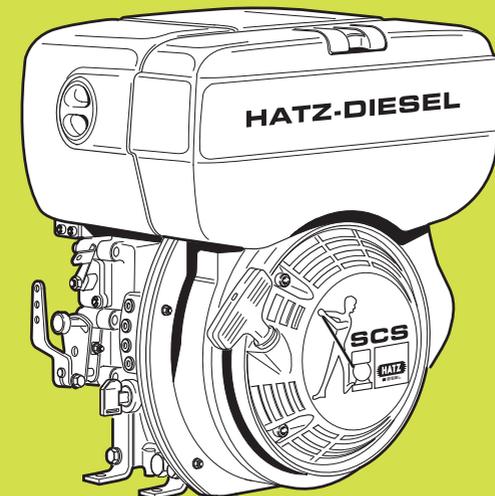




MOTORENFABRIK HATZ • D-94099 Ruhstorf • Germany  
Tel.: 0 85 31 / 3 19-0 • Telefax: 0 85 31 / 31 94 18  
eMail: marketing@hatz-diesel.de • <http://www.hatz-diesel.de>

**Original-Ersatzteile**  
Original-spare parts  
Pièces de rechange d'origine  
Repuestos originales  
Pezzi di ricambio originali



**1B20**  
**1B27**  
**1B30**

434 800 23- 05.08- 5  
Printed in Germany



Original - Ersatzteile  
Original-spare parts  
Pièces de rechange d'origine  
Repuestos originales



Nächste HATZ-Servicestelle:  
Nearest HATZ service station:  
Station-service HATZ la plus proche:  
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[www.hatz-diesel.com](http://www.hatz-diesel.com)

①	TYP
②	KENNZ.
③	MOTOR/FABRIK NO.
④	MIN <sup>-1</sup>

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

**1 B 20.31 EPA II**     **1 B 20.31 NON EPA**   
**1 B 27.10 EPA II**  
**1 B 30.25 EPA II**     **1 B 30.25 NON EPA**

Beispiel: / Example: / Exemple: / Ejemplo: / Esempio: MOTOR/FABRIK NO. - 1003107123456 (=1B20.**31** EPA II)  
MOTOR/FABRIK NO. - 3003107123456 (=1B20.**31** NON EPA)  
MOTOR/FABRIK NO. - 1251007123456 (=1B27.**10** EPA II)  
MOTOR/FABRIK NO. - 1012507123456 (=1B30.**25** EPA II)  
MOTOR/FABRIK NO. - 3022507123456 (=1B30.**25** NON EPA)

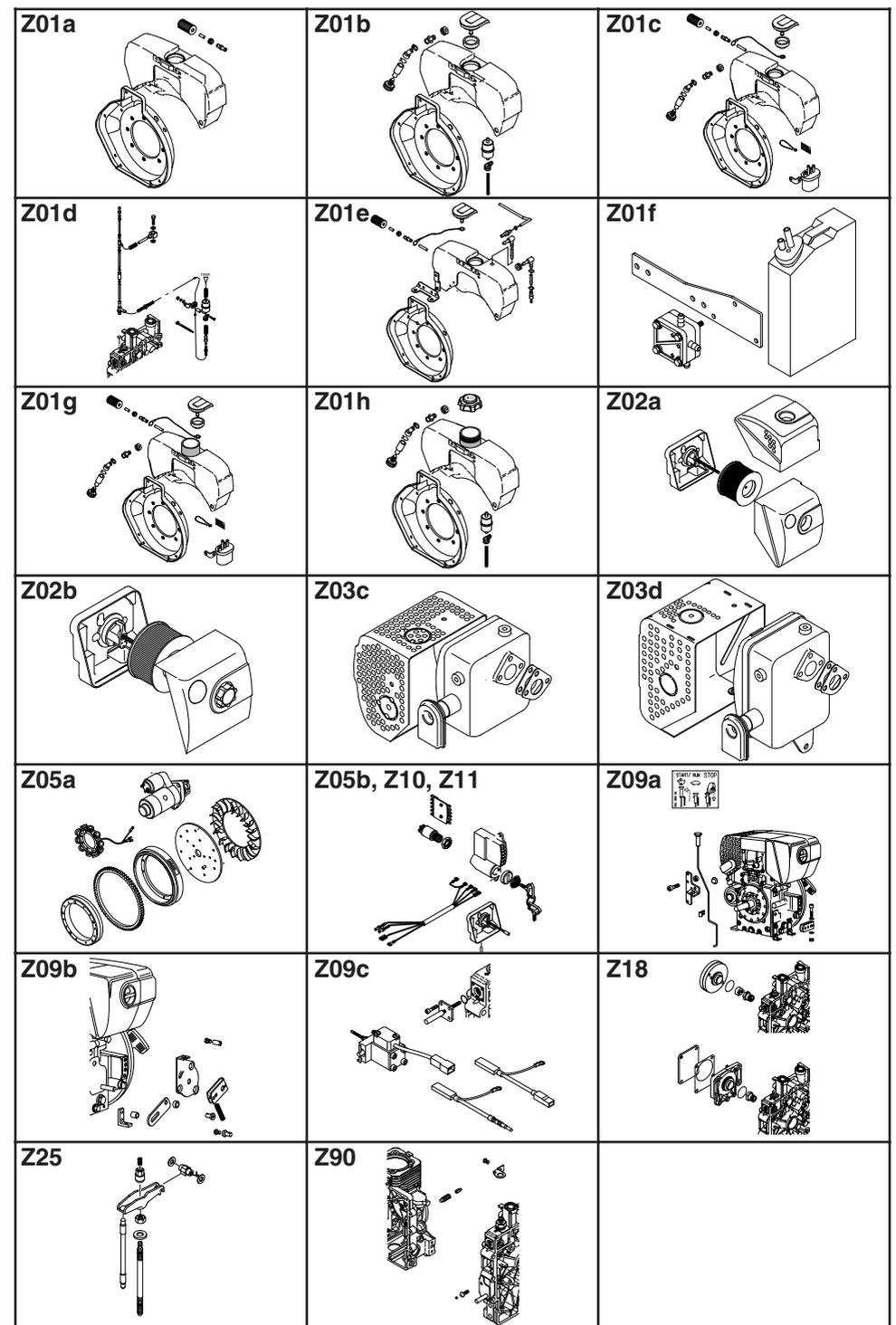
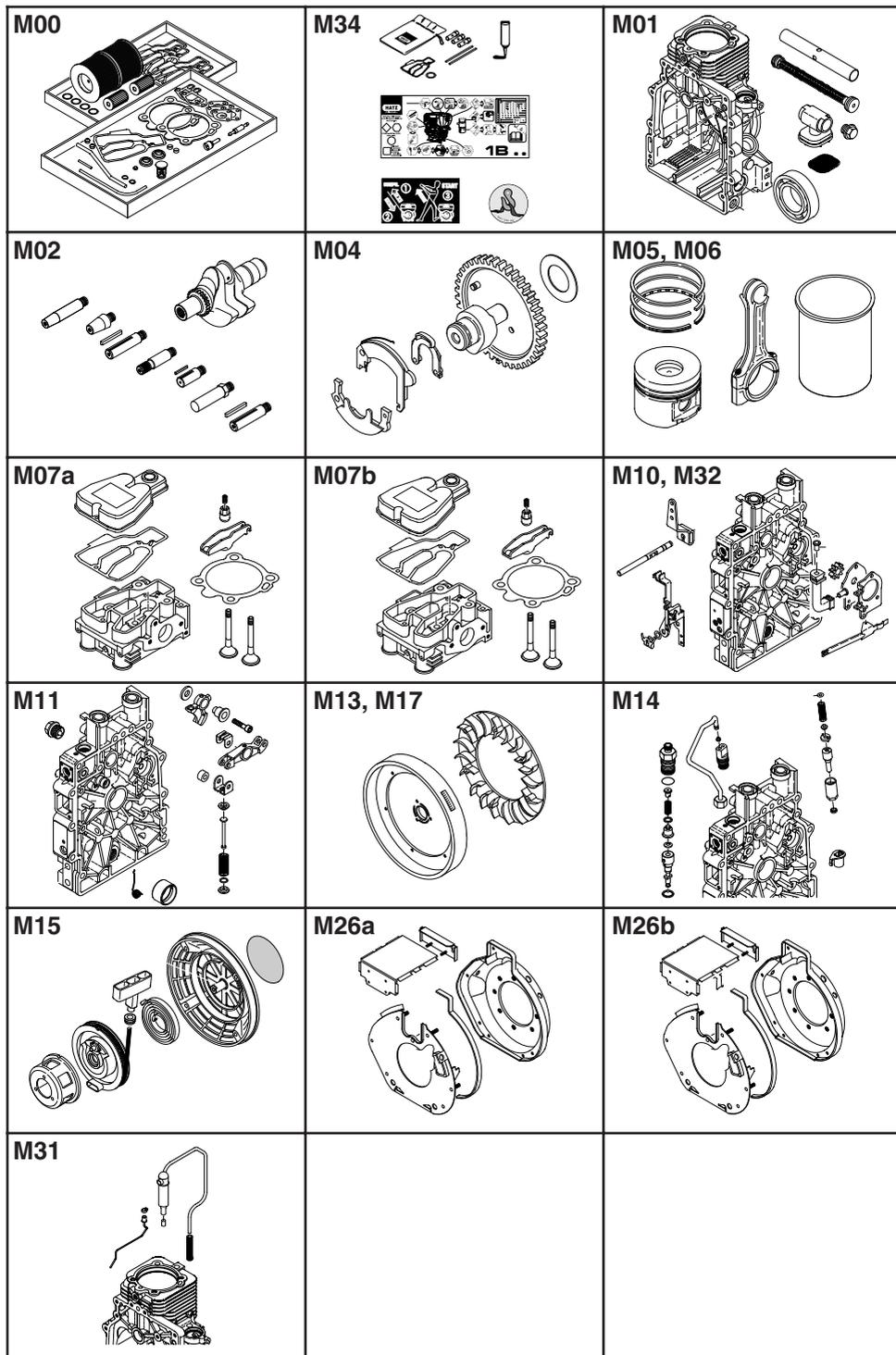
Verwenden Sie nur **Original HATZ-Ersatzteile**. Nur diese Teile garantieren einwandfreie Maßhaltigkeit und Qualität.

Use only **original spare parts** from **HATZ**. Only these parts guarantee a perfect dimensional stability and quality.

Utilisez exclusivement des **pièces de rechange d'origine HATZ**. Seules ces pièces vous garantissent une qualité parfaite et le respect absolu des cotes.

Utilice sólo **piezas de repuesto originales HATZ**. Sólo esas piezas garantizan la debida exactitud dimensional y calidad.

Usare sempre **Ricambi Originali HATZ**. Solo i pezzi originali garantiscono una qualità perfetta e il rispetto delle tolleranze del costruttore.



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

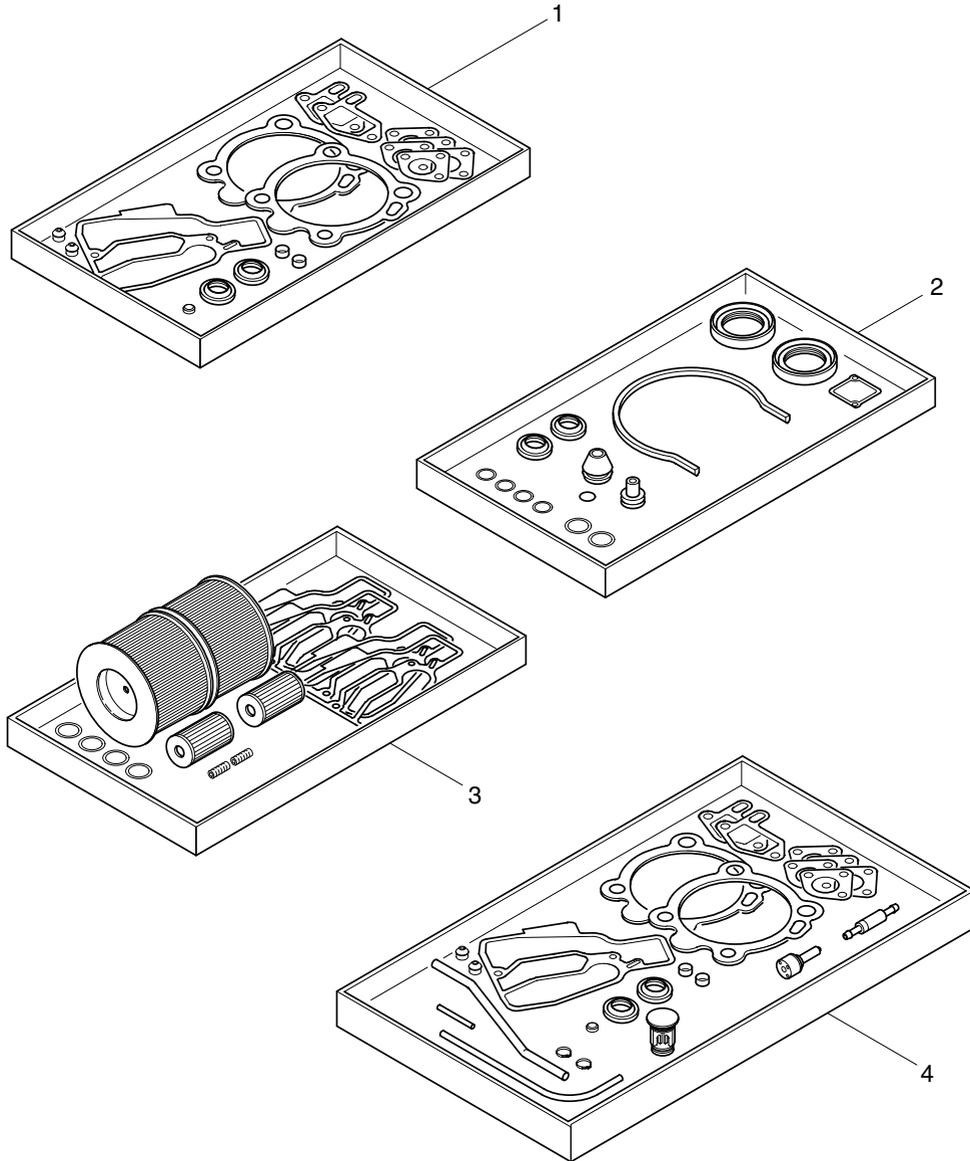


Fig.- No.	HATZ Ident-No.	Stück Qty.					P / W d / D	Bemerkungen Notes
		1B20 EPA II	1B20 NON EPA	1B27 EPA II	1B30 EPA II	1B30 NON EPA		
		<p>W: Im Wartungssatz enthalten. Incl. in maintenance kit. Contenu dans le jeu d'entretien. Incluido en el juego de mantenimiento. Contenuto nella serie manutenzione.</p>						<p>P: Im Pannensatz enthalten. Incl. in emergency kit. Contenu dans le jeu secour. Incluido en el juego para averias. Contenuto nella serie di prima necessità.</p>
		<p>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.</p>						<p>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.</p>
		<p>1: Anzahl pro Satz - Qty. per kit Quantite p. jeu - Cantidad p. juego Quantità per serie</p>						
1	01554101	1	1	-	-	-	P 1	Dichtungssatz für 1 Zylinderkopf
1	01980200	-	-	1	-	-	P 1	Gasket set for 1 cyl. head
1	01582203	-	-	-	1	1	P 1	Jeu de joint p. 1 culasse
		<p>2: Dichtungssatz für Kurbelgehäuse Gasket set for crankcase Jeu de joints p. carter moteur Juego de juntas para caja cigueñal Serie guarnizioni basamento</p>						
2	01554202	1	1	1	-	-		Dichtungssatz für Kurbelgehäuse
2	01582303	-	-	-	1	1		Gasket set for crankcase
		<p>3: 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</p>						
3	01554310	1	1	1	-	-		Wartungssatz für 1000 h
3	01582410	-	-	-	1	1		1000 hours maintenance kit
		<p>4: Pannensatz - Emergency kit Kit de secours-Juego para averias Kit di prima necessità</p>						
4	01554420	1	-	-	-	-		Pannensatz - Emergency kit
4	01850610	-	1	-	-	-		Kit de secours-Juego para averias
4	01980300	-	-	1	-	-		Kit di prima necessità
4	01582520	-	-	-	1	-		
4	01850710	-	-	-	-	1		

M34

Zubehör  
Accessories  
Accessoires  
Accessorios  
Kit accessori

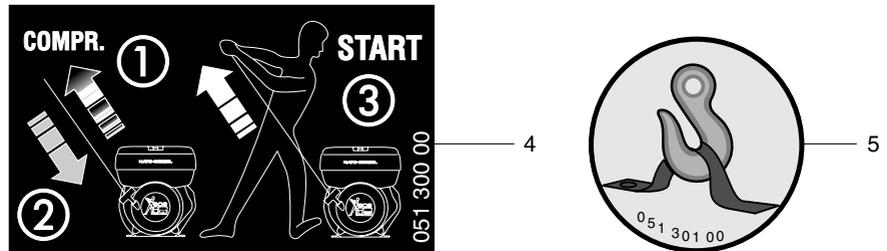
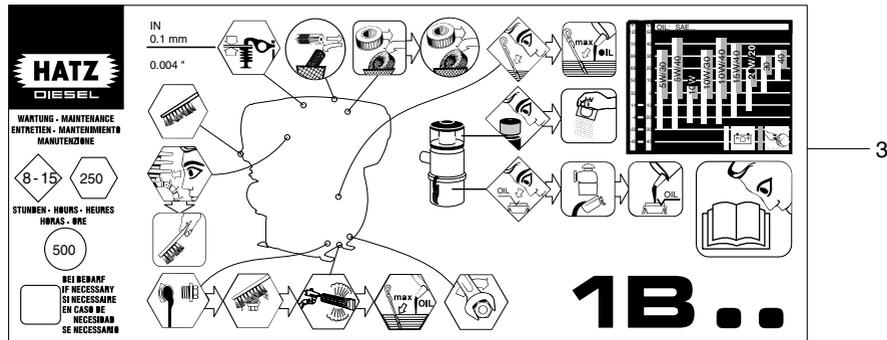
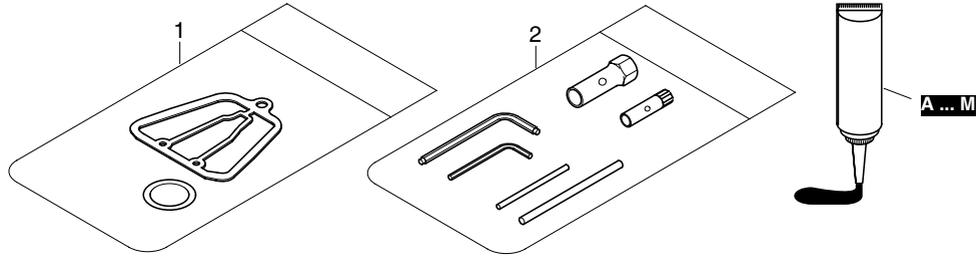


Fig.- No.	HATZ Ident-No.	Stück Qty.					P / W d / D	Bemerkungen Notes
		1B20 EPA II	1B20 NON EPA	1B27 EPA II	1B30 EPA II	1B30 NON EPA		
1	01331002	1	1	1	-	-	Zubehörsatz - Accessoires kit Zubehörsatz - Accessoires kit Werkzeugsatz - Tool set 160 x 67mm	
1	01578701	-	-	-	1	1		
2	01330901	1	1	1	1	1		
3	05110405	1	1	1	1	1		
4	05130000	1	1	1	1	1		
5	05130100	1	1	1	1	1		

Dicht- und Klebstoffe  
Sealing- and bonding adhesives  
Etanchéifiant et Colle

Materias para empaquetar y pegar  
Adesivi e collanti

A = 502 230 01	Loctite Activator N	500 ml	} siehe Hinweis auf den einzelnen Bildtafeln as specified in the individual tables suivant les remarques sur les tableau correspondant según las indicaciones de las tablas correspondientes seguire le indicazioni sul quadro corrispondente
B = 502 231 01	Loctite 574	50 ml	
C = 502 232 00	Loctite 601	50 ml	
D = 502 233 00	Loctite 221	50 ml	
E = 502 234 00	Loctite 648	10 ml	
F = 502 238 00	Technicoll 8058	0,75 kg	
+ 502 239 00	Technicoll 8367	0,75 kg	
G = 502 565 01	Loctite IS 407	20 g	
H = 502 825 01	Silicon	30 ml	
J = 502 830 04	Hochtemp. Paste	100 ml	
K = 503 426 01	Hochtemp. Fett	400 g	
L = 502 566 00	Silicon sealer	100 g	
M = 504 851 00	Schleifpaste	80 g	

**M01**

Kurbelgehäuse  
Crankcase  
Carter moteur  
Caja cigueñal  
Basamento motore

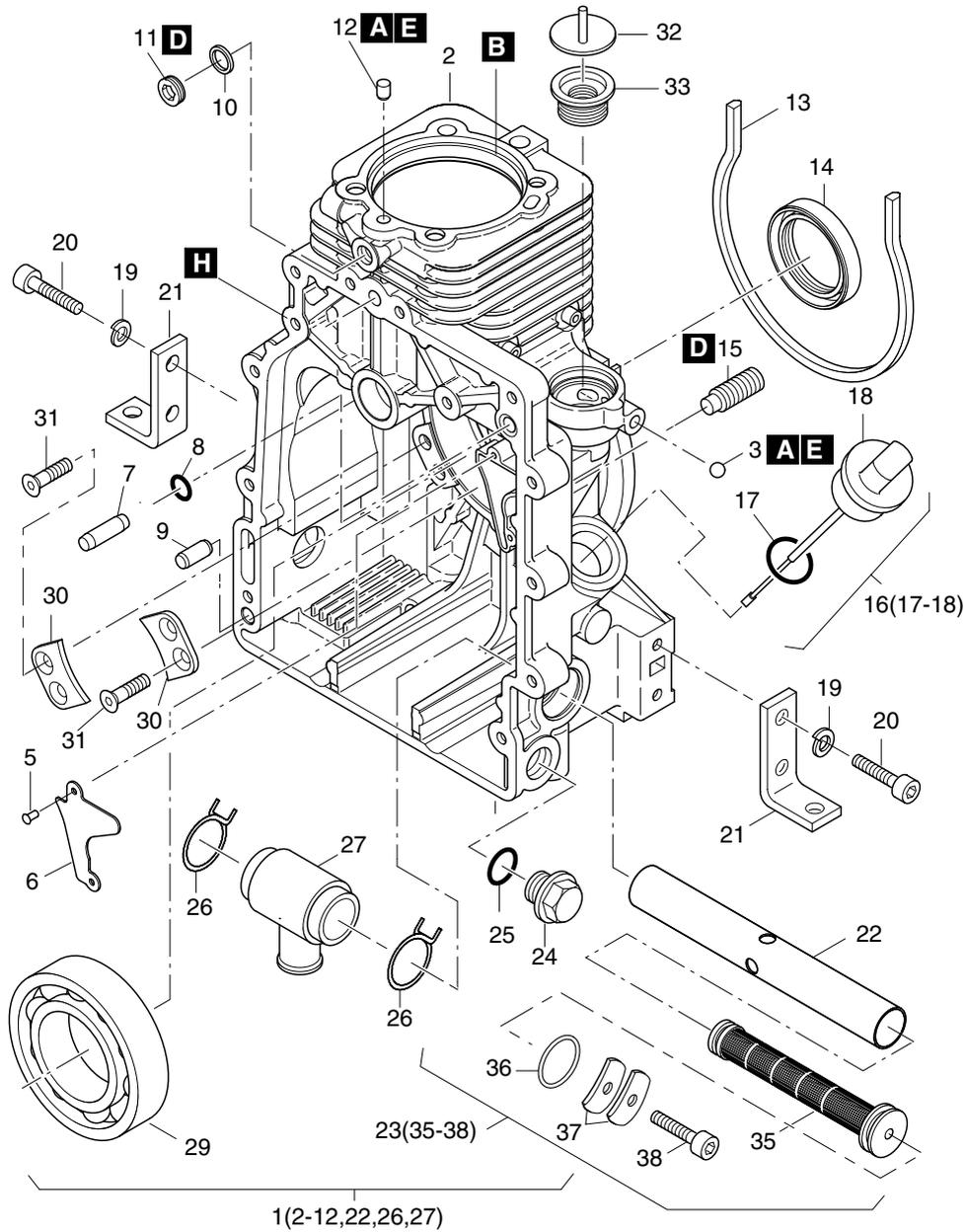


Fig.- No.	HATZ Ident-No.	Stück Qty.					P / W d / D	Bemerkungen Notes
		1B20 EPA II	1B20 NON EPA	1B27 EPA II	1B30 EPA II	1B30 NON EPA		
1	01552220	1	1	-	-	-		
1	01582720	-	-	-	1	1		
2	-----	-	-	-	-	-		
3	-----	-	-	-	-	-		
5	40002600	2	2	2	2	2	3,2	
6	04105400	1	1	1	-	-		
6	01333100	-	-	-	1	1		
7	50502801	1	1	1	1	1		
8	50440300	1	1	1	1	1	8 M 6 x 24 DIN 6325 2 Fasen	
9	50249102	1	1	1	1	1	D1 8 x 1,5	
10	50062400	1	1	1	1	1	8 M 6 x 20 2-Fasen	
11	50062300	1	1	1	1	1	A 10 x 13,5 DIN 7603-Cu	
12	-----	-	-	-	-	-	M 10 x 1 DIN 908-5.8 A3C	
13	04098000	1	1	1	-	-	D1 318 mm	
14	50423200	1	1	1	-	-	D1 40 x 55 x 10 AS	
14	50449800	-	-	-	1	1	D1 42 x 55 x 10 AS	
15	04150600	1	1	1	1	1		
16	01316000	1	1	1	1	1		
17	04125000	1	1	1	1	1	D1 26 x 35 x3	
18	-----	-	-	-	-	-		
19	50208500	8	8	8	8	8	8 DIN 128 A3C	
20	04121900	8	8	8	8	8	M 8 x 35 A3C	
21	04099302	4	4	4	4	4		
22	04105710	1	1	1	1	1		
23	01542703	1	1	1	1	1		
24	50373100	1	1	1	1	1	W1 AM22x1,5DIN7604A3C MAGN.	
25	50001600	1	1	1	1	1	D2, W4 A 22 x 27 DIN 7603 Cu	
26	05036900	2	2	2	2	2		
27	04163000	1	1	1	1	1		
29	50423300	1	1	-	-	-		
29	50555200	-	-	1	-	-		
29	50449700	-	-	-	1	1		
30	04094400	2	2	2	2	2		
31	50564300	4	4	4	4	4	M 6 x 16 8.8 MK PRE 80-8	
32	01555800	1	1	1	1	1		
33	03568701	1	1	1	1	1		
35	-----	-	-	-	-	-		
36	50475901	1	1	1	1	1	W1, D1 20 x 4	
37	05148200	2	2	2	2	2		
38	50170700	1	1	1	1	1	M 6 x 16 DIN 912-8.8 A3C	

Kurbelwelle  
Crankshaft  
Vilebrequin  
Cigüeñal  
Albero a gomito

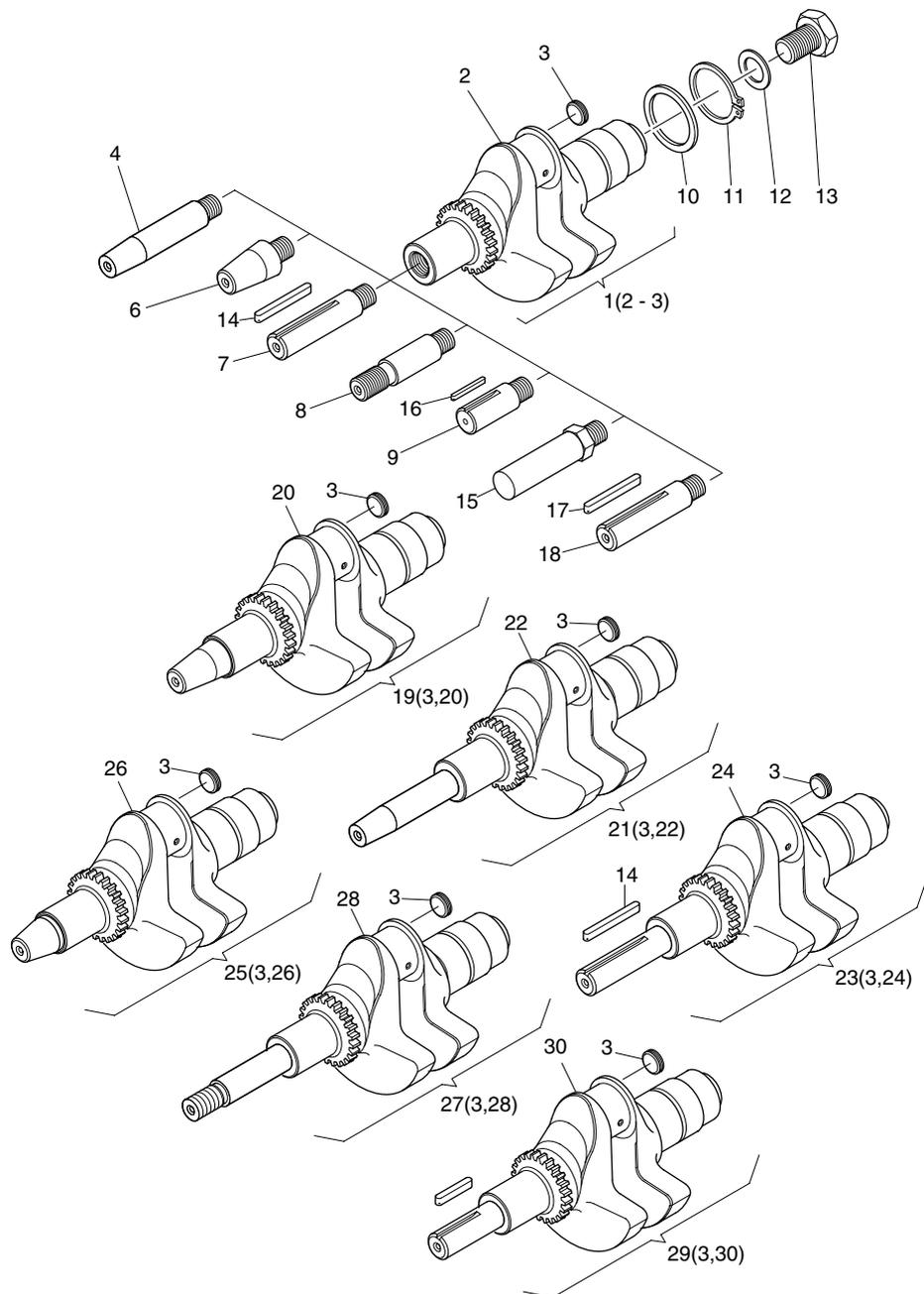


Fig.- No.	HATZ Ident-No.	Stück Qty.					P / W d / D	Bemerkungen Notes
		1B20 EPA II	1B20 NON EPA	1B27 EPA II	1B30 EPA II	1B30 NON EPA		
1	01552710	1	1	-	-	-		
1	01334201	-	-	-	1	1		
2	-----	-	-	-	-	-		
3	50300801	1	1	1	1	1		
4	05099601	1	1	-	-	-	Nr. 4 SAE Generator ø 19,8 mm	
4	05127401	-	-	-	1	1	Nr. 4 SAE Generator ø 7/8"	
6	05099701	1	1	-	1	1	Nr. 6 ital. 23 keg., con.	
6	05142701	-	-	-	1	1	keg., con. ø 25 f. Gen.	
7	05099801	1	1	-	-	-	Nr. 7 - ø 3/4" zyl., cil.	
7	05127621	-	-	-	1	1	Nr. 2 - ø 1" zyl., cil.	
8	05099901	1	1	-	-	-	Nr. 8 SAE 3/4" - 16 UNF 2A	
8	05127722	-	-	-	1	1	Nr. 1 - SAE ø 1" - 14 UNS 2A	
9	05100001	1	1	-	-	-	ø 20 zyl., cil.	
9	05127802	-	-	-	1	1	ø 25 zyl., cil.	
10	40032500	1	1	1	-	-	40 x 50 x 2,5 DIN 988	
10	40065600	-	-	-	1	1	45 x 55 x 3,0	
11	50120600	1	1	1	-	-	A 40 x 1,75 DIN 471	
11	50021600	-	-	-	1	1	A 45 x 1,75 DIN 471	
12	04114201	1	1	1	1	1	18,5 x 37 x 5	
13	50443600	1	1	1	1	1	M 18 x 1,5 x 55 DIN 961 - 10.9	
14	04120400	1	1	-	-	-	4,75 x 30	
14	05141600	-	-	-	1	1	A 6,35 x 61	
15	05107301	1	1	-	1	1	SW 27 mm, ø 26,8 mm	
16	50463400	1	1	-	-	-	A 5 x 5 x 36 DIN 6885	
16	50473700	-	-	-	1	1	7 x 8 x 45 DIN 6885	
17	50463400	1	1	-	1	1	A 5 x 5 x 36 DIN 6885	
18	04152500	1	1	-	1	1	ø 22,2 zyl., cil.	
19	01552310	1	1	1	-	-	Nr. 6 ital. 23 keg., con.	
19	01333901	-	-	-	1	1	Nr. 6 ital. 23 keg., con.	
20	-----	-	-	-	-	-		
21	01552410	1	1	1	-	-	Nr. 4 SAE Generator ø 19,8 mm	
21	01329901	-	-	-	1	1	Nr. 4 SAE Generator ø 7/8"	
22	-----	-	-	-	-	-		
23	01552510	1	1	1	-	-	Nr. 7 ø 3/4" zyl., cil.	
23	01334111	-	-	-	1	1	Nr.2 ø1"zyl., cil.	
24	-----	-	-	-	-	-		
25	01851710	1	1	-	-	-	Nr. 3 keg., con. ø25 mm f. Gen.	
25	01860910	-	-	1	-	-	Nr. 3 keg., con. ø25 mm f. Gen.	
25	01885500	-	-	-	1	1	Nr. 3 keg., con. ø30 mm f. Gen.	
26	-----	-	-	-	-	-		
27	01880010	1	1	-	-	-	Nr. 5 ø20 zyl., cil. M 18 x 1,5	
27	01886610	-	-	1	-	-	Nr. 5 ø20 zyl., cil. M 18 x 1,5	
27	01855900	-	-	-	1	1	Nr. 5 ø25 zyl., cil. M 20 x 1,5	
28	-----	-	-	-	-	-		
29	01852710	1	1	-	-	-	Nr. 9 ø20 zyl., cil.	
29	01886510	-	-	1	-	-	Nr. 9 ø25 zyl., cil.	
29	01856000	-	-	-	1	1	Nr. 9 ø25 zyl., cil.	
30	-----	-	-	-	-	-		

