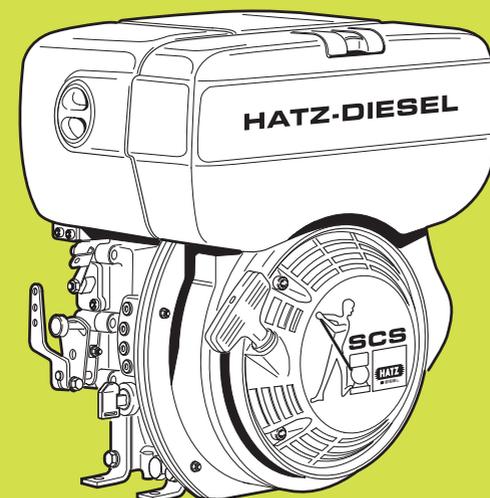




MOTORENFABRIK HATZ • D-94099 Ruhstorf • Germany  
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eMail: [marketing@hatz-diesel.com](mailto:marketing@hatz-diesel.com) • <http://www.hatz-diesel.com>

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



**1B40**  
**1B50**

434 840 15- 06.08- 3  
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:  
Servicio HATZ más cercano:  
Più vicino centro di servizio HATZ:

[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 40.10 EPA II**     **1 B 40.14 NON EPA**   
**1 B 50.11 EPA II**

Beispiel: / Example: / Exemple: / Ejemplo: / Esempio: MOTOR/FABRIK NO. - **1101408123456** (=1B40.14 EPA II)  
MOTOR/FABRIK NO. - **3041408123456** (=1B40.14 NON EPA)  
MOTOR/FABRIK NO. - **1241108123456** (=1B50.11 EPA II)

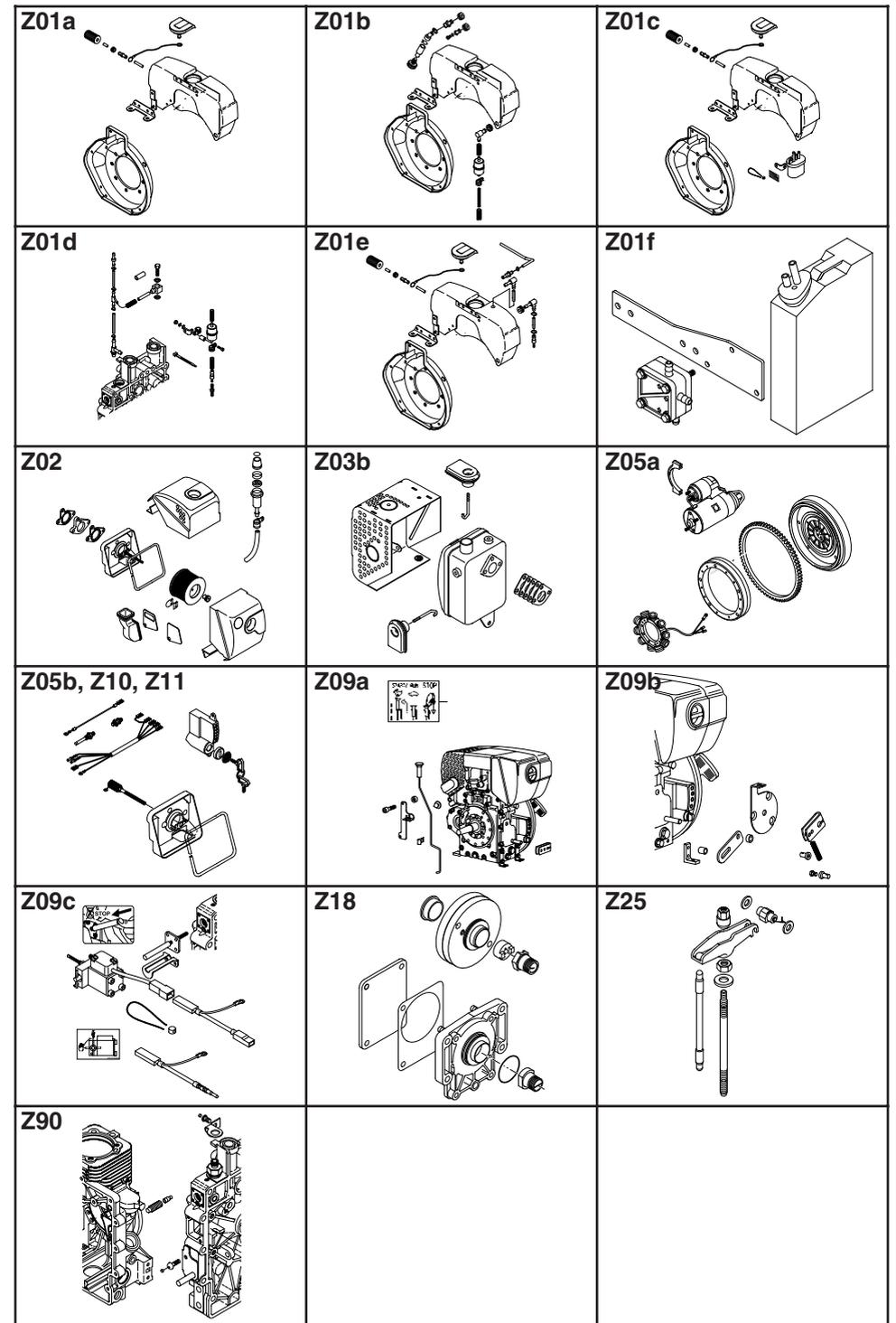
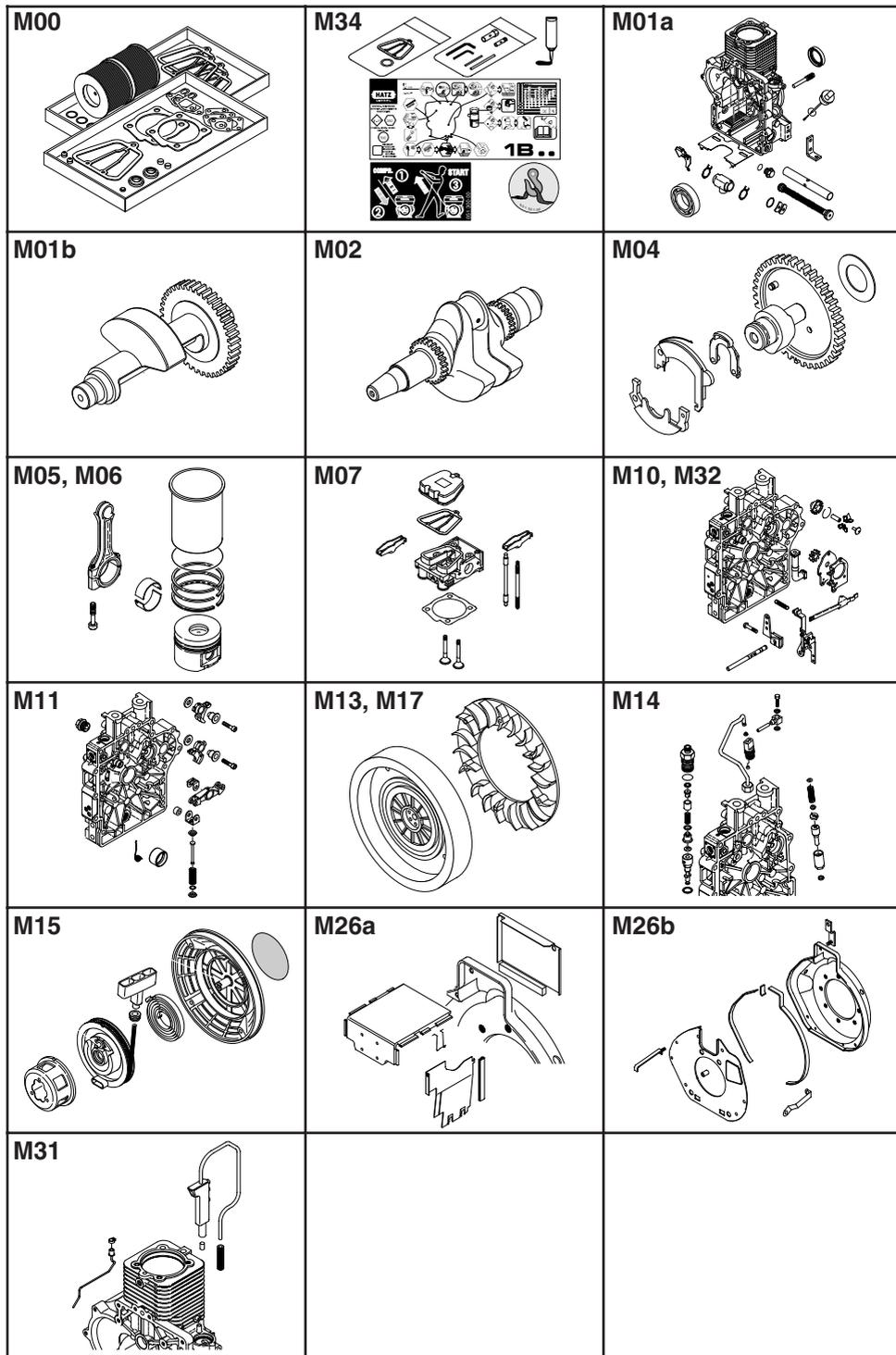
Verwenden Sie nur **Original HATZ-Ersatzteile**. Nur diese Teile garantieren einwandfreie Maßhaltigkeit und Qualität.

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

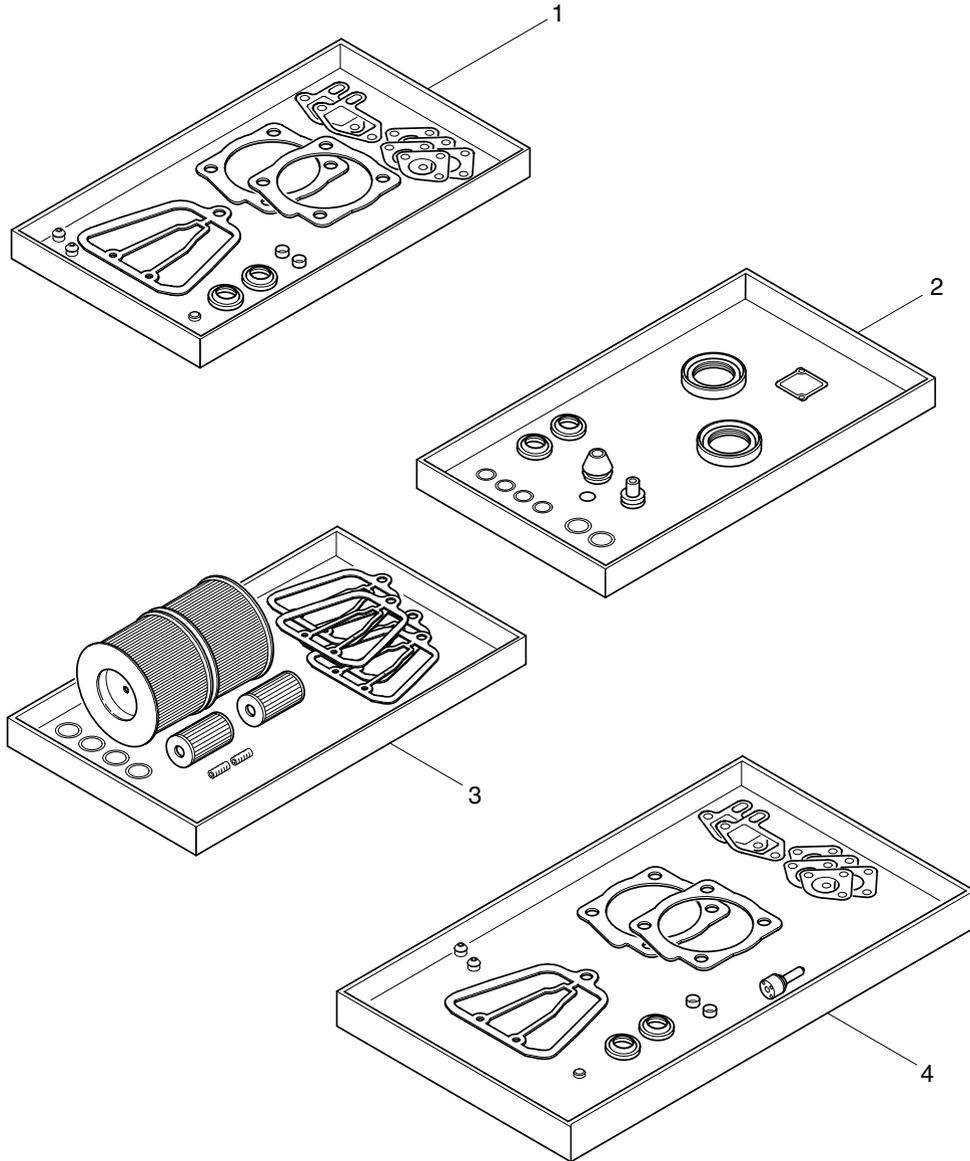


Fig.- No.	HATZ Ident-No.	Stück Qty.			P / W d / D	Bemerkungen Notes
		1B40 EPA II	1B40 NON EPA	1B50 EPA II		
		W: Im Wartungssatz enthalten. Incl. in maintenance kit. Contenu dans le jeu d'entretien. Incluido en el juego de mantenimiento. Contenuto nella serie manutenzione.				
		d: Im Dichtungssatz 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: Im Pannensatz enthalten. Incl. in emergency kit. Contenu dans le jeu secur. Incluido en el juego para averias. Contenuto nella serie di prima necessità.				
		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.				
		1: Anzahl pro Satz - Qty. per kit Quantite p. jeu - Cantidad p. juego. Quantità per serie				
1	01679203	1	1	-	P 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	01940000	-	-	1		
2	01679302	1	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	01679400	1	1	1		Wartungssatz für 1000 h 1000 hours maintenance kit Kit d'entretien 1000 heures - Juego de piezas para servicio 1000 horas Kit di manutenzione a 1000 ore
4	01679510	1	-	-		Pannensatz - Emergency kit
4	01849810	-	1	-		Kit de secours-Juego para averias
4	01940100	-	-	1		Kit di prima necessità

M34

Zubehör  
Accessories  
Accessoires  
Accessorios  
Kit accessori

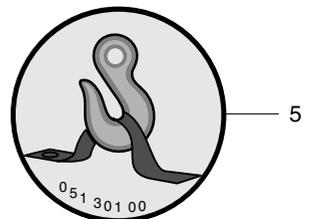
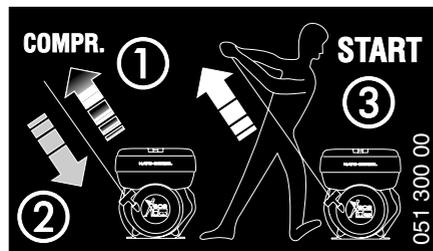
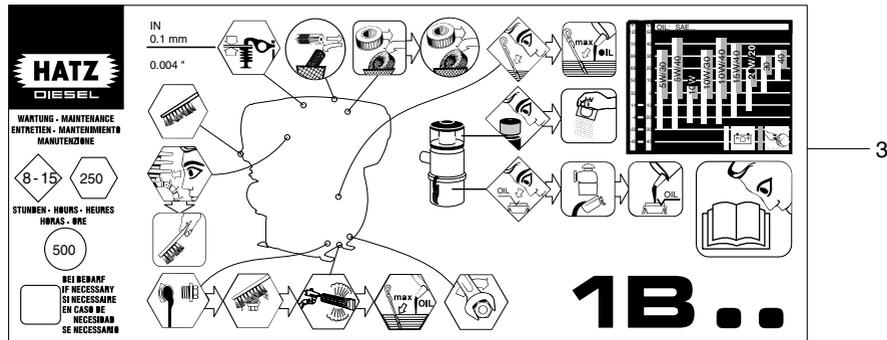
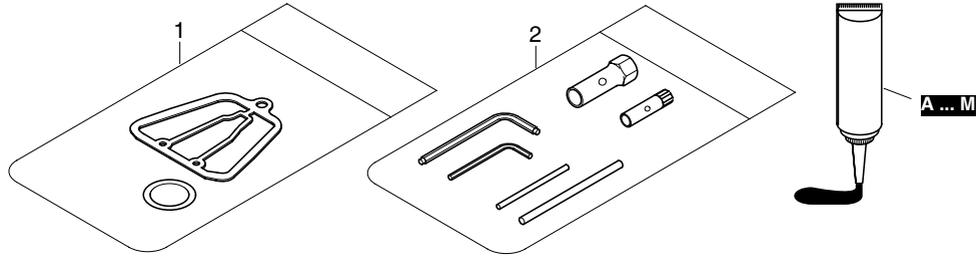


Fig.- No.	HATZ Ident-No.	Stück Qty.			P / W d / D	Bemerkungen Notes
		1B40 EPA II	1B40 NON EPA	1B50 EPA II		
1	01329701	1	1	1		Zubehörsatz - Accessoires kit Werkzeugsatz - Tool set 160 x 67mm
2	01330901	1	1	1		
3	05110404	1	1	1		
4	05130000	1	1	1		
5	05130100	1	1	1		

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
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

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

**M01a**

Kurbelgehäuse  
Crankcase  
Carter moteur  
Caja cigueñal  
Basamento motore

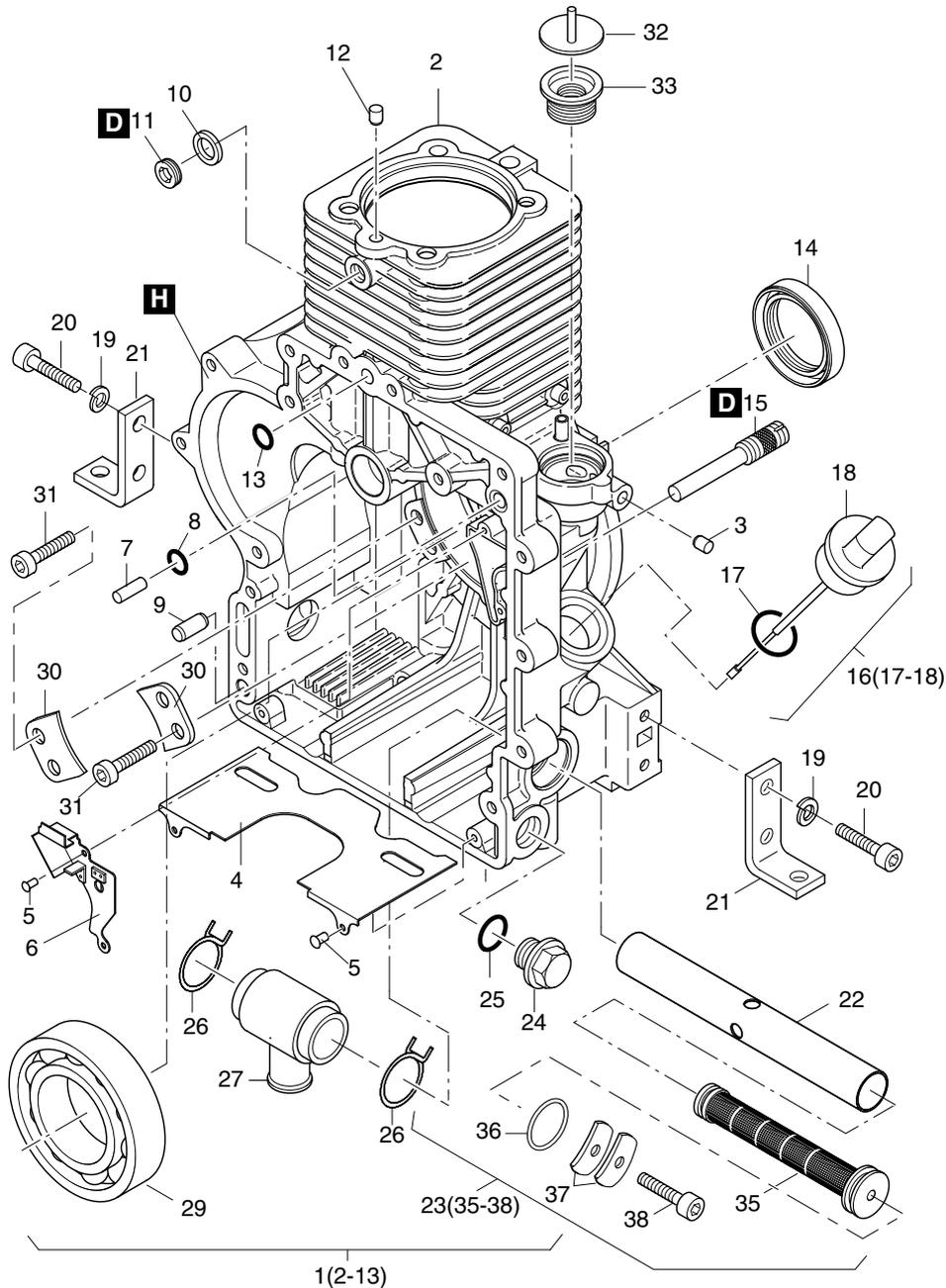
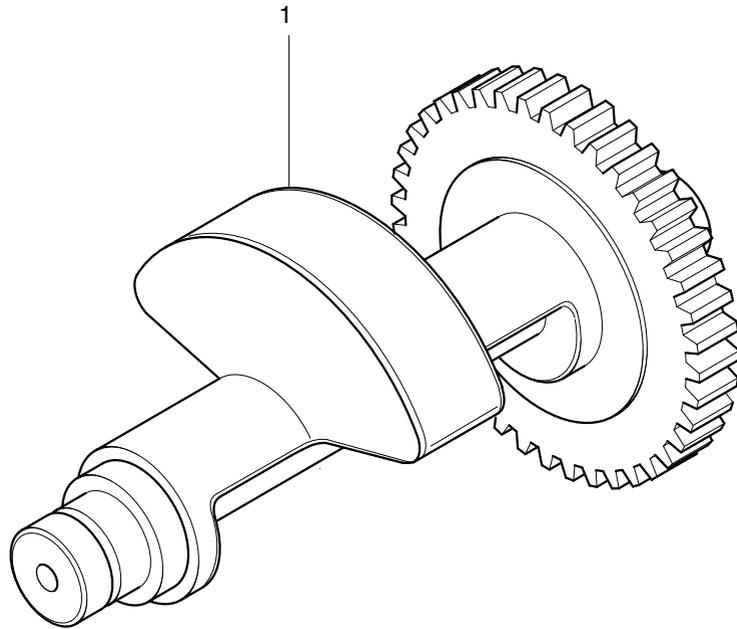


Fig.- No.	HATZ Ident-No.	Stück Qty.			P / W d / D	Bemerkungen Notes
		1B40 EPA II	1B40 NON EPA	1B50 EPA II		
1	01679100	1	1	-		
1	01946500	-	-	1		
2	-----	-	-	-		
3	-----	-	-	-		
4	04141600	1	1	1		
5	40002600	4	4	4		3,2
6	01336400	1	1	1		
7	50502801	1	1	1		8 M 6 x 24 DIN 6325 2 Fasen
8	50440300	1	1	1	D1	8 x 1,5
9	50249102	1	1	1		8 M 6 x 20 2-Fasen
10	50062400	1	1	1		A 10 x 13,5 DIN 7603-Cu
11	50062300	1	1	1		M 10 x 1 DIN 908-5.8 A3C
12	-----	-	-	-		
13	40022300	1	1	1	D1	8 x 2
14	50479000	1	1	1	D1	45 x 60 x 8
15	04144401	1	1	1		
16	01342800	1	1	1		
17	04125000	1	1	1	D1	26 x 35 x 3
18	-----	-	-	-		
19	50208500	8	8	8		8 DIN 128 A3C
20	04219500	8	8	8		M 8 x 40
21	04144701	4	4	4		
22	04141500	1	1	1		
23	01542703	1	1	1		
24	50373100	1	1	1		
25	50001600	1	1	1	D1	AM22x1,5DIN7604A3C MAGN. A 22 x 27 DIN 7603 Cu
26	05036900	2	2	2		
27	04163000	1	1	1		
29	50478900	1	1	1		6310 C4 DIN 625
30	04133800	3	3	3		
31	50564200	6	6	6		M6x18 DIN 6912 - 8.8 PRE 80-8
32	01555800	1	1	1		
33	03568701	1	1	1		
35	-----	-	-	-		
36	50475901	1	1	1	D1, W1	20 x 4
37	05148200	2	2	2		
38	50170700	1	1	1		M 6 x 16 DIN 912-8.8 A3C

