



MOTORENFABRIK HATZ GMBH & CO KG
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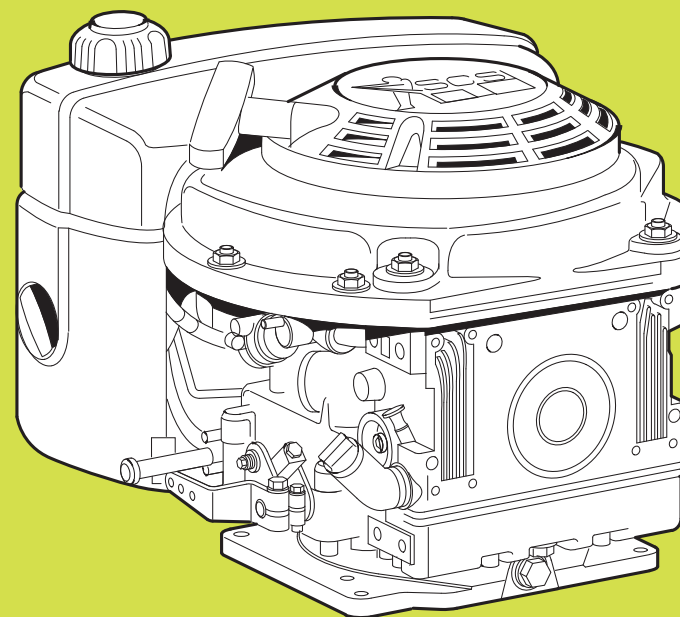
Original-Ersatzteile

Original-spare parts

Pièces de rechange d'origine

Repuestos originales

Pezzi di ricambio originali



1 B 40 V/W

1 B 50 V/W

0000 434 840 78
07.2010- 0.1
Printed in Germany



Original-Ersatzteile

Original-spare parts

Pièces de rechange d'origine

Repuestos originales

①	TYPE / SPEC. / FDT
②	SERIAL NO.
③	MIN ⁻¹

EMISSION CONTROL INFORMATION			
MOTORENFABRIK HATZ KG · D-94099 RUHSTORF			
ENG.FAM.	MADE IN GERMANY	min ⁻¹ /h	
TYPE / SPEC. / FDT			
①	SERIAL NO.		
②	Liter / PV		
MIN ⁻¹	NH / kW	BUILD DATE	
③			
This engine conforms to ☐ U.S. EPA regulations for off-road compression-ignition engines and ☐ California regulation for off-road compression-ignition engines. Refer to Owner's manual for maintenance specifications and adjustments.			
EC-TYPE NO.			
CONSTANT-SPEED ONLY ☐ VARIABLE SPEED ☐			

Nächste HATZ-Servicestelle:

Nearest HATZ service station:

Station-service HATZ la plus proche:

Servicio HATZ más cercano:

Più vicino centro di servizio HATZ:

www.hatz-diesel.com

Ersatzteilliste Nr./ Spare parts list no./ Liste des pièces de rechange no./ Lista de repuestos No./ Lista ricambi n.

1 B 40V/W.15 EPA IV □ (117 15)
1 B 50V/W.12 EPA IV □ (126 12)

Beispiel: / Example: / Exemple: / Ejemplo: / Esempio: **117 15 11 123456**

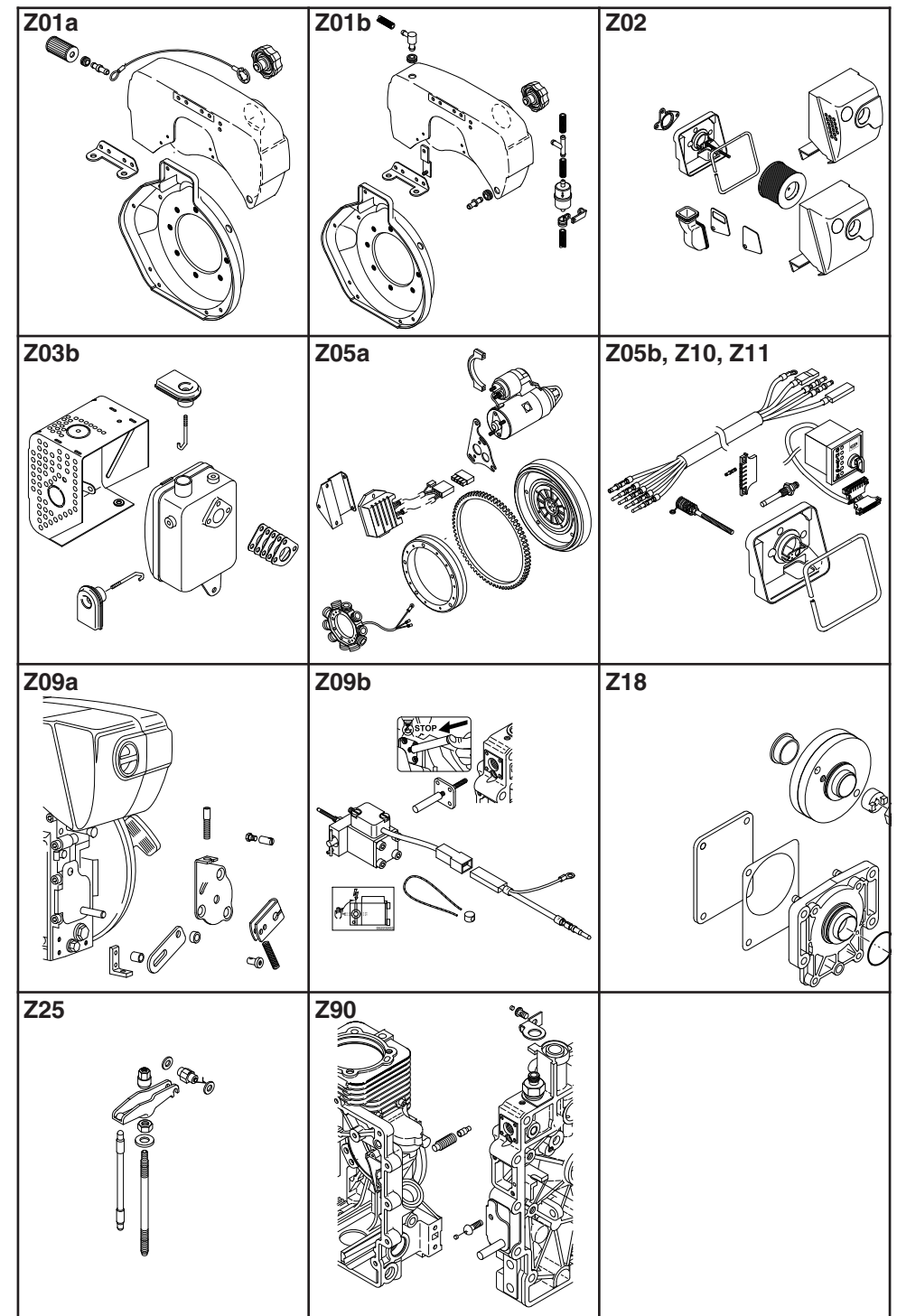
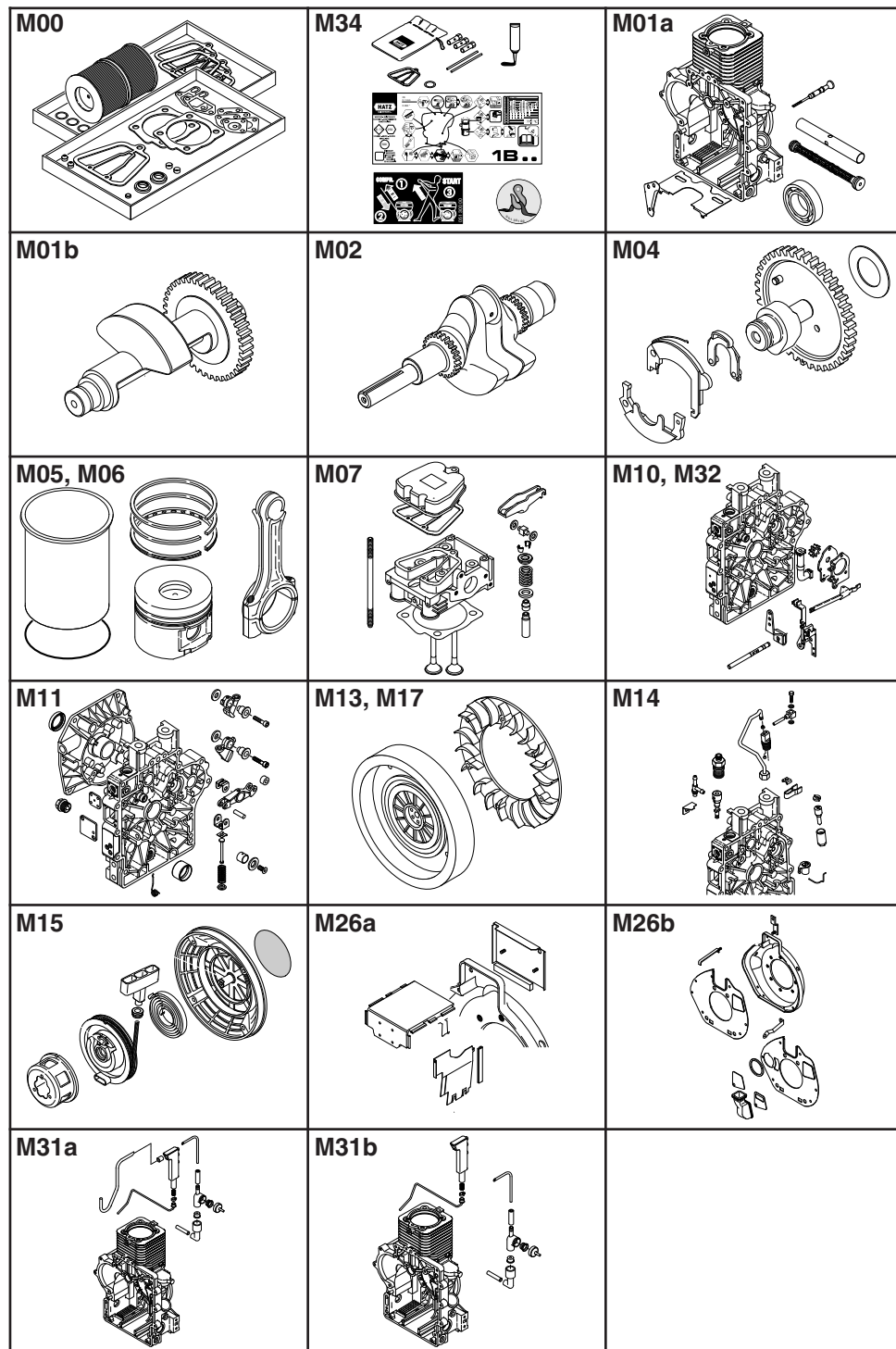
Engine type No. | Engine series | Prod. year | Consecutively number

Lassen Sie Service-Arbeiten immer von qualifiziertem Fachpersonal durchführen. Wir empfehlen Ihnen hierfür eine von über 500 **HATZ-Servicestationen**. Dort wird Ihr Motor von laufend geschultem Personal, mit **Original HATZ-Ersatzteilen** und mit **HATZ-Werkzeug** instandgesetzt.

Der Einbau von ungeeigneten Ersatzteilen kann zu Problemen führen. Für Schäden oder Folgeschäden, die daraus entstehen, können wir keine Haftung übernehmen. Wir empfehlen deshalb die Verwendung von **Original HATZ-Ersatzteilen**. Diese Teile sind nach den strengen **HATZ-Spezifikationen** gefertigt und sorgen durch ihre perfekte Passform und Funktion für höchste Betriebssicherheit.

Always have service work performed by qualified specialists. To this effect, we recommend that you consult one of the 500 **HATZ service stations**. There, your engine is repaired by staff who constantly undergo training and who use both **original HATZ spare parts** and **HATZ tools**. The installation of inappropriate spare parts may cause problems. We cannot accept any liability for damage or consequential damage resulting therefrom. Thus, we recommend that you use **original HATZ spare parts**. These parts are manufactured following the strict **HATZ specifications** and ensure, thanks to their perfect fit and function, maximum operating reliability.

Toujours faire effectuer les travaux de service après-vente par un personnel qualifié. Nous vous conseillons de contacter un des 500 **ateliers agréés HATZ**. Votre moteur y sera réparé par un personnel formé régulièrement et utilisant des **pièces de rechange d'origine HATZ** et l'**outillage HATZ**. Le montage de pièces de rechange adaptables peut entraîner des problèmes. Nous n'assumons aucune responsabilité pour des dommages directs ou indirects qui en découlent. Pour cette raison, nous vous recommandons l'utilisation des **pièces de rechange d'origine HATZ**. Ces pièces sont usinées selon les spécifications sévères **HATZ** et grâce à l'adaptation et le fonctionnement parfaits elles garantissent un maximum de sécurité de fonctionnement.



Ersatzteilsätze
Spare parts kits
Jeux de pièces de rechange
Juegos de piezas de recambios
Serie guarnizioni

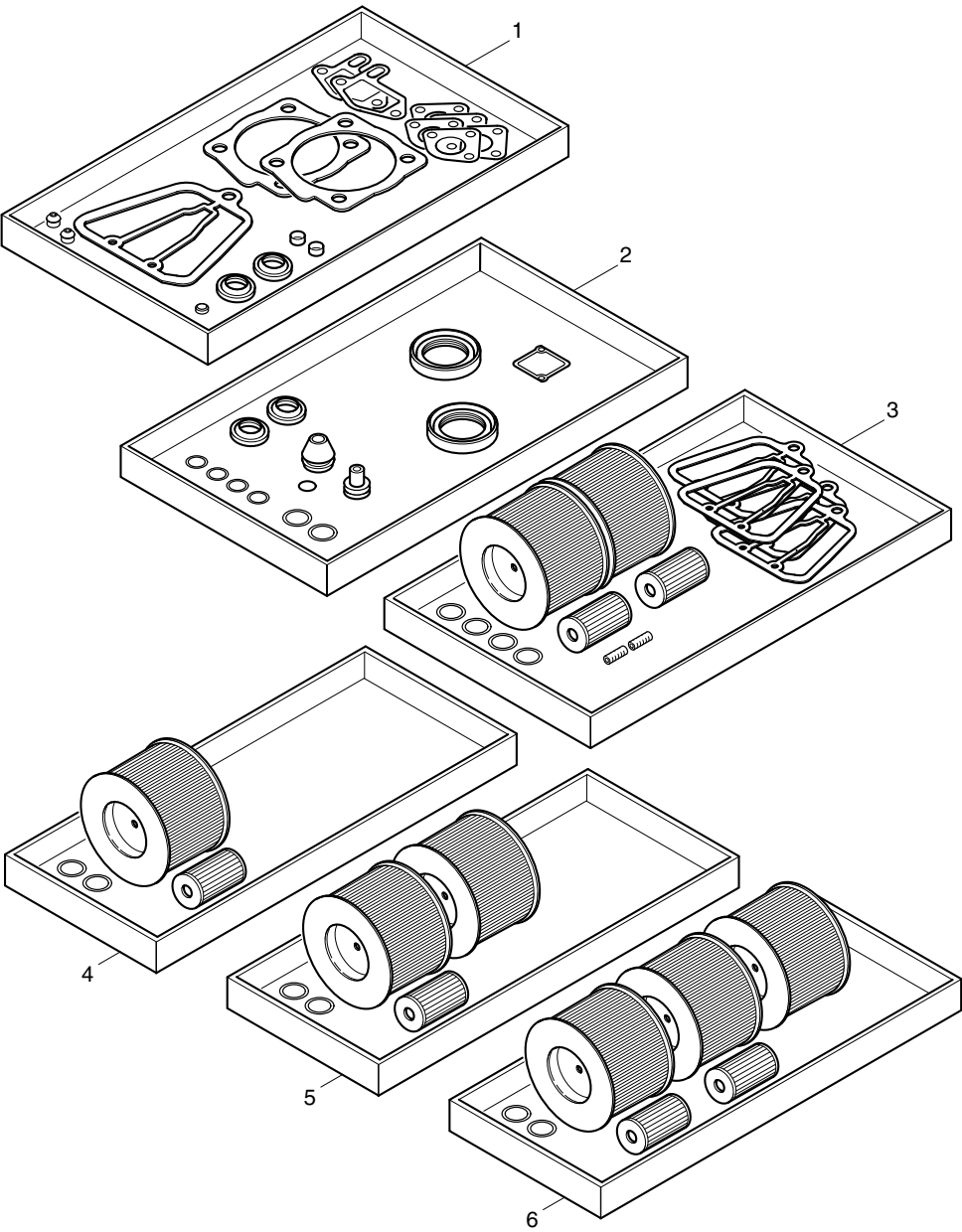


Fig.- No.	HATZ Ident-No.	Stück Qty.	W d / D	Bemerkungen Notes
		1B40V/W EPA IV	1B50V/W EPA IV	
W: Im Wartungssatz enthalten. Incl. in maintenance kit. Contenu dans le jeu d'entretien. Incluido en el juego de mantenimiento. Contenuto nella serie manutenzione.				
D: Im Dichtungssatz Kurbelgeh. Incl. in gasket set crankcase. Contenu dans le jeu de joints carter moteur. Incluido en el juego de juntas caja cigueñal. Contenuto nella serie guarnizioni basamento.				
d: Im Dichtungssatz f. 1 Zyl.-Kopf enthalten. Incl. in gasket set f. 1 cyl. head. Contenu dans le jeu de joint p. 1 culasse. Incluido en el juego de juntas p. 1 culata. Contenuto nella serie guarnizioni p. 1 testa.				
1	0000 016 792 03	1	-	Dichtungssatz für 1 Zylinderkopf Gasket set for 1 cyl. head Jeu de joint p. 1 culasse Juego de juntas para 1 culata Serie guarnizioni per 1 testa
1	0000 019 400 01	-	1	
2	0000 017 103 02	1	1	Dichtungssatz für Kurbelgehäuse Gasket set for crankcase Jeu de joints p. carter moteur Juego de juntas para caja cigueñal Serie guarnizioni basamento
3	0000 017 104 00	1	1	Wartungssatz für 1000 h 1000 hours maintenance kit Kit d'entretien 1000 heures - Juego de piezas para servicio 1C 1000 horas Kit di manutenzione a 1000 ore
4	0000 022 656 00	1	1	Filterprogramm Filter program Progr. de filtr. Progr. de filtros Programma di filtro
5	0000 022 682 00	1	1	
6	0000 022 693 00	1	1	

M34

Zubehör
Accessories
Accessoires
Accessorios
Kit accessori

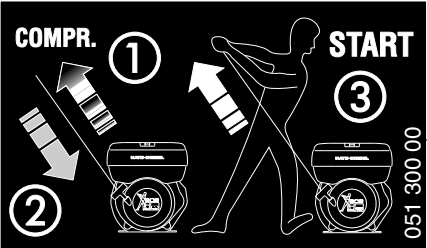
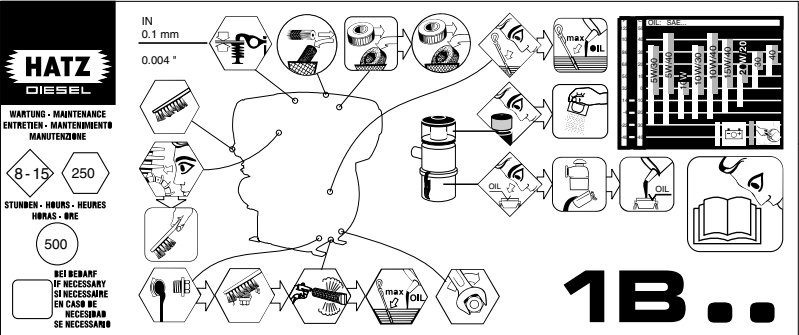
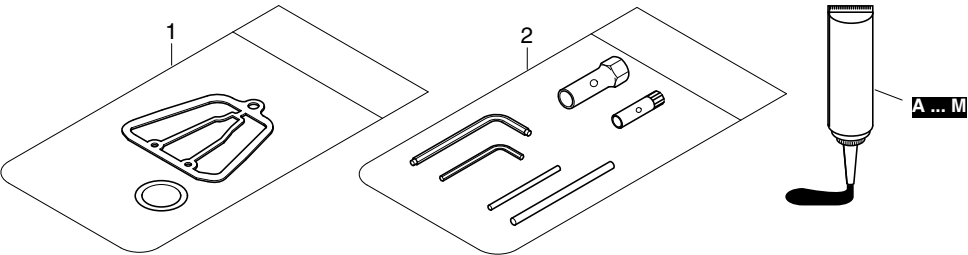


Fig.- No.	HATZ Ident-No.	Stück Qty.		W d / D	Bemerkungen Notes
		1B40V/W EPA IV	1B50V/W EPA IV		
1	0000 013 297 01	1	1		Zubehörsatz - Accessoires kit Werkzeugsatz - Tool set 160 x 67mm
2	0000 013 309 01	1	1		
3	0000 051 104 05	1	1		
4	0000 051 300 02	1	1		

Dicht- und Klebstoffe Materias para empaquetar y pegar
Sealing- and bonding adhesives Adesivi e collanti
Etanchéifiant et Colle

A = 0000 502 230 01	Loctite Activator N	500 ml	siehe Hinweis auf den einzelnen Bildtafeln as specified in the individual tables
B = 0000 502 231 01	Loctite 574	50 ml	
C = 0000 502 232 00	Loctite 601	50 ml	
D = 0000 502 233 00	Loctite 221	50 ml	
E = 0000 502 234 00	Loctite 648	10 ml	suivant les remarques sur les tableau correspondant
F = 0000 502 238 00	Technicoll 8058	0,75 kg	
+ 0000 502 239 00	Technicoll 8367	0,75 kg	según las indicaciones de las tablas correspondientes
G = 0000 502 565 01	Loctite IS 407	20 g	
H = 0000 700 189 44	Silicon	310 ml	seguire le indicazioni sul quadro corrispondente
J = 0000 502 830 04	Hochtemp. Paste	100 ml	
K = 0000 503 426 01	Hochtemp. Fett	400 g	
L = 0000 502 566 00	Silicon sealer	100 g	
M = 0000 504 851 00	Schleifpaste	80 g	