**M04**

Nockenwelle  
Camshaft  
Arbre à cames  
Arbol de levas  
Albero a camme

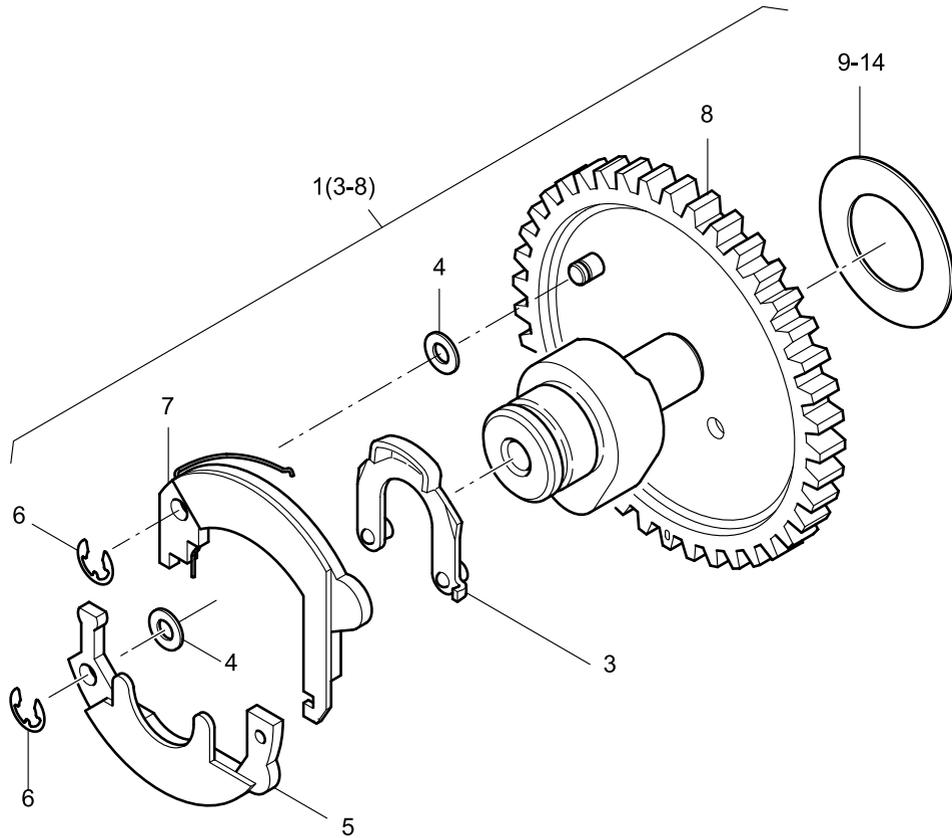


Fig.- No.	HATZ Ident-No.	Stück Qty.					P / W d / D	Bemerkungen Notes
		1B20 EPA II	1B20 NON EPA	1B27 EPA II	1B30 EPA II	1B30 NON EPA		
1	01503523	1	1	1	1	1		
3	01326401	1	1	1	1	1		
4	50123200	2	2	2	2	2	5 x 10 x 0,5 DIN 988	
5	01326600	1	1	1	1	1		
6	50255300	2	2	2	2	2	3,2 DIN 6799	
7	01326501	1	1	1	1	1		
8	-----	-	-	-	-	-		
9	04121700	0..1	0..1	0..1	0..1	0..1	0,9 mm 23 x 38 x 0,9	
10	04112100	0..1	0..1	0..1	0..1	0..1	1,0 mm 23 x 38 x 1,0	
11	04112200	0..1	0..1	0..1	0..1	0..1	1,1 mm 23 x 38 x 1,1	
12	04112300	0..1	0..1	0..1	0..1	0..1	1,2 mm 23 x 38 x 1,2	
13	04125100	0..1	0..1	0..1	0..1	0..1	1,3 mm 23 x 38 x 1,3	
14	04125200	0..1	0..1	0..1	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

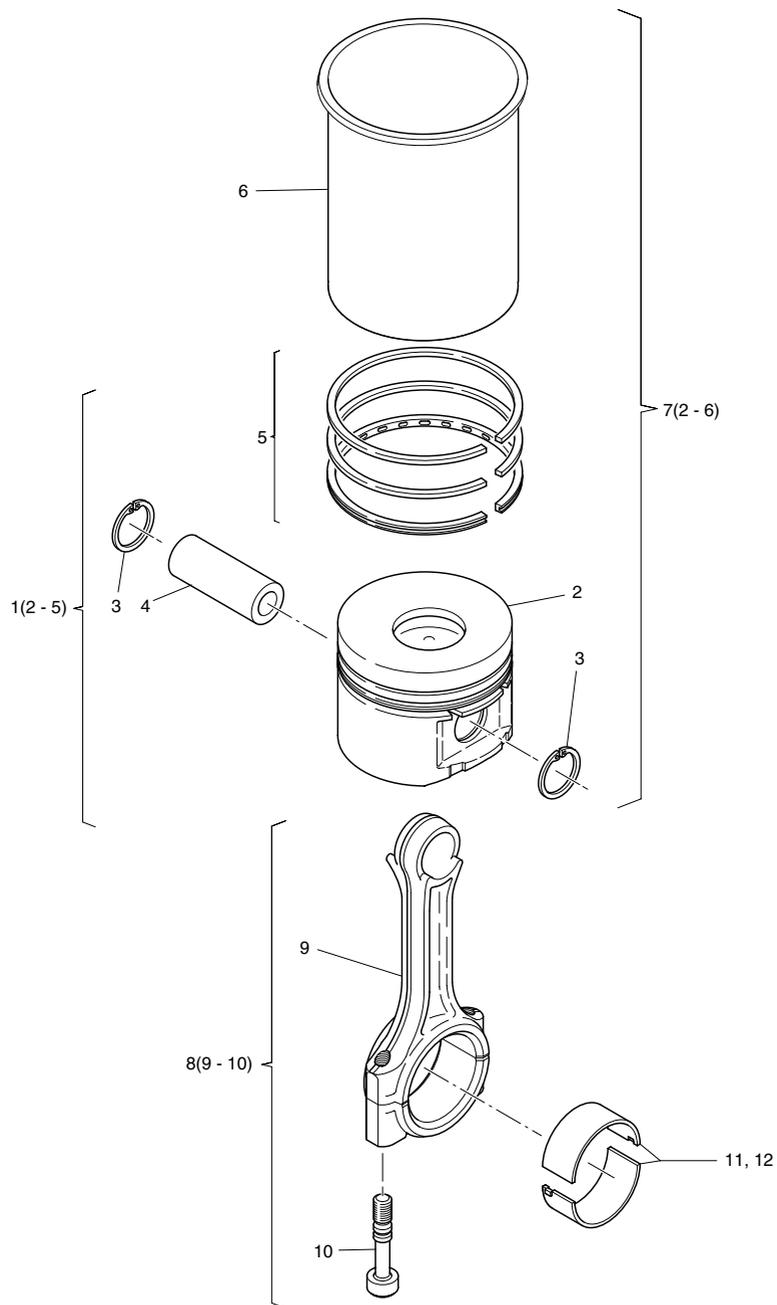


Fig.- No.	HATZ Ident-No.	Stück Qty.					P / W d / D	Bemerkungen Notes
		1B20 EPA II	1B20 NON EPA	1B27 EPA II	1B30 EPA II	1B30 NON EPA		
1	01348130	1	1	-	-	-	69 mm Hub 65mm	
1	01387900	-	-	1	-	-	74 mm	
1	01390610	-	-	-	1	1	80 mm	
2	-----	-	-	-	-	-		
3	50425500	2	2	2	-	-	18 x 1 DIN 472	
3	50464000	-	-	-	2	2		
4	-----	-	-	-	-	-		
5	01348000	1	1	-	-	-	1,5-1,5-3,0mm	
5	01387800	-	-	1	-	-		
5	01390700	-	-	-	1	1		
6	-----	-	-	-	-	-		
7	01554530	1	1	-	-	-	Hub 65mm	
7	01582610	-	-	-	1	1		
8	01500100	1	1	1	-	-		
8	01329201	-	-	-	1	1		
9	-----	-	-	-	-	-		
10	05046900	2	2	2	-	-		
10	04113100	-	-	-	2	2		
11	01575700	1	1	1	-	-		
11	01582100	-	-	-	1	1		
12	01581900	1	1	1	-	-	-0,5 mm	
12	01582000	-	-	-	1	1	-0,5 mm	

M07a

Zylinderkopf - 1B20 / 27  
 Cylinder head - 1B20 / 27  
 Culasse - 1B20 / 27  
 Culata - 1B20 / 27  
 Testa - 1B20 / 27

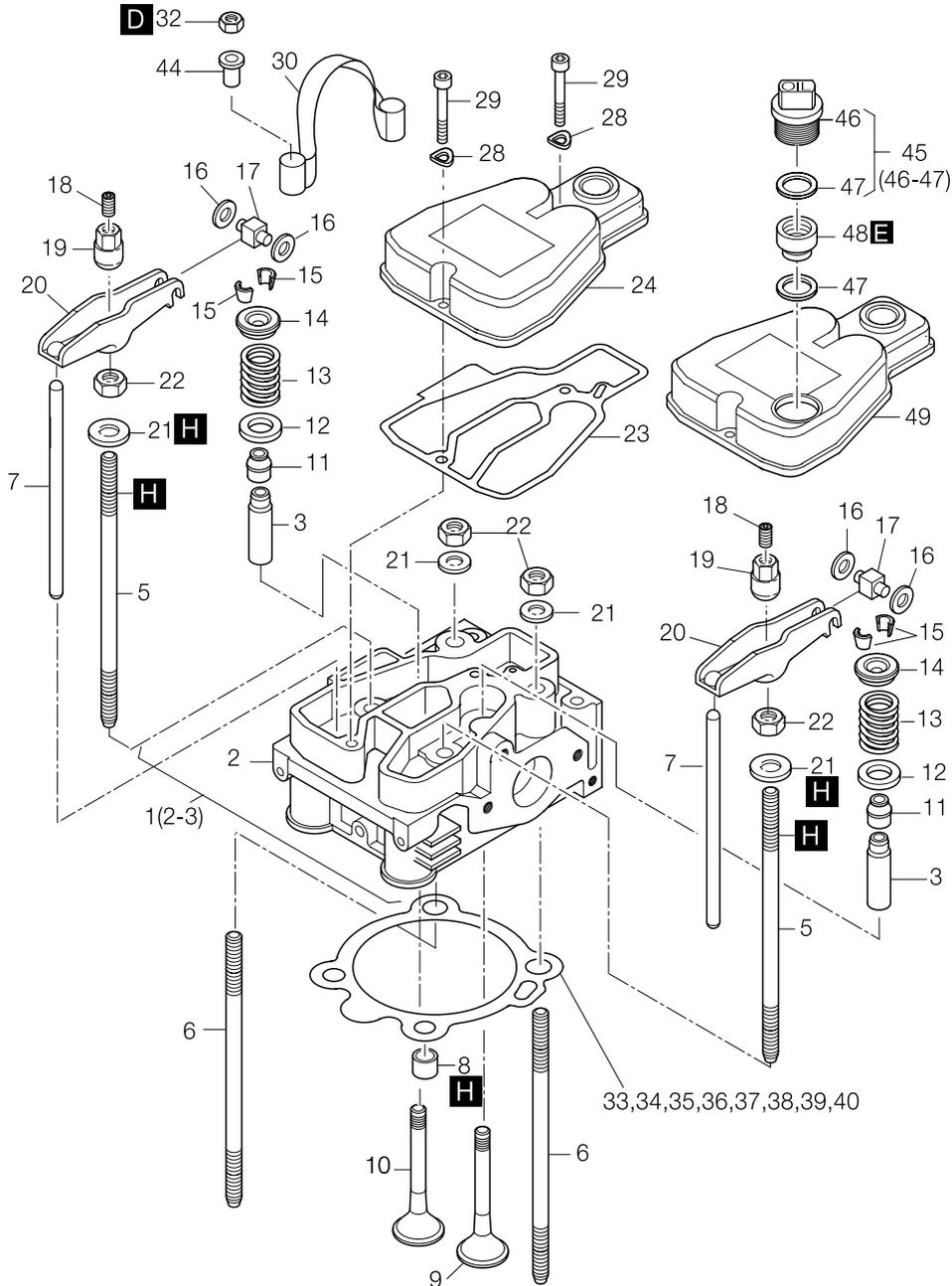


Fig.- No.	HATZ Ident-No.	Stück Qty.			P / W d / D	Bemerkungen Notes
		1B20 EPA II	1B20 NON EPA	1B27 EPA II		
1	01393500	1	1	1		
2	-----	-	-	-		
3	05119400	2	2	2		
5	05062500	2	2	-		128 mm
5	04276400	-	-	2		190 mm
6	05062500	2	2	-		128 mm
6	04276500	-	-	2		205 mm
7	05054000	2	2	2		
8	04107500	2	2	2	d2	
9	05053200	1	1	1		
10	05053300	1	1	1		
11	50425800	2	2	2	d2	
12	04093700	2	2	2		
13	04093600	2	2	2		
14	04093800	2	2	2		
15	50425700	2	2	2		
16	05240700	0.4	0.4	0.4		6 x 12 x 1,35
16	50445100	0.4	0.4	0.4		6 x 12 x 1,2 DIN 988
17	05091101	2	2	2		
18	50513100	2	2	2	W2	M 8 x 10 DIN 916 - 45 H
19	05054700	2	2	2		
20	05050902	2	2	2		
21	05061201	4	4	4		8,1 x 20 x 3
22	50364300	4	4	4		M 8 DIN 934 - 10.9 A3C
23	05055700	1	1	1	d1, W4	
24	05047321	1	1	1		
28	50081200	2	2	2		A 6 DIN 137 - A3C
29	50374900	2	2	2		M 6 x 35 DIN 912-8.8 A3C
30	04117610	1	1	1		
32	50129500	2	2	2		M 8 DIN 985-8 A3C
33	05059400	0.1	0.1	-		0,3 mm
33	04252000	0.1	0.1	-		0,35 mm
34	05059500	0.1	0.1	-		0,4 mm
34	04252100	0.1	0.1	-		0,45 mm
35	05059600	0.1	0.1	-	d1	0,5 mm
35	04245520	-	-	0.1	d1	0,5 mm
35	04252200	0.1	0.1	-		0,55 mm
36	05059700	0.1	0.1	-	d1	0,6 mm
36	04245720	-	-	0.1	d1	0,6 mm
36	04252300	0.1	0.1	-		0,65 mm
37	05059800	0.1	0.1	-	d1	0,7 mm
37	04245920	-	-	0.1	d1	0,7 mm
37	04252400	0.1	0.1	-		0,75 mm
38	05059900	0.1	0.1	-		0,8 mm
38	04246120	-	-	0.1		0,8 mm

**M07a**

Zylinderkopf - 1B20 / 27  
 Cylinder head - 1B20 / 27  
 Culasse - 1B20 / 27  
 Culata - 1B20 / 27  
 Testa - 1B20 / 27

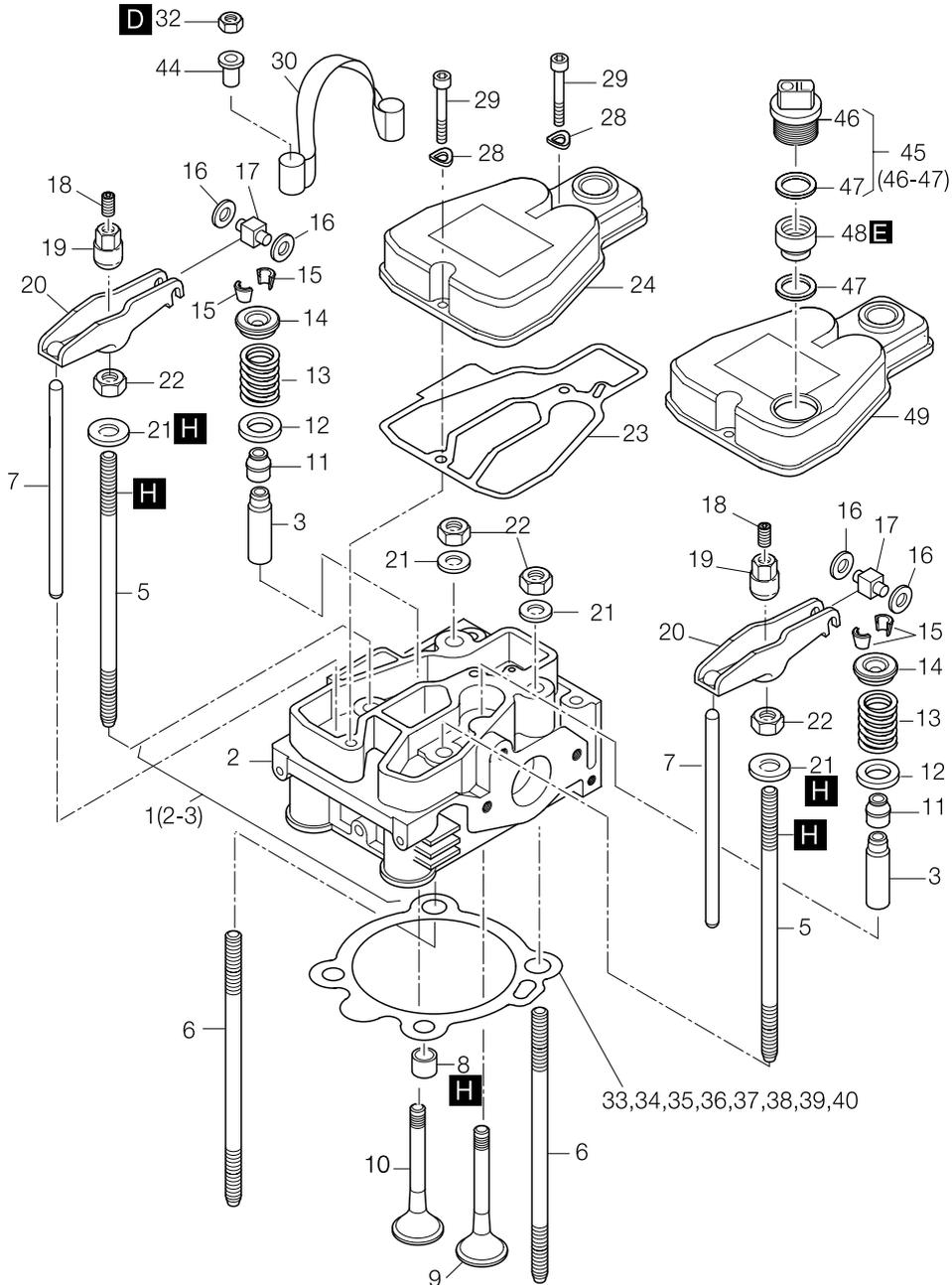


Fig.- No.	HATZ Ident-No.	Stück Qty.			P / W d / D	Bemerkungen Notes
		1B20 EPA II	1B20 NON EPA	1B27 EPA II		
38	04252500	0..1	0..1	-		0,85 mm
39	05060000	0..1	0..1	-		0,9 mm
39	04246320	-	-	0..1		0,9 mm
39	04252600	0..1	0..1	-		0,95 mm
40	05060100	0..1	0..1	-		1,0 mm
40	04246520	-	-	0..1		1,0 mm
44	50525900	2	2	2		A 10 x 0,75 x 10 DIN 7340
45	01936500	1	1	1		
46	-----	-	-	-		
47	05278401	2	2	2		26 x 35 x 4
48	05321100	1	1	1		
49	05137431	1	1	1		

M07b

Zylinderkopf - 1B30  
 Cylinder head - 1B30  
 Culasse - 1B30  
 Culata - 1B30  
 Testa - 1B30

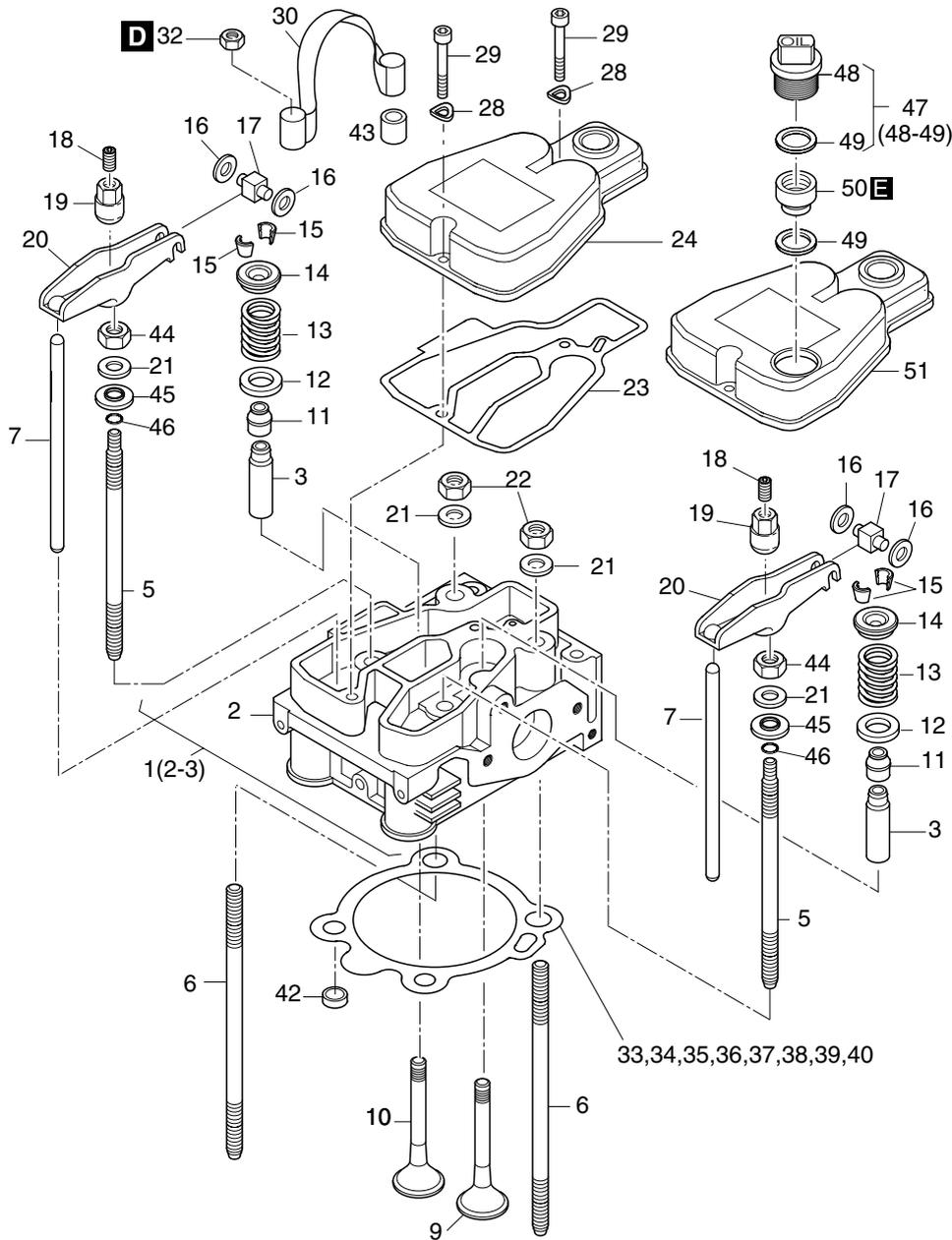


Fig.- No.	HATZ Ident-No.	Stück Qty.		P / W d / D	Bemerkungen Notes
		1B30 EPA II	1B30 NON EPA		
1	01393600	1	1		
2	-----	-	-		
3	05129500	2	2		
5	05097500	2	2		141 mm (M 10 - M 8)
6	05097400	2	2		148 mm (M 10)
7	05098900	2	2		174,8 mm
9	05093000	1	1		
10	05093100	1	1		
11	50425800	2	2	d2	
12	04093700	2	2		
13	04113500	2	2		
14	04093800	2	2		
15	50425700	2	2		
16	05240700	0.4	0.4		6 x 12 x 1,35
16	50445100	0.4	0.4		6 x 12 x 1,2 DIN 988
17	05091101	2	2		
18	50513100	2	2	W2	M 8 x 10 DIN 916 - 45 H
19	05054700	2	2		
20	05098202	2	2		
21	05099300	4	4		10,1 x 24 x 3
22	50396600	2	2		M 10 DIN 934-10 A3C
23	05093301	1	1	d1, W4	
24	05092710	1	1		
28	50081200	2	2		A 6 DIN 137 - A3C
29	50374900	2	2		M 6 x 35 DIN 912-8.8 A3C
30	04117701	1	1		
32	50023800	2	2		BM 10 DIN 439 - A3C
33	05096301	0.1	0.1		0,3 mm
34	05096401	0.1	0.1		0,4 mm
35	05096501	0.1	0.1	d1	0,5 mm
35	04248800	0.1	0.1		0,55 mm
36	05096601	0.1	0.1	d1	0,6 mm
36	04248900	0.1	0.1		0,65 mm
37	05096701	0.1	0.1	d1	0,7 mm
37	04249000	0.1	0.1		0,75 mm
38	05096801	0.1	0.1		0,8 mm
39	05096901	0.1	0.1		0,9 mm
40	05097001	0.1	0.1		1,0 mm
42	04229000	2	2		10 x 11,5 x 4,5
43	04126100	2	2		(10 x 12 x 9)
44	50396600	2	2		M 10 DIN 934-10 A3C
45	04243700	2	2		
46	50563900	2	2	d2	10x 2,5
47	01936500	1	1		
48	-----	-	-		
49	05278401	2	2		26 x 35 x 4
50	05321100	1	1		
51	05321200	1	1		

# 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

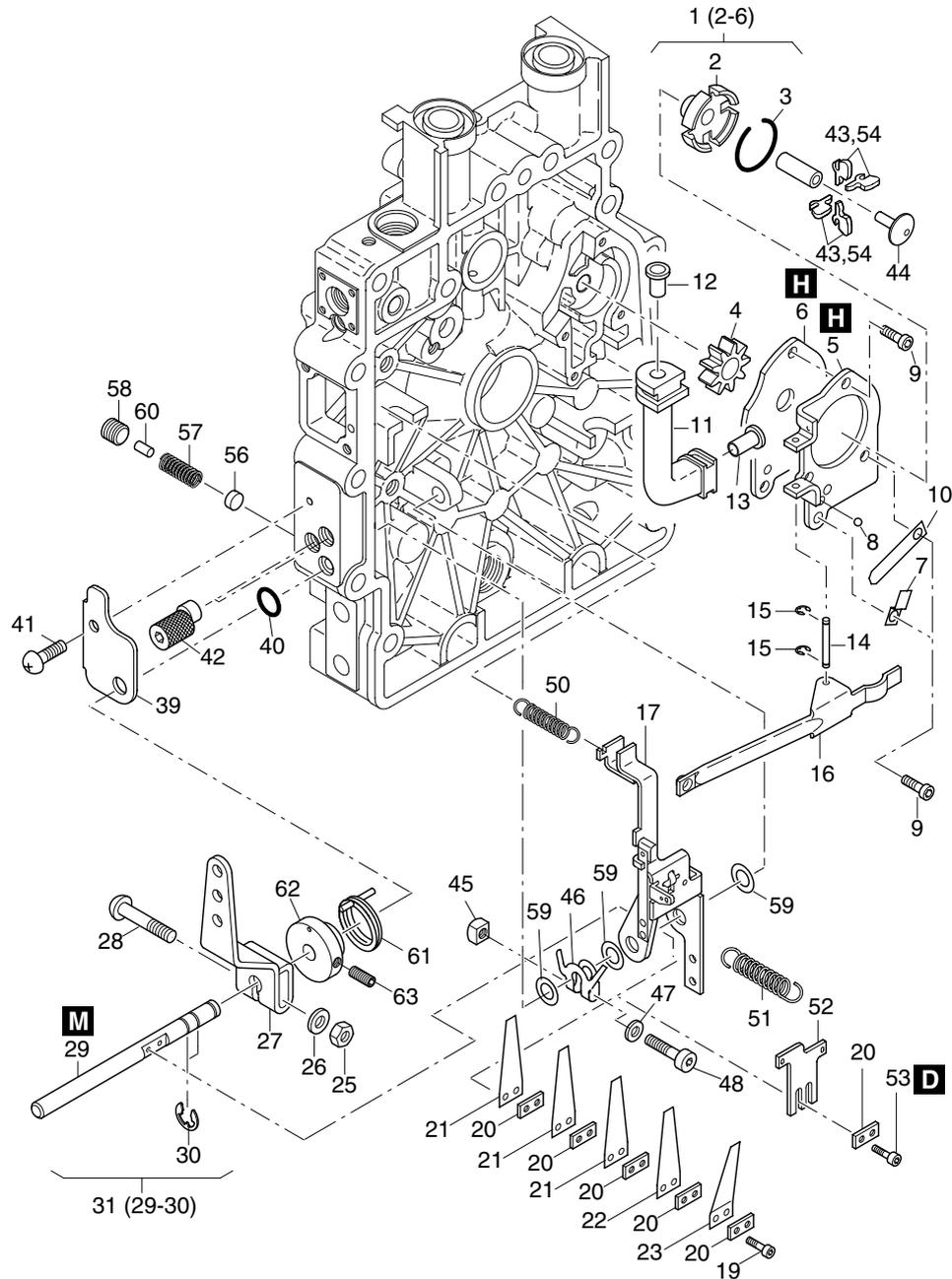


Fig.- No.	HATZ Ident-No.	Stück Qty.					P / W d / D	Bemerkungen Notes
		1B20 EPA II	1B20 NON EPA	1B27 EPA II	1B30 EPA II	1B30 NON EPA		
1	01530220	1	1	1	1	1		
2	-----	-	-	-	-	-		
3	04210910	1	1	1	1	1		
4	-----	-	-	-	-	-		
5	-----	-	-	-	-	-		
6	-----	-	-	-	-	-		
7	05097100	1	1	1	1	1		
8	50447900	1	1	1	1	1	3,5mm KL. III	
9	50429400	4	4	4	4	4	M5 x 12 DIN 6912 - 8.8	
10	05097300	1	1	1	1	1	0,4 mm	
11	04102900	1	1	1	1	1		
12	50447400	1	1	1	1	1	A8 x 0,5 x 12 DIN 7340 - St	
13	50447500	1	1	1	1	1	A10 x 0,75 x 12 DIN 7340 - St	
14	05078600	1	1	1	1	1		
15	50434800	2	2	2	2	2	1,9 DIN 6799	
16	05079401	1	1	1	1	1		
17	01530404	1	1	1	1	1		
19	50435000	2	2	2	2	2	M 3 x 12 DIN 912-8.8	
20	05079800	1...5	1...5	1...5	1...5	1...5		
21	05131600	1...2	1...2	1...2	1...3	1...3	0,2 mm Gen.-PV 78	
22	05078900	1...2	1...2	1...2	1	1	0,3 mm Gen.-PV 78	
23	05148600	1	1	1	1	1	0,4 mm 19° Gen.-PV 78	
25	50346500	1	1	1	1	1	M 6 DIN 934 - 10 A2F	
26	50144500	1	1	1	1	1	6,4 DIN 125-St A3C	
27	04095600	1	1	1	1	1		
28	03927301	1	1	1	1	1	M 6 x 32	
29	-----	-	-	-	-	-		
30	50092700	2	2	2	2	2	7 DIN 6799 A3C	
31	01981000	1	1	1	1	1		
39	05178400	1	1	1	1	1		
40	40022401	1	1	1	1	1	D1 8 x 2 FPM 75 MOLYKOT.	
41	50492300	1	1	1	1	1	M 5 x 12 ISO 7380-10.9 Zn	
42	05178810	2	2	2	2	2		
43	05079611	0.4	0.4	0.4	0.4	0.4	Gen.-PV 78 (0)	
44	05078502	1	1	1	1	1		