**M01b**

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

Fig.- No.	HATZ Ident-No.	Stück Qty.			P / W d / D	Bemerkungen Notes
		1B40U EPA II	1B40U NON EPA	1B50U EPA II		
1	01349201	1	1	1		



**M02**

Kurbelwelle  
Crankshaft  
Vilebrequin  
Cigüeñal  
Albero a gomito

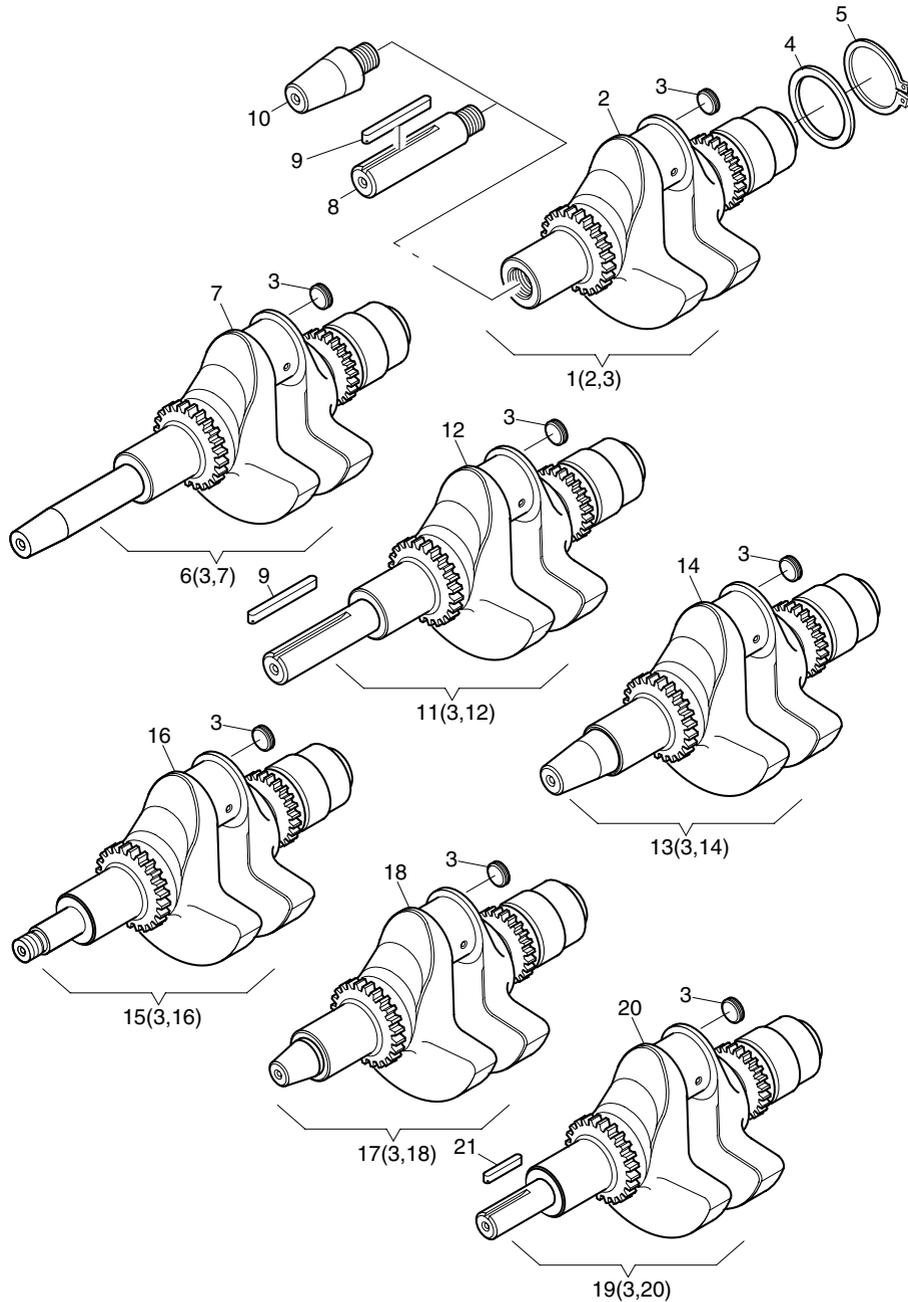


Fig.- No.	HATZ Ident-No.	Stück Qty.			P / W d / D	Bemerkungen Notes
		1B40 EPA II	1B40 NON EPA	1B50 EPA II		
1	01359401	1	1	1		"U" Nr.X
2	-----	-	-	-		
3	50529700	1	1	1		14 DIN 443 St
4	50481400	1	1	1		50 x 62 x 3,0
5	50021800	1	1	1		A 50 x 2 DIN 471
6	01349301	1	1	1		"U" Nr.4 SAE ø 7/8"
7	-----	-	-	-		
8	05127620	1	1	-		Nr. 2 - ø 1" zyl., cil.
9	05141600	1	1	1		A 6,35 x 61
10	05099700	1	1	-		Nr. 6 ital. 23 keg., con.
11	01359201	1	1	1		"U" Nr. 2
12	-----	-	-	-		
13	01359601	1	1	1		"U" Nr.6 ital.23, keg., con.
14	-----	-	-	-		
15	01931900	1	1	1		"U" Nr. 1 - ø 1"
16	-----	-	-	-		
17	01896100	1	1	1		"U" Nr. 3 keg., con. Ø 30
18	-----	-	-	-		
19	01896200	1	1	1		"U" Nr. 9 ø 25 zyl., cil.
20	-----	-	-	-		
21	05306100	1	1	1		7 x 7 x 35

**M04**

Nockenwelle  
Camshaft  
Arbre à cames  
Arbol de levas  
Albero a camme

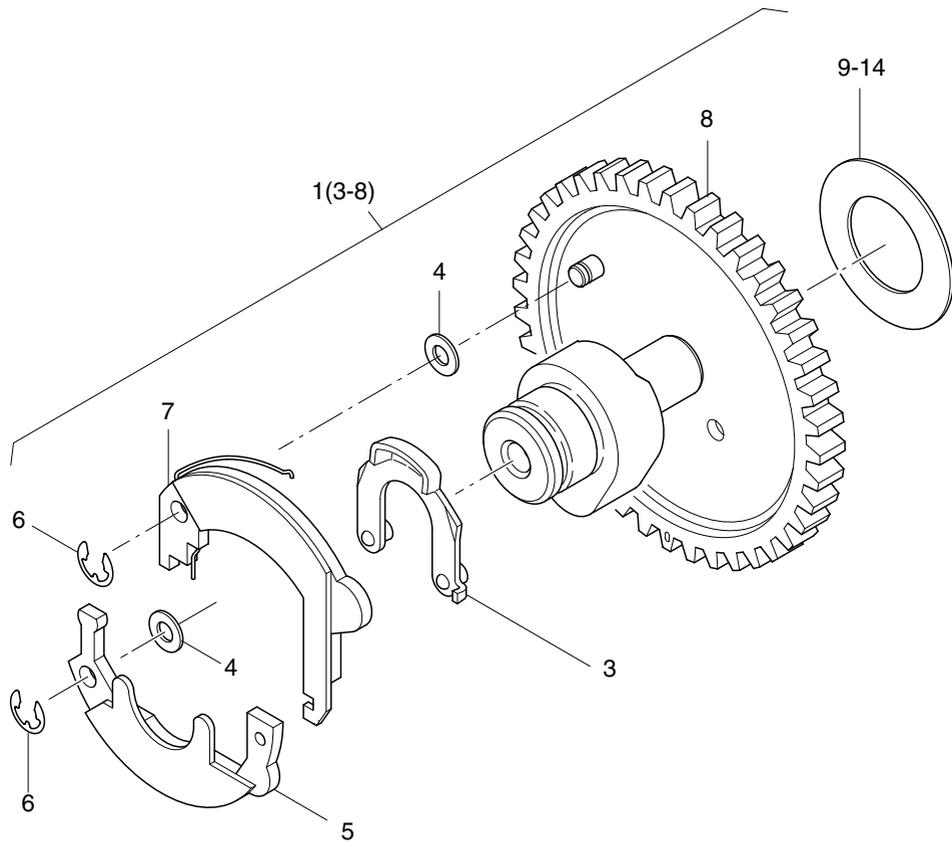


Fig.- No.	HATZ Ident-No.	Stück Qty.			P / W d / D	Bemerkungen Notes
		1B40 EPA II	1B40 NON EPA	1B50 EPA II		
1	01345003	1	1	1		
3	01326401	1	1	1		
4	50123200	2	2	2		5 x 10 x 0,5 DIN 988
5	01326600	1	1	1		
6	50255300	2	2	2		3,2 DIN 6799
7	01326501	1	1	1		
8	-----	-	-	-		
9	04121700	0... 1	0... 1	0... 1		0,9 mm 23 x 38 x 0,9
10	04112100	0... 1	0... 1	0... 1		1,0 mm 23 x 38 x 1,0
11	04112200	0... 1	0... 1	0... 1		1,1 mm 23 x 38 x 1,1
12	04112300	0... 1	0... 1	0... 1		1,2 mm 23 x 38 x 1,2
13	04125100	0... 1	0... 1	0... 1		1,3 mm 23 x 38 x 1,3
14	04125200	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

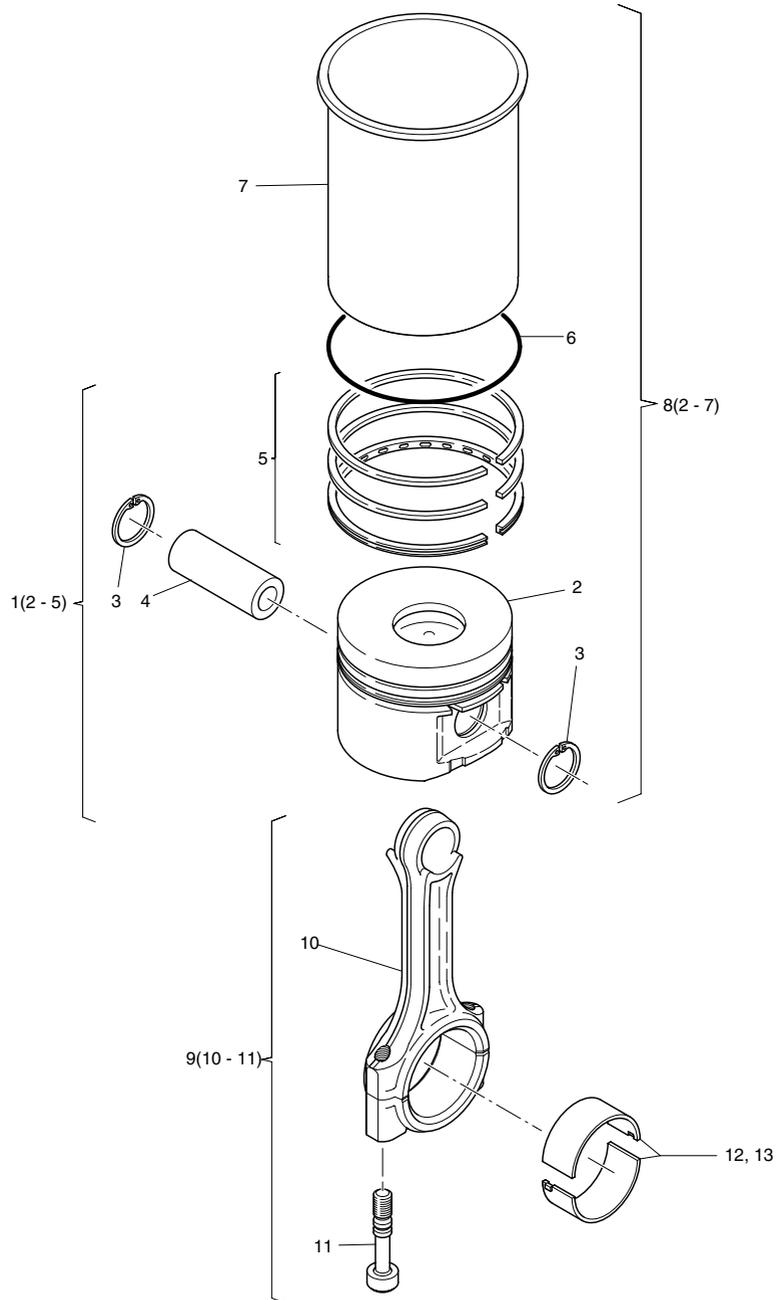


Fig.- No.	HATZ Ident-No.	Stück Qty.			P / W d / D	Bemerkungen Notes
		1B40 EPA II	1B40 NON EPA	1B50 EPA II		
1	01374810	1	1	-	88 mm	
1	01384310	-	-	1	93 mm	
2	-----	-	-	-		
3	50482300	2	2	2	22 x 1 DIN 472	
4	50527100	1	1	-	22 x 13 x 58	
4	50566400	-	-	1	22 x 13 x 60	
5	01374701	1	1	-	88 mm	
5	01384410	-	-	1	93 mm	
6	50479301	1	1	-	93 x 1,5	
7	-----	-	-	-		
8	01679610	1	1	-		
9	01343500	1	1	1		
10	-----	-	-	-		
11	04100500	2	2	2		
12	01679800	1	1	1		
13	01692700	1	1	1	- 0,5 mm	

M07

Zylinderkopf  
Cylinder head  
Culasse  
Culata  
Testa

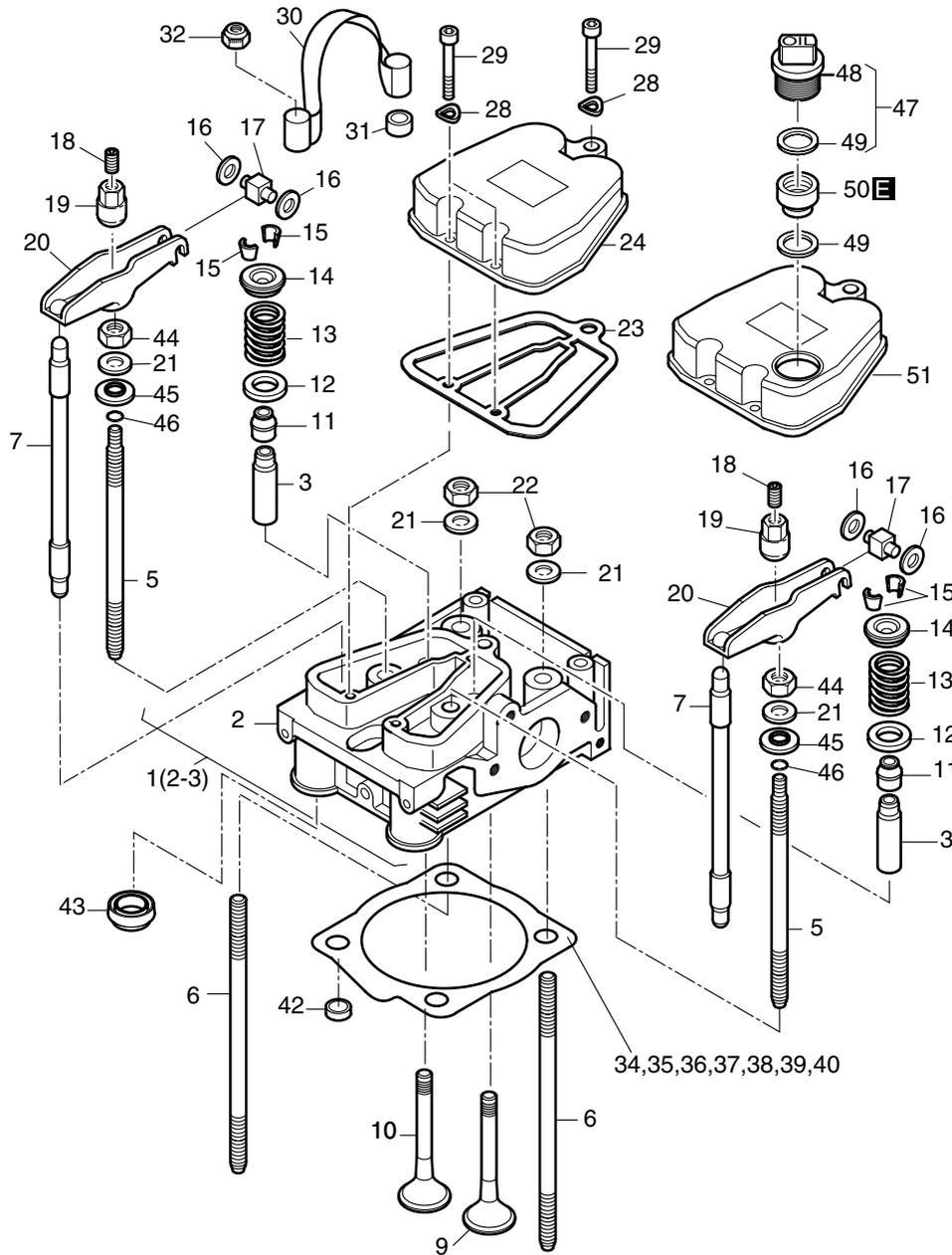


Fig.- No.	HATZ Ident-No.	Stück Qty.			P / W d / D	Bemerkungen Notes
		1B40 EPA II	1B40 NON EPA	1B50 EPA II		
1	01850902	1	1	1		
2	-----	-	-	-		
3	05209700	2	2	2		
5	05159600	2	2	-		149 (M 10 - M 8)
5	04253010	-	-	2		232 mm
6	05159700	2	2	-		155 (M 10)
6	04253110	-	-	2		245 mm
7	01374000	2	2	2		
9	05145100	1	1	1		
10	05145200	1	1	1		
11	50425800	2	2	2	d2	
12	04147100	2	2	2		
13	04146900	2	2	2		
14	04147000	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	05146701	2	2	2		
21	05099300	4	4	4		10,1 x 24 x 3
22	50396600	2	2	2		M 10 DIN 934-10 A3C
23	05156401	1	1	1	d1,W4	
24	05146501	1	1	1		
28	50081200	3	3	3		A 6 DIN 137 - A3C
29	50374900	3	3	3		M 6 x 35 DIN 912-8.8 A3C
30	04117701	1	1	1		
31	04126100	2	2	2		(10 x 12 x 9)
32	40028600	2	2	2		VM 10 DIN 980-8 C3A
34	05158903	0... 1	0... 1	-		0,4 mm
34	04271700	-	-	0... 1		0,4 mm
34	04248400	0... 1	0... 1	-		0,45 mm
34	04271800	-	-	0... 1		0,45 mm
35	05159003	0... 1	0... 1	-	d1	0,5 mm
35	04235020	-	-	0... 1	d1	0,5 mm
35	04248500	0... 1	0... 1	-		0,55 mm
35	04254720	-	-	0... 1		0,55 mm
36	05159103	0... 1	0... 1	-	d1	0,6 mm
36	04235120	-	-	0... 1	d1	0,6 mm
36	04248600	0... 1	0... 1	-		0,65 mm
36	04250920	-	-	0... 1		0,65 mm
37	05159203	0... 1	0... 1	-	d1	0,7 mm
37	04235220	-	-	0... 1	d1	0,7 mm
37	04248700	0... 1	0... 1	-		0,75 mm

M07

Zylinderkopf  
Cylinder head  
Culasse  
Culata  
Testa

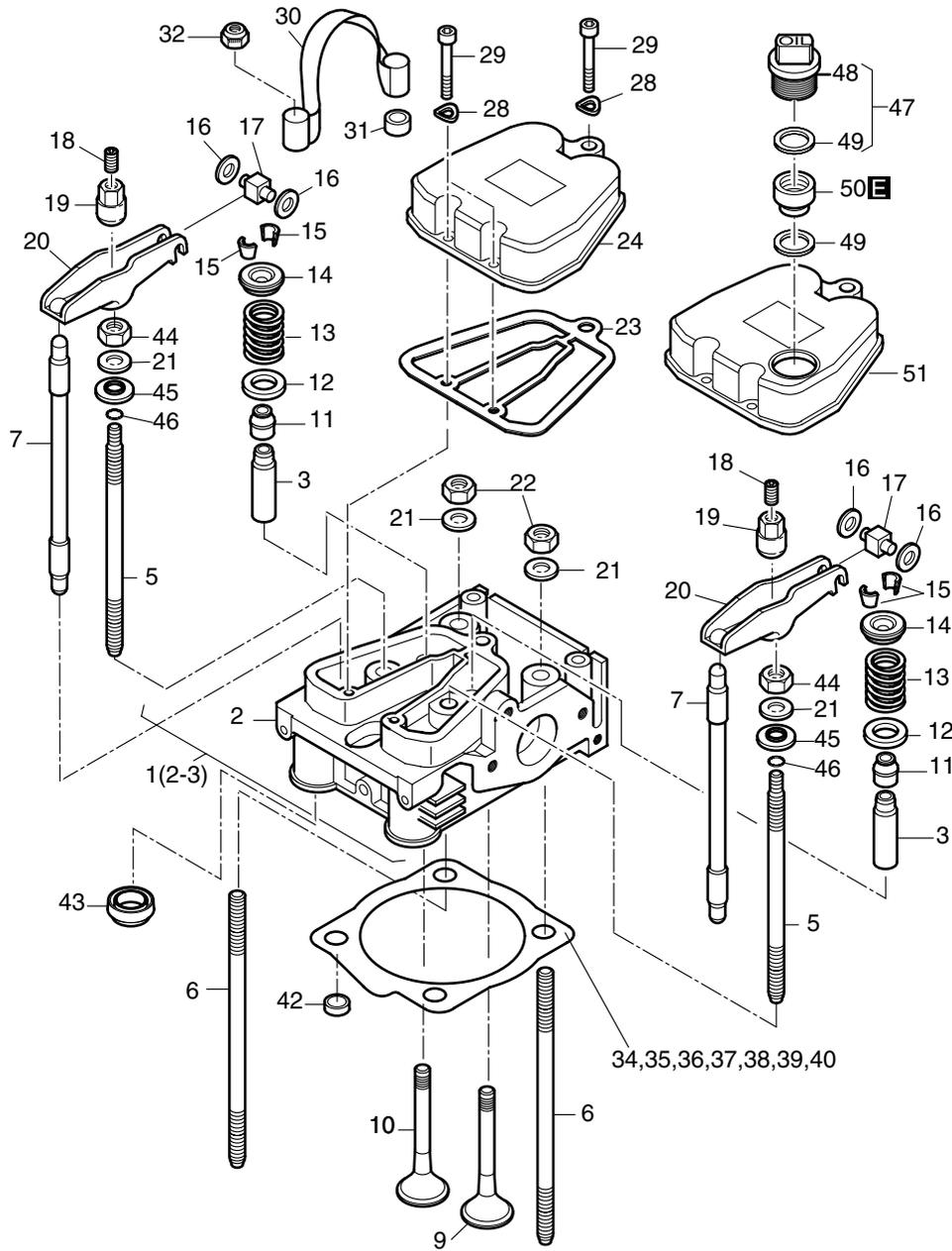


Fig.- No.	HATZ Ident-No.	Stück Qty.			P / W d / D	Bemerkungen Notes
		1B40 EPA II	1B40 NON EPA	1B50 EPA II		
37	04251020	-	-	0... 1		0,75 mm
38	05159303	0... 1	0... 1	-		0,8 mm
38	04235320	-	-	0... 1		0,8 mm
38	04251120	-	-	0... 1		0,85 mm
39	05159403	0... 1	0... 1	-		0,9 mm
39	04235420	-	-	0... 1		0,9 mm
39	04251220	-	-	1		0,95 mm
40	05159503	0... 1	0... 1	-		1,0 mm
40	04235520	-	-	0... 1		1,0 mm
42	04174500	2	2	2		d2
43	04106501	2	2	2		M 10 DIN 934-10 A3C
44	50396600	2	2	2		d2
45	04243700	2	2	-		d2
46	50563900	2	2	-		10x 2,5
47	01936500	1	1	1		
48	-----	-	-	-		
49	05278401	2	2	2		26 x 35 x 4
50	05321100	1	1	1		
51	05256800	1	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