M01a

Kurbelgehäuse
Crankcase
Carter moteur
Caja cigueñal
Basamento motore

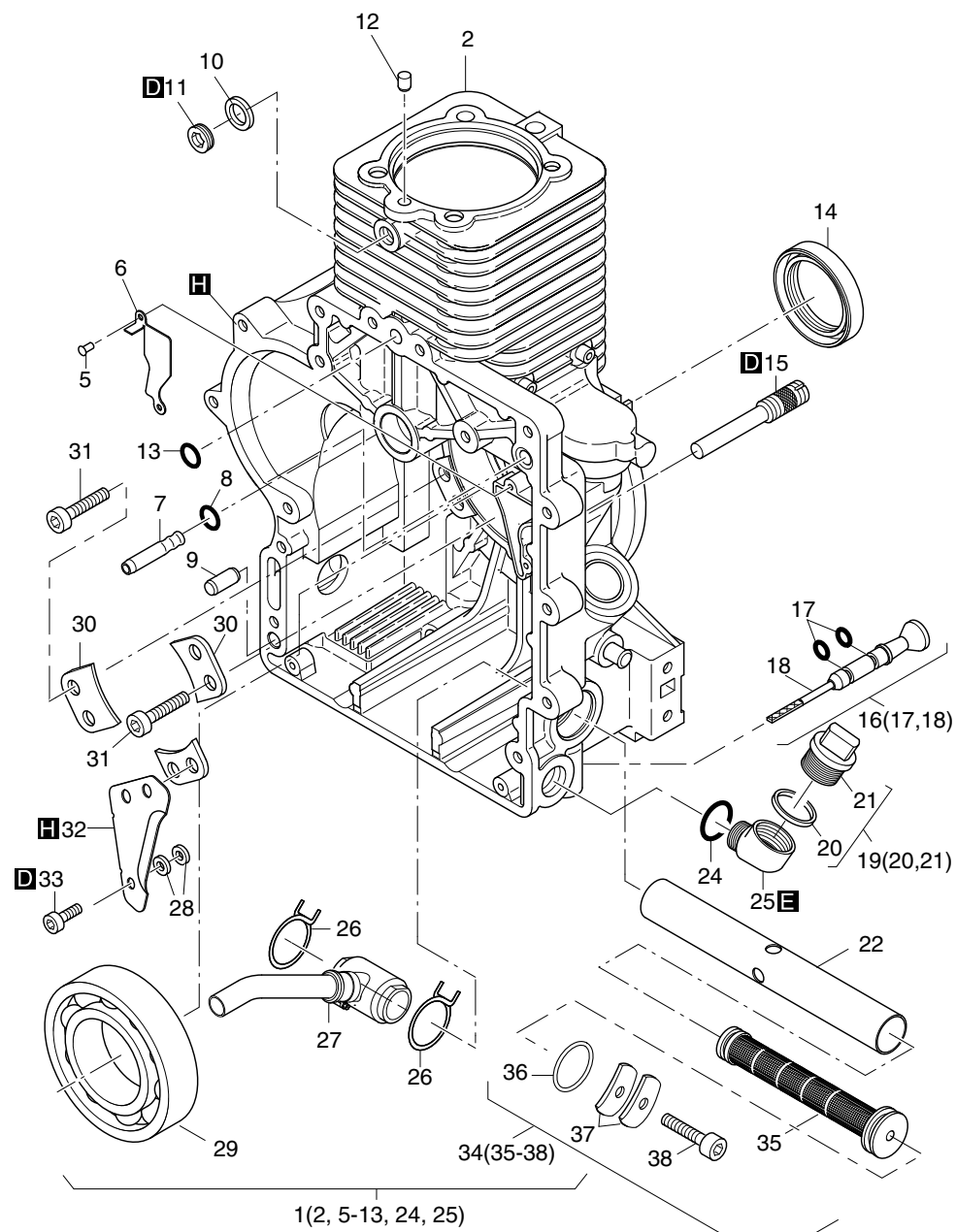


Fig.- No.	HATZ Ident-No.	Stück Qty.	W d / D	Bemerkungen Notes
		1B40V/W EPA IV	1B50V/W EPA IV	
1	0000 017 042 00	1	-	
1	0000 019 402 00	-	1	
2	-----	-	-	
5	0000 400 026 00	2	2	3,2
6	0000 042 189 00	1	1	
7	0000 050 843 00	1	1	
8	0000 504 403 00	1	1	D1 8 x 1,5
9	0000 502 491 02	1	1	8 M 6 x 20 2-Fasen
10	0000 500 624 00	1	1	A 10 x 13,5 DIN 7603-Cu
11	0000 500 623 00	1	1	M 10 x 1 DIN 908-5.8 A3C
12	-----	-	-	
13	0000 400 223 00	1	1	D1 8 x 2
14	0000 504 790 00	1	1	D1 45 x 60 x 8
15	0000 041 444 01	1	1	
16	0000 013 505 02	1	1	
17	0000 400 220 00	2	2	D2 5 x 2
18	-----	-	-	
19	0000 016 131 00	1	1	
20	0000 041 250 00	1	1	D1 26 x 35 x3
21	-----	-	-	
22	0000 041 415 00	1	1	
24	0000 504 759 01	1	1	D1 20 x 4
25	0000 041 637 00	1	1	
26	0000 050 369 00	2	2	
27	0000 013 641 00	1	1	
28	0000 502 163 00	2	2	5,3 DIN 125-St A3C
29	0000 504 789 00	1	1	6310 C4 DIN 625
30	0000 041 338 00	3	3	
31	0000 505 642 00	6	6	M6x18 DIN 6912 - 8.8 PRE 80-8
32	0000 041 994 00	1	1	
33	0000 502 745 00	1	1	M 5 x 12 DIN 912-8.8 A3C
34	0000 015 427 03	1	1	
35	-----	-	-	
36	0000 504 759 01	1	1	D1 20 x 4
37	0000 051 482 00	2	2	
38	0000 501 707 00	1	1	M 6 x 16 DIN 912-8.8 A3C

M01b

Massenausgleich
Compensation of masses
Equilibrage des masses
Compensación de las masas
Masse controrotanti

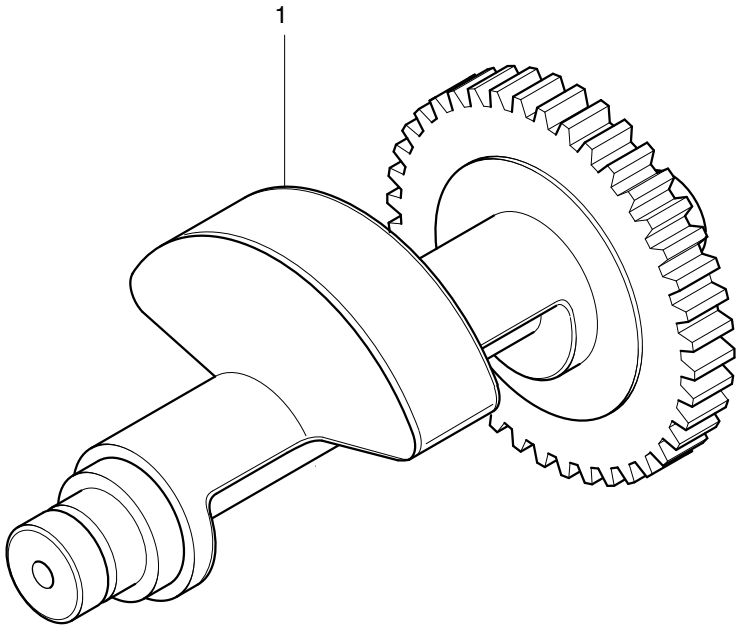


Fig.- No.	HATZ Ident-No.	Stück Qty.		W d / D	Bemerkungen Notes
		1B40W EPA IV	1B50W EPA IV		
1	0000 013 492 01	1	1		

M02

Kurbelwelle
Crankshaft
Vilebrequin
Cigueñal
Albero a gomito

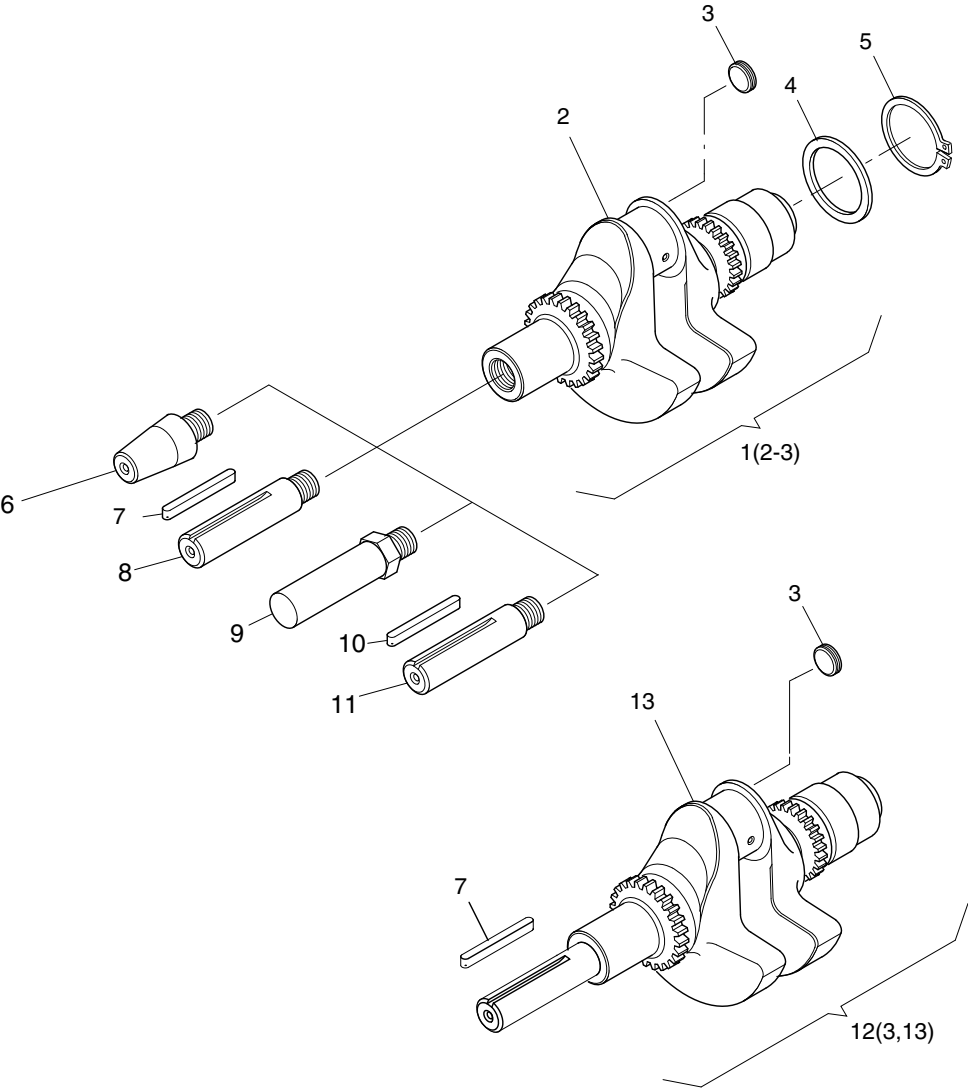


Fig.- No.	HATZ Ident-No.	Stück Qty.		W d / D	Bemerkungen Notes
		1B40V/W EPA IV	1B50V/W EPA IV		
1	0000 013 702 01	1	1		V/W
2	-----	-	-		
3	0000 505 297 00	1	1		14 DIN 443 St
4	0000 504 814 00	1	1		50 x 62 x 3,0
5	0000 500 218 00	1	1		A 50 x 2 DIN 471
6	0000 050 997 00	1	-		Nr. 6 ital. 23 keg., con.
7	0000 051 416 00	1	1		A 6,35 x 61
8	0000 051 276 20	1	-		Nr. 2 - ø 1" zyl., cil.
9	0000 051 073 01	1	-		SW 27 mm, ø 26,8 mm
10	0000 504 634 00	1	-		A 5 x 5 x 36 DIN 6885
11	0000 041 525 00	1	-		ø 22,2 zyl., cil.
12	0000 017 817 00	1	1		V-2 W-2
13	-----	-	-		

Nockenwelle
Camshaft
Arbre à cames
Arbol de levas
Albero a camme

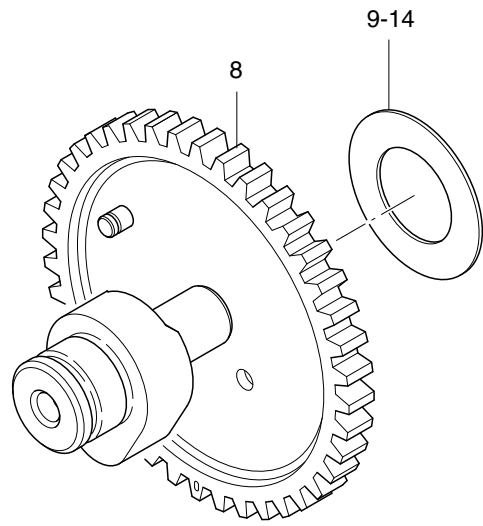


Fig.- No.	HATZ Ident-No.	Stück Qty.		W d / D	Bemerkungen Notes
		1B40V/W EPA IV	1B50V/W EPA IV		
8	0000 017 225 01	1	1		
9	0000 041 217 00	0... 1	0... 1		0,9 mm 23 x 38 x 0,9
10	0000 041 121 00	0... 1	0... 1		1,0 mm 23 x 38 x 1,0
11	0000 041 122 00	0... 1	0... 1		1,1 mm 23 x 38 x 1,1
12	0000 041 123 00	0... 1	0... 1		1,2 mm 23 x 38 x 1,2
13	0000 041 251 00	0... 1	0... 1		1,3 mm 23 x 38 x 1,3
14	0000 041 252 00	0... 1	0... 1		1,4 mm 23 x 38 x 1,4

M05, M06

Kolben, Pleuel, Zylinder
Piston, conrod, cylinder
Piston, bielle, cylindre
Embolo, biela, cilindro
Pistone, biella, cilindro

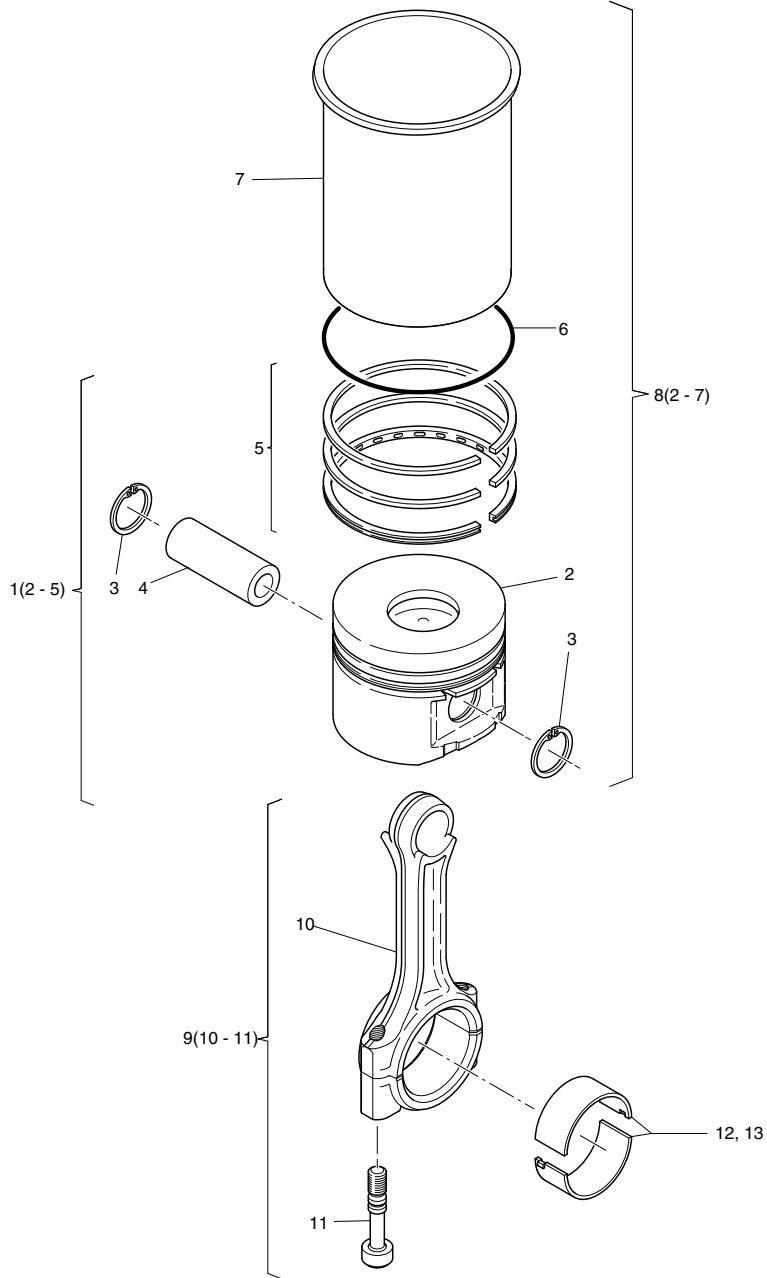


Fig.- No.	HATZ Ident-No.	Stück Qty.		W d / D	Bemerkungen Notes
		1B40V/W EPA IV	1B50V/W EPA IV		
1	0000 013 748 10	1	-		88 mm
1	0000 013 843 20	-	1		93 mm
2	-----	-	-		
3	0000 504 823 00	2	2		22 x 1 DIN 472
4	0000 505 271 00	1	-		22 x 13 x 58
4	0000 505 664 00	-	1		22 x 13 x 60
5	0000 013 747 01	1	-		88 mm
5	0000 013 844 10	-	1		93 mm
6	0000 504 793 01	1	-		93 x 1,5
7	-----	-	-		
8	0000 016 796 10	1	-		
9	0000 013 435 00	1	1		
10	-----	-	-		
11	0000 041 005 00	2	2		
12	0000 016 798 00	1	1		
13	0000 016 927 00	1	1		- 0,5 mm

Zylinderkopf
Cylinder head
Culasse
Culata
Testa

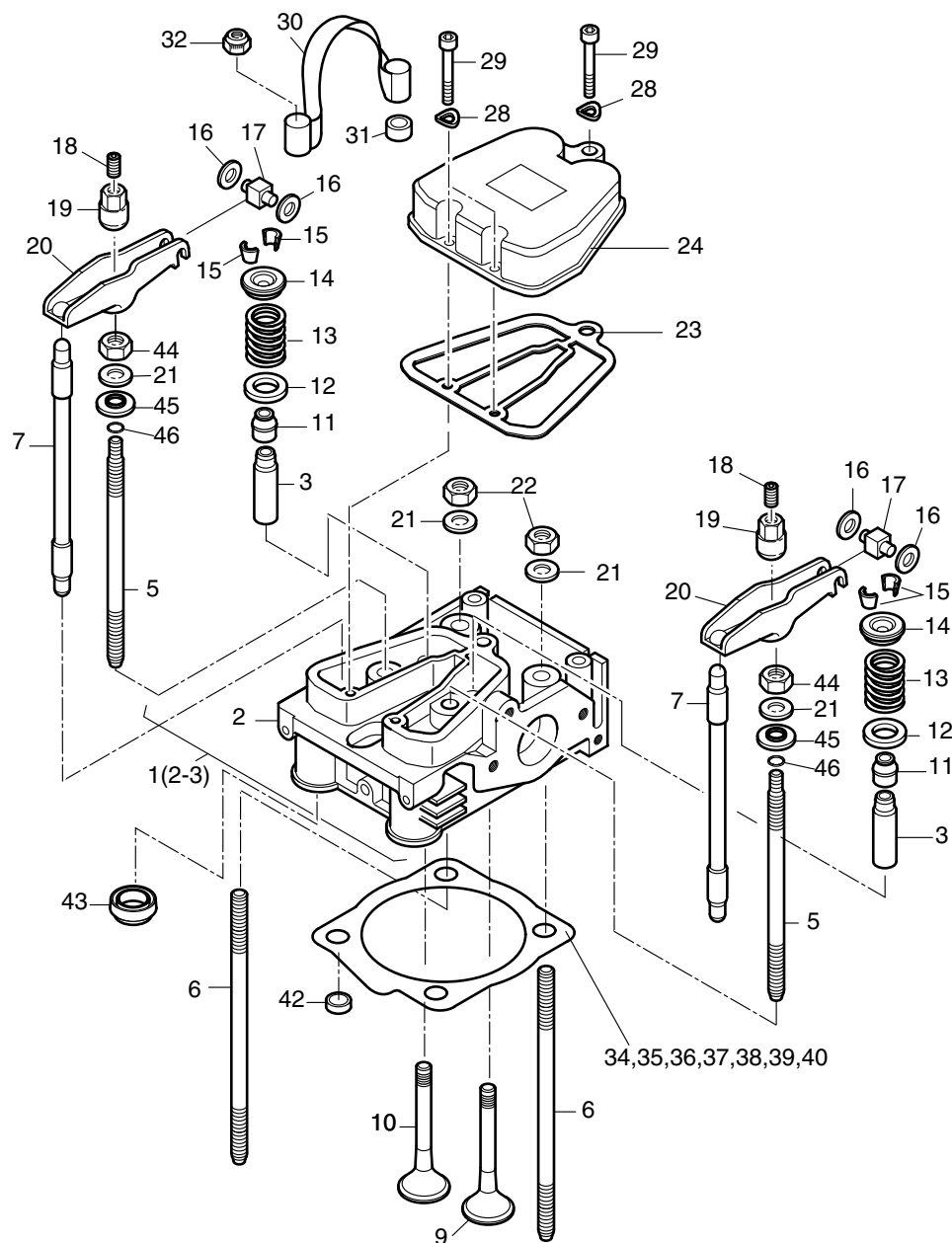


Fig.- No.	HATZ Ident-No.	Stück Qty.		W d / D	Bemerkungen Notes
		1B40V/W EPA IV	1B50V/W EPA IV		
1	0000 018 509 02	1	1		
2	-----	-	-		
3	0000 052 097 00	2	2		
5	0000 051 596 00	2	-		149 (M 10 - M 8)
5	0000 042 530 10	-	2		232 mm
6	0000 051 597 00	2	-		155 (M 10)
6	0000 042 531 10	-	2		245 mm
7	0000 013 740 00	2	2		
9	0000 051 451 00	1	1		
10	0000 051 452 00	1	1		
11	0000 504 258 00	2	2	d2	
12	0000 041 471 00	2	2		
13	0000 041 469 00	2	2		
14	0000 041 470 00	2	2		
15	0000 022 525 00	2	2		
16	0000 052 407 00	0... 4	0... 4		6 x 12 x 1,35
16	0000 504 451 00	0... 4	0... 4		6 x 12 x 1,2 DIN 988
17	0000 050 911 01	2	2		
18	0000 505 131 00	2	2		
19	0000 050 547 00	2	2	W2	M 8 x 10 DIN 916 - 45 H
20	0000 051 467 01	2	2		
21	0000 050 993 00	4	4		10,1 x 24 x 3
22	0000 503 966 00	2	2		M 10 DIN 934-10 A3C
23	0000 051 564 01	1	1	d1,W4	
24	0000 051 465 01	1	1		
28	0000 500 812 00	3	3		A 6 DIN 137 - A3C
29	0000 503 749 00	3	3		M 6 x 35 DIN 912-8.8 A3C
30	0000 041 177 01	1	1		
31	0000 041 261 00	2	2		(10 x 12 x 9)
32	0000 400 286 00	2	2		VM 10 DIN 980-8 C3A
34	0000 051 589 03	0... 1	-		0,4 mm
34	0000 042 717 00	-	0... 1		0,4 mm
34	0000 042 484 00	0... 1	-		0,45 mm
34	0000 042 718 00	-	0... 1		0,45 mm
35	0000 051 590 03	0... 1	-	d1	0,5 mm
35	0000 042 350 20	-	0... 1	d1	0,5 mm
35	0000 042 485 00	0... 1	-		0,55 mm
35	0000 042 547 20	-	0... 1		0,55 mm
36	0000 051 591 03	0... 1	-	d1	0,6 mm
36	0000 042 351 20	-	0... 1	d1	0,6 mm
36	0000 042 486 00	0... 1	-		0,65 mm
36	0000 042 509 20	-	0... 1		0,65 mm
37	0000 051 592 03	0... 1	-	d1	0,7 mm
37	0000 042 352 20	-	0... 1	d1	0,7 mm
37	0000 042 487 00	0... 1	-		0,75 mm

