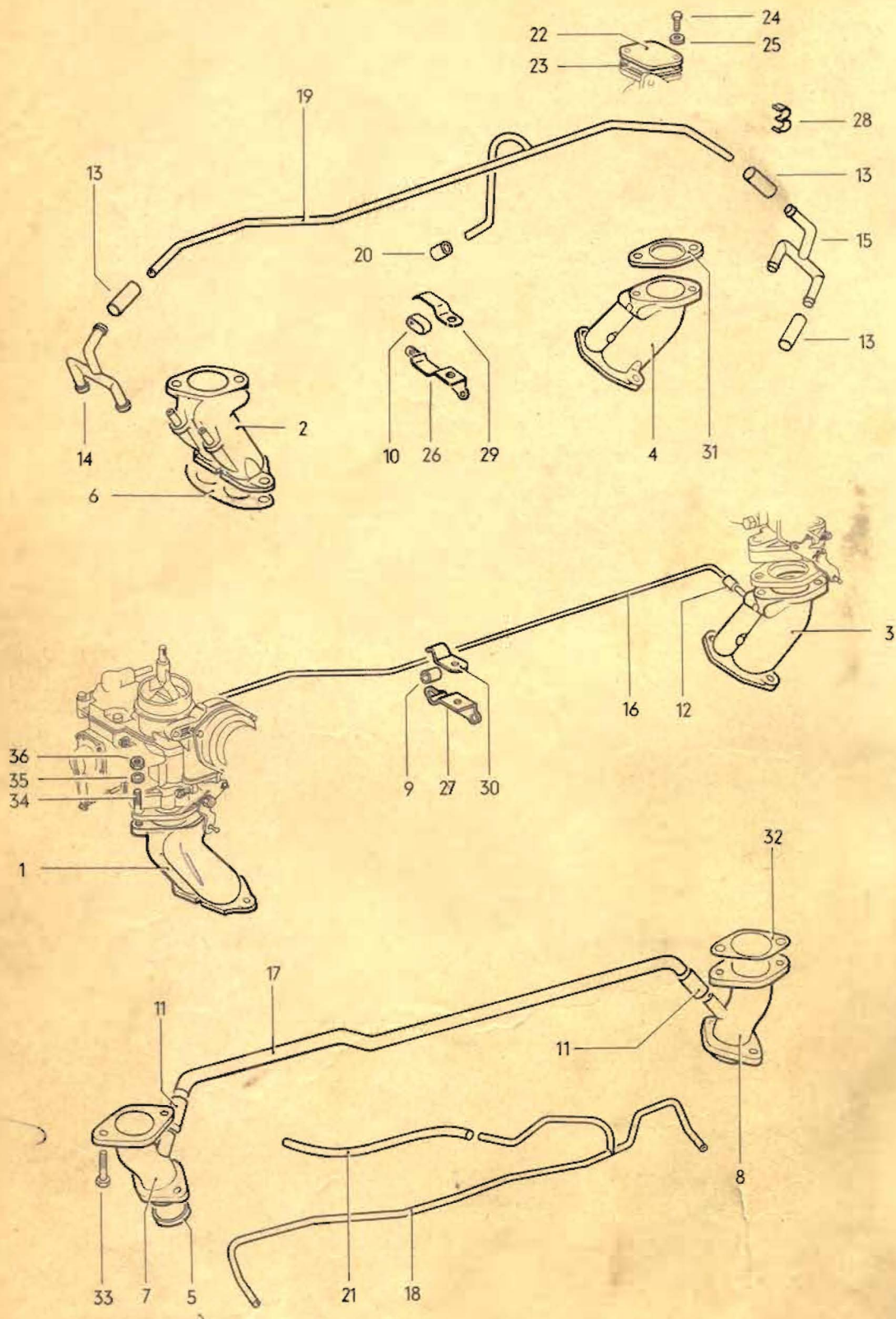
MAIN GROUP 1

ENGINE

Key	Part No.	Description	Qty.	Type and model
		AIR CLEANER FOR TWIN CARBURETOR AND FUE INJECTION ENGINE from Eng. No. 225 340		311-314, 343-346, 361-364
1	311 129 511 A	Adapter pipe for carburetor pre-heating (shorten to 370 mm - 14 9/16 in.) to Eng. No. T 0 222 424/P 0 000 040 use 211 255 359 to Eng. No. 713 138	1	
2	311 129 519 B	Adapter pipe for carburetor pre-heating from Eng. No. T 0 893 490/P 0 006 527	1	
3	113 255 341 A	Clip from Eng. No. T 0 893 490/P 0 006 527	1	
4	N 12 026 1	Lock washer 6 from Eng. No. T 0 893 490/P 0 006 527	2	
5	N 10 714 3	Screw, cheese hd. AM 6 x 12 from Eng. No. T 0 893 490/P 0 006 527	2	
6	311 255 359 A	*Connection pipe for carburetor pre-heating to Eng. No. T 0 222 424/P 0 000 040	1	
7	211 255 359	*Connection pipe - Carburetor pre-heating (shorten to 770 mm - 27 9/16 in.) from Eng.-No. T 0 222 425 to P 0 000 041 to T 0 893 489/P 0 006 526	1	
8	113 255 737	*Clip for connection pipe to Eng. No. T 0 893 489/P 0 006 526	2	
(9)	311 129 581 C	*Elbow - Air cleaner to Eng.-No. U 0 502 000	1	M 236
9	311 129 581 D	*Elbow - Air cleaner from Eng.-No. U 0 502 001/U 5 000 001 from Eng.-No. X 0 000 001	1	M 236
10	311 129 607	Air cleaner from Eng.-No. T 0 805 014/P 0 006 081 to T 0 893 489/P 0 006 526	1	
11	311 129 607 A	Air cleaner from Eng. No. T 0 893 490/P 0 006 527	1	
12	341 129 609 A	Control box for carburetor pre-heating to Eng. No. T 0 893 489/P 0 006 526	1	
(13)	311 129 611 F	*Air cleaner to Eng.-No. U 0 502 000	1	M 236
13	311 129 611 J	*Air cleaner to Eng.-No. U 0 502 001/U 5 000 001 from Eng.-No. X 0 000 001	1	M 236

14	111 501 159 B	*Hose clip 44 – 64 mm dia.	1	M 236
15	N 20 374 1	*Hose 12 x 3.3 from oil breather to air cleaner	*	M 236
16	113 129 787 C	Mounting – Control box on air cleaner to Eng. No. T 0 893 489/P 0 006 526 from Eng. No. T 0 893 490/P 0 006 527		
(10)	341 129 611	Air cleaner to Eng. No. T 0 805 013/P 0 006 080	1	
17	N 20 022 3	Plug A 8 x 1	1	
18	341 129 614	Quick release clip – Air cleaner	4	
19	341 129 619	Rubber ring – Air cleaner to Eng. No. T 0 893 489/P 0 006 526	1	
20	311 129 619	Rubber ring – Air cleaner from Eng. No. T 0 893 490/P 0 006 527	2	
21	311 129 620	Clip – Rubber ring from Eng. No. T 0 893 490/P 0 006 527	4	
22	341 129 621	Sealing washer – Air cleaner	2	
23	311 129 632	End piece, right – Air cleaner from Eng. No. T 0 893 490/P 0 006 527	1	
24	311 129 633	End piece, left – Air cleaner from Eng. No. T 0 893 490/P 0 006 527	1	
25	341 129 633	End piece – Air cleaner to Eng. No. T 0 893 489/P 0 006 526	1	
(26)	341 129 634	Upper part – Air cleaner to Eng. No. T 0 805 013/P 0 006 080	1	
26	311 129 634	Upper part – Air cleaner from Eng. -No. T 0 805 014 to P 0 006 081 to T 0 893 489/P 0 006 526	1	
27	311 129 634 A	Upper part – Air cleaner from Eng. No. T 0 893 490/P 0 006 527	1	
28	341 129 641	Wing nut M 6 – Air cleaner	2	
29	N 20 374 1	Connecting hose 12 x 3.3 for oil breather	*	
30	311 129 645	Support – Air cleaner from Eng. No. T 0 893 490/P 0 006 527	1	
31	111 953 547	Grommet 10 x 14 from Eng. No. T 0 893 490/P 0 006 527	1	
32	N 11 527 1	Washer A 10.5 from Eng. No. T 0 893 490/P 0 006 527	1	
33	311 129 957	Wing screw M 8 from Eng. No. T 0 893 490/P 0 006 527	1	
34	N 11 006 2	Lock washer B 6	2	
35	N 11 006 2	Nut, hex. M 6	2	
36	311 129 671 A	*Connecting pipe – Air cleaner	1	M 236
37	341 129 681	Spacer – Support	1	
38	341 129 685	Support – Air cleaner	1	
39	N 10 241 3	Bolt, hex. hd. M 8 x 22	1	
40	N 11 526 2	Washer B 8.4	2	

41	N 12 241 2	Spring washer B 8 x 15	2	
42	N 11 008 8	Nut, hex. M 8	1	
(42a)	311 129 686	Plug 9 mm dia., (not for USA) from Eng.-No. U 0 502 001	X	M 236
42a	311 129 688	Plug 13 mm dia., (not for USA) from Eng.-No. U 0 502 001	X	M 236
43	341 129 957	*Wing nut M 8	1	
44	311 129 695 B	Boot - Air cleaner	1	
45	311 129 699 B	Clip - Boot	2	
46	113 129 826	*Thermostat - Air cleaner from Eng. No. T 0 893 490/P 0 006 527	1	
47	N 11 151 2	Nut, hex. M 8 from Eng. No. T 0 893 490/P 0 006 527	1	