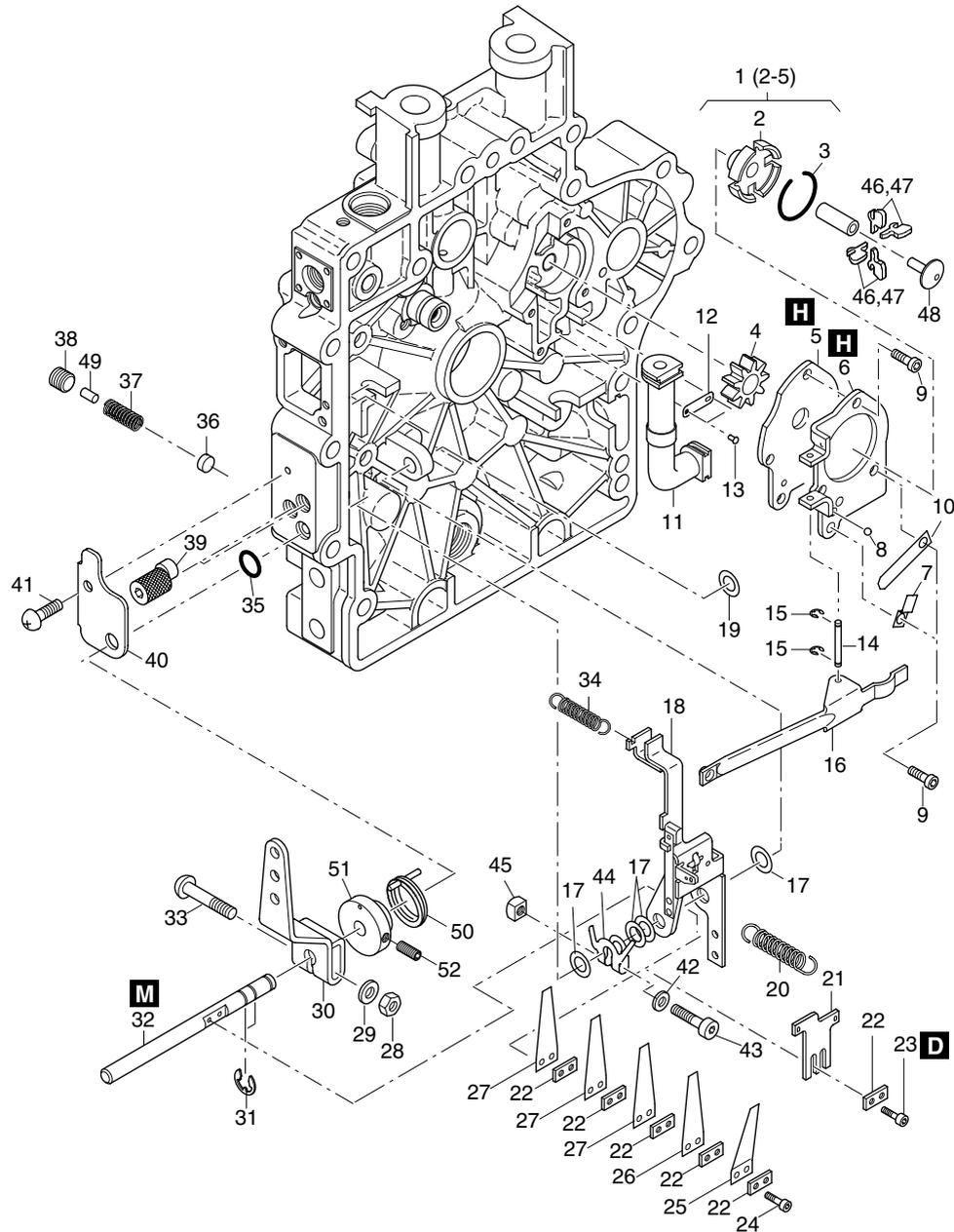


Fig.- No.	HATZ Ident-No.	Stück Qty.			P / W d / D	Bemerkungen Notes
		1B40 EPA II	1B40 NON EPA	1B50 EPA II		
1	01344510	1	1	1		
2	-----	-	-	-		
3	04210910	1	1	1		
4	-----	-	-	-		
5	-----	-	-	-		
6	05078110	1	1	1		
7	05097100	1	1	1		
8	50447900	1	1	1		3,5mm KL. III
9	50429400	4	4	4		M5 x 12 DIN 6912 - 8.8
10	05097300	1	1	1		0,4 mm
11	01346000	1	1	1		
12	04153400	1	1	1		
13	40002600	2	2	2		3,2
14	05078600	1	1	1		
15	50434800	2	2	2		1,9 DIN 6799
16	04208300	1	1	1		
17	50422400	4	4	4		8 x 14 x 1,0 DIN 988
18	01530404	1	1	1		
19	50125800	1	1	1		8 x 14 x 0,5 DIN 988
20	05130910	0...1	0...1	0...1		
21	05130800	1	1	1		
22	05079800	1...5	1...5	1...5		
23	50465300	2	2	2		M 3 x 8 DIN 912-8.8
24	50435000	2	2	2		M 3 x 12 DIN 912-8.8
25	05148600	1	1	1		0,4 mm 19° Gen. - PV 78
26	05078900	1	1	1		0,3 mm Gen. - PV 78
27	05131600	1...3	1...3	1...3		0,2 mm Gen. - PV 78
28	50346500	1	1	1		M 6 DIN 934 - 10 A2F
29	50144500	1	1	1		6,4 DIN 125-St A3C
30	04095600	1	1	1		
31	50092700	2	2	2		7 DIN 6799 A3C
32	05079302	1	1	1		
33	03927301	1	1	1		M 6 x 32
34	50563400	0...1	0...1	0...1		
34	04000200	0...1	0...1	0...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

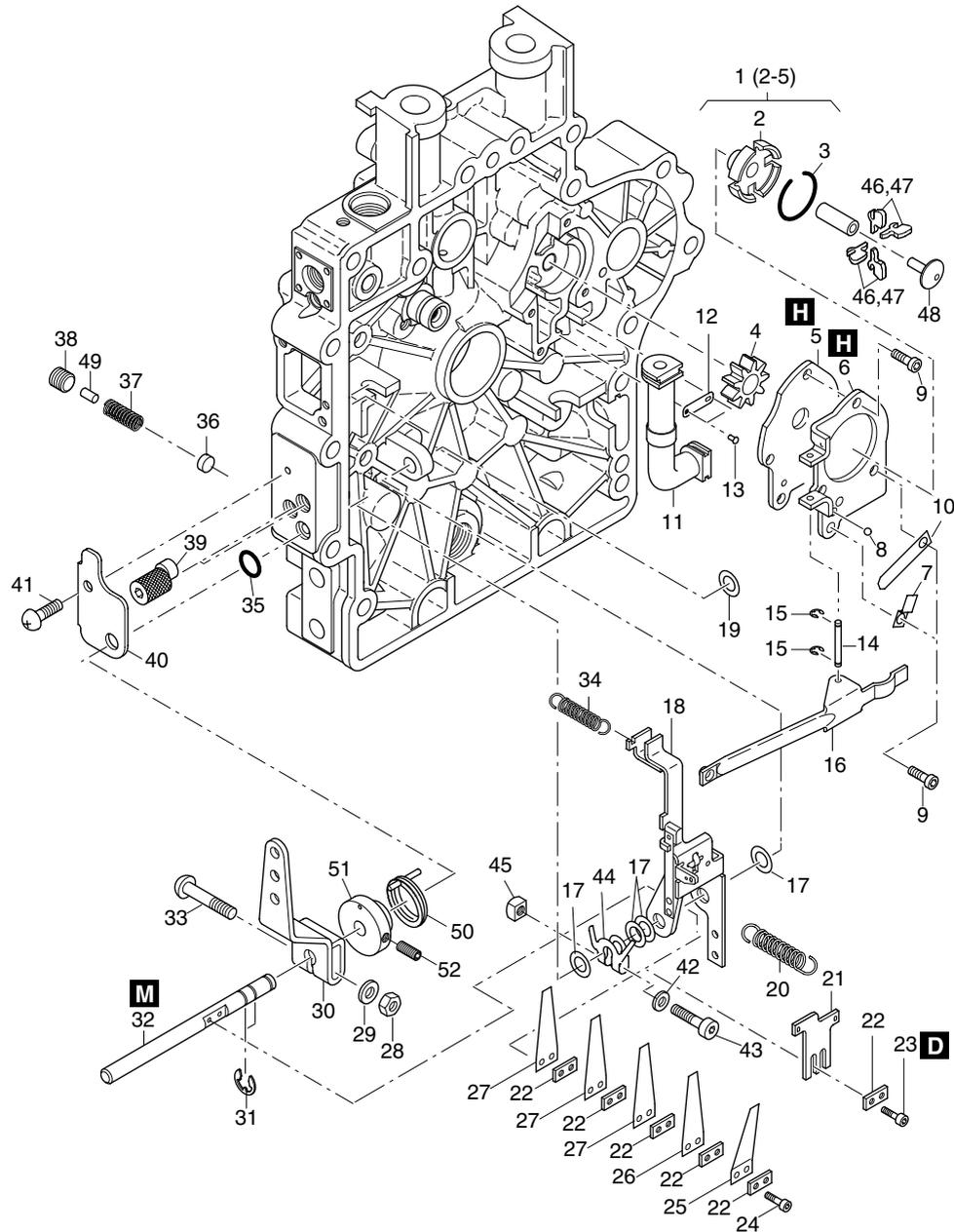


Fig.- No.	HATZ Ident-No.	Stück Qty.			P / W d / D	Bemerkungen Notes
		1B40 EPA II	1B40 NON EPA	1B50 EPA II		
35	40022401	1	1	1	D1	8 x 2 FPM 75 MOLYKOT.
36	05151700	0... 1	0... 1	0... 1		
37	50488700	0... 1	0... 1	0... 1		
38	50475700	1	1	1		M 10 x 10 DIN 913-A3C Tuf.
39	05178810	2	2	2		
40	05178400	1	1	1		
41	50492300	1	1	1		M 5 x 12 ISO 7380-10.9 Zn
42	50216300	1	1	1		5,3 DIN 125-St A3C
43	50492200	1	1	1		M 5 x 25 DIN 6912-8.8
44	05178500	1	1	1		
45	50422700	1	1	1		M 5 DIN 557-5 A3C
46	05079611	0... 4	0... 4	0... 4		Gen. - PV 78 = (0)
47	05160211	0... 4	0... 4	0... 4		Gen. - PV 78 = (4)
48	05078502	1	1	1		
49	50057900	0... 1	0... 1	0... 1		4 M 6 x 8 DIN 7-9S20K
50	05179100	0... 1	0... 1	0... 1		
51	05179000	0... 1	0... 1	0... 1		
52	50400600	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

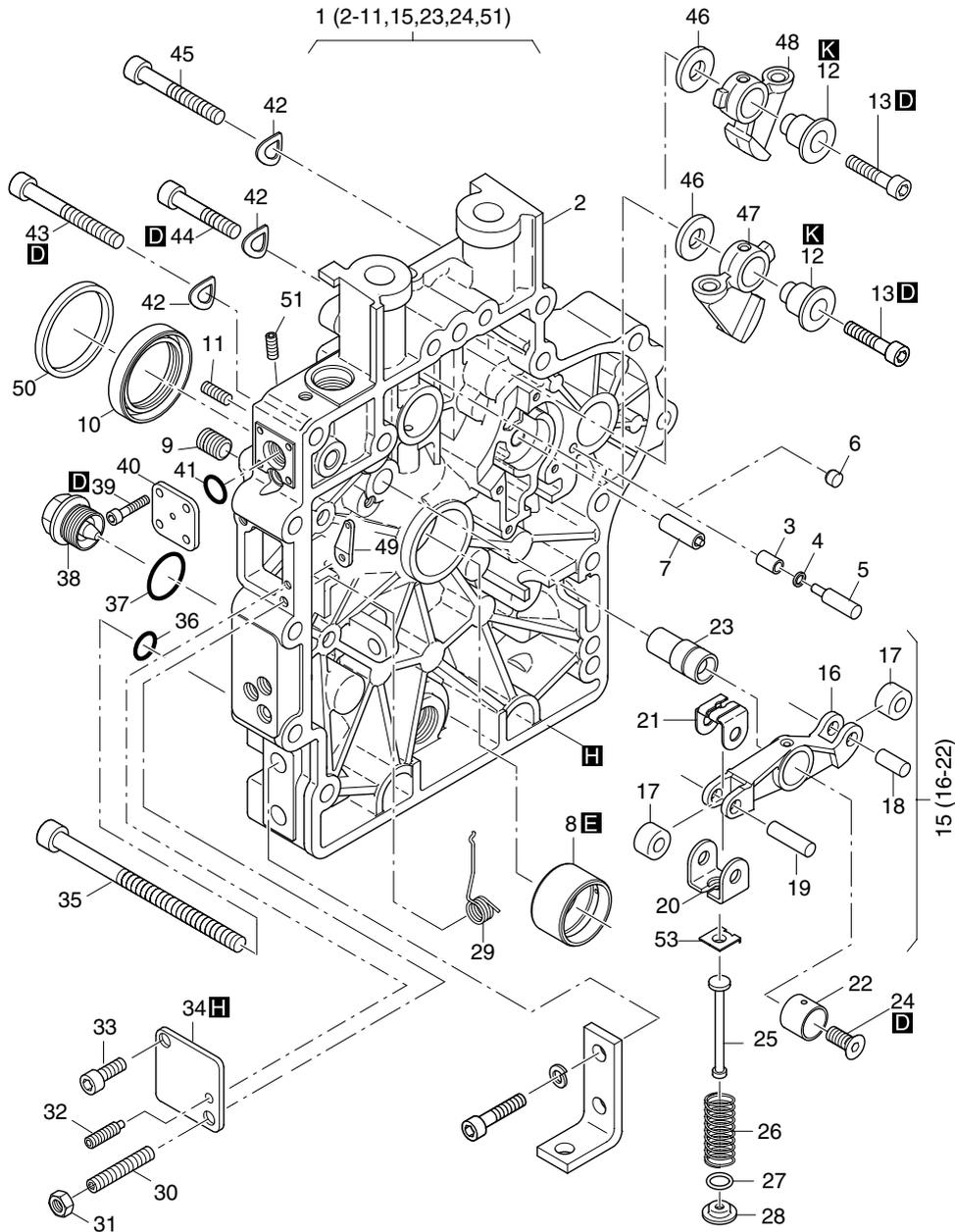


Fig.- No.	HATZ Ident-No.	Stück Qty.			P / W d / D	Bemerkungen Notes
		1B40 EPA II	1B40 NON EPA	1B50 EPA II		
1	01679710	1	1	1		
2	-----	-	-	-		
3	04185800	1	1	1		4 x 7,5 "T"
4	50464100	1	1	1	D1	2 x 1 "T"
5	04185700	1	1	1		4 x 15 "T"
6	04168600	1	1	1		4,3 "U"
7	01344600	1	1	1		
8	04148800	1	1	1		
8	04220800	1	1	1		-0,5 mm
9	50530600	4	4	4		M 8 x 10 DIN 913 - 45H-A3C-KL
10	50479500	1	1	1	D1	35 x 47 x 7
11	50400600	2	2	2		M 5 x 10 DIN 916-45H A3C
12	03794201	2	2	2		
13	50457900	2	2	2		M 6 x 25 DIN 912 - 10.9
15	01346710	1	1	1		
16	-----	-	-	-		
17	-----	-	-	-		
18	-----	-	-	-		
19	-----	-	-	-		
20	-----	-	-	-		
21	-----	-	-	-		
22	-----	-	-	-		
23	04096830	1	1	1		
24	50561800	1	1	1		M 6 x 40 DIN 7991 - 8.8 A3C
25	04094700	1	1	1		
26	04095700	1	1	1		
27	04133900	1	1	1		10,7 x 16 x 0,5
28	04094802	1	1	1		
29	05095210	1	1	1		
30	50499300	1	1	1		M6 x 35 DIN 913 - 22H A3C
31	50144400	1	1	1		M 6 DIN 934 - 8 A3C
32	50499400	1	1	1		M4 x 25 DIN 915 45H
33	50384200	1	1	1		M 6x12 DIN 912-8.8 A3C Tuf.
34	04095210	1	1	1		
35	50463000	2	2	2		M 8 x 130 DIN 912 - 8.8 A3C

M11

Steuerdeckel  
Timing cover  
Couvercle distribution  
Tapa de mando  
Coperchio distribuzione

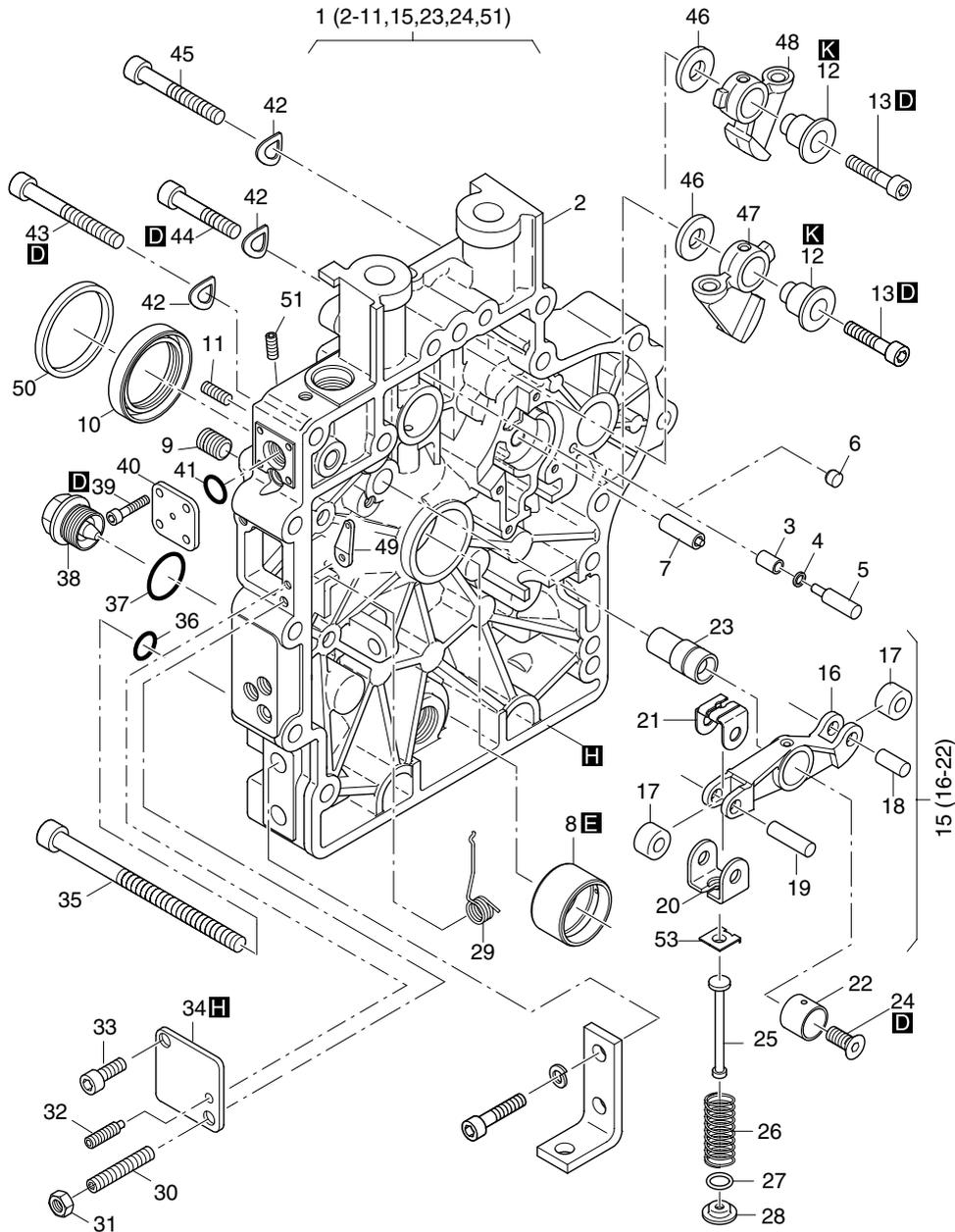


Fig.- No.	HATZ Ident-No.	Stück Qty.			P / W d / D	Bemerkungen Notes
		1B40 EPA II	1B40 NON EPA	1B50 EPA II		
36	50162900	2	2	2	D2	A 8 x 14 DIN 7603 - Cu
37	50001600	1	1	1	D2, W4	A 22 x 27 DIN 7603 Cu
38	50373100	1	1	1	W1	AM22x1,5DIN7604A3C MAGN.
39	50397100	4	4	4		M 4 x 10 DIN 912-8.8 A3C Tuf.
40	01351700	1	1	1		
41	50329000	1	1	1	D1	9,5 x 2,5
42	50095100	15	15	15		A 8 DIN 137 A3C
43	50288800	11	11	11		M 8 x 55 DIN 912-8.8 A3C
44	50177500	2	2	2		M 8 x 40 DIN 912-8.8 A3C
45	50392900	2	2	2		M 8 x 50 DIN 912 - 8.8 A3C
46	03794100	2	2	2		10,1 x 22 x 3
47	04146600	1	1	1		
48	04146000	1	1	1		
49	05127100	1	1	1		
50	04097800	1	1	1		SAE A (Zentrierring)
51	50262400	1	1	1		M 6 x 10 DIN 916-Tuf. 360 G
53	04189500	1	1	1		

# M13, M17

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

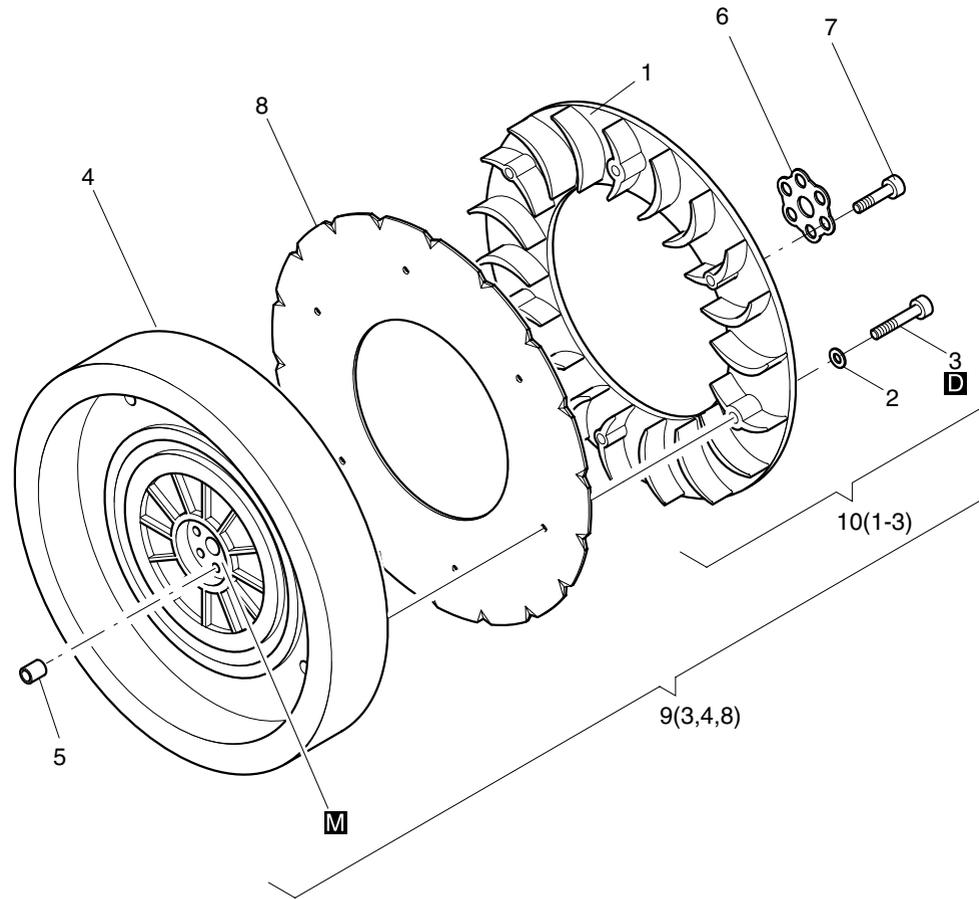


Fig.- No.	HATZ Ident-No.	Stück Qty.			P / W d / D	Bemerkungen Notes
		1B40 EPA II	1B40 NON EPA	1B50 EPA II		
1	-----	-	-	-		
2	50003400	6	6	6		A 4 DIN 137 - ST
3	50327300	6	6	6		M 4 x 20 DIN 912 - 8.8 A3C
4	04234500	-	-	1		
5	50205600	1	1	1		10 x 12 DIN 7346 55 SI 7
6	04155101	1	1	1		
7	50502501	6	6	6		M 8 x 35 DIN 912 - 12.9
8	01390800	1	1	1		
9	01899000	1	1	-		Handstart
10	01934300	1	1	1		