# 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

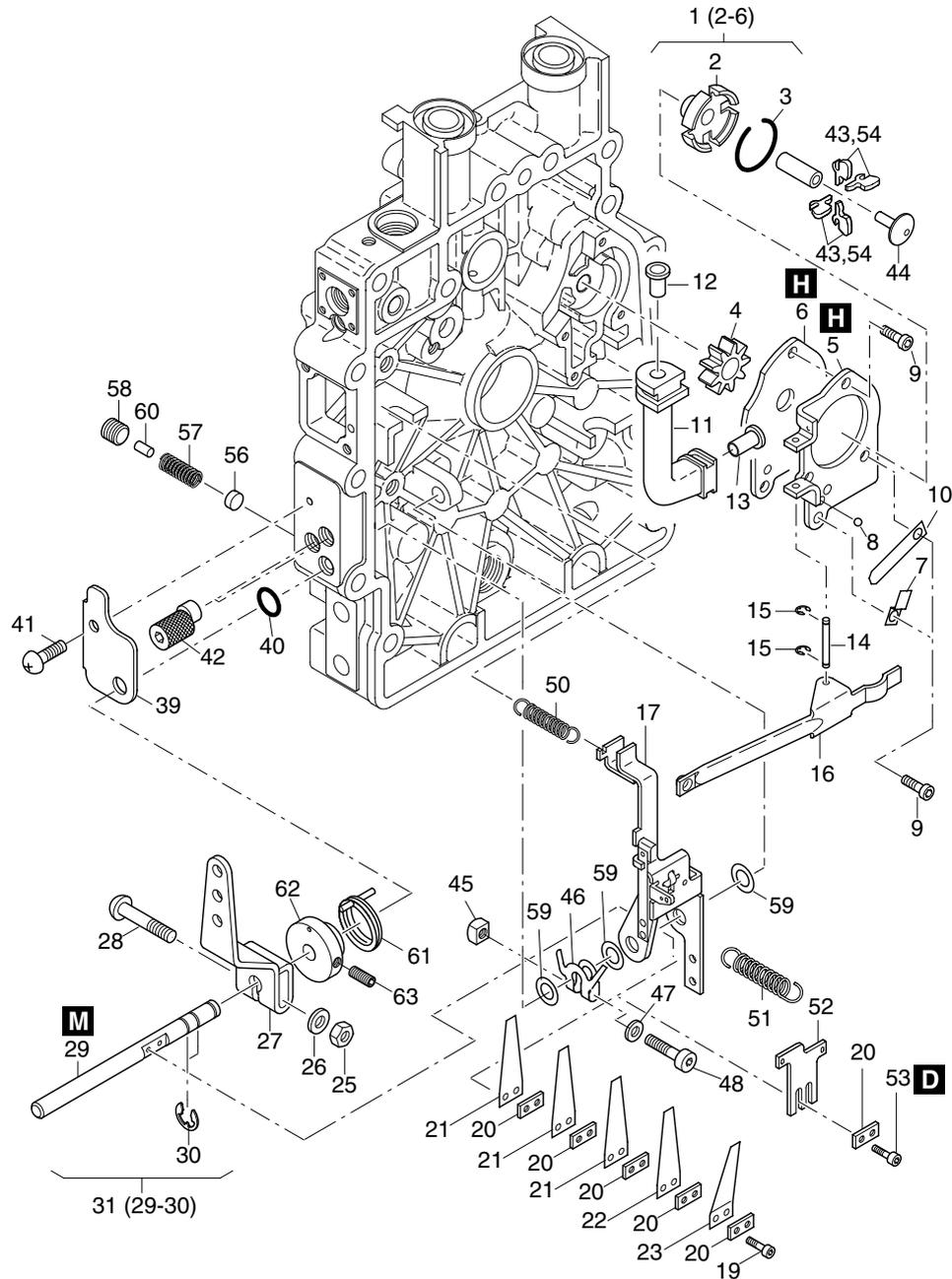


Fig.- No.	HATZ Ident-No.	Stück Qty.					P / W d / D	Bemerkungen Notes
		1B20 EPA II	1B20 NON EPA	1B27 EPA II	1B30 EPA II	1B30 NON EPA		
45	50422700	1	1	1	1	1	M 5 DIN 557-5 A3C	
46	05178500	1	1	1	1	1		
47	50216300	1	1	1	1	1	5,3 DIN 125-St A3C	
48	50492200	1	1	1	1	1	M 5 x 25 DIN 6912-8.8	
50	50563400	1	1	1	1	1		
51	05130910	0..1	0..1	0..1	0..1	0..1		
52	05130800	1	1	1	1	1		
53	50465300	2	2	2	2	2	M 3 x 8 DIN 912-8.8	
54	05160211	0..4	0..4	0..4	0..4	0..4	Gen.-PV 78 (4)	
56	05151700	0..1	0..1	0..1	0..1	0..1		
57	50488700	0..1	0..1	0..1	0..1	0..1		
58	50475700	1	1	1	1	1	M 10 x 10 DIN 913-A3C Tuf.	
59	50422400	3	3	3	3	3	8 x 14 x 1,0 DIN 988	
60	50057900	0..1	0..1	0..1	0..1	0..1	4 M 6 x 8 DIN 7-9S20K	
61	05179100	0..1	0..1	0..1	0..1	0..1		
62	05179000	0..1	0..1	0..1	0..1	0..1		
63	50400600	0..1	0..1	0..1	0..1	0..1	M 5 x 10 DIN 916-45H A3C	

M11

Steuerdeckel  
Timing cover  
Couvercle distribution  
Tapa de mando  
Coperchio distribuzione

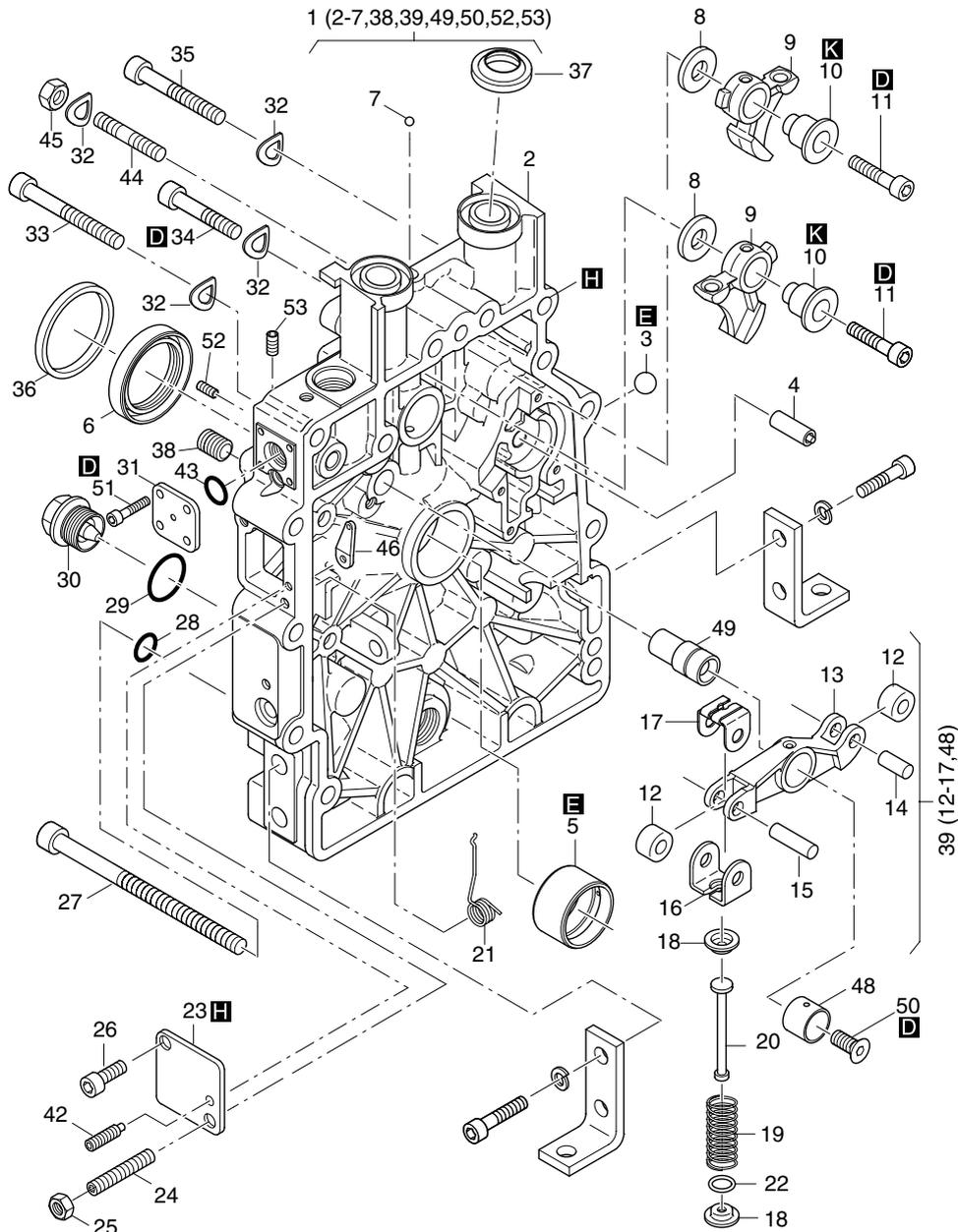


Fig.- No.	HATZ Ident-No.	Stück Qty.					P / W d / D	Bemerkungen Notes
		1B20 EPA II	1B20 NON EPA	1B27 EPA II	1B30 EPA II	1B30 NON EPA		
1	01319540	1	1	1	1	1		
2	-----	-	-	-	-	-		
3	-----	-	-	-	-	-		
4	01533900	1	1	1	1	1		
5	05053100	1	1	1	1	1		
5	04124800	1	1	1	1	1	-0,5 mm	
6	40033701	1	1	1	1	1	D1 30 x 47 x 7	
7	-----	-	-	-	-	-		
8	03794100	2	2	2	2	2	10,1 x 22 x 3	
9	05053400	2	2	2	2	2		
10	03794201	2	2	2	2	2		
11	50457900	2	2	2	2	2	M 6 x 25 DIN 912 - 10.9	
12	-----	-	-	-	-	-		
13	-----	-	-	-	-	-		
14	-----	-	-	-	-	-		
15	-----	-	-	-	-	-		
16	-----	-	-	-	-	-		
17	-----	-	-	-	-	-		
18	04094802	2	2	2	2	2		
19	04095700	1	1	1	1	1		
20	04094700	1	1	1	1	1		
21	05095210	1	1	1	1	1		
22	04133900	1	1	1	1	1	10,7 x 16 x 0,5	
23	04095210	1	1	1	1	1		
24	50448901	1	1	1	1	1	M 6 x 30 DIN 913 22 H A3C Tuf.	
25	50144400	1	1	1	1	1	M 6 DIN 934 - 8 A3C	
26	50384200	1	1	1	1	1	M 6x12 DIN 912-8.8 A3C Tuf.	
27	50426100	2	2	2	-	-	M 8 x 120 DIN 912 - 8.8 A3C	
27	50463000	-	-	-	2	2	M 8 x 130 DIN 912 - 8.8 A3C	
28	50162900	2	2	2	2	2	D2 A 8 x 14 DIN 7603 - Cu	
29	50001600	1	1	1	1	1	W4,D2 A 22 x 27 DIN 7603 Cu	
30	50373100	1	1	1	1	1	W1 AM22x1,5DIN7604A3C MAGN.	
31	01351700	1	1	1	1	1		
32	50095100	13	13	13	13	13	A 8 DIN 137 A3C	
33	50248800	1	1	1	1	1	M 8 x 60 DIN 912 - 8.8 A3C	
34	50453400	2	2	2	2	2	M 8 x 45 DIN 912 - 8.8 A3C Tuf.	
35	50392900	10	10	10	9	9	M 8 x 50 DIN 912 - 8.8 A3C	
36	04097800	1	1	1	1	1	SAE A (Zentrierring)	
37	04106501	2	2	2	2	2	d2	
38	50530600	5	5	5	5	5	M 8 x 10 DIN 913 - 45H-A3C-KL	
39	01319620	1	1	1	1	1		
42	50274901	1	1	1	1	1	M 4 x 20 DIN 915-Tuf. 360 G	
43	50329000	1	1	1	1	1	D1 9,5 x 2,5	
44	50038700	-	-	-	1	1	M 8 x 50 DIN 835 - 8.8 A3C	
45	50148000	-	-	-	1	1	M 8 DIN 934-8 A3C	

**M11**

Steuerdeckel  
Timing cover  
Couvercle distribution  
Tapa de mando  
Coperchio distribuzione

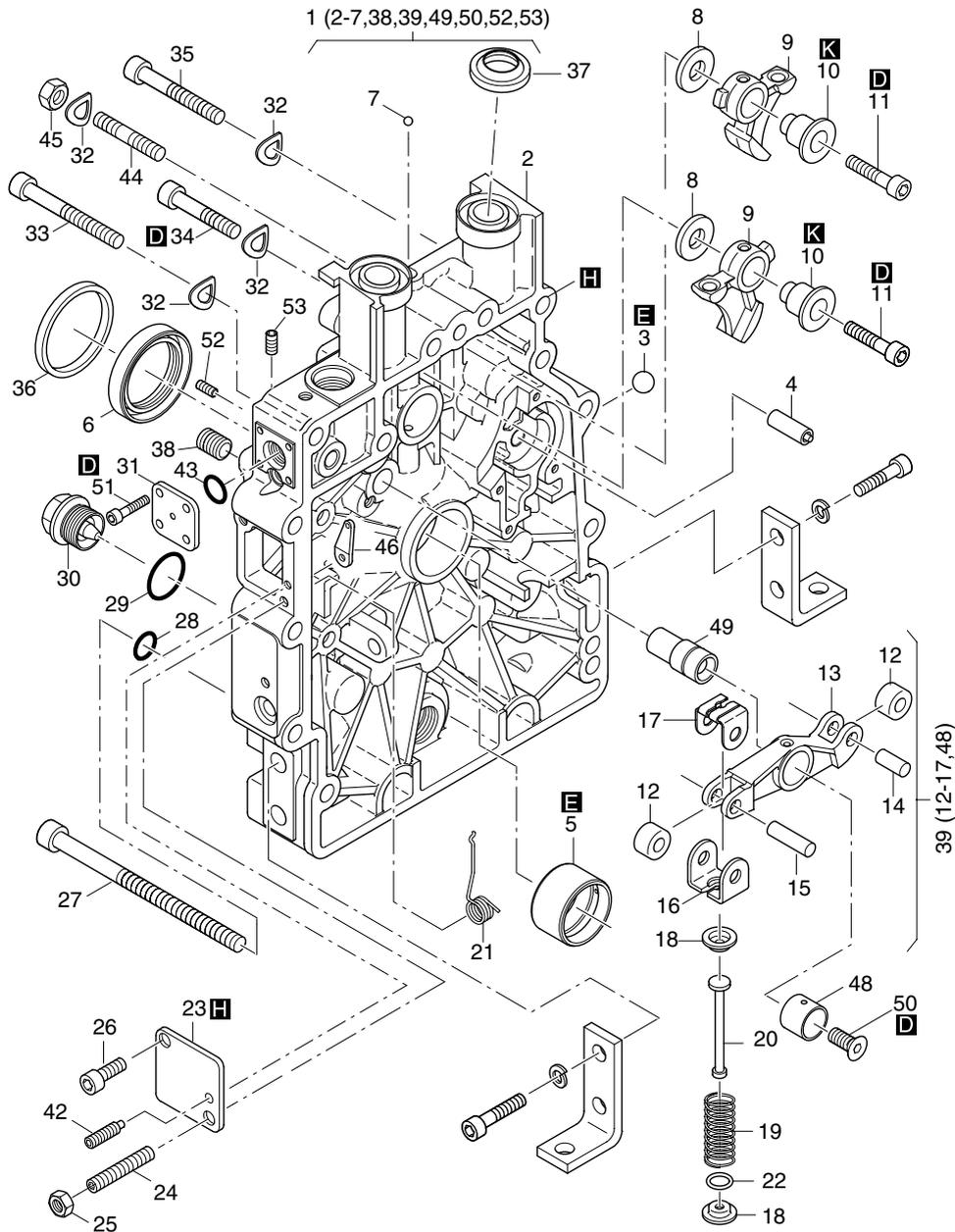


Fig.- No.	HATZ Ident-No.	Stück Qty.					P / W d / D	Bemerkungen Notes
		1B20 EPA II	1B20 NON EPA	1B27 EPA II	1B30 EPA II	1B30 NON EPA		
46	05127100	1	1	1	1	1		
48	-----	-	-	-	-	-		
49	04096830	1	1	1	1	1		
50	50445000	1	1	1	1	1	M 6 x 35 DIN 7991 - 8.8 A3C	
51	50397100	4	4	4	4	4	M 4 x 10 DIN 912-8.8 A3C Tuf.	
52	50400600	2	2	2	2	2	M 5 x 10 DIN 916-45H A3C	
53	50262400	1	1	1	1	1	M 6 x 10 DIN 916-Tuf. 360 G	

# M13, M17

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

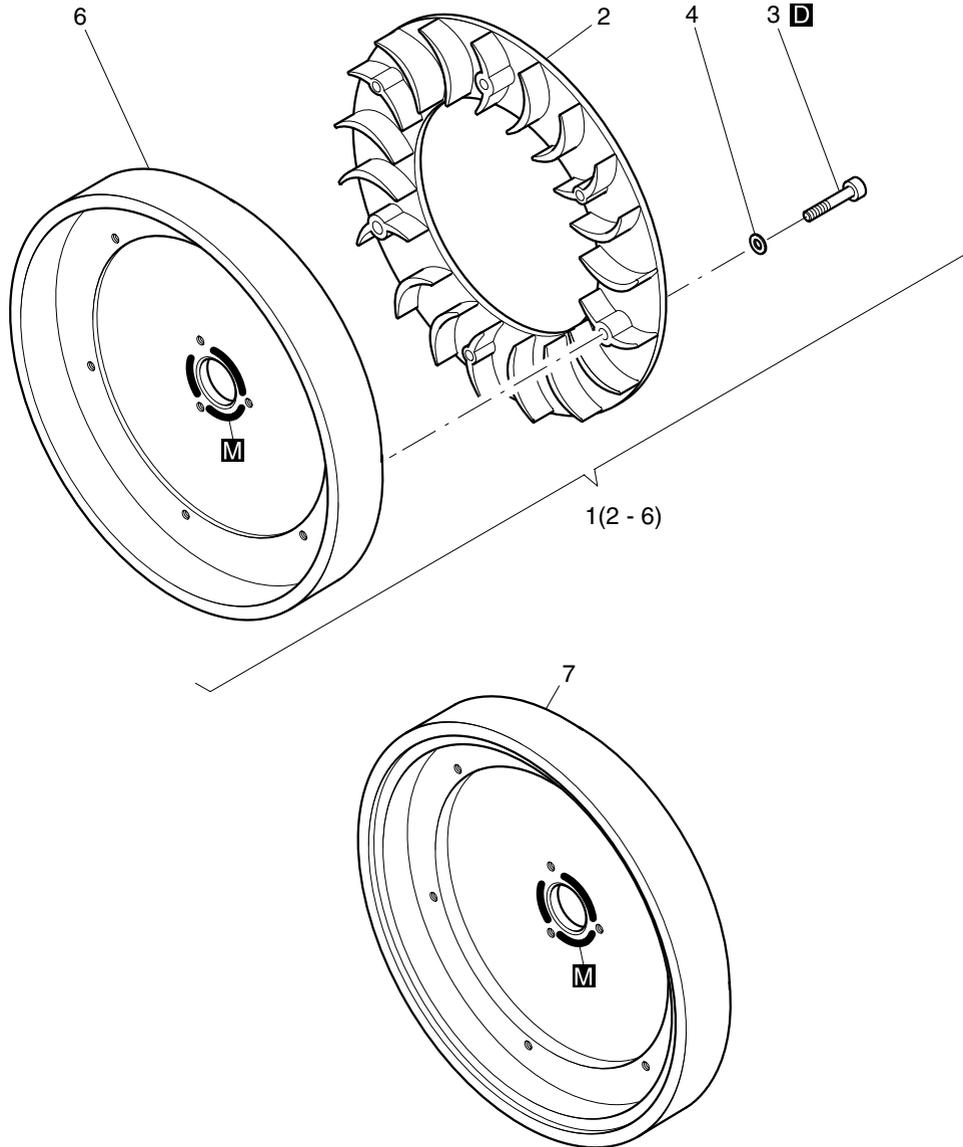


Fig.- No.	HATZ Ident-No.	Stück Qty.					P / W d / D	Bemerkungen Notes
		1B20 EPA II	1B20 NON EPA	1B27 EPA II	1B30 EPA II	1B30 NON EPA		
1	01579710	1	1	1	-	-		
2	04193700	1	1	1	-	-		
2	04193600	-	-	-	1	1		
3	50327300	6	6	6	6	6	M 4 x 20 DIN 912 - 8.8 A3C	
4	50003400	6	6	6	6	6	A 4 DIN 137 - ST	
6	05052220	1	1	1	-	-		
6	04110302	-	-	-	0..1	0..1	leicht, light, leger	
7	01397700	-	-	-	0..1	0..1	schwer, heavy, lourde	

M14

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

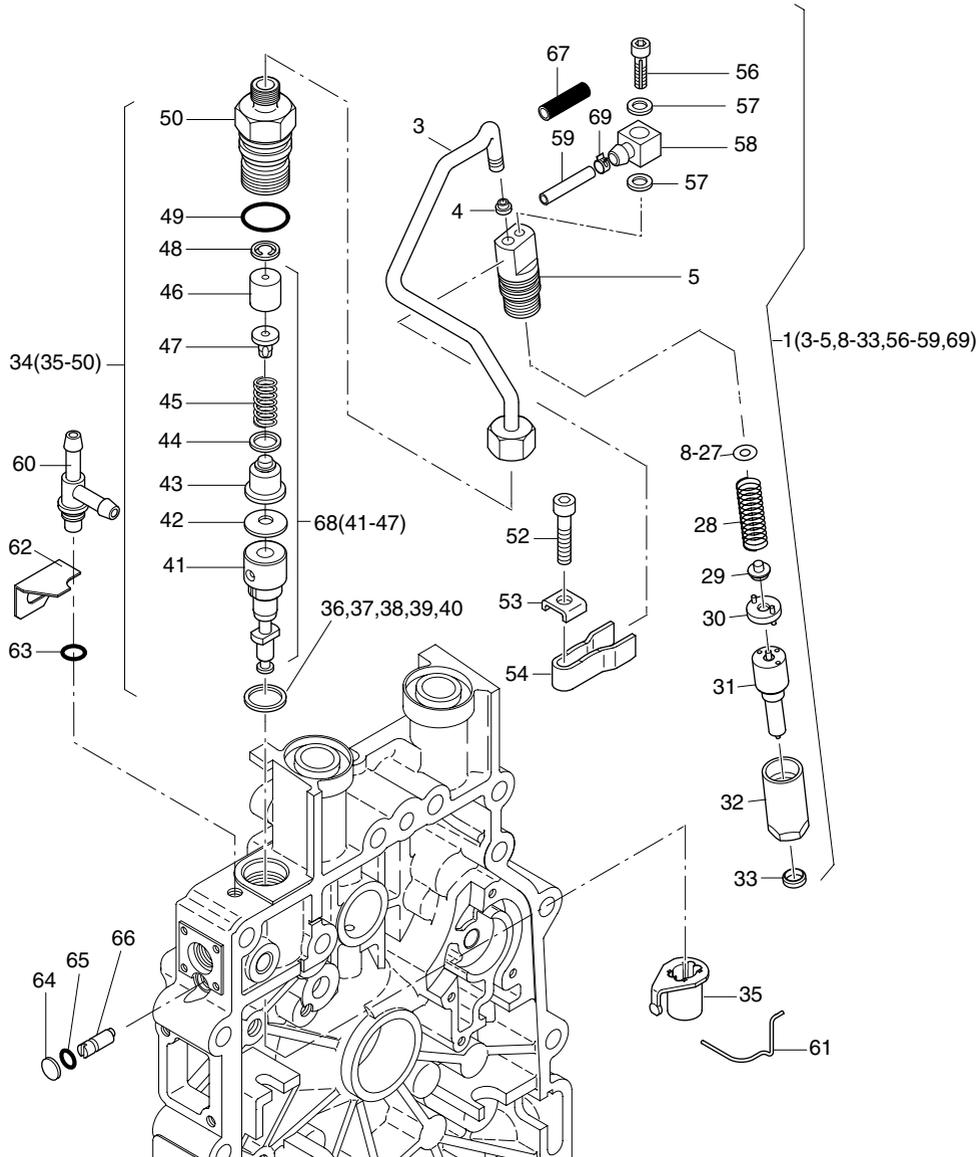


Fig.- No.	HATZ Ident-No.	Stck Qty.					P / W d / D	Bemerkungen Notes
		1B20 EPA II	1B20 NON EPA	1B27 EPA II	1B30 EPA II	1B30 NON EPA		
1	01398701	1	-	1	-	-		
1	01393801	-	1	-	-	-		
1	01389601	-	-	-	1	-		
1	01398801	-	-	-	-	1		
3	-----	-	-	-	-	-		
4	05070601	1	1	1	1	1	5,3 mm s. 95125802	
5	-----	-	-	-	-	-		
8	50436400	0..1	0..1	0..1	0 ...1	0 ...1	1,00 mm	
9	50436500	0..1	0..1	0..1	0 ...1	0 ...1	1,04 mm	
10	50436600	0..1	0..1	0..1	0 ...1	0 ...1	1,10 mm	
11	50436700	0..1	0..1	0..1	0 ...1	0 ...1	1,14 mm	
12	50436800	0..1	0..1	0..1	0 ...1	0 ...1	1,20 mm	
13	50436900	0..1	0..1	0..1	0 ...1	0 ...1	1,24 mm	
14	50437000	0..1	0..1	0..1	0 ...1	0 ...1	1,30 mm	
15	50437100	0..1	0..1	0..1	0 ...1	0 ...1	1,34 mm	
16	50437200	0..1	0..1	0..1	0 ...1	0 ...1	1,40 mm	
17	50437300	0..1	0..1	0..1	0 ...1	0 ...1	1,44 mm	
18	50437400	0..1	0..1	0..1	0 ...1	0 ...1	1,50 mm	
19	50437500	0..1	0..1	0..1	0 ...1	0 ...1	1,54 mm	
20	50437600	0..1	0..1	0..1	0 ...1	0 ...1	1,60 mm	
21	50437700	0..1	0..1	0..1	0 ...1	0 ...1	1,64 mm	
22	50437800	0..1	0..1	0..1	0 ...1	0 ...1	1,70 mm	
23	50437900	0..1	0..1	0..1	0 ...1	0 ...1	1,74 mm	
24	50438000	0..1	0..1	0..1	0 ...1	0 ...1	1,80 mm	
25	50438100	0..1	0..1	0..1	0 ...1	0 ...1	1,84 mm	
26	50438200	0..1	0..1	0..1	0 ...1	0 ...1	1,90 mm	
27	50438300	0..1	0..1	0..1	0 ...1	0 ...1	1,94 mm	
28	-----	-	-	-	-	-		
29	-----	-	-	-	-	-		
30	-----	-	-	-	-	-		
31	50576500	1	-	1	-	-	P1	
31	50572400	-	1	-	-	-	P1	
31	50566700	-	-	-	1	-	P1	
31	50576700	-	-	-	-	1	P1	
32	-----	-	-	-	-	-		
33	05070500	1	1	1	1	1	d1	
34	01322230	1	1	-	-	-		
34	01980400	-	-	1	-	-		
34	01582910	-	-	-	1	1		
35	01330801	1	1	1	1	1		
36	04096300	0..1	0..1	0..1	0 ...1	0 ...1	0,2 mm	
37	04096400	0..1	0..1	0..1	0 ...1	0 ...1	0,3 mm	
38	04096500	0..1	0..1	0..1	0 ...1	0 ...1	0,4 mm	
39	04096600	0..1	0..1	0..1	0 ...1	0 ...1	0,5 mm	
40	04096700	0..1	0..1	0..1	0 ...1	0 ...1	0,6 mm	

M14

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

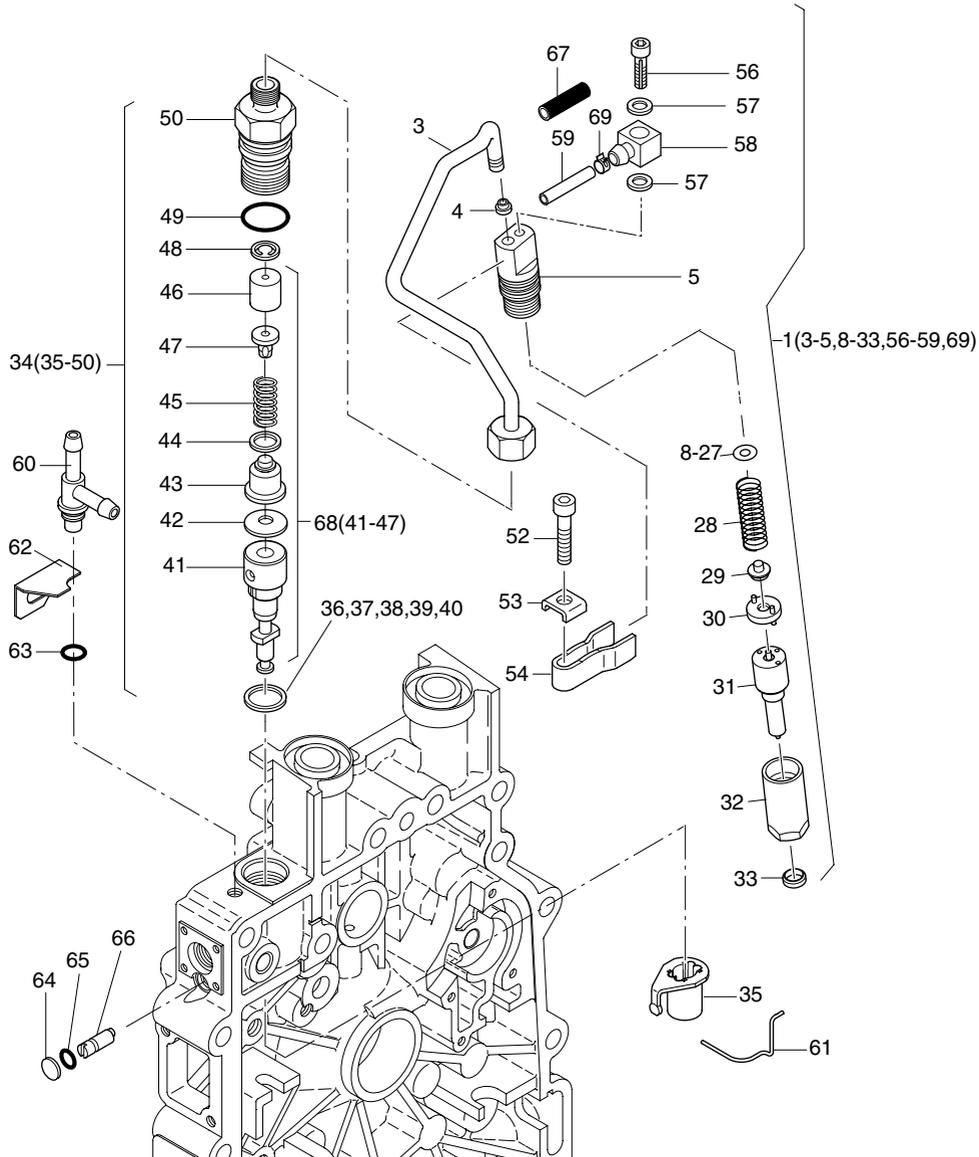


Fig.- No.	HATZ Ident-No.	Stck Qty.					P / W d / D	Bemerkungen Notes
		1B20 EPA II	1B20 NON EPA	1B27 EPA II	1B30 EPA II	1B30 NON EPA		
41	-----	-	-	-	-	-		
42	04165200	1	1	1	1	1	8	
43	-----	-	-	-	-	-		
44	50476900	1	1	1	1	1	9,5 x 13 x 0,5	
45	-----	-	-	-	-	-		
46	-----	-	-	-	-	-		
47	-----	-	-	-	-	-		
48	05180800	1	1	1	1	1		
49	50489200	1	1	1	1	1	D1 17 x 2	
50	05181100	1	1	1	1	1		
52	50323900	1	1	1	1	1	M 6 x 30 DIN 912-8.8 A3C	
53	05089300	1	1	1	1	1	6,4	
54	05056700	1	1	1	1	1		
56	05299001	1	1	1	1	1	M 4 x 16	
57	50110800	2	2	2	2	2	A4 x 8 DIN 7603-Cu	
58	05129000	1	1	1	1	1		
59	05215001	1	1	1	1	1	2,5 x 195	
60	01756800	1	1	1	1	1		
61	04161800	1	1	1	1	1		
62	05183100	1	1	1	1	1		
63	50154300	1	1	1	1	1	D1 7,5 x 1,5	
64	50476000	1	1	1	1	1	8 DIN 470 Al	
65	50330100	1	1	1	1	1	4 x 1,2	
66	04097710	1	1	1	1	1		
67	05267900	1	1	1	1	1	120 mm	
68	01828320	1	1	-	-	-		
68	01980500	-	-	1	-	-		
68	01828410	-	-	-	1	1		
69	50577900	1	1	1	1	1	6	