MAIN GROUP 1
ENGINE

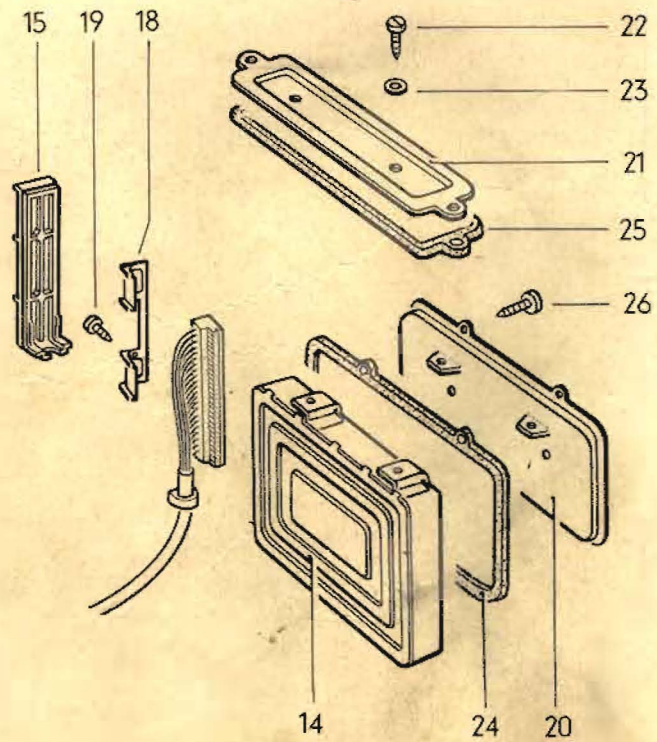
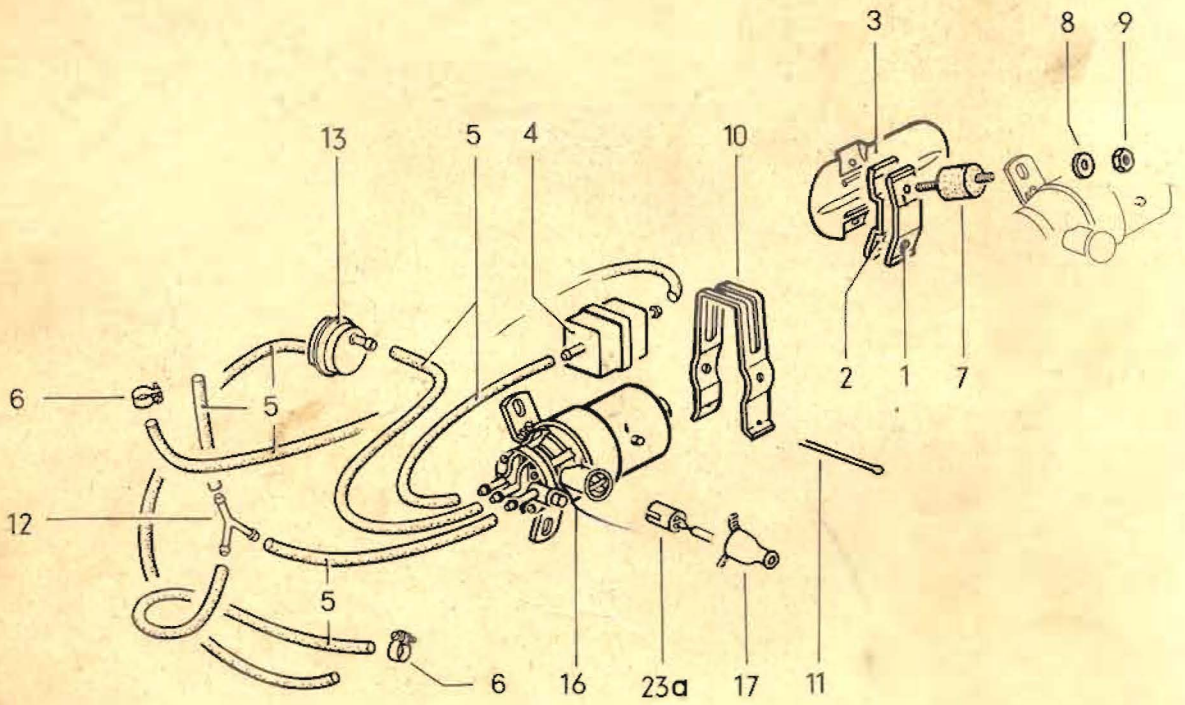
Key	Part No.	Description	Qty.	Type and model
*INTAKE MANIFOLD				
FOR FUEL INJECTION ENGINE				
from Eng.-No. U 0 000 001				M 236
1	311 129 707 C	Gasket - Intake manifold	2	
2	311 129 769 E	Return spring use: 311 133 407 A	1	
(3)	311 133 005 C	Intake air distributor with throttle valve to Eng.-No. U 0 231 100	1	
(3)	311 133 005 D	Intake air distributor with throttle valve to Eng.-No. U 0 231 100	1	M 249
(3)	311 133 005 E	Intake air distributor with throttle valve from Eng.-No. U 0 231 101 to U 0 502 000	1	
(3)	311 133 005 F	Intake air distributor with throttle valve from Eng.-No. U 0 231 101 to U 0 502 000	1	M 249
(3)	311 133 005 H	Intake air distributor with throttle valve from Eng.-No. X 0 000 001	1	M 27 M 239
3	311 133 005 L	Intake air distributor with throttle valve (not for USA) from Eng.-No. U 0 502 001	1	
(3)	311 133 005 M	Intake air distributor with throttle valve from Eng.-No. U 0 502 001	1	M 249
(3)	311 133 005 N	Intake air distributor with throttle valve from Eng.-No. X 0 000 001	1	M 27/M 249
(3)	311 133 005 Q	Intake air distributor with throttle valve from Eng.-No. U 5 000 001	1	M 239
4	311 133 030	Pressure regulator	1	
(4)	311 133 030 A	Pressure regulator from Eng.-No. X 0 000 001	1	M 27/M 249
5	311 133 040	Auxiliary air regulator		
6	311 906 045	Auxiliary air regulator from Eng.-No. U 0 231 101	1	M 249
7	N 12 241 2	Spring washer B 8 x 15	2	
8	N 11 008 8	Nut, hex. M 8	2	
(9)	N 14 532 2	Stud AM 8 A x 31 to Eng.-No. U 0 366 020	2	
9	N 14 400 3	Stud AM 8 A x 35 from Eng.-No. U 0 366 021/U 5 000 001 from Eng.-No. X 0 000 001	2	
10	N 20 376 1	Hose from air cleaner to air regulator and from intake air distributor to air regulator	*	
11	022 133 075	Gasket for cold start valve from Eng.-No. U 0 231 101/U 5 000 001 from Eng.-No. X 0 000 001	1	

12	311 133 139	Pin, rear for accelerator cable	1	
13	N 10 205 2	Bolt, hex. hd. M 5 x 10	1	
14	311 133 171	Bracket - Air intake distributor	1	
15	N 10 215 4	Bolt, hex. hd. M 6 x 15	1	
16	N 10 360 2	Bolt, hex. hd. M 8 x 60	1	
17	N 10 242 5	Bolt, hex. hd. M 8 x 25	1	
18	N 11 008 8	Nut, hex. M 8	2	
19	N 12 225 2	Spring washer B 6	1	
20	N 12 229 1	Spring washer A 8	3	
(21)	311 133 179	Bracket - Kick-down switch to Eng.-No. U 0 231 100	1	M 249
21	311 133 179 A	Bracket - Kick-down switch from Eng.-No. U 0 231 101/X 0 000 001	1	M 249
22	311 129 921	Threaded plate - Kick-down switch	1	M 249
23	311 133 201 A	Intake pipe, left	1	
24	311 133 202 A	Intake pipe, right	1	
25	N 14 434 1	Stud AM 6 A x 28	4	
26	311 133 241	Connecting hose 31 x 4 x 45	4	
27	311 133 259	Injector plate	2	
(28)	311 133 261	Injector locating bush, inner to Eng.-No. U 0 384 499	4	
28	311 133 261 A	Injector locating bush, inner from Eng.-No. U 0 384 500/U 5 000 001 from Eng.-No. X 0 000 001	4	
29	311 133 263	Injector locating bush, outer	4	
30	311 133 265	Sleeve 8 x 12 - Injector plate	4	
31	311 133 271	Retainer - Injector plate	2	
32	N 12 226 2	Spring washer B 6	4	
33	N 11 006 2	Nut, hex. M 6	4	
(34)	311 133 283	Retainer - Thermo switch from Eng.-No. X 0 000 001	1	M 27 / M 249
34	311 133 285 B	Retainer - Thermo switch from Eng.-No. U 0 231 101/U 5 000 001	1	
35	311 133 307	Nut, hex. - Pressure regulator	1	
36	311 133 309	Insulating washer - Pressure regulator	1	
37	311 133 315	Fuel distributor	2	
38	N 90 121 1	Bolt, hex. hd. M 4 x 8 with seal	2	
39	311 133 405	Gasket - Auxiliary air regulator	1	
40	311 133 407 A	Retainer - Spring use: 311 129 769 E	1	
41	311 133 413	Bracket - Auxiliary air regulator from Eng.-No. U 0 231 101/X 0 000 001	1	M 249
42	311 133 515	Clip 13 mm dia. for fuel hose	12	
(43)	311 906 031 A	Fuel injector to Eng.-No. U 0 384 499	4	

