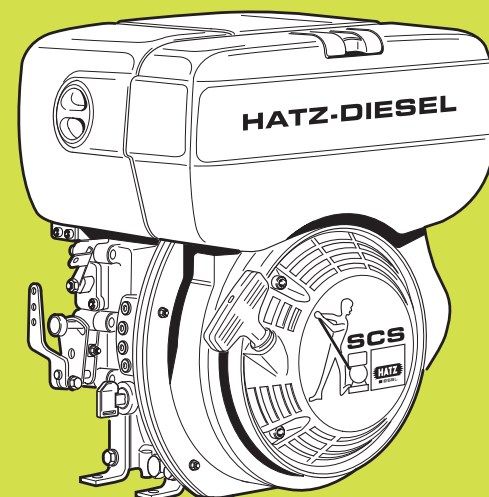




MOTORENFABRIK HATZ • D-94099 Ruhstorf • Germany
Tel.: 0 85 31 / 3 19-0 • Telefax: 0 85 31 / 31 94 18
eMail: marketing@hatz-diesel.com • <http://www.hatz-diesel.com>

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



1B40
1B50

434 840 14- 11.07- 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

①	TYP
②	KENNZ.
③	MOTOR/FABRIK NO.
④	MIN ⁻¹

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. - **1101407123456** (=1B40.14 EPA II)
MOTOR/FABRIK NO. - **3041407123456** (=1B40.14 NON EPA)
MOTOR/FABRIK NO. - **1241107123456** (=1B50.11 EPA II)

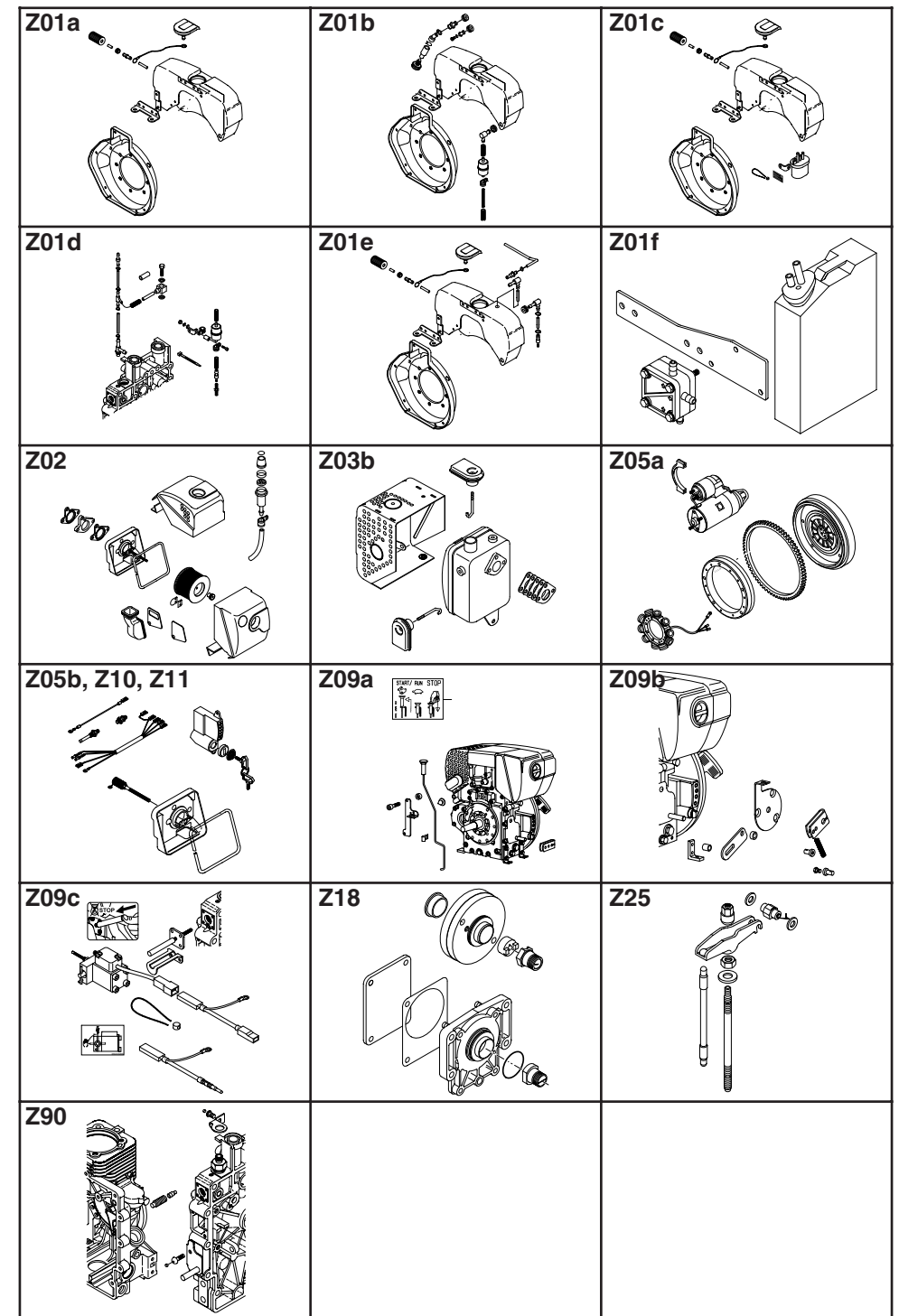
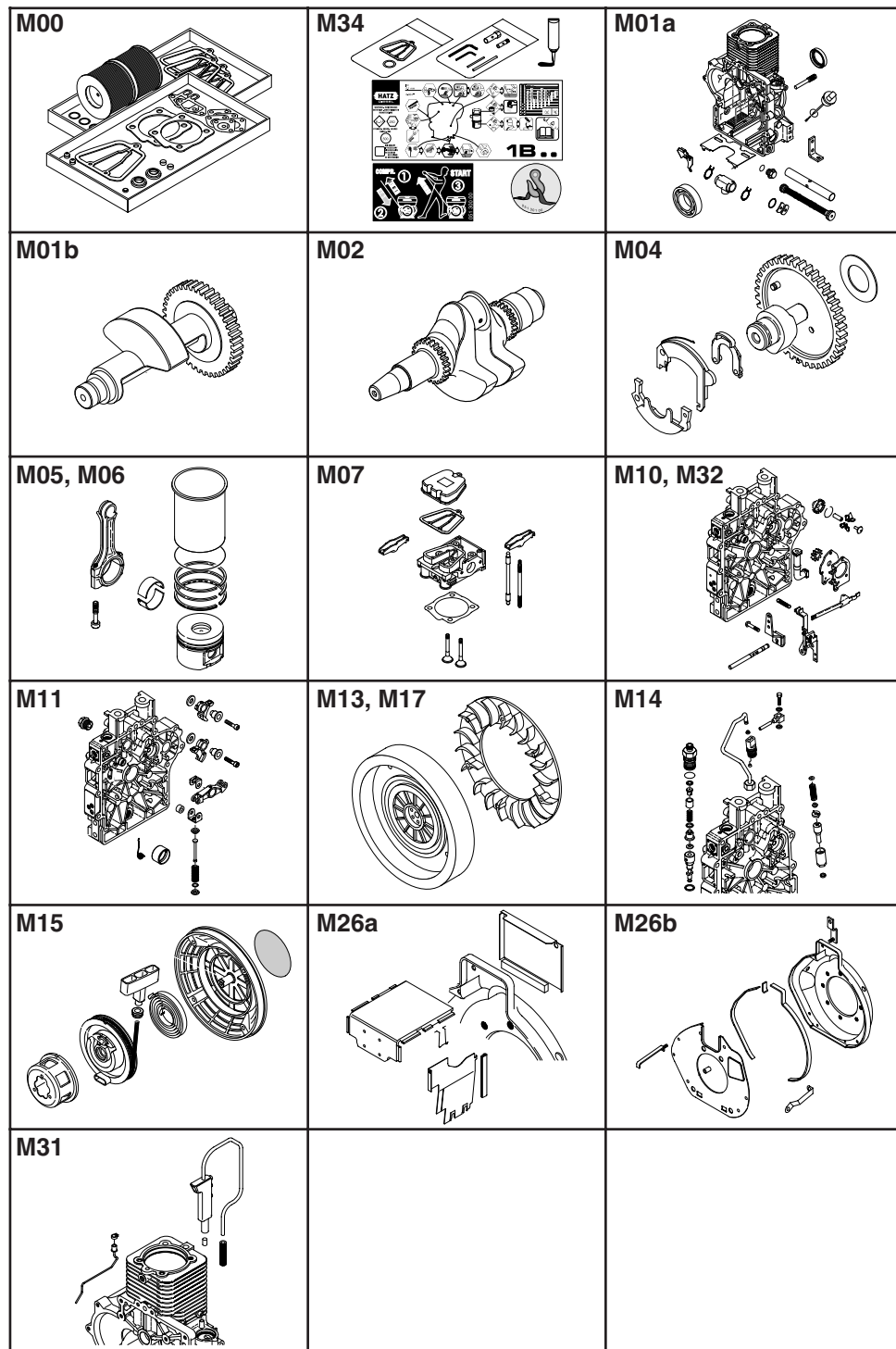
Verwenden Sie nur **Original HATZ-Ersatzteile**. Nur diese Teile garantieren einwandfreie Maßhaltigkeit und Qualität.

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

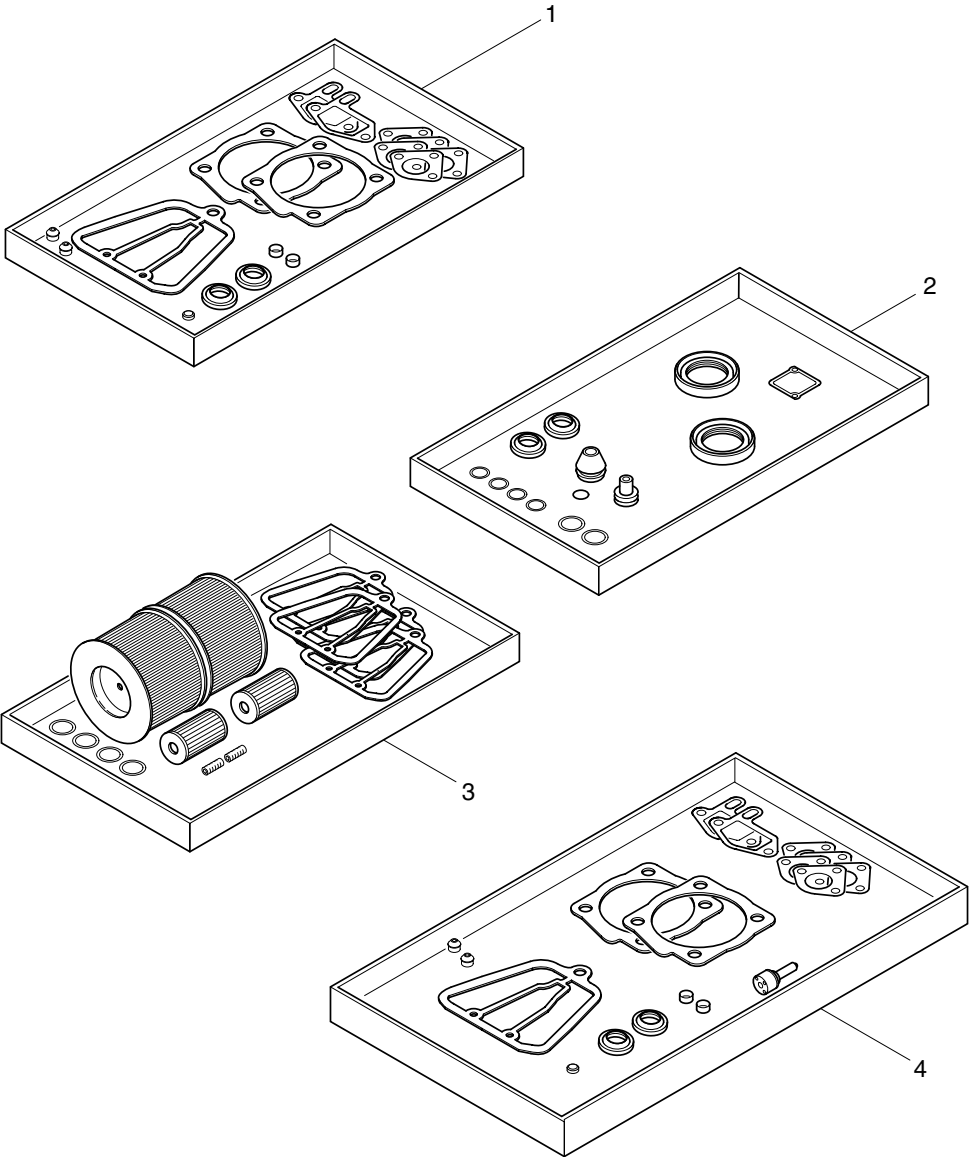


Fig.- No.	HATZ Ident-No.	Stück Qty.			P / W d / D	Bemerkungen Notes
		1B40 EPA II	1B40 NON EPA	1B50 EPA II		
W: Im Wartungssatz enthalten. Incl. in maintenance kit. Contenu dans le jeu d'entretien. Incluido en el juego de mantenimiento. Contenuto nella serie manutenzione.						
d: Im Dichtungssatz f. 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.						
1	01679203	1	1	-	P 1	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.
1	01940000	-	-	1		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.
2	01679302	1	1	1		1: Anzahl pro Satz - Qty. per kit Quantite p. jeu - Cantidad p. juego. Quantità per serie Dichtungssatz für 1 Zylinderkopf Gasket set for 1 cyl. head Jeu de joint p. 1 culasse Juego de juntas para 1 culata Serie guarniziono per 1 testa
3	01679400	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
4	01679510	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	01849810	-	1	-		
4	01940100	-	-	1		
Pannensatz - Emergency kit Kit de secours-Juego para averias Kit di prima necessità						