Zylinderkopf
Cylinder head
Culasse
Culata
Testa

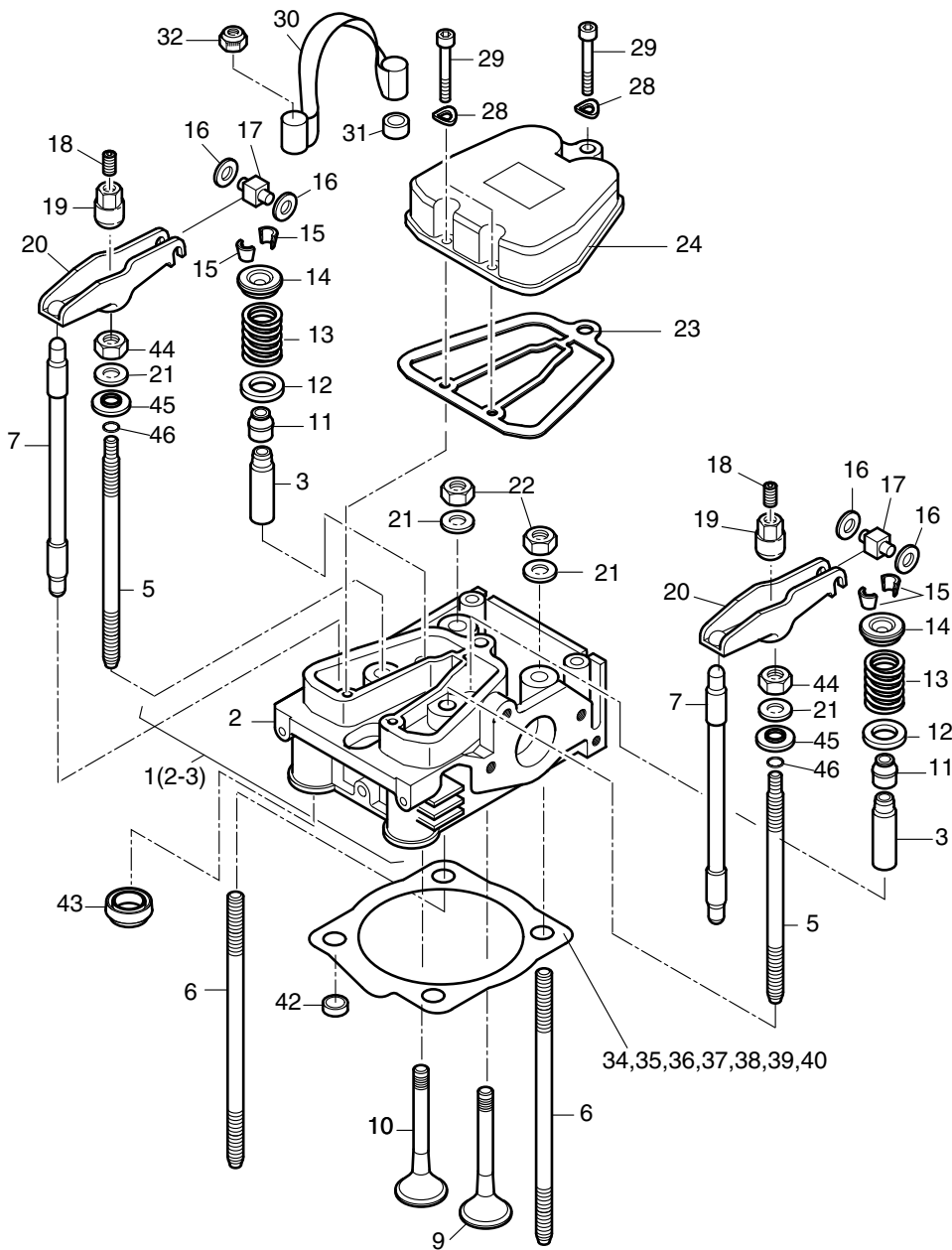


Fig.- No.	HATZ Ident-No.	Stück Qty.		W d / D	Bemerkungen Notes
		1B40V/W EPA IV	1B50V/W EPA IV		
37	0000 042 510 20	-	0... 1		0,75 mm
38	0000 051 593 03	0... 1	-		0,8 mm
38	0000 042 353 20	-	0... 1		0,8 mm
38	0000 042 511 20	-	0... 1		0,85 mm
39	0000 051 594 03	0... 1	-		0,9 mm
39	0000 042 354 20	-	0... 1		0,9 mm
39	0000 042 512 20	-	0... 1		0,95 mm
40	0000 051 595 03	0... 1	-		1,0 mm
40	0000 042 355 20	-	0... 1		1,0 mm
42	0000 041 745 00	2	2		
43	0000 041 065 01	2	2	d2	
44	0000 503 966 00	2	2		M 10 DIN 934-10 A3C
45	0000 042 437 00	2	-	d2	
46	0000 505 639 00	2	-	d2	10x 2,5

M10, M32

Ölpumpe, Regler, Drehzahlverstellung
Oil pump, governor, speed control
Pompe à huile, régulateur régime, réglage régime
Bomba de aceite, regulador, ajuste de revoluciones
Pompa olio, regolatore di giri, Comando acceleratore

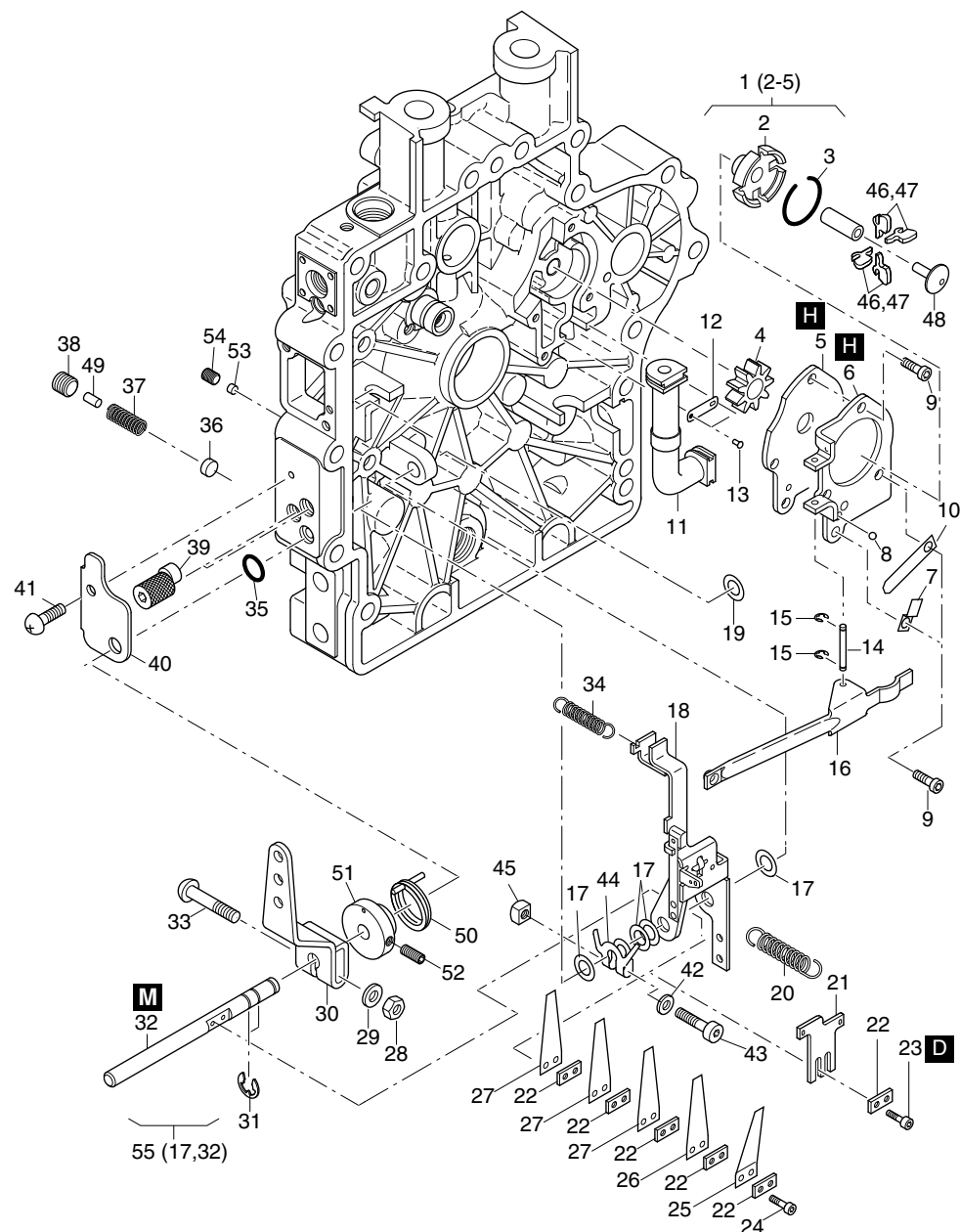


Fig.- No.	HATZ Ident-No.	Stück Qty.	W d / D	Bemerkungen Notes
		1B40V/W EPA IV	1B50V/W EPA IV	
1	0000 013 445 10	1	1	
2	-----	-	-	
3	0000 042 109 10	1	1	
4	-----	-	-	
5	-----	-	-	
6	0000 050 781 10	1	1	
7	0000 050 971 00	1	1	
8	0000 504 479 00	1	1	3,5mm KL. III
9	0000 504 294 00	4	4	M5 x 12 DIN 6912 - 8.8
10	0000 050 973 00	1	1	0,4 mm
11	0000 013 460 00	1	1	
12	0000 041 534 00	1	1	
13	0000 400 026 00	2	2	3,2
14	0000 050 786 00	1	1	
15	0000 504 348 00	2	2	1,9 DIN 6799
16	0000 042 083 00	1	1	
17	0000 504 224 00	4	4	8 x 14 x 1,0 DIN 988
18	0000 015 304 04	1	1	
19	0000 501 258 00	1	1	8 x 14 x 0,5 DIN 988
20	0000 051 309 10	0... 1	0... 1	
21	0000 051 308 00	1	1	
22	0000 050 798 00	1...5	1...5	
23	0000 504 653 00	2	2	M 3 x 8 DIN 912-8.8
24	0000 504 350 00	2	2	M 3 x 12 DIN 912-8.8
25	0000 051 486 00	1	1	0,4 mm 19°Gen PV 78
26	0000 050 789 00	1	1	0,3 mm Gen-PV 78
27	0000 051 316 00	1...3	1...3	0,2 mm Gen-PV 78
28	0000 503 465 00	1	1	M 6 DIN 934 - 10 A2F
29	0000 501 445 00	1	1	6,4 DIN 125-St A3C
30	0000 040 956 00	1	1	
31	0000 500 927 00	2	2	7 DIN 6799 A3C
32	-----	-	-	
33	0000 039 273 01	1	1	M 6 x 32
34	0000 040 002 00	0... 1	0... 1	
34	0000 505 634 00	0... 1	0... 1	
35	0000 400 224 01	1	1	D1 8 x 2 FPM 75 MOLYKOT.
36	0000 051 517 00	0... 1	0... 1	
37	0000 504 887 00	0... 1	0... 1	
38	0000 504 757 00	1	1	M 10 x 10 DIN 913-A3C Tuf.
39	0000 051 788 10	2	2	
40	0000 051 784 00	1	1	
41	0000 504 923 00	1	1	M 5 x 12 ISO 7380-10.9 Zn
42	0000 502 163 00	1	1	5,3 DIN 125-St A3C
43	0000 504 922 00	1	1	M 5 x 25 DIN 6912-8.8
44	0000 051 785 00	1	1	

M10, M32

Ölpumpe, Regler, Drehzahlverstellung
Oil pump, governor, speed control
Pompe à huile, regulateur regime, réglage régime
Bomba de aceite, regulador, ajuste de revoluciones
Pompa olio, regolatore di giri, Comando acceleratore

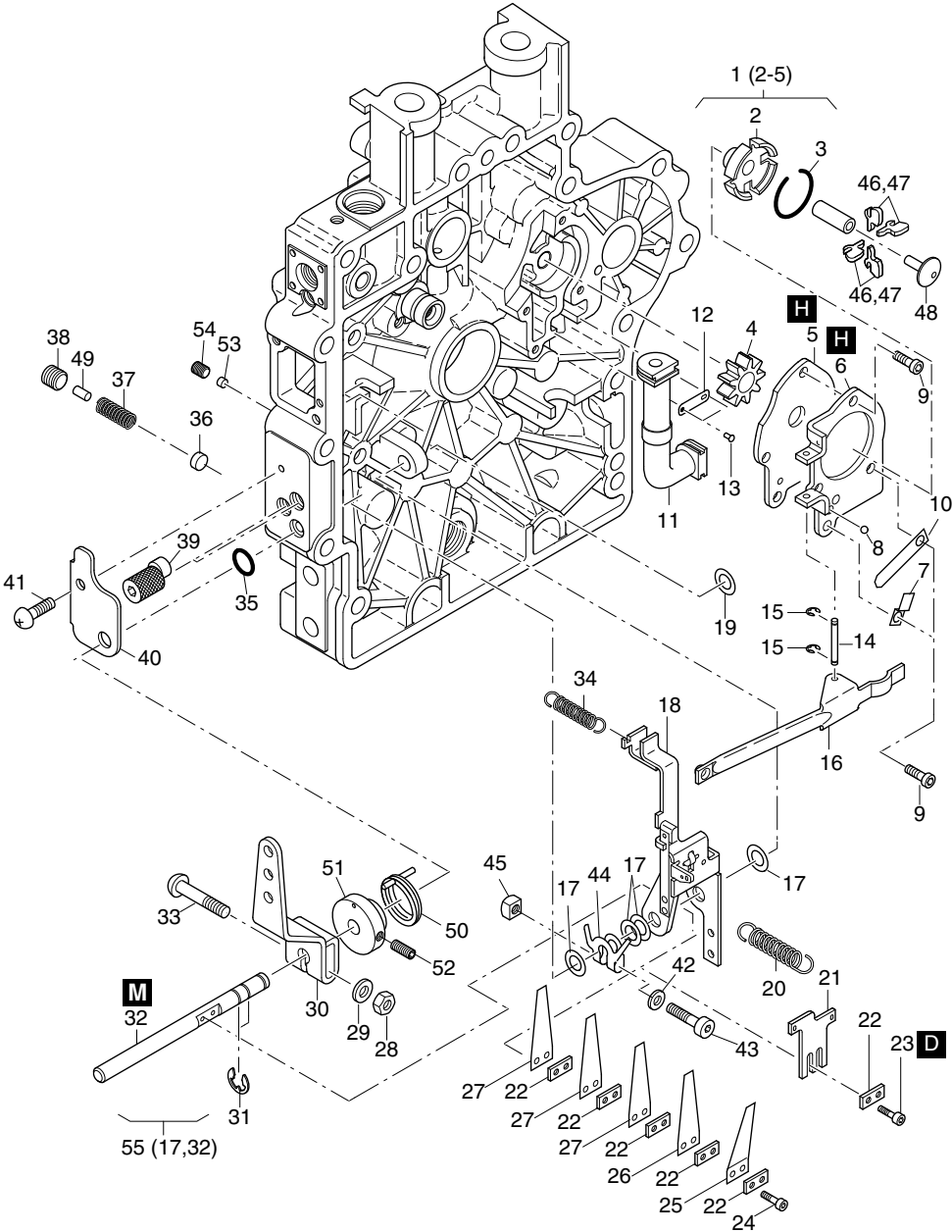


Fig.- No.	HATZ Ident-No.	Stück Qty.		W d / D	Bemerkungen Notes
		1B40V/W EPA IV	1B50V/W EPA IV		
45	0000 504 227 00	1	1		M 5 DIN 557-5 A3C
46	0000 050 796 11	0... 4	0... 4		Gen - PV 78 = (0)
47	0000 051 602 11	0... 4	0... 4		Gen - PV 78 = (4)
48	0000 050 785 02	1	1		
49	0000 505 996 00	0... 1	0... 1		4 x 10 ISO 8734-A-ST
50	0000 051 791 00	0... 1	0... 1		
51	0000 051 790 00	0... 1	0... 1		
52	0000 504 006 00	0... 1	0... 1		M 5 x 10 DIN 916-45H A3C
53	0000 053 073 00	1	1		4,5 x 3
54	0000 505 746 00	1	1		M 6 x 10 DIN 913-45H-A3C
55	0000 019 810 00	1	1		

Steuerdeckel
Timing cover
Couvercle distribution
Tapa de mando
Coperchio distribuzione

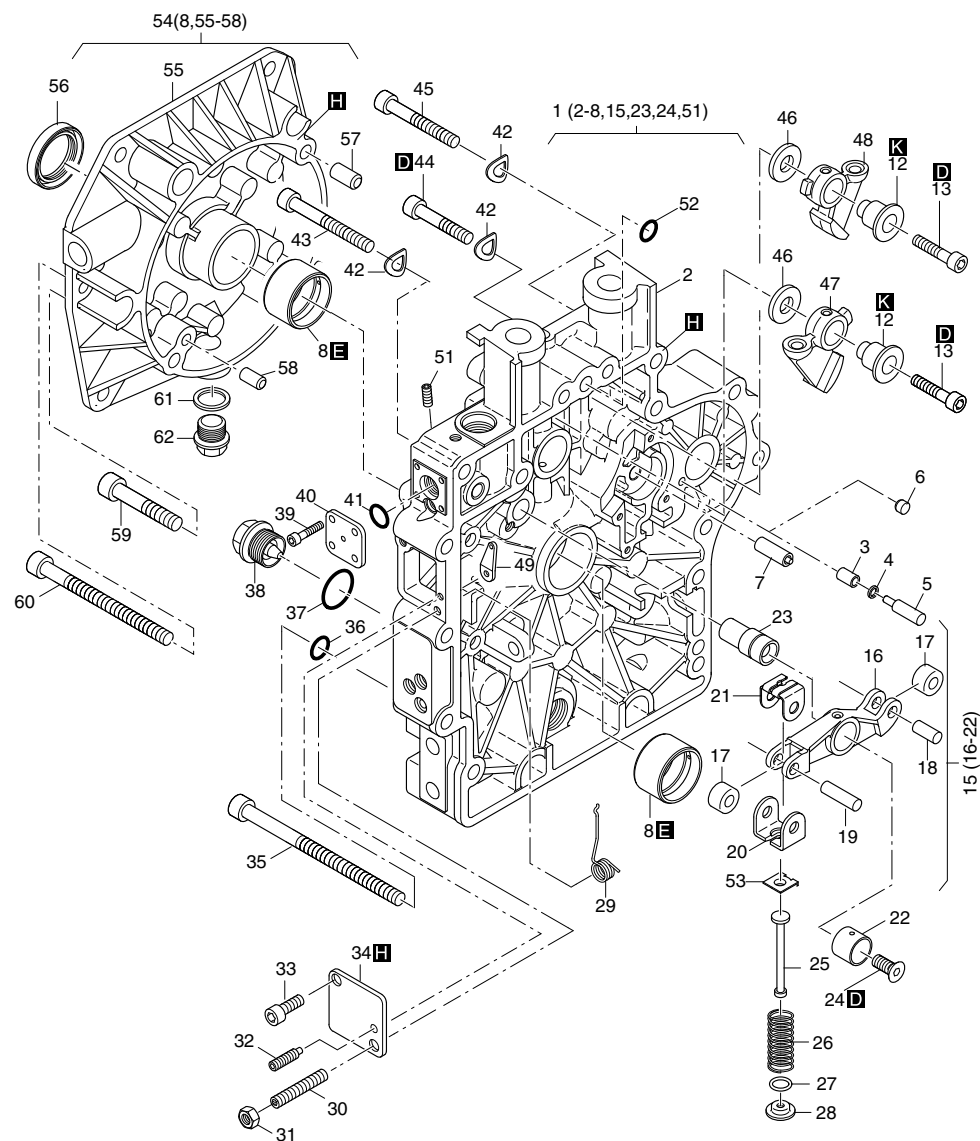


Fig.- No.	HATZ Ident-No.	Stück Qty.		W d / D	Bemerkungen Notes
		1B40V/W EPA IV	1B50V/W EPA IV		
1	0000 022 731 00	1	1		
2	-----	-	-		
3	0000 041 858 00	1	1		4 x 7,5 "V"
4	0000 504 641 00	1	1		D1 2 x 1 "V"
5	0000 041 857 00	1	1		4 x 15 "V"
6	0000 041 686 00	1	1		4,3 "W"
7	0000 013 446 00	1	1		
8	0000 041 488 00	2	2		
8	0000 042 208 00	2	2		-0,5 mm
12	0000 037 942 01	2	2		
13	0000 504 579 00	2	2		M 6 x 25 DIN 912 - 10.9
15	0000 013 467 20	1	1		
16	-----	-	-		
17	-----	-	-		
18	-----	-	-		
19	-----	-	-		
20	-----	-	-		
21	-----	-	-		
22	-----	-	-		
23	0000 040 968 30	1	1		
24	0000 505 618 00	1	1		M 6 x 40 DIN 7991 - 8.8 A3C
25	0000 040 947 00	1	1		
26	0000 040 957 00	1	1		
27	0000 041 339 00	1	1		10,7 x 16 x 0,5
28	0000 040 948 02	2	2		
29	0000 050 952 10	1	1		
30	0000 504 993 00	1	1		M6 x 35 DIN 913 - 22H A3C
31	0000 501 444 00	1	1		M 6 DIN 934 - 8 A3C
32	0000 504 994 00	1	1		M4 x 25 DIN 915 45H
33	0000 503 842 00	1	1		M 6x12 DIN 912-8.8 A3C Tuf.
34	0000 040 952 10	1	1		
35	0000 504 630 00	2	2		M 8 x 130 DIN 912 - 8.8 A3C
36	0000 501 629 00	2	2		A 8 x 14 DIN 7603 - Cu
37	0000 504 591 00	1	1		D1 A 22 x 27 DIN 7603-AI
38	0000 503 731 00	1	1		W1 AM22x1,5DIN7604A3C MAGN.
39	0000 503 971 00	4	4		M 4 x 10 DIN 912-8.8 A3C Tuf.
40	0000 013 517 00	1	1		
41	0000 503 290 00	1	1		
42	0000 500 951 00	11	11		D1 9,5 x 2,5
43	0000 502 888 00	8	8		A 8 DIN 137 A3C
44	0000 501 775 00	2	2		M 8 x 55 DIN 912-8.8 A3C
45	0000 503 929 00	1	1		M 8 x 40 DIN 912-8.8 A3C
46	0000 037 941 00	2	2		M 8 x 50 DIN 912 - 8.8 A3C
47	0000 041 466 00	1	1		10,1 x 22 x 3
48	0000 041 460 00	1	1		