43	311 906 031 B	Fuel injector from Eng.-No. U 0 384 500/U 5 000 001 from Eng.-No. X 0 000 001	4	
44	311 906 033	Protective sleeve – Fuel injector from Eng.-No. U 0 384 500/U 5 000 001 from Eng.-No. X 0 000 001	4	
45	311 906 041 A	Temperature sensor – Cylinder head	1	
46	N 12 231 1	Spring washer A 10	1	M 249
47	N 14 400 3	Stud AM 8 A x 35 from Eng.-No. U 0 231 101/X 0 000 001	2	M 249
48	N 12 225 1	Spring washer B 5 from Eng.-No. U 0 231 101/X 0 000 001	2	M 249
49	N 10 700 1	Screw, cheese hd. AM 5 x 12 from Eng.-No. U 0 231 101/X 0 000 001	2	M 249
50	311 906 049	Grommet – Temperature sensor from Eng.-No. U 0 231 101/U 5 000 001 from Eng.-No. X 0 000 001	1	
(51)	311 906 051 B	Pressure sensor <i>U0231100</i>	1	
(51)	311 906 051 C	Pressure sensor to Eng.-No. U 0 231 100 from Eng.-No. U 0 231 101 to U 0 502 000	1	
51	311 906 051 D	Pressure sensor (not for USA) from Eng.-No. U 0 502 001	1	
(51)	311 906 051 E	Pressure sensor from Eng.-No. U 5 000 001/X 0 000 001	1	M 27, M 239
52	311 906 055 A	Rubber mounting for spacer bush use: to Eng.-No. U 0 159 999 311 906 057/N 13 948 1	3	
53	311 906 057	Spacer bush for pressure sensor from Eng.-No. U 0 160 000/U 5 000 001 from Eng.-No. X 0 000 001	3	
54	311 906 061	Relay	2	
(54)	311 906 063 A	Relay from Eng.-No. X 0 000 001	1	M 27 M 249
55	311 906 071 A	Pressure switch to Eng.-No. U 0 231 100	1	
56	N 10 208 2	Bolt, hex. hd. M 6 x 8 to Eng.-No. U 0 231 100	1	
57	N 12 226 2	Spring washer B 6 to Eng.-No. U 0 231 100	1	
58	N 20 355 1	Hose – Pressure switch to Eng.-No. U 0 231 100	1	
59	311 906 081	Temperature sensor – Crankcase to Eng.-No. U 0 231 100	1	

60	311 906 081 A	Temperature sensor – Intake air distributor from Eng.-No. U 0 231 101/U 5 000 001 from Eng.-No. X 0 000 001	1	
(60)	311 906 081 B	Temperature sensor – Intake air distributor from Eng.-No. U 0 231 101 to U 0 395 360 (see Workshop Bulletin)	1	
61	N 12 241 2	Spring washer B 8 x 15	1	
(62)	311 906 102 A	Cap for terminal pin housing, 2 pin	6	
(62)	311 906 102 B	Cap for terminal pin housing, 3 pin	2	
(62)	311 906 102 C	Cap for terminal pin housing, 4 pin to Eng.-No. U 0 502 000	1	
62	311 906 102 E	Cap for terminal pin housing, 4 pin from Eng.-No. U 0 502 001/U 5 000 001 from Eng.-No. X 0 000 001	1	
(63)	311 906 111 B	Throttle valve switch to Eng.-No. U 0 231 100	1	
(63)	311 906 111 C	Throttle valve switch from Eng.-No. U 0 231 101 to U 0 502 000	1	
63	311 906 111 E	Throttle valve switch from Eng.-No. U 0 502 001/U 5 000 001 from Eng.-No. X 0 000 001	1	
64	N 10 703 2	Screw, cheese hd. AM 4 x 8	2	
64a	N 12 224 1	Spring washer B 4	2	
(65)	311 906 161 A	Thermo switch from Eng.-No. U 0 231 101 to U 0 366 020	1	
(65)	311 906 161 B	Thermo switch from Eng.-No. U 0 231 101 to U 0 366 020 (see Workshop Bulletin K – 21)	1	
65	311 906 161 C	Thermo switch from Eng.-No. U 0 227 000/U 5 000 001	1	
(65)	311 906 161 D	Thermo switch from Eng.-No. X 0 000 001	1	M 27/M 249
66	N 11 567 1	Washer 17	1	
67	311 906 171 B	Cold starting valve from Eng.-No. U 0 231 101/U 5 000 001 from Eng.-No. X 0 000 001	1	
68	N 12 227 3	Spring washer A 6 from Eng.-No. U 0 231 101/U 5 000 001 from Eng.-No. X 0 000 001	2	
69	N 10 710 1	Screw, cheese hd. AM 6 x 10 from Eng.-No. U 0 231 101/U 5 000 001 from Eng.-No. X 0 000 001	2	
(71)	311 906 200 A	Bracket – Pressure sensor to Eng.-No. U 0 159 999 (only together with 311 906 055)	1	

(71)	311 906 200 B	Bracket - Pressure sensor from Eng.-No. U 0 160 000 to U 0 231 100 from Eng.-No. U 0 231 101 to U 0 366 020 from Eng.-No. U 0 366 021 to U 0 502 000 use: to Eng.-No. U 0 159 999 311 906 055 A/057/N 13 948 1	1 1 1	315-318
70	311 906 200 C	*Bracket - Pressure sensor from Eng.-No. U 0 231 101 to U 0 366 020	1	311-314, 361-368
71	311 906 200 D	Bracket - Pressure sensor and valve from Eng.-No. U 0 502 001/U 5 000 001 from Eng.-No. X 0 000 001	1	
72	311 906 200 E	Bracket - Valve from Eng.-No. U 5 000 001	1	M 239: 315-318; M 239/M 249: 315-318
73	N 12 226 2	Spring washer B 6	2	
74	N 11 006 2	Nut, hex. M 6 to Eng.-No. U 0 159 999	2	
75	N 14 138 9	Screw, fillister hd. AM 6 x 10 from Eng.-No. U 0 160 000/U 5 000 001 from Eng.-No. X 0 000 001	2	
76	N 13 974 1	Tapping screw, fillister hd. B 5.5 x 19 to Eng.-No. U 0 159 999	3	
77	N 13 948 1	Tapping screw, fillister hd. B 5.5 x 25 from Eng.-No. U 0 160 000/U 5 000 001 from Eng.-No. X 0 000 001	3	
78	N 11 692 2	Washer 5. 1 from Eng.-No. U 0 160 000/U 5 000 001 from Eng.-No. X 0 000 001	3	
79	311 906 231 A	Terminal pin housing, 2 pin	6	
80	311 906 231 B	Terminal pin housing, 3 pin	2	
(81)	311 906 231 C	Terminal pin housing, 4 pin to Eng.-No. U 0 502 000	1	
81	311 906 231 D	Terminal pin housing, 4 pin from Eng.-No. U 0 502 001/U 5 000 001 from Eng.-No. X 0 000 001	1	
82	111 911 911	Grommet	1	
83	N 20 353 1	Hose from intake air distributor to distributor	*	
84	N 20 357 1	Fuel hose 7 x 2.5	*	
85	N 18 014 1	Protective tubing 14 mm dia.	*	
(86)	211 905 521	Oil pressure switch for vacuum advance from Eng.-No. U 5 000 001	1	M 27
86	311 906 291 A	Oil pressure switch for vacuum advance from Eng.-No. X 0 000 001	1	M 27/M 249
87	311 971 901 A	Protective cap for oil pressure switch from Eng.-No. X 0 000 001	1	M 27/M 249



MAIN GROUP 1

ENGINE

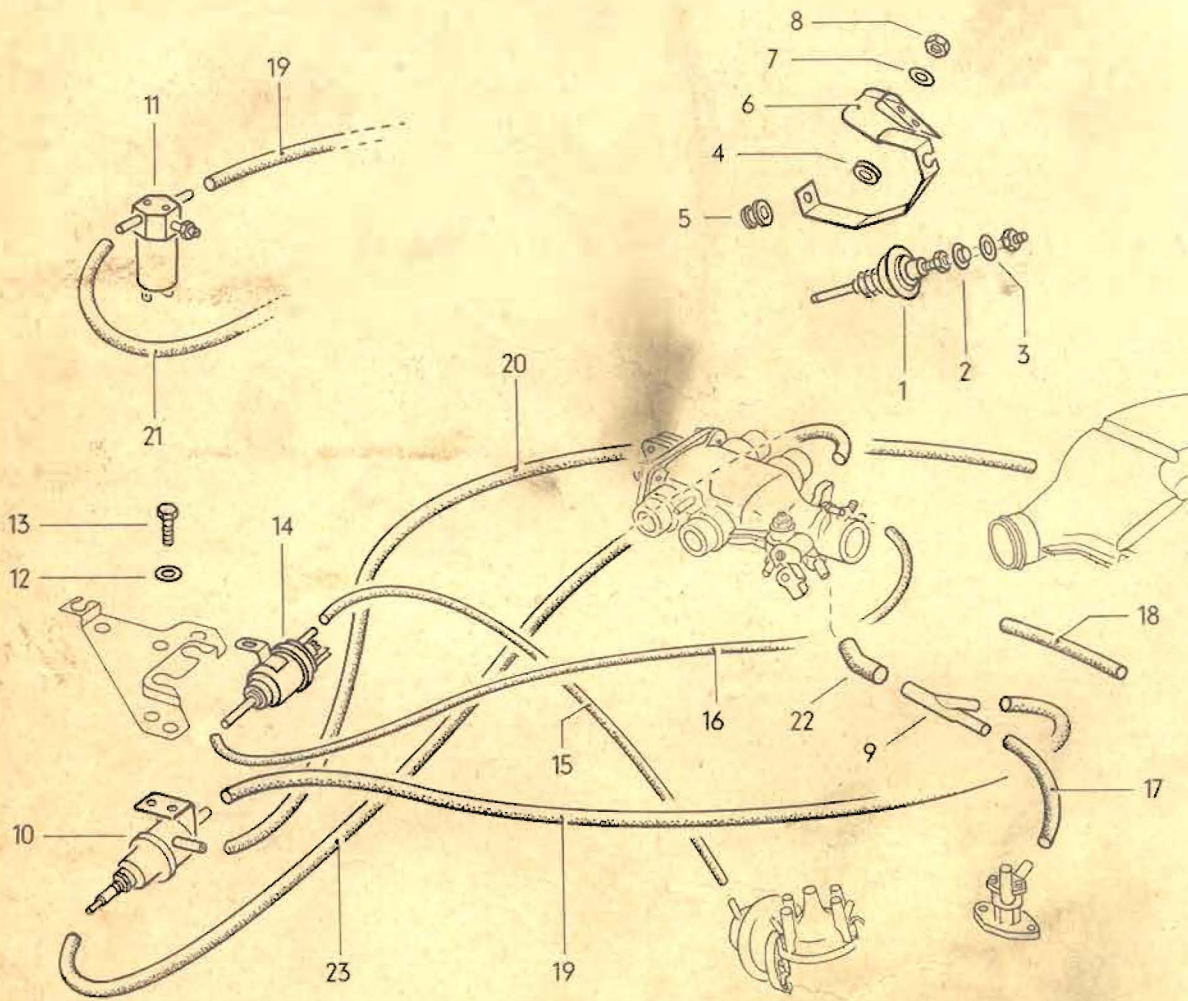
Key	Part No.	Description	Qty.	Type and model
*ELECTRIC FUEL PUMP AND ELECTRONIC CONTROL UNIT FOR FUEL INJECTION ENGINE from Eng.-No. U 0 000 001				
				M 236
1	311 133 505	Bracket - Fuel pump	1	
2	311 133 507	Bracket for protective plate	1	
3	311 133 509	Protection plate - Fuel pump (seal holes with N 20 007 1)	1	
(4)	311 133 511 C	Fuel filter to Eng.-No. October 1971	1	
4	311 133 511 D	Fuel filter from Eng.-No. October 1971	1	
5	N 20 357 1	Fuel hose 7 x 2.5	*	
6	311 133 515	Clip 13 mm dia. for fuel hose	12	
7	311 133 519	Bonded rubber mounting for fuel pump	2	
8	N 12 226 2	Spring washer B 6	4	
9	N 11 006 2	Nut, hex. M 6	4	
10	311 133 523	Strap - Fuel filter	1	
11	N 12 542 1	Cotter pin 3 x 70	1	
12	311 133 525	Y-piece for fuel line	1	
13	311 133 531	Muffler for fuel hose	1	
(14)	311 906 021 B	Electronic control unit to Eng.-No. U 0 231 100	1	
(14)	311 906 021 D	Electronic control unit from Eng.-No. U 0 231 101 to U 0 502 000 use: from Ch. No. 310 2000 001 to 310 2187 206 from Eng.-No. U 0 231 101 to U 0 226 999 311 906 161 C (see Parts Service Bulletin 9/16)	1	
14	311 906 021 E	Electronic control unit from Eng.-No. U 0 502 001/U 5 000 001 from Eng.-No. X 0 000 001	1	
15	311 906 025	Slide - Electronic control unit	1	
16	311 906 091 C	Electric fuel pump	1	
17	311 906 101 A	Cap - Fuel pump	1	
(18)	311 906 209	Handle for connector in control unit to Eng.-No. U 0 160 249	1	