M15

Reversierstarter  
 Recoil starter  
 Demarreur reversible  
 Arrancador reversible  
 Avviamento a strappo

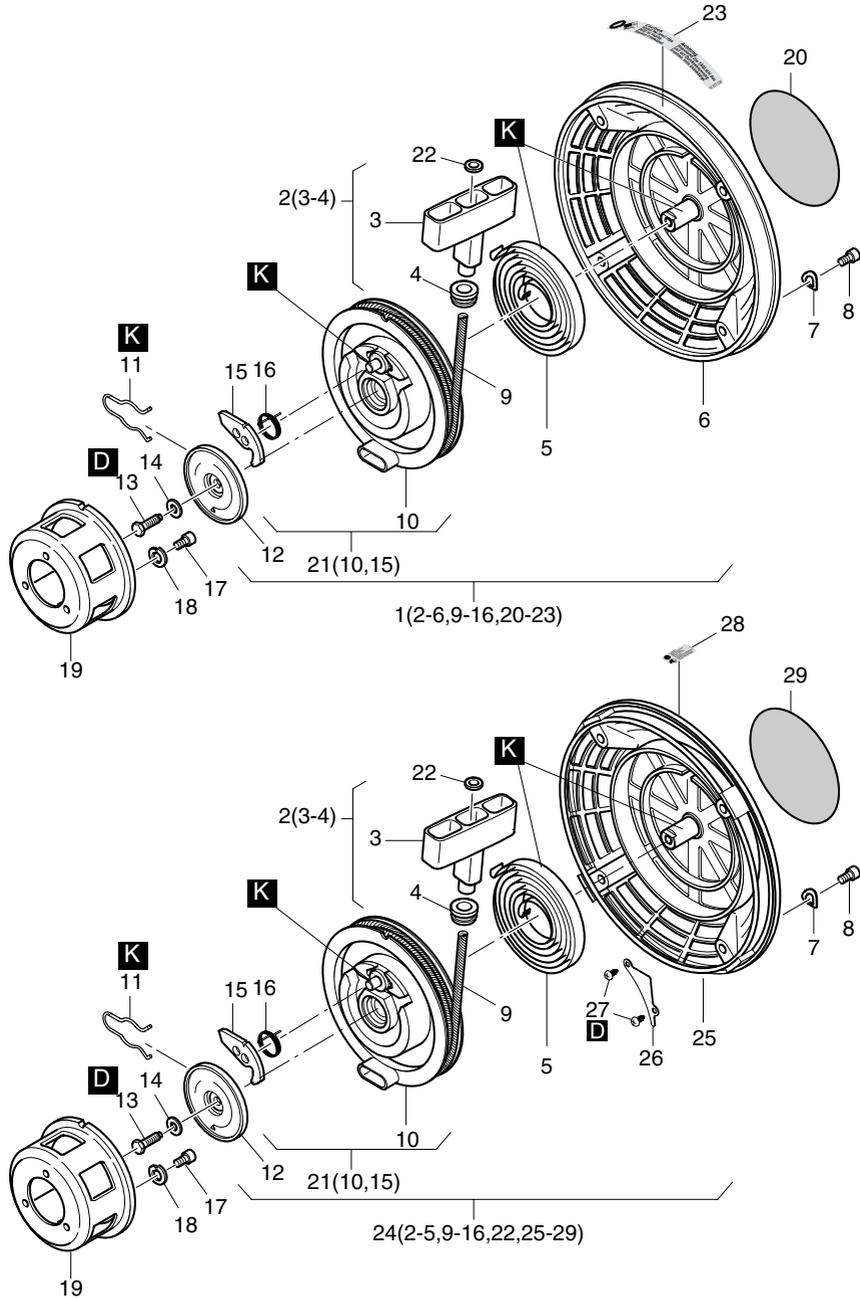


Fig.- No.	HATZ Ident-No.	Stück Qty.					P / W d / D	Bemerkungen Notes
		1B20 EPA II	1B20 NON EPA	1B27 EPA II	1B30 EPA II	1B30 NON EPA		
1	01865200	1	1	1	1	1		
2	01497800	1	1	1	1	1		
3	-----	-	-	-	-	-		
4	03665200	1	1	1	1	1		
5	05045202	1	1	1	1	1		
6	01569300	1	1	1	1	1		
7	50081200	4	4	4	4	4	A 6 DIN 137 - A3C	
8	50062700	4	4	4	4	4	M 6 x 10 DIN 912 - 8.8 A3C	
9	01929000	1	1	1	1	1	2040 mm	
10	-----	-	-	-	-	-		
11	05044901	1	1	1	1	1		
12	05045001	1	1	1	1	1		
13	50146300	1	1	1	1	1	M 6 x 18 DIN 933-8.8 A3C	
14	50390701	1	1	1	1	1	6 DIN 6796 - 6 - FST ZN	
15	05044800	1	1	1	1	1		
16	05061300	1	1	1	1	1		
17	50062700	3	3	3	3	3	M 6 x 10 DIN 912 - 8.8 A3C	
18	50170900	3	3	3	3	3	6 DIN 128 - A3C	
19	04155000	1	1	1	1	1		
20	05109101	1	1	1	1	1		
21	01548800	1	1	1	1	1		
22	50514600	1	1	1	1	1	5,3 DIN 9021 PA 6.6	
23	05333800	1	1	1	1	1		
24	01887201	-	-	-	0..1	0..1	"SILENT"	
25	01939900	-	-	-	0..1	0..1	"SILENT"	
26	05312000	-	-	-	0..1	0..1	"SILENT"	
27	50334900	-	-	-	0..2	0..2	B 4,2 x 9,5 DIN 7981 A3C	
28	05333900	-	-	-	0..1	0..1	"SILENT"	
29	05309700	-	-	-	0..1	0..1	"SILENT"	

**M26a**

Luftführung - 1B20 / 27  
 Air ducting - 1B20 / 27  
 Carter ventilation - 1B20 / 27  
 Conducción de aire - 1B20 / 27  
 Carter ventilatore - 1B20 / 27

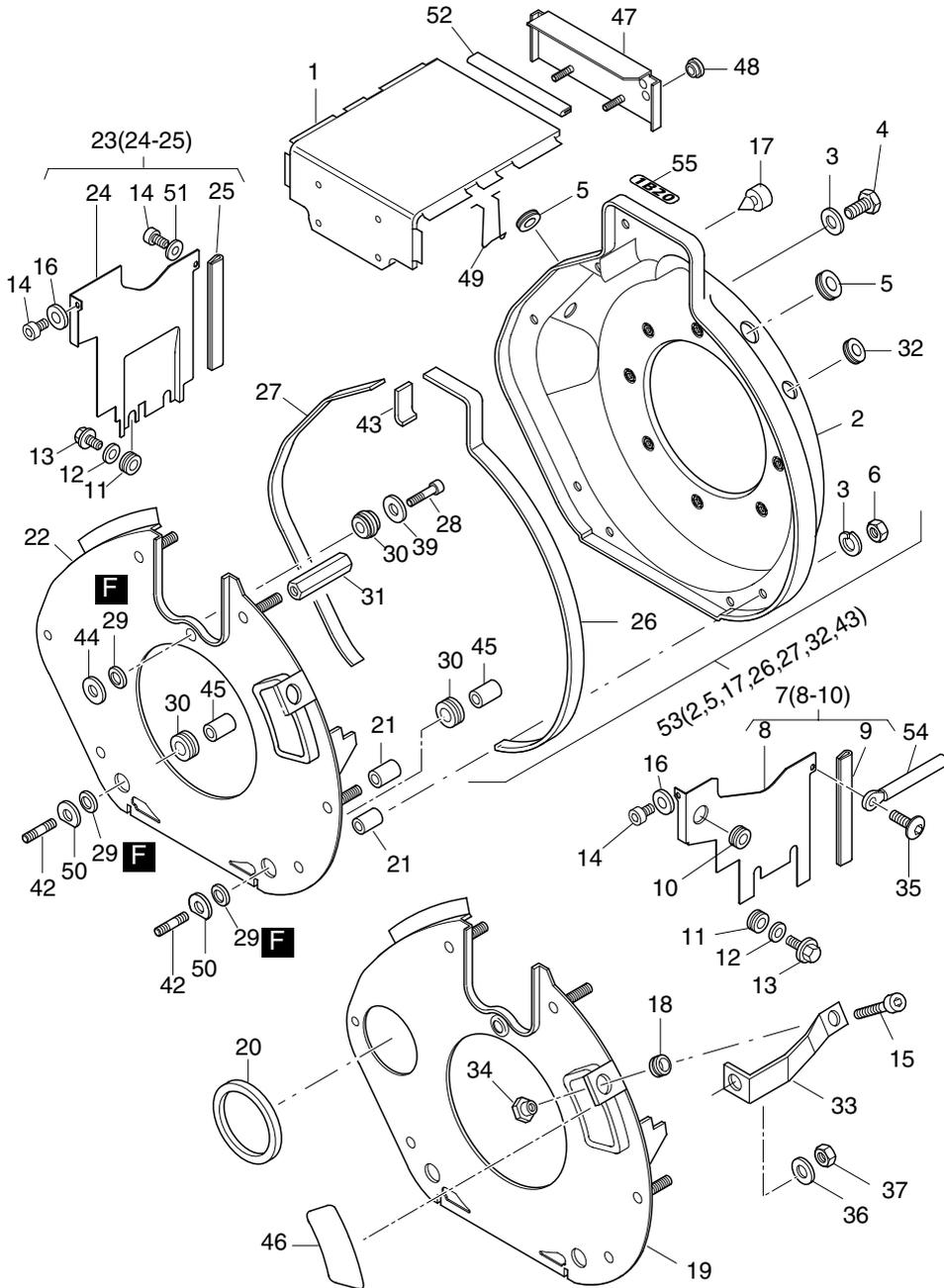


Fig.- No.	HATZ Ident-No.	Stück Qty.			P / W d / D	Bemerkungen Notes
		1B20 EPA II	1B20 NON EPA	1B27 EPA II		
1	01533504	1	1	1		
2	-----	-	-	-		
3	50170900	7	7	7		6 DIN 128 - A3C
4	50146300	1	1	1		M 6 x 18 DIN 933-8.8 A3C
5	50461700	2	2	2		
6	50144400	6	6	6		M 6 DIN 934 - 8 A3C
7	01316600	1	1	1		
8	-----	-	-	-		
9	04097600	1	1	1		107 mm
10	50334800	1	1	1		
11	50163801	4	4	4		
12	50441600	3	3	3		4,3 DIN 9021 - A3C 140HV
13	50445401	3	3	3		M 4 x 10 ST A3C
14	50528100	3	3	3		M6x16DIN6912-8.8A3C KL360G
15	50170700	1	1	1		M 6 x 16 DIN 912-8.8 A3C
16	50144500	2	2	2		6,4 DIN 125-St A3C
17	50392610	0..2	0..2	0..2		
18	50392800	1	1	1		
19	01607011	1	1	1		E-Start
20	04099500	1	1	1		
21	04139000	5	5	5		6,5 x 12 x 18
22	01607111	1	1	1		
23	01316500	1	1	1		
24	-----	-	-	-		
25	04097600	1	1	1		107 mm
26	04124500	1	1	1		470 mm
27	04124600	1	1	1		388 mm
28	50170800	1	1	-		M 6 x 25 DIN 912 - 8.8 A3C
28	50459700	-	-	1		M 6 x 25 DIN 912-8.8 A3C Tuf.
29	03575500	3	3	3		
30	01378300	3	3	3		
31	04124400	1	1	1		57 mm

**M26a**

Luftführung - 1B20 / 27  
 Air ducting - 1B20 / 27  
 Carter ventilation - 1B20 / 27  
 Conducción de aire - 1B20 / 27  
 Carter ventilatore - 1B20 / 27

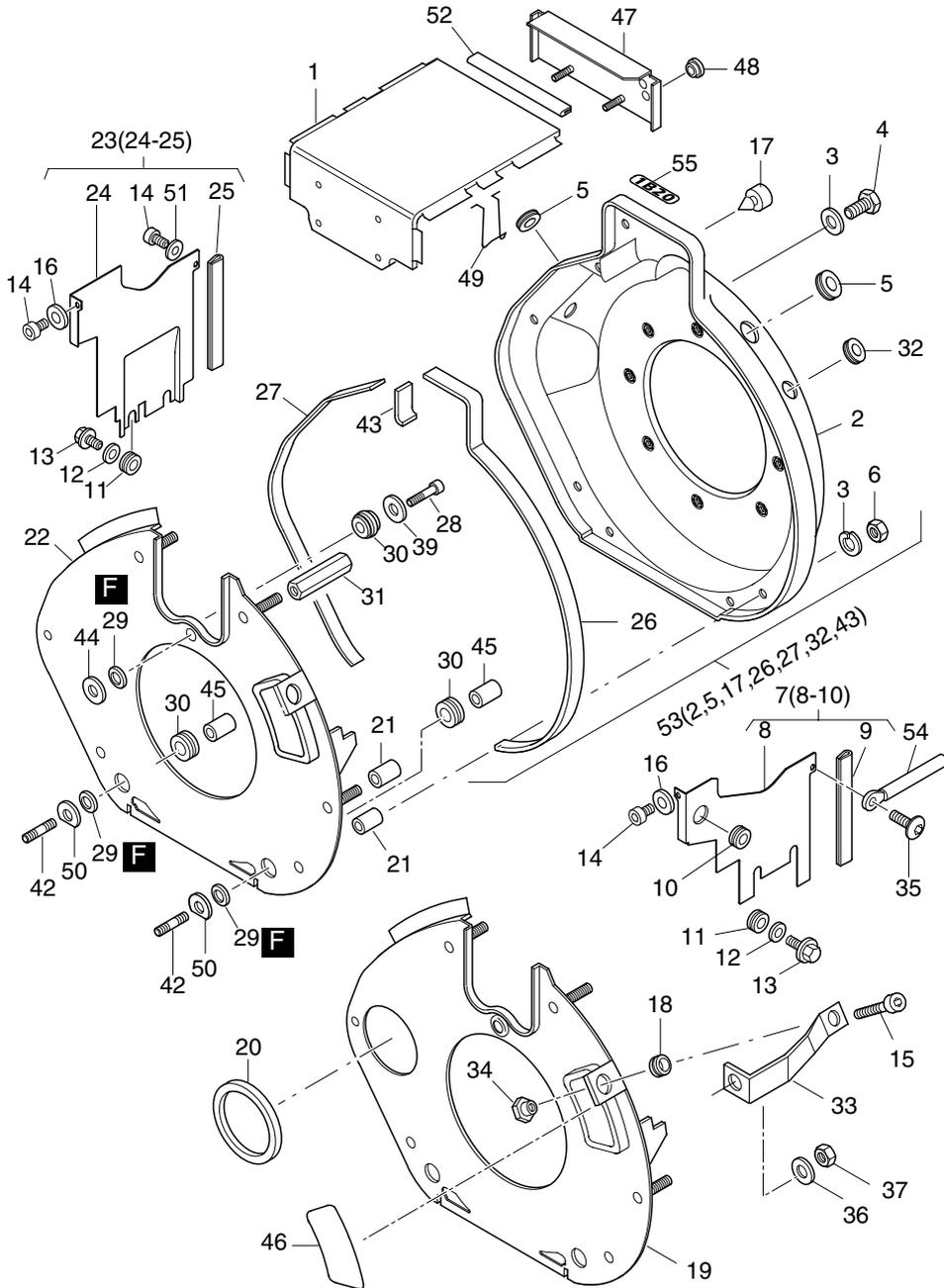


Fig.- No.	HATZ Ident-No.	Stück Qty.			P / W d / D	Bemerkungen Notes
		1B20 EPA II	1B20 NON EPA	1B27 EPA II		
32	50453300	1	1	1		
33	01599500	1	1	1		
34	04123200	1	1	1		M 6
35	50495000	1	1	1		M 6 x 12 DIN 7380-10.9 A3C
36	50095100	1	1	1		A 8 DIN 137 A3C
37	50344700	1	1	1		M 8 DIN 936 - 5 A3C
39	50170900	1	1	1		6 DIN 128 - A3C
42	50458100	2	2	2		M 6 x 45 DIN 835 - 8.8 A3C
43	05007300	1	1	1		48 mm
44	04042000	1	1	1		6,5 x 22,5 x 1
45	04139000	2	2	2		6,5 x 12 x 18
46	04215100	0..1	0..1	0..1		
47	01579300	1	1	1		
48	50334800	2	2	2		
49	05144100	1	1	1		
50	04145300	2	2	2		
51	04060600	1	1	1		6,4 x 16 x 1,5 A3C
52	05143400	1	1	1		106mm
53	01831100	1	1	1		
54	05001200	1	1	1		
55	05313900	1	1	-		1B20
55	05314000	-	-	1		1B27

**M26b**

Luftführung - 1B30  
 Air ducting - 1B30  
 Carter ventilation - 1B30  
 Conducción de aire - 1B30  
 Carter ventilatore - 1B30

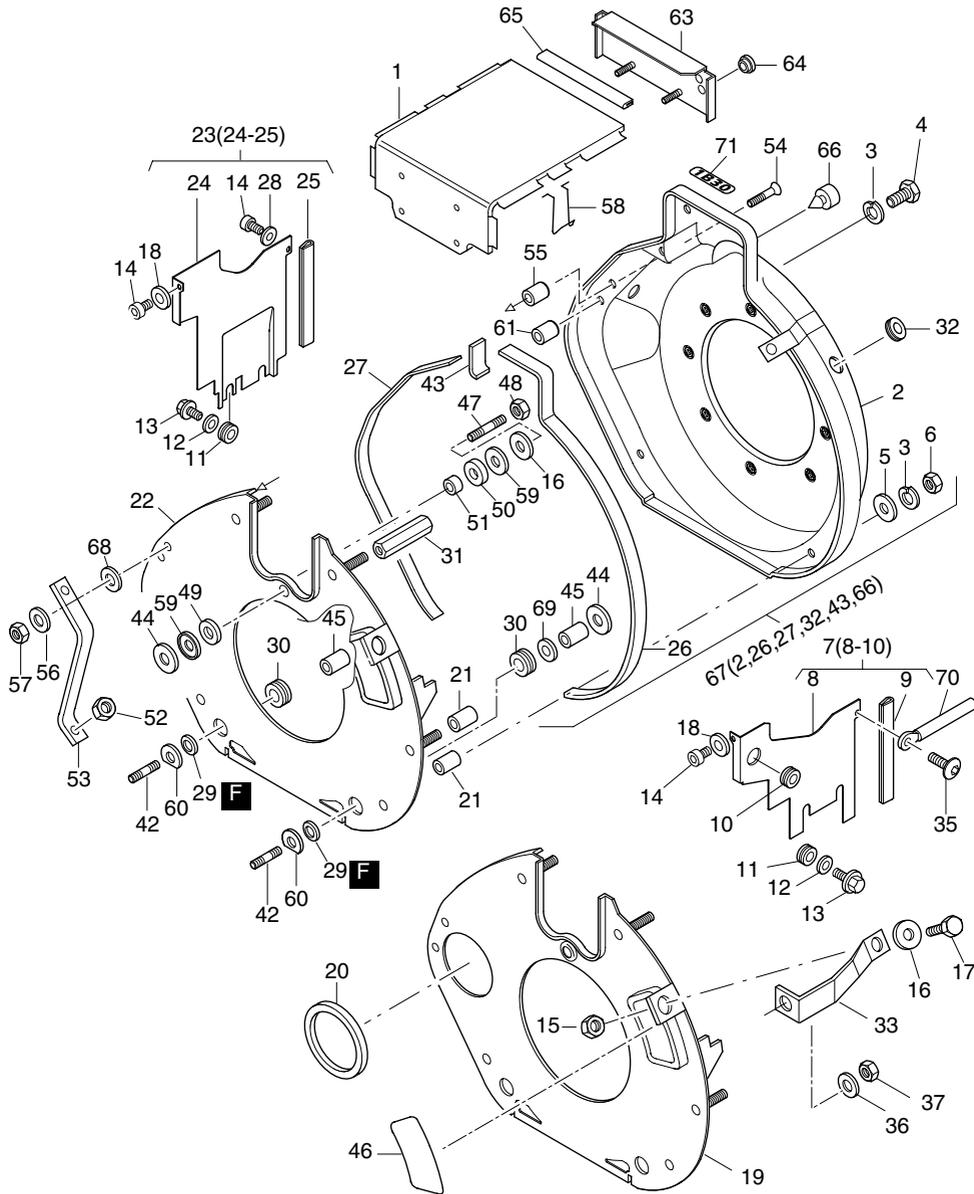


Fig.- No.	HATZ Ident-No.	Stück Qty.		P / W d / D	Bemerkungen Notes
		1B30 EPA II	1B30 NON EPA		
1	01551401	1	1		
2	-----	-	-		
3	50170900	7	7		6 DIN 128 - A3C
4	50146300	1	1		M 6 x 18 DIN 933-8.8 A3C
5	50120000	2	2		A 6,4 DIN 9021-St A3C
6	50144400	6	6		M 6 DIN 934 - 8 A3C
7	01326300	1	1		
8	-----	-	-		
9	05128900	1	1		80 mm
10	50334800	1	1		
11	50163801	3	3		
12	50441600	3	3		4,3 DIN 9021 - A3C 140HV
13	50445401	3	3		M 4 x 10 ST A3C
14	50528100	3	3		M6x16DIN6912-8.8A3C KL360G
15	50144400	1	1		M 6 DIN 934 - 8 A3C
16	50114300	2	2		6,4 x 17 x 3 DIN 7349 A3C
17	50177100	1	1		M 6 x 16 DIN 933-8.8 A3C
18	50144500	2	2		6,4 DIN 125-St A3C
19	01326810	1	1		E-Start
20	04099500	1	1		
21	05197500	4	4		6,5 x 12 x 20
22	01326710	1	1		
23	01326200	1	1		
24	-----	-	-		
25	04111500	1	1		119 mm
26	05108100	1	1		495 mm
27	04124600	1	1		388 mm
28	04060600	1	1		6,4 x 16 x 1,5 A3C
29	03575500	2	2		
30	01378300	2	2		
31	05198100	1	1		59 mm
32	50453300	1	1		
33	01599610	1	1		
35	50495000	1	1		M 6 x 12 DIN 7380-10.9 A3C
36	50095100	1	1		A 8 DIN 137 A3C
37	50344700	1	1		M 8 DIN 936 - 5 A3C

**M26b**

Luftführung - 1B30  
 Air ducting - 1B30  
 Carter ventilation - 1B30  
 Conducción de aire - 1B30  
 Carter ventilatore - 1B30

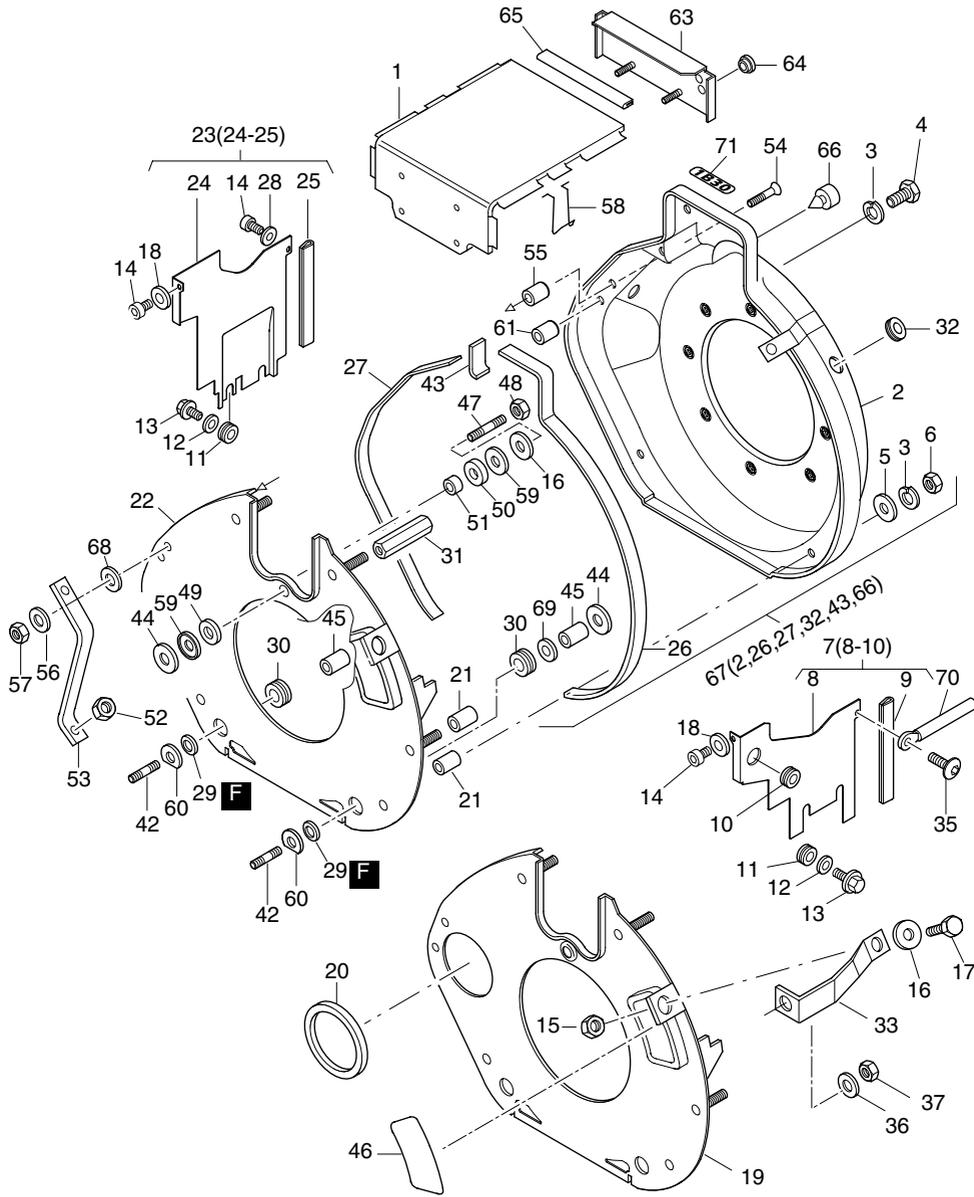


Fig.- No.	HATZ Ident-No.	Stück Qty.		P / W d / D	Bemerkungen Notes
		1B30 EPA II	1B30 NON EPA		
42	50458100	2	2		M 6 x 45 DIN 835 - 8.8 A3C
43	05198200	1	1		48 mm
44	04042000	3	3		6,5 x 22,5 x 1
45	04098400	2	2		7 x 12 x 16,3
46	04215000	0..1	0..1		
47	50464401	1	1		M 6 x 35 DIN 939- 8.8 A3C Tuf.
48	50328300	1	1		VM 6 DIN 980-8 A3C
49	05133800	1	1		16 x 25 x 4
50	05133900	1	1		16 x 25 x 8
51	05132700	1	1		6,5 x 17 x 11,5
52	50148000	1	1		M 8 DIN 934-8 A3C
53	05133001	1	1		
54	50445000	1	1		M 6 x 35 DIN 7991 - 8.8 A3C
55	05132810	1	1		7 x 12 x 18,3
56	50170900	1	1		6 DIN 128 - A3C
57	50144400	1	1		M 6 DIN 934 - 8 A3C
58	05145800	1	1		
59	05097600	2	2		8,5 - 27
60	04145300	2	2		
61	04139000	1	1		6,5 x 12 x 18
63	01603500	1	1		
64	50334800	2	2		
65	05219000	1	1		118mm
66	50392610	0..4	0..4		
67	01831200	1	1		
68	50120000	0..1	0..1		A 6,4 DIN 9021-St A3C
69	50144500	0..2	0..2		6,4 DIN 125-St A3C
70	05001200	1	1		
71	05314100	1	1		1B30

**M31**

Kurbelgehäuseentlüftung  
 Crankcase breathing system  
 Reniflard  
 Purgador  
 Sfiato basamento

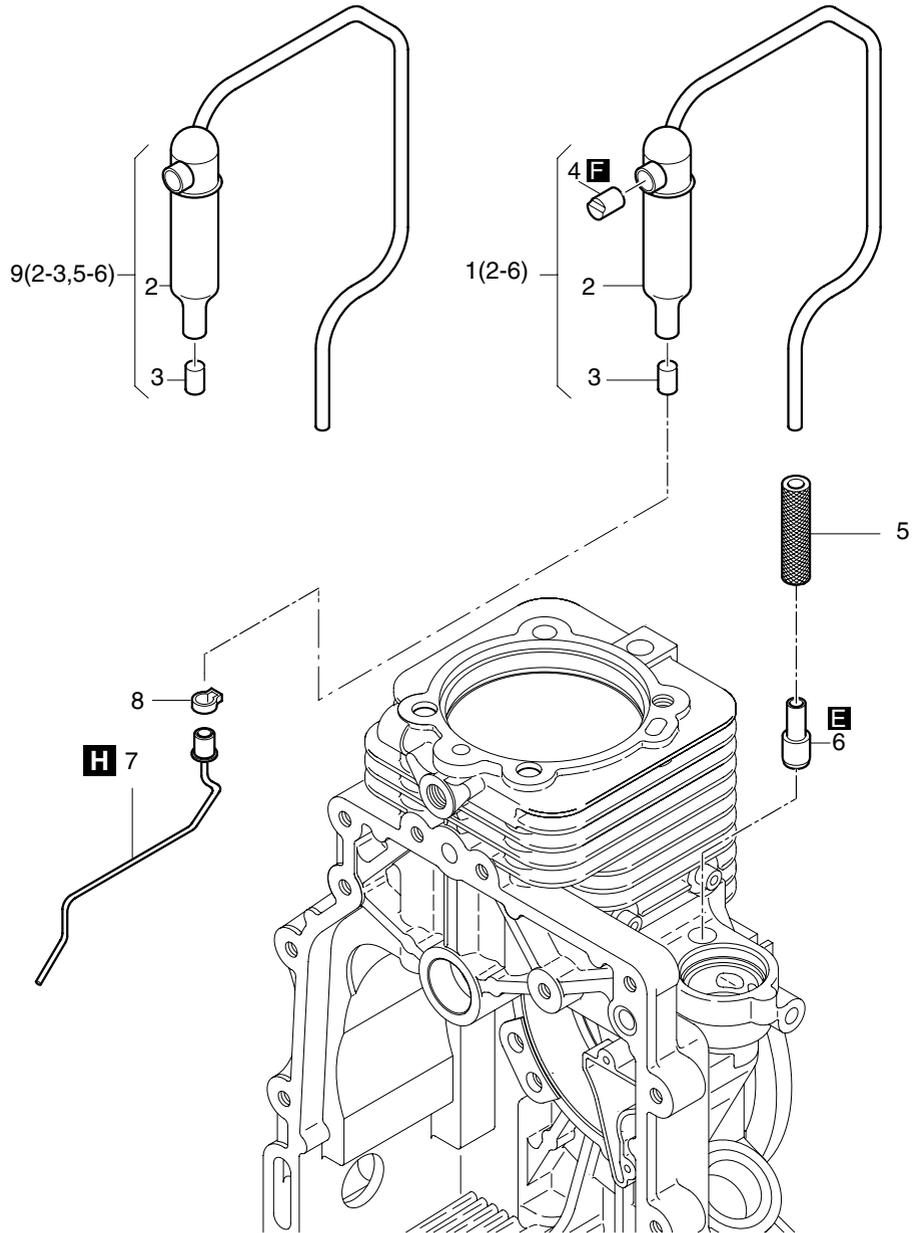


Fig.- No.	HATZ Ident-No.	Stück Qty.					P / W d / D	Bemerkungen Notes
		1B20 EPA II	1B20 NON EPA	1B27 EPA II	1B30 EPA II	1B30 NON EPA		
1	01885600	1	-	1	-	-		
1	01885700	-	-	-	1	-		
2	-----	-	-	-	-	-		
3	05102900	1	1	1	1	1	Filter, Filtre, Filtro	
4	05098100	1	-	1	1	-		
5	05156200	1	1	1	1	1	6 x 35	
6	05306500	1	1	1	1	1		
7	01551600	1	1	1	1	1		
8	50456800	1	1	1	1	1		
9	01556403	-	1	-	-	-		
9	01599203	-	-	-	-	1		