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

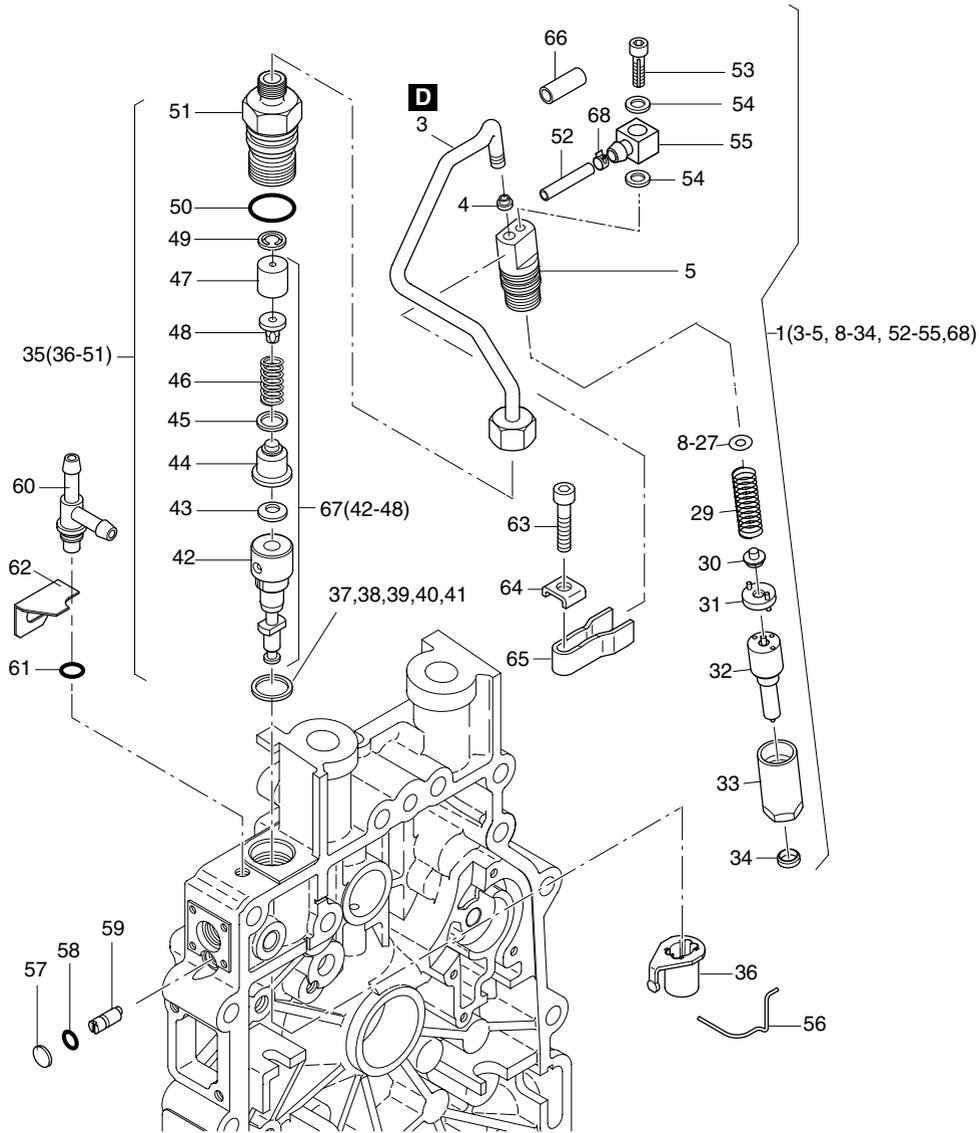


Fig.- No.	HATZ Ident-No.	Stck Qty.			P / W d / D	Bemerkungen Notes
		1B40 EPA II	1B40 NON EPA	1B50 EPA II		
1	01389701	1	-	-		
1	01398901	-	1	-		
1	01399501	-	-	1		
3	-----	-	-	-		
4	05070601	1	1	1		5,3 mm s. 95125802
5	-----	-	-	-		
8	50436400	0... 1	0... 1	0... 1		1,00 mm
9	50436500	0... 1	0... 1	0... 1		1,04 mm
10	50436600	0... 1	0... 1	0... 1		1,10 mm
11	50436700	0... 1	0... 1	0... 1		1,14 mm
12	50436800	0... 1	0... 1	0... 1		1,20 mm
13	50436900	0... 1	0... 1	0... 1		1,24 mm
14	50437000	0... 1	0... 1	0... 1		1,30 mm
15	50437100	0... 1	0... 1	0... 1		1,34 mm
16	50437200	0... 1	0... 1	0... 1		1,40 mm
17	50437300	0... 1	0... 1	0... 1		1,44 mm
18	50437400	0... 1	0... 1	0... 1		1,50 mm
19	50437500	0... 1	0... 1	0... 1		1,54 mm
20	50437600	0... 1	0... 1	0... 1		1,60 mm
21	50437700	0... 1	0... 1	0... 1		1,64 mm
22	50437800	0... 1	0... 1	0... 1		1,70 mm
23	50437900	0... 1	0... 1	0... 1		1,74 mm
24	50438000	0... 1	0... 1	0... 1		1,80 mm
25	50438100	0... 1	0... 1	0... 1		1,84 mm
26	50438200	0... 1	0... 1	0... 1		1,90 mm
27	50438300	0... 1	0... 1	0... 1		1,94 mm
29	-----	-	-	-		
30	-----	-	-	-		
31	-----	-	-	-		
32	50566600	1	-	-		P1
32	50576900	-	1	-		P1
32	50577400	-	-	1		P1
33	-----	-	-	-		
34	05070500	1	1	1		d1
35	01680810	1	1	-		
35	01940300	-	-	1		
36	01330801	1	1	1		
37	04096300	0... 1	0... 1	0... 1		0,2 mm
38	04096400	0... 1	0... 1	0... 1		0,3 mm
39	04096500	0... 1	0... 1	0... 1		0,4 mm
40	04096600	0... 1	0... 1	0... 1		0,5 mm
41	04096700	0... 1	0... 1	0... 1		0,6 mm
42	-----	-	-	-		
43	04165200	1	1	1		8
44	-----	-	-	-		

M14

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

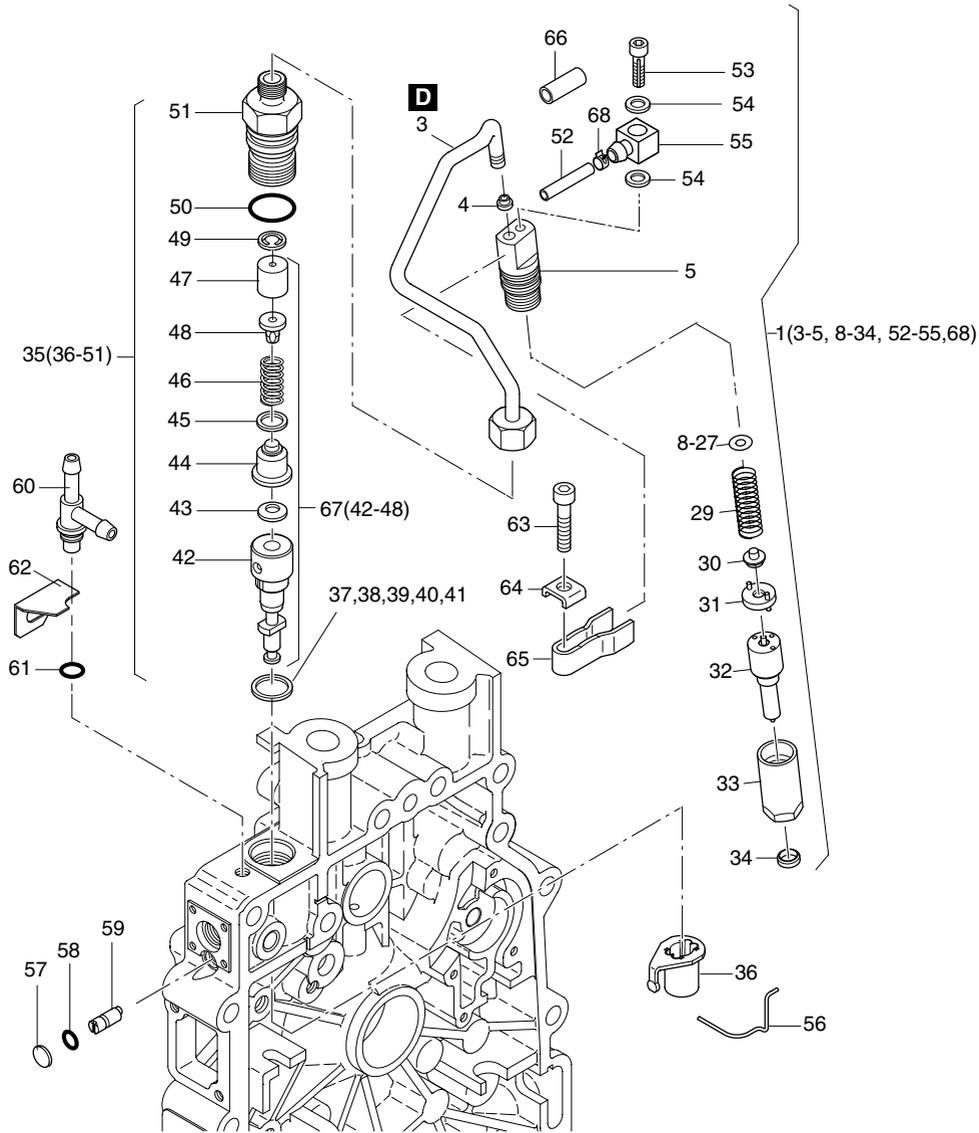


Fig.- No.	HATZ Ident-No.	Stck Qty.			P / W d / D	Bemerkungen Notes
		1B40 EPA II	1B40 NON EPA	1B50 EPA II		
45	50476900	1	1	1		9,5 x 13 x 0,5
46	-----	-	-	-		
47	-----	-	-	-		
48	-----	-	-	-		
49	05180800	1	1	1		
50	50489200	1	1	1		17 x 2
51	05181100	1	1	1		
52	05215001	1	1	1		2,5 x 195
53	05299001	1	1	1		M 4 x 16
54	50110800	2	2	2		A4 x 8 DIN 7603-Cu
55	05129000	1	1	1		
56	04161800	1	1	1		
57	50476000	1	1	1		8 DIN 470 Al
58	50330100	1	1	1		4 x 1,2
59	04097710	1	1	1		
60	01756800	1	1	1		
61	50154300	1	1	1	D1	7,5 x 1,5
62	05183100	1	1	1		
63	50323900	1	1	1		M 6 x 30 DIN 912-8.8 A3C
64	05089300	1	1	1		6,4
65	05056700	1	1	1		
66	05267900	1	1	1		120 mm
67	01828510	1	1	-		
68	50577900	1	1	1		6

# M15

Reversierstarter  
 Recoil starter  
 Demarreur reversible  
 Arrancador reversible  
 Avviamento a strappo

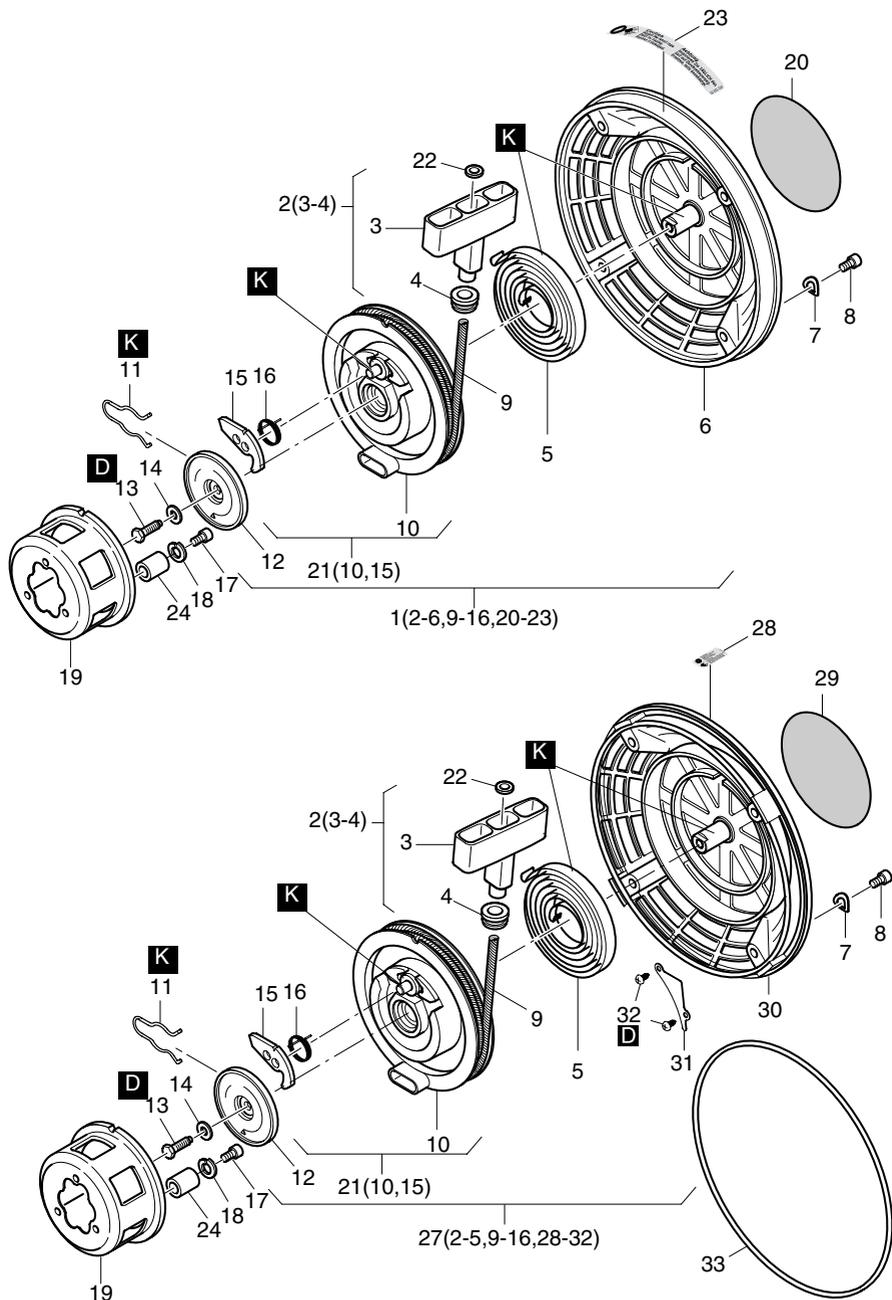


Fig.- No.	HATZ Ident-No.	Stück Qty.			P / W d / D	Bemerkungen Notes
		1B40 EPA II	1B40 NON EPA	1B50 EPA II		
1	01865200	1	1	1		
2	01497800	1	1	1		
3	-----	-	-	-		
4	03665200	1	1	1		
5	05045202	1	1	1		
6	01569300	1	1	1		
7	50081200	4	4	4		A 6 DIN 137 - A3C
8	50062700	4	4	-		M 6 x 10 DIN 912 - 8.8 A3C
8	50170600	-	-	4		M 6 x 20 DIN 912-8.8 A3C
9	01929000	1	1	1		2040 mm
10	-----	-	-	-		
11	05044901	1	1	1		
12	05045001	1	1	1		
13	50146300	1	1	1		M 6 x 18 DIN 933-8.8 A3C
14	50390701	1	1	1		6 DIN 6796 - 6 - FST ZN
15	05044800	1	1	1		
16	05061300	1	1	1		
17	50062700	3	3	-		M 6 x 10 DIN 912 - 8.8 A3C
17	50170600	-	-	3		M 6 x 20 DIN 912-8.8 A3C
18	50170900	3	3	3		6 DIN 128 - A3C
19	04155000	1	1	1		
20	05109101	1	1	1		
21	01548800	1	1	1		
22	50514600	1	1	1		5,3 DIN 9021 PA 6.6
23	05333800	1	1	1		
24	05188600	-	-	3		7 x 12 x 7
27	01887201	0... 1	0... 1	0... 1		"SILENT"
28	05333900	0... 1	0... 1	0... 1		"SILENT"
29	05309700	0... 1	0... 1	0... 1		"SILENT"
30	01939900	0... 1	0... 1	0... 1		"SILENT"
31	05312000	0... 1	0... 1	0... 1		"SILENT"
32	50334900	0... 1	0... 1	0... 1		B 4,2 x 9,5 DIN 7981 A3C
33	04251800	1	1	1		"SILENT"

**M26a**

Luftführung  
Air ducting  
Carter ventilation  
Conducción de aire  
Carter ventilatore

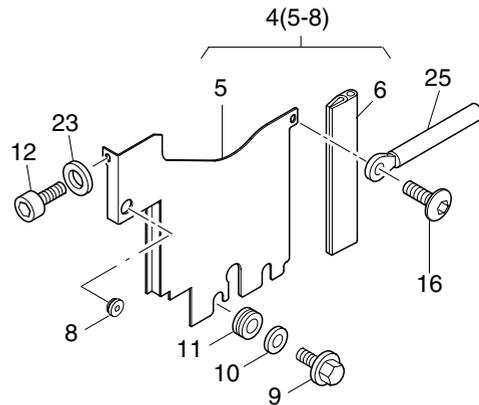
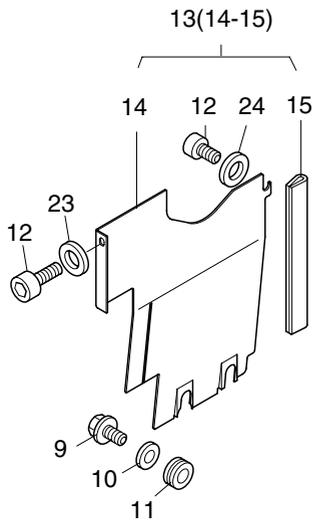
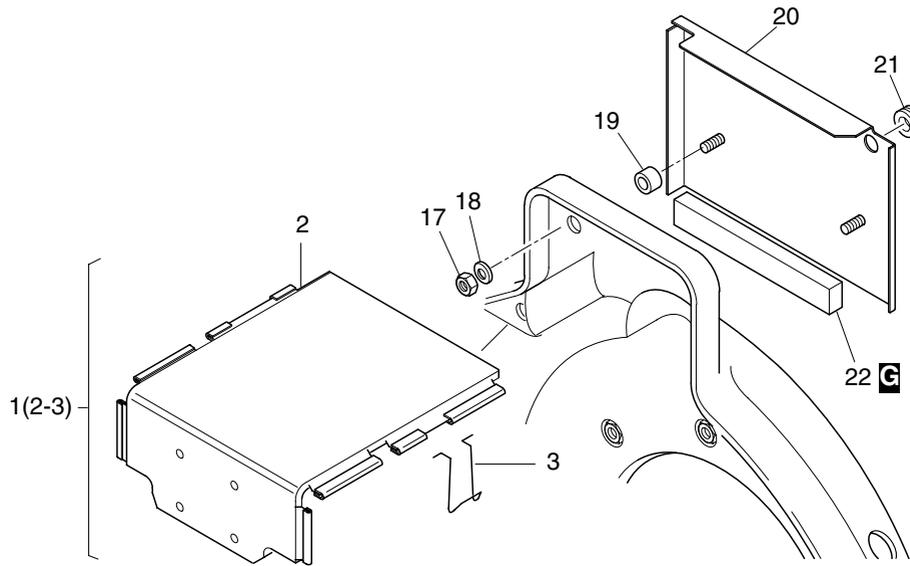


Fig.- No.	HATZ Ident-No.	Stück Qty.			P / W d / D	Bemerkungen Notes
		1B40 EPA II	1B40 NON EPA	1B50 EPA II		
1	01610400	1	1	1		
2	-----	-	-	-		
3	05152100	1	1	1		
4	01345400	1	1	1		
5	-----	-	-	-		
6	04144200	1	1	1		93 mm
8	50334800	1	1	1		
9	50445401	4	4	4		M 4 x 10 ST A3C
10	50441600	4	4	4		4,3 DIN 9021 - A3C 140HV
11	50163801	4	4	4		
12	50528100	3	3	3		M6x16DIN6912-8.8A3C KL360G
13	01345300	1	1	1		
14	-----	-	-	-		
15	04144200	1	1	1		93 mm
16	50495000	1	1	1		M 6 x 12 DIN 7380-10.9 A3C
17	50144400	2	2	2		M 6 DIN 934 - 8 A3C
18	50170900	2	2	2		6 DIN 128 - A3C
19	03354600	2	2	2		7 x 12 x 8
20	01698200	1	1	1		
21	50334800	1	1	1		
22	03577200	1	1	1		14 x 9 x 125
23	50144500	2	2	2		6,4 DIN 125-St A3C
24	04060600	1	1	1		6,4 x 16 x 1,5 A3C
25	05001200	1	1	1		

**M26b**

Luftführung  
Air ducting  
Carter ventilation  
Conducción de aire  
Carter ventilatore

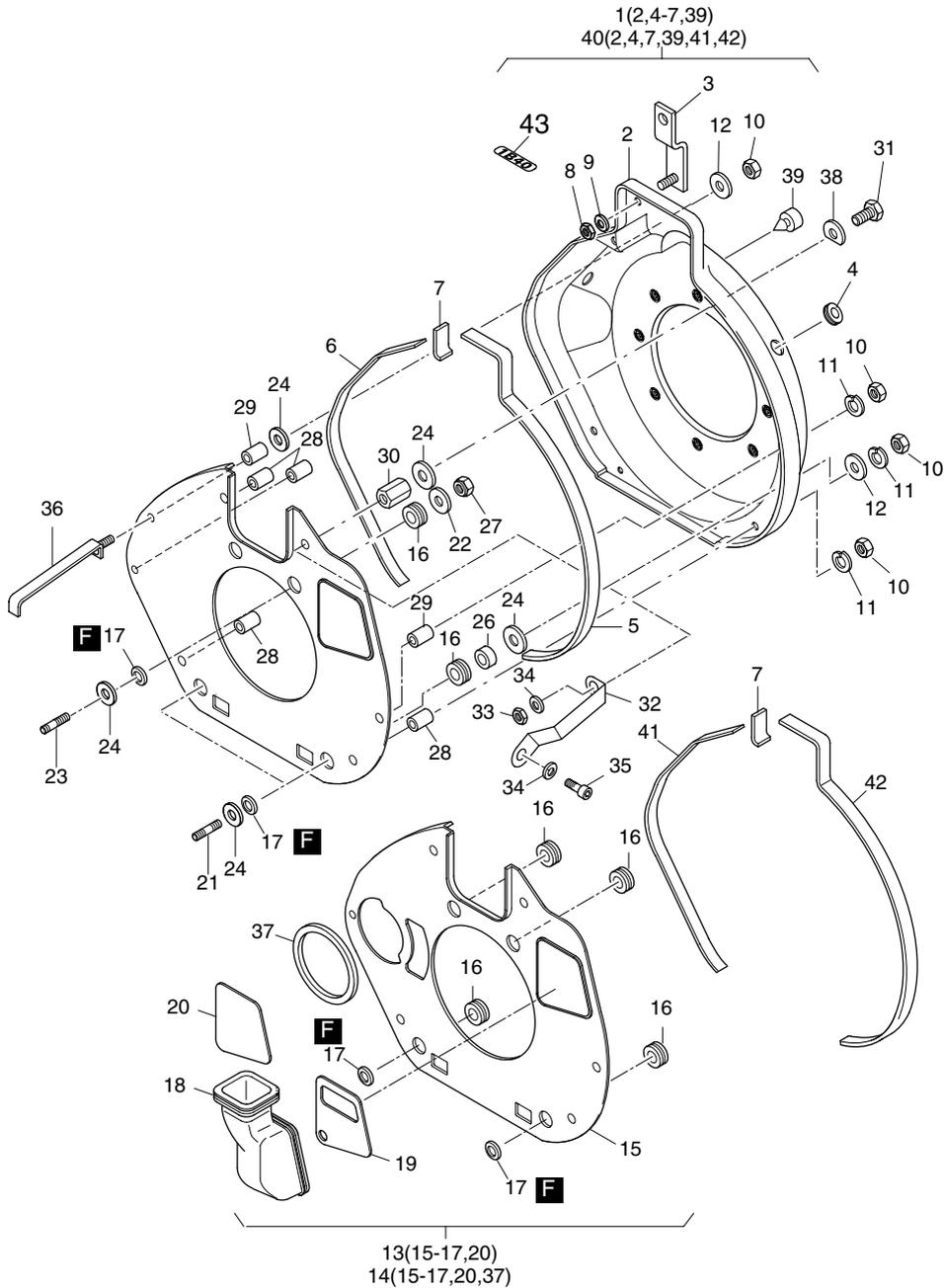


Fig.- No.	HATZ Ident-No.	Stück Qty.			P / W d / D	Bemerkungen Notes
		1B40 EPA II	1B40 NON EPA	1B50 EPA II		
1	01831300	1	1	-		
2	-----	-	-	-		
3	01331300	2	2	2		
4	50453300	1	1	1		
5	05189400	1	1	-	655 mm	
6	05189300	1	1	1	520 mm	
7	05227000	1	1	1	54 mm	
8	50144400	2	2	2	M 6 DIN 934 - 8 A3C	
9	50170900	2	2	2	6 DIN 128 - A3C	
10	50144400	7	7	7	M 6 DIN 934 - 8 A3C	
11	50170900	8	8	8	6 DIN 128 - A3C	
12	50120000	3	3	3	A 6,4 DIN 9021-St A3C	
13	01661900	1	1	1	Handstart	
14	01347600	1	1	1	E-Start	
15	-----	-	-	-		
16	01378300	4	4	4		
17	03575500	4	4	4		
18	04146800	0... 1	0... 1	0... 1		
19	04150800	0... 1	0... 1	0... 1		
20	04215200	0... 1	0... 1	0... 1		
21	50458100	2	2	2	M 6 x 45 DIN 835 - 8.8 A3C	
22	50114300	2	2	2	6,4 x 17 x 3 DIN 7349 A3C	
23	50464401	2	2	2	M 6 x 35 DIN 939- 8.8 A3C Tuf.	
24	04042000	7	7	7	6,5 x 22,5 x 1	
26	05188600	2	2	2	7 x 12 x 7	
27	50328300	2	2	2	VM 6 DIN 980-8 A3C	
28	04139000	4	4	4	6,5 x 12 x 18	
29	04098400	2	2	2	7 x 12 x 16,3	
30	05184000	1	1	1	M 6 x 17	
31	50026400	1	1	1	M 6 x 35 DIN 933-8.8 A3C	
32	01669400	1	1	1		
33	50144400	1	1	1	M 6 DIN 934 - 8 A3C	
34	50170900	2	2	2	6 DIN 128 - A3C	
35	50170700	1	1	1	M 6 x 16 DIN 912-8.8 A3C	
36	01683300	1	1	1		
37	04099500	1	1	1		
38	05140900	1	1	1		
39	50392610	0... 4	0... 4	0... 4		
40	01946410	-	-	1		
41	05189300	-	-	1	520 mm	
42	05317300	-	-	1	737 mm	
43	05314200	1	1	-	1B40	
43	05314300	-	-	1	1B50	