Zubehör
Accessories
Accessoires
Accessorios
Kit accessori

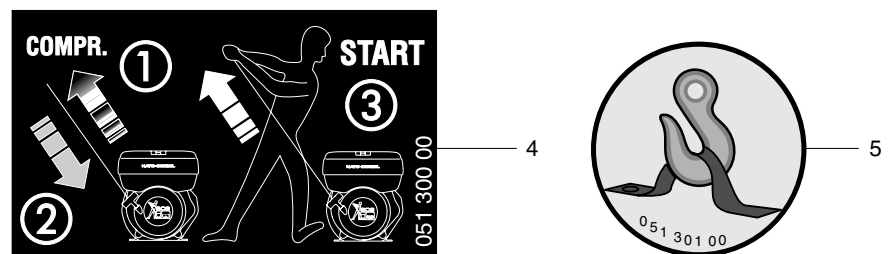
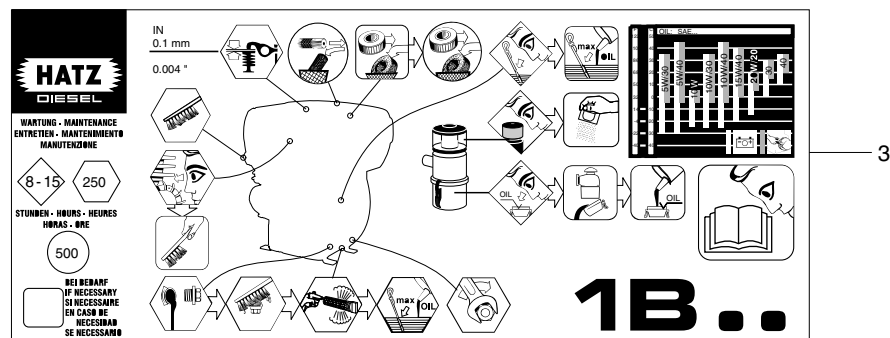
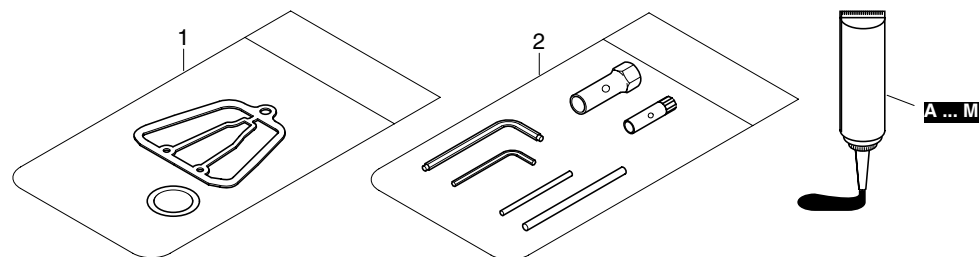


Fig.- No.	HATZ Ident-No.	Stück Qty.			P / W d / D	Bemerkungen Notes
		1B40 EPA II	1B40 NON EPA	1B50 EPA II		
1	01329701	1	1	1		Zubehörsatz - Accessoires kit
2	01330901	1	1	1		Werkzeugsatz - Tool set
3	05110404	1	1	1		160 x 67mm
4	05130000	1	1	1		
5	05130100	1	1	1		

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

Kurbelgehäuse
Crankcase
Carter moteur
Caja cigüeñal
Basamento motore

9

M01b

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

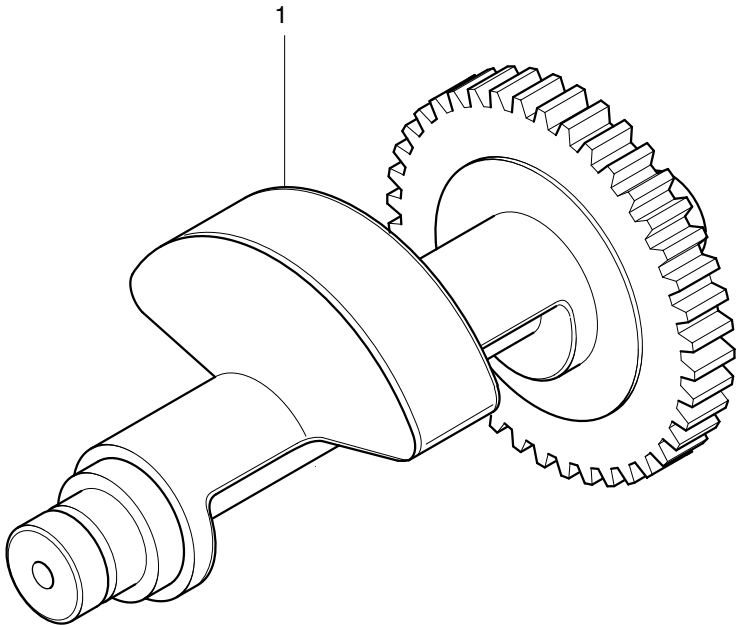


Fig.- No.	HATZ Ident-No.	Stück Qty.			P / W d / D	Bemerkungen Notes
		1B40U EPA II	1B40U NON EPA	1B50U EPA II		
1	01349201	1	1	1		

M02

Kurbelwelle
Crankshaft
Vilebrequin
Cigüeñal
Albero a gomito

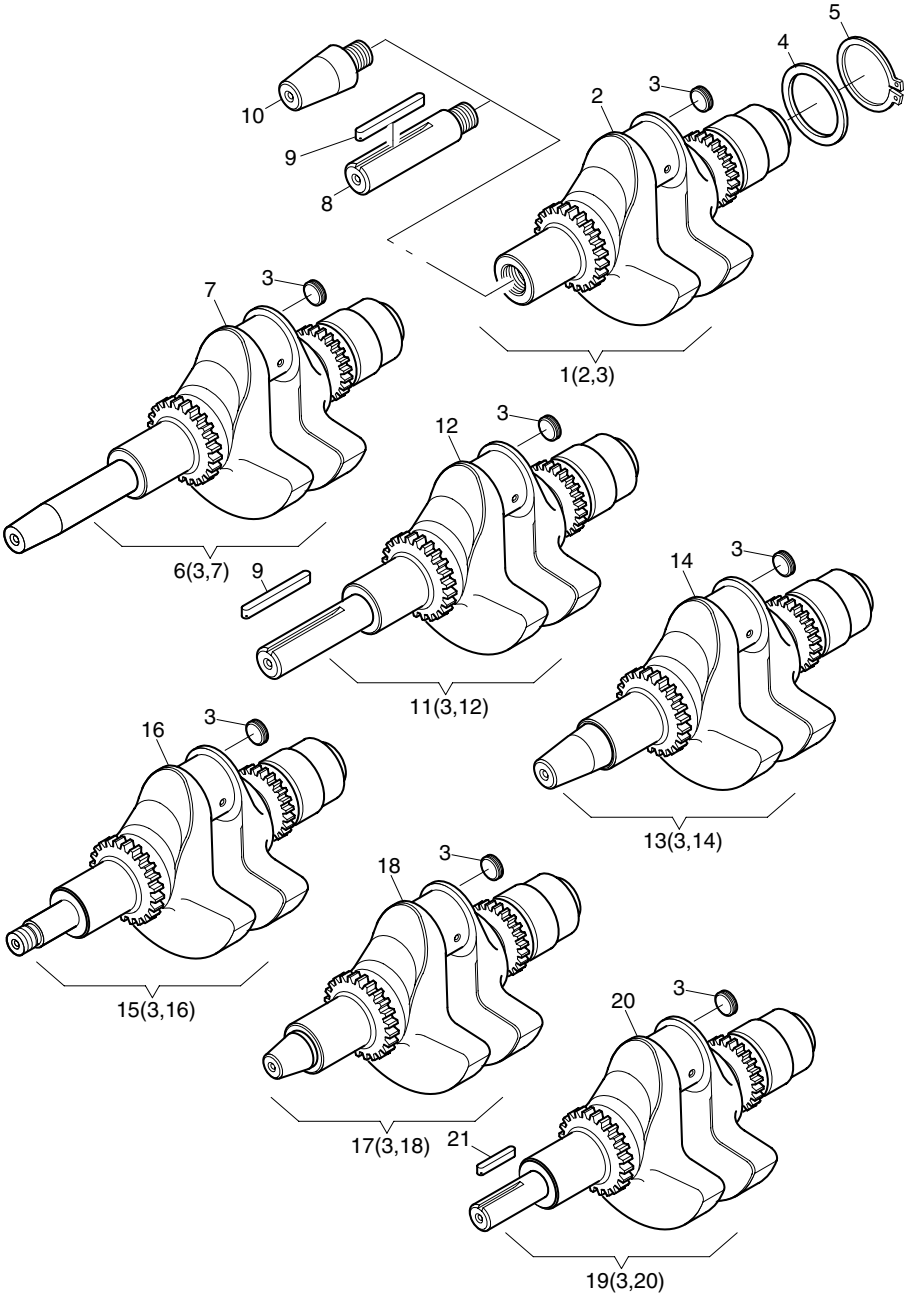


Fig.- No.	HATZ Ident-No.	Stück Qty.			P / W d / D	Bemerkungen Notes
		1B40 EPA II	1B40 NON EPA	1B50 EPA II		
1	01359401	1	1	1		"U" Nr.X
2	-----	-	-	-		
3	50529700	1	1	1		14 DIN 443 St
4	50481400	1	1	1		50 x 62 x 3,0
5	50021800	1	1	1		A 50 x 2 DIN 471
6	01349301	1	1	1		"U" Nr.4 SAE ø 7/8"
7	-----	-	-	-		
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

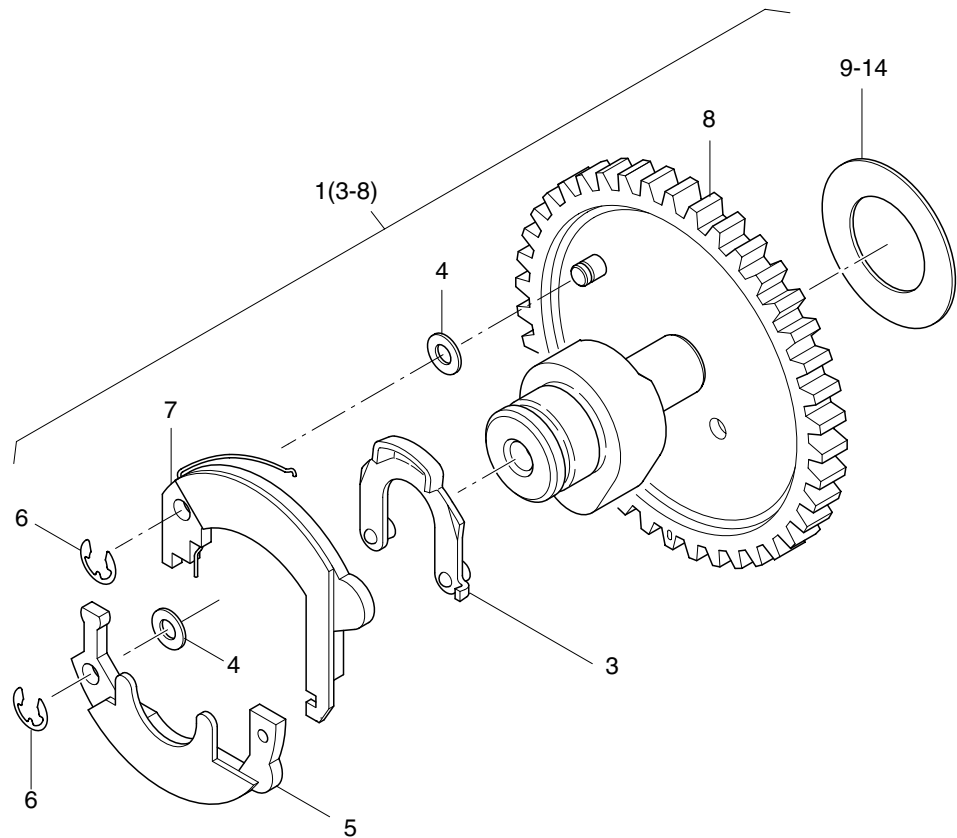


Fig.- No.	HATZ Ident-No.	Stück Qty.			P / W d / D	Bemerkungen Notes
		1B40 EPA II	1B40 NON EPA	1B50 EPA II		
1	01345003	1	1	1		
3	01326401	1	1	1		
4	50123200	2	2	2		5 x 10 x 0,5 DIN 988
5	01326600	1	1	1		
6	50255300	2	2	2		3,2 DIN 6799
7	01326501	1	1	1		
8	-----	-	-	-		
9	04121700	0... 1	0... 1	0... 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