# Z01a

Kraftstoff  
Fuel  
Carburant  
Combustible  
Serbatoio

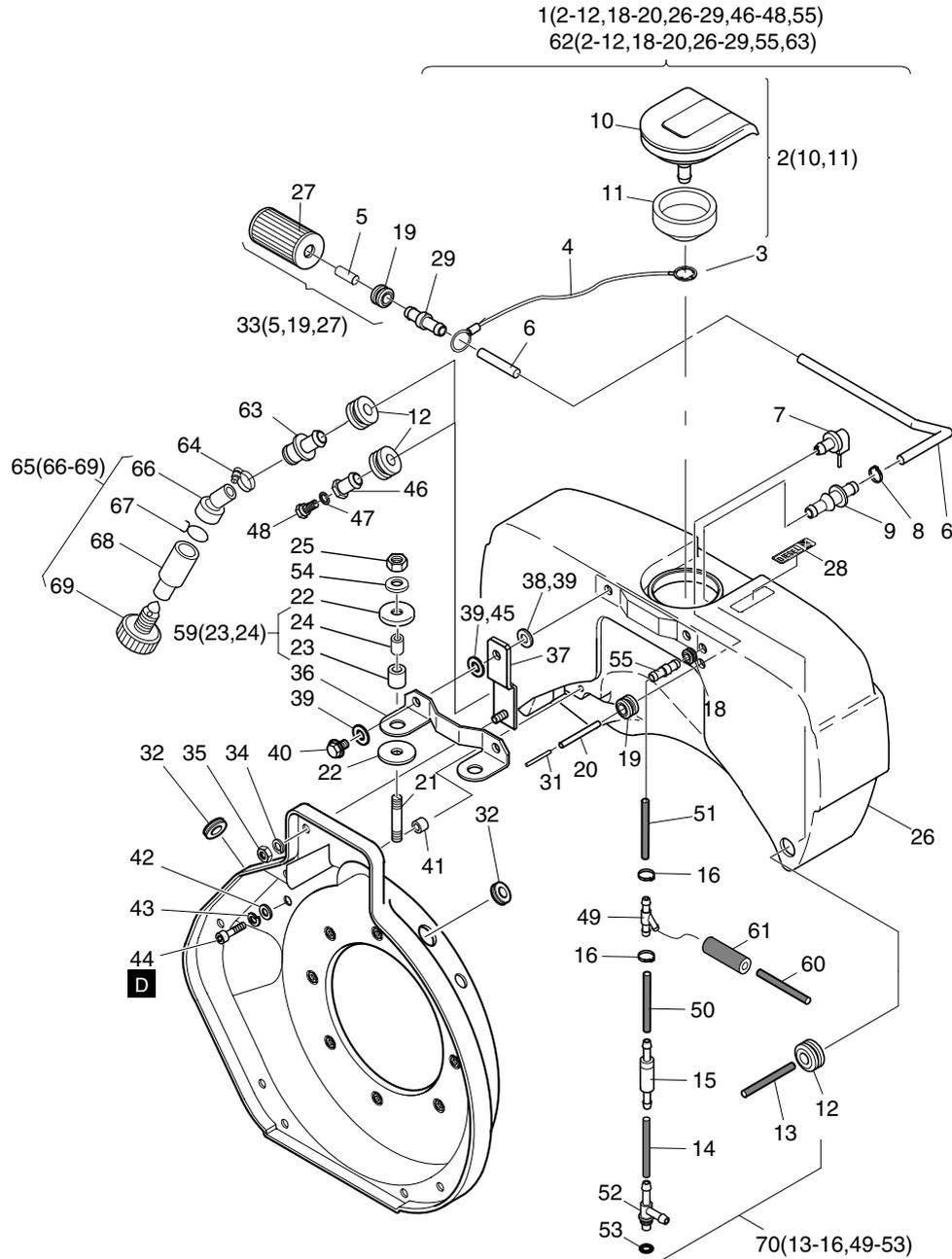


Fig.- No.	HATZ Ident-No.	Stück Qty.					P / W d / D	Bemerkungen Notes
		1B20 EPA II	1B20 NON EPA	1B27 EPA II	1B30 EPA II	1B30 NON EPA		
1	01578830	1	1	1	-	-	3 l	
1	01588620	-	-	-	1	1	5 l	
2	01535302	1	1	1	1	1	kpl. cpl.	
3	50500800	1	1	1	1	1	8 DIN 6799	
4	01628900	1	1	1	1	1	~440mm	
5	-----	-	-	-	-	-		
6	05310900	1	1	1	-	-	3,5 x 260	
6	05311000	-	-	-	1	1	3,5 x 300	
7	01534900	1	1	1	1	1		
8	50399801	1	1	1	1	1	11,3	
9	05084010	1	1	1	1	1		
10	-----	-	-	-	-	-		
11	05086401	1	1	1	1	1		
12	50440800	2	2	2	2	2		
13	03962110	1	1	1	-	-	3,5 x 160 mm	
13	05188310	-	-	-	1	1	3,5 x 170 mm	
14	05123200	1	1	1	1	1	3,5 x 40	
15	00805502	1	1	1	1	1		
16	50570900	2	2	2	2	2	12,8	
18	05130400	1	1	1	1	1		
19	50440901	2	2	2	2	2		
20	05085601	1	1	1	1	1	1 x 3 x 100	
21	50231900	2	2	2	2	2	M 8 x 25 DIN 835-8.8 A3C	
22	05109810	4	4	4	4	4	8,2 x 22 x 2	
23	-----	-	-	-	-	-		
24	05122800	2	2	2	2	2		
25	40028400	2	2	2	2	2	VM 8 DIN 980-8 C3A	
26	-----	-	-	-	-	-		
27	-----	-	-	-	-	-		
28	05235602	1	1	1	1	1	"DIESEL"	
29	05189001	1	1	1	1	1		
31	05085500	1	1	1	1	1	2 x 0,3 x 16	
32	05107700	2	2	2	-	-		
33	01635210	1	1	1	1	1	W2	
34	50170900	2	2	2	2	2	6 DIN 128 - A3C	
35	50144400	2	2	2	2	2	M 6 DIN 934 - 8 A3C	
36	05108511	1	1	1	-	-		
36	05122300	-	-	-	1	1		
37	01331300	2	2	2	2	2		
38	50120000	2	2	2	-	-	A 6,4 DIN 9021-St A3C	
39	05110010	4	4	4	4	4	7,1 x 17,9 x 2	
40	01557000	2	2	2	-	-	M 6 x 18	
40	01677100	-	-	-	2	2	M 6 x 20	
41	04118800	2	2	2	-	-	6,5 x 13 x 4,8	
42	50144500	2	2	2	4	4	6,4 DIN 125-St A3C	

# Z01a

Kraftstoff  
Fuel  
Carburant  
Combustible  
Serbatoio

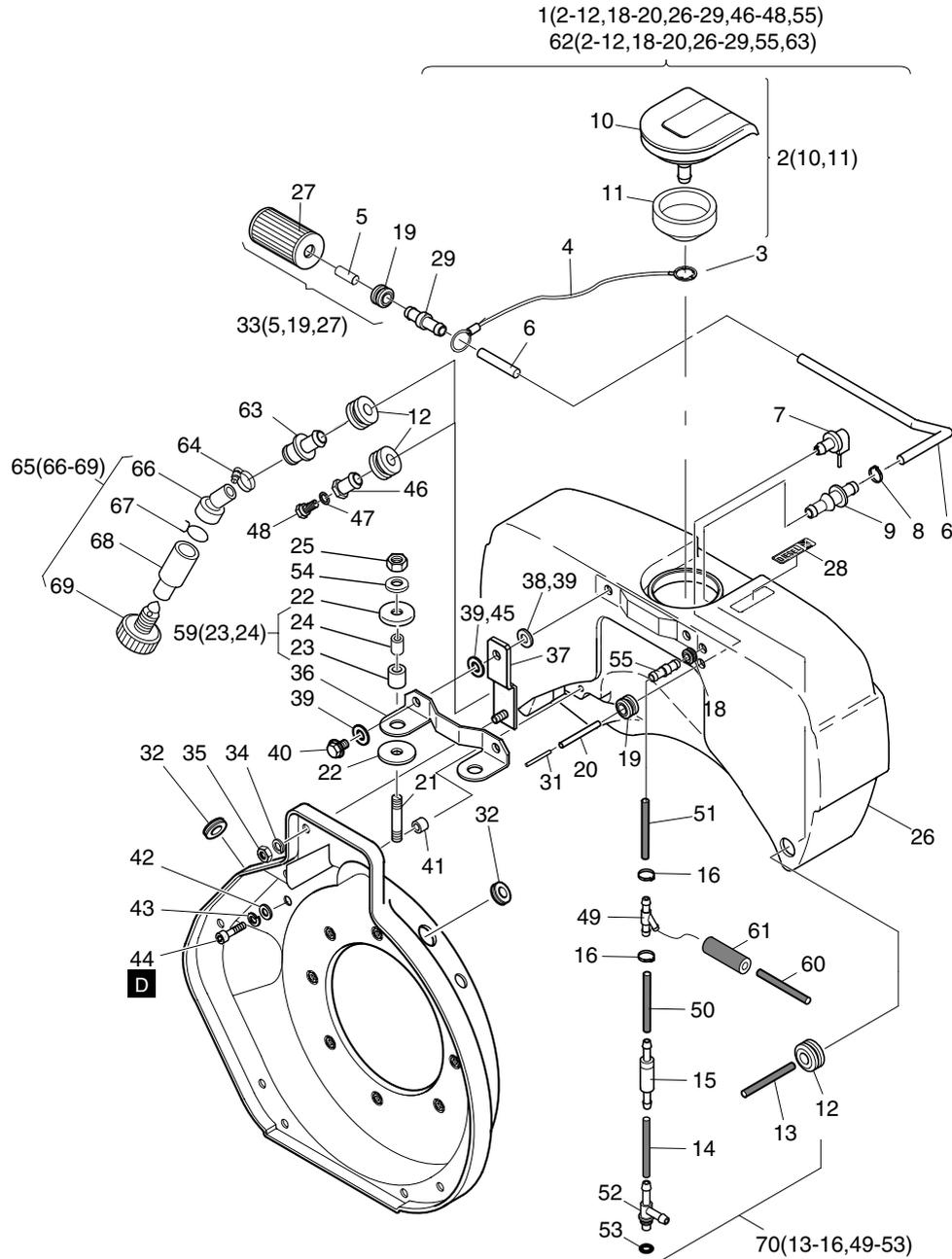


Fig.- No.	HATZ Ident-No.	Stück Qty.					P / W d / D	Bemerkungen Notes
		1B20 EPA II	1B20 NON EPA	1B27 EPA II	1B30 EPA II	1B30 NON EPA		
43	50170900	2	2	2	4	4	6 DIN 128 - A3C	
44	50170700	2	2	2	-	-	M 6 x 16 DIN 912-8.8 A3C	
44	50149100	-	-	-	4	4	M 6 x 12 DIN 912-8.8 A3C	
45	50114300	-	-	-	2	2	6,4 x 17 x 3 DIN 7349 A3C	
46	05235700	1	1	1	-	-		
46	05188200	-	-	-	1	1		
47	50313100	1	1	1	1	1	A 6 x 10 DIN 7603-Cu.	
48	03613600	1	1	1	1	1	M 6 A3C	
49	05175601	1	1	1	1	1		
50	05310500	1	1	1	-	-	5 x 80	
50	03807110	-	-	-	1	1	5 x 150	
51	04060410	1	1	1	1	1	5 x 100	
52	01756800	1	1	1	1	1		
53	50154300	1	1	1	1	1	D1 7,5 x 1,5	
54	50148100	2	2	2	2	2	8,4 DIN 125-St A3C	
55	05184400	1	1	1	1	1		
59	01655800	2	2	2	2	2		
60	05215000	1	1	1	1	1	2,5 x 195	
61	05213010	1	1	1	1	1	7 x 25	
62	01650210	1	1	1	-	-	3 l für Wasserabscheider	
62	01666710	-	-	-	1	1	5 l für Wasserabscheider	
63	05235800	1	1	1	-	-		
63	05172300	-	-	-	1	1		
64	50448000	1	1	1	1	1		
65	01519402	1	1	1	1	1		
66	05044001	1	1	1	1	1		
67	05036900	1	1	1	1	1		
68	05043901	1	1	1	1	1		
69	50414800	1	1	1	1	1	M 10	
70	01694811	1	1	1	-	-		
70	01692810	-	-	-	1	1		

# Z01b

Kraftstoff  
Fuel  
Carburant  
Combustible  
Serbatoio

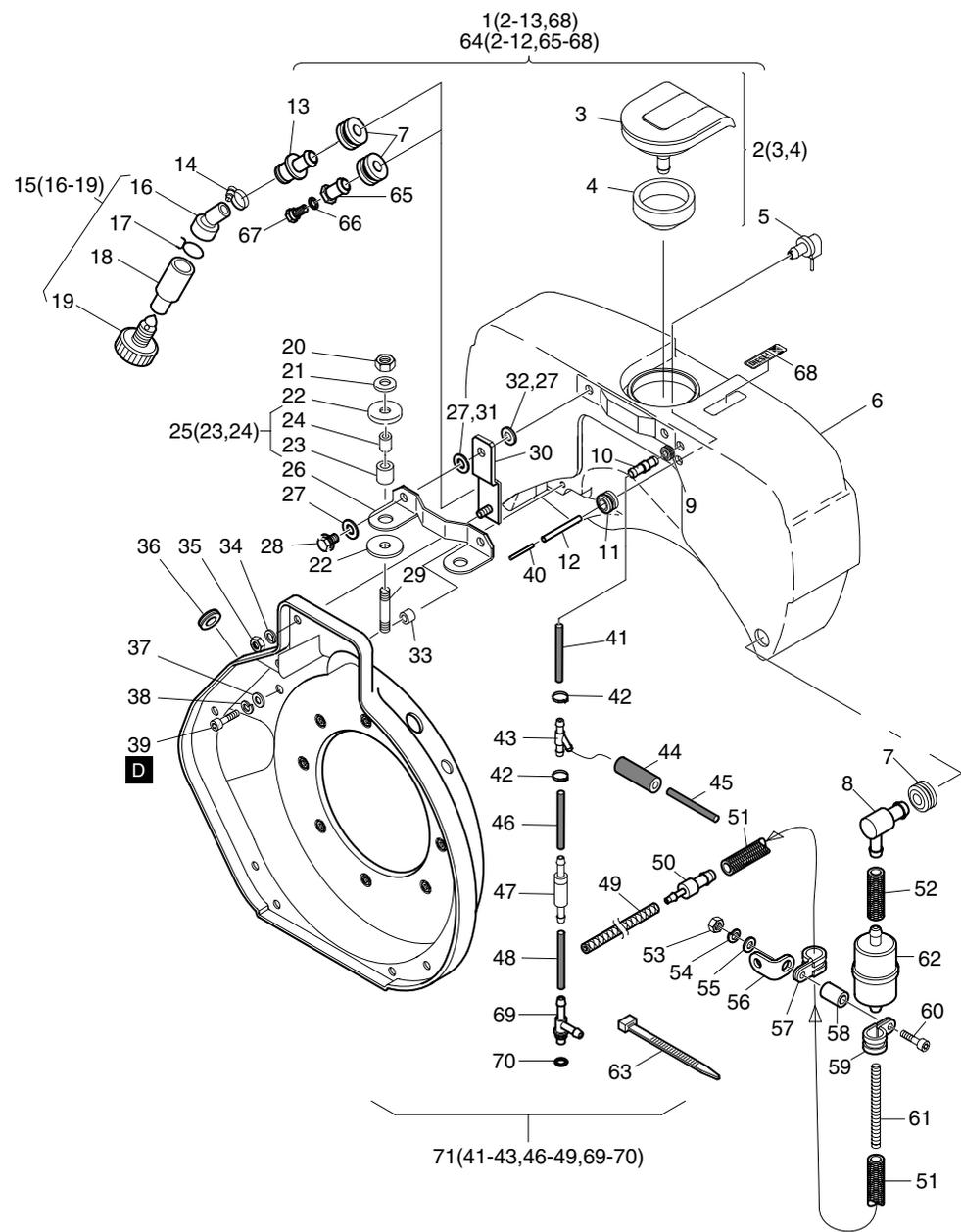


Fig.- No.	HATZ Ident-No.	Stück Qty.					P / W d / D	Bemerkungen Notes
		1B20 EPA II	1B20 NON EPA	1B27 EPA II	1B30 EPA II	1B30 NON EPA		
1	01703100	1	1	1	-	-	3 l	
1	01703200	-	-	-	1	1	5 l	
2	01535302	1	1	1	1	1	kpl. cpl.	
3	-----	-	-	-	-	-		
4	05086401	1	1	1	1	1		
5	01534900	1	1	1	1	1		
6	-----	-	-	-	-	-		
7	50440800	2	2	2	2	2		
8	01794810	1	1	1	1	1		
9	05130400	1	1	1	1	1		
10	05184400	1	1	1	1	1		
11	50440901	1	1	1	1	1		
12	05085601	1	1	1	1	1	1 x 3 x 100	
13	05235800	1	1	1	-	-		
13	05172300	-	-	-	1	1		
14	50448000	1	1	1	1	1		
15	01519402	1	1	1	1	1		
16	05044001	1	1	1	1	1		
17	05036900	1	1	1	1	1		
18	05043901	1	1	1	1	1		
19	50414800	1	1	1	1	1	M 10	
20	40028400	2	2	2	2	2	VM 8 DIN 980-8 C3A	
21	50148100	2	2	2	2	2	8,4 DIN 125-St A3C	
22	05109810	4	4	4	4	4	8,2 x 22 x 2	
23	-----	-	-	-	-	-		
24	05122800	2	2	2	2	2		
25	01655800	2	2	2	2	2		
26	05108511	1	1	1	-	-		
26	05122300	-	-	-	1	1		
27	05110010	4	4	4	4	4	7,1 x 17,9 x 2	
28	01557000	2	2	2	-	-	M 6 x 18	
28	01677100	-	-	-	2	2	M 6 x 20	
29	50231900	2	2	2	2	2	M 8 x 25 DIN 835-8.8 A3C	
30	01331300	2	2	2	2	2		
31	50114300	-	-	-	2	2	6,4 x 17 x 3 DIN 7349 A3C	
32	50120000	2	2	2	-	-	A 6,4 DIN 9021-St A3C	
33	04118800	2	2	2	-	-	6,5 x 13 x 4,8	
34	50170900	2	2	2	2	2	6 DIN 128 - A3C	
35	50144400	2	2	2	2	2	M 6 DIN 934 - 8 A3C	
36	05107700	2	2	2	-	-		
37	50144500	2	2	2	4	4	6,4 DIN 125-St A3C	
38	50170900	2	2	2	4	4	6 DIN 128 - A3C	
39	50170700	2	2	2	-	-	M 6 x 16 DIN 912-8.8 A3C	
39	50149100	-	-	-	4	4	M 6 x 12 DIN 912-8.8 A3C	
40	05085500	1	1	1	1	1	2 x 0,3 x 16	

# Z01b

Kraftstoff  
Fuel  
Carburant  
Combustible  
Serbatoio

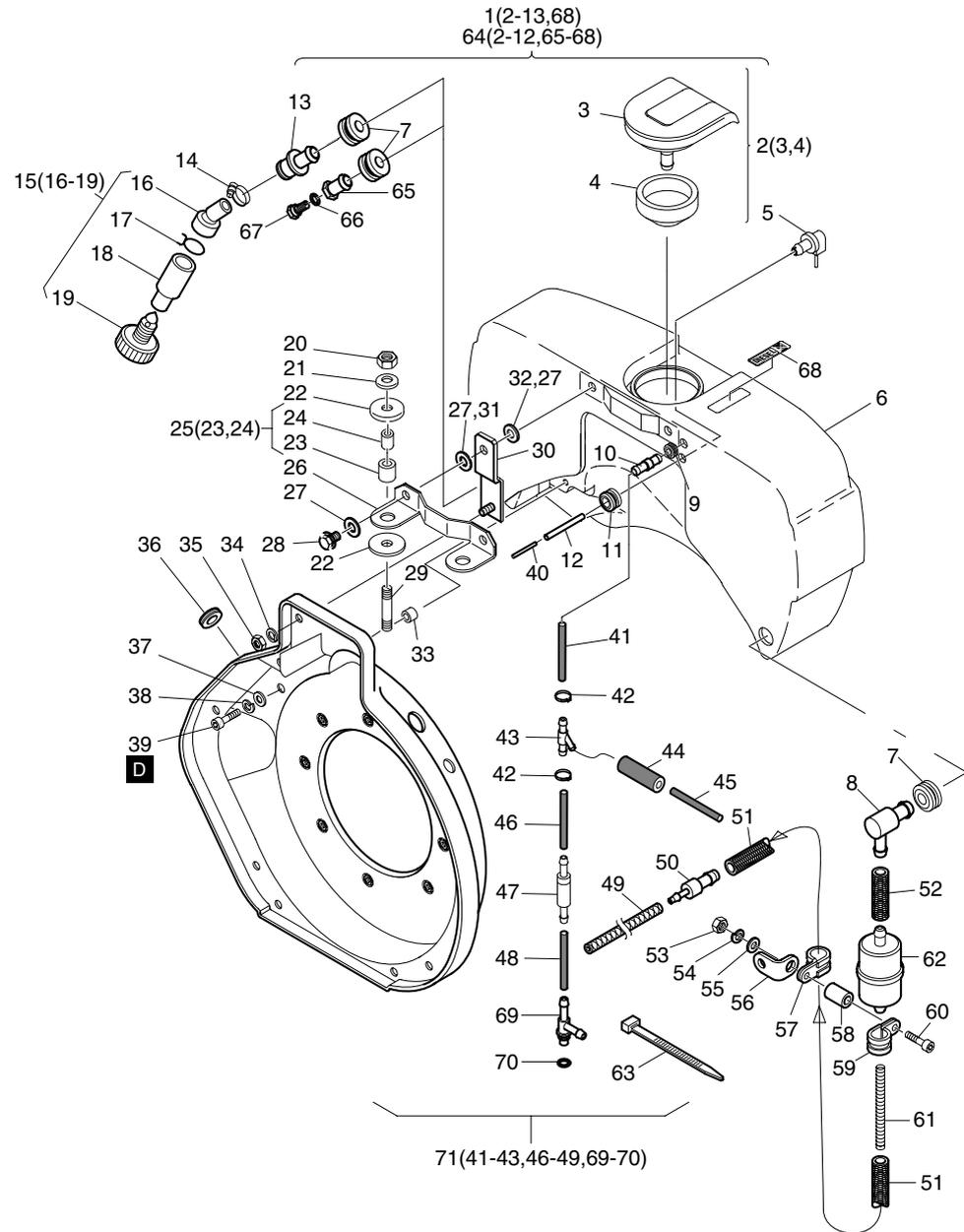


Fig.- No.	HATZ Ident-No.	Stück Qty.					P / W d / D	Bemerkungen Notes
		1B20 EPA II	1B20 NON EPA	1B27 EPA II	1B30 EPA II	1B30 NON EPA		
41	04060410	1	1	1	1	1	5 x 100	
42	50570900	2	2	2	2	2	12,8	
43	05175601	1	1	1	1	1		
44	05213010	1	1	1	1	1	7 x 25	
45	05215000	1	1	1	1	1	2,5 x 195	
46	05310500	1	1	1	-	-	5 x 80	
46	03807110	-	-	-	1	1	5 x 150	
47	00805502	1	1	1	1	1		
48	05123200	1	1	1	1	1	3,5 x 40	
49	03962110	1	1	1	-	-	3,5 x 160 mm	
49	05188310	-	-	-	1	1	3,5 x 170 mm	
50	05306800	1	1	1	1	1		
51	05116600	1	1	1	1	1	7 x 260	
52	05323900	1	1	1	1	1	7 x 50	
53	50144400	1	1	1	1	1	M 6 DIN 934 - 8 A3C	
54	50170900	1	1	1	1	1	6 DIN 128 - A3C	
55	50144500	1	1	1	1	1	6,4 DIN 125-St A3C	
56	03543900	1	1	1	1	1		
57	50158400	1	1	1	1	1	14 / 15	
58	04139000	1	1	1	1	1	6,5 x 12 x 18	
59	50158400	1	1	1	1	1	14 / 15	
60	50182700	1	1	1	1	1	M 6 x 40 DIN 912-8.8 A3C	
61	03210602	1	1	1	1	1		
62	50478800	1	1	1	1	1	Filter	
63	50358400	2	2	2	2	2	200 x 4,8 mm	
64	01813000	1	1	1	-	-	3l	
64	01813200	-	-	-	1	1	5l	
65	05235700	1	1	1	-	-		
65	05188200	-	-	-	1	1		
66	50313100	1	1	1	1	1	A 6 x 10 DIN 7603-Cu.	
67	03613600	1	1	1	1	1	M 6 A3C	
68	05235602	1	1	1	1	1	"DIESEL"	
69	01756800	1	1	1	1	1		
70	50154300	1	1	1	1	1	D1 7,5 x 1,5	
71	01694811	1	1	1	-	-		
71	01692810	-	-	-	1	1		

# Z01c

Kraftstoff - Doppelfilter  
 Fuel  
 Carburant  
 Combustible  
 Serbatoio

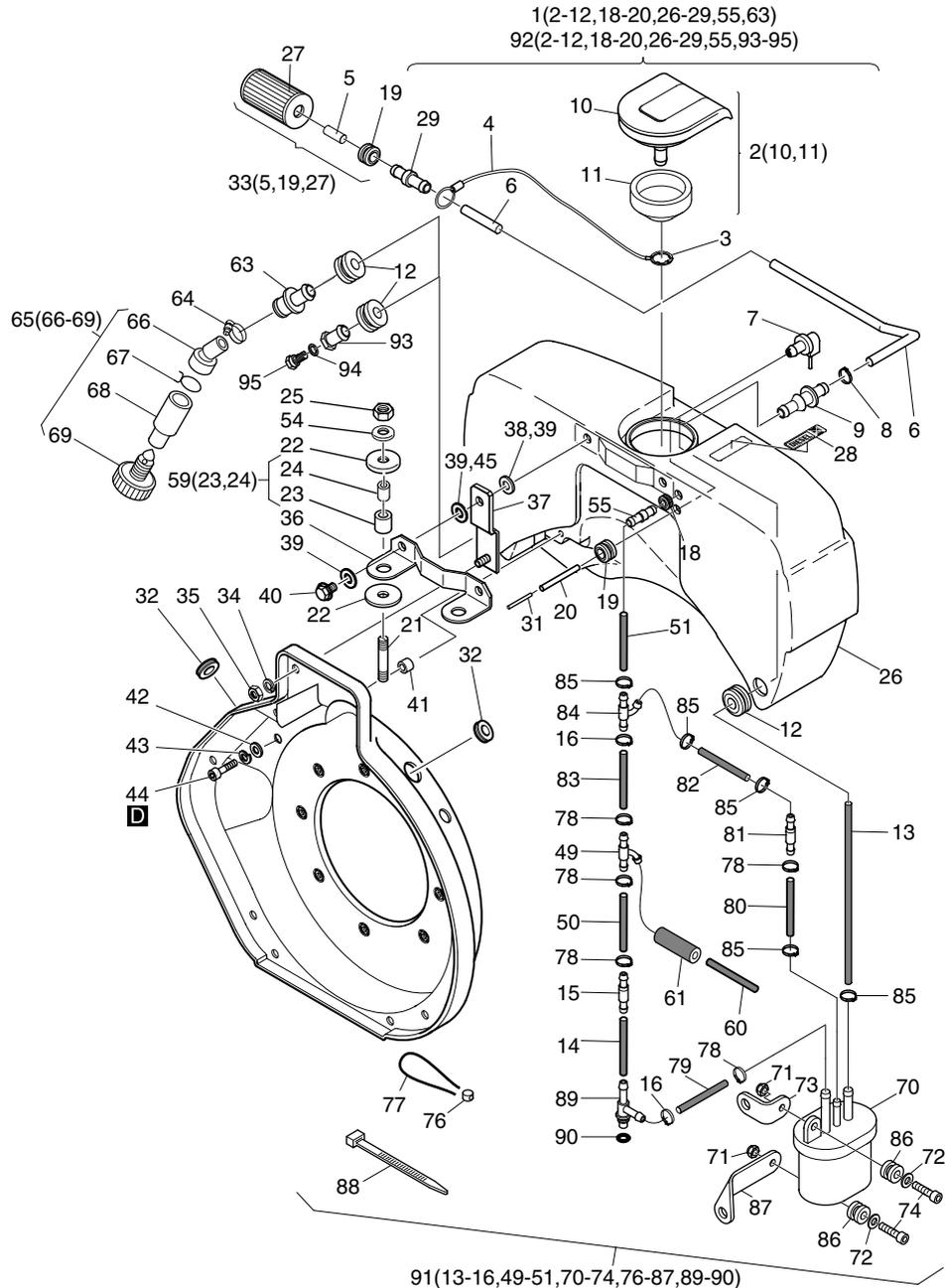


Fig.- No.	HATZ Ident-No.	Stück Qty.					P / W d / D	Bemerkungen Notes
		1B20 EPA II	1B20 NON EPA	1B27 EPA II	1B30 EPA II	1B30 NON EPA		
1	01650210	1	1	1	-	-	3 l für Wasserabscheider	
1	01666710	-	-	-	1	1	5 l für Wasserabscheider	
2	01535302	1	1	1	1	1	kpl. cpl.	
3	50500800	1	1	1	1	1	8 DIN 6799	
4	01628900	1	1	1	1	1	~440mm	
5	-----	-	-	-	-	-		
6	05310900	1	1	1	-	-	3,5 x 260	
6	05311000	-	-	-	1	1	3,5 x 300	
7	01534900	1	1	1	1	1		
8	50399801	1	1	1	1	1	11,3	
9	05084010	1	1	1	1	1		
10	-----	-	-	-	-	-		
11	05086401	1	1	1	1	1		
12	50440800	2	2	2	2	2		
13	05347600	1	1	1	1	1	3,5 x 215	
14	05123200	1	1	1	1	1	3,5 x 40	
15	01534601	1	1	1	1	1		
16	50590000	2	2	2	2	2	12,0	
18	05130400	1	1	1	1	1		
19	50440901	2	2	2	2	2		
20	05085601	1	1	1	1	1	1 x 3 x 100	
21	50231900	2	2	2	2	2	M 8 x 25 DIN 835-8.8 A3C	
22	05109810	4	4	4	4	4	8,2 x 22 x 2	
23	-----	-	-	-	-	-		
24	05122800	2	2	2	2	2		
25	40028400	2	2	2	2	2	VM 8 DIN 980-8 C3A	
26	-----	-	-	-	-	-		
27	-----	-	-	-	-	-		
28	05235602	1	1	1	1	1	"DIESEL"	
29	05189001	1	1	1	1	1		
31	05085500	1	1	1	1	1	2 x 0,3 x 16	
32	05107700	2	2	2	-	-		
33	01635210	1	1	1	1	1	W2	
34	50170900	2	2	2	2	2	6 DIN 128 - A3C	
35	50144400	2	2	2	2	2	M 6 DIN 934 - 8 A3C	
36	05108511	1	1	1	-	-		
36	05122300	-	-	-	1	1		
37	01331300	2	2	2	2	2		
38	50120000	2	2	2	-	-	A 6,4 DIN 9021-St A3C	
39	05110010	4	4	4	4	4	7,1 x 17,9 x 2	
40	01557000	2	2	2	-	-	M 6 x 18	
40	01677100	-	-	-	2	2	M 6 x 20	
41	04118800	2	2	2	-	-	6,5 x 13 x 4,8	
42	50144500	2	2	2	4	4	6,4 DIN 125-St A3C	
43	50170900	2	2	2	4	4	6 DIN 128 - A3C	
44	50170700	2	2	2	-	-	M 6 x 16 DIN 912-8.8 A3C	
44	50149100	-	-	-	4	4	M 6 x 12 DIN 912-8.8 A3C	
45	50114300	-	-	-	2	2	6,4 x 17 x 3 DIN 7349 A3C	
49	05175601	1	1	1	1	1		