**M31**

Kurbelgehäuseentlüftung  
 Crankcase breathing system  
 Reniflard  
 Purgador  
 Sfiato basamento

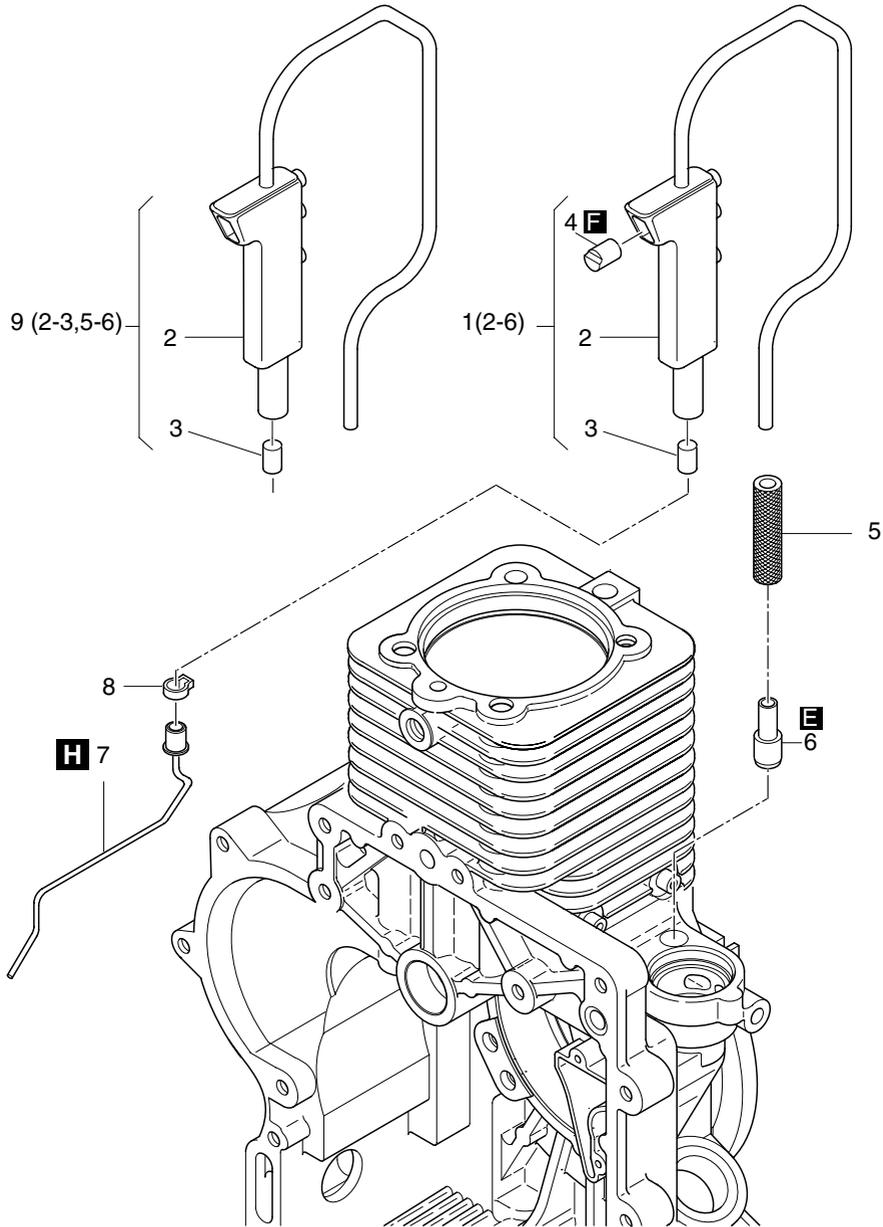


Fig.- No.	HATZ Ident-No.	Stück Qty.			P / W d / D	Bemerkungen Notes
		1B40 EPA II	1B40 NON EPA	1B50 EPA II		
1	01885800	1	-	1		
2	-----	-	-	-		
3	05102900	1	1	1		Filter, Filtre, Filtro
4	05098100	1	-	1		
5	05197200	1	1	1		7 x 35
6	05196000	1	1	1		
7	01626900	1	1	1		
8	50456800	1	1	1		
9	01654700	-	1	-		

# Z01a

Kraftstoff  
Fuel  
Carburant  
Combustible  
Serbatoio

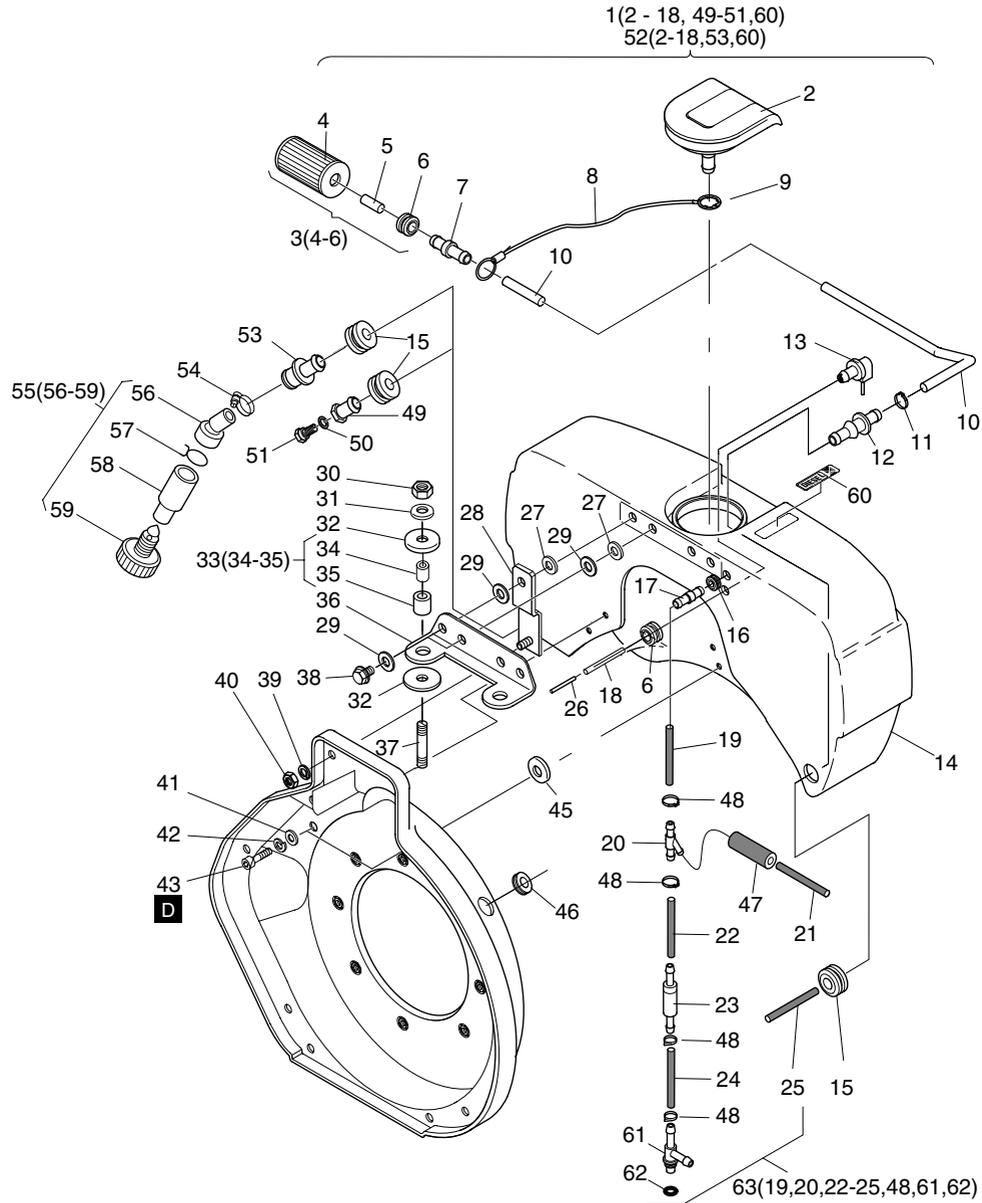


Fig.- No.	HATZ Ident-No.	Stück Qty.			P / W d / D	Bemerkungen Notes
		1B40 EPA II	1B40 NON EPA	1B50 EPA II		
1	01669010	1	1	1		
2	01535302	1	1	1		kpl. cpl.
3	01635210	1	1	1	W2	
4	-----	-	-	-		
5	-----	-	-	-		
6	50440901	2	2	2		
7	05189001	1	1	1		
8	01628900	1	1	1		~440mm
9	50500800	1	1	1		8 DIN 6799
10	05311100	1	1	1		3,5 x 340
11	50399801	1	1	1	P1	11,3
12	05084010	1	1	1		
13	01534900	1	1	1		
14	-----	-	-	-		
15	50440800	2	2	2		
16	05130400	1	1	1		
17	05184400	1	1	1		
18	05189700	1	1	1		1 x 3 x 115
19	05188810	1	1	1		5 x 120
20	05175601	1	1	1		
21	05215000	1	1	1		2,5 x 195
22	03664210	1	1	1		5 x 130
23	01534601	1	1	1		
24	05214800	1	1	1		4,5 x 40
25	05188710	1	1	1		3,5 x 200
26	05141800	1	1	1		2 x 0,3 x 25
27	50120000	4	4	4		A 6,4 DIN 9021-St A3C
28	01331300	2	2	2		
29	05110010	10	10	10		7,1 x 17,9 x 2
30	40028400	2	2	2		VM 8 DIN 980-8 C3A
31	50148100	2	2	2		8,4 DIN 125-St A3C
32	05109810	4	4	4		8,2 x 22 x 2
33	01655800	2	2	2		
34	-----	-	-	-		
35	-----	-	-	-		
36	05170110	1	1	1		

# Z01a

Kraftstoff  
Fuel  
Carburant  
Combustible  
Serbatoio

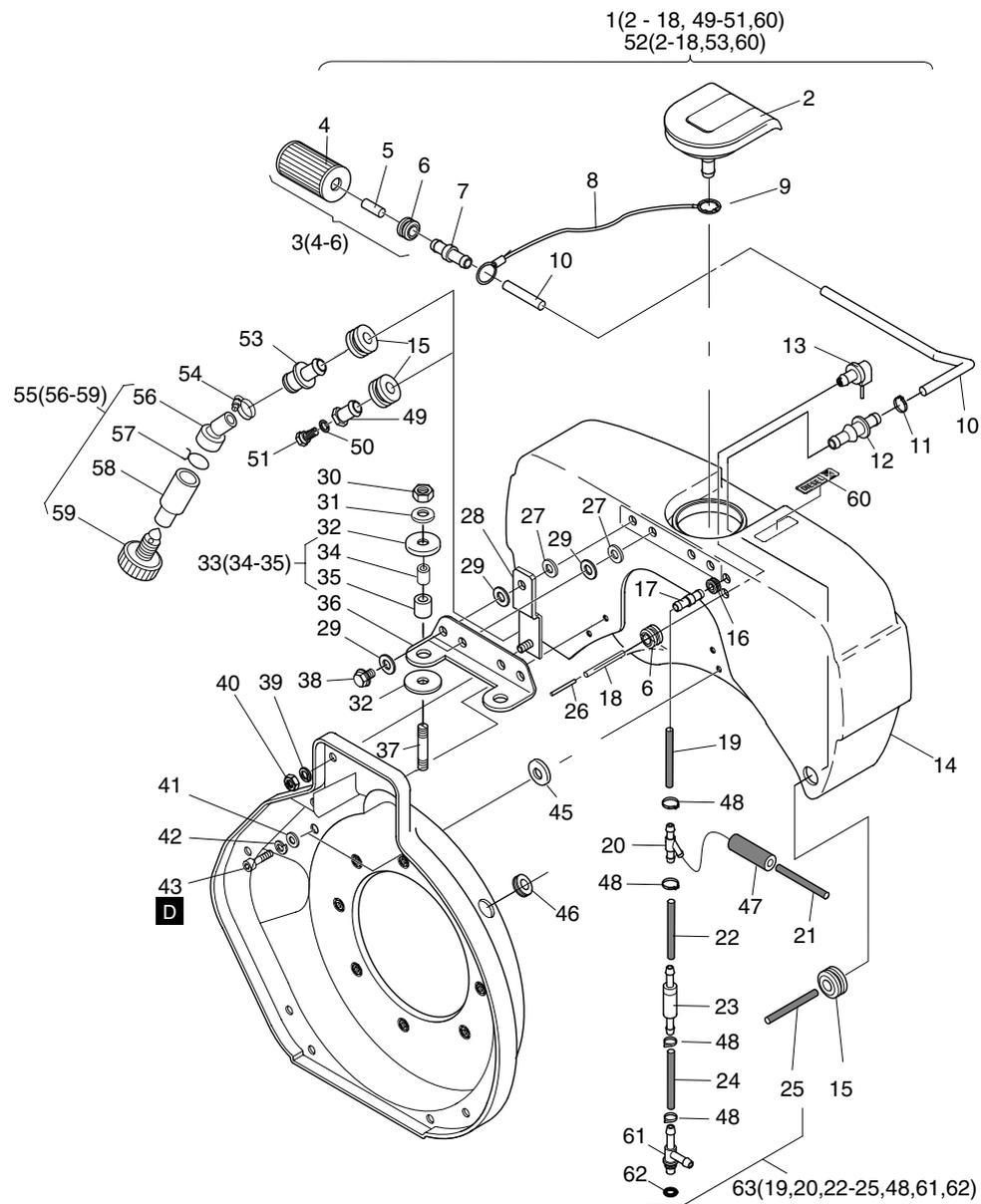


Fig.- No.	HATZ Ident-No.	Stück Qty.			P / W d / D	Bemerkungen Notes
		1B40 EPA II	1B40 NON EPA	1B50 EPA II		
37	50231900	2	2	2		M 8 x 25 DIN 835-8.8 A3C
38	01557000	4	4	4		M 6 x 18
39	50170900	2	2	2		6 DIN 128 - A3C
40	50144400	2	2	2		M 6 DIN 934 - 8 A3C
41	50120000	4	4	4		A 6,4 DIN 9021-St A3C
42	50170900	4	4	4		6 DIN 128 - A3C
43	50149100	4	4	4		M 6 x 12 DIN 912-8.8 A3C
45	04042000	2	2	2		6,5 x 22,5 x 1
46	50453300	1	1	1		
47	05213010	1	1	1		7 x 25
48	50570900	4	4	4		12,8
49	05188200	1	1	1		
50	50313100	1	1	1		A 6 x 10 DIN 7603-Cu.
51	03613600	1	1	1		M 6 A3C
52	01723901	1	1	1		
53	05172300	1	1	1		
54	50448000	1	1	1		
55	01519402	1	1	1		
56	05044001	1	1	1		
57	05036900	1	1	1		
58	05043901	1	1	1		
59	50414800	1	1	1		M 10
60	05235602	1	1	1		"DIESEL"
61	01756800	1	1	1		
62	50154300	1	1	1	D1	7,5 x 1,5
63	01662110	1	1	1		

Z01b

Kraftstoff  
Fuel  
Carburant  
Combustible  
Serbatoio

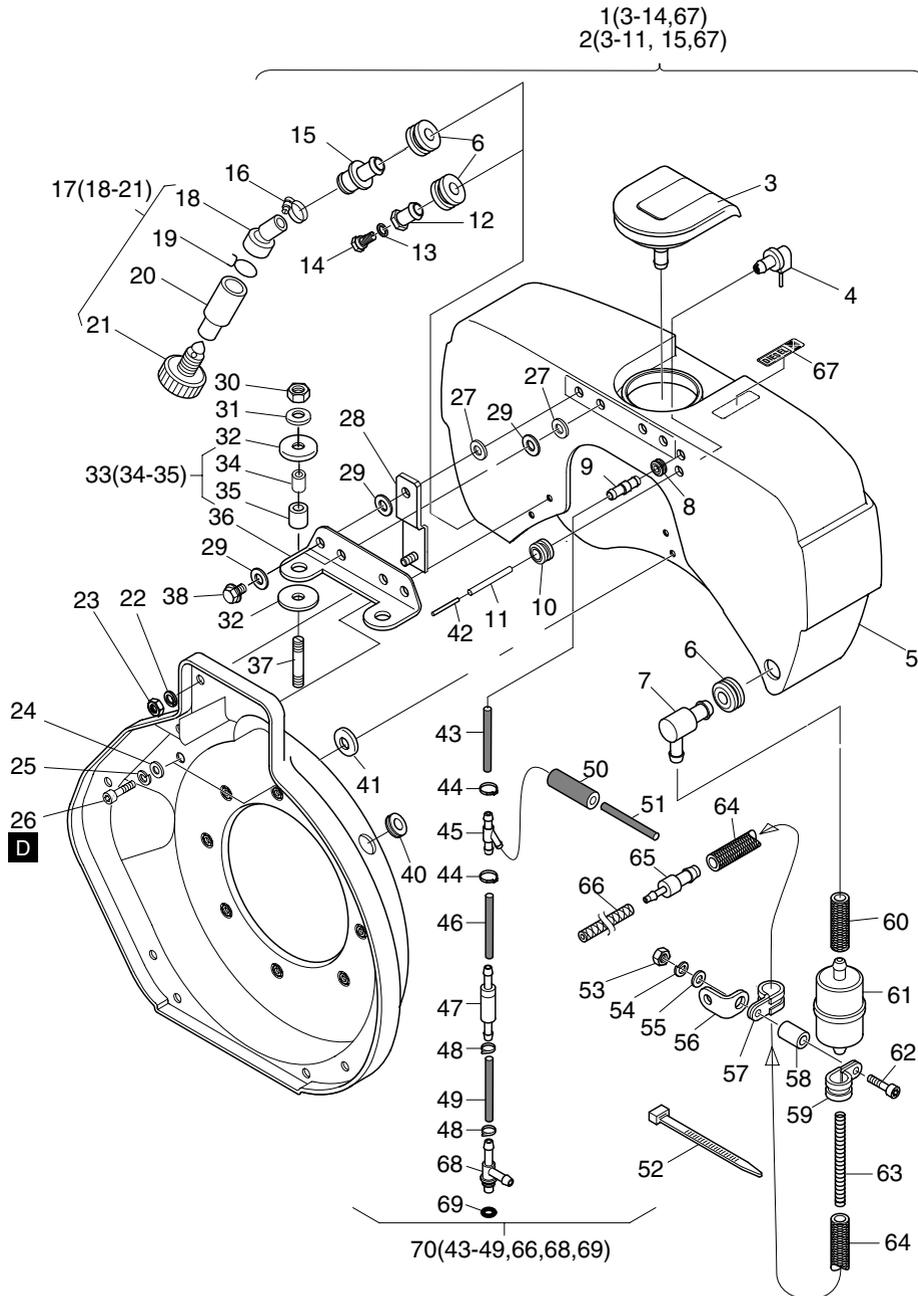


Fig.- No.	HATZ Ident-No.	Stück Qty.			P / W d / D	Bemerkungen Notes
		1B40 EPA II	1B40 NON EPA	1B50 EPA II		
1	01812300	1	1	1		
2	01812100	1	1	1		
3	01535302	1	1	1	kpl. cpl.	
4	01534900	1	1	1		
5	-----	-	-	-		
6	50440800	2	2	2		
7	01794810	1	1	1		
8	05130400	1	1	1		
9	05184400	1	1	1		
10	50440901	1	1	1		
11	05189700	1	1	1	1 x 3 x 115	
12	05188200	1	1	1		
13	50313100	1	1	1	A 6 x 10 DIN 7603-Cu.	
14	03613600	1	1	1	M 6 A3C	
15	05172300	1	1	1		
16	50448000	1	1	1		
17	01519402	1	1	1		
18	05044001	1	1	1		
19	05036900	1	1	1		
20	05043901	1	1	1		
21	50414800	1	1	1	M 10	
22	50170900	2	2	2	6 DIN 128 - A3C	
23	50144400	2	2	2	M 6 DIN 934 - 8 A3C	
24	50120000	4	4	4	A 6,4 DIN 9021-St A3C	
25	50170900	4	4	4	6 DIN 128 - A3C	
26	50149100	4	4	4	M 6 x 12 DIN 912-8.8 A3C	
27	50120000	4	4	4	A 6,4 DIN 9021-St A3C	
28	01331300	2	2	2		
29	05110010	10	10	10	7,1 x 17,9 x 2	
30	40028400	2	2	2	VM 8 DIN 980-8 C3A	
31	50148100	2	2	2	8,4 DIN 125-St A3C	
32	05109810	4	4	4	8,2 x 22 x 2	
33	01655800	2	2	2		
34	-----	-	-	-		
35	-----	-	-	-		
36	05170110	1	1	1		
37	50231900	2	2	2	M 8 x 25 DIN 835-8.8 A3C	
38	01557000	4	4	4	M 6 x 18	
40	50453300	1	1	1		
41	04042000	2	2	2	6,5 x 22,5 x 1	
42	05141800	1	1	1	2 x 0,3 x 25	
43	05188810	1	1	1	5 x 120	
44	50570900	2	2	2	12,8	
45	05175601	1	1	1		
46	03664210	1	1	1	5 x 130	