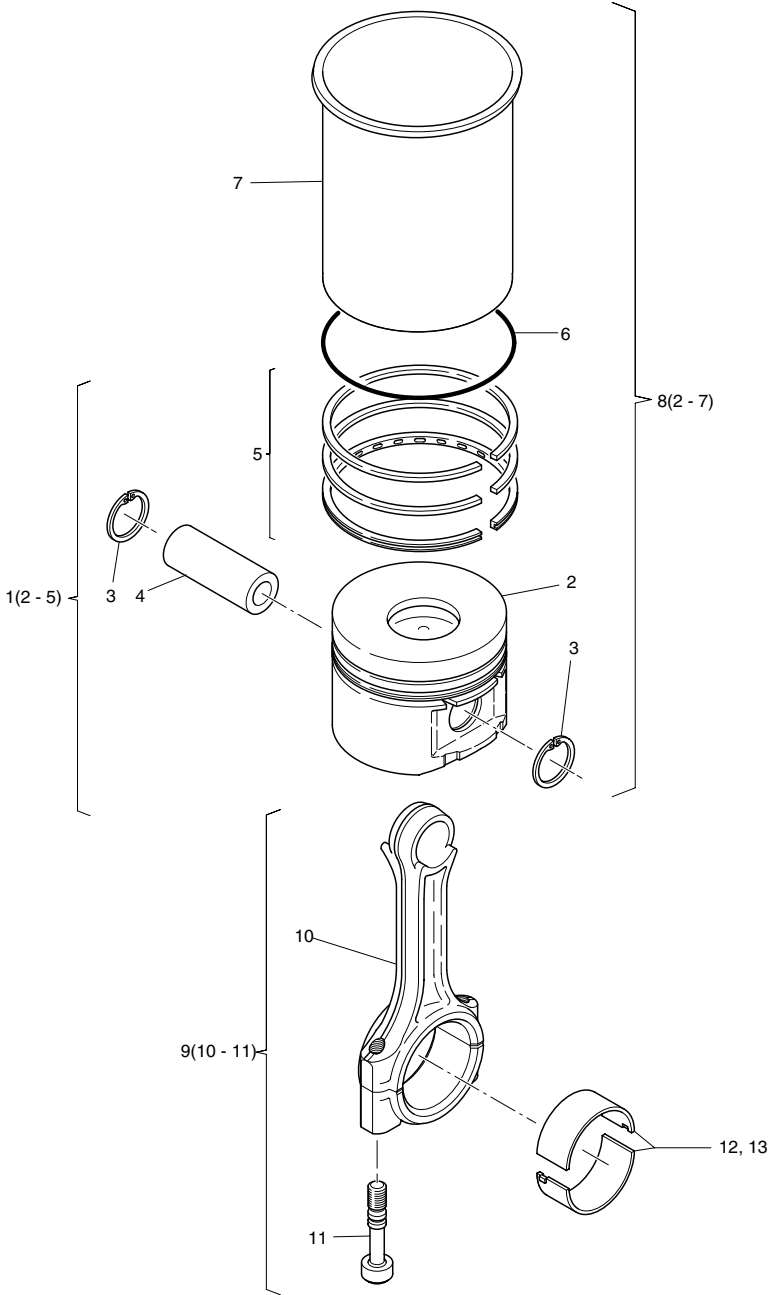


Fig.- No.	HATZ Ident-No.	Stück Qty.			P / W d / D	Bemerkungen Notes
		1B40 EPA II	1B40 NON EPA	1B50 EPA II		
1	01374810	1	1	-		88 mm
1	01384310	-	-	1		93 mm
2	-----	-	-	-		
3	50482300	2	2	2		22 x 1 DIN 472
4	50527100	1	1	-		22 x 13 x 58
4	50566400	-	-	1		22 x 13 x 60
5	01374701	1	1	-		88 mm
5	01384410	-	-	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

Zylinderkopf
Cylinder head
Culasse
Culata
Testa

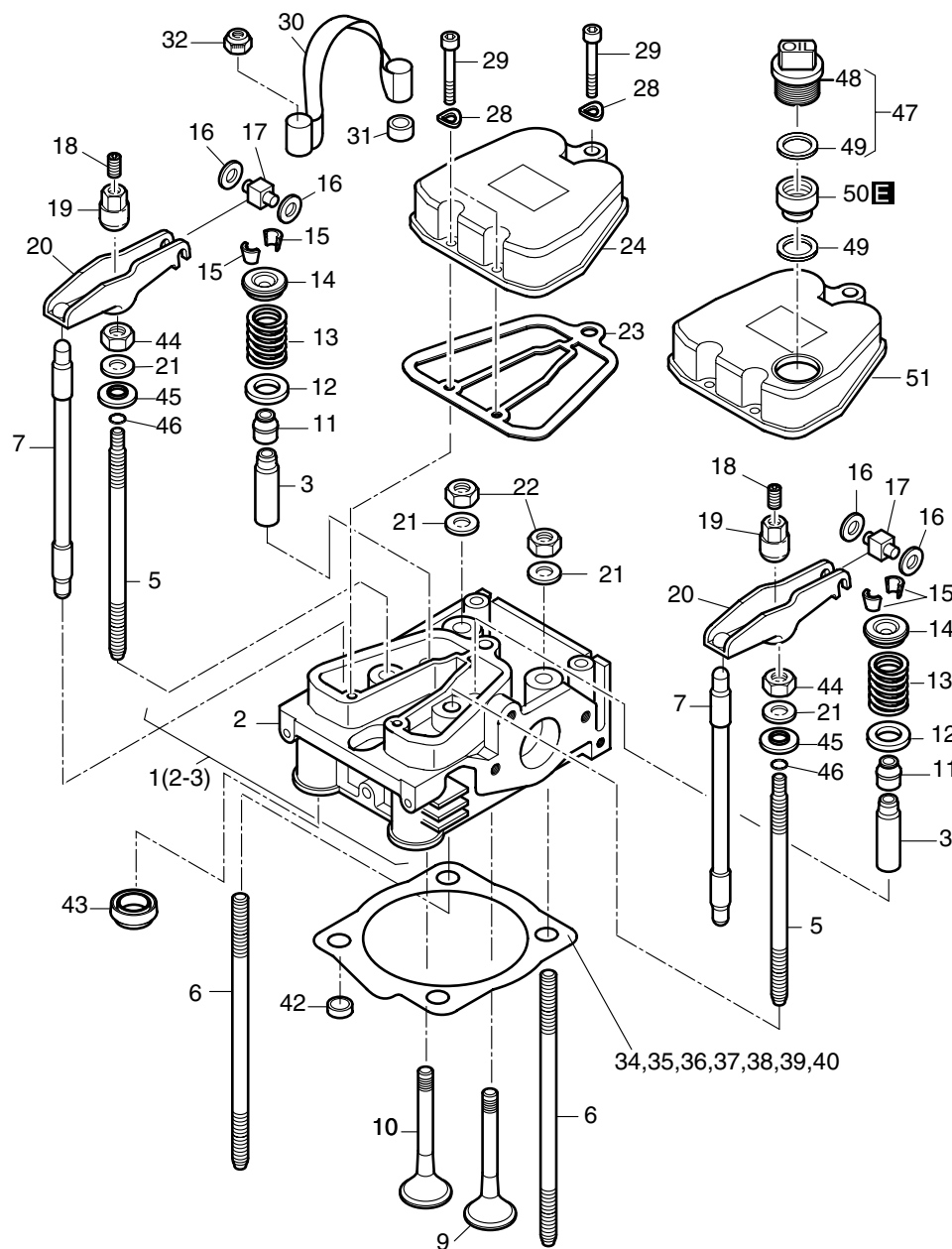


Fig.- No.	HATZ Ident-No.	Stück Qty.			P / W d / D	Bemerkungen Notes
		1B40 EPA II	1B40 NON EPA	1B50 EPA II		
1	01850902	1	1	1		
2	-----	-	-	-		
3	05209700	2	2	2		
5	05159600	2	2	-		149 (M 10 - M 8)
5	04253010	-	-	2		232 mm
6	05159700	2	2	-		155 (M 10)
6	04253110	-	-	2		245 mm
7	01374000	2	2	2		
9	05145100	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		(10 x 12 x 9)
31	04126100	2	2	2		VM 10 DIN 980-8 C3A
32	40028600	2	2	2		0,4 mm
34	05158903	0... 1	0... 1	-		0,4 mm
34	04271700	-	-	0... 1		0,45 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

Zylinderkopf
Cylinder head
Culasse
Culata
Testa

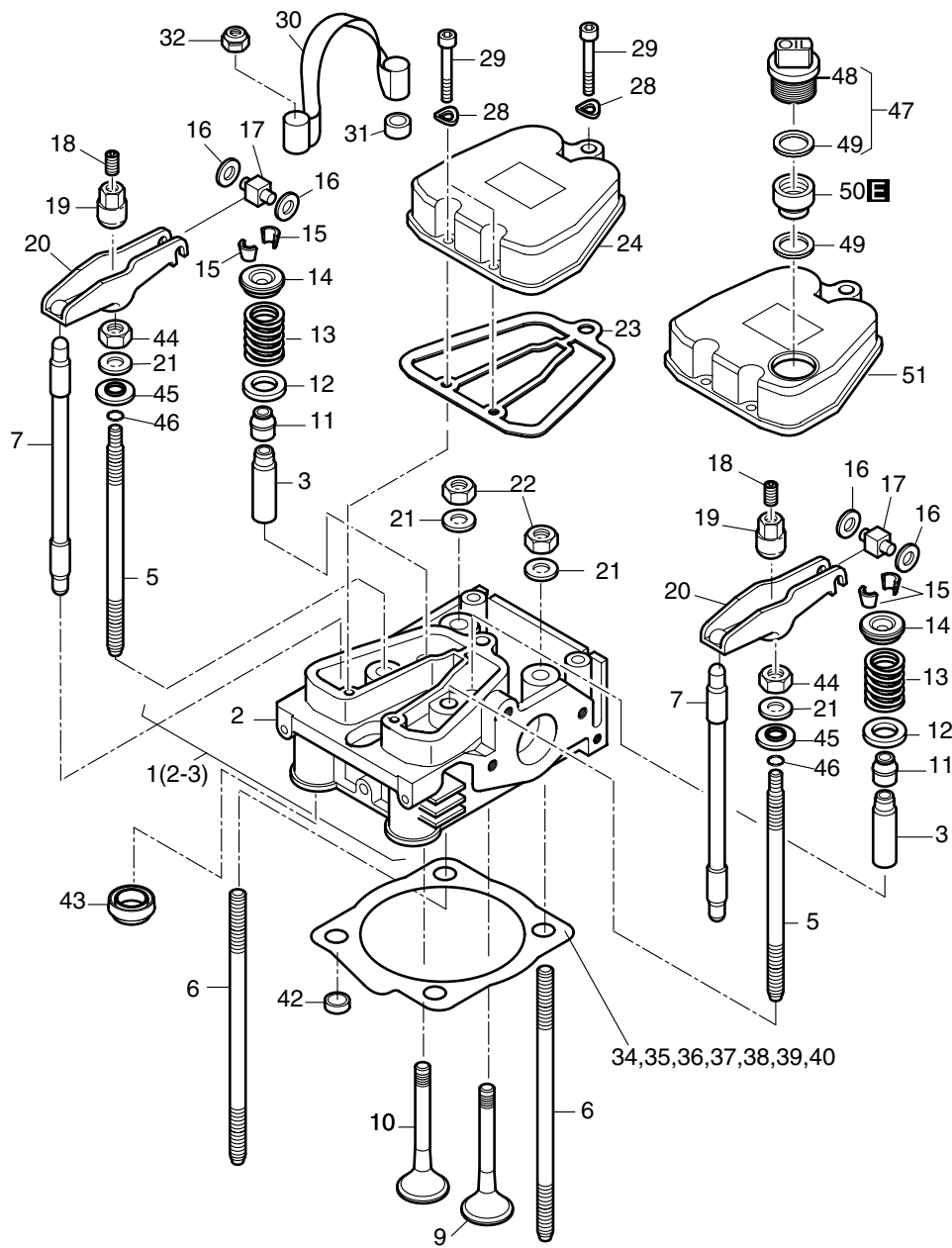


Fig.- No.	HATZ Ident-No.	Stück Qty.			P / W d / D	Bemerkungen Notes
		1B40 EPA II	1B40 NON EPA	1B50 EPA II		
37	04251020	-	-	0... 1		0,75 mm
38	05159303	0... 1	0... 1	-		0,8 mm
38	04235320	-	-	0... 1		0,8 mm
38	04251120	-	-	0... 1		0,85 mm
39	05159403	0... 1	0... 1	-		0,9 mm
39	04235420	-	-	0... 1		0,9 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		
43	04106501	2	2	2	d2	
44	50396600	2	2	2		M 10 DIN 934-10 A3C
45	04243700	2	2	-	d2	
46	50563900	2	2	-	d2	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, régulateur régime, réglage régime
Bomba de aceite, regulador, ajuste de revoluciones
Pompa olio, regolatore di giri, comando acceleratore