Steuerdeckel
Timing cover
Couvercle distribution
Tapa de mando
Coperchio distribuzione

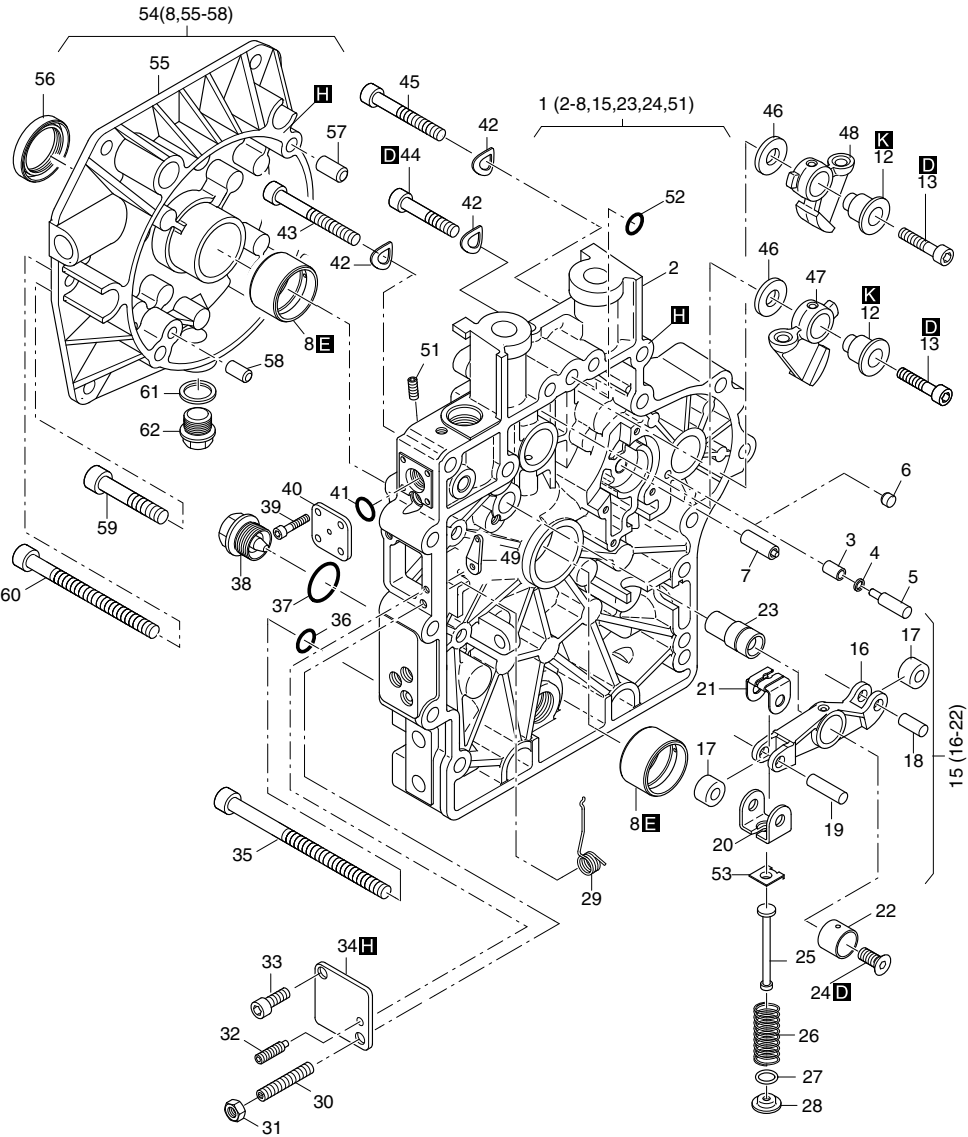


Fig.- No.	HATZ Ident-No.	Stück Qty.		W d / D	Bemerkungen Notes
		1B40V/W EPA IV	1B50V/W EPA IV		
49	0000 051 271 00	1	1		
51	0000 502 624 00	1	1		M 6 x 10 DIN 916-Tuf. 360 G
52	0000 400 223 00	1	1		D1 8 x 2
53	0000 041 895 00	1	1		
54	0000 017 774 00	1	1		
55	-----	-	-		
56	0000 504 795 00	1	1		D1 35 x 47 x 7
57	0000 500 588 00	1	1		10 m 6 x 24 DIN 7-9S20K
58	0000 505 028 01	1	1		8 M 6 x 24 DIN 6325 2 Fasen
59	0000 503 618 00	2	2		M10 x 50 DIN 912-8.8 A3C
60	0000 500 597 01	4	4		M 8 x 100 DIN 912-8.8 A3C
61	0000 500 014 00	2	2		A 18 x 22 DIN 7603 - Cu
62	0000 500 442 00	2	2		M 18 x 1,5 DIN 910

M13, M17

Gebläse, Schwungrad
Blower, flywheel
Soufflerie, volant
Ventilador, volante
Ventilatore, volano

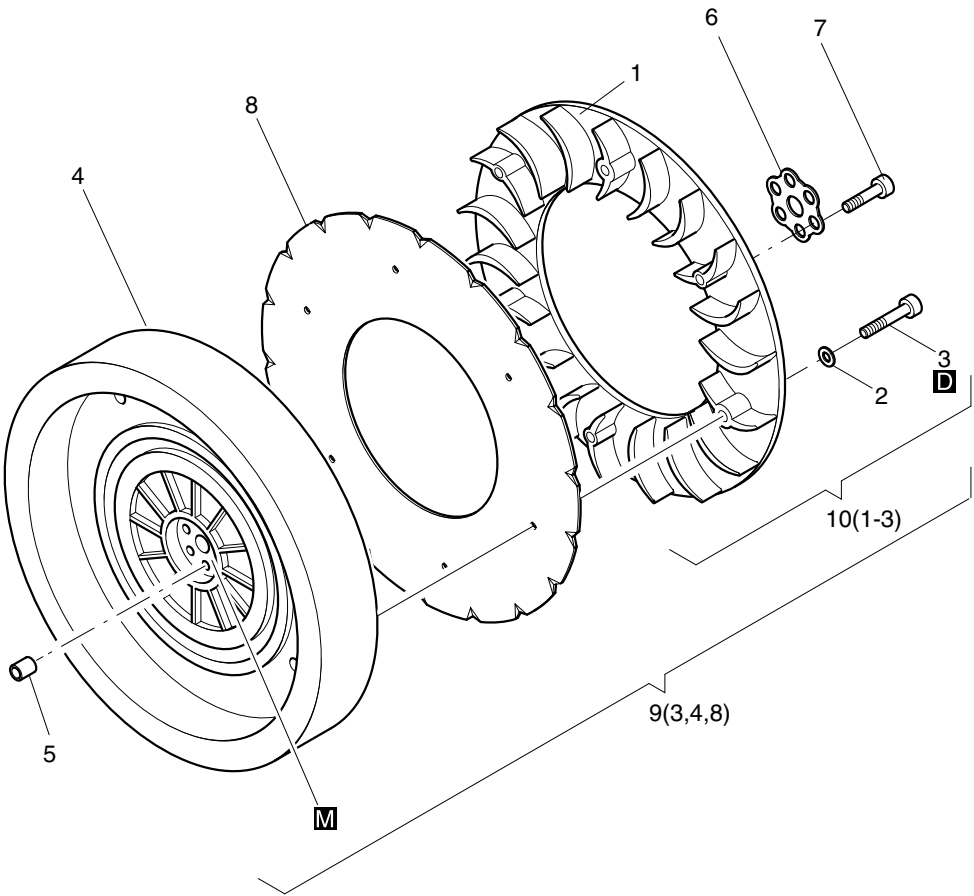


Fig.- No.	HATZ Ident-No.	Stück Qty.		W d / D	Bemerkungen Notes
		1B40V/W EPA IV	1B50V/W EPA IV		
1	-----	-	-		
2	0000 500 034 00	6	6		A 4 DIN 137 - ST
3	0000 503 273 00	6	6		M 4 x 20 DIN 912 - 8.8 A3C
4	0000 042 345 00	-	1		
5	0000 502 056 00	1	1		10 x 12 DIN 7346 55 SI 7
6	0000 041 551 01	1	1		
7	0000 505 025 01	6	6		M 8 x 35 DIN 912 - 12.9
8	0000 013 908 00	1	1		
9	0000 018 990 00	1	-		Handstart
10	0000 019 343 00	1	1		

Einspritzausr stung
Injection equipment
Equipment d'injection
Equipo de inyecci n
Equipaggiamento di iniezione

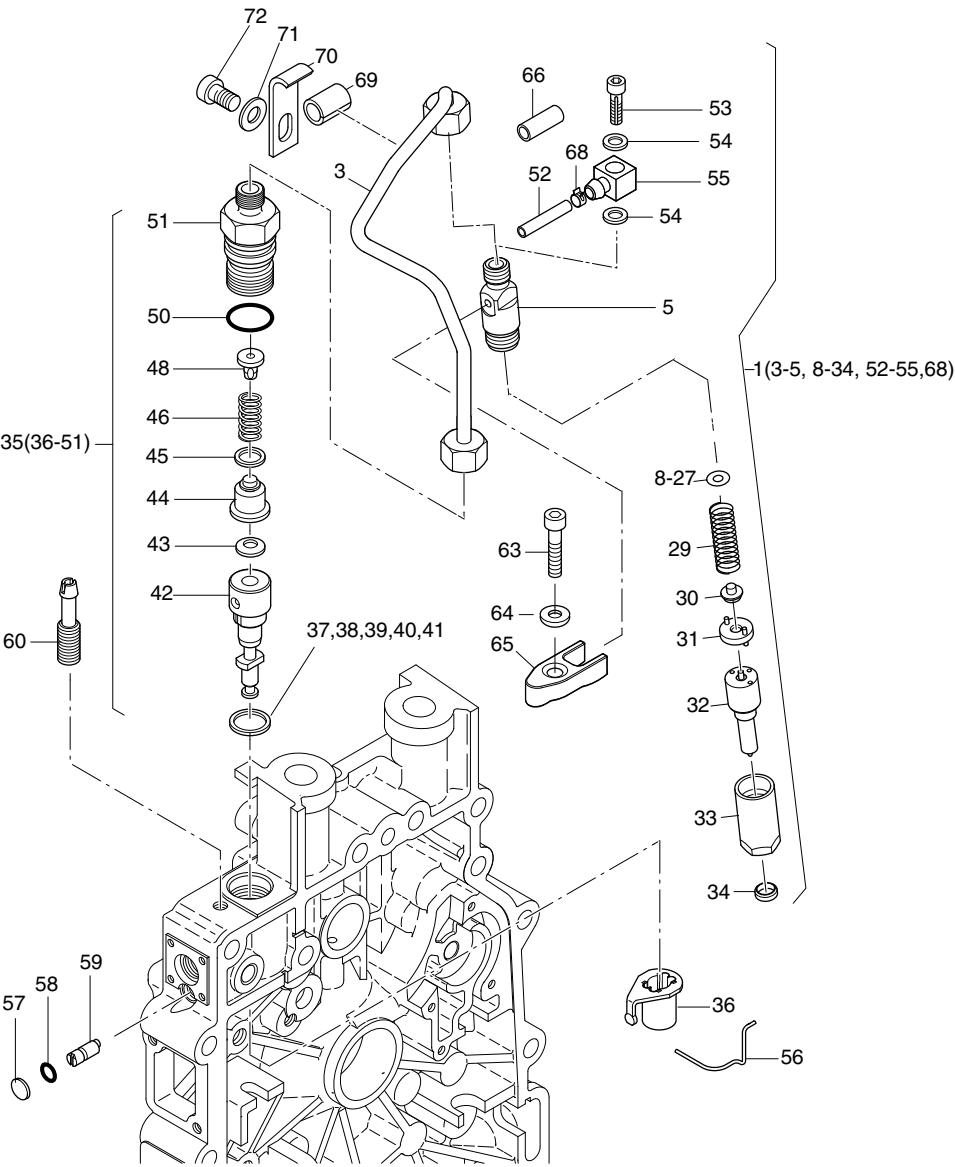


Fig.- No.	HATZ Ident-No.	St�ck Qty.		W d / D	Bemerkungen Notes
		1B40V/W EPA IV	1B50V/W EPA IV		
1	0000 018 579 10	1	1		
3	0000 020 229 01	1	1		
5	-----	-	-		
8	0000 504 364 00	0... 1	0... 1		1,00 mm
9	0000 504 365 00	0... 1	0... 1		1,04 mm
10	0000 504 366 00	0... 1	0... 1		1,10 mm
11	0000 504 367 00	0... 1	0... 1		1,14 mm
12	0000 504 368 00	0... 1	0... 1		1,20 mm
13	0000 504 369 00	0... 1	0... 1		1,24 mm
14	0000 504 370 00	0... 1	0... 1		1,30 mm
15	0000 504 371 00	0... 1	0... 1		1,34 mm
16	0000 504 372 00	0... 1	0... 1		1,40 mm
17	0000 504 373 00	0... 1	0... 1		1,44 mm
18	0000 504 374 00	0... 1	0... 1		1,50 mm
19	0000 504 375 00	0... 1	0... 1		1,54 mm
20	0000 504 376 00	0... 1	0... 1		1,60 mm
21	0000 504 377 00	0... 1	0... 1		1,64 mm
22	0000 504 378 00	0... 1	0... 1		1,70 mm
23	0000 504 379 00	0... 1	0... 1		1,74 mm
24	0000 504 380 00	0... 1	0... 1		1,80 mm
25	0000 504 381 00	0... 1	0... 1		1,84 mm
26	0000 504 382 00	0... 1	0... 1		1,90 mm
27	0000 504 383 00	0... 1	0... 1		1,94 mm
29	-----	-	-		
30	-----	-	-		
31	-----	-	-		
32	0000 505 774 10	1	1		
33	-----	-	-		
34	0000 050 705 00	1	1	d1	
35	0000 016 808 20	1	1		
36	0000 013 308 01	1	1		
37	0000 040 963 00	0... 1	0... 1		0,2 mm
38	0000 040 964 00	0... 1	0... 1		0,3 mm
39	0000 040 965 00	0... 1	0... 1		0,4 mm
40	0000 040 966 00	0... 1	0... 1		0,5 mm
41	0000 040 967 00	0... 1	0... 1		0,6 mm
42	-----	-	-		
43	0000 041 652 00	1	1	8	
44	-----	-	-		
45	0000 504 769 00	1	1	9,5 x 13 x 0,5	
46	-----	-	-		
48	-----	-	-		
50	0000 504 892 00	1	1	D1 17 x 2	
51	-----	-	-		
52	0000 053 812 00	1	1		

Einspritzausrstung
Injection equipment
Equipment d'injection
Equipo de inyeccin
Equipaggiamento di iniezione

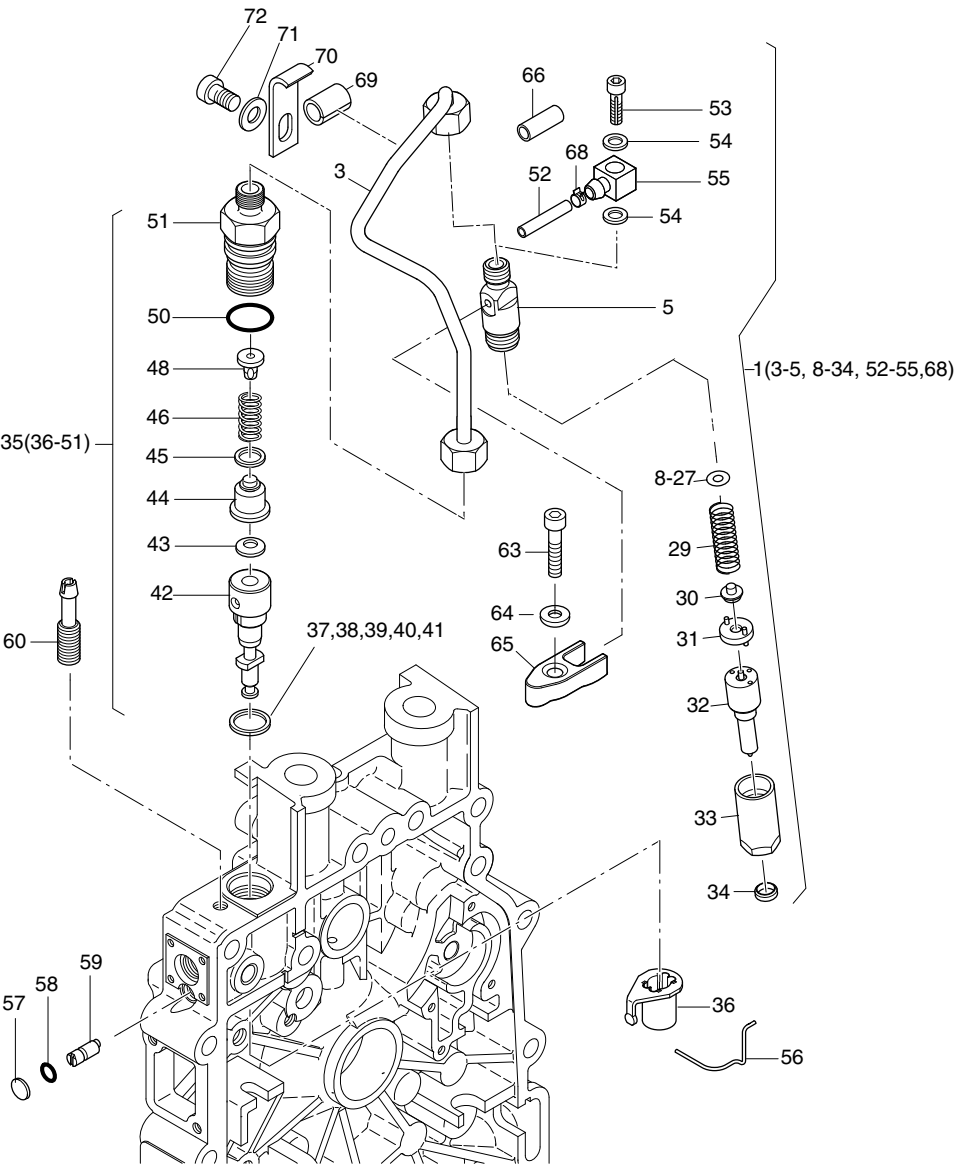


Fig.- No.	HATZ Ident-No.	Stck Qty.		W d / D	Bemerkungen Notes
		1B40V/W EPA IV	1B50V/W EPA IV		
53	0000 042 819 00	1	1		M 4 x 14
54	0000 501 108 00	2	2		A4 x 8 DIN 7603-Cu
55	0000 051 290 00	1	1		
56	0000 041 618 00	1	1		
57	0000 504 760 00	1	1		8 DIN 470 Al
58	0000 503 301 00	1	1		4 x 1,2
59	0000 040 977 10	1	1		
60	0000 050 842 01	1	1		
63	0000 503 239 00	1	1		M 6 x 30 DIN 912-8.8 A3C
64	0000 505 965 00	1	1		6,4
65	0000 042 818 01	1	1		
66	0000 052 522 00	1	1		245mm ø 7 mm
68	0000 505 779 00	1	1		6
69	0000 042 827 00	1	1		
70	0000 042 826 00	1	1		
71	0000 501 445 00	1	1		6,4 DIN 125-St A3C
72	0000 505 281 00	1	1		M6x16DIN6912-8.8A3C KL360G

M15

Reversierstarter
Recoil starter
Demarreur reversible
Arrancador reversible
Avviamento a strappo

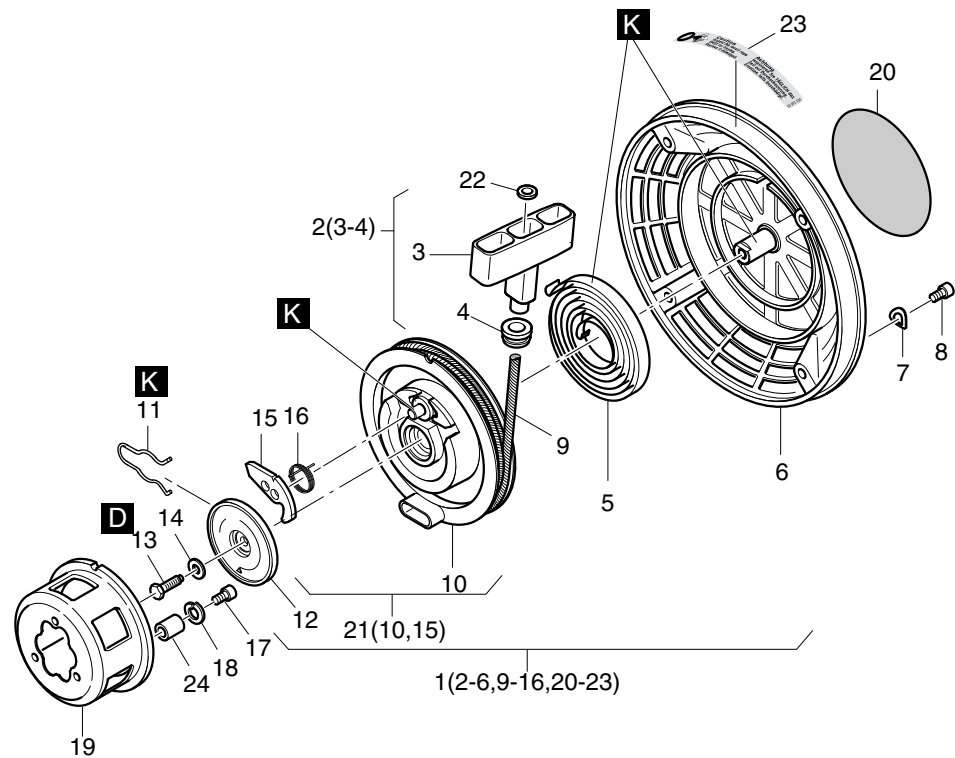


Fig.- No.	HATZ Ident-No.	Stück Qty.		W d / D	Bemerkungen Notes
		1B40V/W EPA IV	1B50V/W EPA IV		
1	0000 018 652 00	1	1		
2	0000 014 978 00	1	1		
3	-----	-	-		
4	0000 036 652 00	1	1		
5	0000 050 452 02	1	1		
6	0000 015 693 00	1	1		
7	0000 500 812 00	4	4		A 6 DIN 137 - A3C
8	0000 500 627 00	4	-		M 6 x 10 DIN 912 - 8.8 A3C
8	0000 501 706 00	-	4		M 6 x 20 DIN 912-8.8 A3C
9	0000 019 290 00	1	1		2040 mm
10	-----	-	-		
11	0000 050 449 01	1	1		
12	0000 050 450 01	1	1		
13	0000 501 463 00	1	1		M 6 x 18 DIN 933-8.8 A3C
14	0000 503 907 01	1	1		6 DIN 6796 - 6 - FST ZN
15	0000 050 448 00	1	1		
16	0000 050 613 00	1	1		
17	0000 500 627 00	3	-		M 6 x 10 DIN 912 - 8.8 A3C
17	0000 501 706 00	-	3		M 6 x 20 DIN 912-8.8 A3C
18	0000 501 709 00	3	3		6 DIN 128 - A3C
19	0000 041 550 00	1	1		
20	0000 051 091 03	1	1		
21	0000 015 488 00	1	1		
22	0000 505 146 00	1	1		5,3 DIN 9021 PA 6.6
23	0000 053 338 00	1	1		
24	0000 051 886 00	-	3		7 x 12 x 7