# Z01b

Kraftstoff  
Fuel  
Carburant  
Combustible  
Serbatoio

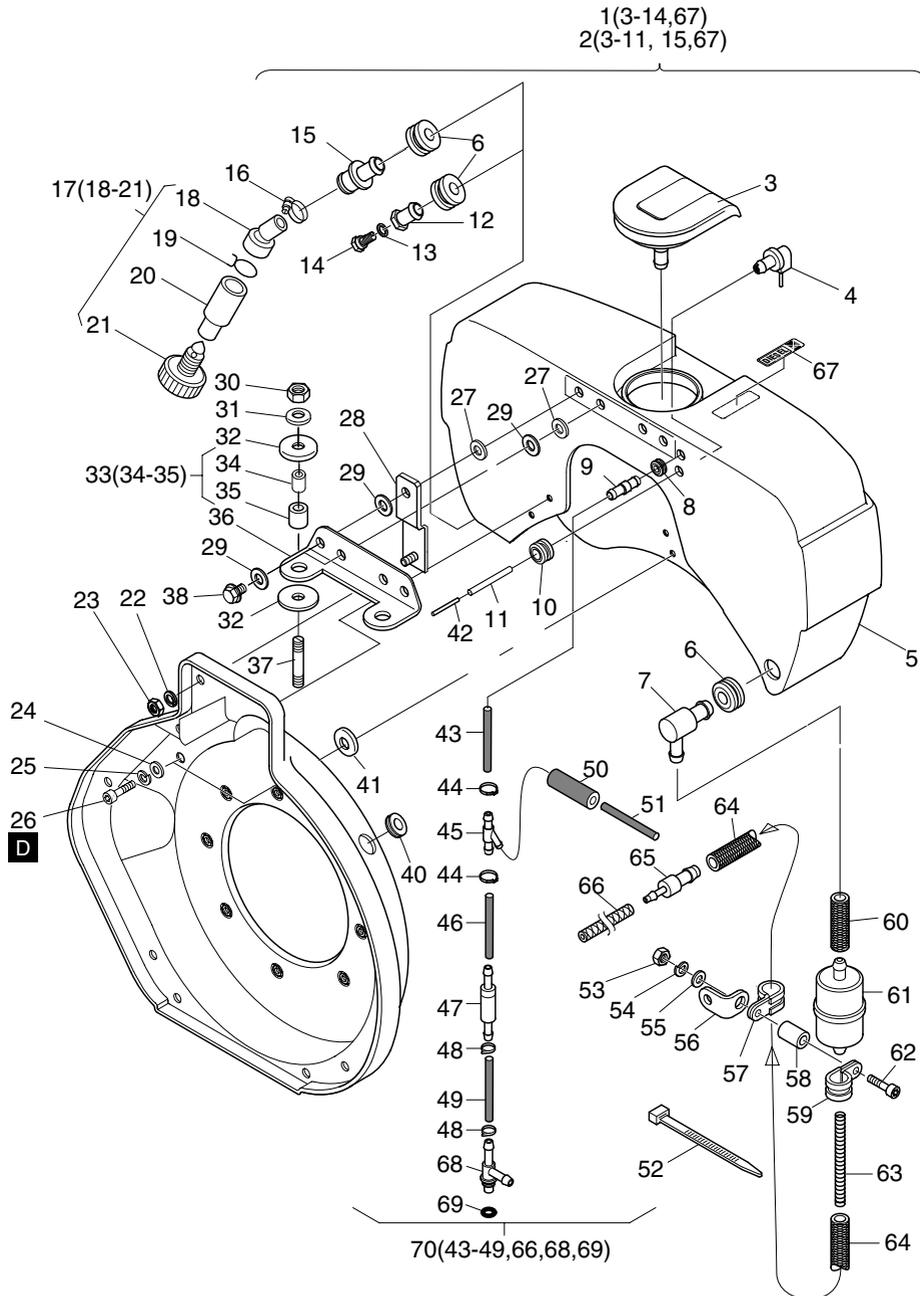


Fig.- No.	HATZ Ident-No.	Stück Qty.			P / W d / D	Bemerkungen Notes
		1B40 EPA II	1B40 NON EPA	1B50 EPA II		
47	01534601	1	1	1		
48	50570900	2	2	2	12,8	
49	05214800	1	1	1	4,5 x 40	
50	05213010	1	1	1	7 x 25	
51	05215000	1	1	1	2,5 x 195	
52	50358400	1	1	1	200 x 4,8 mm	
53	50144400	1	1	1	M 6 DIN 934 - 8 A3C	
54	50170900	1	1	1	6 DIN 128 - A3C	
55	50144500	1	1	1	6,4 DIN 125-St A3C	
56	03543900	1	1	1		
57	50158400	1	1	1	14 / 15	
58	04139000	1	1	1	6,5 x 12 x 18	
59	50158400	1	1	1	14 / 15	
60	05039910	1	1	1	7 x 50	
61	50478800	1	1	1	Filter	
62	50182700	1	1	1	M 6 x 40 DIN 912-8.8 A3C	
63	03210602	1	1	1		
64	03805110	1	1	1	7 x 250	
65	05306800	1	1	1		
66	05188710	1	1	1	3,5 x 200	
67	05235602	1	1	1	"DIESEL"	
68	01756800	1	1	1		
69	50154300	1	1	1	7,5 x 1,5	
70	01662110	1	1	1		



# Z01c

Kraftstoff  
Fuel  
Carburant  
Combustible  
Serbatoio

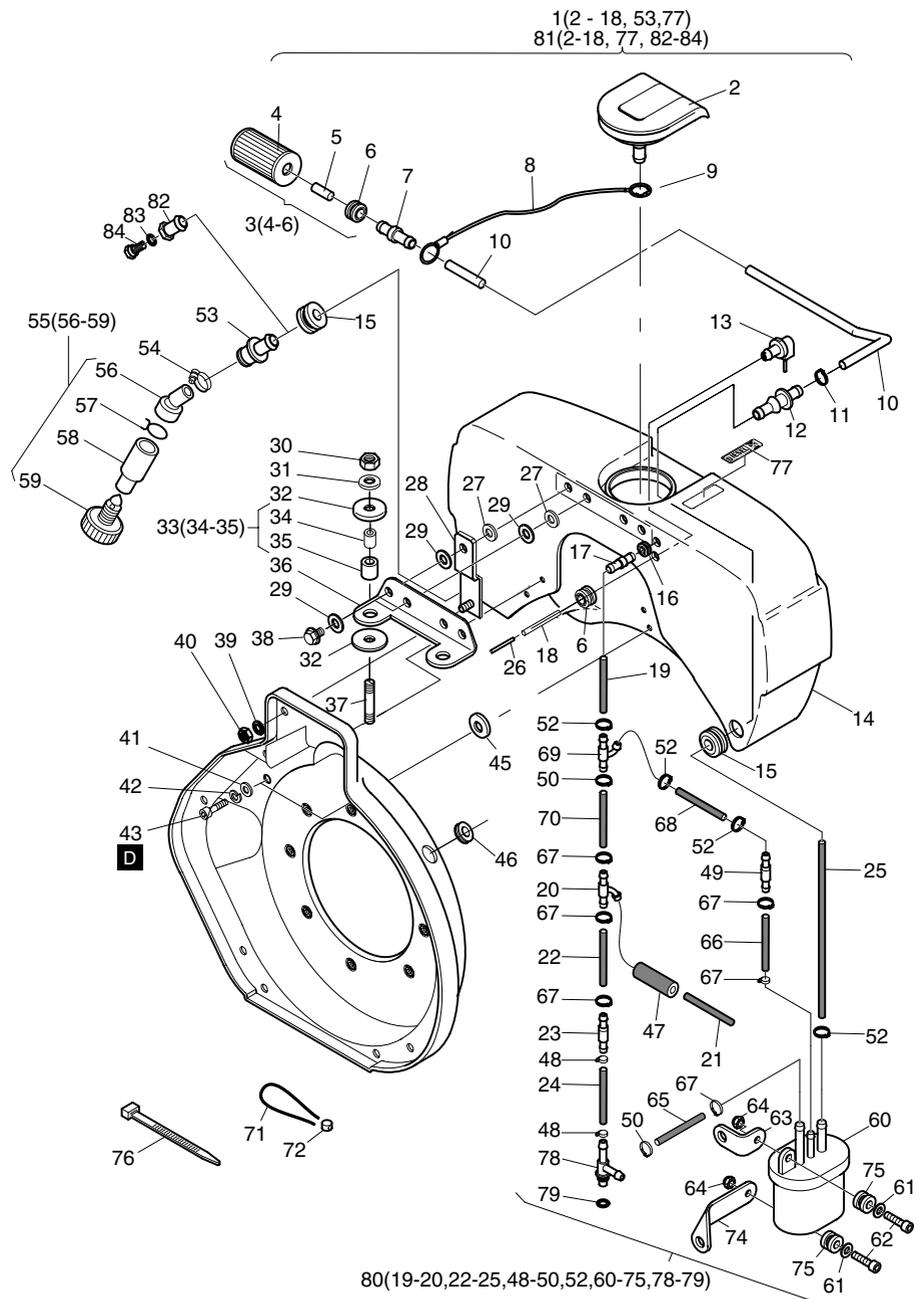


Fig.- No.	HATZ Ident-No.	Stück Qty.			P / W d / D	Bemerkungen Notes
		1B40 EPA II	1B40 NON EPA	1B50 EPA II		
47	05213010	1	1	1		7 x 25
48	50441100	2	2	2		11,8-505R
49	00805502	1	1	1		
50	50590000	2	2	2		12,0
52	50399801	4	4	4		11,3
53	05172300	1	1	1		
54	50448000	1	1	1		
55	01519402	1	1	1		
56	05044001	1	1	1		
57	05036900	1	1	1		
58	05043901	1	1	1		
59	50414800	1	1	1		M 10
60	01919700	1	1	1		
61	50441600	2	2	2		4,3 DIN 9021 - A3C 140HV
62	50446900	2	2	2		M 4 x 16 DIN 912-8.8 A3C Tuf.
63	05279500	1	1	1		
64	50501600	2	2	2		M 4 DIN 985 - 6 Zn
65	03663610	1	1	1		5,0 x 330
66	03663610	1	1	1		5,0 x 330
67	50570900	6	6	6		12,8
68	05289300	1	1	1		5 x 50 mm
69	05122701	1	1	1		
70	03663710	1	1	1		5 x 50 mm
71	40021500	1	1	1		0,5 / 0,3 x 200
72	40021400	1	1	1		8 mm ø
74	05285400	1	1	1		
75	50556600	2	2	2		
76	50358400	2	2	2		200 x 4,8 mm
77	05235602	1	1	1		"DIESEL"
78	01756800	1	1	1		
79	50154300	1	1	1		7,5 x 1,5
80	01778530	1	1	1		
81	01669010	1	1	1		
82	05188200	1	1	1		
83	50313100	1	1	1		A 6 x 10 DIN 7603-Cu.
84	03613600	1	1	1		M 6 A3C

# Z01d

Kraftstofffilter  
 Fuel filter  
 Filtre á carburant  
 Filtro de combustible  
 Filtro de combustible

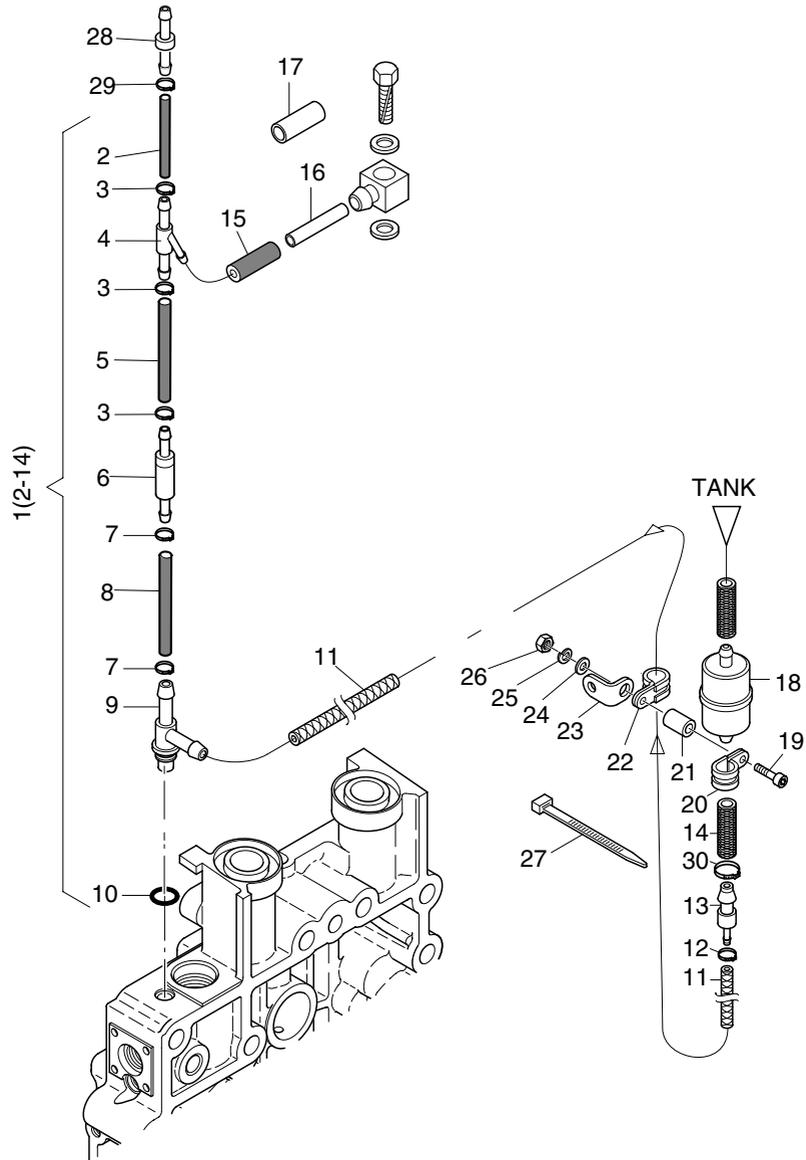


Fig.- No.	HATZ Ident-No.	Stück Qty.			P / W d / D	Bemerkungen Notes
		1B40 EPA II	1B40 NON EPA	1B50 EPA II		
1	01695310	1	1	1		
2	05188810	1	1	1		5 x 120
3	50570900	3	3	3		12,8
4	05175601	1	1	1		
5	03664210	1	1	1		5 x 130
6	01534601	1	1	1		
7	50441100	2	2	2		11,8-505R
8	05214800	1	1	1		4,5 x 40
9	01756800	1	1	1		
10	50154300	1	1	1		7,5 x 1,5
11	03927110	1	1	1		
12	50399801	1	1	1		11,3
13	05306800	1	1	1		
14	05323900	1	1	1		7 x 50
15	05213010	1	1	1		7 x 25
16	05215001	1	1	1		2,5 x 195
17	05267900	1	1	1		120 mm
18	50478800	1	1	1		Filter
19	50323900	1	1	1		M 6 x 30 DIN 912-8.8 A3C
20	50158400	1	1	1		14 / 15
21	05132700	1	1	1		6,5 x 17 x 11,5
22	50173500	1	1	1		10 / 15
23	03543900	1	1	1		
24	50144500	1	1	1		6,4 DIN 125-St A3C
25	50170900	1	1	1		6 DIN 128 - A3C
26	50144400	1	1	1		M 6 DIN 934 - 8 A3C
27	50358400	1	1	1		200 x 4,8 mm
28	50279600	1	1	1		
29	50570900	1	1	1		12,8
30	50523800	1	1	1		16,0

Z01e

Kraftstoff  
Fuel  
Carburant  
Combustible  
Serbatoio

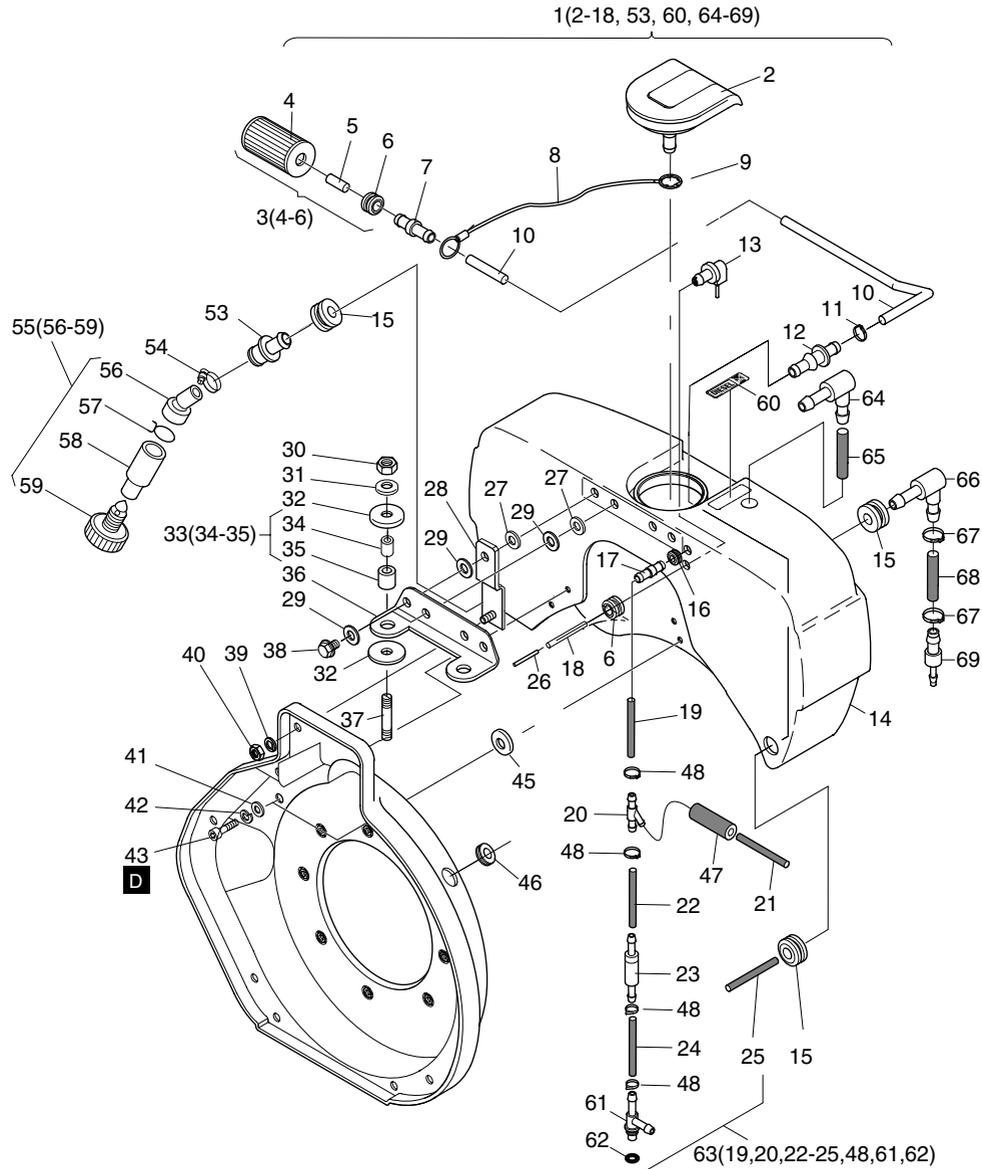


Fig.- No.	HATZ Ident-No.	Stück Qty.			P / W d / D	Bemerkungen Notes
		1B40 EPA II	1B40 NON EPA	1B50 EPA II		
1	01786501	1	1	1		
2	01535302	1	1	1		kpl. cpl.
3	01635210	1	1	1	W2	
4	-----	-	-	-		
5	-----	-	-	-		
6	50440901	2	2	2		
7	05189001	1	1	1		
8	01628900	1	1	1		~440mm
9	50500800	1	1	1		8 DIN 6799
10	05311100	1	1	1		3,5 x 340
11	50399801	1	1	1	P1	11,3
12	05084010	1	1	1		
13	01534900	1	1	1		
14	-----	-	-	-		
15	50440800	3	3	3		
16	05130400	1	1	1		
17	05184400	1	1	1		
18	05189700	1	1	1		1 x 3 x 115
19	05188810	1	1	1		5 x 120
20	05175601	1	1	1		
21	05215000	1	1	1		2,5 x 195
22	03664210	1	1	1		5 x 130
23	01534601	1	1	1		
24	05214800	1	1	1		4,5 x 40
25	05188710	1	1	1		3,5 x 200
26	05141800	1	1	1		2 x 0,3 x 25
27	50120000	4	4	4		A 6,4 DIN 9021-St A3C
28	01331300	2	2	2		
29	05110010	10	10	10		7,1 x 17,9 x 2
30	40028400	2	2	2		VM 8 DIN 980-8 C3A
31	50148100	2	2	2		8,4 DIN 125-St A3C
32	05109810	4	4	4		8,2 x 22 x 2
33	01655800	2	2	2		
34	-----	-	-	-		
35	-----	-	-	-		
36	05170110	1	1	1		

Z01e

Kraftstoff  
Fuel  
Carburant  
Combustible  
Serbatoio

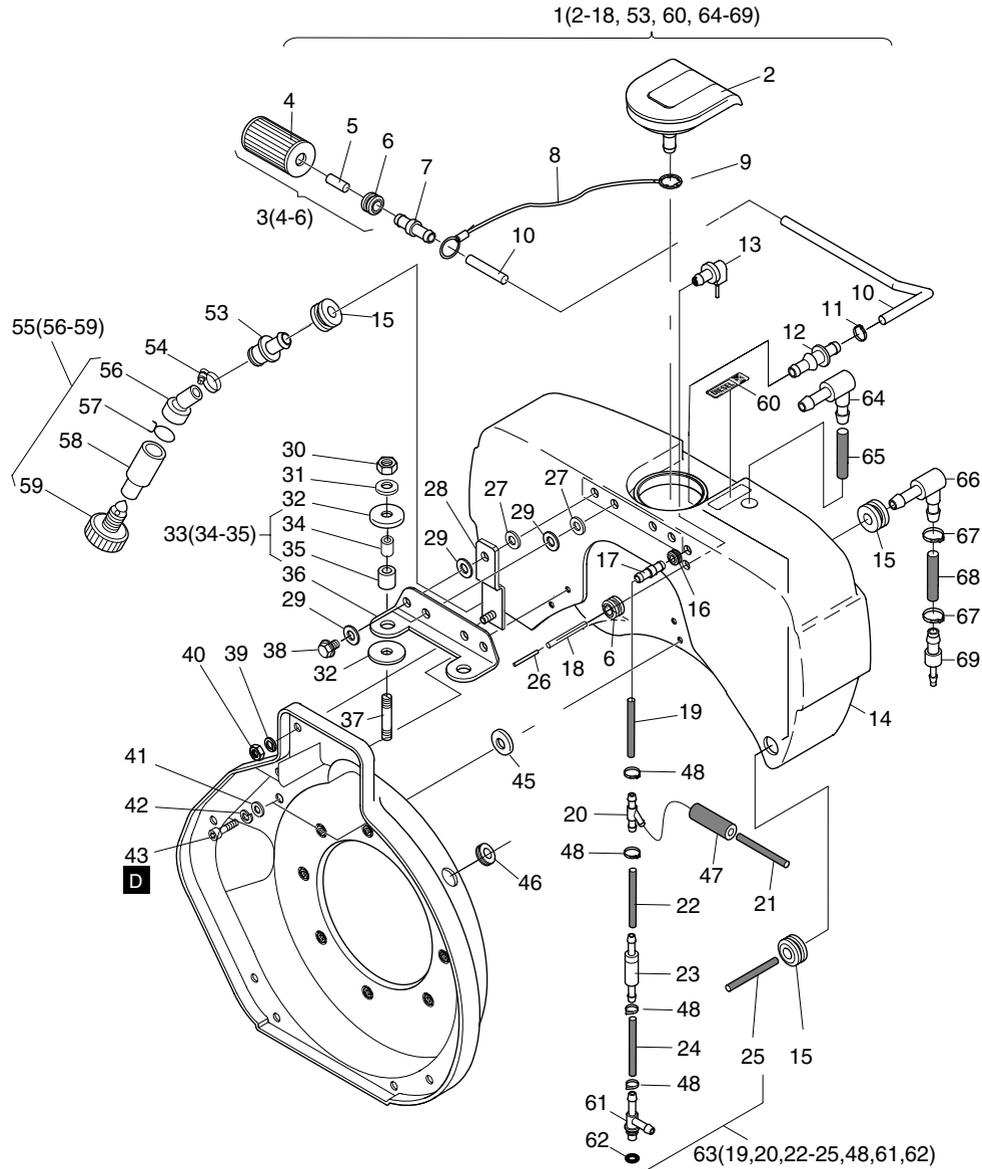


Fig.- No.	HATZ Ident-No.	Stück Qty.			P / W d / D	Bemerkungen Notes
		1B40 EPA II	1B40 NON EPA	1B50 EPA II		
37	50231900	2	2	2		M 8 x 25 DIN 835-8.8 A3C
38	01557000	4	4	4		M 6 x 18
39	50170900	2	2	2		6 DIN 128 - A3C
40	50144400	2	2	2		M 6 DIN 934 - 8 A3C
41	50120000	4	4	4		A 6,4 DIN 9021-St A3C
42	50170900	4	4	4		6 DIN 128 - A3C
43	50149100	4	4	4		M 6 x 12 DIN 912-8.8 A3C
45	04042000	2	2	2		6,5 x 22,5 x 1
46	50453300	1	1	1		
47	05213010	1	1	1		7 x 25
48	50570900	4	4	4		12,8
53	05172300	1	1	1		
54	50448000	1	1	1		
55	01519402	1	1	1		
56	05044001	1	1	1		
57	05036900	1	1	1		
58	05043901	1	1	1		
59	50414800	1	1	1		M 10
60	05235602	1	1	1		"DIESEL"
61	01756800	1	1	1		
62	50154300	1	1	1		D1
63	01662110	1	1	1		7,5 x 1,5
64	50537700	1	1	1		WS 6
65	05251800	1	1	1		20mm
66	01684020	1	1	1		
67	50523800	2	2	2		16,0
68	03701410	1	1	1		7 x 100
69	05240400	1	1	1		