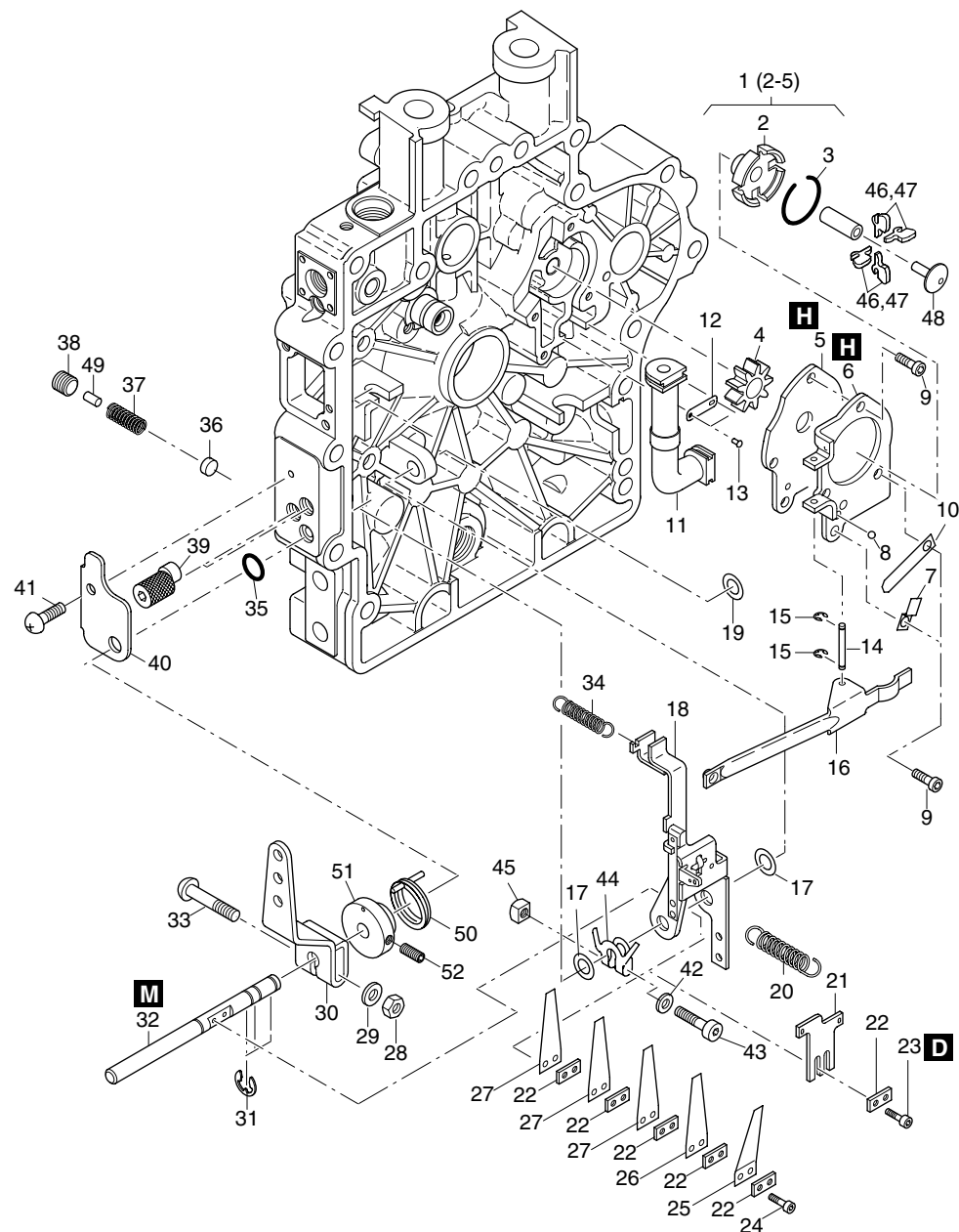


Fig.- No.	HATZ Ident-No.	Stück Qty.			P / W d / D	Bemerkungen Notes
		1B40 EPA II	1B40 NON EPA	1B50 EPA II		
1	01344510	1	1	1		
2	-----	-	-	-		
3	04210910	1	1	1		
4	-----	-	-	-		
5	-----	-	-	-		
6	05078110	1	1	1		
7	05097100	1	1	1		
8	50447900	1	1	1		3,5mm KL. III
9	50429400	4	4	4		M5 x 12 DIN 6912 - 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	2	2	2		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	4	4	4		7 DIN 6799 A3C
32	05079301	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

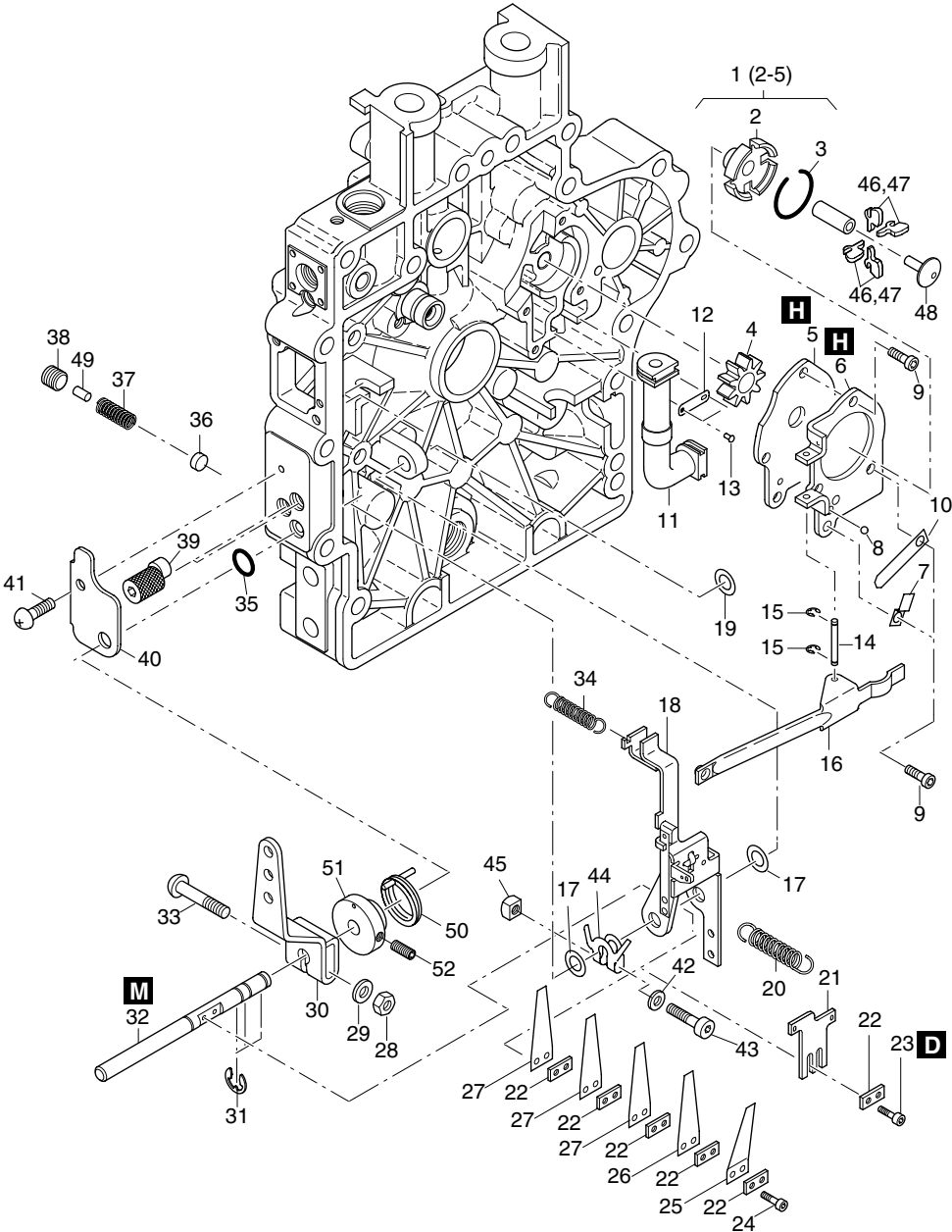


Fig.- No.	HATZ Ident-No.	Stück Qty.			P / W d / D	Bemerkungen Notes
		1B40 EPA II	1B40 NON EPA	1B50 EPA II		
35	40022401	1	1	1	D1	8 x 2 FPM 75 MOLYKOT.
36	05151700	0... 1	0... 1	0... 1		
37	50488700	0... 1	0... 1	0... 1		
38	50475700	1	1	1		
39	05178810	2	2	2	M 10 x 10 DIN 913-A3C Tuf.	
40	05178400	1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

Steuerdeckel
Timing cover
Couvercle distribution
Tapa de mando
Coperchio distribuzione

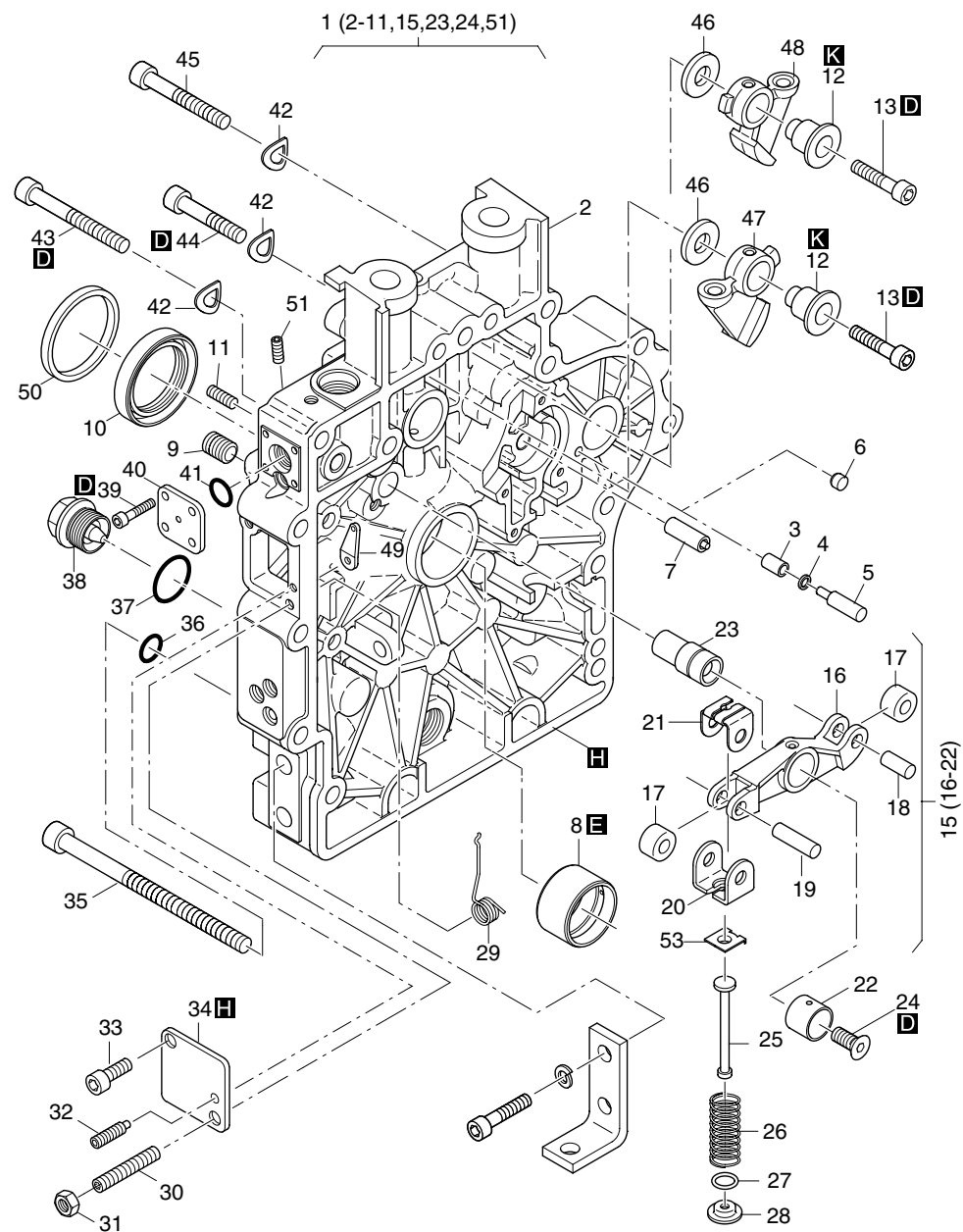


Fig.- No.	HATZ Ident-No.	Stück Qty.			P / W d / D	Bemerkungen Notes
		1B40 EPA II	1B40 NON EPA	1B50 EPA II		
1	01679710	1	1	1		
2	-----	-	-	-		
3	04185800	1	1	1		4 x 7,5 "T"
4	50464100	1	1	1	D1	2 x 1 "T"
5	04185700	1	1	1		4 x 15 "T"
6	04168600	1	1	1		4,3 "U"
7	01344600	1	1	1		
8	04148800	1	1	1		
8	04220800	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

Steuerdeckel
Timing cover
Couvercle distribution
Tapa de mando
Coperchio distribuzione