M26a

Luftführung
Air ducting
Carter ventilation
Conducción de aire
Carter ventilatore

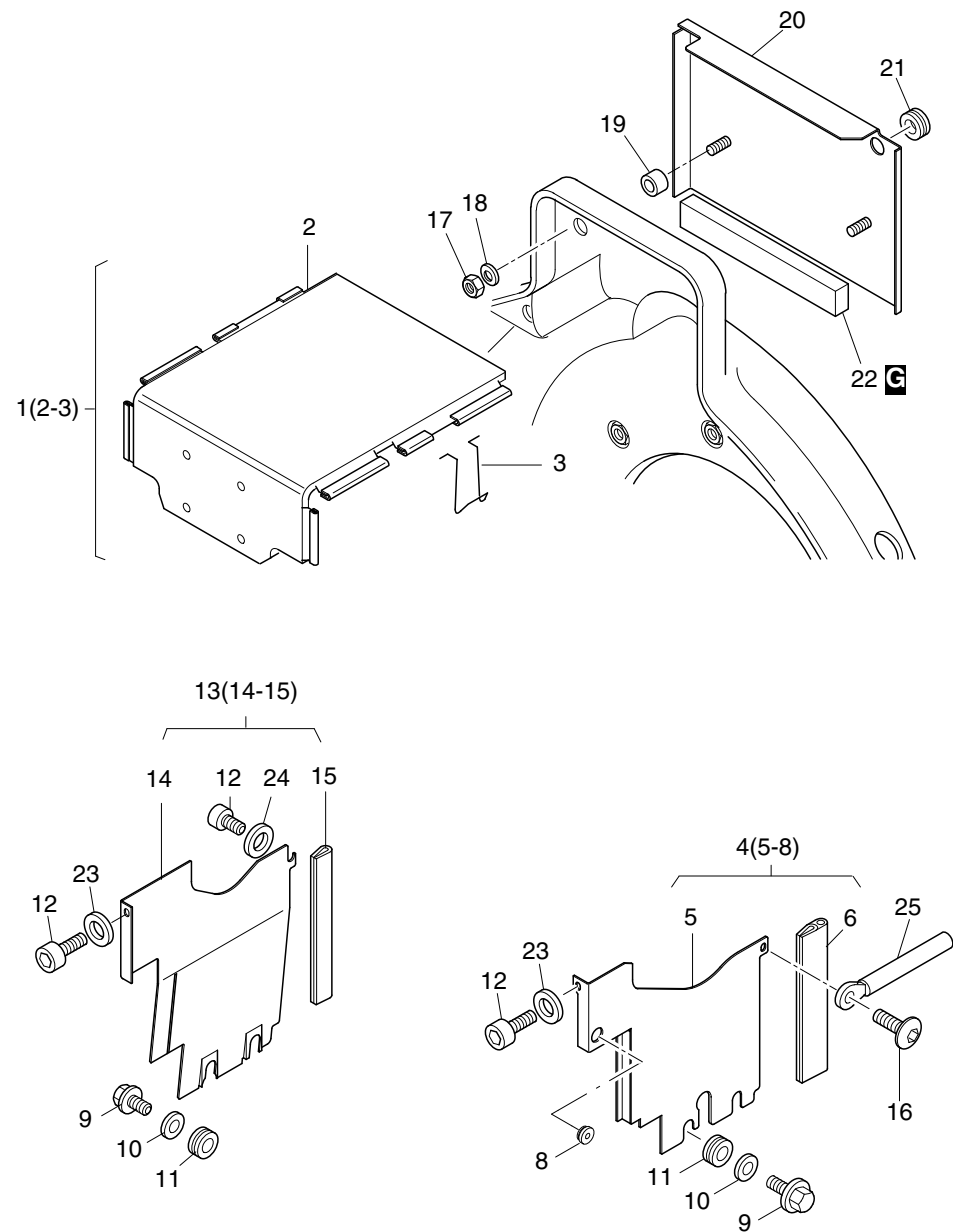


Fig.- No.	HATZ Ident-No.	Stück Qty.		W d / D	Bemerkungen Notes
		1B40V/W EPA IV	1B50V/W EPA IV		
1	0000 016 104 00	1	1		
2	-----	-	-		
3	0000 051 521 00	1	1		
4	0000 013 454 00	1	1		
5	-----	-	-		
6	0000 041 442 00	1	1		93 mm
8	0000 503 348 00	1	1		
9	0000 504 454 01	4	4		M 4 x 10 ST A3C
10	0000 504 416 00	4	4		4,3 DIN 9021 - A3C 140HV
11	0000 501 638 01	4	4		
12	0000 505 281 00	3	3		M6x16DIN6912-8.8A3C KL360G
13	0000 013 453 00	1	1		
14	-----	-	-		
15	0000 041 442 00	1	1		93 mm
16	0000 504 950 00	1	1		M 6 x 12 DIN 7380-10.9 A3C
17	0000 501 444 00	2	2		M 6 DIN 934 - 8 A3C
18	0000 501 709 00	2	2		6 DIN 128 - A3C
19	0000 033 546 00	2	2		7 x 12 x 8
20	0000 016 982 00	1	1		
21	0000 503 348 00	1	1		
22	0000 035 772 00	1	1		14 x 9 x 125
23	0000 501 445 00	2	2		6,4 DIN 125-St A3C
24	0000 040 606 00	1	1		6,4 x 16 x 1,5 A3C
25	0000 050 012 00	1	1		

Luftführung
Air ducting
Carter ventilation
Conducción de aire
Carter ventilatore

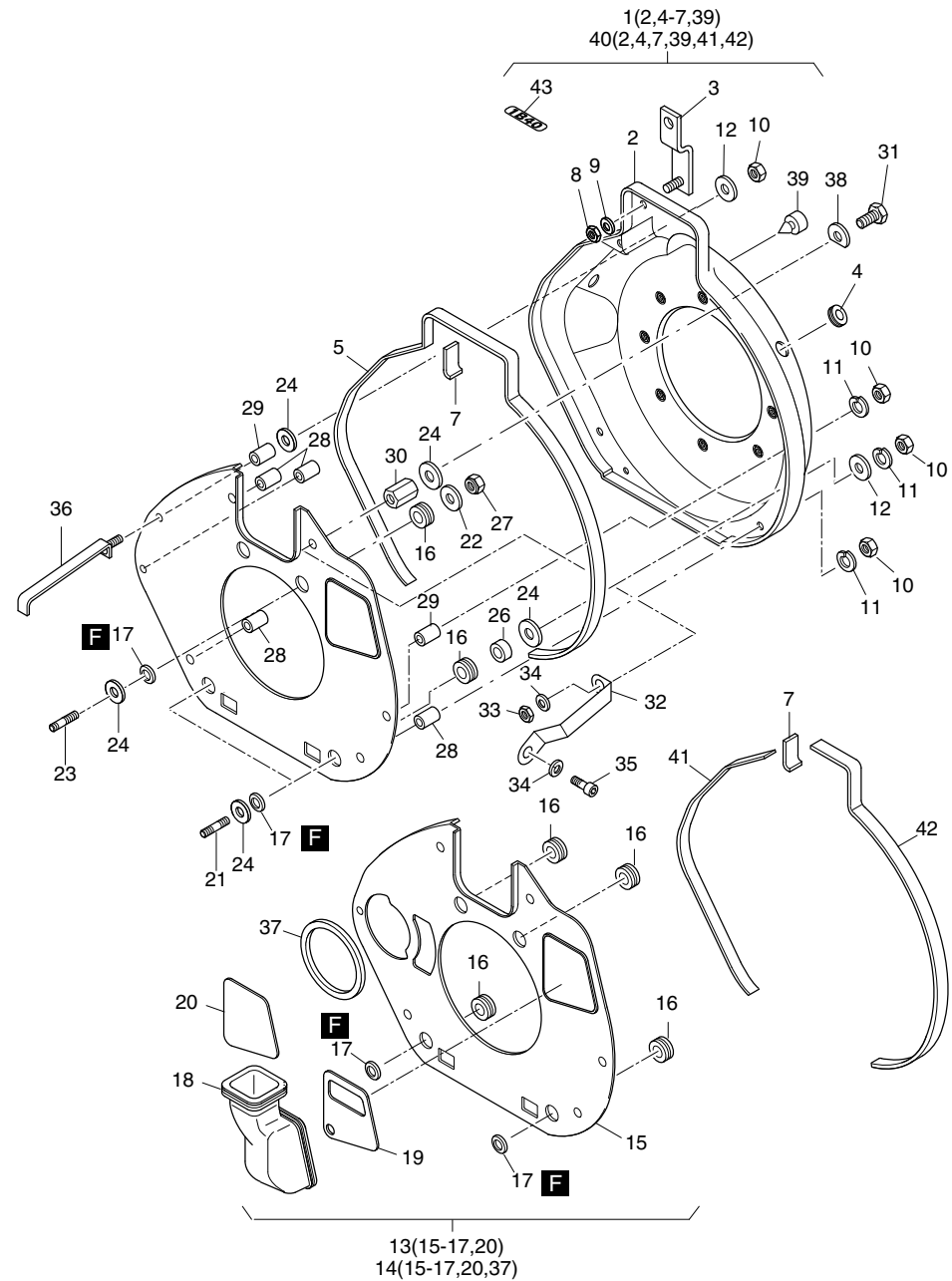


Fig.- No.	HATZ Ident-No.	Stück Qty.		W d / D	Bemerkungen Notes
		1B40V/W EPA IV	1B50V/W EPA IV		
1	0000 018 315 00	1	-		
2	-----	-	-		
3	0000 013 313 00	2	2		
4	0000 504 533 00	1	1		
5	0000 052 196 00	1	-		1210mm
7	0000 052 270 00	1	1		54 mm
8	0000 501 444 00	2	2		M 6 DIN 934 - 8 A3C
9	0000 501 709 00	2	2		6 DIN 128 - A3C
10	0000 501 444 00	7	7		M 6 DIN 934 - 8 A3C
11	0000 501 709 00	8	8		6 DIN 128 - A3C
12	0000 501 200 00	3	3		A 6,4 DIN 9021-St A3C
13	0000 016 619 00	1	1		Handstart
14	0000 013 476 00	1	1		E-Start
15	-----	-	-		
16	0000 013 783 00	4	4		
17	0000 035 755 00	4	4		
18	0000 041 468 00	0... 1	0... 1		
19	0000 041 508 00	0... 1	0... 1		
20	0000 042 152 00	0... 1	0... 1		
21	0000 504 581 00	2	2		M 6 x 45 DIN 835 - 8.8 A3C
22	0000 501 143 00	2	2		6,4 x 17 x 3 DIN 7349 A3C
23	0000 504 644 01	2	2		M 6 x 35 DIN 939- 8.8 A3C Tuf.
24	0000 040 420 00	7	7		6,5 x 22,5 x 1
26	0000 051 886 00	2	2		7 x 12 x 7
27	0000 503 283 00	2	2		VM 6 DIN 980-8 A3C
28	0000 041 390 00	4	4		6,5 x 12 x 18
29	0000 040 984 00	2	2		7 x 12 x 16,3
30	0000 051 840 00	1	1		M 6 x 17
31	0000 500 264 00	1	1		M 6 x 35 DIN 933-8.8 A3C
32	0000 016 694 00	1	1		
33	0000 501 444 00	1	1		M 6 DIN 934 - 8 A3C
34	0000 501 709 00	2	2		6 DIN 128 - A3C
35	0000 501 707 00	1	1		M 6 x 16 DIN 912-8.8 A3C
36	0000 016 833 00	1	1		
37	0000 040 995 00	1	1		
38	0000 051 409 00	1	1		
39	0000 503 926 10	0... 4	0... 4		
40	0000 019 464 10	-	1		
41	0000 051 893 00	-	1		520 mm
42	0000 053 173 00	-	1		737 mm
43	0000 053 142 00	1	-		1B40
43	0000 053 143 00	-	1		1B50

M31a

Kurbelgehäuseentlüftung EPA
Crankcase breathing system EPA
Reniflard EPA
Purgador EPA
Sfiato basamento EPA

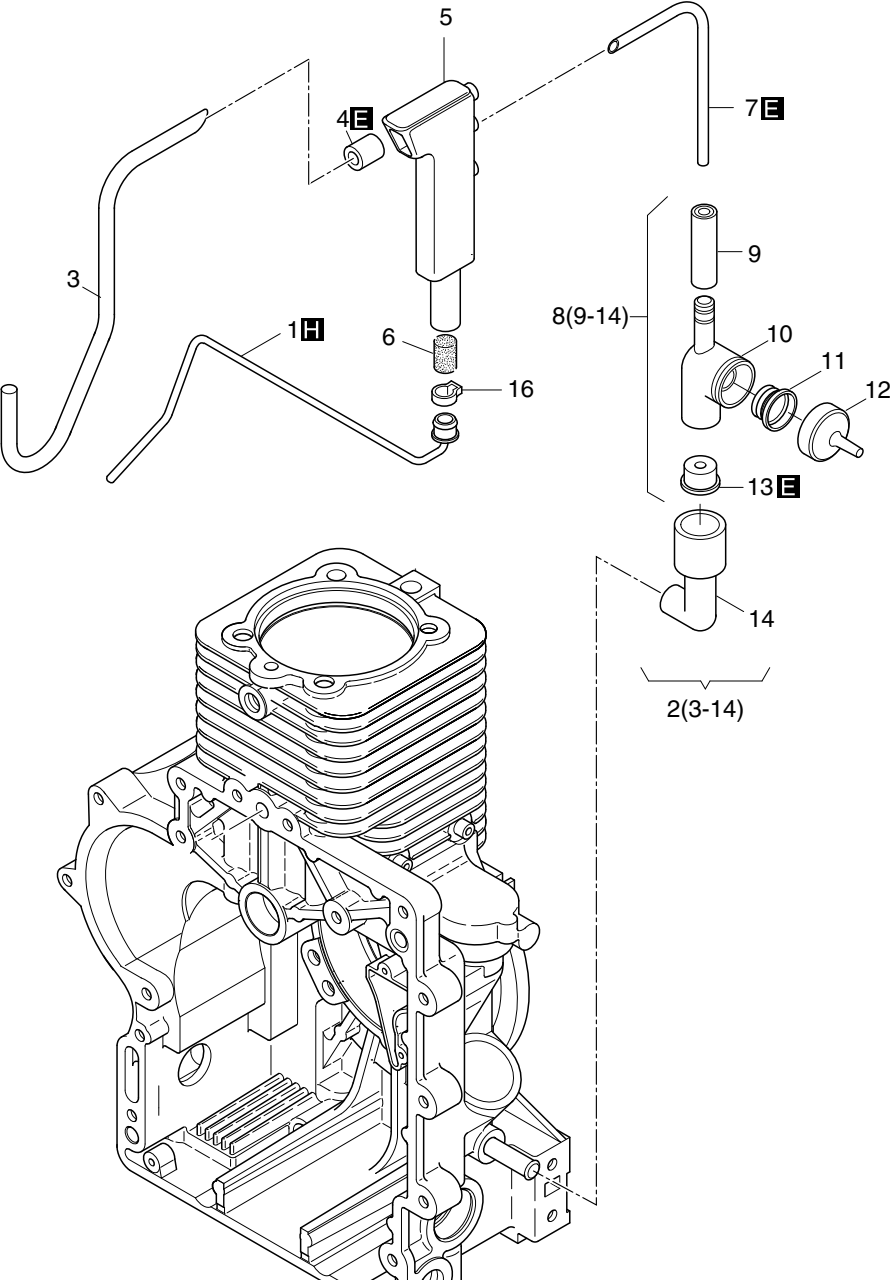


Fig.- No.	HATZ Ident-No.	Stück Qty.		W d / D	Bemerkungen Notes
		1B40V/W EPA IV	1B50V/W EPA IV		
1	0000 013 726 00	1	1		
2	0000 013 734 01	1	1		
3	0000 042 611 00	1	1		
4	0000 042 595 00	1	1		
5	0000 042 021 00	1	1		
6	0000 051 029 00	1	1		Filter, Filtre, Filtro
7	0000 042 020 00	1	1		
8	0000 013 735 00	1	1		
9	0000 013 732 00	1	1		
10	-----	-	-		
11	0000 035 687 01	1	1		
12	0000 035 686 00	1	1		
13	0000 041 788 00	1	1		
14	0000 041 361 00	1	1		
16	0000 504 568 00	1	1		

M31b

Kurbelgehäuseentlüftung NON EPA
Crankcase breathing system NON EPA
Reniflard NON EPA
Purgador NON EPA
Sfiato basamento NON EPA

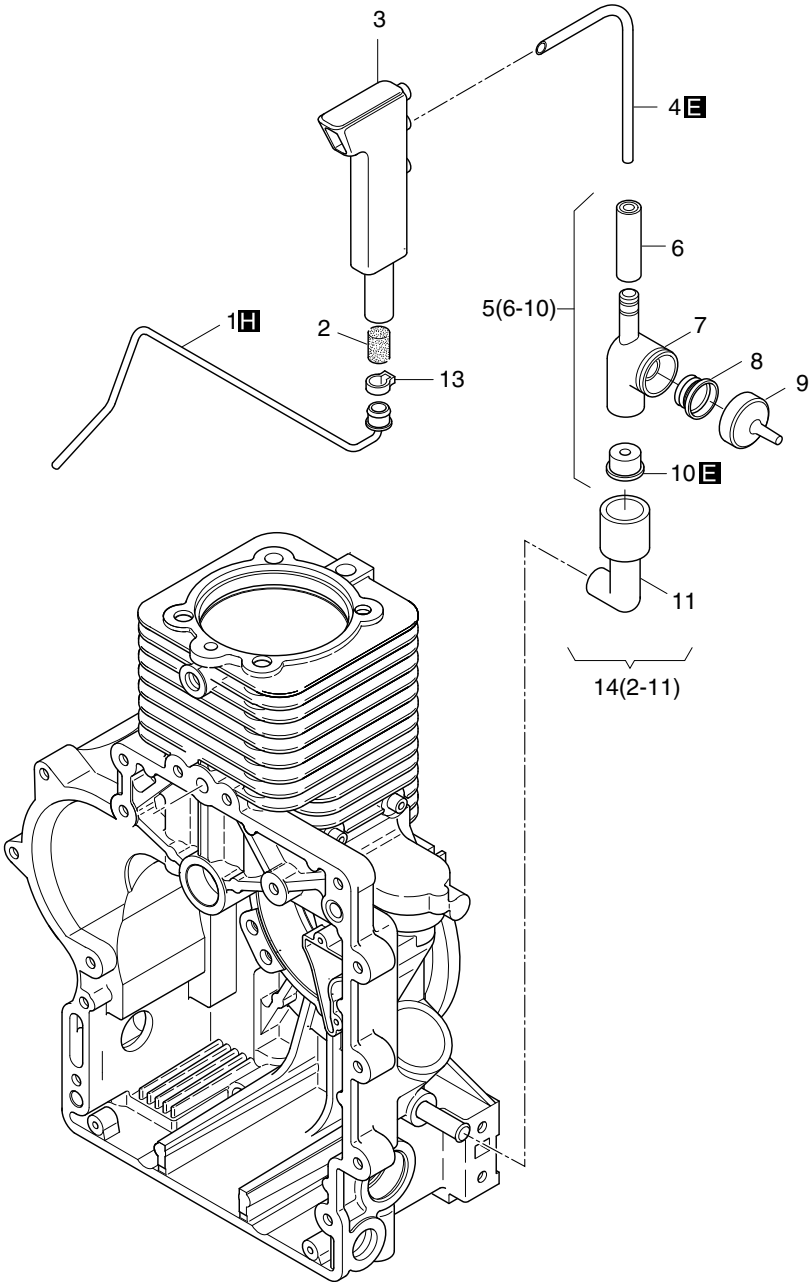


Fig.- No.	HATZ Ident-No.	Stück Qty.		W d / D	Bemerkungen Notes
		1B40V/W NON EPA IV	1B50V/W NON EPA IV		
1	0000 013 726 00	1	1		
2	0000 051 029 00	1	1		
3	0000 042 021 00	1	1		
4	0000 042 020 00	1	1		
5	0000 013 735 00	1	1		
6	0000 013 732 00	1	1		
7	-----	-	-		
8	0000 035 687 01	1	1		
9	0000 035 686 00	1	1		
10	0000 041 788 00	1	1		
11	0000 041 361 00	1	1		
13	0000 504 568 00	1	1		
14	0000 019 311 00	1	1		