Z01f

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

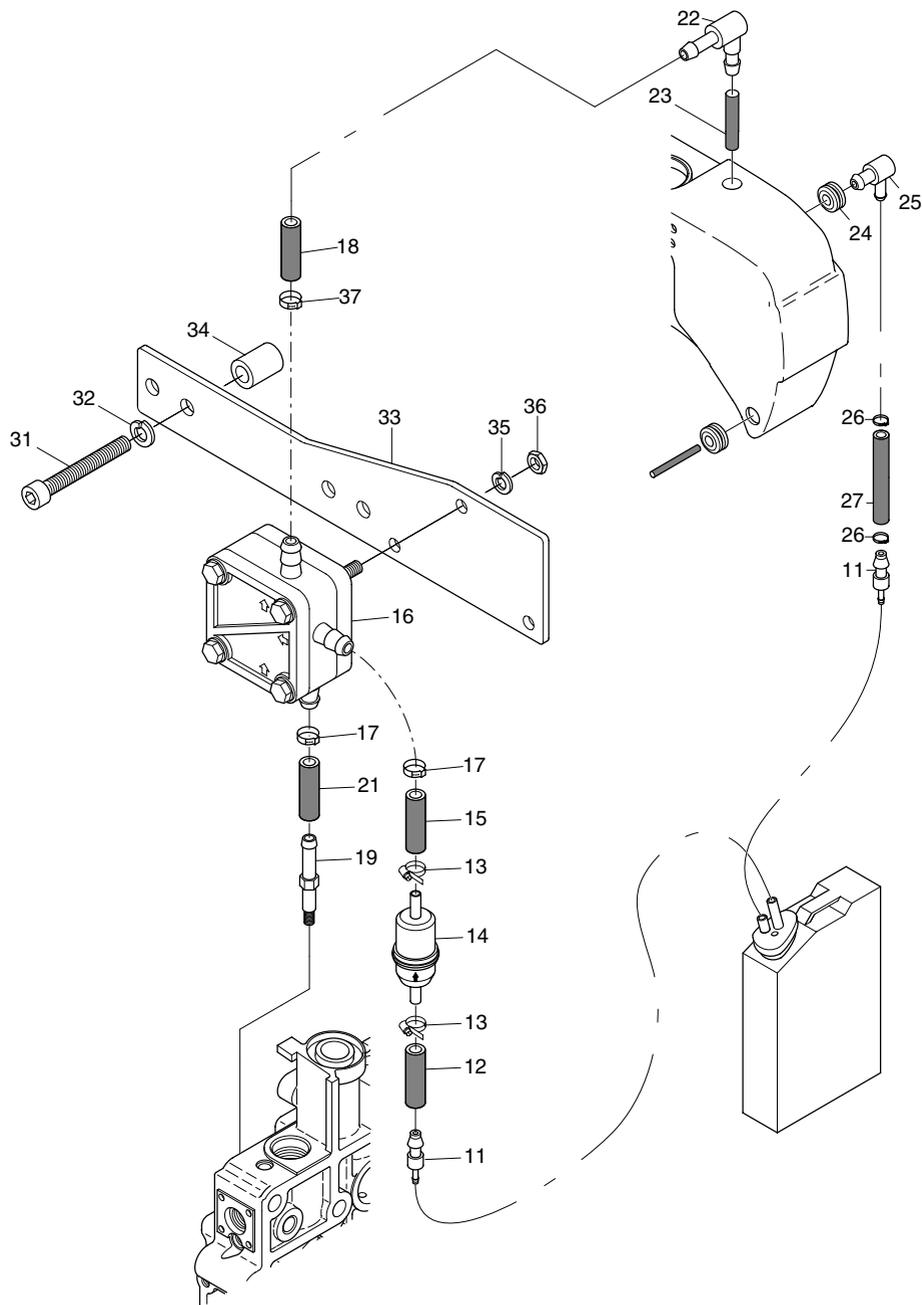


Fig.- No.	HATZ Ident-No.	Stück Qty.			P / W d / D	Bemerkungen Notes
		1B40 EPA II	1B40 NON EPA	1B50 EPA II		
11	05240400	2	2	2		
12	03493110	1	1	1	7 x 60	
13	40026100	2	2	2	10-16	
14	50317000	1	1	1	Vorfilter, prefilter	
15	05090010	1	1	1	7 x 120	
16	50533900	1	1	1		
17	50523800	2	2	2	16,0	
18	05347300	1	1	1	5,3 x 360	
19	05243201	1	1	1		
21	05090010	1	1	1	7 x 120	
22	50537700	1	1	1	WS 6	
23	05251800	1	1	1	20mm	
24	50440800	1	1	1		
25	01684020	1	1	1		
26	50523800	2	2	2	16,0	
27	03701410	1	1	1	7 x 100	
31	50374900	2	2	2	M 6 x 35 DIN 912-8.8 A3C	
32	50170900	2	2	2	6 DIN 128 - A3C	
33	05242100	1	1	1		
34	04098400	2	2	2	7 x 12 x 16,3	
35	50002600	2	2	2	5 DIN 128 - A3C	
36	50533800	2	2	2	UNC 10-24 ZN	
37	50511201	1	1	1	14,5	

Luftfilter  
Air filter  
Filtre à air  
Filtro de aire  
Filtro aria

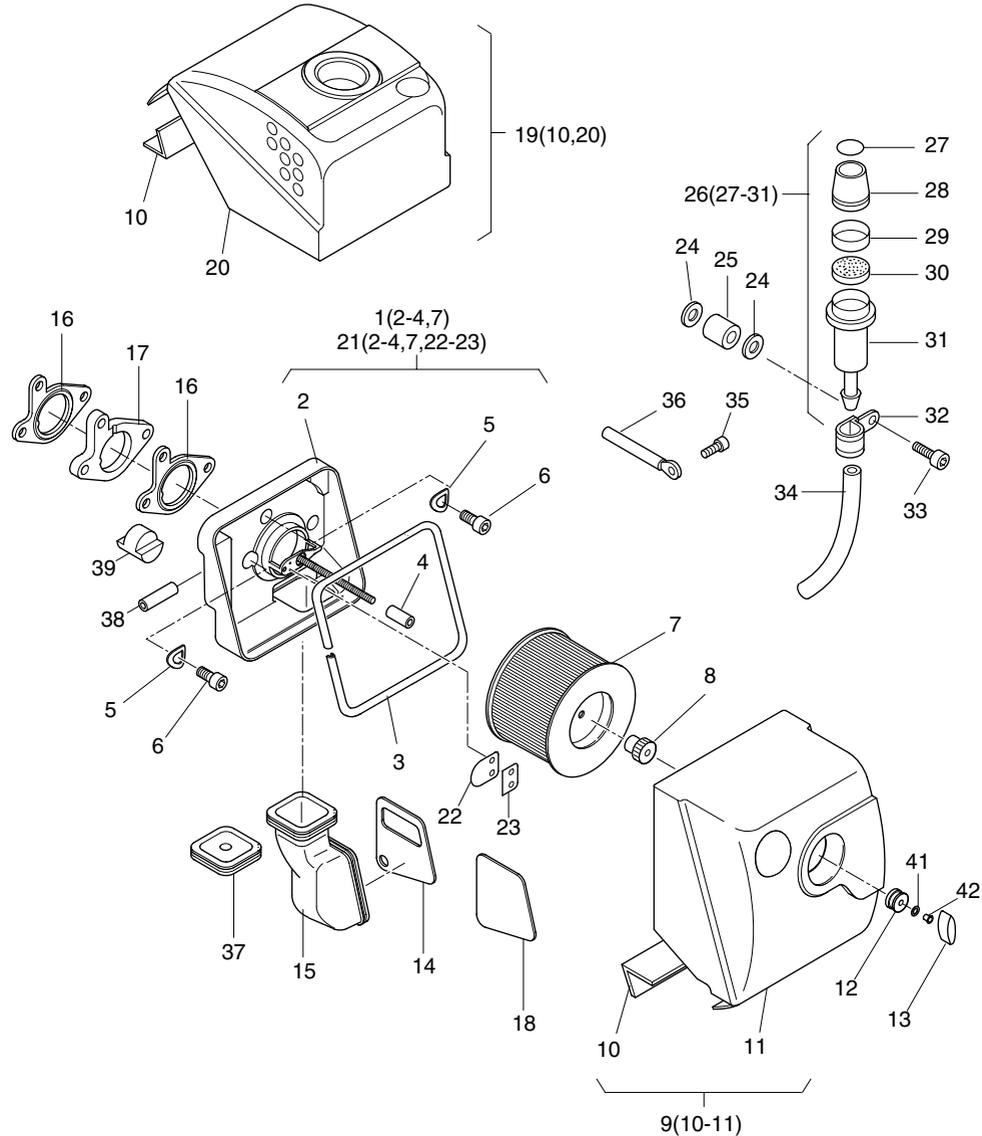


Fig.- No.	HATZ Ident-No.	Stück Qty.			P / W d / D	Bemerkungen Notes
		1B40 EPA II	1B40 NON EPA	1B50 EPA II		
1	01637410	1	-	1		
1	01637400	-	1	-		
2	-----	-	-	-		
3	05167700	1	1	1		665 mm
4	05166200	1	1	1		32 mm
5	50095100	3	3	3		A 8 DIN 137 A3C
6	50171500	3	3	3		M 8 x 25 DIN 912-8.8 A3C
7	50484100	1	1	1	W2	
8	50454300	1	1	1		M 6
9	01637300	1	1	1		
10	05158000	1	1	1		180 mm
11	-----	-	-	-		
12	50435800	1	1	1		
13	50452200	1	1	1		M 6
14	04150800	0... 1	0... 1	0... 1		
15	04146800	0... 1	0... 1	0... 1		
16	05149900	2	2	2	d2	
17	05149800	1	1	1		
18	04215200	0... 1	0... 1	0... 1		
19	01691100	1	1	1		
20	-----	-	-	-		
21	01736610	1	-	1		
21	01736600	-	1	-		
22	05147100	1	1	1		(schwarz, black, noir)
23	05147200	1	1	1		(rot, red, rouge)
24	50380500	2	2	2		J 6,4 DIN 6797-A3C
25	03222900	1	1	1		7 x 12 x 27
26	01499801	1	1	1		(Pos. 27-31)
27	05044501	1	1	1		
28	05043601	1	1	1		
29	05045600	1	1	1		(grün, green, vert, verde)
30	05137200	1	1	1		Filter, Filtre, Filtro ø 20 mm
31	05043700	1	1	1		
32	50173500	1	1	1		10 / 15
33	50213200	1	1	1		M 6 x 45 DIN 912 - 8.8 A3C
34	03899200	1	1	1		3,5 x 270 mm
35	50149100	1	1	1		M 6 x 12 DIN 912-8.8 A3C
36	05001200	1	1	1		
37	04215300	0... 1	0... 1	0... 1		
38	05309300	1	-	1		
39	05098100	1	-	1		
41	50591500	1	1	1		9 x 15 x 1,0 DIN 988
42	50591600	1	1	1		8 x 0,5 x 12 DIN 7340

**Z03b**

Abgasdämpfer  
Exhaust silencer  
Silencieux  
Silenciador  
Marmitta

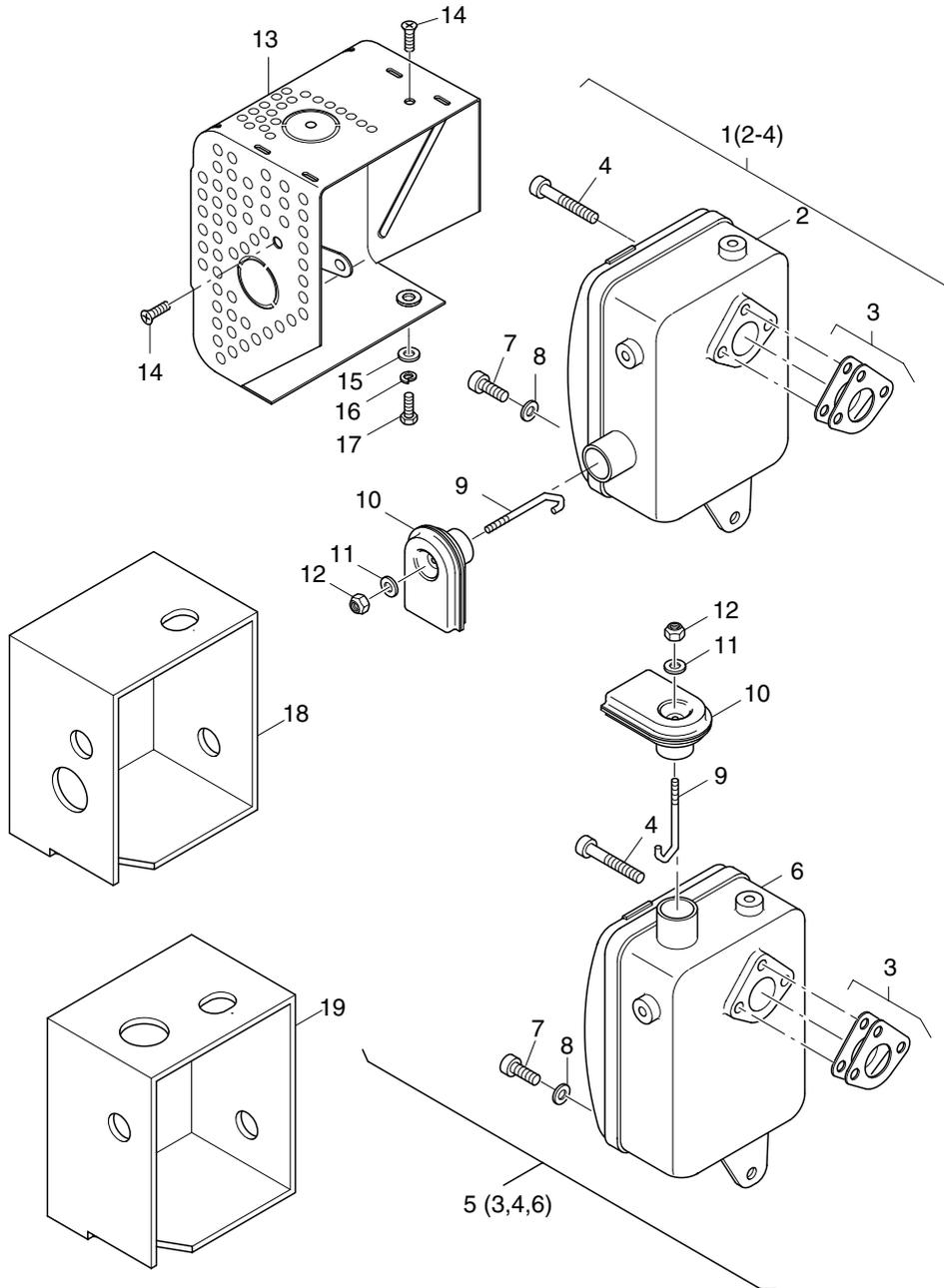


Fig.- No.	HATZ Ident-No.	Stück Qty.			P / W d / D	Bemerkungen Notes
		1B40 EPA II	1B40 NON EPA	1B50 EPA II		
1	01682501	1	1	1		
2	-----	-	-	-		
3	01732701	1	1	1	d1	
4	50403900	3	3	3		M 8 x 25 DIN 912-8.8 C4P
5	01701601	1	1	1		
6	-----	-	-	-		
7	50474200	1	1	1		M6x16 DIN912-8.8 A3C Tuf.360
8	50114300	1	1	1		6,4 x 17 x 3 DIN 7349 A3C
9	05177900	1	1	1		M 6
10	01655601	1	1	1		
11	50144500	1	1	1		6,4 DIN 125-St A3C
12	40028300	1	1	1		VM 6 DIN 980 C3P
13	01629001	1	1	1		
14	50422501	2	2	2		M 6 x 12 DIN 7991 - 8.8 A3C
15	50114300	1	1	1		6,4 x 17 x 3 DIN 7349 A3C
16	50170900	1	1	1		6 DIN 128 - A3C
17	50177100	1	1	1		M 6 x 16 DIN 933-8.8 A3C
18	01883501	0...1	0...1	0...1		"SILENT"
19	01883601	0...1	0...1	0...1		"SILENT"

# Z05a

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

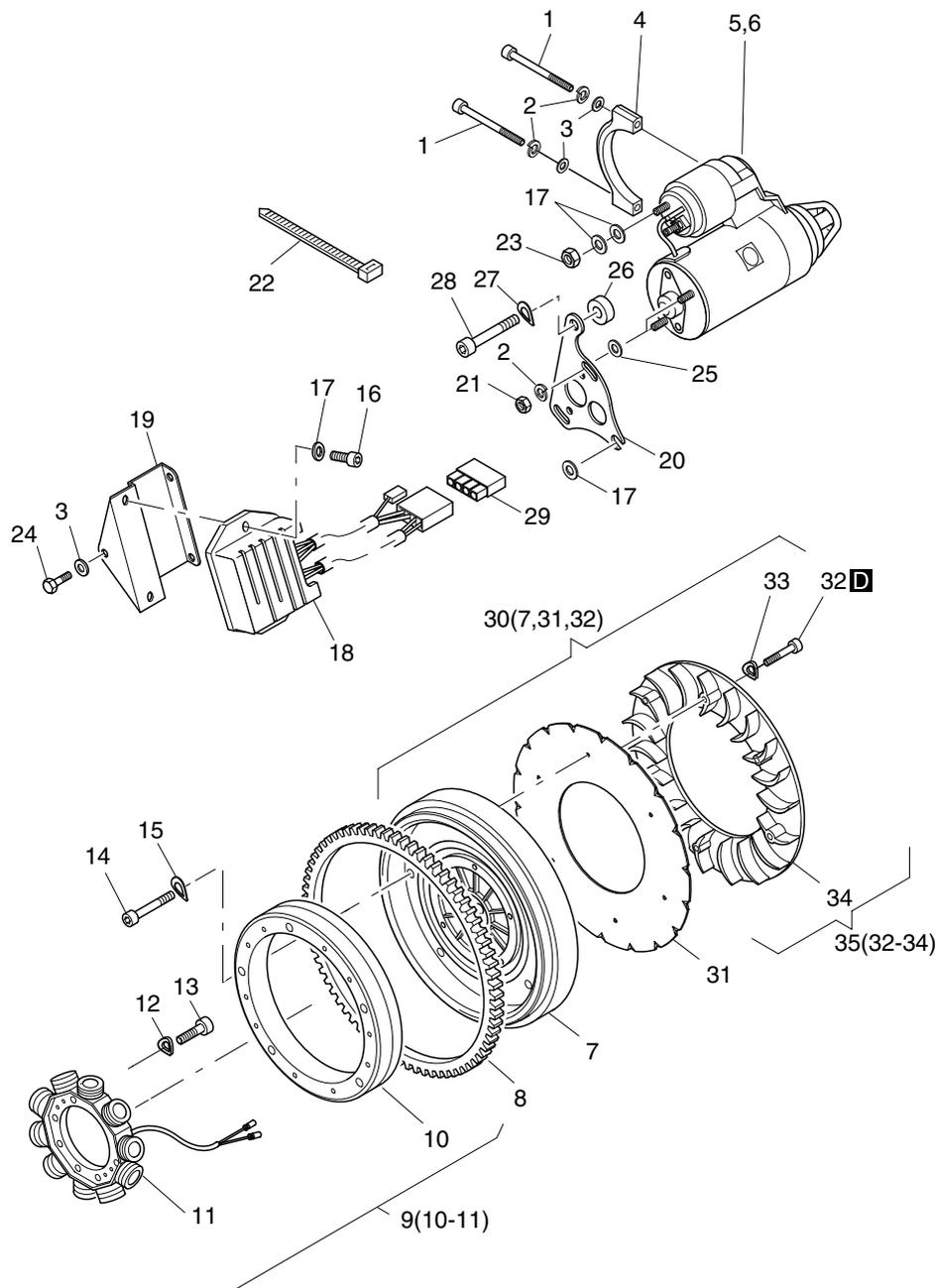


Fig.- No.	HATZ Ident-No.	Stück Qty.			P / W d / D	Bemerkungen Notes
		1B40 EPA II	1B40 NON EPA	1B50 EPA II		
1	50402300	2	2	2		M 6 x 70 DIN 912 - 8.8 A3C
2	50170900	4	4	4		6 DIN 128 - A3C
3	50144500	3	3	3		6,4 DIN 125-St A3C
4	04099100	1	1	1		
5	50483500	1	1	1		12V 1,0 kW
6	50512700	1	1	1		24V 1,6 kW
7	04234700	-	-	1		
8	04151100	1	1	1		
9	01926100	1	1	1		12V - 200 W
9	01926200	1	1	1		24V - 280 W
10	-----	-	-	-		
11	-----	-	-	-		
12	50081900	4	4	4		A 5 DIN 137 A3C
13	50547000	4	4	4		M 5 x 25 DIN 912 - 8.8 A3C Tuf.
14	50236600	5	5	5		M 6 x 25 DIN 6912-8.8 A3C
15	50081200	5	5	5		A 6 DIN 137 - A3C
16	50183000	2	2	2		M 8 x 35 DIN 912-8.8 A3C
17	50148100	6	6	6		8,4 DIN 125-St A3C
18	01983800	1	1	1		12 V
18	01983900	1	1	1		24 V
19	01663000	1	1	1		
20	05182912	1	1	1		
21	50144400	2	2	2		M 6 DIN 934 - 8 A3C
22	50439500	3	3	3		2,6 x 200
23	50344700	1	1	1		M 8 DIN 936 - 5 A3C
24	50025400	1	1	1		M 6 x 10 DIN 933 - 8.8 A3C
25	50120000	2	2	2		A 6,4 DIN 9021-St A3C
26	03714100	1	1	1		9 x 18 x 7
27	50095100	1	1	1		A 8 DIN 137 A3C
28	50392900	1	1	1		M 8 x 50 DIN 912 - 8.8 A3C
29	50402100	1	1	1		4-P.
30	01899100	1	1	-		
31	01390800	1	1	1		
32	50327300	6	6	6		M 4 x 20 DIN 912 - 8.8 A3C
33	50003400	6	6	6		A 4 DIN 137 - ST
34	-----	-	-	-		
35	01934300	1	1	1		

# Z05b, Z10, Z11

Armaturenkasten, Leitungen  
 Electric equipment, wirings  
 Equipement électrique, cable  
 Quadro de mando, cables  
 Cruscotto, cablaggio