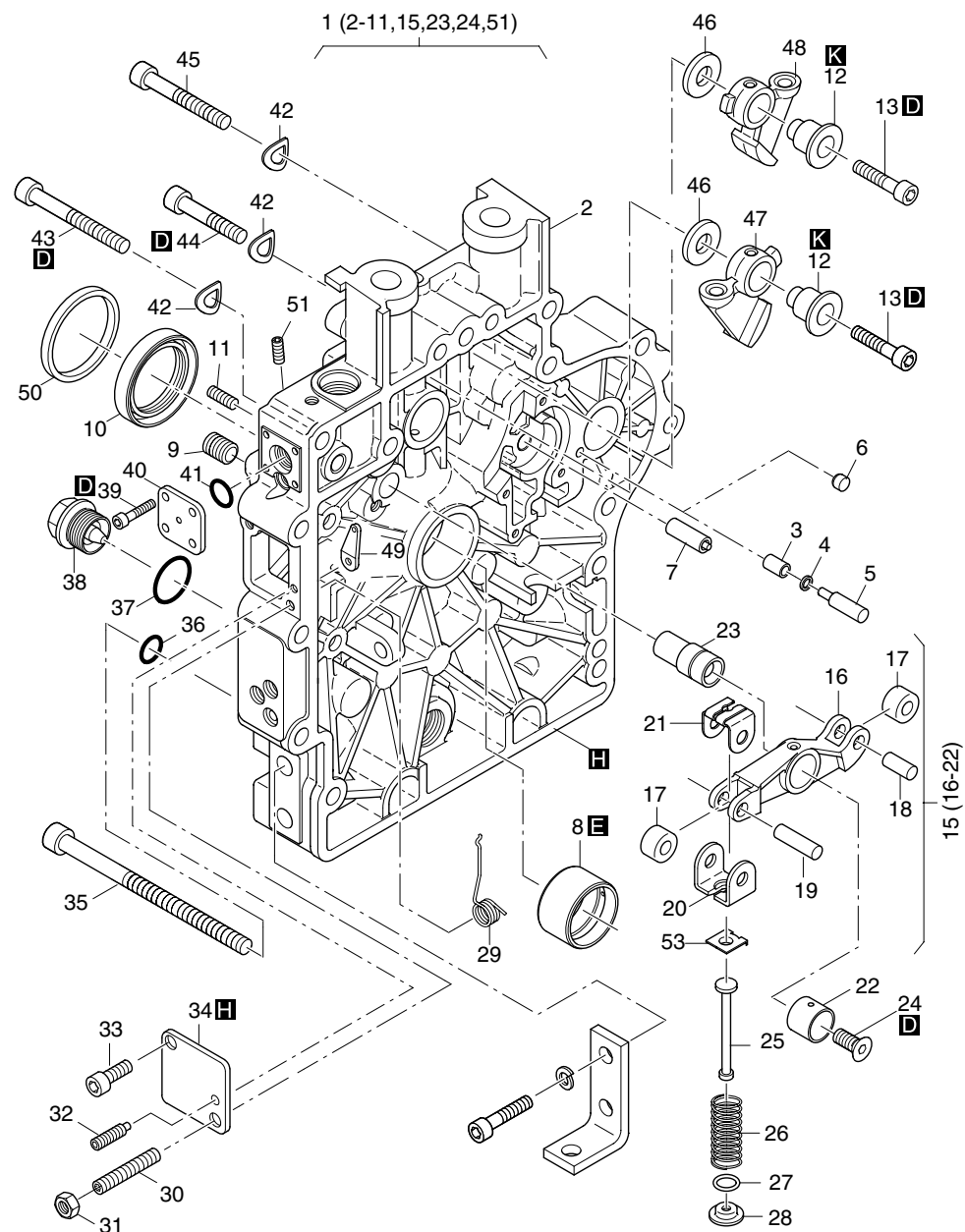


Fig.- No.	HATZ Ident-No.	Stück Qty.			P / W d / D	Bemerkungen Notes
		1B40 EPA II	1B40 NON EPA	1B50 EPA II		
36	50162900	2	2	2	D2	A 8 x 14 DIN 7603 - Cu
37	50001600	1	1	1	D2, W4	A 22 x 27 DIN 7603 Cu
38	50373100	1	1	1	W1	AM22x1,5DIN7604A3C MAGN.
39	50397100	4	4	4		M 4 x 10 DIN 912-8.8 A3C Tuf.
40	01351700	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

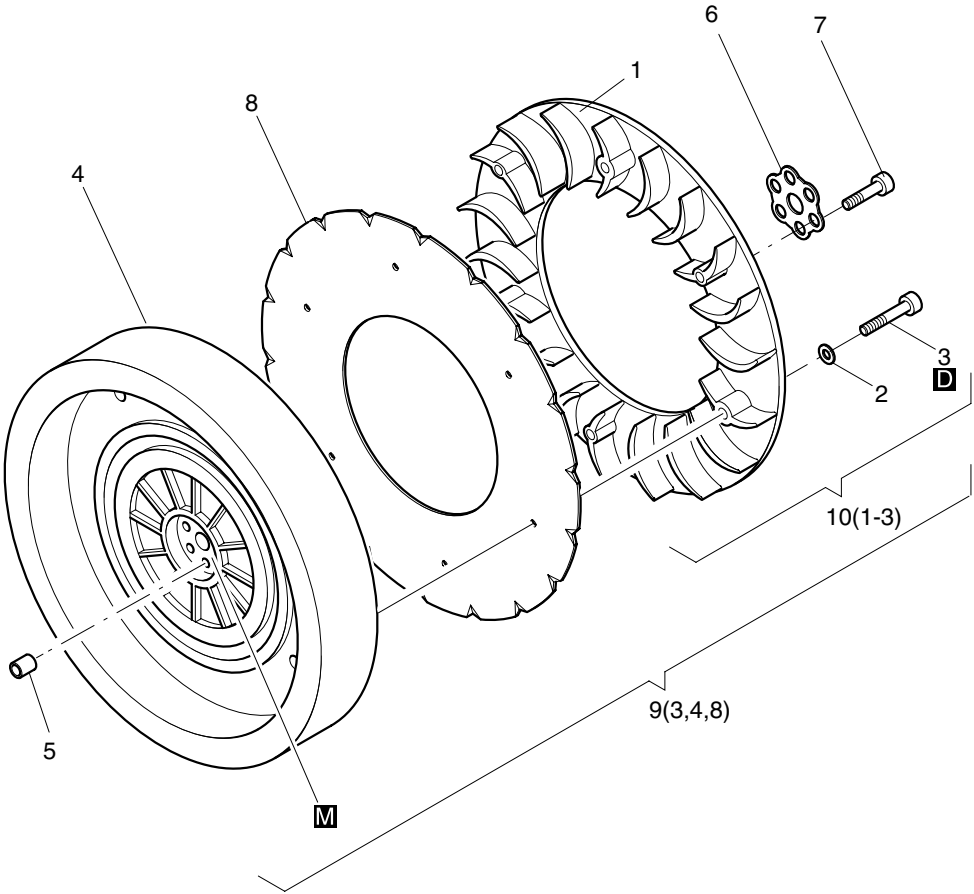


Fig.- No.	HATZ Ident-No.	Stück Qty.			P / W d / D	Bemerkungen Notes
		1B40 EPA II	1B40 NON EPA	1B50 EPA II		
1	-----	-	-	-		
2	50003400	6	6	6		A 4 DIN 137 - ST
3	50327300	6	6	6		M 4 x 20 DIN 912 - 8.8 A3C
4	04234500	-	-	1		
5	50205600	1	1	1		10 x 12 DIN 7346 55 SI 7
6	04155101	1	1	1		
7	50502501	6	6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

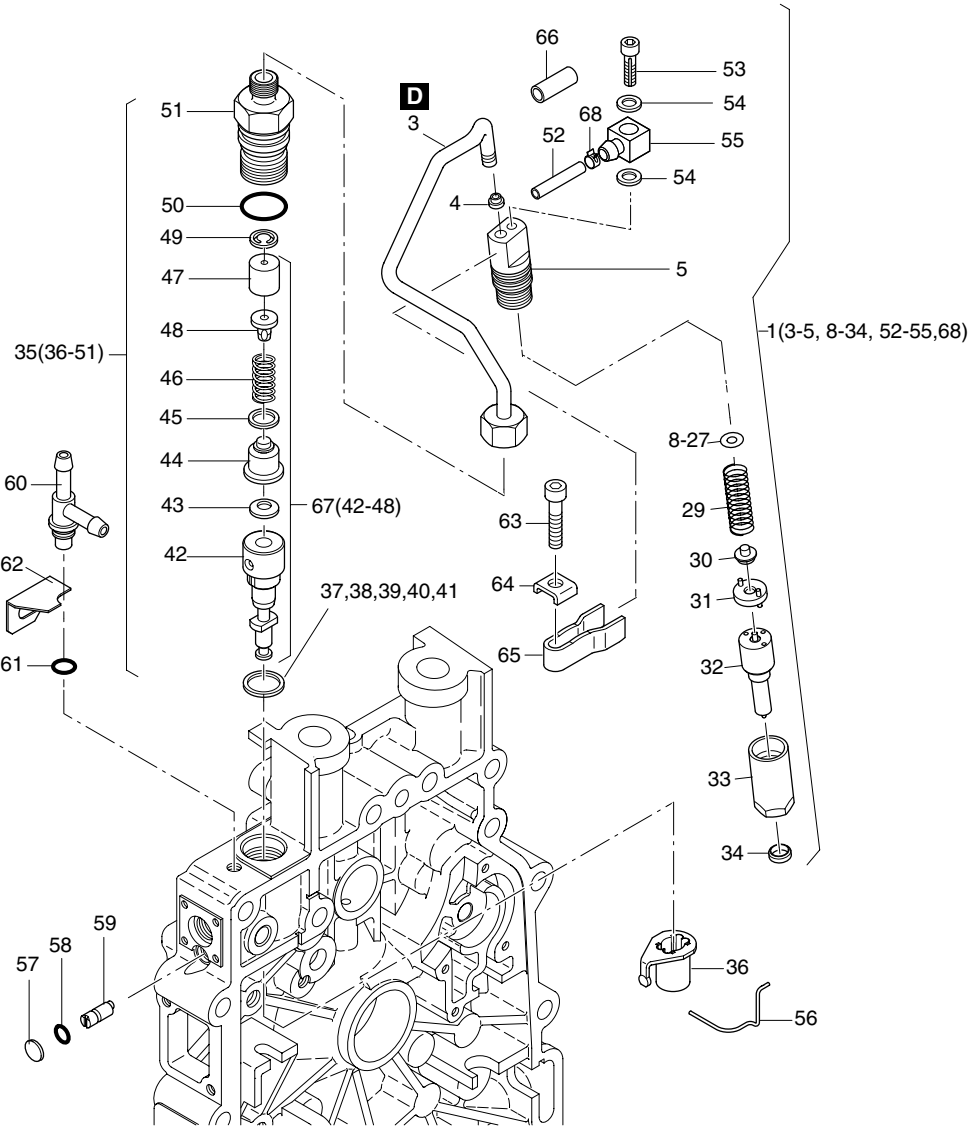


Fig.- No.	HATZ Ident-No.	St�ck Qty.			P / W d / D	Bemerkungen Notes
		1B40 EPA II	1B40 NON EPA	1B50 EPA II		
1	01389701	1	-	-		
1	01398901	-	1	-		
1	01399501	-	-	1		
3	-----	-	-	-		
4	05070601	1	1	1		5,3 mm s. 95125802
5	-----	-	-	-		
8	50436400	0... 1	0... 1	0... 1		1,00 mm
9	50436500	0... 1	0... 1	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	-----	-	-	-		

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

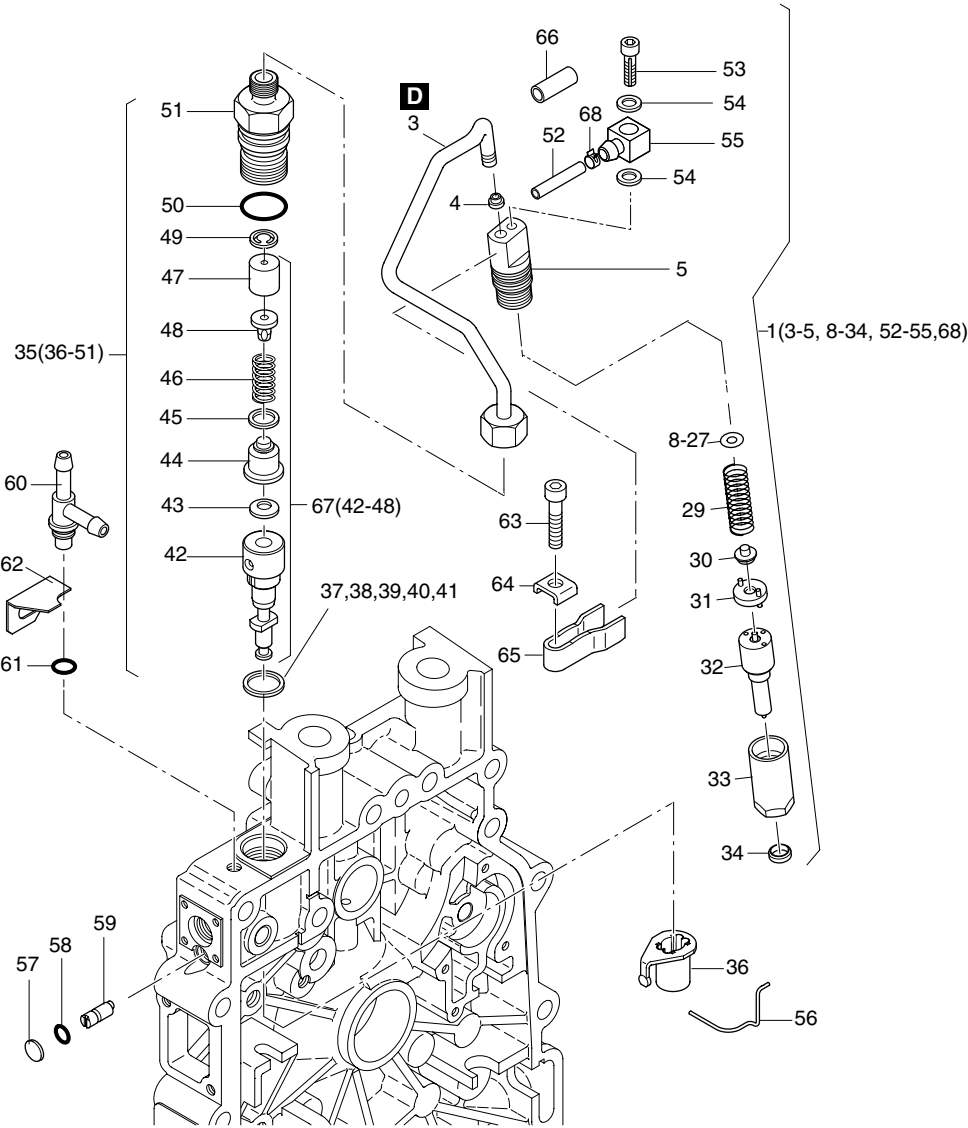


Fig.- No.	HATZ Ident-No.	Stck Qty.			P / W d / D	Bemerkungen Notes
		1B40 EPA II	1B40 NON EPA	1B50 EPA II		
45	50476900	1	1	1		9,5 x 13 x 0,5
46	-----	-	-	-		
47	-----	-	-	-		
48	-----	-	-	-		
49	05180800	1	1	1		
50	50489200	1	1	1		17 x 2
51	05181100	1	1	1		
52	05215001	1	1	1		2,5 x 195
53	05299001	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	-		
67	01940400	-	-	1		
68	50577900	1	1	1		6