Filter, Filtre, Filtro

Z01a

Kraftstoff
Fuel
Carburant
Combustible
Serbatoio

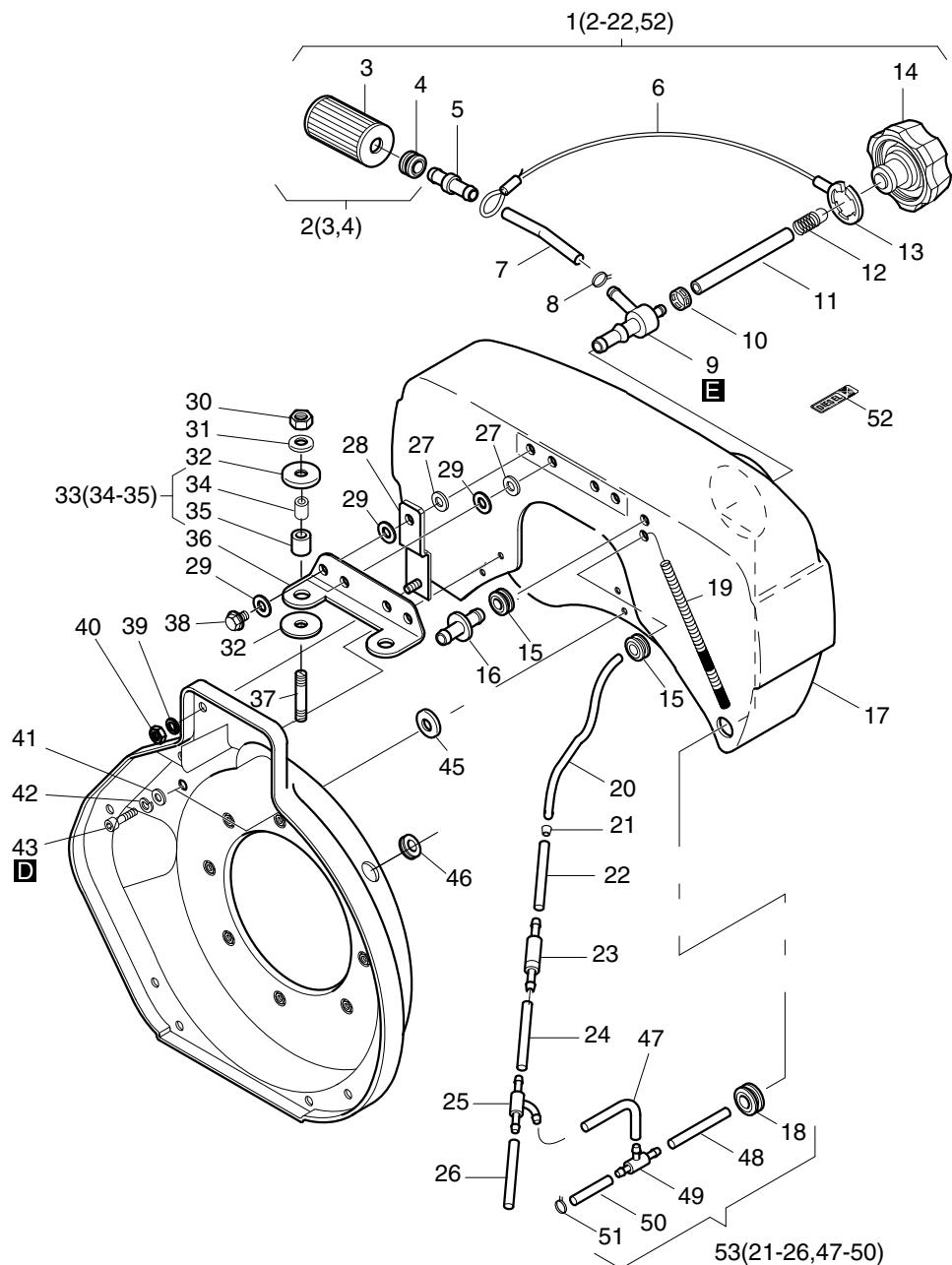


Fig.- No.	HATZ Ident-No.	Stück Qty.		W d / D	Bemerkungen Notes
		1B40V/W EPA IV	1B50V/W EPA IV		
1	0000 017 025 00	1	-		
1	0000 019 174 00	-	1		
2	0000 016 352 00	1	1		
3	-----	-	-		
4	0000 504 409 01	1	1		
5	0000 050 844 01	1	1		
6	0000 016 289 00	1	1		~440mm
7	0000 053 421 00	1	1		7 x 280 mm
8	0000 505 112 01	1	1		14,5
9	0000 016 239 10	1	1		
10	0000 504 801 00	1	1		
11	0000 051 903 00	1	1		
12	0000 504 792 00	1	1		
13	0000 504 800 00	1	1		20 x 1 DIN 984
14	0000 016 203 03	1	1		
15	0000 051 304 00	2	2		
16	0000 051 296 10	1	1		
17	-----	-	-		
18	0000 504 408 00	1	1		
19	0000 016 485 00	1	1		160mm
20	0000 052 051 00	1	1		
21	0000 051 265 00	1	1		
22	0000 053 276 00	1	1		5,0 x 120
23	0000 015 346 01	1	1		
24	0000 051 232 00	1	1		3,5 x 40
25	0000 051 227 01	1	1		
26	0000 050 853 00	1	1		3,5 x 45
27	0000 501 200 00	4	4		A 6,4 DIN 9021-St A3C
28	0000 013 313 00	2	2		
29	0000 051 100 10	10	10		7,1 x 17,9 x 2
30	0000 400 284 00	2	2		VM 8 DIN 980-8 C3A
31	0000 501 481 00	2	2		8,4 DIN 125-St A3C
32	0000 051 098 10	4	4		8,2 x 22 x 2
33	0000 016 558 00	2	2		
34	-----	-	-		
35	-----	-	-		
36	0000 051 701 10	1	1		M 8 x 25 DIN 835-8.8 A3C
37	0000 502 319 00	2	2		M 6 x 18
38	0000 015 570 00	4	4		6 DIN 128 - A3C
39	0000 501 709 00	2	2		M 6 DIN 934 - 8 A3C
40	0000 501 444 00	2	2		M 6 DIN 934 - 8 A3C
41	0000 501 200 00	4	4		A 6,4 DIN 9021-St A3C
42	0000 501 709 00	4	4		6 DIN 128 - A3C
43	0000 501 491 00	4	4		M 6 x 12 DIN 912-8.8 A3C
45	0000 040 420 00	2	2		6,5 x 22,5 x 1

Z01a

Kraftstoff
Fuel
Carburant
Combustible
Serbatoio

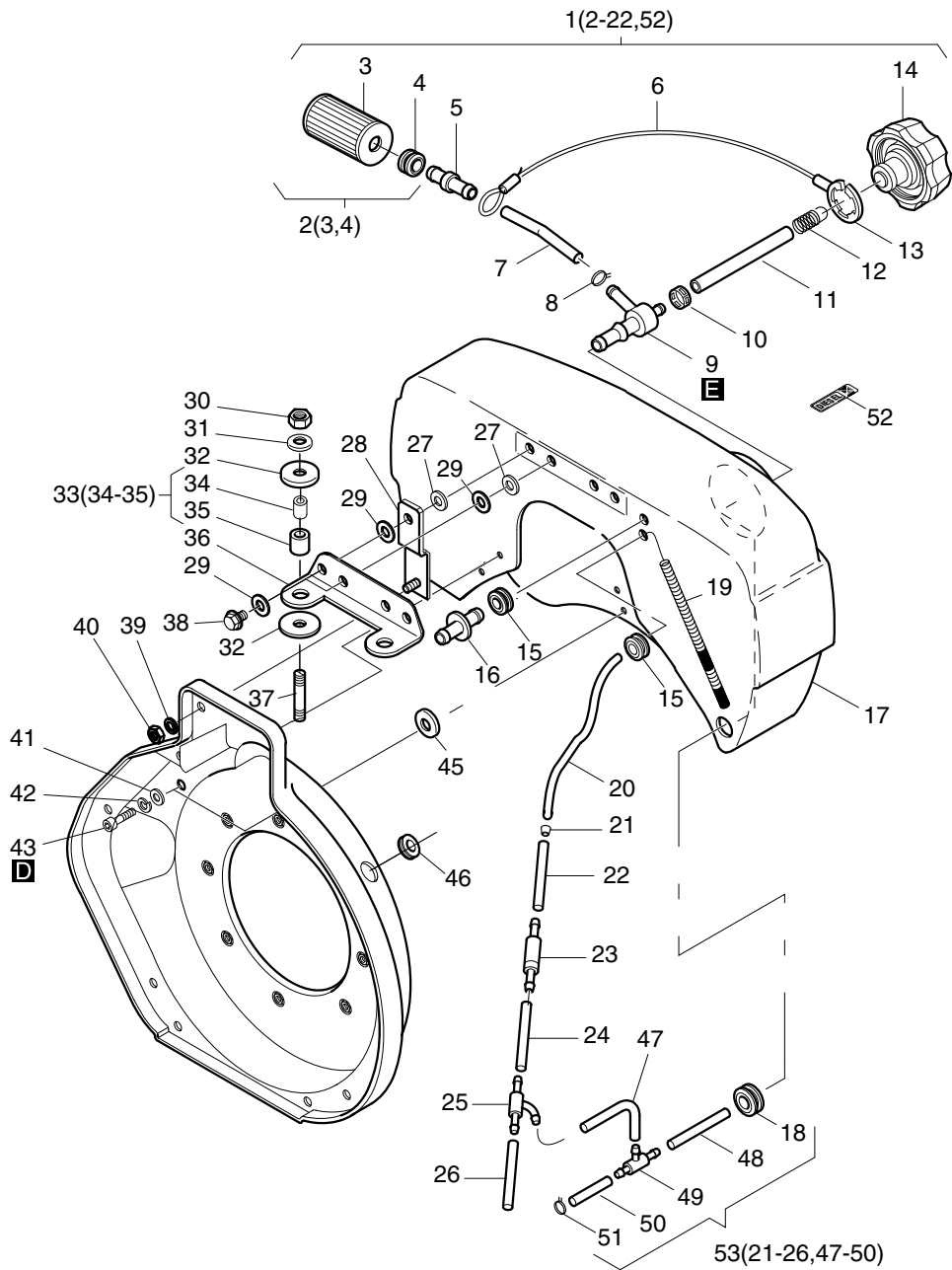


Fig.- No.	HATZ Ident-No.	Stück Qty.		W d / D	Bemerkungen Notes
		1B40V/W EPA IV	1B50V/W EPA IV		
46	0000 504 533 00	1	1		
47	0000 053 277 00	1	1		5,0 x 170
48	0000 053 279 00	1	1		7,0 x 120
49	0000 504 596 00	1	1		
50	0000 053 278 00	1	1		7,0 x 60
51	0000 504 411 00	1	1		11,8-505R
52	0000 052 356 02	1	1		"DIESEL"
53	0000 017 039 01	1	1		

Kraftstoff
Fuel
Carburant
Combustible
Serbatoio

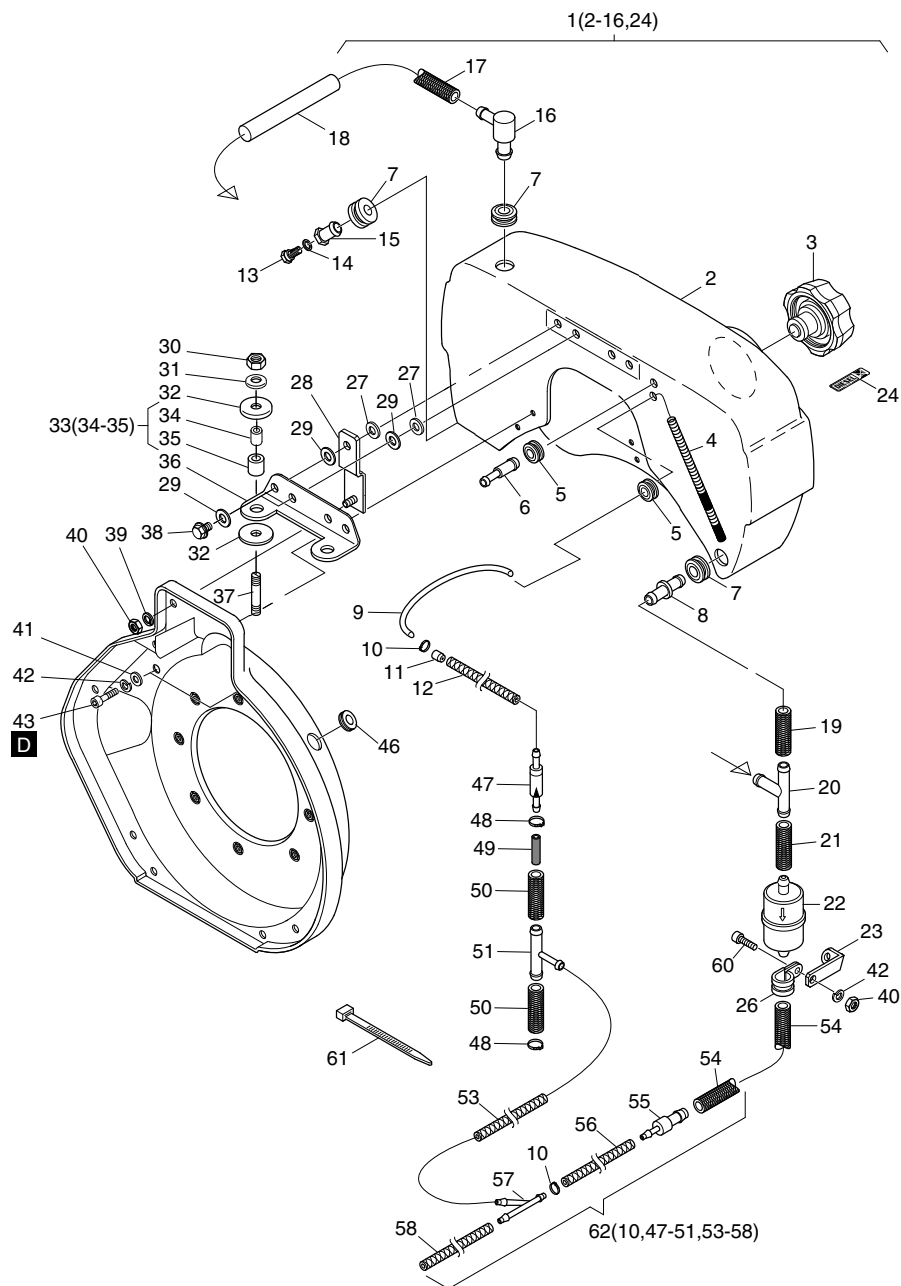


Fig.- No.	HATZ Ident-No.	Stück Qty.		W d / D	Bemerkungen Notes
		1B40V/W EPA IV	1B50V/W EPA IV		
1	0000 017 384 00	1	1		
2	-----	-	-		
3	0000 016 203 03	1	1		
4	0000 016 485 00	1	1		160mm
5	0000 051 304 00	2	2		
6	0000 051 296 10	1	1		
7	0000 504 408 00	3	3		
8	0000 052 385 00	1	1		
9	0000 052 375 00	1	1		
10	0000 503 998 01	1	1		11,3
11	0000 051 265 00	1	1		
12	0000 052 383 00	1	1		5 x 220
13	0000 036 136 00	1	1		M 6 A3C
14	0000 503 131 00	1	1		A 6 x 10 DIN 7603-Cu.
15	0000 051 882 00	1	1		
16	0000 017 948 10	1	1		
17	0000 053 284 00	1	1		7 x 600
18	0000 052 726 00	1	1		14 x 75
19	0000 053 282 00	1	1		7 x 85
20	0000 504 406 00	1	1		
21	0000 053 283 00	1	1		7 x 50
22	0000 504 788 00	1	1		Filter
23	0000 052 301 00	1	1		
24	0000 052 356 02	1	1		"DIESEL"
26	0000 501 584 00	1	1		14 / 15
27	0000 501 200 00	4	4		A 6,4 DIN 9021-St A3C
28	0000 013 313 00	2	2		
29	0000 051 100 10	10	10		7,1 x 17,9 x 2
30	0000 400 284 00	2	2		VM 8 DIN 980-8 C3A
31	0000 501 481 00	2	2		8,4 DIN 125-St A3C
32	0000 051 098 10	4	4		8,2 x 22 x 2
33	0000 016 558 00	2	2		
34	-----	-	-		
35	-----	-	-		
36	0000 051 701 10	1	1		
37	0000 502 319 00	2	2		M 8 x 25 DIN 835-8.8 A3C
38	0000 015 570 00	4	4		M 6 x 18
39	0000 501 709 00	2	2		6 DIN 128 - A3C
40	0000 501 444 00	3	3		M 6 DIN 934 - 8 A3C
41	0000 501 200 00	4	4		A 6,4 DIN 9021-St A3C
42	0000 501 709 00	5	5		6 DIN 128 - A3C
43	0000 501 491 00	4	4		M 6 x 12 DIN 912-8.8 A3C
46	0000 504 533 00	1	1		
47	0000 015 346 01	1	1		
48	0000 505 709 00	2	2		12,8

Kraftstoff
Fuel
Carburant
Combustible
Serbatoio

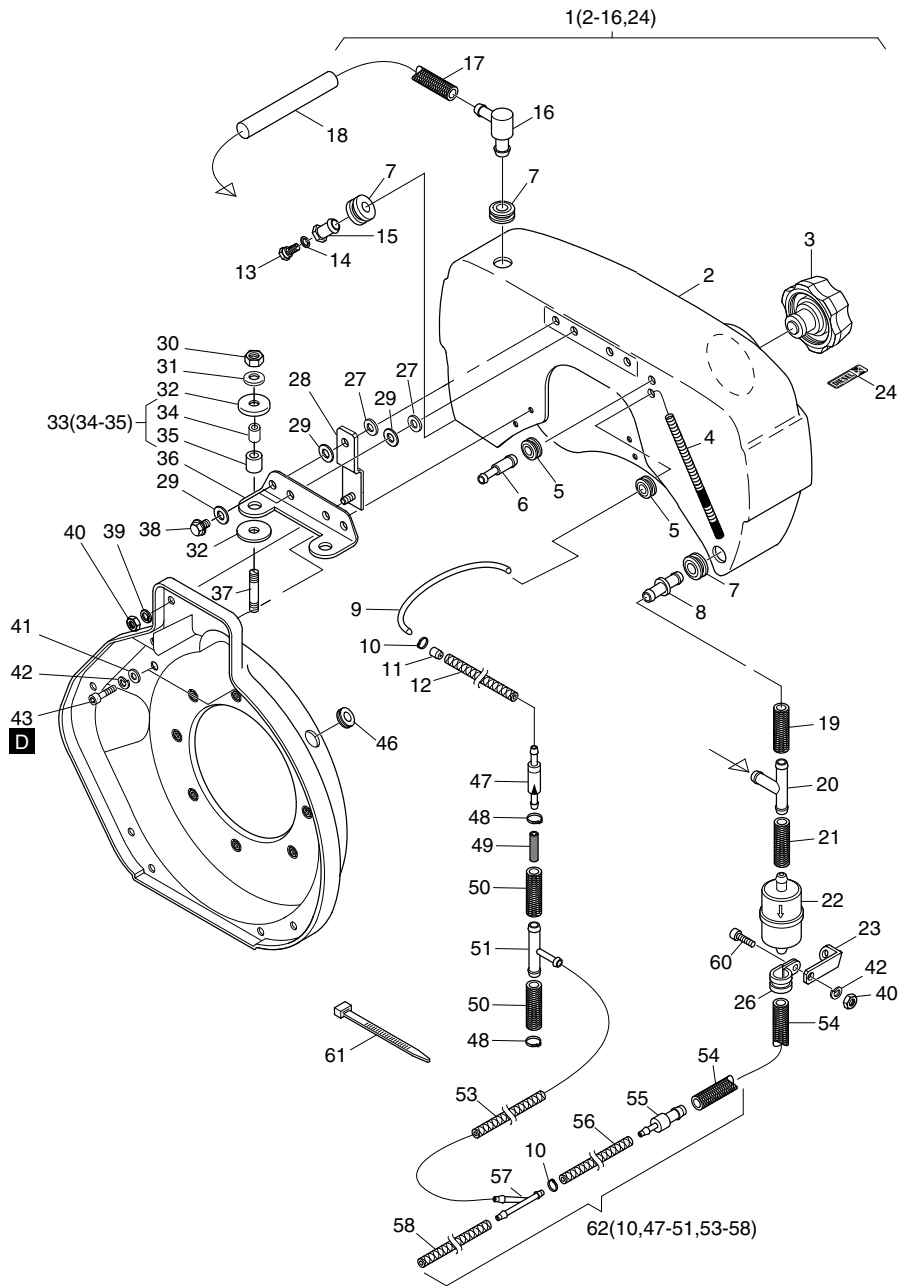


Fig.- No.	HATZ Ident-No.	Stück Qty.		W d / D	Bemerkungen Notes
		1B40V/W EPA IV	1B50V/W EPA IV		
49	0000 051 628 00	1	1		4 x 20
50	0000 053 278 00	2	2		7,0 x 60
51	0000 504 596 00	1	1		
53	0000 053 277 00	1	1		5,0 x 170
54	0000 053 281 00	1	1		7,0 x 160
55	0000 505 210 00	1	1		
56	0000 053 280 00	1	1		5,0 x 200
57	0000 051 227 01	1	1		
58	0000 050 853 00	1	1		3,5 x 45
60	0000 501 707 00	1	1		M 6 x 16 DIN 912-8.8 A3C
61	0000 503 584 00	3	3		200 x 4,8 mm
62	0000 017 381 01	1	1		

Luftfilter
Air filter
Filtre à air
Filtro de aire
Filtro aria

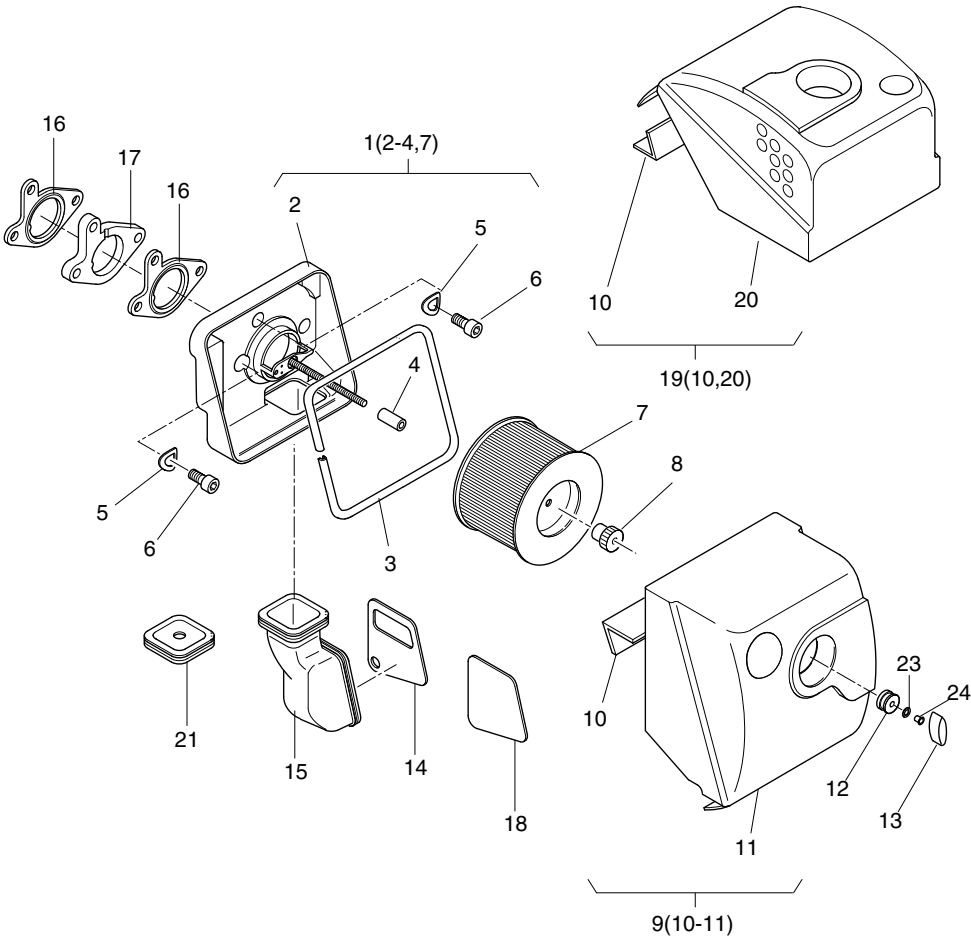


Fig.- No.	HATZ Ident-No.	Stück Qty.		W d / D	Bemerkungen Notes
		1B40V/W EPA IV	1B50V/W EPA IV		
1	0000 016 374 10	1	1		
2	-----	-	-		
3	0000 051 677 00	1	1		665 mm
4	0000 051 662 00	1	1		32 mm
5	0000 500 951 00	3	3		A 8 DIN 137 A3C
6	0000 501 715 00	3	3		M 8 x 25 DIN 912-8.8 A3C
7	0000 504 841 00	1	1	W2	
8	0000 504 543 00	1	1		M 6
9	0000 016 373 00	1	1		
10	0000 051 580 00	1	1		180 mm
11	-----	-	-		
12	0000 504 358 00	1	1		
13	0000 504 522 00	1	1		M 6
14	0000 041 508 00	0... 1	0... 1		
15	0000 041 468 00	0... 1	0... 1		
16	0000 051 499 00	2	2	d2	
17	0000 016 958 00	1	1		
18	0000 042 152 00	0... 1	0... 1		
19	0000 016 911 00	1	1		
20	-----	-	-		
21	0000 042 153 00	0... 1	0... 1		
23	0000 505 915 00	1	1		9 x 15 x 1,0 DIN 988
24	0000 505 916 00	1	1		8 x 0,5 x 12 DIN 7340