18	022 906 209	Handle for connector in control unit from Eng.-No. U 0 160 250/U 5 000 001 from Eng.-No. X 0 000 001	1	
19	N 13 958 3	Screw, fillister hd. B 3.5 x 13	2	
20	311 906 210	Cover - Electronic control unit	1	311-314, 361-368
21	315 906 220	Cover - Electronic control unit	1	315-318
22	N 14 127 4	Screw, fillister hd. AM 5 x 6	2	
23	N 12 005 1	Spring ring B 5	2	
23a	311 906 213	Terminal pin housing - Fuel pump	1	
24	311 906 250	Gasket - Cover	1	311-314, 361-368
25	315 906 250	Gasket - Cover	1	315-318
26	N 13 968 1	Screw, fillister hd. B 4.8 x 13	2	

MAIN GROUP 1

ENGINE

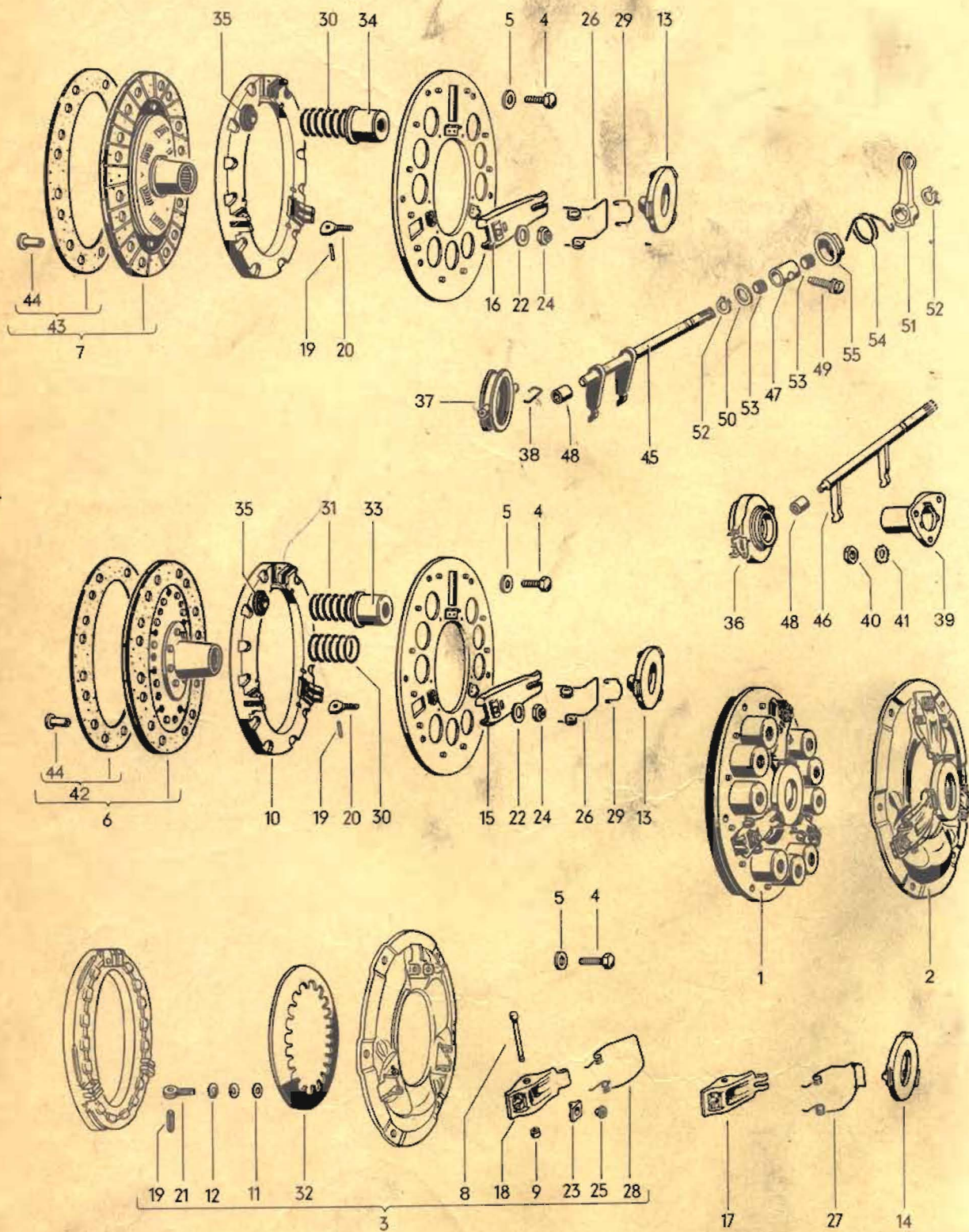
Key	Part No.	Description	Qty.	Type and model
*COLD START DEVICE				
FOR FUEL INJECTION ENGINE				
from Eng. -No. U 0 000 001 to U 0 231 100				M 229
1	311 133 143	Cover with cold start jet for intake air distributor	1	M 229
2	N 10 242 5	Bolt, hex. hd. M 8 x 25	1	
3	N 11 008 8	Nut. hex. M 8	1	
4	N 12 229 1	Washer A 8	1	
5	311 133 285	Retainer - Cut-off valve	1	
6	N 10 210 1	Bolt, hex. hd. M 6 x 10 K	2	M 229
7	N 12 226 2	Spring washer B 6	2	M 229
8	311 133 343 A	Clip 9 mm dia.	2	
9	N 20 353 1	Hose 3.5 x 2 x 210 - 8 9/32 in.	*	
10	311 133 515	Clip 13 mm Ø dia.	2	
11	N 20 357 1	Hose 7 x 2.5 x 360 - 14 1/32 in.	1	
12	311 906 061 B	Relay - Cold start device	1	
13	311 906 107	Cap - Relay	1	
14	*311 906 161	Thermo switch	1	
15	N 11 567 1	Washer 17	1	
16	*311 906 171	Cold starting valve	1	



MAIN GROUP 1

ENGINE

Key	Part No.	Description	Qty.	Type and model
*DECCELERATOR FOR FUEL INJECTION ENGINE				
				M 27, M 239
from Eng.-No. U 5 000 001				
from Eng.-No. X 0 000 001				M 27/M 249
1	113 129 103	Dashpot	1	M 239
2	311 133 087	Guide washer	1	M 239
3	N 12 241 2	Spring washer B 8	1	M 239
4	311 133 089	Washer for dashpot	2	M 239
5	311 133 091	Bush for dashpot	1	M 239
6	311 133 093	Bracket for dashpot	1	M 239
7	N 12 226 2	Spring washer B 6	2	M 239
8	N 11 006 2	Nut, hex. M 6	2	M 239
9	311 133 495	Branch piece for decelerator	1	
10	311 133 551	Valve (pneumatic) for decelerator	1	M 27
11	022 906 047 A	Valve (Electro-magnetic) for decelerator	1	M 27/M 249
12	N 21 227 3	Spring washer A 6	2	
13	N 10 210 7	Bolt, hex. hd. M 6 x 10	2	
14	113 906 283	Two - Way valve for decelerator	1	M 27, M 27/M 249
-	N 20 353 2	Hose grey 3.5 x 2	*	
15		370 mm long - 14 9/16 in.	1	M 27, M 27/M 249
16		550 mm long - 21 21/32 in.	1	M 27, M 27/M 249
-	N 20 359 2	Hose, brown 9 x 2.5	*	
17		105 mm long - 4 1/8 in.	1	M 27
18		140 mm long - 5 1/2 in.	1	M 27/M 249
19		650 mm long - 25 19/32 in.	1	M 27, M 27/M 249
20		950 mm long - 37 13/32 in.	1	M 27
21		1070 mm long - 42 1/8 in.	1	M 27/M 249
-	N 20 363 2	Hose, red 12 x 2.5	*	
22		40 mm long - 1 9/16 in.	1	
-	N 20 375 2	Hose, brown 4.5 x 2.5	*	
23		910 mm long - 35 13/16 in.	1	M 27