Reversierstarter
Recoil starter
Demarreur reversible
Arrancador reversible
Avviamento a strappo

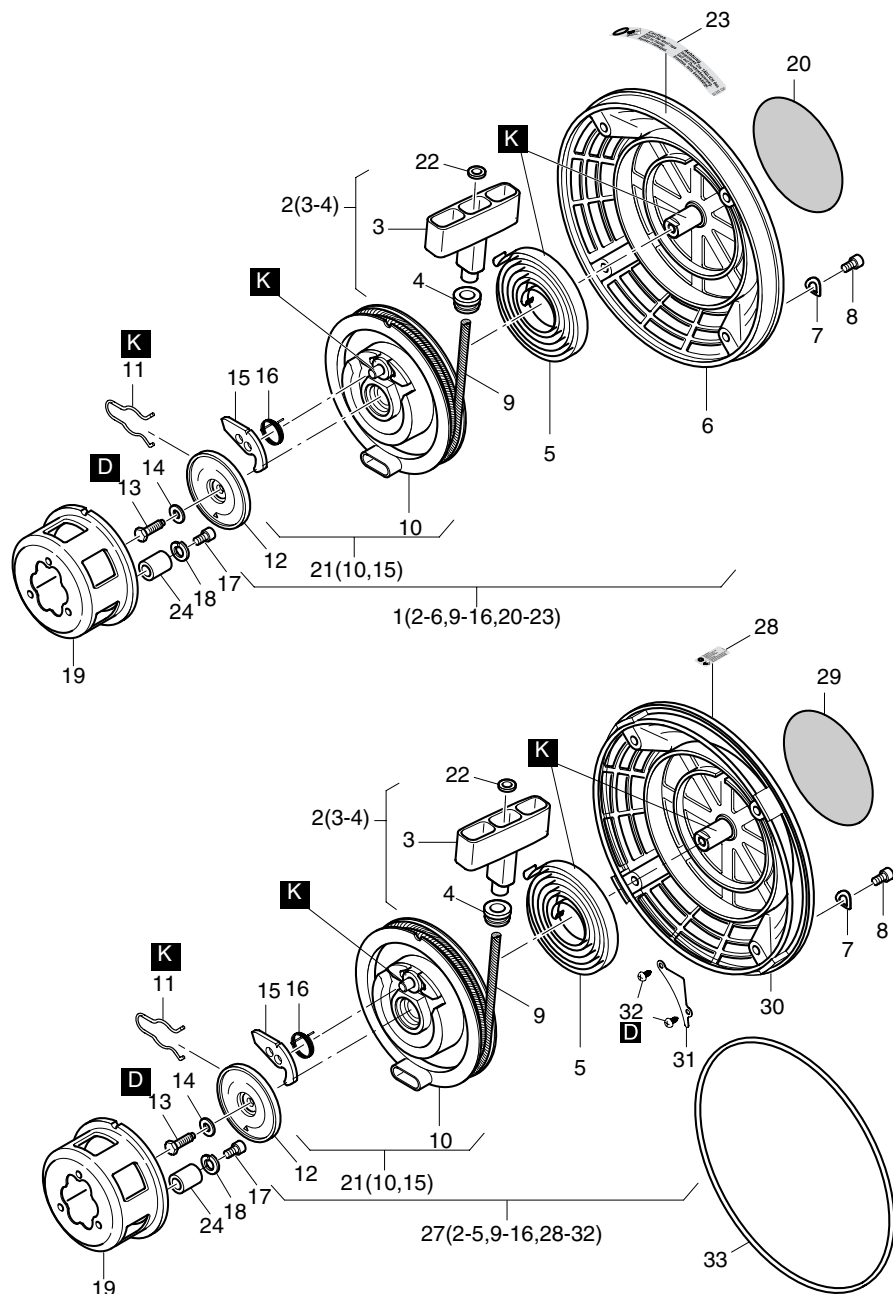


Fig.- No.	HATZ Ident-No.	Stück Qty.			P / W d / D	Bemerkungen Notes
		1B40 EPA II	1B40 NON EPA	1B50 EPA II		
1	01865200	1	1	1		
2	01497800	1	1	1		
3	-----	-	-	-		
4	03665200	1	1	1		
5	05045202	1	1	1		
6	01569300	1	1	1		
7	50081200	4	4	4		A 6 DIN 137 - A3C
8	50062700	4	4	-		M 6 x 10 DIN 912 - 8.8 A3C
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

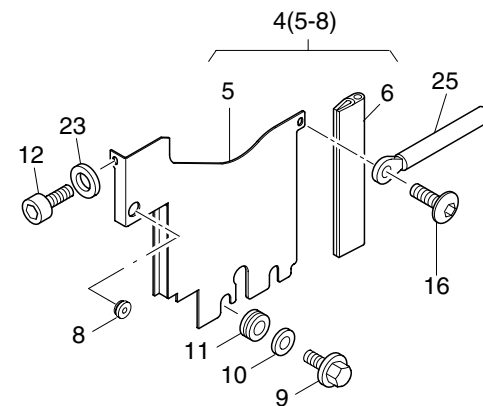
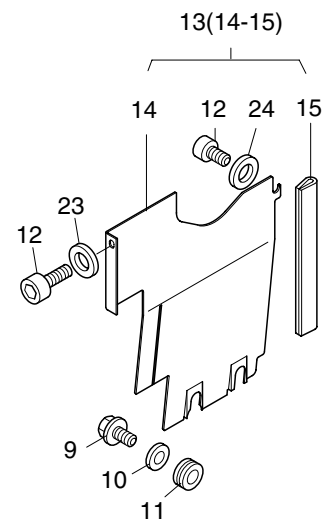
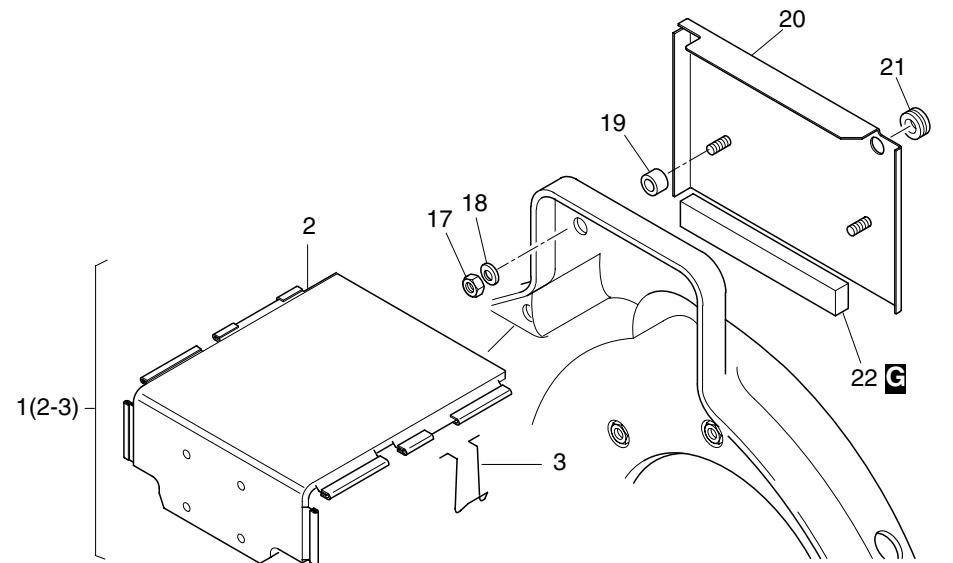


Fig.- No.	HATZ Ident-No.	Stück Qty.			P / W d / D	Bemerkungen Notes
		1B40 EPA II	1B40 NON EPA	1B50 EPA II		
1	01610400	1	1	1		
2	-----	-	-	-		
3	05152100	1	1	1		
4	01345400	1	1	1		
5	-----	-	-	-		
6	04144200	1	1	1		93 mm
8	50334800	1	1	1		
9	50445401	4	4	4		M 4 x 10 ST A3C
10	50441600	4	4	4		4,3 DIN 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

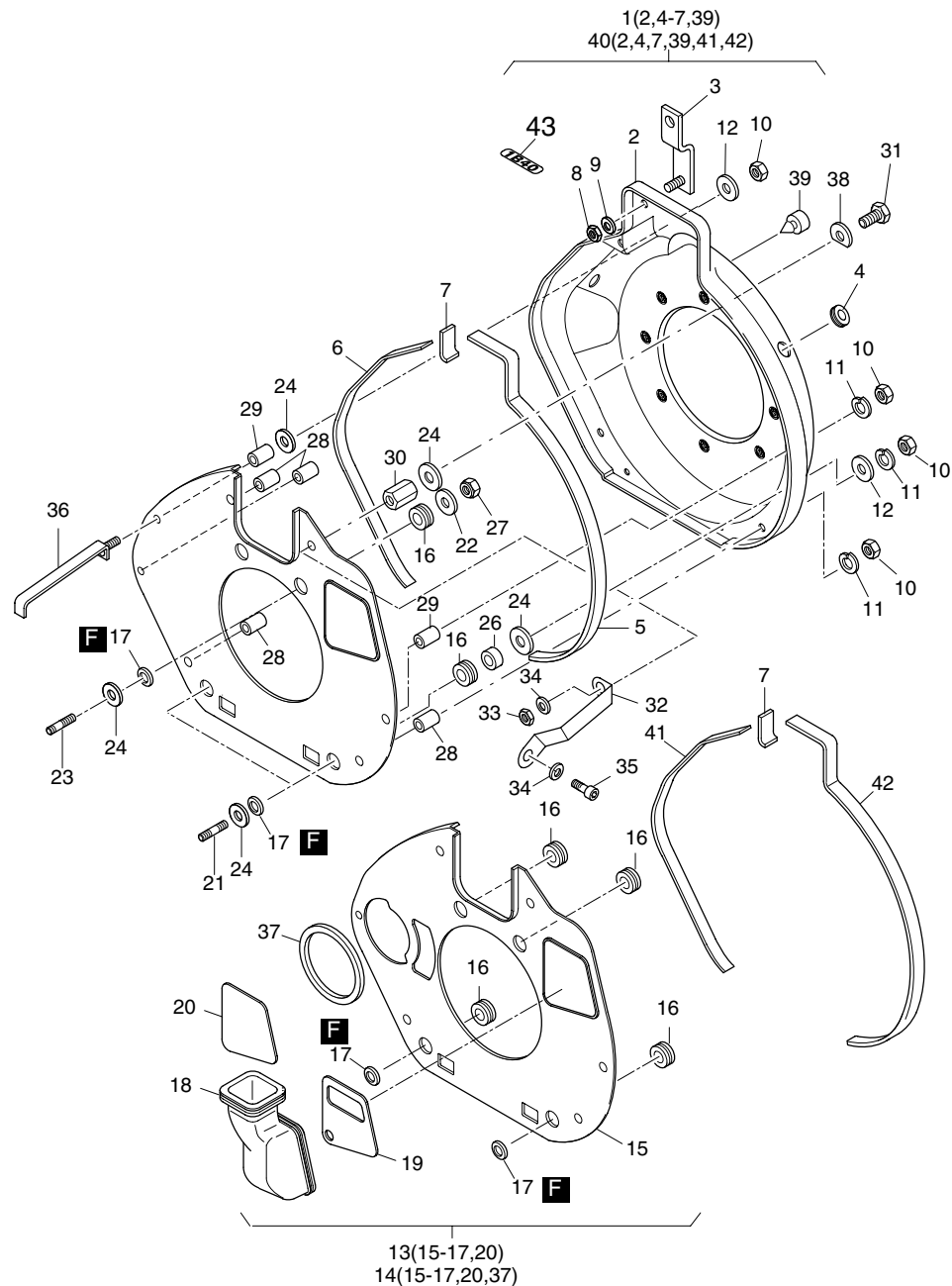


Fig.- No.	HATZ Ident-No.	Stück Qty.			P / W d / D	Bemerkungen Notes
		1B40 EPA II	1B40 NON EPA	1B50 EPA II		
1	01831300	1	1	-		
2	-----	-	-	-		
3	01331300	2	2	2		
4	50453300	1	1	1		
5	05189400	1	1	-		655 mm
6	05189300	1	1	1		520 mm
7	05227000	1	1	1		54 mm
8	50144400	2	2	2		M 6 DIN 934 - 8 A3C
9	50170900	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