Z01c

Kraftstoff - Doppelfilter  
 Fuel  
 Carburant  
 Combustible  
 Serbatoio

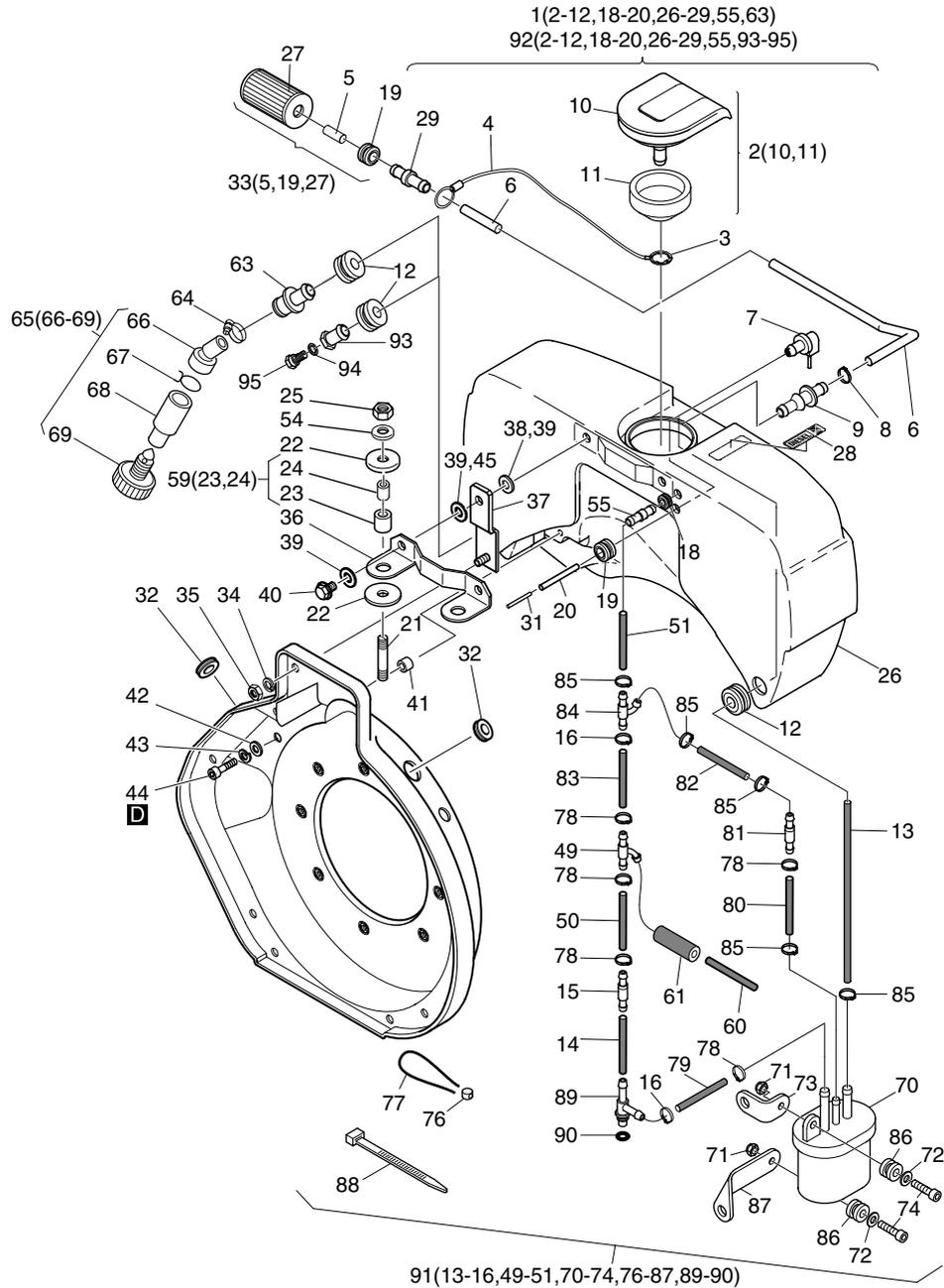


Fig.- No.	HATZ Ident-No.	Stück Qty.					P / W d / D	Bemerkungen Notes
		1B20 EPA II	1B20 NON EPA	1B27 EPA II	1B30 EPA II	1B30 NON EPA		
50	05310500	1	1	1	-	-	5 x 80	
50	03807110	-	-	-	1	1	5 x 150	
51	05306900	1	1	1	1	1	5 x 40	
54	50148100	2	2	2	2	2	8,4 DIN 125-St A3C	
55	05184400	1	1	1	1	1		
59	01655800	2	2	2	2	2		
60	05215000	1	1	1	1	1	2,5 x 195	
61	05213010	1	1	1	1	1	7 x 25	
63	05235800	1	1	1	-	-		
63	05172300	-	-	-	1	1		
64	50448000	1	1	1	1	1		
65	01519402	1	1	1	1	1		
66	05044001	1	1	1	1	1		
67	05036900	1	1	1	1	1		
68	05043901	1	1	1	1	1		
69	50414800	1	1	1	1	1	M 10	
70	01919700	1	1	1	1	1		
71	50501600	2	2	2	2	2	M 4 DIN 985 - 6 Zn	
72	50441600	2	2	2	2	2	4,3 DIN 9021 - A3C 140HV	
73	05279500	1	1	1	1	1		
74	50446900	2	2	2	2	2	M 4 x 16 DIN 912-8.8 A3C Tuf.	
76	40021400	1	1	1	1	1	8 mm ø	
77	40021500	1	1	1	1	1	0,5 / 0,3 x 200	
78	50570900	6	6	6	6	6	12,8	
79	03673810	1	1	1	-	-	5 x 275	
79	05283910	-	-	-	1	1	5 x 285	
80	05283910	1	1	1	1	1	5 x 285	
81	00805502	1	1	1	1	1		
82	03663710	1	1	1	1	1	5 x 50 mm	
83	05181910	1	1	1	-	-	5 x 35 mm	
83	03663810	-	-	-	1	1	5 x 40 mm	
84	05122701	1	1	1	1	1		
85	50399801	4	4	4	4	4	11,3	
86	50556600	2	2	2	2	2		
87	05279400	1	1	1	1	1		
88	50358400	2	2	2	2	2	200 x 4,8 mm	
89	01756800	1	1	1	1	1		
90	50154300	1	1	1	1	1	D1 7,5 x 1,5	
91	01778330	1	1	1	-	-		
91	01778430	-	-	-	1	1		
92	01578830	1	1	1	-	-	3 l	
92	01588620	-	-	-	1	1	5 l	
93	05235700	1	1	1	-	-		
93	05188200	-	-	-	1	1		
94	50313100	1	1	1	1	1	A 6 x 10 DIN 7603-Cu.	
95	03613600	1	1	1	1	1	M 6 A3C	

# Z01d

Kraftstoff  
Fuel  
Carburant  
Combustible  
Serbatoio

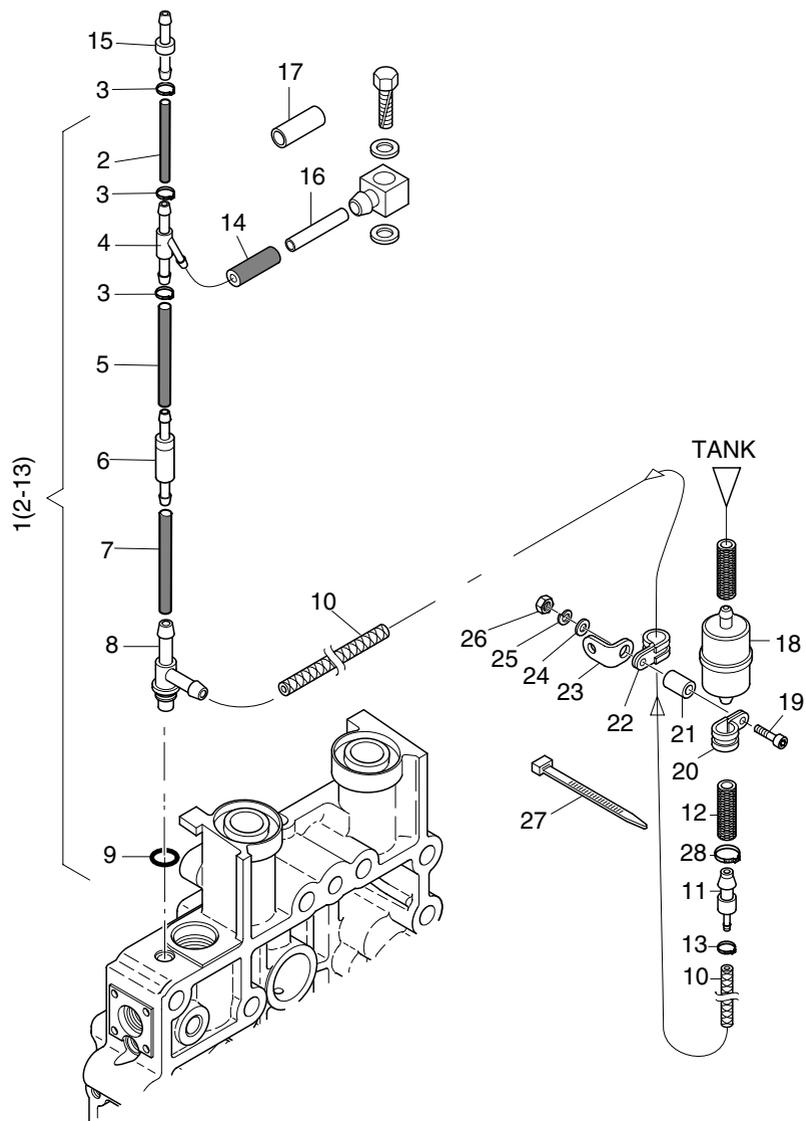


Fig.- No.	HATZ Ident-No.	Stück Qty.					P / W d / D	Bemerkungen Notes
		1B20 EPA II	1B20 NON EPA	1B27 EPA II	1B30 EPA II	1B30 NON EPA		
1	01694910	1	1	1	-	-		
1	01695010	-	-	-	1	1		
2	04060410	1	1	1	1	1	5 x 100	
3	50570900	3	3	3	3	3	12,8	
4	05175601	1	1	1	1	1		
5	05310500	1	1	1	-	-	5 x 80	
5	03807110	-	-	-	1	1	5 x 150	
6	00805502	1	1	1	1	1		
7	05123200	1	1	1	1	1	3,5 x 40	
8	01756800	1	1	1	1	1		
9	50154300	1	1	1	1	1	7,5 x 1,5	
10	03899310	1	1	1	-	-	3,5 x 400	
10	05220710	-	-	-	1	1	3,5 x 430	
11	05306800	1	1	1	1	1		
12	05323900	1	1	1	1	1	7 x 50	
13	50399801	1	1	1	1	1	11,3	
14	05213010	1	1	1	1	1	7 x 25	
15	50279600	1	1	1	1	1		
16	05215000	1	1	1	1	1	2,5 x 195	
17	05267900	1	1	1	1	1	120 mm	
18	50478800	1	1	1	1	1	Filter	
19	50323900	1	1	1	1	1	M 6 x 30 DIN 912-8.8 A3C	
20	50158400	1	1	1	1	1	14 / 15	
21	05132700	1	1	1	1	1	6,5 x 17 x 11,5	
22	50173500	1	1	1	1	1	10 / 15	
23	03543900	1	1	1	1	1		
24	50144500	1	1	1	1	1	6,4 DIN 125-St A3C	
25	50170900	1	1	1	1	1	6 DIN 128 - A3C	
26	50144400	1	1	1	1	1	M 6 DIN 934 - 8 A3C	
27	50358400	1	1	1	1	1	200 x 4,8 mm	
28	50523800	1	1	1	1	1	16,0	

# Z01e

Kraftstoff  
Fuel  
Carburant  
Combustible  
Serbatoio

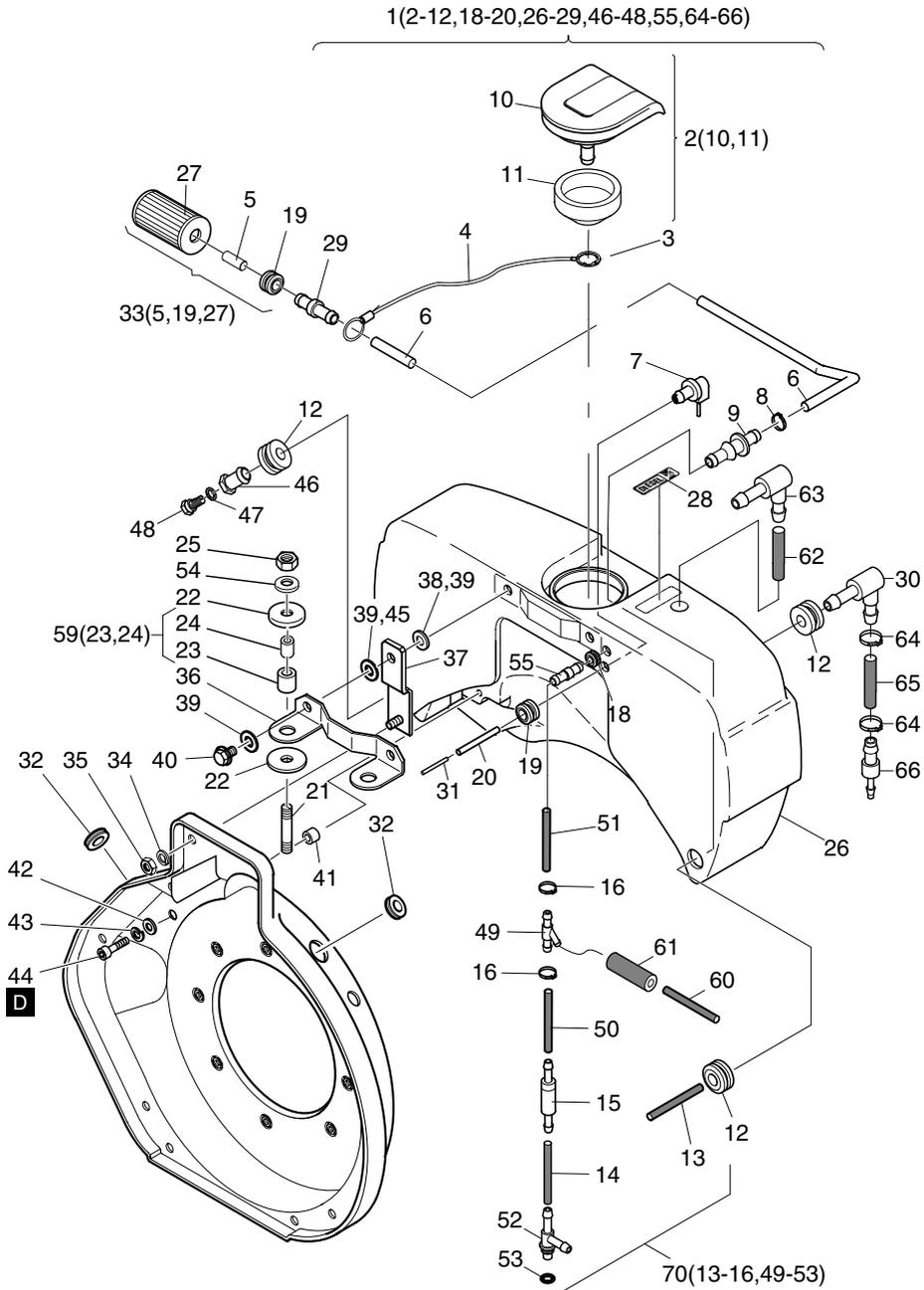


Fig.- No.	HATZ Ident-No.	Stück Qty.				P / W d / D	Bemerkungen Notes
		1B20 EPA II	1B20 NON EPA	1B30 EPA II	1B30 NON EPA		
1	01611821	1	1	-	-		3l
1	01612021	-	-	1	1		5l
2	01535302	1	1	1	1		kpl. cpl.
3	50500800	1	1	1	1		8 DIN 6799
4	01628900	1	1	1	1		~440mm
5	-----	-	-	-	-		
6	05310900	1	1	-	-		3,5 x 260
6	05311000	-	-	1	1		3,5 x 300
7	01534900	1	1	1	1		
8	50399801	1	1	1	1		11,3
9	05084010	1	1	1	1		
10	-----	-	-	-	-		
11	05086401	1	1	1	1		
12	50440800	2	2	2	2		
13	03962110	1	1	-	-		3,5 x 160 mm
13	05188310	-	-	1	1		3,5 x 170 mm
14	05123200	1	1	1	1		3,5 x 40
15	00805502	1	1	1	1		
16	50570900	2	2	2	2		12,8
18	05130400	1	1	1	1		
19	50440901	2	2	2	2		
20	05085601	1	1	1	1		1 x 3 x 100
21	50231900	2	2	2	2		M 8 x 25 DIN 835-8.8 A3C
22	05109810	4	4	4	4		8,2 x 22 x 2
23	-----	-	-	-	-		
24	05122800	2	2	2	2		
25	40028400	2	2	2	2		VM 8 DIN 980-8 C3A
26	-----	-	-	-	-		
27	-----	-	-	-	-		
28	05235602	1	1	1	1		"DIESEL"
29	05189001	1	1	1	1		
30	01684020	1	1	1	1		
31	05085500	1	1	1	1		2 x 0,3 x 16
32	05107700	2	2	-	-		
33	01635210	1	1	1	1	W2	
34	50170900	2	2	2	2		6 DIN 128 - A3C
35	50144400	2	2	2	2		M 6 DIN 934 - 8 A3C
36	05108511	1	1	-	-		
36	05122300	-	-	1	1		
37	01331300	2	2	2	2		
38	50120000	2	2	-	-		A 6,4 DIN 9021-St A3C
39	05110010	4	4	4	4		7,1 x 17,9 x 2
40	01557000	2	2	-	-		M 6 x 18
40	01677100	-	-	2	2		M 6 x 20
41	04118800	2	2	-	-		6,5 x 13 x 4,8

Z01e

Kraftstoff  
Fuel  
Carburant  
Combustible  
Serbatoio

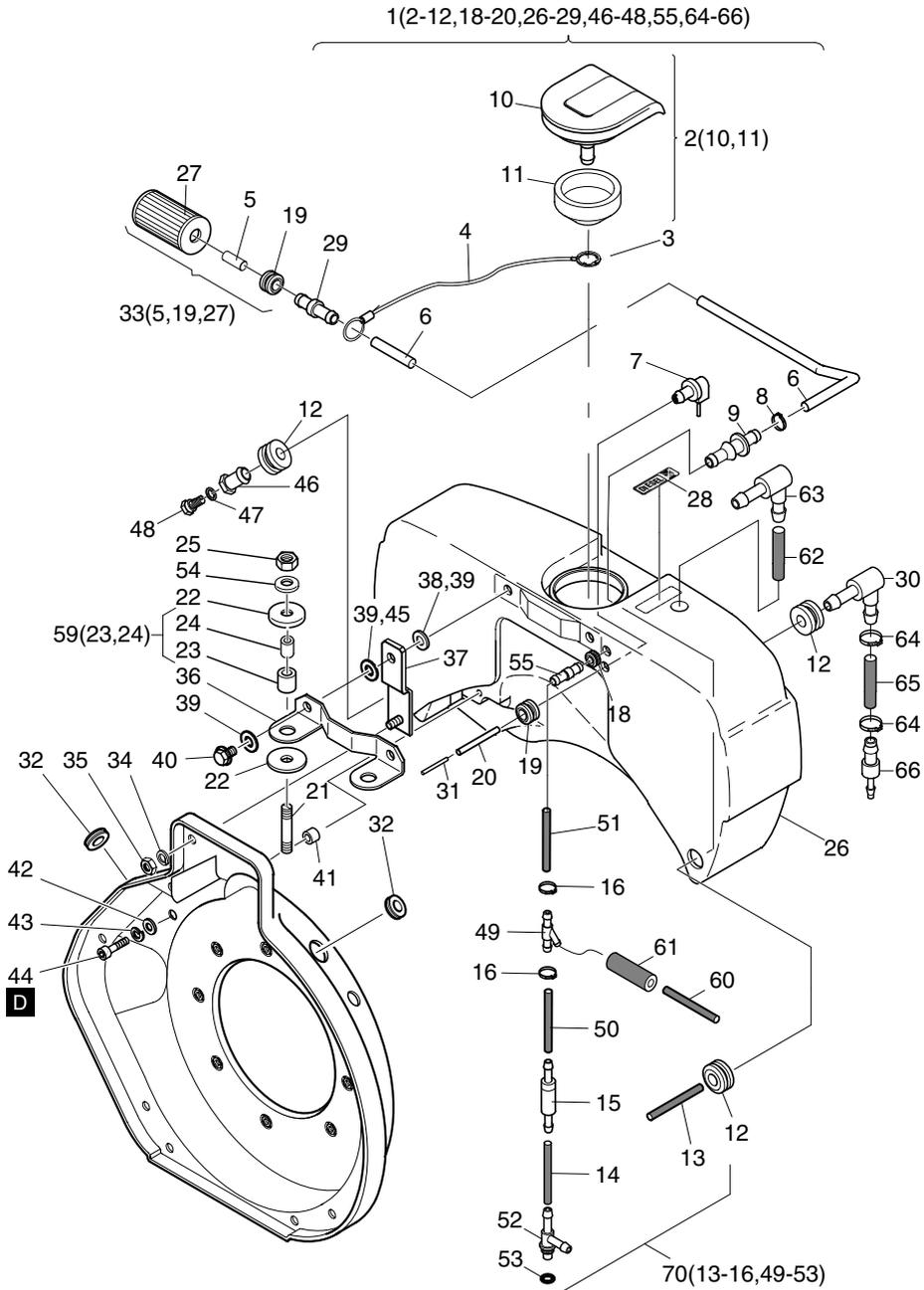


Fig.- No.	HATZ Ident-No.	Stück Qty.				P / W d / D	Bemerkungen Notes
		1B20 EPA II	1B20 NON EPA	1B30 EPA II	1B30 NON EPA		
42	50144500	2	2	4	4		6,4 DIN 125-St A3C
43	50170900	2	2	4	4		6 DIN 128 - A3C
44	50170700	2	2	-	-		M 6 x 16 DIN 912-8.8 A3C
44	50149100	-	-	4	4		M 6 x 12 DIN 912-8.8 A3C
45	50114300	-	-	2	2		6,4 x 17 x 3 DIN 7349 A3C
46	05235700	1	1	1	1		
47	50313100	1	1	1	1		A 6 x 10 DIN 7603-Cu.
48	03613600	1	1	1	1		M 6 A3C
49	05175601	1	1	1	1		
50	05188810	1	1	-	-		5 x 120
50	03807110	-	-	1	1		5 x 150
51	05136810	1	1	1	1		5 x 90
52	01756800	1	1	1	1		
53	50154300	1	1	1	1	D1	7,5 x 1,5
54	50148100	2	2	2	2		8,4 DIN 125-St A3C
55	05184400	1	1	1	1		
59	01655800	2	2	2	2		
60	05215000	1	1	1	1		2,5 x 195
61	05213010	1	1	1	1		7 x 25
62	05251800	1	1	1	1		20mm
63	50537700	1	1	1	1		WS 6
64	50523800	2	2	2	2		16,0
65	03701410	1	1	1	1		7 x 100
66	05240400	1	1	-	-		
66	04240400	-	-	1	1		1,25 mm
70	01694810	1	1	-	-		
70	01692810	-	-	1	1		

Z01f

Kraftstoffförderpumpe  
 Fuel feed pump  
 Pompe d'alimentation  
 Bomba de alimentación  
 Pompa A. C.

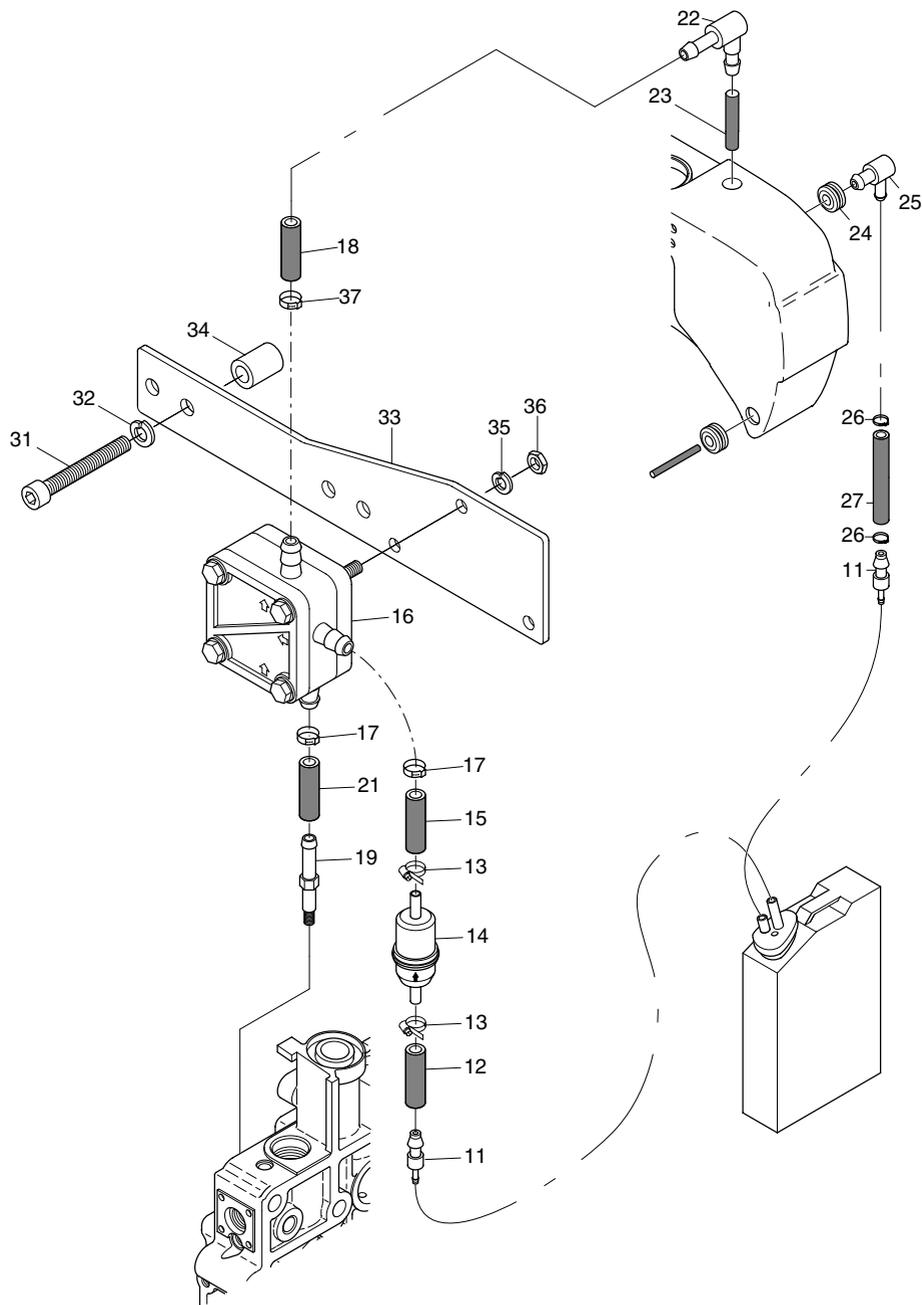


Fig.- No.	HATZ Ident-No.	Stück Qty.				P / W d / D	Bemerkungen Notes
		1B20 EPA II	1B20 NON EPA	1B30 EPA II	1B30 NON EPA		
11	05240400	2	2	2	2		
12	03493110	1	1	1	1		7 x 60
13	40026100	2	2	2	2		10-16
14	50317000	1	1	1	1		Vorfilter, prefilter
15	05090010	1	1	1	1		7 x 120
16	50533900	1	1	1	1		
17	50523800	2	2	2	2		16,0
18	05347100	1	1	-	-		5,3 x 300
18	05346100	-	-	1	1		5,3 x 300
19	05243201	1	1	1	1		
21	05158210	1	1	-	-		7 x 85
21	05090010	-	-	1	1		7 x 120
22	50537700	1	1	1	1		WS 6
23	05251800	1	1	1	1		20mm
24	50440800	1	1	1	1		
25	01684020	1	1	1	1		
26	50523800	2	2	2	2		16,0
27	03701410	1	1	1	1		7 x 100
31	50374900	2	2	2	2		M 6 x 35 DIN 912-8.8 A3C
32	50170900	2	2	2	2		6 DIN 128 - A3C
33	05242100	1	1	1	1		
34	04098400	2	2	2	2		7 x 12 x 16,3
35	50002600	2	2	2	2		5 DIN 128 - A3C
36	50533800	2	2	2	2		UNC 10-24 ZN
37	50511201	1	1	1	1		14,5

Z01g

Kraftstoff - Doppelfilter  
 Fuel  
 Carburant  
 Combustible  
 Serbatoio

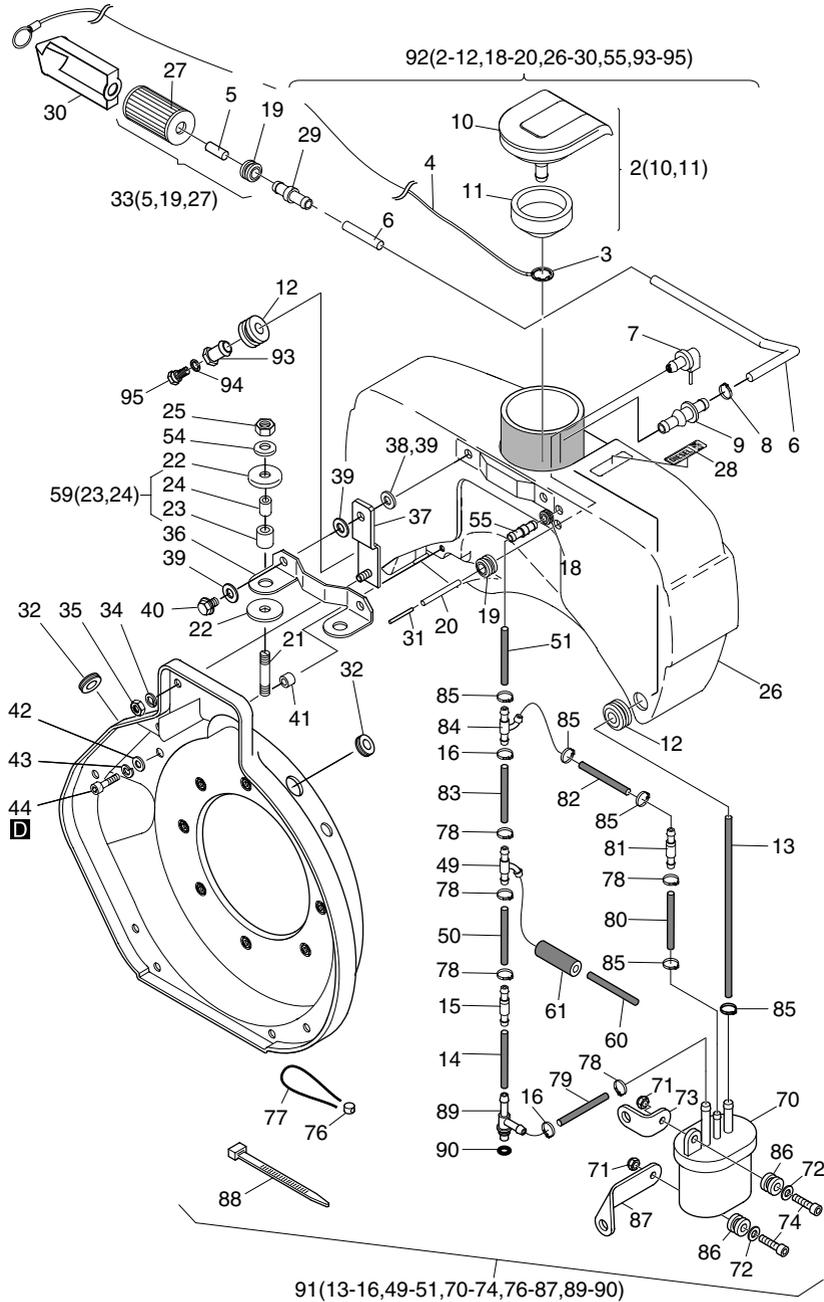


Fig.- No.	HATZ Ident-No.	Stück Qty.					P / W d / D	Bemerkungen Notes
		1B20 EPA II	1B20 NON EPA	1B27 EPA II	1B30 EPA II	1B30 NON EPA		
2	01535302	1	1	1	1	1	kpl. cpl.	
3	50500800	1	1	1	1	1	8 DIN 6799	
4	01628900	1	1	1	1	1	~440mm	
5	-----	-	-	-	-	-		
6	05310900	1	1	1	-	-	3,5 x 260	
6	05311000	-	-	-	1	1	3,5 x 300	
7	01534900	1	1	1	1	1		
8	50399801	1	1	1	1	1	11,3	
9	05084010	1	1	1	1	1		
10	-----	-	-	-	-	-		
11	05086401	1	1	1	1	1		
12	50440800	2	2	2	2	2		
13	05347600	1	1	1	1	1	3,5 x 215	
14	05123200	1	1	1	1	1	3,5 x 40	
15	01534601	1	1	1	1	1		
16	50590000	2	2	2	2	2	12,0	
18	05130400	1	1	1	1	1		
19	50440901	2	2	2	2	2		
20	05085601	1	1	1	1	1	1 x 3 x 100	
21	50231900	2	2	2	2	2	M 8 x 25 DIN 835-8.8 A3C	
22	05109810	4	4	4	4	4	8,2 x 22 x 2	
23	-----	-	-	-	-	-		
24	05122800	2	2	2	2	2		
25	40028400	2	2	2	2	2	VM 8 DIN 980-8 C3A	
26	-----	-	-	-	-	-		
27	-----	-	-	-	-	-		
28	05235602	1	1	1	1	1	"DIESEL"	
29	05189001	1	1	1	1	1		
30	05253400	1	1	1	1	1		
31	05085500	1	1	1	1	1	2 x 0,3 x 16	
32	05107700	2	2	2	-	-		
33	01635210	1	1	1	1	1	W2	
34	50170900	2	2	2	2	2	6 DIN 128 - A3C	
35	50144400	2	2	2	2	2	M 6 DIN 934 - 8 A3C	
36	05108511	1	1	1	-	-		
36	05122300	-	-	-	1	1		
37	01331300	2	2	2	2	2		
38	50120000	2	2	2	-	-	A 6,4 DIN 9021-St A3C	
39	05110010	4	4	4	4	4	7,1 x 17,9 x 2	
40	01557000	2	2	2	-	-	M 6 x 18	
40	01677100	-	-	-	2	2	M 6 x 20	
41	04118800	2	2	2	-	-	6,5 x 13 x 4,8	
42	50144500	2	2	2	4	4	6,4 DIN 125-St A3C	
43	50170900	2	2	2	4	4	6 DIN 128 - A3C	
44	50170700	2	2	2	-	-	M 6 x 16 DIN 912-8.8 A3C	