MAIN GROUP 1

ENGINE

Key	Part No.	Description	Qty.	Type and model
CLUTCH				
1	311 141 025	Clutch cover and pressure plate 180 to Eng. No. 65 745	1	
2	211 141 025 B	Clutch cover and pressure plate 200 from Eng. No. 65 746 to K 0 173 002/T 0 805 013	1	
3	311 141 025 D	Clutch cover and pressure platte 200 (311 141 025 A/B/C/D are supplied) from Eng. No. K 0 173 003/T 0 805 014	1	
4	N 10 240 4	Bolt, hex. hd. M 8 x 20	6	
5	N 12 241 2	Spring washer B 8 x 15	6	
6	111 141 031 E	Clutch plate 180 with single lining springs to Eng. No. 65 745	1	
(7)	111 141 031 F	Clutch plate 180 with single lining springs (with torsion springs) to Eng. No. 65 745	1	
7	311 141 031 D	Clutch plate 200 with double lining springs (with torsion springs) from Eng. No. 65 746	1	
-	211 141 101	Reinforcement plate under cheese hd. screw for clutch 211 141 025 C / 311 141 025 B	3	
-	N 12 108 2	Spring washer A 8.4 for clutch 211 141 025 C/311 141 025 B	3	
-	N 10 238 7	Bolt, hex. hd. M 8 x 15 for clutch 311 141 025 B	3	
-	211 141 103	Screw, cheese hd. for clutch 211 141 025 C	3	
-	311 141 111	Clutch cover to Eng. No. 65 745	1	
-	211 141 111	Clutch cover for clutch 211 141 025 A from Eng. No. 65 746	1	
-	211 141 111 B	Clutch cover for clutch 211 141 025 C	1	
8	211 141 113 D	Pin - Clutch cover for clutch 211 141 025 B /311 141 025 D (together with 211 141 115 B only)	3	
9	211 141 115 B	Bush - Pin for clutch 211 141 025 B/311 141 025 D (together with 211 141 113 D only)	6	

10	311 141 117	Clutch pressure plate to Eng. No. 65 745	1
(10)	211 141 117	Clutch pressure plate for clutch 211 141 025 A from Eng. No. 65 746	1
(10)	211 141 117 B	Clutch pressure plate for clutch 211 141 025 B/311 141 025 D	1
(10)	211 141 117 C	Clutch pressure plate for clutch 211 141 025 C /311 141 025 B	1
11	211 141 119 B	Washer – Bolt for clutch 211 141 025 B /311 141 025 D	3
12	211 141 121	Concave washer – Bolt for clutch 211 141 025 B/311 141 025 D	6
13	*113 141 125	Clutch release ring for clutch 311 141 025/211 141 025 A	1
(14)	111 141 125 C	Clutch release ring for clutch 211 141 025 C	1
14	211 141 125 B	Clutch release ring for clutch 211 141 025 B	1
15	311 141 129	Clutch release lever to Eng. No. 65 745	3
16	*211 141 129	Clutch release lever for clutch 211 141 025 A from Eng. No. 65 746	3
17	211 141 129 A	Clutch release lever for clutch 211 141 025 B	3
(17)	211 141 129 B	Clutch release lever for clutch 211 141 025 C	3
18	311 141 129 A	Clutch release lever for clutch 311 141 025 D	3
(18)	311 141 129 B	Clutch release lever for clutch 311 141 025 B	3
19	*311 141 131	Pin – Bolt	3
20	*311 141 133 A	Bolt for clutch 311 141 025/211 141 025 A/C/311 141 025 B	3
21	211 141 133 A	Bolt for clutch 211 141 025 B/311 141 025 D	3
22	311 141 135	Thrust washer 16 mm dia. – Adjusting nut for clutch 311 141 025	3
(22)	*311 141 135 A	Thrust washer 18 mm dia. – Adjusting nut for clutch 211 141 025 A/C/311 141 025 B	3
23	211 141 135	Thrust piece – Adjusting nut for clutch 211 141 025 B/311 141 025 D	3
24	*311 141 137	Adjusting nut for clutch 311 141 025/211 141 025 A/C/311 141 025 B	3
25	211 141 137	Adjusting nut – Bolt for clutch 211 141 025 B/311 141 025 D	3

26	*111 141 141	Return spring for clutch 311 141 025/211 141 025 A	3
(27)	111 141 141 B	Return spring for clutch 211 141 025 C	3
(28)	111 141 141 C	Return spring for clutch 311 141 025 B	3
27	211 141 141 B	Return spring for clutch 211 141 025 B	3
28	311 141 141	Return spring for clutch 311 141 025 D	3
29	*211 141 145 A	Spring – Clutch release ring for clutch 311 141 025/211 141 025 A/C	3
30	311 141 151	Thrust spring (marked white) to Eng. No. 65 745 for clutch 311 141 025 from Eng. No. 65 746 for clutch 211 141 025 A	3 9
31	311 141 153	Thrust spring (marked violet) for clutch 311 141 025 to Eng. No. 65 745	6
32	211 141 157	Concave washer for clutch 211 141 025 B/311 141 025 D	1
(32)	211 141 157 A	Concave washer for clutch 211 141 025 C/311 141 025 B	1
33	111 141 161 A	Cap – Clutch thrust spring (round hole) for clutch 311 141 025 to Eng. No. 65 745	9
34	211 141 161	Cap – Clutch thrust spring (hexagonal hole) for clutch 211 141 025 A from Eng. No. 65 746	9
35	111 141 163	Seat – Clutch thrust spring for clutch 311 141 025/211 141 025 A	9
36	113 141 165 B	Clutch release bearing from Ch. No. 311 2000 001	1
37	111 141 167 C	Clutch release bearing to Ch. No. 310 2500 000	1
38	111 141 177 A	Retaining spring – Clutch release bearing to Ch. No. 310 2500 000	2
(38)	113 141 177 B	Retaining spring, left for clutch release bearing from Ch. No. 311 2000 001	1
(38)	113 141 178 B	Retaining spring, right for clutch release bearing from Ch. No. 311 2000 001	1
39	113 141 181	Guide sleeve for release bearing from Ch. No. 311 2000 001	1

40	N 11 007 1	Nut, hex. M 7	3
41	N 12 134 2	Lock washer A 7, 4	3
42	111 198 651 A	1 set of linings 180 (for single lining springs) for clutch plate 111 141 031 E	1
43	311 198 653	1 set of linings 200 (for single lining springs) for clutch plate 311 141 031/A	1
(43)	311 198 653 A	1 set of linings 200 (for double lining springs) for clutch plate 311 141 031 B/D	1
44	*311 141 195	Rivet - Clutch plate lining for clutch plate 311 141 031/A/111 141 031 E	16
(44)	*311 141 195 A	Rivet - Clutch plate lining for clutch plate 311 141 031 B/D	16
45	113 141 701 C	Operating shaft to Ch. No. 310 2500 000	1
(46)	113 141 701 E	Operating shaft for clutch from Ch. No. 311 2000 001 to August 1971	1
46	113 141 701 F	Operating shaft for clutch from Ch. No. September 1971	1
(47)	113 141 707	Bush, left for operating shaft from Ch. No. 316 000 001 to August 1971	1
47	113 141 707 A	Bush, left for operating shaft from Ch. No. September 1971	1
(48)	113 141 711	Bush right for operating shaft to Ch. No. August 1971	1
48	113 141 711 A	Bush, right for operating shaft from Ch. No. September 1971	1
(46)	113 141 713	Bush left for operating shaft to Ch. No. 315 220 883	1
(49)	113 311 141	Lock screw - Operating shaft bush to Ch. No. August 1971	1
49	113 311 141 A	Lock screw - Operating shaft bush from Ch. No. September 1971	1
(50)	113 141 717	Washer 16.1 x 22.5 - Operating shaft to Ch. No. August 1971	1
50	113 141 717 A	Washer 20.1 x 26.5 - Operating shaft from Ch. No. September 1971	1
(51)	111 141 719 B	Clutch operating lever to Ch. No. 315 158 979	1
51	111 141 719 C	Clutch operating lever from Ch. No. September 1971	1

(51)	131 141 719	Clutch operating lever from Ch. No. 315 158 980 to 312 2016 037	1	
(51)	361 141 719	Clutch operating lever from Ch. No. 312 2016 038	1	M 263
(52)	N 12 416 1	Lock ring 16 x 1 to Ch. No. 312 2016 037	2	
52	N 12 420 1	Lock ring 20 x 1.2 from Ch. No. 312 2016 038	2	
(53)	113 141 721	Rubber bush – Operating shaft from Ch. No. 316 000 001 to 312 2016 037	2	
53	113 141 721 A	Rubber bush – Operating shaft from Ch. No. 312 2016 038	1	
(54)	113 141 723	Return spring for clutch operating lever to Ch. No. 312 2016 037	1	
54	113 141 723 C	Return spring for clutch operating lever from Ch. No. 312 2016 038	1	
(55)	111 141 727	Seat – Return spring to Ch. No. 312 2016 037	1	
55	111 141 727 A	Seat – Return spring from Ch. No. 312 2016 038	1	

MAIN GROUP 1

Part No. Description Qty.