Kurbelgehäuseentlüftung
Crankcase breathing system
Reniflard
Purgador
Sfiato basamento

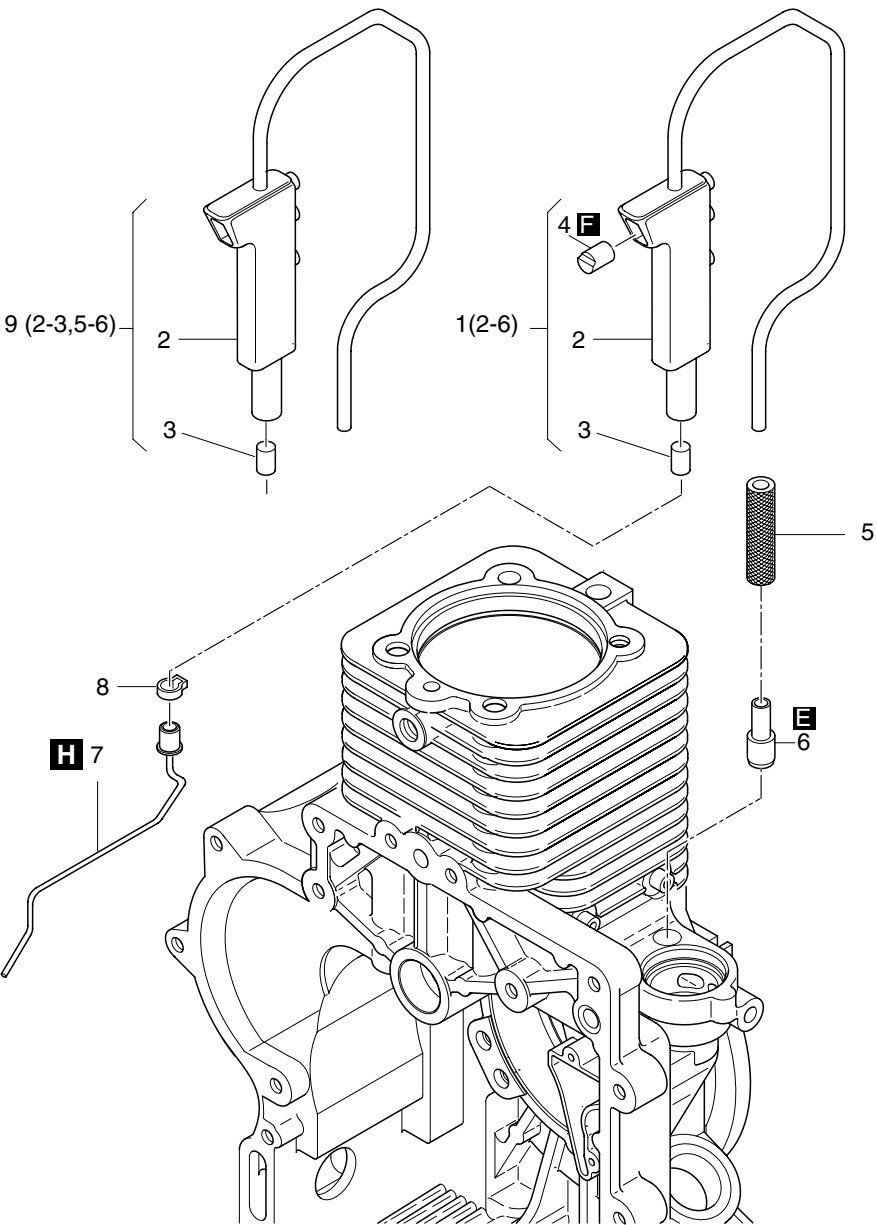


Fig.- No.	HATZ Ident-No.	Stück Qty.			P / W d / D	Bemerkungen Notes
		1B40 EPA II	1B40 NON EPA	1B50 EPA II		
1	01885800	1	-	1		
2	-----	-	-	-		
3	05102900	1	1	1		Filter, Filtre, Filtro
4	05098100	1	-	1		
5	05197200	1	1	1		7 x 35
6	05196000	1	1	1		
7	01626900	1	1	1		
8	50456800	1	1	1		
9	01654700	-	1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

Z01a

Kraftstoff
Fuel
Carburant
Combustible
Serbatoio

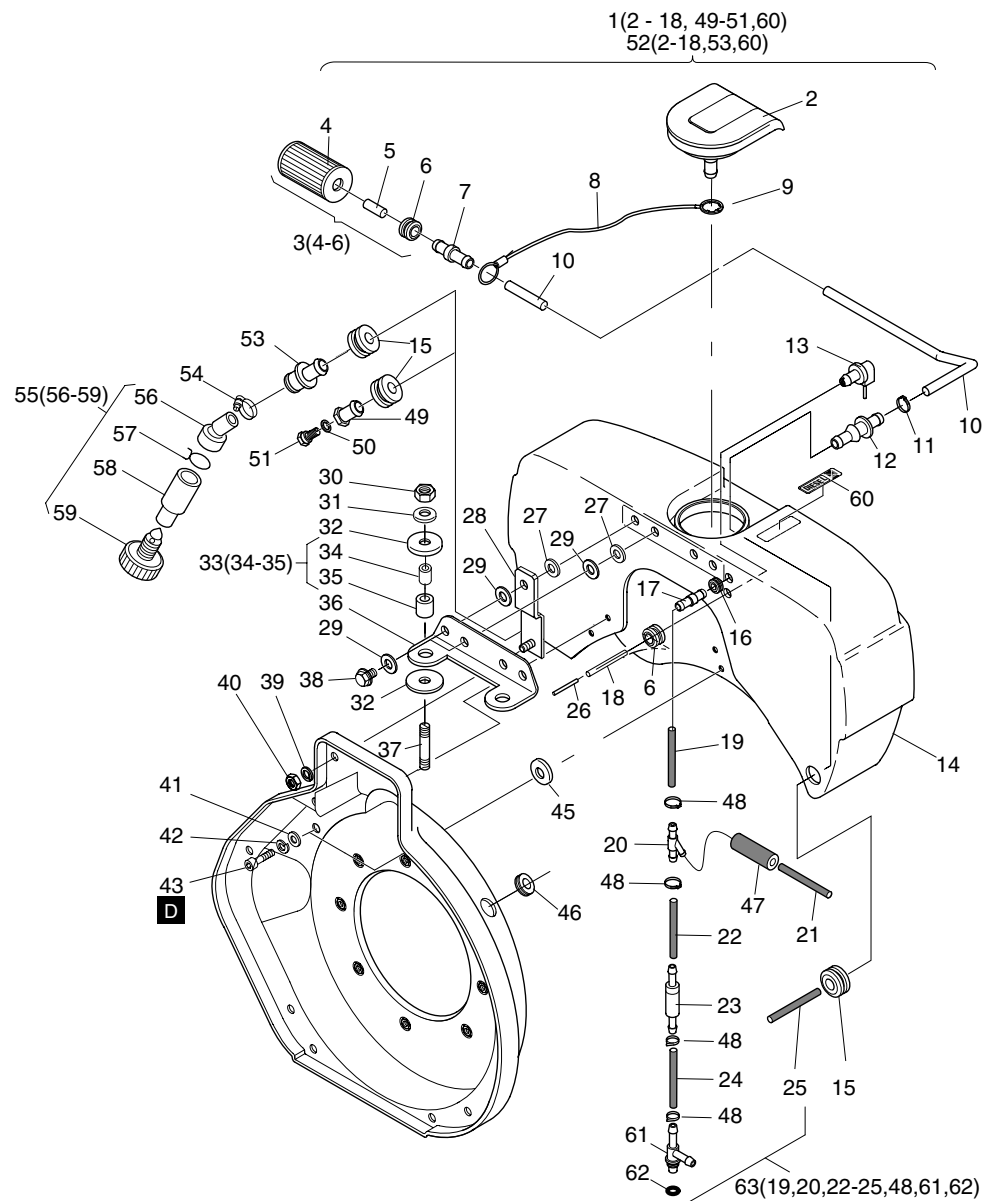


Fig.- No.	HATZ Ident-No.	Stück Qty.			P / W d / D	Bemerkungen Notes
		1B40 EPA II	1B40 NON EPA	1B50 EPA II		
1	01669010	1	1	1		
2	01535302	1	1	1		kpl. cpl.
3	01635210	1	1	1		W2
4	-----	-	-	-		
5	-----	-	-	-		
6	50440901	2	2	2		
7	05189001	1	1	1		
8	01628900	1	1	1		~440mm
9	50500800	1	1	1		8 DIN 6799
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

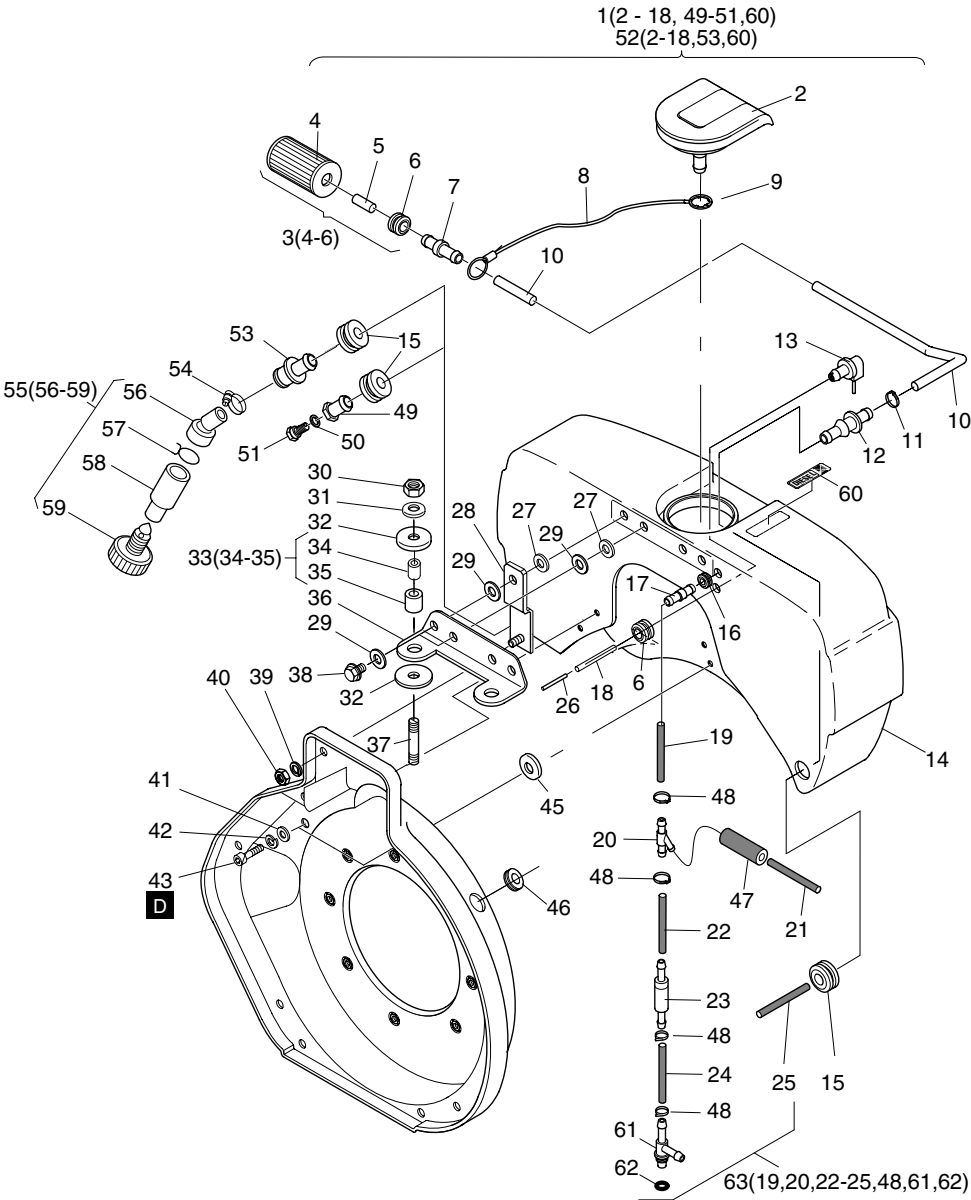


Fig.- No.	HATZ Ident-No.	Stück Qty.			P / W d / D	Bemerkungen Notes
		1B40 EPA II	1B40 NON EPA	1B50 EPA II		
37	50231900	2	2	2		M 8 x 25 DIN 835-8.8 A3C
38	01557000	4	4	4		M 6 x 18
39	50170900	2	2	2		6 DIN 128 - A3C
40	50144400	2	2	2		M 6 DIN 934 - 8 A3C
41	50120000	4	4	4		A 6,4 DIN 9021-St A3C
42	50170900	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