Abgasdämpfer
Exhaust silencer
Silencieux
Silenciador
Marmitta

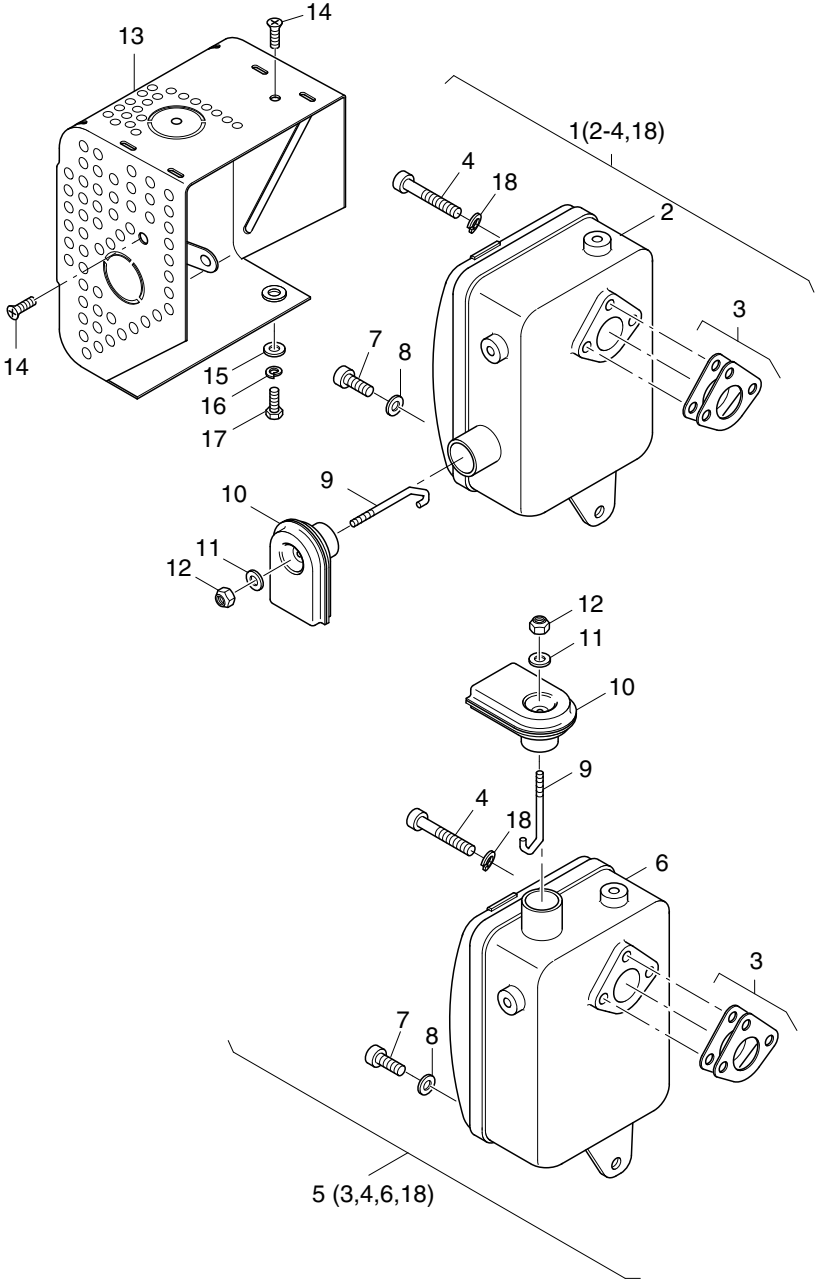


Fig.- No.	HATZ Ident-No.	Stück Qty.		W d / D	Bemerkungen Notes
		1B40V/W EPA IV	1B50V/W EPA IV		
1	0000 016 825 01	1	1		
2	-----	-	-		
3	0000 017 327 01	1	1	d1	
4	0000 504 039 00	3	3		M 8 x 25 DIN 912-8.8 C4P
5	0000 017 016 01	1	1		
6	-----	-	-		
7	0000 504 742 00	1	1		M6x16 DIN912-8.8 A3C Tuf.360
8	0000 501 143 00	1	1		6,4 x 17 x 3 DIN 7349 A3C
9	0000 051 779 00	1	1		M 6
10	0000 016 556 01	1	1		
11	0000 501 445 00	1	1		6,4 DIN 125-St A3C
12	0000 400 283 00	1	1		VM 6 DIN 980 C3P
13	0000 016 290 01	1	1		
14	0000 504 225 01	2	2		M 6 x 12 DIN 7991 - 8.8 A3C
15	0000 501 143 00	1	1		6,4 x 17 x 3 DIN 7349 A3C
16	0000 501 709 00	1	1		6 DIN 128 - A3C
17	0000 501 771 00	1	1		M 6 x 16 DIN 933-8.8 A3C
18	0000 502 085 00	3	3		8 DIN 128 A3C

Z05a

Starter, Generator
 Starter, alternator
 Démarreur, alternateur
 Arrancador, alternador
 Motorino avviamento, alternatore

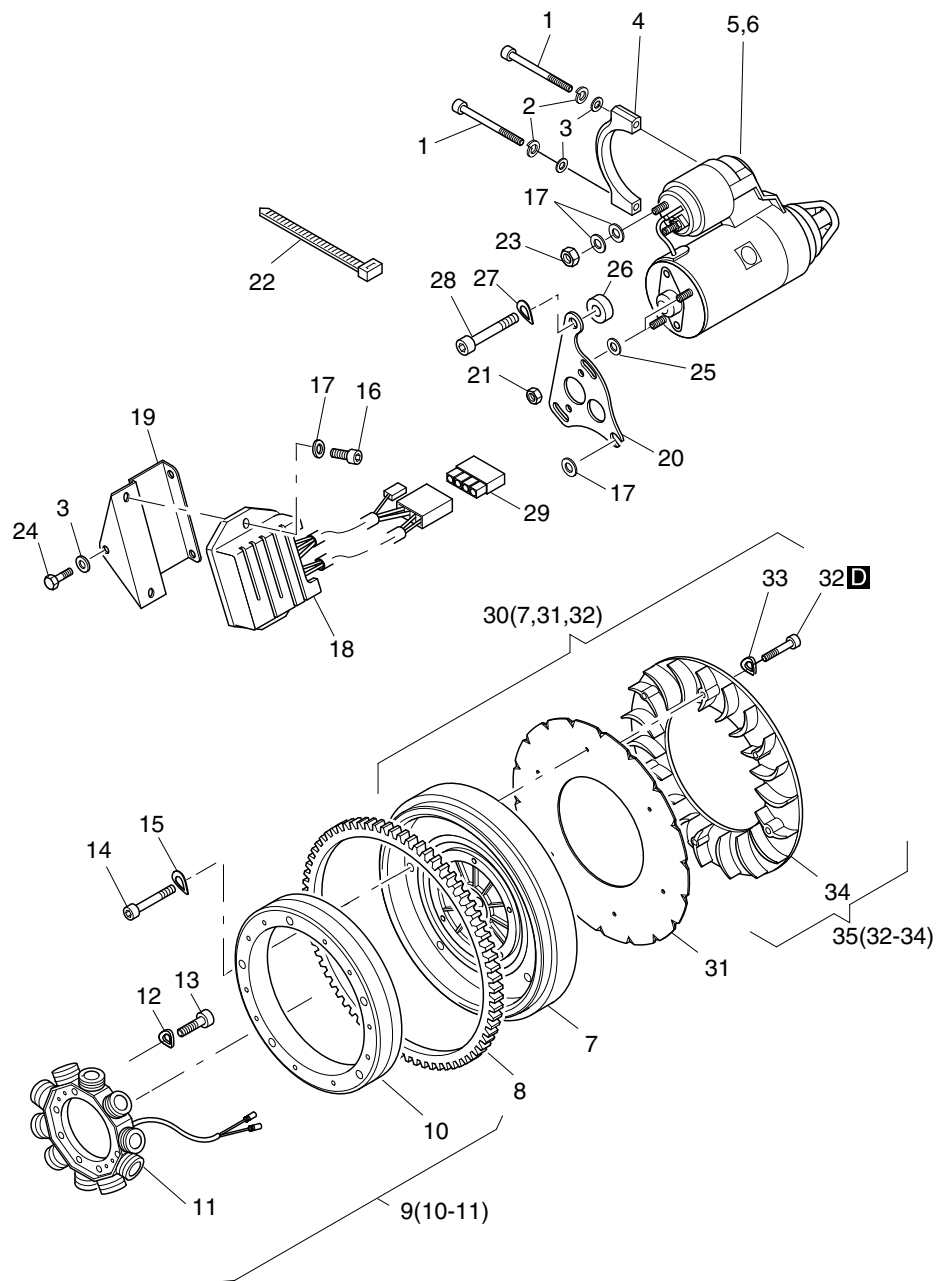


Fig.- No.	HATZ Ident-No.	Stück Qty.		W d / D	Bemerkungen Notes
		1B40V/W EPA IV	1B50V/W EPA IV		
1	0000 504 023 00	2	2		M 6 x 70 DIN 912 - 8.8 A3C
2	0000 501 709 00	2	2		6 DIN 128 - A3C
3	0000 501 445 00	3	3		6,4 DIN 125-St A3C
4	0000 040 991 00	1	1		
5	0000 505 246 00	1	1		12V 1,2kW
6	0000 505 127 00	1	1		24V 1,6 kW
7	0000 042 347 00	-	1		
8	0000 041 511 00	1	1		
9	0000 019 261 00	1	1		12V - 200 W
9	0000 019 262 00	1	1		24V - 280 W
10	-----	-	-		
11	-----	-	-		
12	0000 500 819 00	4	4		A 5 DIN 137 A3C
13	0000 505 470 00	4	4		M 5 x 25 DIN 912 - 8.8 A3C Tuf.
14	0000 502 366 00	5	5		M 6 x 25 DIN 6912-8.8 A3C
15	0000 500 812 00	5	5		A 6 DIN 137 - A3C
16	0000 501 830 00	2	2		M 8 x 35 DIN 912-8.8 A3C
17	0000 501 481 00	6	6		8,4 DIN 125-St A3C
18	0000 019 838 00	1	1		12 V
18	0000 019 839 00	1	1		24 V
19	0000 016 630 00	1	1		
20	0000 051 829 12	1	1		
21	0000 506 024 00	2	2		M 6 DIN 982 - 8 A3B
22	0000 504 395 00	3	3		2,6 x 200
23	0000 503 447 00	1	1		M 8 DIN 936 - 5 A3C
24	0000 500 254 00	1	1		M 6 x 10 DIN 933 - 8.8 A3C
25	0000 501 200 00	2	2		A 6,4 DIN 9021-St A3C
26	0000 037 141 00	1	1		9 x 18 x 7
27	0000 500 951 00	1	1		A 8 DIN 137 A3C
28	0000 503 929 00	1	1		M 8 x 50 DIN 912 - 8.8 A3C
29	0000 504 021 00	1	1		4-P.
30	0000 018 991 00	1	-		
31	0000 013 908 00	1	1		
32	0000 503 273 00	6	6		M 4 x 20 DIN 912 - 8.8 A3C
33	0000 500 034 00	6	6		A 4 DIN 137 - ST
34	-----	-	-		
35	0000 019 343 00	1	1		

Z05b, Z10, Z11

Armaturenkasten, Leitungen
Electric equipment, wirings
Équipement électrique, cable
Cuadro de mando, cables
Cruscotto, cablaggio

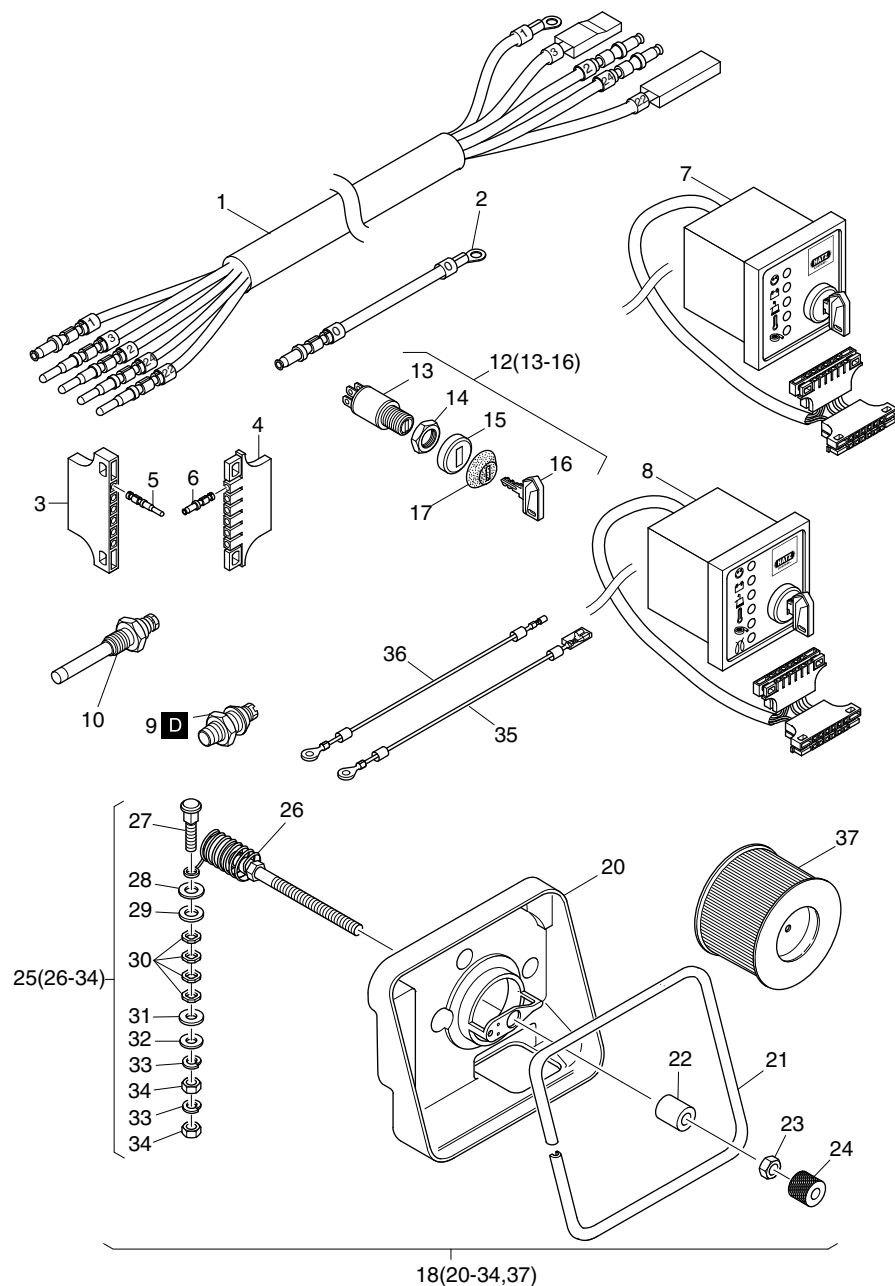


Fig.- No.	HATZ Ident-No.	Stück Qty.		W d / D	Bemerkungen Notes
		1B40V/W EPA IV	1B50V/W EPA IV		
1	0000 016 670 01	1	1		
2	0000 015 483 00	1	1		(0)
3	0000 503 736 00	1	1		
4	0000 503 737 00	1	1		
5	0000 503 741 00	5	5		0,5 - 1,0
6	0000 503 739 00	6	6		1,5 - 2,5
7	0000 015 518 02	1	1		12 V, A 1
8	0000 015 589 01	1	1		12 V / 24 V, Aut.
9	0000 504 691 00	0... 1	0... 1		OIL 0,3 - 0,6 bar
9	0000 506 044 00	0... 1	0... 1		1,20 - 1,80 bar (Gen)
10	0000 502 686 00	1	1		TEMP. 12-24V
12	0000 503 844 01	1	1		
13	-----	-	-		
14	-----	-	-		
15	-----	-	-		
16	0000 504 049 00	1	1		Nr. 14644
17	0000 051 264 02	1	1		
18	0000 017 151 10	1	1		12 V
18	0000 017 453 10	1	1		24 V
20	-----	-	-		
21	0000 051 677 00	1	1		665 mm
22	0000 041 192 00	1	1		6,5 x 13 x 15
23	0000 501 444 00	1	1		M 6 DIN 934 - 8 A3C
24	0000 501 496 00	1	1		
25	0000 017 474 00	1	1		12V
25	0000 017 569 00	1	1		24V
26	-----	-	-		
27	0000 050 401 00	1	1		
28	0000 501 445 00	1	1		6,4 DIN 125-St A3C
29	0000 504 128 01	1	1		6,5
30	0000 504 126 00	4	4		
31	0000 504 127 00	1	1		
32	0000 502 163 00	1	1		5,3 DIN 125-St A3C
33	0000 500 026 00	2	2		5 DIN 128 - A3C
34	0000 500 943 00	2	2		M 5 DIN 934-8 A3C
35	0000 017 152 00	0... 1	0... 1		(6) 400 mm
36	0000 017 153 00	0... 1	0... 1		(6) 430 mm
37	0000 504 841 00	1	1		

Drehzahlverstellung Bowdenzug
Speed control - bowdencable
Reglage regime - bowden
Ajuste de revoluciones - bowden
Comando acceleratore - bowden

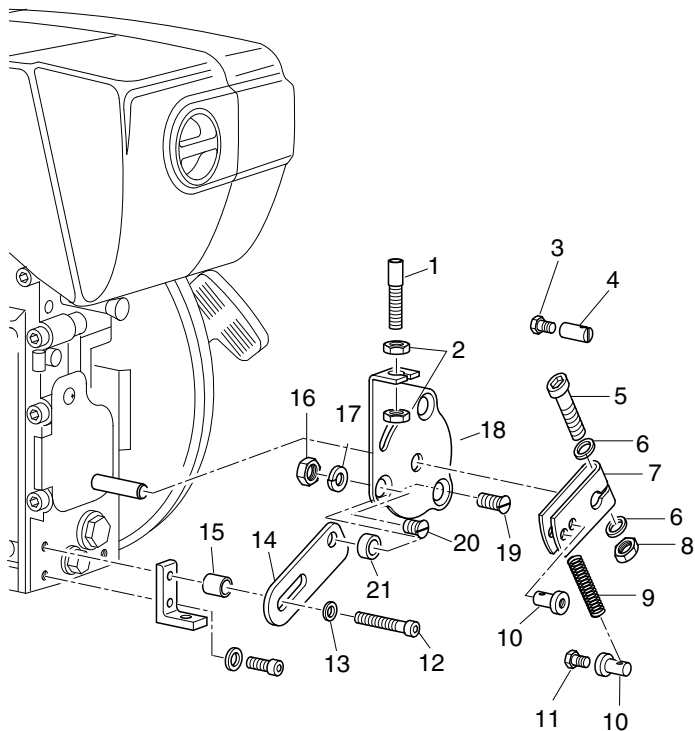


Fig.- No.	HATZ Ident-No.	Stück Qty.	W d / D	Bemerkungen Notes
		1B40V/W EPA IV	1B50V/W EPA IV	
1	0000 051 412 00	1	1	M 6
2	0000 501 444 00	2	2	M 6 DIN 934 - 8 A3C
3	0000 500 250 00	1	1	M 4 x 10 DIN 933-8.8 A3C
4	0000 504 830 00	1	1	2,2 NR. 1120
5	0000 505 119 00	1	1	M 5 x 30 DIN 912 - 8.8 A3C
6	0000 502 163 00	2	2	5,3 DIN 125-St A3C
7	0000 051 177 00	1	1	
8	0000 500 943 00	1	1	M 5 DIN 934-8 A3C
9	0000 504 846 00	1	1	VD-179 E
10	0000 504 831 00	2	2	2,2 NR. 1450
11	0000 500 250 00	1	1	M 4 x 10 DIN 933-8.8 A3C
12	0000 503 424 00	1	1	M 8 x 50 DIN 6912-8.8 A3C
13	0000 501 481 00	1	1	8,4 DIN 125-St A3C
14	0000 051 896 00	1	1	
15	0000 035 997 00	1	1	8,5 x 13 x 14,5
16	0000 503 283 00	1	1	VM 6 DIN 980-8 A3C
17	0000 502 085 00	1	1	8 DIN 128 A3C
18	0000 051 176 10	1	1	
19	0000 504 239 00	1	1	M 6 x 20 DIN 7991-10.9 A3C
20	0000 503 808 00	1	1	M 6 x 10 DIN 7991 -8.8 A3C
21	0000 032 929 00	1	1	8,2 x 11 x 12

Z09b

Motorabstellvorrichtung
Engine stop device
Dispositif d'arret
Dispositivo de parado
Dispositivo di arresta