REPAIR KITS

111 198 007 A	1 set of engine gaskets from Eng. No. 65 746 use 113 251 263 for single carburetor engine comprising:	
113 101 125	Gasket 10 x 18 for crankcase jointing faces	6
311 101 341	Gasket between crankcase and cylinder	4
311 105 267 A	Seal - Crankshaft pulley	1
113 105 279 A	Gasket (metal) - Flywheel	1
311 105 295 A	Rubber seal for flywheel	1
113 109 345 A	Sealing washer - Push rod tube	16
113 109 449 A	Sealing washer - Stud to Eng. No. 672 697	4
113 109 449 B	Sealing washer - Stud from Eng. No. 672 698	4
111 115 111 A	Gasket - Oil pump body	2
111 115 111 B	Gasket - Oil pump body	2
111 115 131 A	Gasket - Oil pump cover	1
111 115 131 B	Gasket - Oil pump cover	1
113 115 189 A	Gasket - Oil strainer cover	2
311 115 315 A	Gasket - Oil filler pipe	1
113 127 311	Gasket under intermediate flange	1
113 127 313	Gasket under fuel pump	1
311 129 707	Gasket 32 x 38 - Intake manifold	2
113 129 717 A	Gasket - Intake pipe	2
111 251 261 B	Gasket - Exhaust flange	2
111 905 261	Sealing ring - Distributor	1
N 13 804 2	Gasket A 6 x 10 - Oil strainer cover	6
N 13 815 2	Gasket C 14 x 20 - Oil drain plug	1
N 13 817 1	Gasket C 18 x 22 - Oil pressure relief valve	2
N 13 830 1	Gasket A 8 x 14 - Stud	2
311 198 007 A	1 set of engine gaskets to Eng. No. 65 745 comprising:	
113 101 219	Gasket - Breather support	1
311 101 341	Gasket between crankcase and cylinder	4
311 105 267 A	Seal - Crankshaft pulley	1
113 105 279	Gasket (paper) - Flywheel	1
113 105 279 A	Gasket (metal) - Flywheel	1
113 109 345 A	Sealing washer - Push rod tube	16
113 109 449 A	Sealing washer - Stud	4
111 115 111 A	Gasket - Oil pump body	2

111 115 131 A	Gasket – Oil pump cover	1
113 115 189 A	Gasket – Oil strainer cover	2
311 115 315 A	Gasket – Oil filler pipe	1
111 117 151	Seal – Intermediate flange and oil cooler	4
113 127 311	Gasket under intermediate flange	1
113 127 313	Gasket under fuel pump	1
311 129 799	Gasket – Carburetor flange	1
113 251 263	Gasket right – Pre-heating pipe	2
111 905 261	Sealing ring – Distributor	1
N 13 815 2	Gasket C 14 x 20 – Oil drain plug	1
N 13 817 1	Gasket C 18 x 22 – Oil pressure relief valve	1
N 13 823 1	Gasket C 28 x 34 – Intake manifold	2
N 13 830 1	Gasket A 8 x 14 – Stud	2
111 198 029	1 set of sealing washers for oil cooler (marked green) comprising:	
	Sealing ring	2
N 11 533 2	Washer A 7, 4	3
	Fitting instructions	
113 198 031	1 set of gaskets for oil strainer cover comprising:	
113 115 189 A	Gasket	2
N 13 815 2	Seal C 14 x 20	1
N 13 804 2	Seal A 6 x 10	6
311 198 033	Set of parts for use when replacing crankcases (see VW Parts Service Bulletin 1/12) comprising:	
113 101 112 A	Plug for oil dipstick guide	1
113 101 145 A	Bush – Oil cooler mounting	1
113 115 411	Plunger – Oil pressure relief and oil pressure regulating valves	2
111 115 421 A	Spring – Oil pressure relief valve	1
111 115 425 A	Spring – Oil pressure regulating valve	1
111 115 431 C	Plug M 18 x 1.5	2
N 13 817 1	Sealing washer C 18 x 22	2
N 16 160 2	Plug CM 10 x 1 for oil pressure switch bore	1
N 14 558 1	Stud AM 10 A x 78 for engine mounting	2
N 14 395 3	Stud AM 8 A x 42 – Oil pump	4
N 14 396 3	Stud AM 8 A x 50 for fuel pump (for carburetor engines only)	2
N 14 565 1	Stud CM 8 A x M 6 x 56 for oil cooler	1

311 198 063

**1 cylinder 83 mm dia. ,
with piston, rings and piston pin**

to Eng. No. 65 745

comprising:

311 101 301 A	Cylinder	1
311 107 101 C	Piston	1
311 107 301 A	Piston ring	2
311 107 371	Scraper ring with coil spring	1
311 107 411	Piston pin	1
N 12 276 1	Circlip A 22 - Piston pin	2

311 198 063 C

**1 cylinder 83 mm dia. ,
with piston, rings and piston pin**

from Eng. No. 255 340 to 1 100 000: 311-314, 343-346, 361-364

comprising:

311 101 301 D	Cylinder	1
341 107 101 A	Piston	1
341 107 301	Piston ring	2
311 107 371	Scraper ring with coil spring	1
311 107 411	Piston pin	1
N 12 276 1	Circlip A 22 - Piston pin	2

311 198 063 H

**1 cylinder 83 mm dia. ,
with piston, rings and piston pin**

from Eng. No. 65 746 to 255 339:

311-314, 343, 345, 361-364

from Eng. No. 255 340 to 1 100 000: M 240

from Eng. No. 255 340 to K 0 078 229:

315-318, 365-368

comprising:

311 101 301 D	Cylinder	1
311 107 101 AA	Piston	1
311 107 301 C	Piston ring, upper	1
311 107 311	Piston ring, lower	1
311 107 371	Coil spring scraper ring	1
311 107 411	Piston pin	1
N 12 276 1	Circlip A 22 - Piston pin	2

311 198 063 J

**1 cylinder 83 mm dia. ,
with piston, rings and piston pin**

from Eng. No. K 0 078 230: 315-318, 365-368

comprising:

311 101 301 D	Cylinder	1
311 107 101 AA	Piston	1
311 107 301 C	Piston ring, upper	1
311 107 361 A	Piston ring, lower (stepped)	1
311 107 371	Coil spring scraper spring	1
311 107 411	Piston pin	1
N 12 276 1	Circlip A 22 - Piston pin	2

311 198 063 K**1 cylinder 83 mm dia. ,****with recessed piston, rings and piston pin**

from Eng. No. M 0 000 001 to M 0 001 213:

M 240: 315-318, 365-368

comprising:

311 101 301 D	Cylinder	1
311 107 101 AD	Piston	1
311 107 301 C	Piston ring, upper	1
311 107 311	Piston ring, lower	1
311 107 371	Coil spring scraper spring	1
311 107 411	Piston pin	1
N 12 276 1	Circlip A 22 - Piston pin	2

311 198 063 L**1 cylinder 83 mm dia. ,****with recessed piston, rings and piston pin**

from Eng. No. M 0 001 214: M 240: 315-318, 365-368

comprising:

311 101 301 D	Cylinder	1
311 107 101 AD	Piston	1
311 107 301 C	Piston ring, upper	1
311 107 361 A	Piston ring, lower (stepped)	1
311 107 371	Coil spring scraper spring	1
311 107 411	Piston pin	1
N 12 276 1	Circlip A 22 - Piston pin	2

211 198 069*** 1 cylinder 85.5 mm dia. ,****with piston, rings and piston pin**

from Eng. No. August 1971: M 236

comprising:

341 101 302	Cylinder	1
211 107 112	Piston	1
361 107 361	Piston ring, lower (stepped)	1
341 107 371	Scraper ring with coil spring	1
311 107 411	Piston pin	1
N 12 276 1	Circlip A 22 - Piston pin	2

311 198 069 C

1 cylinder 85.5 mm dia. ,

with recessed piston, rings and piston pin

from Eng. No. P 0 003 022 to P 0 006 080

M 240: 311-314, 343-346, 361-364;

M 240/M 250: 315-318, 365-368

comprising:

341 101 302	Cylinder	1
311 107 112 J	Piston	1
341 107 302	Piston ring, upper	1
341 107 302	Piston ring, upper	1
341 107 361	Piston ring, lower	1
341 107 371	Coil spring scraper ring	1
311 107 411	Piston pin	1
N 12 276 1	Circlip A 22 - Piston pin	2

311 198 069 D

1 cylinder 85.5 mm dia. ,

with piston, rings and piston pin

from Eng. No. T 0 000 001 to T 0 411 115:

311-314, 343-346, 361-364

comprising:

341 101 302	Cylinder	1
311 107 112 F	Piston	1
341 107 302	Piston ring	2
341 107 371	Coil spring scraper ring	1
311 107 411	Piston pin	1
N 12 276 1	Circlip A 22 - Piston pin	2

311 198 069 E

1 cylinder 85.5 mm dia. ,

with recessed piston, rings and piston pin

from Eng. No. P 0 000 001 to P 0 003 021:

M 240: 311-314, 343-346, 361-364

comprising:

341 101 302	Cylinder	1
311 107 112 J	Piston	1
341 107 302	Piston ring	2
341 107 371	Coil spring scraper ring	1
311 107 411	Piston pin	1
N 12 276 1	Circlip A 22 - Piston pin	2

311 198 069 F**1 cylinder 85.5 mm dia.,
with piston, rings and piston pin**

from Eng. No. T 0 411 116: 311-314, 343-346, 361-364
comprising:

341 101 302	Cylinder	1
311 107 112 F	Piston	1
341 107 302	Piston ring, upper	1
341 107 361	Piston ring, lower (stepped)	1
341 107 371	Coil spring scraper ring	1
311 107 411	Piston pin	1
N 12 276 1	Circlip A 22 - Piston pin	2

311 198 069 G**1 cylinder 85.5 mm dia.,
with recessed crown piston, rings and piston pin**

from Eng. No. P 0 006 081: M 240: 311-314, 361-364
comprising:

341 101 302	Cylinder	1
311 107 112 J	Piston	1
341 107 302	Piston ring, upper	1
341 107 361	Piston ring, lower (stepped)	1
341 107 371	Coil spring scraper ring	1
311 107 411	Piston pin	1
N 12 276 1	Circlip A 22 - Piston pin	2

315 198 163 A**1 set of piston rings 83 mm dia. (standard size)**

from Eng. No. K 0 078 230: 315-318, 365-368
from Eng. No. M 0 001 214: M 240: 315-318, 365-368
comprising:

311 107 301 C	Piston ring, upper	4
311 107 361 A	Piston ring, lower (stepped)	4
311 107 371	Coil spring scraper ring	4

315 198 165 A**1 set of piston rings 83.5 mm dia. (oversize)**

from Eng. No. K 0 078 230: 315-318, 365-368
comprising:

311 107 305 C	Piston ring, upper	4
311 107 365 A	Piston ring, lower (stepped)	4
311 107 375	Coil spring scraper ring	4

311 198 167 A**1 set of piston rings 84 mm dia. (oversize)**

to Eng. No. 255 339: 311-314, 343, 345, 361-364
from Eng. No. 255 340 to 1 100 000
comprising:

341 107 309	Piston ring	8
311 107 333 A	Expander spring	4
311 107 339	Scraper ring	4

315 198 167 A**1 set of piston rings 84 mm dia. (oversize)**

from Eng. No. K 0 078 230: 315-318, 365-368
comprising:

311 107 309 C	Piston ring, upper	4
311 107 369 A	Piston ring, lower (stepped)	4
311 107 379	Coil spring scraper ring	4

311 198 169 A

1 set of piston rings 85.5 mm dia. (standard size)

from Eng. No. T 0 411 116:

311-314, 343-346, 361-364; M 250: 315-318, 365-368

comprising:

341 107 302	Piston ring, upper	4
341 107 361	Piston ring, lower (stepped)	4
341 107 371	Coil spring scraper ring	4

311 198 171 A

1 set of piston rings 86 mm dia. (oversize)

from Eng. No. T 0 411 116: 311-314, 343-346, 361-364;

M 250: 315-318, 365-368

comprising:

341 107 306	Piston ring, upper	4
341 107 365	Piston ring, lower (stepped)	4
341 107 375	Coil spring scraper ring	4

311 198 173

1 set of piston rings 86.5 mm dia. (oversize)

from Eng. No. T 0 000 001 to T 0 411 115:

311-314, 343-346, 361-364

from Eng. No. T 0 260 001 to T 0 411 115:

M 250: 315-318, 365-368

comprising:

341 107 310	Piston ring	8
341 107 334	Expander spring	4
341 107 340	Scraper ring	4

311 198 173 A

1 set of piston rings 86.5 mm dia. (oversize)

from Eng. No. T 0 411 116:

311-314, 343-346, 361-364; M 250: 315-318, 365-368

comprising:

341 107 310	Piston ring, upper	4
341 107 369	Piston ring, lower (stepped)	4
341 107 379	Coil spring scraper ring	4

311 198 263 A

1 piston ring set 83 mm dia.

with coil spring scraper rings

to Eng. No. 255 339: 311-314, 343, 345, 361-364

from Eng. No. 255 340 to 1 100 000

comprising:

341 107 301	Piston ring	8
311 107 371	Coil spring scraper ring	4

315 198 263

1 piston ring set 83 mm dia.

with coil spring scraper rings

from Eng. No. K 0 000 001 to K 0 078 229:

315-318, 365-368

from Eng. No. M 0 000 001 to M 0 001 213:

M 240: 315-318, 365-368

comprising:

311 107 301 C	Piston ring, upper	4
311 107 311	Piston ring, lower	4
311 107 371	Coil spring scraper ring	4

311 198 265 A	1 set of piston rings 83.5 mm dia. (oversize) to Eng. No. 1 100 000 comprising:	
341 107 305	Piston ring	8
311 107 375	Coil spring scraper ring	4
315 198 265	1 set of piston rings 83.5 mm dia. (oversize) from Eng. No. K 0 000 001 to K 0 078 229: 315-318, 365-368 comprising:	
311 107 305 C	Piston ring, upper	4
311 107 315	Piston ring, lower	4
311 107 375	Coil spring scraper ring	4
311 198 267 A	1 set of piston rings 84 mm dia. (oversize) to Eng. No. 1 100 000 comprising:	
341 107 309	Piston ring	8
311 107 379	Coil spring scraper ring	4
315 198 267	1 set of piston rings 84 mm dia. (oversize) from Eng. No. K 0 000 001 to K 0 078 229: 315-318, 365-368 comprising:	
311 107 309 C	Piston ring, upper	4
311 107 319	Piston ring, lower	4
311 107 379	Coil spring scraper ring	4
311 198 269	1 piston ring set 85.5 mm dia. with coil spring scraper rings from Eng. No. T/P 0 000 001 to T 0 411 115/P 0 003 021: 311-314, 343-346, 361-364 comprising:	
341 107 302	Piston ring	8
341 107 371	Coil spring scraper ring	4
311 198 271	1 set of piston rings 86 mm dia. (oversize) from Eng. No. T 0 000 001 to T 0 411 115: 311-314, 343-346, 361-364 M 250: 315-318, 365-368 from Eng. No. T 0 260 001 to T 0 411 115: comprising:	
341 107 306	Piston ring	8
341 107 375	Coil spring scraper ring	4
311 198 273	1 set of piston rings 86.5 mm dia. (oversize) from Eng. No. T 0 000 001 to T 0 411 115: 311-314, 343-346, 361-364 from Eng. No. T 0 260 001 to T 0 411 115: M 250: 315-318, 365-368 comprising:	
341 107 310	Piston ring	8
341 107 379	Coil spring scraper ring	4

111 198 461	1 set of crankshaft bearings, outer dia. 65.0 mm	
	comprising:	
113 105 501 B	Bearing No. 1 – Crankshaft	1
131 105 531	Bearing shell No. 2 – Crankshaft	2
113 105 561	Bearing No. 3 – Crankshaft	1
021 105 591	Bearing No. 4 – Crankshaft	1
111 198 463	1 set of crankshaft bearings, outer dia. 65.0 mm	
	(0.25 mm u.s.)	
	comprising:	
113 105 507 A	Bearing No. 1 – Crankshaft	1
131 105 537	Bearing shell No. 2 – Crankshaft	2
113 105 567	Bearing No. 3 – Crankshaft	1
021 105 597	Bearing No. 4 – Crankshaft	1
111 198 465	1 set of crankshaft bearings, outer dia. 65.0 mm	
	(0.5 mm u.s.)	
	comprising:	
113 105 513 A	Bearing No. 1 – Crankshaft	1
131 105 543	Bearing shell No. 2 – Crankshaft	2
113 105 573	Bearing No. 3 – Crankshaft	1
021 105 603	Bearing No. 4 – Crankshaft	1
111 198 467	1 set of crankshaft bearings, outer dia. 65.0 mm	
	(0.75 mm u.s.)	
	comprising:	
113 105 519 A	Bearing No. 1 – Crankshaft	1
131 105 549	Bearing shell No. 2 – Crankshaft	2
113 105 579	Bearing No. 3 – Crankshaft	1
021 105 609	Bearing No. 4 – Crankshaft	1
111 198 469	1 set of crankshaft bearings, outer dia. 65.0 mm	
	(1.0 mm u.s.)	
	comprising:	
113 105 525 A	Bearing No. 1 – Crankshaft	1
131 105 555	Bearing shell No. 2 – Crankshaft	2
113 105 585	Bearing No. 3 – Crankshaft	1
113 105 615	Bearing No. 4 – Crankshaft	1
111 198 471	1 set of crankshaft bearings	
	(standard size)	
	for remachined crankcases	
	comprising:	
113 105 503 D	Crankshaft bearing No. 1	1
131 105 533	Bearing shell No. 2 – Crankshaft	2
113 105 563	Crankshaft bearing No. 3	1
113 105 593 A	Crankshaft bearing No. 4	1
111 198 473	1 set of crankshaft bearings	
	(0.25 mm u.s.)	
	for remachined crankcases	
	comprising:	
113 105 509 D	Crankshaft bearing No. 1	1
131 105 539	Bearing shell No. 2 – Crankshaft	2
113 105 569	Crankshaft bearing No. 3	1
113 105 599 A	Crankshaft bearing No. 4	1

111 198 541	1 set of camshaft bearings, outer dia. 27.5 mm (standard size)	
	comprising:	
	Bearing shell – No. 1 camshaft bearing	2
	Bearing shell – No. 2 camshaft bearing	2
	Bearing shell left – No. 3 camshaft bearing	1
	Bearing shell right – No. 3 camshaft bearing	1
111 198 542	1 set of camshaft bearings, outer dia. 28.0 mm (standard size) for remachined camshaft bores	
	comprising:	
	Bearing shell – No. 1 camshaft bearing	2
	Bearing shell – No. 2 camshaft bearing	2
	Bearing shell left – No. 3 camshaft bearing	1
	Bearing shell right – No. 3 camshaft bearing	1
111 198 543	1 set of camshaft bearings, outer dia. 27.5 mm (0.25 mm u. s.)	
	comprising:	
	Bearing shell – No. 1 camshaft bearing	2
	Bearing shell – No. 2 camshaft bearing	2
	Bearing shell left – No. 3 camshaft bearing	1
	Bearing shell right – No. 3 camshaft bearing	1
311 198 553	Repair kit – Fuel pump	
	to Eng. No. 1 100 000	
	comprising:	
113 127 113	Gasket for inspection cover	1
311 127 141	Diaphragm with spring and collar	1
113 127 183	Gasket – Cover	1
113 127 189	Gasket – Bolt, hex. hd.	1
113 127 311	Gasket under intermediate flange	1
113 127 313	Gasket under fuel pump	1
N 12 434 1	Lock washer 4 for shaft	2
311 198 555	Repair kit – Fuel pump	
	from Eng. No. K/T 0 000 001	
	comprising:	
113 127 113	Gasket for inspection cover	1
311 127 141	Diaphragm with spring and collar	1
111 127 181	Gasket 15 x 18.5 x 1 – Plug	1
021 127 201	Cut-off diaphragm	1
311 127 215	Gasket – Cut-off diaphragm	1
113 127 311	Gasket under intermediate flange	1
113 127 313	Gasket under fuel pump	1
N 12 434 1	Lock washer 4 for shaft	2