Z01g

Kraftstoff - Doppelfilter  
 Fuel  
 Carburant  
 Combustible  
 Serbatoio

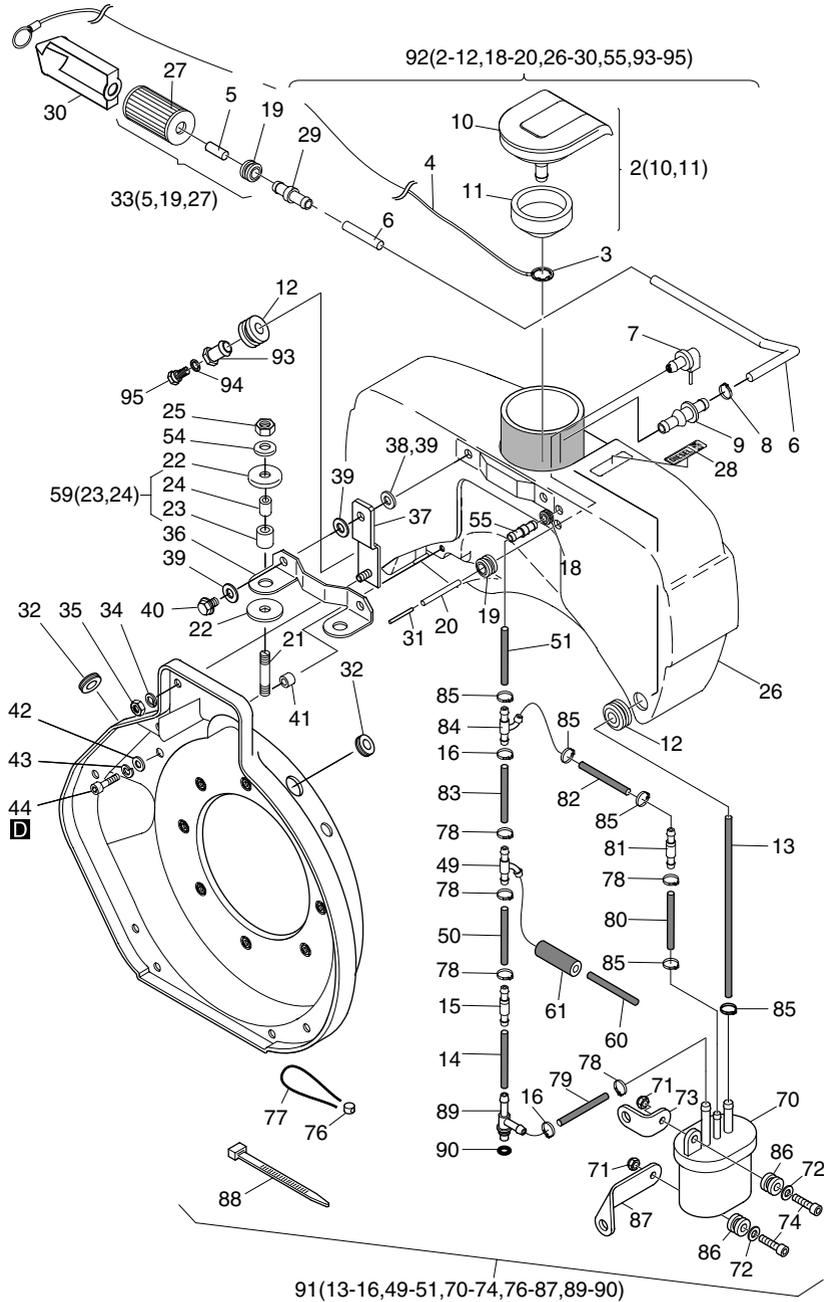


Fig.- No.	HATZ Ident-No.	Stück Qty.					P / W d / D	Bemerkungen Notes
		1B20 EPA II	1B20 NON EPA	1B27 EPA II	1B30 EPA II	1B30 NON EPA		
44	50149100	-	-	-	4	4	M 6 x 12 DIN 912-8.8 A3C	
49	05175601	1	1	1	1	1		
50	05310500	1	1	1	-	-	5 x 80	
50	03807110	-	-	-	1	1	5 x 150	
51	05306900	1	1	1	1	1	5 x 40	
54	50148100	2	2	2	2	2	8,4 DIN 125-St A3C	
55	05184400	1	1	1	1	1		
59	01655800	2	2	2	2	2		
60	05215000	1	1	1	1	1	2,5 x 195	
61	05213010	1	1	1	1	1	7 x 25	
70	01919700	1	1	1	1	1		
71	50501600	2	2	2	2	2	M 4 DIN 985 - 6 Zn	
72	50441600	2	2	2	2	2	4,3 DIN 9021 - A3C 140HV	
73	05279500	1	1	1	1	1		
74	50446900	2	2	2	2	2	M 4 x 16 DIN 912-8.8 A3C Tuf.	
76	40021400	1	1	1	1	1	8 mm ø	
77	40021500	1	1	1	1	1	0,5 / 0,3 x 200	
78	50570900	6	6	6	6	6	12,8	
79	03673810	1	1	1	-	-	5 x 275	
79	05283910	-	-	-	1	1	5 x 285	
80	05283910	1	1	1	1	1	5 x 285	
81	00805502	1	1	1	1	1		
82	03663710	1	1	1	1	1	5 x 50 mm	
83	05181910	1	1	1	-	-	5 x 35 mm	
83	03663810	-	-	-	1	1	5 x 40 mm	
84	05122701	1	1	1	1	1		
85	50399801	4	4	4	4	4	11,3	
86	50556600	2	2	2	2	2		
87	05279400	1	1	1	1	1		
88	50358400	2	2	2	2	2	200 x 4,8 mm	
89	01756800	1	1	1	1	1		
90	50154300	1	1	1	1	1	D1 7,5 x 1,5	
91	01778330	1	1	1	-	-		
91	01778430	-	-	-	1	1		
92	01790400	1	1	1	-	-	3 l	
92	01790500	-	-	-	1	1	5 l	
93	05235700	1	1	1	-	-		
93	05188200	-	-	-	1	1		
94	50313100	1	1	1	1	1	A 6 x 10 DIN 7603-Cu.	
95	03613600	1	1	1	1	1	M 6 A3C	

Z01h

Kraftstoff  
Fuel  
Carburant  
Combustible  
Serbatoio

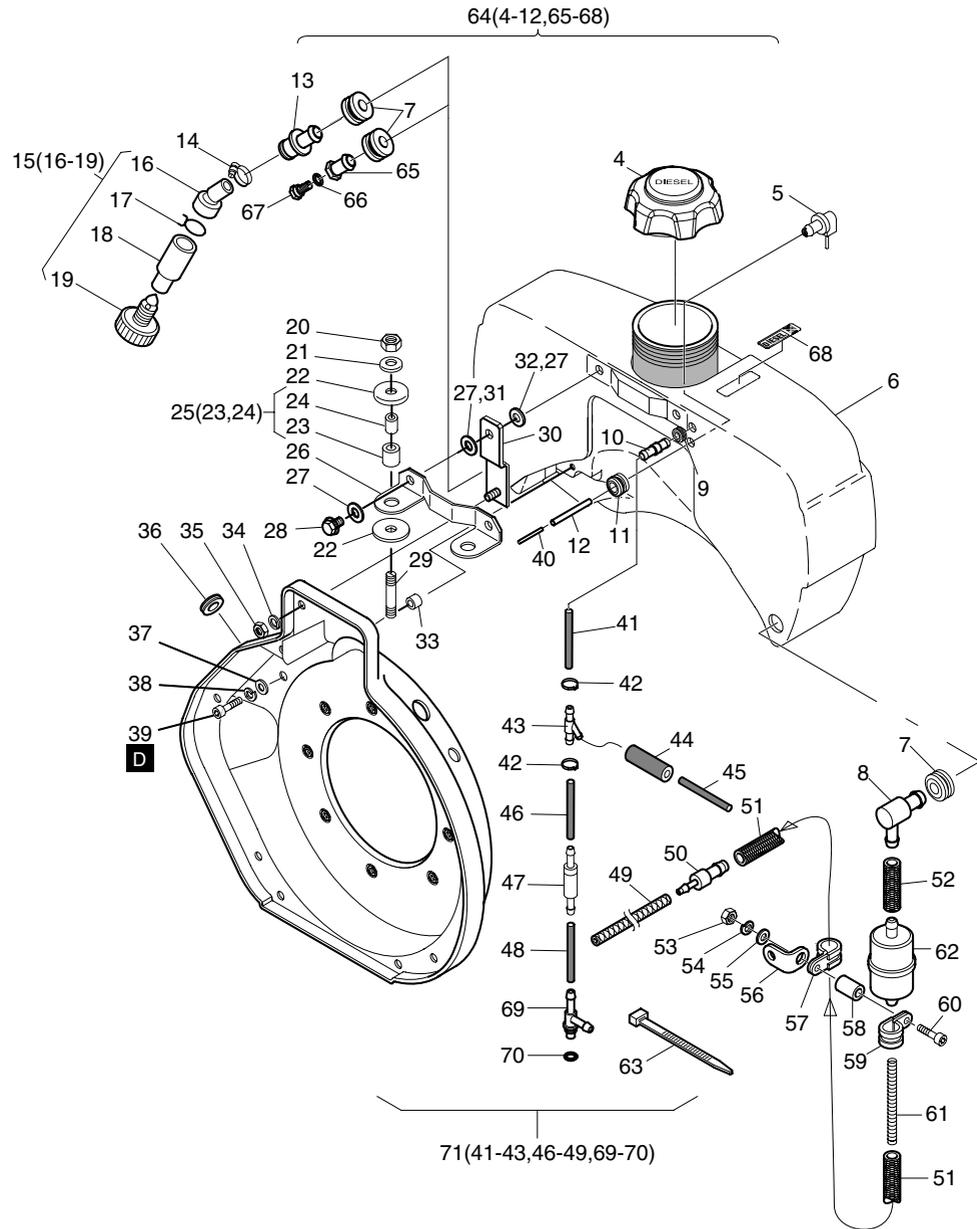


Fig.- No.	HATZ Ident-No.	Stück Qty.					P / W d / D	Bemerkungen Notes
		1B20 EPA II	1B20 NON EPA	1B27 EPA II	1B30 EPA II	1B30 NON EPA		
4	01812900	1	1	1	1	1		
5	01534900	1	1	1	1	1		
6	-----	-	-	-	-	-		
7	50440800	2	2	2	2	2		
8	01794810	1	1	1	1	1		
9	05130400	1	1	1	1	1		
10	05184400	1	1	1	1	1		
11	50440901	1	1	1	1	1		
12	05085601	1	1	1	1	1	1 x 3 x 100	
13	05235800	1	1	1	-	-		
13	05172300	-	-	-	1	1		
14	50448000	1	1	1	1	1		
15	01519402	1	1	1	1	1		
16	05044001	1	1	1	1	1		
17	05036900	1	1	1	1	1		
18	05043901	1	1	1	1	1		
19	50414800	1	1	1	1	1	M 10	
20	40028400	2	2	2	2	2	VM 8 DIN 980-8 C3A	
21	50148100	2	2	2	2	2	8,4 DIN 125-St A3C	
22	05109810	4	4	4	4	4	8,2 x 22 x 2	
23	-----	-	-	-	-	-		
24	05122800	2	2	2	2	2		
25	01655800	2	2	2	2	2		
26	05108511	1	1	1	-	-		
26	05122300	-	-	-	1	1		
27	05110010	4	4	4	4	4	7,1 x 17,9 x 2	
28	01557000	2	2	2	-	-	M 6 x 18	
28	01677100	-	-	-	2	2	M 6 x 20	
29	50231900	2	2	2	2	2	M 8 x 25 DIN 835-8.8 A3C	
30	01331300	2	2	2	2	2		
31	50114300	-	-	-	2	2	6,4 x 17 x 3 DIN 7349 A3C	
32	50120000	2	2	2	-	-	A 6,4 DIN 9021-St A3C	
33	04118800	2	2	2	-	-	6,5 x 13 x 4,8	
34	50170900	2	2	2	2	2	6 DIN 128 - A3C	
35	50144400	2	2	2	2	2	M 6 DIN 934 - 8 A3C	
36	05107700	2	2	2	-	-		
37	50144500	2	2	2	4	4	6,4 DIN 125-St A3C	
38	50170900	2	2	2	4	4	6 DIN 128 - A3C	
39	50170700	2	2	2	-	-	M 6 x 16 DIN 912-8.8 A3C	
39	50149100	-	-	-	4	4	M 6 x 12 DIN 912-8.8 A3C	
40	05085500	1	1	1	1	1	2 x 0,3 x 16	
41	04060410	1	1	1	1	1	5 x 100	
42	50570900	2	2	2	2	2	12,8	
43	05175601	1	1	1	1	1		
44	05213010	1	1	1	1	1	7 x 25	

Z01h

Kraftstoff  
Fuel  
Carburant  
Combustible  
Serbatoio

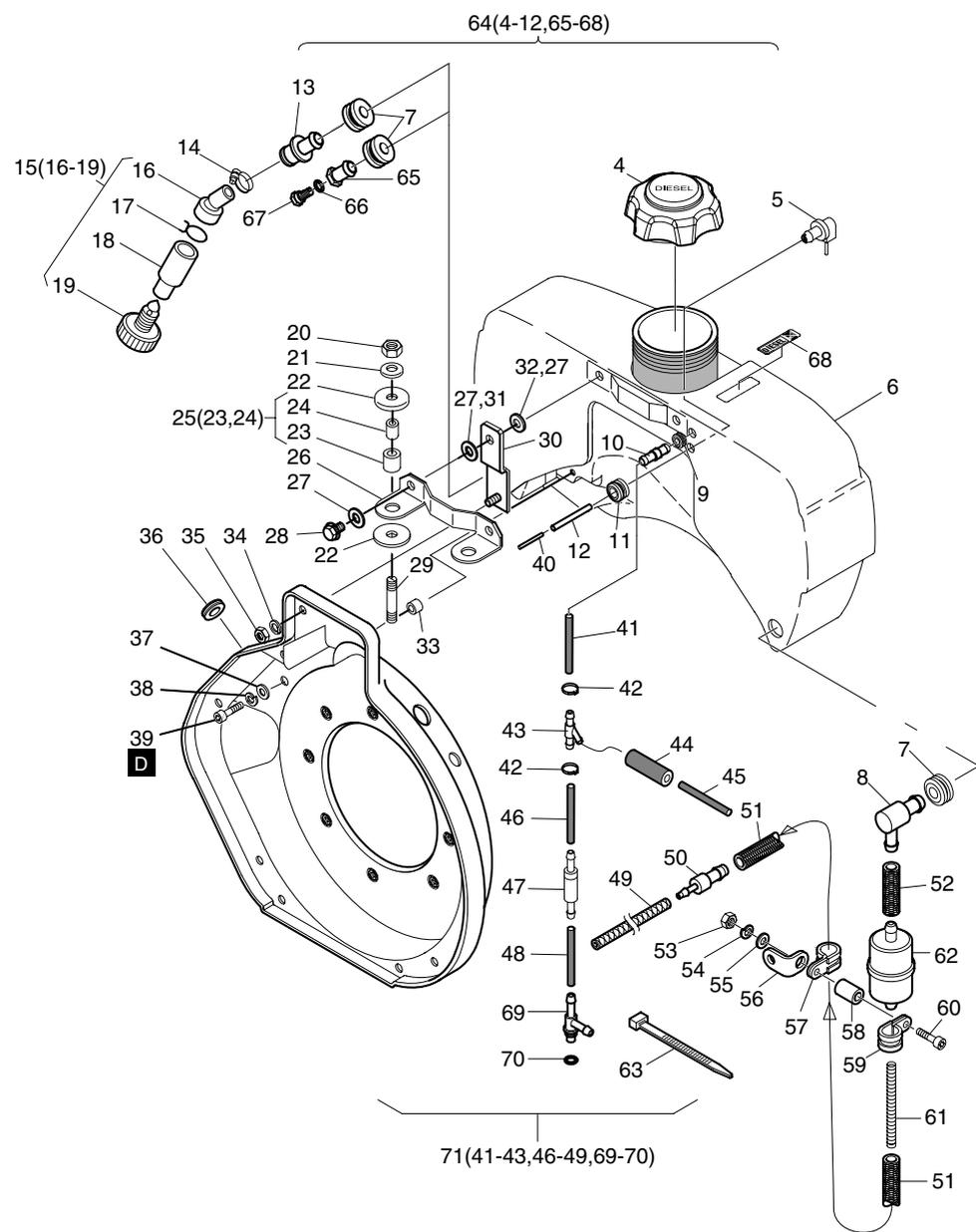


Fig.- No.	HATZ Ident-No.	Stück Qty.					P / W d / D	Bemerkungen Notes
		1B20 EPA II	1B20 NON EPA	1B27 EPA II	1B30 EPA II	1B30 NON EPA		
45	05215000	1	1	1	1	1	2,5 x 195	
46	05310500	1	1	1	-	-	5 x 80	
46	03807110	-	-	-	1	1	5 x 150	
47	00805502	1	1	1	1	1		
48	05123200	1	1	1	1	1	3,5 x 40	
49	03962110	1	1	1	-	-	3,5 x 160 mm	
49	05188310	-	-	-	1	1	3,5 x 170 mm	
50	05306800	1	1	1	1	1		
51	05116600	1	1	1	1	1	7 x 260	
52	05323900	1	1	1	1	1	7 x 50	
53	50144400	1	1	1	1	1	M 6 DIN 934 - 8 A3C	
54	50170900	1	1	1	1	1	6 DIN 128 - A3C	
55	50144500	1	1	1	1	1	6,4 DIN 125-St A3C	
56	03543900	1	1	1	1	1		
57	50158400	1	1	1	1	1	14 / 15	
58	04139000	1	1	1	1	1	6,5 x 12 x 18	
59	50158400	1	1	1	1	1	14 / 15	
60	50182700	1	1	1	1	1	M 6 x 40 DIN 912-8.8 A3C	
61	03210602	1	1	1	1	1		
62	50478800	1	1	1	1	1	Filter	
63	50358400	2	2	2	2	2	200 x 4,8 mm	
64	01949600	1	1	1	-	-	3 l	
64	01949700	-	-	-	1	1	5 l	
65	05235700	1	1	1	-	-		
65	05188200	-	-	-	1	1		
66	50313100	1	1	1	1	1	A 6 x 10 DIN 7603-Cu.	
67	03613600	1	1	1	1	1	M 6 A3C	
68	05235602	1	1	1	1	1	"DIESEL"	
69	01756800	1	1	1	1	1		
70	50154300	1	1	1	1	1	D1 7,5 x 1,5	
71	01694810	1	1	1	-	-		
71	01692810	-	-	-	1	1		

# Z02a

Luftfilter  
Air filter  
Filtre à air  
Filtro de aire  
Filtro aria

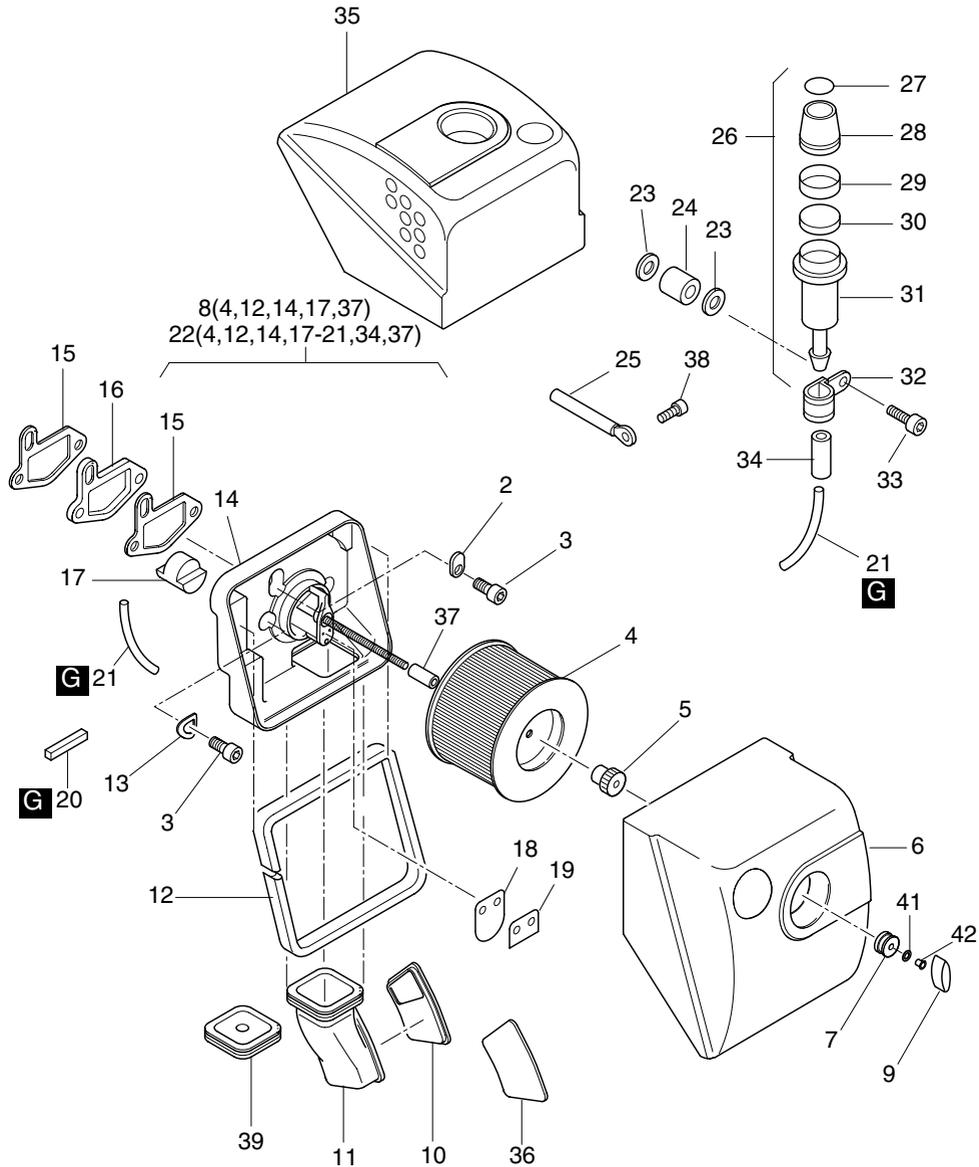


Fig.- No.	HATZ Ident-No.	Stück Qty.					P / W d / D	Bemerkungen Notes
		1B20 EPA II	1B20 NON EPA	1B27 EPA II	1B30 EPA II	1B30 NON EPA		
2	05056400	1	1	1	1	1		
3	50171500	3	3	3	3	3	M 8 x 25 DIN 912-8.8 A3C	
4	50426000	1	1	1	1	1	W2	
5	50454300	1	1	1	1	1	M 6	
6	01699101	1	1	1	-	-		
6	01699301	-	-	-	1	1		
7	50435800	1	1	1	1	1		
8	01607910	1	-	1	1	-		
8	01607901	-	1	-	-	1		
9	50452200	1	1	1	1	1	M 6	
10	04104200	0..1	0..1	0..1	-	-		
10	04116600	-	-	-	0..1	0..1		
11	04103000	0..1	0..1	0..1	-	-		
11	04116501	-	-	-	0..1	0..1		
12	05216100	1	1	1	1	1	545 mm	
13	50095100	2	2	2	2	2	A 8 DIN 137 A3C	
14	-----	-	-	-	-	-		
15	05056300	2	2	2	2	2	d2	
16	05088300	1	1	1	1	1		
17	05098100	1	1	1	1	1		
18	05147100	1	1	1	1	1	(schwarz, black, noir)	
19	05147200	1	1	1	1	1	(rot, red, rouge)	
20	05175000	1	1	1	1	1	14 x 9 x 30	
21	05044610	1	1	1	1	1	2 x 4 x 135	
22	01603610	1	-	1	-	-		
22	01603600	-	1	-	-	-		
22	01668810	-	-	-	1	-		
22	01668800	-	-	-	-	1		
23	50380500	2	2	2	2	2	J 6,4 DIN 6797-A3C	
24	04139000	1	1	1	1	1	6,5 x 12 x 18	
25	05001200	1	1	1	1	1		
26	01499801	1	1	1	1	1	(Pos 27-31)	
27	05044501	1	1	1	1	1		
28	05043601	1	1	1	1	1		
29	05045600	1	1	1	1	1	(grün, green, vert, verde)	
30	05137200	1	1	1	1	1	Filter, Filtre, Filtro ø 20 mm	
31	05043700	1	1	1	1	1		
32	50173500	1	1	1	1	1	10 / 15	
33	50374900	1	1	1	1	1	M 6 x 35 DIN 912-8.8 A3C	
34	03917700	1	1	1	-	-	3,5 x 140	
34	05325300	-	-	-	1	1	3,5 x 170	
35	01699201	1	1	1	-	-		
35	01699401	-	-	-	1	1		
36	04215100	0..1	0..1	0..1	-	-		
36	04215000	-	-	-	0..1	0..1		
37	05166200	1	1	1	1	1	32 mm	
38	50149100	1	1	1	1	1	M 6 x 12 DIN 912-8.8 A3C	
39	05056500	0..1	0..1	0..1	0..1	0..1		
41	50591500	1	1	1	1	1	9 x 15 x 1,0 DIN 988	
42	50591600	1	1	1	1	1	8 x 0,5 x 12 DIN 7340	

# Z02b

Luftfilter für Stampfermotor 1B20 / 27  
 Air filter for tamper engine 1B20 / 27  
 Filtre à air pour moteur de pilonneuse 1B20 / 27  
 Filtro de aire p. motor de pison 1B20 / 27  
 Filtro aria p. motori costipatore verticale 1B20 / 27

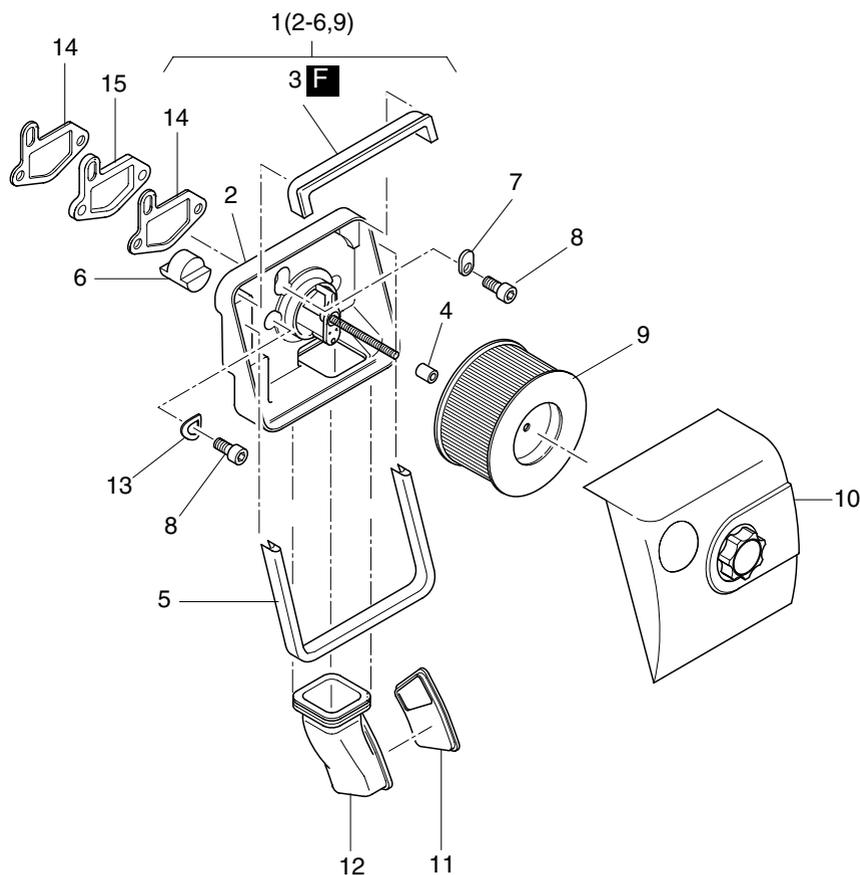


Fig.- No.	HATZ Ident-No.	Stück Qty.			P / W d / D	Bemerkungen Notes
		1B20 EPA II	1B20 NON EPA	1B27 EPA II		
1	01695610	1	-	1		
1	01695600	-	1	-		
2	-----	-	-	-		
3	05082900	1	1	1		
4	05149600	1	1	1		12 mm
5	05056100	1	1	1		365 mm
6	05098100	1	1	1		
7	05056400	1	1	1		
8	50171500	3	3	3		M 8 x 25 DIN 912-8.8 A3C
9	50469000	1	1	1		
10	01746800	1	1	1		
11	04104200	1	1	1		
12	04103000	1	1	1		
13	50095100	2	2	2		A 8 DIN 137 A3C
14	05056300	2	2	2		d2
15	01600300	1	1	1		

Z03c

Abgasdämpfer - 1B20 / 27  
 Exhaust silencer - 1B20 / 27  
 Silencieux - 1B20 / 27  
 Silenciador - 1B20 / 27  
 Marmitta - 1B20 / 27

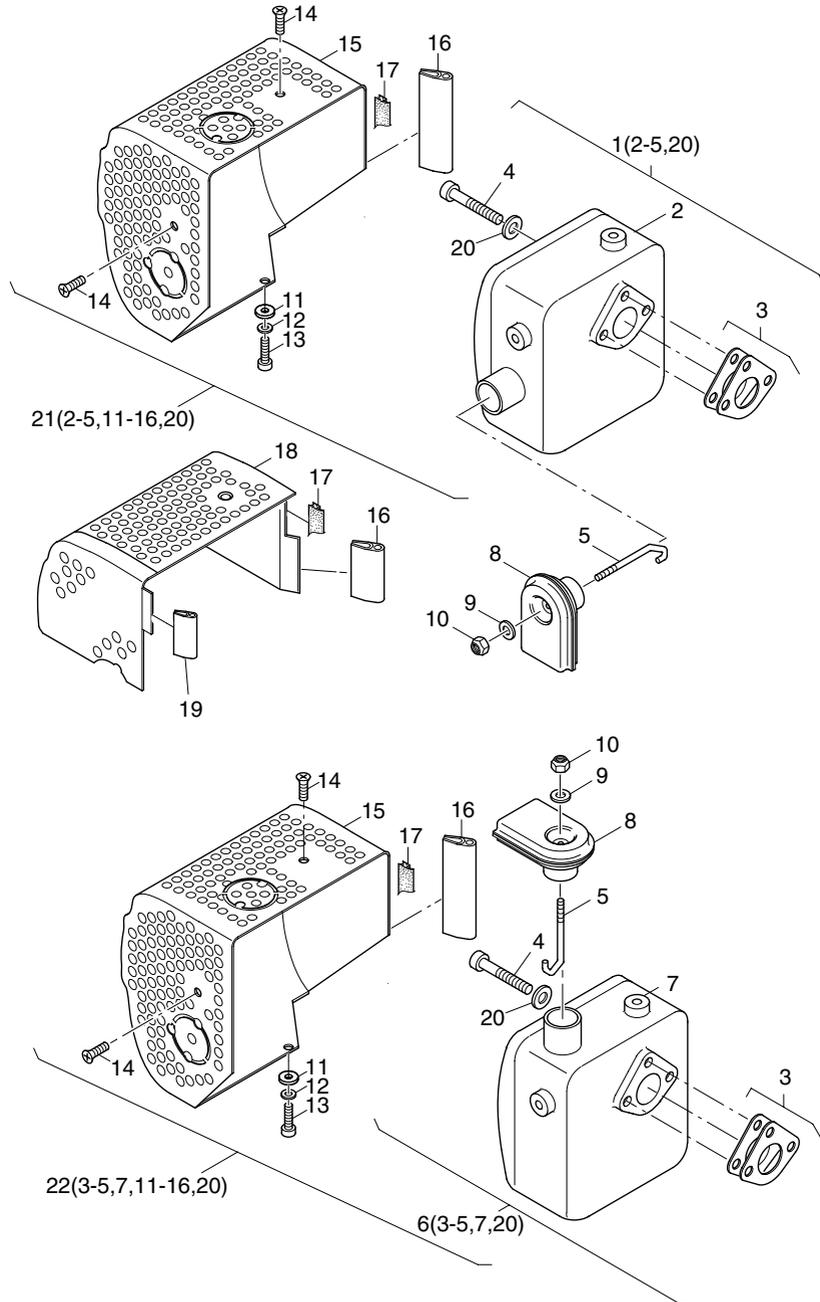


Fig.- No.	HATZ Ident-No.	Stück Qty.			P / W d / D	Bemerkungen Notes
		1B20 EPA II	1B20 NON EPA	1B27 EPA II		
1	01953800	1	1	1		
2	-----	-	-	-		
3	01732501	1	1	1	d1	
4	50403900	3	3	3		M 8 x 25 DIN 912-8.8 C4P
5	05177900	1	1	1		M 6
6	01953900	1	1	1		
7	-----	-	-	-		
8	01531314	1	1	1		
9	50144500	1	1	1		6,4 DIN 125-St A3C
10	40028300	1	1	1		VM 6 DIN 980 C3P
11	50114300	1	1	1		6,4 x 17 x 3 DIN 7349 A3C
12	50170900	1	1	1		6 DIN 128 - A3C
13	50177100	1	1	1		M 6 x 16 DIN 933-8.8 A3C
14	50422501	2	2	2		M 6 x 12 DIN 7991 - 8.8 A3C
15	01870203	1	1	1		
16	05100300	1	1	1		65 mm
17	05135000	1	1	1		33 mm
18	01590600	1	1	1		STAMPFER - RAMMER
19	04123400	1	1	1		38 mm
20	50208500	3	3	3		8 DIN 128 A3C
21	01964500	1	1	1		
22	01964600	1	1	1		

Z03d

Abgasdämpfer - 1B30  
 Exhaust silencer - 1B30  
 Silencieux - 1B30  
 Silenciador - 1B30  
 Marmitta - 1B30