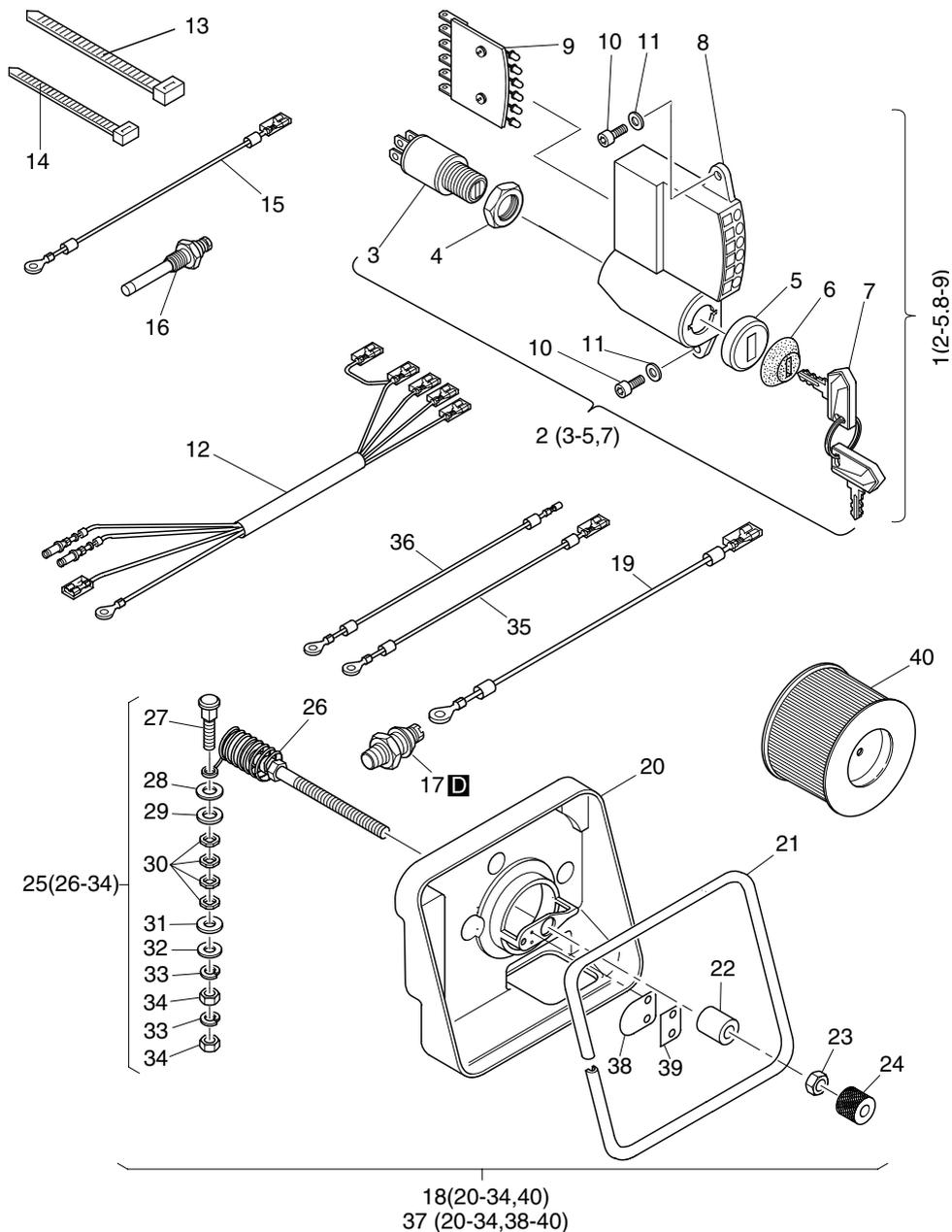


Fig.- No.	HATZ Ident-No.	Stück Qty.			P / W d / D	Bemerkungen Notes
		1B40 EPA II	1B40 NON EPA	1B50 EPA II		
1	01560802	1	1	1		
2	50384401	1	1	1		
3	-----	-	-	-		
4	-----	-	-	-		
5	-----	-	-	-		
6	05126402	1	1	1		
7	50404900	1	1	1		Nr. 14644
8	-----	-	-	-		
9	-----	-	-	-		
10	50149100	2	2	2		M 6 x 12 DIN 912-8.8 A3C
11	50144500	2	2	2		6,4 DIN 125-St A3C
12	01785900	1	1	1		
13	50167400	1	1	1		4 / 360
14	50439500	4	4	4		2,6 x 200
15	01546800	1	1	1		(0) Masse
16	50268600	1	1	1		TEMP. 12-24V
17	50469100	1	1	1		0,3 - 0,6 OIL
18	01715110	1	-	1		12 V
18	01745310	1	-	-		24V
18	01715101	-	1	-		12V
18	01745300	-	1	-		24V
18	01958700	-	-	1		24V
19	01546500	1	1	1		(4)
20	-----	-	-	-		
21	05167700	1	1	1		665 mm
22	04119200	1	1	1		6,5 x 13 x 15
23	50144400	1	1	1		M 6 DIN 934 - 8 A3C
24	05149600	1	1	1		12 mm
25	01747400	1	1	1		12V
25	01756900	1	1	1		24V
26	-----	-	-	-		
27	05040100	1	1	1		
28	50144500	1	1	1		6,4 DIN 125-St A3C
29	50412801	1	1	1		6,5
30	50412600	4	4	4		
31	50412700	1	1	1		
32	50216300	1	1	1		5,3 DIN 125-St A3C
33	50002600	2	2	2		5 DIN 128 - A3C
34	50094300	2	2	2		M 5 DIN 934-8 A3C
35	01715200	0... 1	0... 1	0... 1		(6) 400 mm
36	01715300	0... 1	0... 1	0... 1		(6) 430 mm
37	01756310	1	-	1		12V
37	01756410	1	-	-		24V
37	01756300	-	1	-		12V
37	01756400	-	1	-		24V
38	05147100	1	1	1		(schwarz, black, noir)
39	05147200	1	1	1		(rot, red, rouge)
40	50484100	1	1	1		

# Z09a

Drehzahlverstellung  
 Speed control  
 Réglage régime  
 Ajuste de revoluciones  
 Comando acceleratore

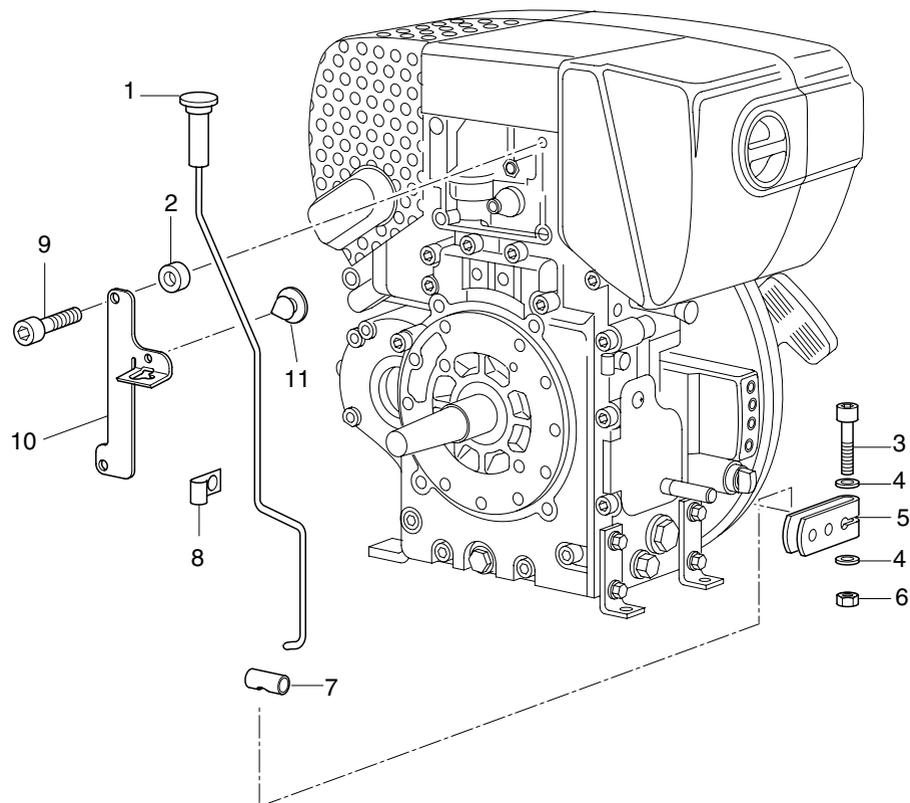
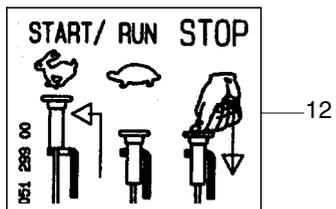


Fig.- No.	HATZ Ident-No.	Stück Qty.			P / W d / D	Bemerkungen Notes
		1B40 EPA II	1B40 NON EPA	1B50 EPA II		
1	01671400	1	1	1		
2	03354600	2	2	2	7 x 12 x 8	
3	50511900	1	1	1	M 5 x 30 DIN 912 - 8.8 A3C	
4	50216300	2	2	2	5,3 DIN 125-St A3C	
5	05117700	1	1	1		
6	50094300	1	1	1	M 5 DIN 934-8 A3C	
7	05118500	1	1	1		
8	05124600	1	1	1		
9	50462900	2	2	2	M 6 x 20 DIN 6912 - 8.8 A3C	
10	05191100	1	1	1		
11	50482900	1	1	1		
12	05129900	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

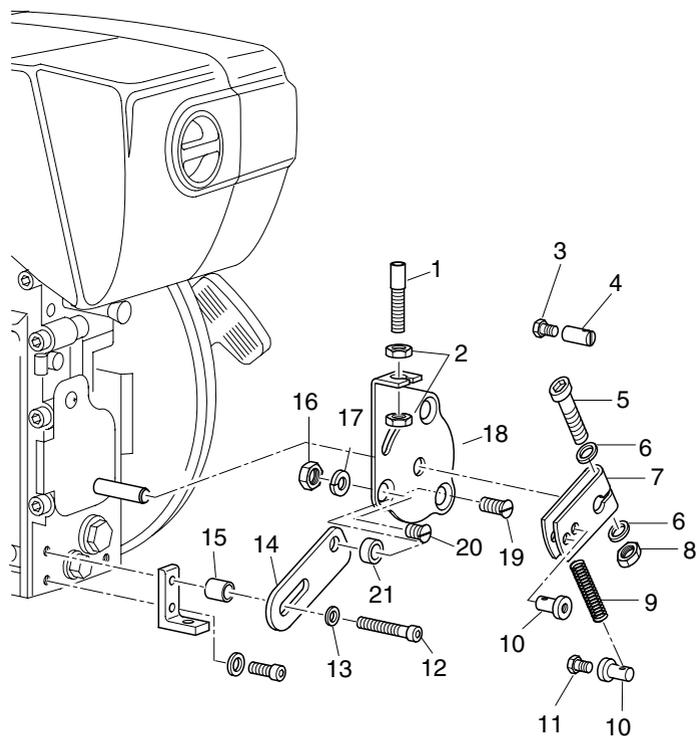


Fig.- No.	HATZ Ident-No.	Stück Qty.			P / W d / D	Bemerkungen Notes
		1B40 EPA II	1B40 NON EPA	1B50 EPA II		
1	05141200	1	1	1		M 6
2	50144400	2	2	2		M 6 DIN 934 - 8 A3C
3	50025000	1	1	1		M 4 x 10 DIN 933-8.8 A3C
4	50483000	1	1	1		2,2 NR. 1120
5	50511900	1	1	1		M 5 x 30 DIN 912 - 8.8 A3C
6	50216300	2	2	2		5,3 DIN 125-St A3C
7	05117700	1	1	1		
8	50094300	1	1	1		M 5 DIN 934-8 A3C
9	50484600	1	1	1		VD-179 E
10	50483100	2	2	2		2,2 NR. 1450
11	50025000	1	1	1		M 4 x 10 DIN 933-8.8 A3C
12	50342400	1	1	1		M 8 x 50 DIN 6912-8.8 A3C
13	50148100	1	1	1		8,4 DIN 125-St A3C
14	05189600	1	1	1		
15	03599600	1	1	1		8,5 x 13 x 6
16	50328300	1	1	1		VM 6 DIN 980-8 A3C
17	50208500	1	1	1		8 DIN 128 A3C
18	05117610	1	1	1		
19	50423900	1	1	1		M 6 x 20 DIN 7991-10.9 A3C
20	50380800	1	1	1		M 6 x 10 DIN 7991 -8.8 A3C
21	03292900	1	1	1		8,2 x 11 x 12

Z09c

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

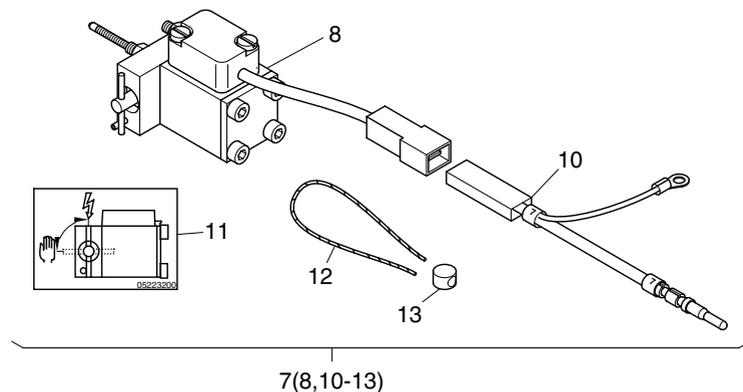
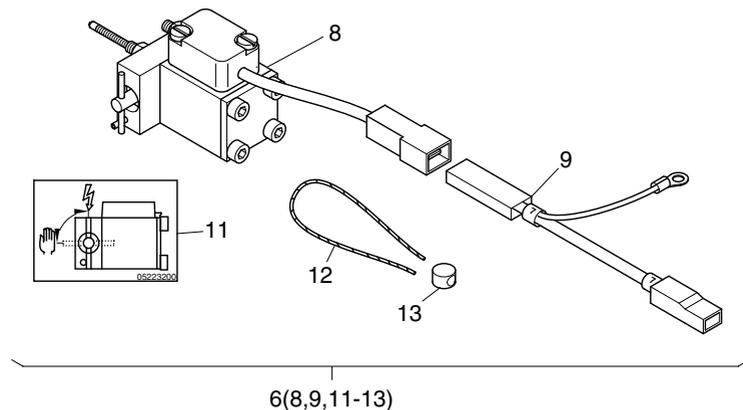
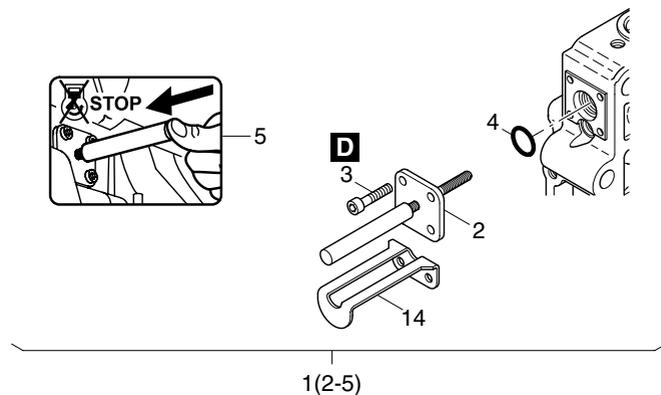


Fig.- No.	HATZ Ident-No.	Stück Qty.			P / W d / D	Bemerkungen Notes
		1B40 EPA II	1B40 NON EPA	1B50 EPA II		
1	01786400	1	1	1		
2	-----	-	-	-		
3	50446900	4	4	4	M 4 x 16 DIN 912-8.8 A3C Tuf.	
4	50329000	1	1	1	9,5 x 2,5	
5	05221301	1	1	1	Hinweisschild	
6	01786001	1	1	1	12V	
6	01786201	1	1	1	24V	
7	01786101	1	1	1	12V	
7	01786301	1	1	1	24V	
8	-----	-	-	-		
9	01547101	1	1	1		
10	01548201	1	1	1		
11	05223200	1	1	1		
12	40021500	1	1	1	0,5 / 0,3 x 200	
13	40021400	1	1	1	8 mm ø	
14	05307200	1	1	1		

Z18

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

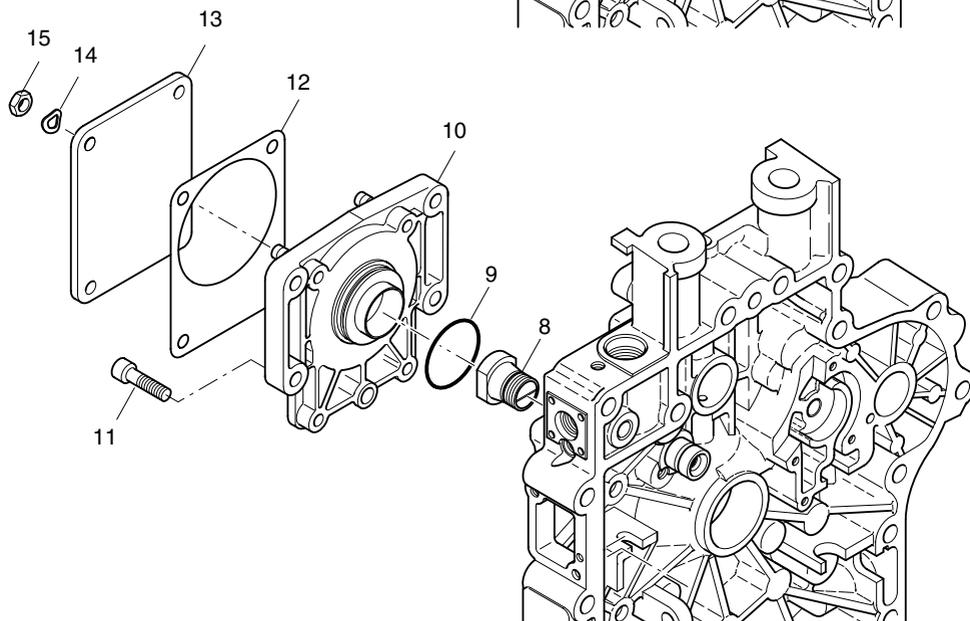
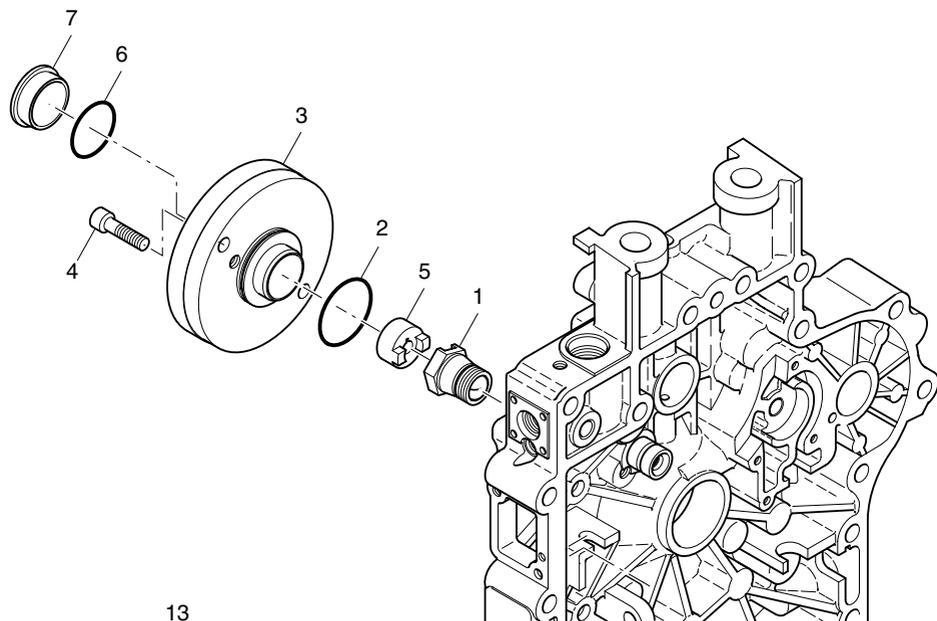


Fig.- No.	HATZ Ident-No.	Stück Qty.			P / W d / D	Bemerkungen Notes
		1B40 EPA II	1B40 NON EPA	1B50 EPA II		
1	01558100	1	1	1		
2	50454500	1	1	1	44 x 1,5	
3	05212200	1	1	1	(BOSCH)	
4	50175900	2	2	2	M 8 x 30 DIN 912-8.8 A3C	
5	05114700	1	1	1		
6	50288200	1	1	1	32 x 2,5	
7	50163101	1	1	1	F 25 ø 31,8	
8	01558000	1	1	1		
9	50454500	1	1	1	44 x 1,5	
10	01690901	1	1	1	(BOSCH)	
11	50494300	4	4	4	M 8 x 20 DIN 912-8.8 Tuf.	
12	03568000	1	1	1		
13	03761600	1	1	1		
14	50095100	4	4	4	A 8 DIN 137 A3C	
15	50148000	4	4	4	M 8 DIN 934-8 A3C	

**Z25**

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

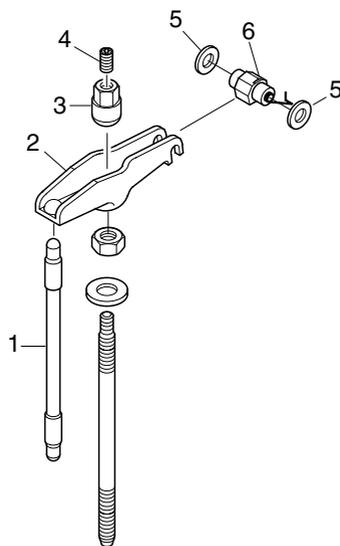
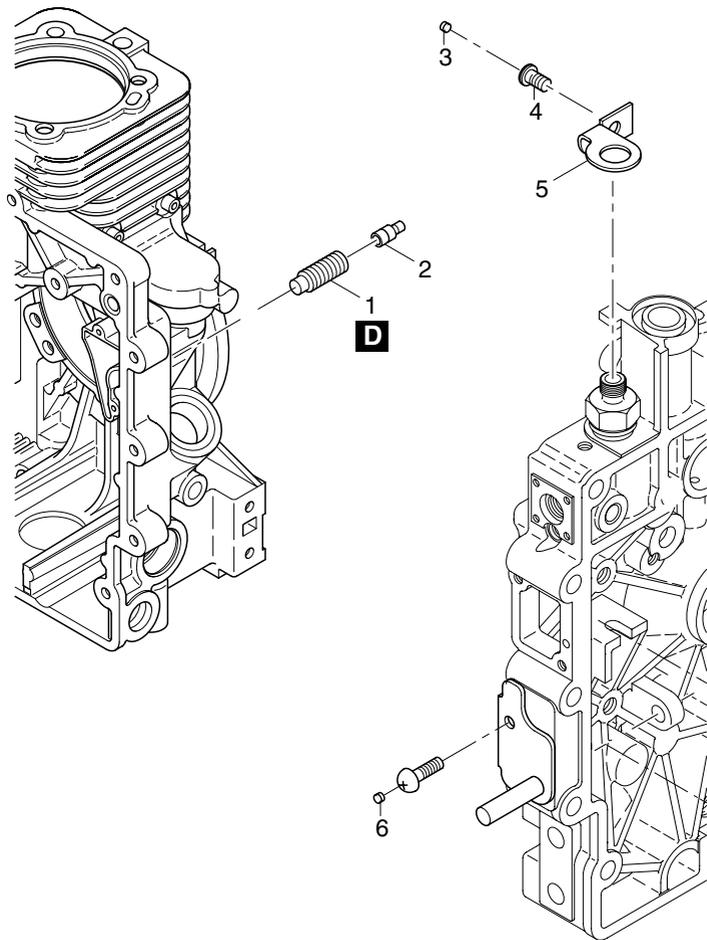


Fig.- No.	HATZ Ident-No.	Stück Qty.			P / W d / D	Bemerkungen Notes
		1B40 EPA II	1B40 NON EPA	1B50 EPA II		
1	01374000	2	2	2		
2	05146701	2	2	2		
3	05054700	2	2	2		
4	50513100	2	2	2		
5	05240700	0... 4	0... 4	0... 4		
5	50445100	0... 4	0... 4	0... 4		
6	01776000	2	2	2		
					W2	M 8 x 10 DIN 916 - 45 H 6 x 12 x 1,35 6 x 12 x 1,2 DIN 988

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
		1B40 EPA II	1B50 EPA II		
1	04198800	1	1		
2	04150500	1	1		6
3	04170600	1	1		4,15
4	50495000	1	1		M 6 x 12 DIN 7380-10.9 A3C
5	04185301	1	1		
6	05201500	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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1 B 40.10	1 B 40.11	01.610
1 B 40.11	1 B 40.12	01.613
1 B 40.12	1 B 40.13	05.640
1 B 40.13	1 B 40.14	05.652
1 B 50.10	1 B 50.11	07.669