311 198 571**1 set of gaskets for carburetor 32 PHN**

comprising:

311 129 119	Gasket – Inspection cover	1
311 129 193	Gasket – Cover	1
111 129 213 C	Sealing washer 12 x 15 x 1 – Needle valve	1
311 129 281 B	Gasket between carburetor body and cover	1
311 129 285	Felt ring – Push rod	1
311 129 287	Sealing ring – Push rod	1
311 129 309	Gasket 6 x 8.8 x 1 – Plug	2
111 129 409	Gasket 11 x 14.8 x 1.2 – Plug	1
111 129 447	Sealing ring	1
311 129 447	Sealing ring – Screw, cheese hd.	1

311 198 573**1 set of gaskets for 2 carburetors 32 PDSIT**

comprising:

311 129 193	Gasket – Cover	2
111 129 213 F	Sealing washer 12 x 15 x 0.5 – Needle valve	2
111 129 213 D	Sealing washer 12 x 15 x 1.5 – Needle valve	2
341 129 281	Gasket – Carburetor body	2
341 129 293	Gasket between main body and throttle housing	2
311 129 409	Sealing washer 10 x 13.5 x 1 – Carrier	2

211 198 635**Repair kit for clutch cover 211 141 025 A**

from Eng. No. 65 746

comprising:

113 141 125	Clutch release plate	1
211 141 129	Clutch release lever	3
311 141 131	Pin – Bolt	3
311 141 133	Bolt	3
311 141 135 A	Thrust washer – Adjusting nut	3
311 141 137	Adjusting nut	3
111 141 141	Return spring – Clutch release lever	3
211 141 145 A	Spring – Clutch release plate	3

111 198 651 A**1 set of linings – Clutch plate****111 141 031 E (for single lining springs)**

comprising:

311 141 195	Lining – Clutch plate 180	2
	Rivet	16

311 198 653**1 set of linings – Clutch plate****311 141 031/A (for single lining springs)**

comprising:

311 141 195	Lining – Clutch plate 200	2
	Rivet	16

311 198 653 A**1 set of linings – Clutch plate****311 141 031 B/D (for double lining springs)**

comprising:

311 141 195 A	Lining – Clutch plate 200	2
	Rivet	16

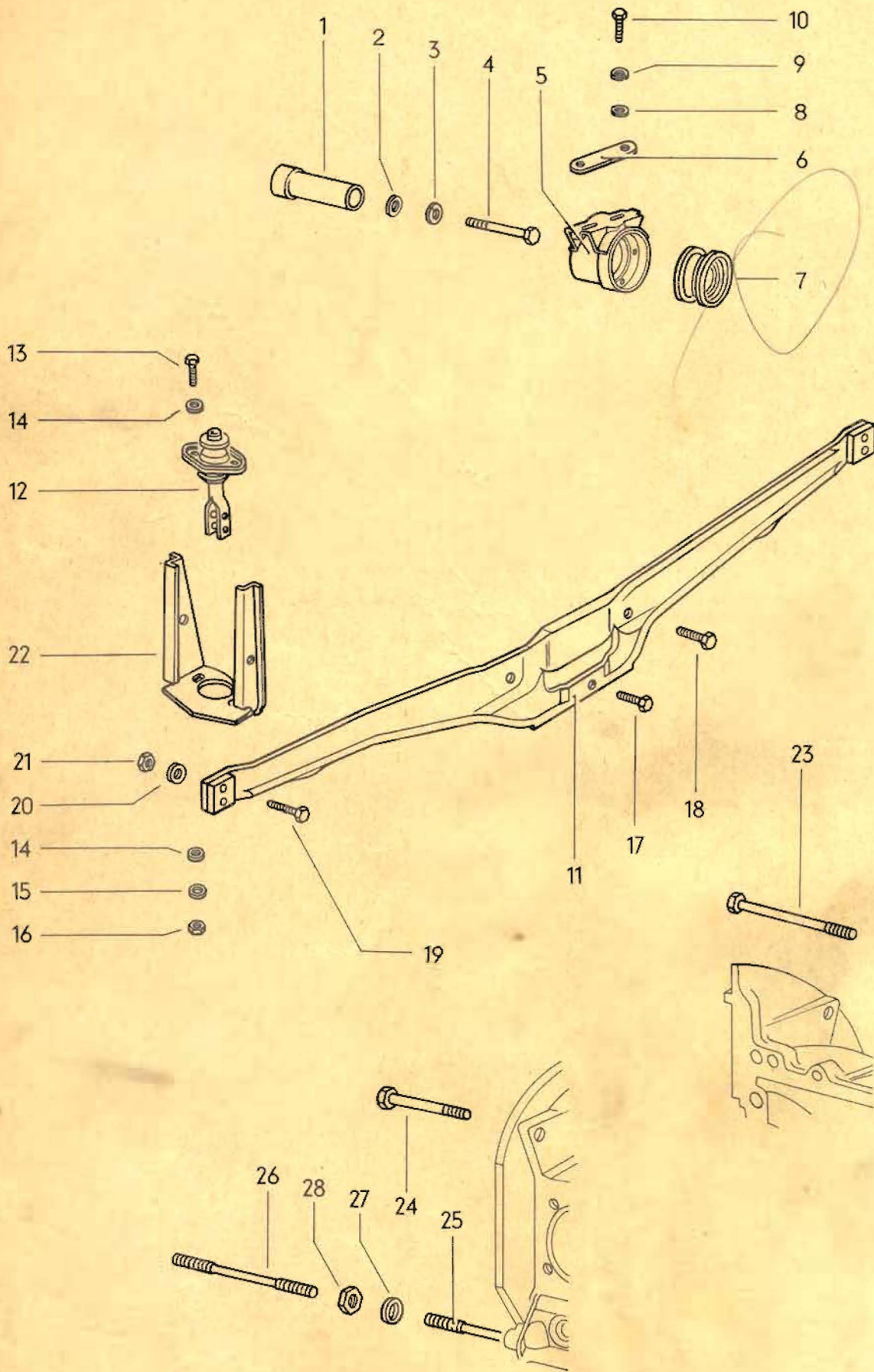
311 198 901

1 set of parts for progressive carburetor operation

for service installation to Eng. No. 260 978

comprising:

311 129 933	Relay shaft on intake manifold	1
311 129 937	Lever with ball	1
311 129 941	Lever - Relay shaft	1
311 129 953	Pin - Lever	1
311 129 971	Shim 0.2 mm	3
N 11 008 3	Nut, hex. M 8	2
N 11 533 1	Washer A 7.4	1
N 11 558 1	Washer 8.4	1
N 12 228 2	Spring washer B 8	2
N 12 229 1	Spring washer A 8	1
N 12 434 1	Lock washer 4	1



MAIN GROUP 1

ENGINE

Key	Part No.	Description	Qty.	Type and model
ENGINE MOUNTING, REAR				
to Ch. No. 318 500 000				
from Ch. No. 319 000 001				
				M 263
1	311 199 021	Tube – Engine mounting, rear	1	
2	311 199 125	Washer – Tube	1	
3	N 12 009 1	Lock washer A 8	1	
4	N 10 390 1	Bolt, hex. hd. BM 8 x 95	1	
5	311 199 131	Housing – Engine mounting, rear	1	
6	311 199 143	Packing – Housing	X	
7	311 199 145	Rubber mounting	1	
8	N 11 670 1	Washer 8.1	2	
9	N 12 009 1	Lock washer A 8	2	
10	N 10 241 3	Bolt, hex. hd. M 8 x 22	X	
(10)	N 10 247 3	Bolt, hex. hd. M 8 x 35	X	
SECURING PARTS – ENGINE MOUNTING				
TO ENGINE CARRIER AND BODY				
from Ch. No. 318 015 226				
from Ch. No. 319 000 001				
				M 249
11	311 199 203 A	Engine carrier	1	
12	311 199 301 B	Bonded rubber mounting – Engine carrier	2	
13	N 10 240 3	Bolt, hex. hd. M 8 x 20	4	
14	N 11 558 1	Washer 8.4	8	
15	N 11 670 1	Washer 8.1	8	
16	113 415 431 A	Nut, hex. M 8 self locking	4	
17	N 14 329 1	Bolt, hex. hd. M 8 x 20	1	
18	N 14 333 1	Bolt, hex. hd. M 10 x 27	2	
19	N 10 247 3	Bolt, hex. hd. M 8 x 35	4	
20	311 199 349	Spring washer 8	4	
21	113 415 431 A	Nut, hex. M 8 (self-locking)	4	
(22)	311 813 471 A	Support, left – Engine mounting to Ch. No. 318 500 000	1	311-314,361-364
22	311 813 471 B	Support, left – Engine mounting from Ch. No. 319 000 001	1	311-314, 361-368
(22)	315 813 471	Support, left – Engine mounting	1	315-318
(22)	311 813 472	Support, right – Engine mounting to Ch. No. 318 500 000	1	311-314, 361-368
(22)	311 813 472 A	Support, right – Engine mounting from Ch. No. 319 000 001	1	311-314, 361-368
(22)	315 813 472	Support, right – Engine mounting	1	315-318

ENGINE**TO TRANSMISSION SECURING PARTS**

(23)	N 10 500 1	Bolt, hex. hd. M 10 x 110 to Eng. No. K 0 060 000/T 0 260 000	1	
23	111 199 101	Screw M 10 x 110 from Eng. No. K 0 060 001/T 0 260 001	1	
(24)	N 10 495 1	Bolt, hex. hd. M 10 x 170	2	M 249
24	N 10 470 1	Bolt, hex. hd. M 10 x 70	1	
25	N 14 525 1	Stud AM 10 A x 85	2	
(25)	N 14 412 1	Stud CM 12 x 1, 5 A/M 10 x 82	X	
26	N 14 558 1	Stud AM 10 A x 78 (see VW Parts Service Bulletin 1-12)	2	
27	N 12 230 2	Spring washer B 10	4	
28	N 11 010 4	Nut, hex. M 10	4	