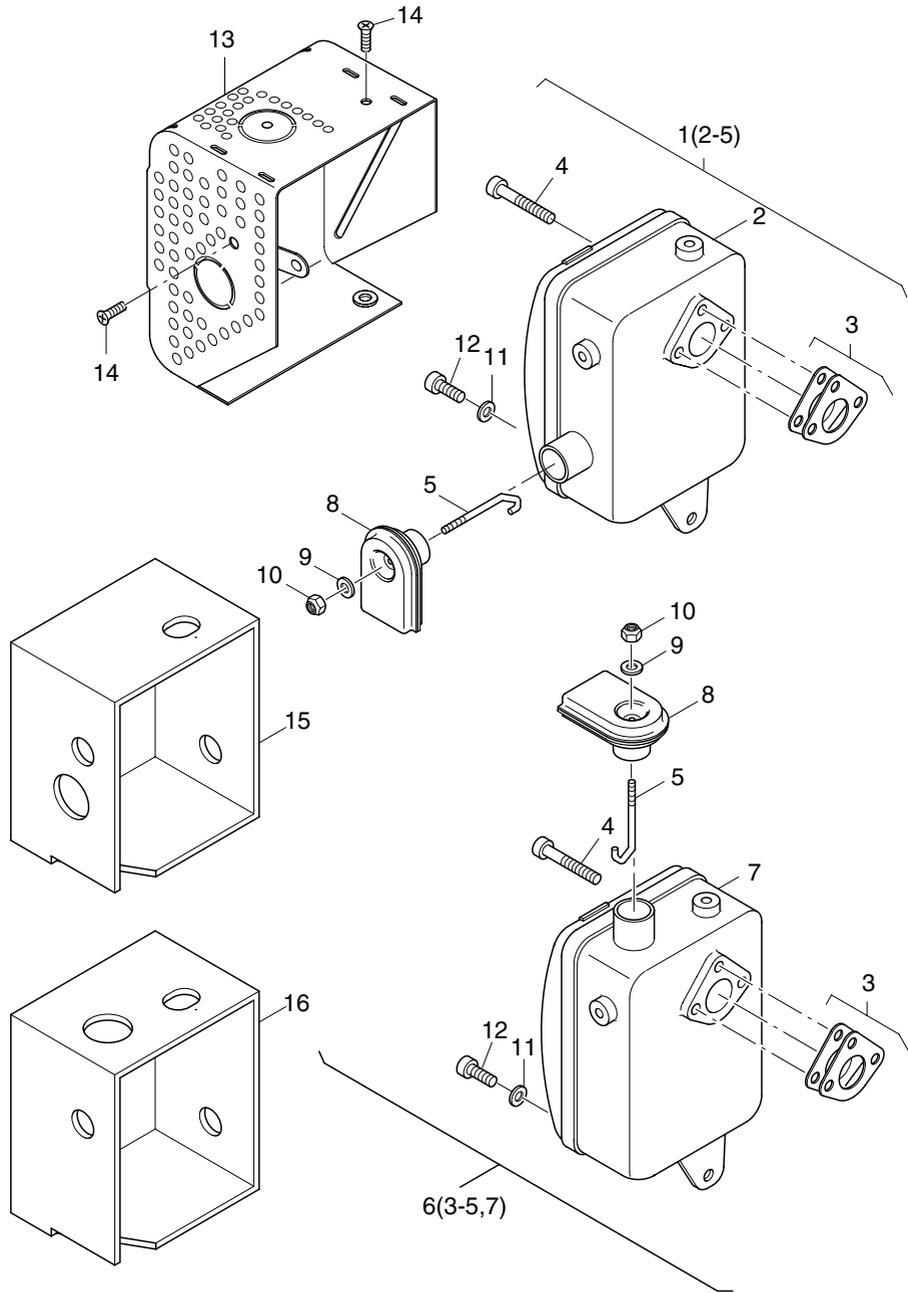


Fig.- No.	HATZ Ident-No.	Stück Qty.		P / W d / D	Bemerkungen Notes
		1B30 EPA II	1B30 NON EPA		
1	01685810	1	1		
2	-----	-	-		
3	01732601	1	1	d1	
4	50403900	3	3		M 8 x 25 DIN 912-8.8 C4P
5	05177900	1	1		M 6
6	01712610	1	1		
7	-----	-	-		
8	01531314	1	1		
9	50144500	1	1		6,4 DIN 125-St A3C
10	40028300	1	1		VM 6 DIN 980 C3P
11	50114300	1	1		6,4 x 17 x 3 DIN 7349 A3C
12	50474200	1	1		M6x16 DIN912-8.8 A3C Tuf.360
13	01645720	1	1		
14	50422501	2	2		M 6 x 12 DIN 7991 - 8.8 A3C
15	01981300	0..1	0..1		"SILENT"
16	01981500	0..1	0..1		"SILENT"

Z05a

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

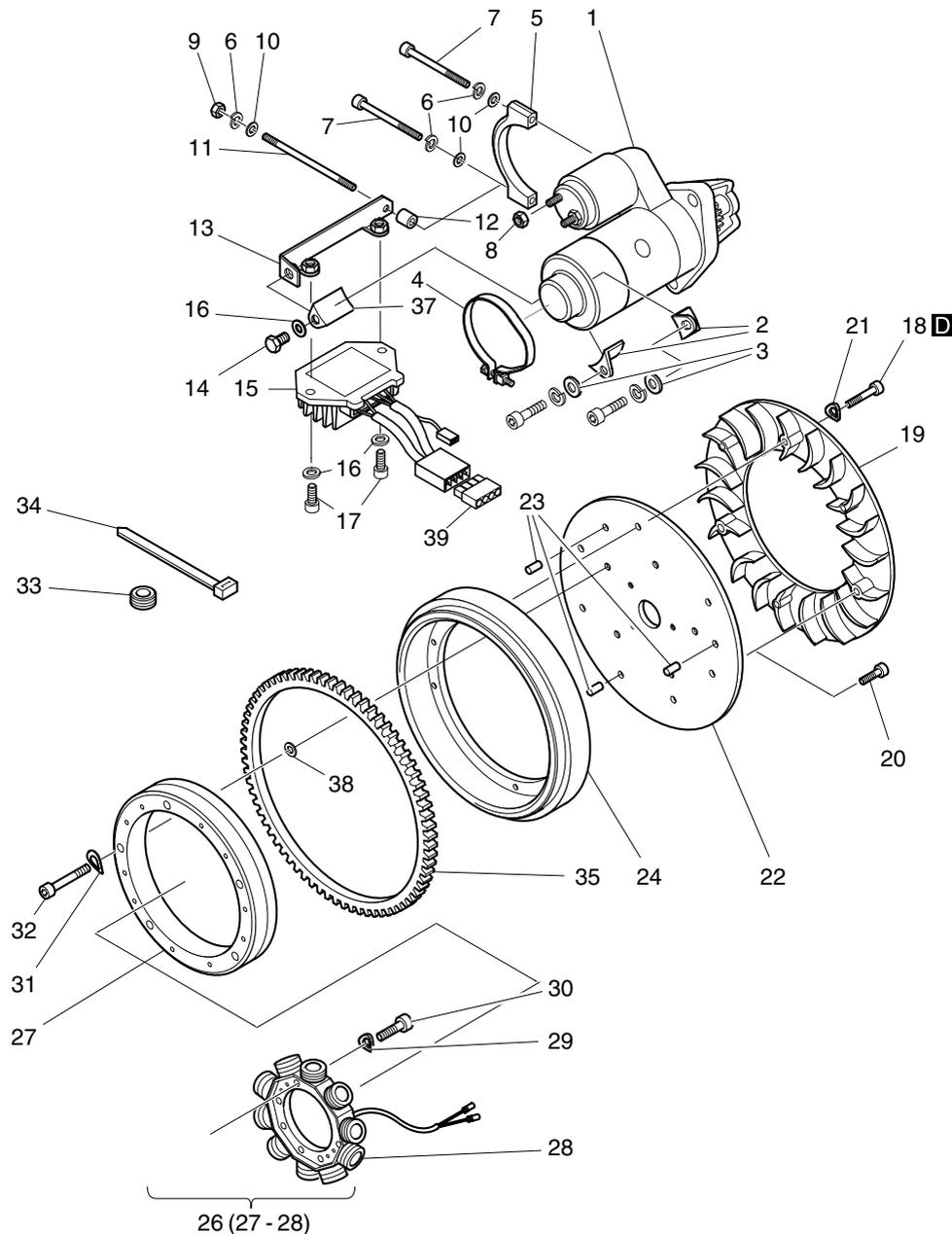


Fig.- No.	HATZ Ident-No.	Stück Qty.					P / W d / D	Bemerkungen Notes
		1B20 EPA II	1B20 NON EPA	1B27 EPA II	1B30 EPA II	1B30 NON EPA		
1	01723400	1	1	1	1	1	12 V - 1,0 kW	
1	50483300	1	1	1	1	1	24 V - 1,6 kW	
2	04138400	2	2	2	2	2		
3	50148100	2	2	2	2	2	8,4 DIN 125-St A3C	
4	50529800	1	1	1	1	1		
5	04099100	1	1	1	1	1		
6	50170900	2	2	2	2	2	6 DIN 128 - A3C	
7	50444300	2	2	2	2	2	M 6 x 80 DIN 912 - 8.8 A3C	
8	50344700	1	1	1	1	1	M 8 DIN 936 - 5 A3C	
9	50144400	1	1	1	1	1	M 6 DIN 934 - 8 A3C	
10	50144500	2	2	2	2	2	6,4 DIN 125-St A3C	
11	50455900	1	1	1	1	1	MFS 6x90 DIN 949 - 1 8.8 A3C	
12	03671400	1	1	1	1	1	7 x 12 x 15	
13	01560900	1	1	1	1	1		
14	50096200	1	1	1	1	1	M 8 x 12 DIN 933 - 8.8 A3C	
15	01983800	1	1	1	1	1	12 V	
15	01983900	1	1	1	1	1	24 V	
16	50148100	3	3	3	3	3	8,4 DIN 125-St A3C	
17	50183000	2	2	2	2	2	M 8 x 35 DIN 912-8.8 A3C	
18	50327300	6	6	6	6	6	M 4 x 20 DIN 912 - 8.8 A3C	
19	04193700	1	1	1	-	-		
19	04193600	-	-	-	1	1		
20	50416800	3	3	3	3	3	M 6 x 16 DIN 912 - 8.8 A3C Tuf.	
21	50003400	6	6	6	6	6	A 4 DIN 137 - ST	
22	04098720	1	1	1	1	1		
23	50035200	3	3	3	3	3	6 x 12 ISO 8752-ST	
24	04098230	1	1	1	-	-		
24	04110120	-	-	-	1	1		
26	01925900	1	1	1	1	1	12 V	
26	01926000	1	1	1	1	1	24 V / 12V o. BATT.	
27	-----	-	-	-	-	-		
28	-----	-	-	-	-	-		
29	50081900	4	4	4	4	4	A 5 DIN 137 A3C	
30	50547000	4	4	4	4	4	M 5 x 25 DIN 912 - 8.8 A3C Tuf.	
31	50081200	5	5	5	5	5	A 6 DIN 137 - A3C	
32	50448700	5	5	5	5	5	M 6 x 30 DIN 6912-8.8 A3C	
33	03565400	1	1	1	-	-		
34	50358400	3	3	3	3	3	200 x 4,8 mm	
35	04098600	1	1	1	-	-		
35	04108000	-	-	-	1	1		
37	04138400	1	1	1	1	1		
38	50114300	5	5	5	5	5	6,4 x 17 x 3 DIN 7349 A3C	
39	50402100	1	1	1	1	1	4-P.	



# Z09a

Drehzahlverstellung  
 Speed control  
 Réglage régime  
 Ajuste de revoluciones  
 Comando acceleratore

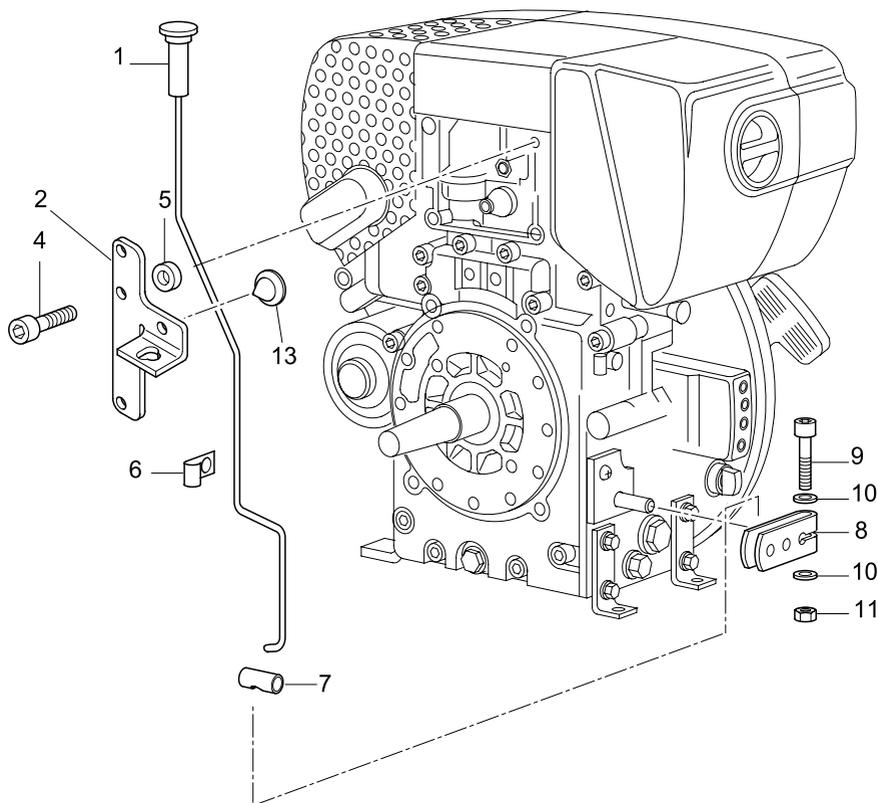
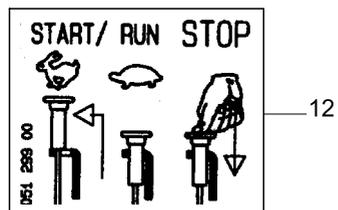


Fig.- No.	HATZ Ident-No.	Stück Qty.					P / W d / D	Bemerkungen Notes
		1B20 EPA II	1B20 NON EPA	1B27 EPA II	1B30 EPA II	1B30 NON EPA		
1	01575121	1	1	1	1	1		
2	05141102	1	1	1	1	1		
4	50462900	2	2	2	2	2	M 6 x 20 DIN 6912 - 8.8 A3C	
5	03354600	2	2	2	2	2	7 x 12 x 8	
6	05124600	1	1	1	1	1		
7	05118500	1	1	1	1	1		
8	05117700	1	1	1	1	1		
9	50511900	1	1	1	1	1	M 5 x 30 DIN 912 - 8.8 A3C	
10	50216300	2	2	2	2	2	5,3 DIN 125-St A3C	
11	50094300	1	1	1	1	1	M 5 DIN 934-8 A3C	
12	05129900	1	1	1	1	1		
13	50482900	1	1	1	1	1		

# Z09b

Drehzahlverstellung für Bowdenzug  
 Speed control for bowdencable  
 Reglage regime pour câble bowden  
 Ajuste de revoluciones para cable bowden  
 Comando acceleratore per bowden

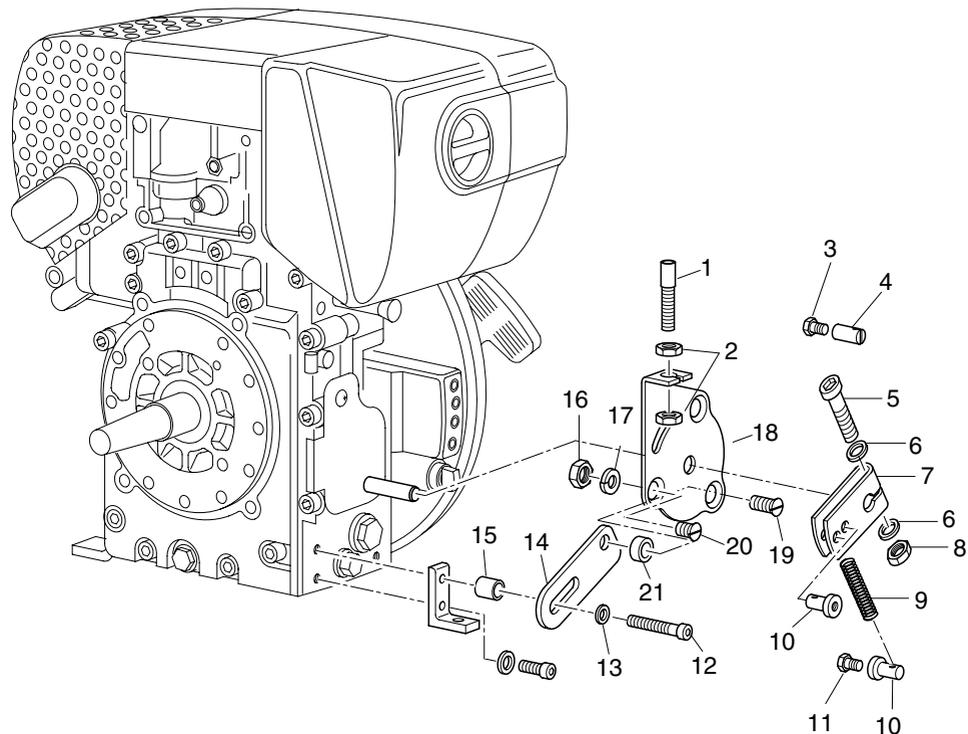


Fig.- No.	HATZ Ident-No.	Stück Qty.					P / W d / D	Bemerkungen Notes
		1B20 EPA II	1B20 NON EPA	1B27 EPA II	1B30 EPA II	1B30 NON EPA		
1	05141200	1	1	1	1	1	M 6	
2	50144400	2	2	2	2	2	M 6 DIN 934 - 8 A3C	
3	50025000	1	1	1	1	1	M 4 x 10 DIN 933-8.8 A3C	
4	50483000	1	1	1	1	1	2,2 NR. 1120	
5	50511900	1	1	1	1	1	M 5 x 30 DIN 912 - 8.8 A3C	
6	50216300	2	2	2	2	2	5,3 DIN 125-St A3C	
7	05117700	1	1	1	1	1		
8	50094300	1	1	1	1	1	M 5 DIN 934-8 A3C	
9	50484600	1	1	1	1	1	VD-179 E	
10	50483100	2	2	2	2	2	2,2 NR. 1450	
11	50025000	1	1	1	1	1	M 4 x 10 DIN 933-8.8 A3C	
12	50248800	1	1	1	1	1	M 8 x 60 DIN 912 - 8.8 A3C	
13	50148100	1	1	1	1	1	8,4 DIN 125-St A3C	
14	05117500	1	1	1	1	1		
15	03520600	1	1	1	1	1	9 x 14 x 20	
16	50328300	1	1	1	1	1	VM 6 DIN 980-8 A3C	
17	50208500	1	1	1	1	1	8 DIN 128 A3C	
18	05117610	1	1	1	1	1		
19	50423900	1	1	1	1	1	M 6 x 20 DIN 7991-10.9 A3C	
20	50380800	1	1	1	1	1	M 6 x 10 DIN 7991 -8.8 A3C	
21	03292900	1	1	1	1	1	8,2 x 11 x 12	

# Z09c

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

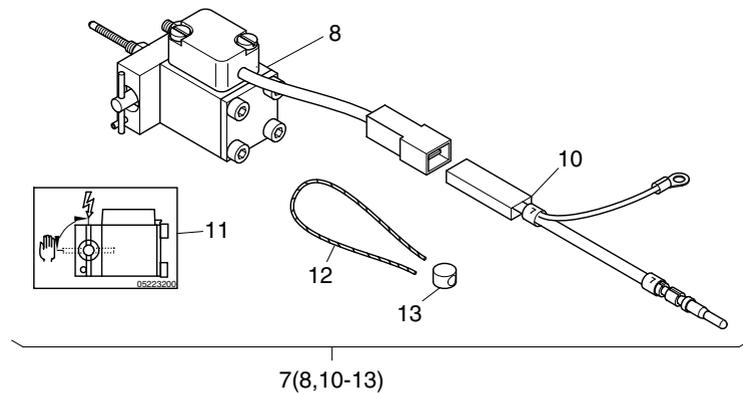
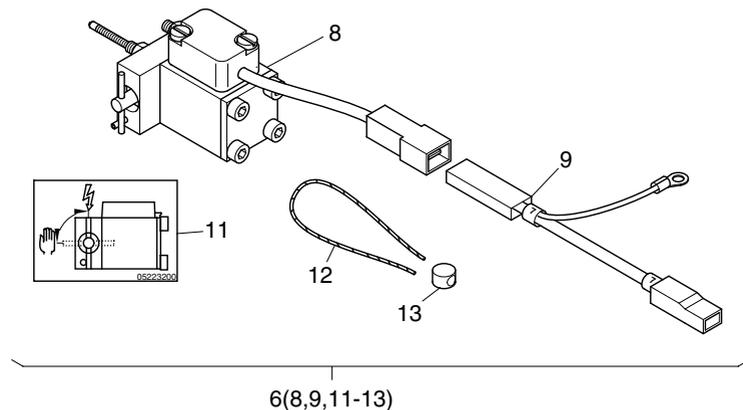
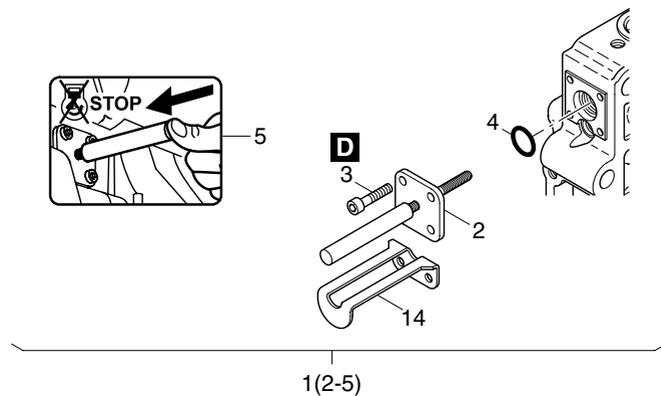


Fig.- No.	HATZ Ident-No.	Stück Qty.					P / W d / D	Bemerkungen Notes
		1B20 EPA II	1B20 NON EPA	1B27 EPA II	1B30 EPA II	1B30 NON EPA		
1	01786400	1	1	1	1	1		
2	-----	-	-	-	-	-		
3	50446900	4	4	4	4	4	M 4 x 16 DIN 912-8.8 A3C Tuf.	
4	50329000	1	1	1	1	1	9,5 x 2,5	
5	05221301	1	1	1	1	1	Hinweisschild	
6	01786001	1	1	1	1	1	12V	
6	01786201	1	1	1	1	1	24V	
7	01786101	1	1	1	1	1	12V	
7	01786301	1	1	1	1	1	24V	
8	-----	-	-	-	-	-		
9	01547101	1	1	1	1	1		
10	01548201	1	1	1	1	1		
11	05223200	1	1	1	1	1		
12	40021500	1	1	1	1	1	0,5 / 0,3 x 200	
13	40021400	1	1	1	1	1	8 mm ø	
14	05307200	1	1	1	1	1		

Z18

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

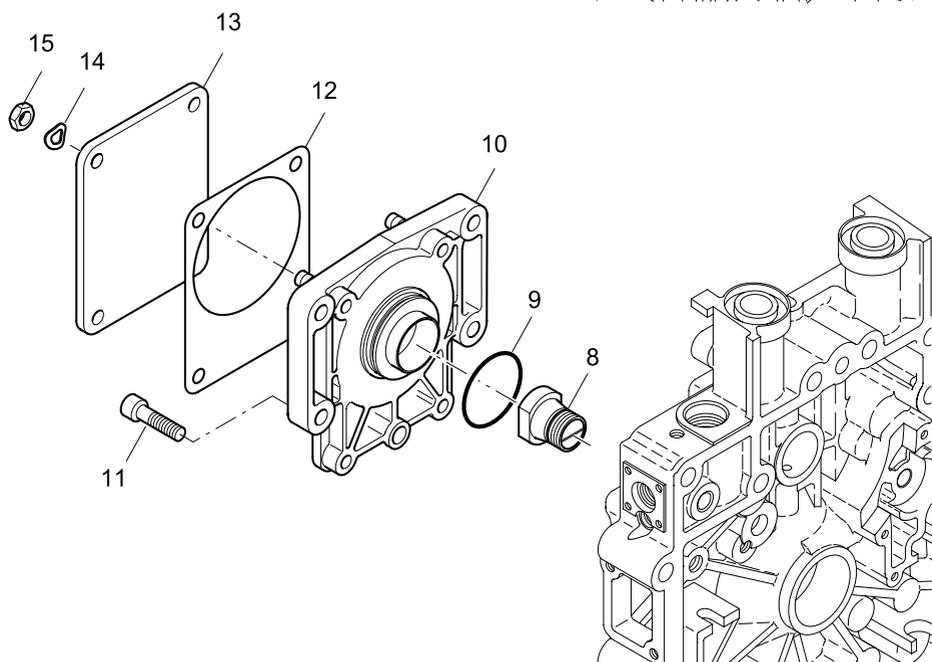
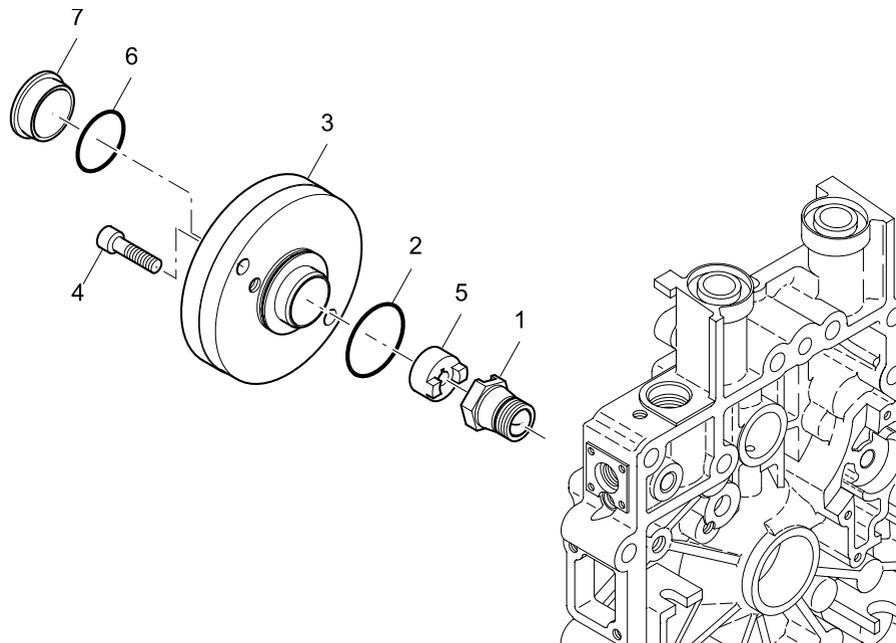


Fig.- No.	HATZ Ident-No.	Stück Qty.				P / W d / D	Bemerkungen Notes
		1B20 EPA II	1B20 NON EPA	1B30 EPA II	1B30 NON EPA		
1	01558100	1	1	1	1		
2	50454500	1	1	1	1	44 x 1,5	
3	05115000	1	1	1	1		
4	50175900	2	2	2	2	M 8 x 30 DIN 912-8.8 A3C	
5	05114700	1	1	1	1		
6	50288200	1	1	1	1	32 x 2,5	
7	50163101	1	1	1	1	F 25 ø 31,8	
8	01558000	1	1	1	1		
9	50454500	1	1	1	1	44 x 1,5	
10	01664800	1	1	1	1		
11	50494300	4	4	4	4	M 8 x 20 DIN 912-8.8 Tuf.	
12	03568000	1	1	1	1		
13	03761600	1	1	1	1		
14	50095100	4	4	4	4	A 8 DIN 137 A3C	
15	50148000	4	4	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

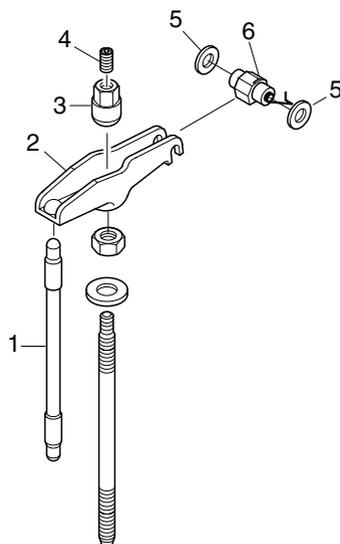
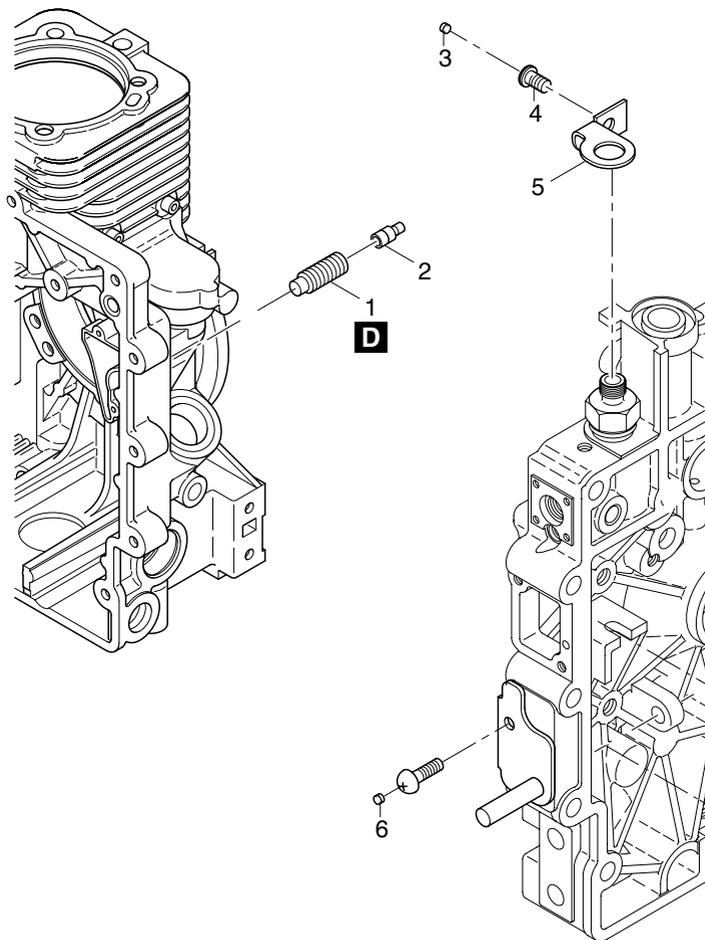


Fig.- No.	HATZ Ident-No.	Stück Qty.					P / W d / D	Bemerkungen Notes
		1B20 EPA II	1B20 NON EPA	1B27 EPA II	1B30 EPA II	1B30 NON EPA		
1	01374201	2	2	2	-	-		
1	01374101	-	-	-	2	2		
2	05050902	2	2	2	-	-		
2	05283500	-	-	-	2	2		
3	05054700	2	2	2	2	2		
4	50513100	2	2	2	2	2		
5	05240700	0..4	0..4	0..4	0..4	0..4	W2 M 8 x 10 DIN 916 - 45 H 6 x 12 x 1,35 6 x 12 x 1,2 DIN 988	
5	50445100	0..4	0..4	0..4	0..4	0..4		
6	01776000	2	2	2	2	2		

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

Fig.- No.	HATZ Ident-No.	Stück Qty.					P / W d / D	Bemerkungen Notes
		1B20 EPA II	1B20 NON EPA	1B27 EPA II	1B30 EPA II	1B30 NON EPA		
1	04198700	1	-	1	1	-		
2	04150500	1	-	1	1	-	6	
3	04170600	1	-	1	1	-	4,15	
4	50495000	1	-	1	1	-	M 6 x 12 DIN 7380-10.9 A3C	
5	04185301	1	-	1	1	-		
6	05201500	1	-	1	1	-	3	



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

**IMT-No.**

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1B20.10	1B20.11	97.566
1B20.11	1B20.12	97.567
1B20.12	1B20.13	97.568
1B20.13	1B20.14	97.569
1B20.14	1B20.15	98.573
1B20.15	1B20.16	98.574
1B20.16	1B20.17	98.575
1B20.17	1B20.18	98.576
1B20.18	1B20.19	98.577
1B20.19	1B20.20	98.580
1B20.20	1B20.21	99.588
1B20.21	1B20.22	00.590
1B20.22	1B20.23	00.594
1B20.23	1B20.24	00.598
1B20.24	1B20.25	00.601
1B20.25	1B20.26	01.613
1B20.26	1B20.27	02.617
1B20.27	1B20.28	02.619
1B20.28	1B20.29	05.641
1B20.29	1B20.30	05.650
1B20.30	1B20.31	07.667
1B30.10	1B30.11	98.573
1B30.11	1B30.12	98.575
1B30.12	1B30.13	98.576
1B30.13	1B30.14	98.577
1B30.14	1B30.15	98.580
1B30.15	1B30.16	99.585
1B30.16	1B30.17	99.586
1B30.17	1B30.18	99.589
1B30.18	1B30.19	00.598
1B30.19	1B30.20	00.606
1B30.20	1B30.21	00.607
1B30.21	1B30.22	01.613
1B30.22	1B30.23	02.617
1B30.23	1B30.24	05.641
1B30.24	1B30.25	05.651