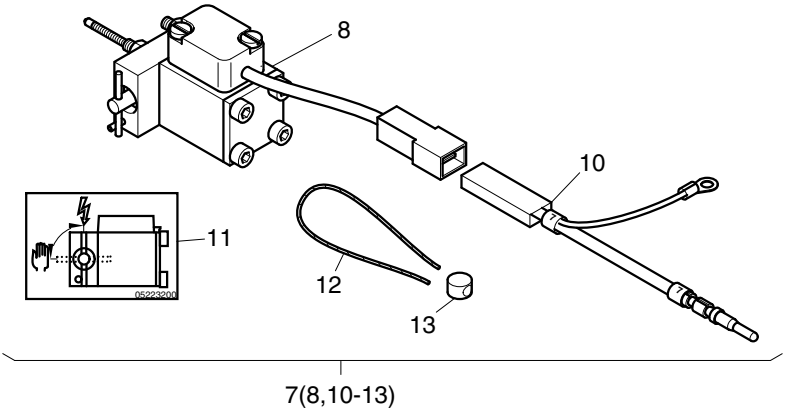
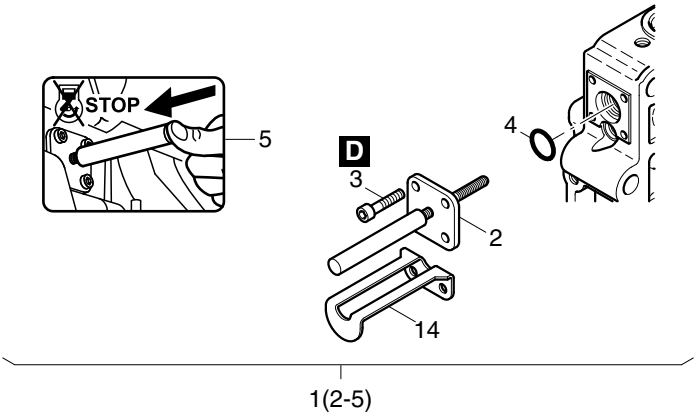


Fig.- No.	HATZ Ident-No.	Stück Qty.		W d / D	Bemerkungen Notes
		1B40V/W EPA IV	1B50V/W EPA IV		
1	0000 017 864 01	1	1		
2	-----	-	-		
3	0000 504 469 00	4	4		M 4 x 16 DIN 912-8.8 A3C Tuf.
4	0000 503 290 00	1	1		9,5 x 2,5
5	0000 052 213 01	1	1		Hinweisschild
7	0000 017 861 01	1	1		12V
7	0000 017 863 01	1	1		24V
8	-----	-	-		
10	0000 015 482 01	1	1		
11	0000 052 232 00	1	1		
12	0000 400 215 00	1	1		0,5 / 0,3 x 200
13	0000 400 214 00	1	1		8 mm ø
14	0000 053 072 00	1	1		

Anbauteile Hydraulikpumpe
Mount. parts hydr. pump
Pièces mont. -pompe hydr.
Piezas mont. bomba hidr.
Particolari per montaggio pompa idraulica

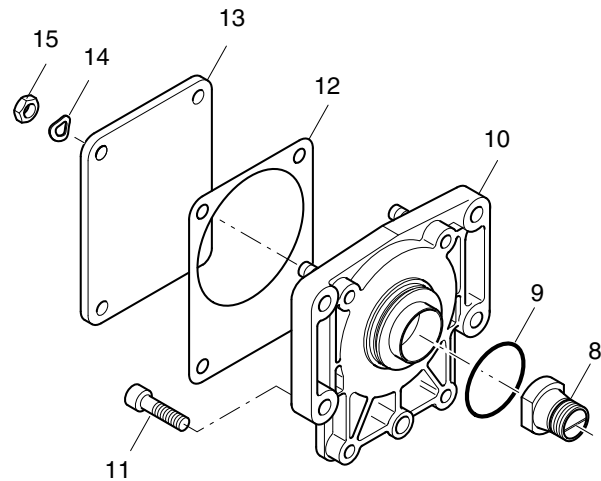
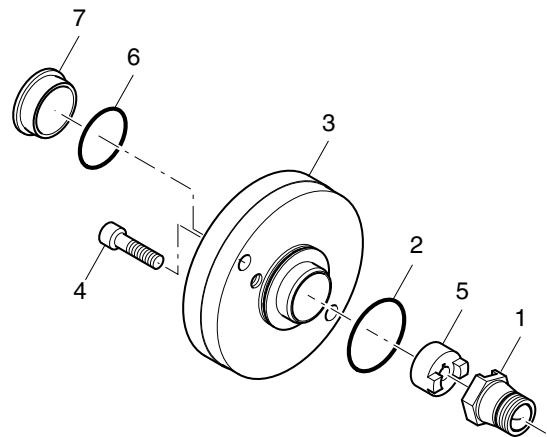


Fig.- No.	HATZ Ident-No.	Stück Qty.		W d / D	Bemerkungen Notes
		1B40V/W EPA IV	1B50V/W EPA IV		
1	0000 015 581 00	1	1		
2	0000 504 545 00	1	1		44 x 1,5
3	0000 052 122 00	1	1		(BOSCH)
4	0000 501 759 00	2	2		M 8 x 30 DIN 912-8.8 A3C
5	0000 051 147 00	1	1		
6	0000 502 882 00	1	1		32 x 2,5
7	0000 501 631 01	1	1		F 25 ø 31,8
8	0000 015 580 00	1	1		
9	0000 504 545 00	1	1		44 x 1,5
10	0000 016 909 01	1	1		(BOSCH)
11	0000 504 943 00	4	4		M 8 x 20 DIN 912-8.8 Tuf.
12	0000 035 680 00	1	1		
13	0000 037 616 00	1	1		
14	0000 500 951 00	4	4		A 8 DIN 137 A3C
15	0000 501 480 00	4	4		M 8 DIN 934-8 A3C

Autom. Ventilspielnachsteller
Autom. valve adjuster
Correcteur automatique du jeu de soupape
Ajuste automatico luz de valvulas
Regolazione automatica valvole

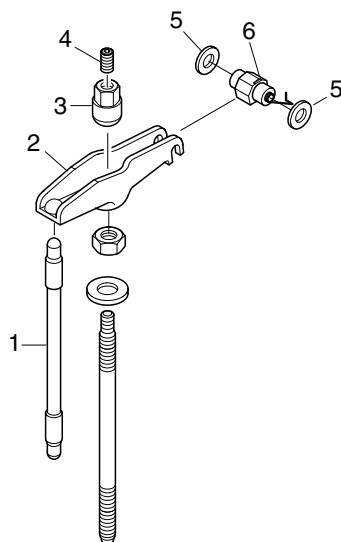


Fig.- No.	HATZ Ident-No.	Stück Qty.	W d / D	Bemerkungen Notes
		1B40V/W EPA IV	1B50V/W EPA IV	
1	0000 013 740 00	2	2	
2	0000 051 467 01	2	2	
3	0000 050 547 00	2	2	
4	0000 505 131 00	2	2	M 8 x 10 DIN 916 - 45 H
5	0000 052 407 00	0... 4	0... 4	6 x 12 x 1,35
5	0000 504 451 00	0... 4	0... 4	6 x 12 x 1,2 DIN 988
6	0000 017 760 00	2	2	

Motorausrüstung EPA
Spec. equipment EPA
Equipm. spec. EPA
Equipo espec. EPA
Kit trasformazione EPA

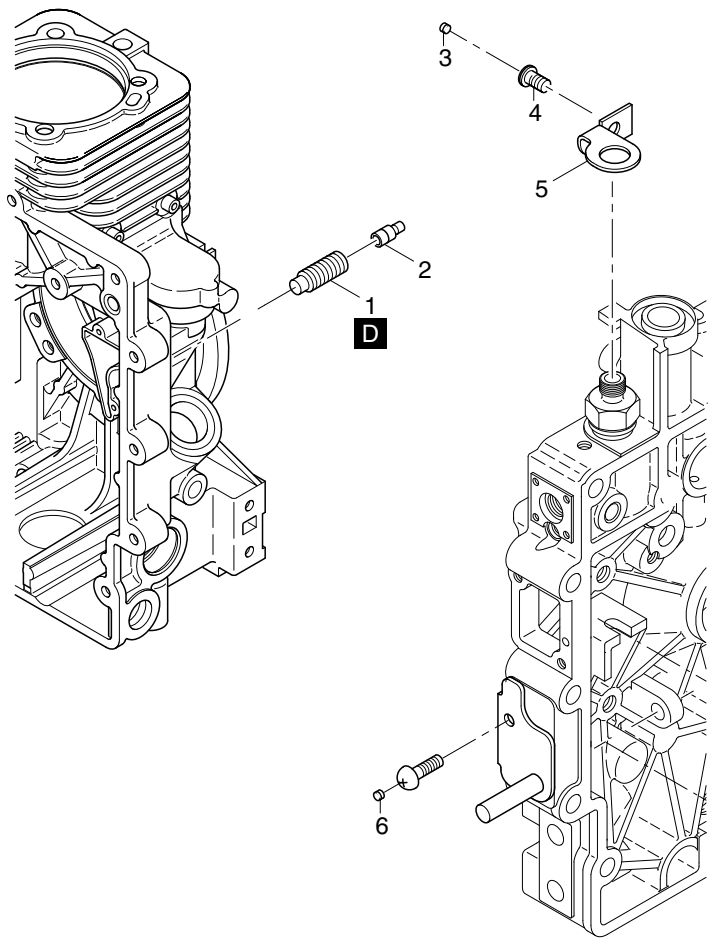


Fig.- No.	HATZ Ident-No.	Stück Qty.		W d / D	Bemerkungen Notes
		1B40V/W EPA IV	1B50V/W EPA IV		
1	0000 041 988 00	1	1		
2	0000 041 505 00	1	1		6
3	0000 041 706 00	1	1		4,15
4	0000 504 950 00	1	1		M 6 x 12 DIN 7380-10.9 A3C
5	0000 041 853 01	1	1		
6	0000 052 015 00	1	1		3

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D	Germany	15345 Altlandsberg	Alfons Hase	+49 - (0)33438 - 6 04 16
D	Germany	15831 Groß-Kienitz	Wilhelm Schmidt GmbH	+49 - (0)3 37 08 - 54 10
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D	Germany	49716 Meppen/Ems	M. + E. Motoren- und Energietechnik	+49 - (0)5931 - 98 44-0
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D	Germany	52477 Alsdorf - Mariadorf	B. Hamacher GmbH	+49 - (0)2404 - 9 85 60
D	Germany	52525 Heinsberg	Winkens GmbH	+49 - (0)2452 - 9 03 13-0
D	Germany	54292 Trier	motormobile	+49 - (0)651 - 43 68 60
D	Germany	56323 Waldesch	Seibert & Münch	+49 - (0)2628 - 29 01
D	Germany	57368 Lennestadt	Motoreninstandsetzung	+49 - (0)2725 - 2 47
D	Germany	59069 Hamm-Rhynern	Friedel Dicke GmbH	+49 - (0)2385 - 7 08 06-0
D	Germany	59609 Anröchte	Friedrich Dicke GmbH & Co.KG	+49 - (0)2947 - 979863
D	Germany	64293 Darmstadt	SERVICEZENTRALE	+49 (0)6151 - 39 7 49 0
D	Germany	67061 Ludwigshafen	ME Motoren- und Energietechnik	+49 - (0)621 - 58 71 17-0
D	Germany	67661 Kaiserslautern (Siegelbach)	Emrich GmbH	+49 - (0)6301 - 80 82, 80 83
D	Germany	69214 Eppelheim	Eberle Hald Handel u. Dienstleistungen	06221/7558 39 - 0
D	Germany	70188 Stuttgart	Eberle Hald Handel u. Dienstleistungen	0711/480 24 - 0
D	Germany	72555 Metzingen	Eberle Hald Handel u. Dienstleistungen	+49 - (0)7123 - 92 31 0
D	Germany	73492 Rainau-Goldshoef	Eberle Hald Handel u. Dienstleistungen	07361/9718 02
D	Germany	76139 Karlsruhe	Ehlgötz	+49 - (0)721 - 6 23 54-0
D	Germany	76571 Gaggenau	SKS-Motoren GmbH	+49 - (0)7225 - 96 08 23
D	Germany	7806 Neustadt / Orla	Hoffmann & Sohn GmbH	+49 - (0)36481 - 29 60
D	Germany	78652 Deisslingen	Eberle Hald Handel u. Dienstleistungen	07425/3386 - 0
D	Germany	79211 Denzlingen	Karl Hoch GmbH	+49 - (0)7666 - 88 24-0
D	Germany	79331 Teningen - Nimbürg	Eberle Hald Handel u. Dienstleistungen	07663/9309 - 0
D	Germany	7957 Langenwetzendorf	LAREMO GmbH	+49 - (0)3 66 25 / 5 52 07
D	Germany	81477 München	Stefan Lutzenberger	+49 - (0)89 - 78 20 39
D	Germany	83471 Berchtesgaden-Engedey	Friedrich Dicke GmbH & Co. KG	+49 - (0)8652 - 6 43 06
D	Germany	88074 Meckenbeuren	Eberle Hald Handel u. Dienstleistungen	07542/9410 - 0
D	Germany	90449 Nürnberg	Guth & Eberle GmbH	+49 - (0)911 - 6 88 79 53
D	Germany	94099 Ruhstorf	Motorenfabrik Hatz GmbH & Co. KG	+49 - (0)8531 - 31 90
D	Germany	94501 Aldersbach	Christian Sauer	+49 - (0)8543 - 91 60 81
D	Germany	9669 Frankenberg	V. Kluge GmbH	+49 - (0)37206 - 22 17
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DOM	Dominican Rep.	Santo Domingo	La Antillana Comercial, S.A.	+1 - 809 - 5 65 31 51
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E	Spain	15008 A Coruña	Talleres Hércules	+34 - 981 - 261650 / 252935
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E	Spain	29004 Málaga	Comercial Peña Torres	+34 - 952 - 17 70 72
E	Spain	30500 Molina de Segura	Campos López	+34 - 968 - 386248
E	Spain	31192 Mutilva Alta	Maquinaria y Servicios ECA	+34 - 948 - 24 10 17
E	Spain	33211 Gijón	Maprinsa, S.A.	+34 - 985 - 167772
E	Spain	35008 El Sebadal	Fuendor	+34 - 928 - 46 53 06
E	Spain	38320 Taco	Fuendor (Repuestos)	+34 - 922 - 65 54 50
E	Spain	38350 Tacoronte	Fuendor (Taller)	+34 - 922 - 56 05 25
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E	Spain	46469 Beniparell (Valencia)	Talleres Rimi	+34 - 96 - 1 21 70 91
E	Spain	47193 La Cisterniga	Zafara	+34 - 983 - 476851 / 225620
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ET	Egypt	11331 Cairo	Market Leaders	+20 - 2 - 4 53 07 63, 4 53 09 17
ETH	Ethiopia	Addis Abeba	Inter Supply	+251 - 1 - 50 77 77
EW	Estonia	11612 Tallinn	Estmotor Oü	+372 - 6 52 65 95
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GB	Great Britain	BL4 0LS Bolton	Seddons Plant	+44 - 1204 - 85 46 00
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GB	Great Britain	CM9 5FA Essex	Taylor Construction Plant Ltd	+44 - 1621 - 85 07 77
GB	Great Britain	CV21 1PB Warks	BrownPower Eng Ltd	+44 - 1788 - 57 75 75
GB	Great Britain	FK16 6AU Perthshire	Young Plant & Equipment	+44 - 1786 - 84 15 98
GB	Great Britain	GL17 0IA Gloucestershire	Titan Industrial Ltd	+44 - 1452 - 83 18 21
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GB	Great Britain	LS12 JAJ Leeds	Chippindale Plant Ltd	+44 - 113 - 2 63 23 44
GB	Great Britain	NE4 7AX Newcastle	John Nixon Ltd.	+44 - 191 - 2 26 06 66
GB	Great Britain	NN11 5QJ Northants	Bryco Group Ltd.	+44 - 1327 - 87 61 66
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GR	Greece	11855 Athens	DIM	+30 - 210 - 3 41 73 63
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GUY	Guyana	97351 Matoury	Assistance 97	+594 - 594 252 - 913
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I	Italy	21040 Origgio (VA)	C.M.R. s.n.c. di Bianchi Roberto & C.	+39 - 02 - 96 73 20 62
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I	Italy	25021 Bagnolo Mella (Bs)	Officina Meccanica	+39 - 030 - 68 21 441
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I	Italy	34015 Muggia TS	Centro Ricambio	+39 - 040 - 23 17 15
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I	Italy	36060 Romano d'ezzelino (VI)	Parolin Enzo	+39 - 0424 - 3 09 75
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IRL	Ireland	BT51 5JZ Coleraine	T.B.F. Thompson	+44 - 28 - 29 55 83 53
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MAT	Martinique	97232 Le Lamentin	Assistance 97	+596 - 5 96 50 30 00
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NL	Netherlands	4104 AE Culemborg	HATZ Nederland BV	+31 - 345 - 47 00 40
NL	Netherlands	8013 NE Zwolle	Janal Engineering BV	+31 - 38 - 4 60 22 00
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P	Portugal	4103-801 Porto Codex	Pinto & Cruz, Limitada	+351 - 22 - 6 15 05 58
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RCH	Chile	Santiago	Tecnica de Maquinarias Ltda.	+56 - 2 - 7 82 92 75
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RH	Haiti	HT-8110 Haiti	Les Ateliers - Ecole de Camp-Perrin	+509 - 286 00 52 / 1280
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RL	Lebanon	1102-2070 Beirut	Nagib Baki & Sons	+961 - 1 - 36 52 62
RM	Madagascar	Tananarive	Société Ameca	+261 - 20 - 2 22 30 16
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S	Sweden	37182 Karlskrona	S. Jeppson AB	+46 - 455 - 38 80 00
S	Sweden	58112 Linköping	Branzells elektro-diesel ab	+46 - 13 - 31 09 00
S	Sweden	59892 Vimmerby	Mek & Maskin	+46 - 496 - 4 02 40
S	Sweden	63346 Eskilstuna	Larssons Motor AB	+46 - 16 - 13 60 04
S	Sweden	65110 Karlstad	Branzells elektro-diesel ab	+46 - 54 - 85 29 00
S	Sweden	65111 Karlstad	Värm-dal Maskin AB	+46 - 54 - 13 77 00
S	Sweden	67141 Arvika	Arvika Bil El	+46 - 570 - 71 15 90
S	Sweden	67222 Årjäng	Myrvolds Maskin	+46 - 573 - 1 30 52
S	Sweden	70140 Örebro	Branzells elektro-diesel ab	+46 - 19 - 27 40 00
S	Sweden	72137 Västerås	Branzells elektro-diesel ab	+46 - 21 - 81 03 10
S	Sweden	83148 Östersund	Siljeströms Motorrenovering AB	+46 - 63 - 10 60 70
S	Sweden	85751 Sundsvall	LHS Maskiner	+46 - 60 - 57 72 20
S	Sweden	89495 Moliden	Flärke Kojerservice AB	+46 - 660 - 9 11 42
S	Sweden	90586 Umeå	Larsson Maskin AB	+46 - 90 - 14 73 30
S	Sweden	93621 Boliden	BPA Industriteknik AB	+46 - 910 - 77 42 15
S	Sweden	98138 Kiruna	Truck & Maskin AB Kiruna	+46 - 980 - 1 50 20
S	Sweden	98222 Gällivare	Holmgrens Truck & Motor	+46 - 970 - 1 45 40

HATZ service network



SGP	Singapore	768441 Singapore	EquipSource Pte Ltd	+65 - 67 59 22 96
SK	Slavakia	91501 Nové Mesto n/V.	OTS Bratislava, spol. s.r.o.	+421 - 032 - 77 15 49 7
SLO	Slovenia	2000 Maribor	VZDRZEVANJE NEJC, D.O.O.	+386 - 2 - 420 11 98
SME	Suriname	Paramaribo	Meindertsma Surinam N.V.	+597 - 40 46 94, 40 33 88
SN	Senegal	Dakar	MATFORCE	+221 - 33 - 839 95 00
SYR	Syria	- Damascus	Electromechanical Equipment	+963 - 11 - 2 21 39 55 / 2 21 56 78
TAH	Tahiti	98701 Arue	Ets. Dieumegard	+689 - 6 89 42 32 38
THA	Thailand	10120 Bangkok	General Diesel (Thailand) Co. Ltd.	+662 - 2 94 08 75 - 6, 2 84 08 28
TN	Tunesia	1001 Tunis	S.I.A Ben Djemaa & Cie	+216 - 71 24 25 66
TN	Tunesia	3000 Sfax	S.I.A Ben Djemaa & Cie	+216 - 74 40 84 09
TR	Turkey	34852 Maltepe Istanbul Turkey	Efes Makina Sanayi ve dis Ticaret Ltd. STI	+90 - 216 - 3 67 35 75
TT	Trinidad and Tob.	San Fernando	Electrodiesel & Co. Ltd.	+1 - 868 - 652 - 37 10
UA	Ukraine	1034 Kiev	ERA - Engineering Remake Aggregate	+380 - 44 - 5 99 16 44
UAE	United Arab. Em.	Dubai	INMA	+971 - 4 - 2 85 72 72
USA	United States	WI 53187-0258 Waukesha	HATZ Diesel of America, Inc.	+1 - 262-544-0254
UZB	Uzbekistan	Tashkent	Kartash Service	+998 - 7 11 33 57 59
VN	Vietnam	768441 Singapore	Please contact our agent in Singapore	+65 - 67 59 22 96
WAL	Sierra Leone	Freetown	Joe Tech	+232 - 77 - 23 21 72
WAN	Nigeria	- Lagos	A1 Multi Services Limited	+234 - 1 - 7 21 67 21
YAR	Rep. of Yemen	Sana'a	Al Mahtadi & Abo-Miskah Co. Ltd.	+967 - 1 - 22 47 66, 22 25 29
YV	Venezuela	Caracas	Maquinarias Larraq, C.A.	+58- 212 - 9 44 16 31 / 9 44 56 29
ZA	South Africa	3630 Westville	Hatz Diesel (S.A.) Pty. Ltd. Durban	+27 - 31 - 7 00 48 38
ZA	South Africa	Bloemfontein	CPR Maintenance CC	+27 - (0)51 - 4 47 96 18
ZA	South Africa	Capetown	Compaction & Industrial Equipment C.C.	+27 - (0)21 - 9 49 77 67
ZA	South Africa	Edenvale	Hatz Diesel (S.A.) Pty. Ltd.	+27 - 11 - 5 74 09 00
ZA	South Africa	Port Elizabeth	S & K Diesels cc	+27 - 41 - 5 83 37 80
ZW	Zimbabwe	Harare	R & S Diesel Pro Services (Pvt.) Ltd.	+26 - 34 33 15 59

Serien-Nr.-Änderungen
Serial-code modification list
Modification des Nos de series
Modificación de los Nos de serie
Modifica dei codici

IMT-No.

1 B 40.V / W.10	1 B 40.V / W.11	01.613
1 B 40 V / W.11	1 B 40 V / W.12	03.627
1 B 40 V / W.12	1 B 40 V / W.13	05.648
1 B 40 V / W 13	1 B 40 V / W 14	06.658
1 B 40 V / W 14	1 B 40 V / W 15	10.694
1 B 50 V / W 10	1 B 50 V / W 11	07.669
1 B 50 V / W 11	1 B 50 V / W 12	10.695