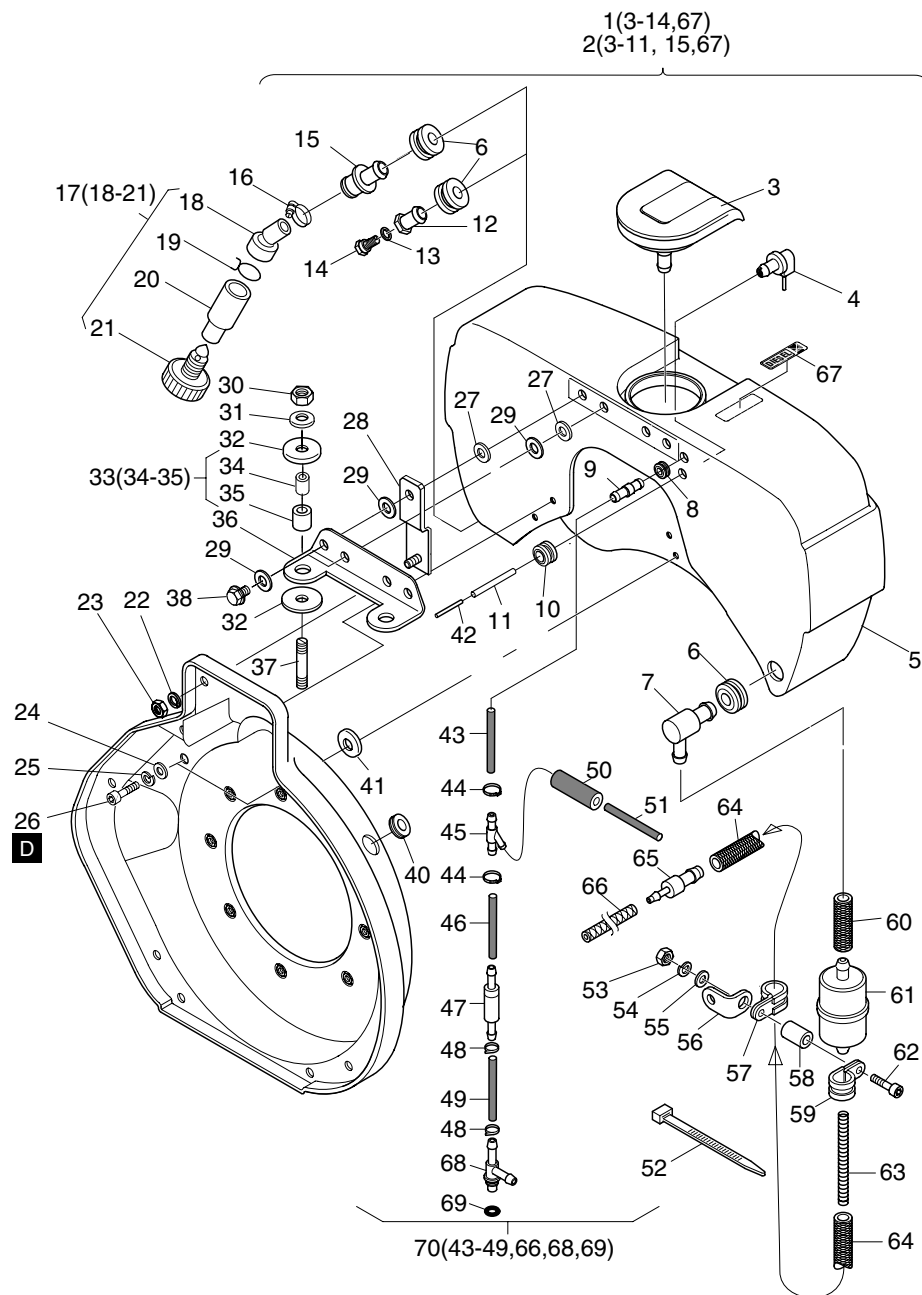


Fig.- No.	HATZ Ident-No.	Stück Qty.			P / W d / D	Bemerkungen Notes
		1B40 EPA II	1B40 NON EPA	1B50 EPA II		
1	01812300	1	1	1		
2	01812100	1	1	1		
3	01535302	1	1	1		kpl. cpl.
4	01534900	1	1	1		
5	-----	-	-	-		
6	50440800	2	2	2		
7	01794810	1	1	1		
8	05130400	1	1	1		
9	05184400	1	1	1		
10	50440901	1	1	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

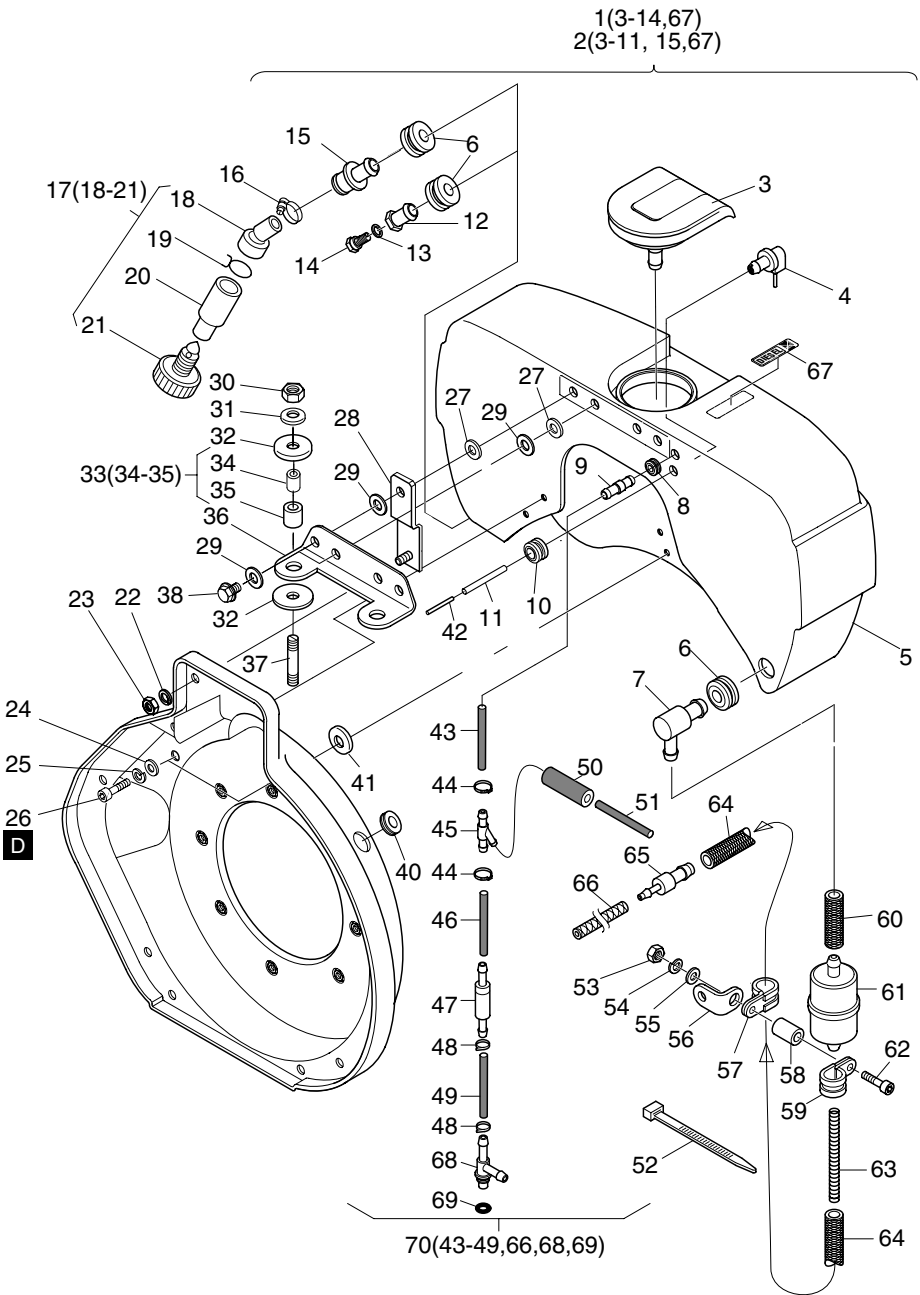


Fig.- No.	HATZ Ident-No.	Stück Qty.			P / W d / D	Bemerkungen Notes
		1B40 EPA II	1B40 NON EPA	1B50 EPA II		
47	01534601	1	1	1		
48	50570900	2	2	2		12,8
49	05214800	1	1	1		4,5 x 40
50	05213010	1	1	1		7 x 25
51	05215000	1	1	1		2,5 x 195
52	50358400	1	1	1		200 x 4,8 mm
53	50144400	1	1	1		M 6 DIN 934 - 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

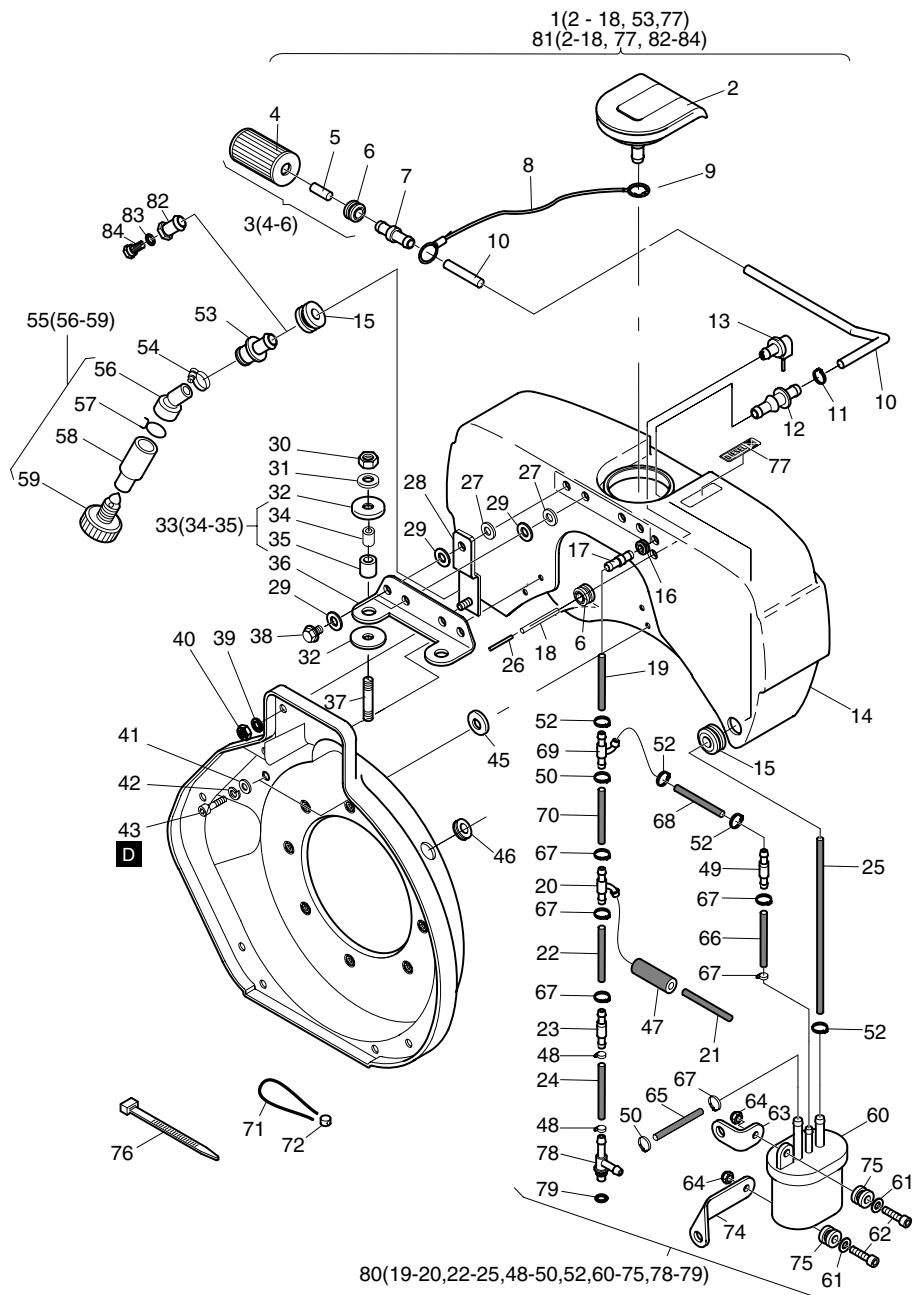


Fig.- No.	HATZ Ident-No.	Stück Qty.			P / W d / D	Bemerkungen Notes
		1B40 EPA II	1B40 NON EPA	1B50 EPA II		
1	01723901	1	1	1		
2	01535302	1	1	1		kpl. cpl.
3	01635210	1	1	1		W2
4	-----	-	-	-		
5	-----	-	-	-		
6	50440901	2	2	2		
7	05189001	1	1	1		
8	01628900	1	1	1		~440mm
9	50500800	1	1	1		8 DIN 6799
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	05289300	1	1	1		5 x 50 mm
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	05347600	1	1	1		3,5 x 215
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		
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	50144000	2	2	2		M 6 DIN 933 - 8.8 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		

Z01c

Kraftstoff
Fuel
Carburant
Combustible
Serbatoio

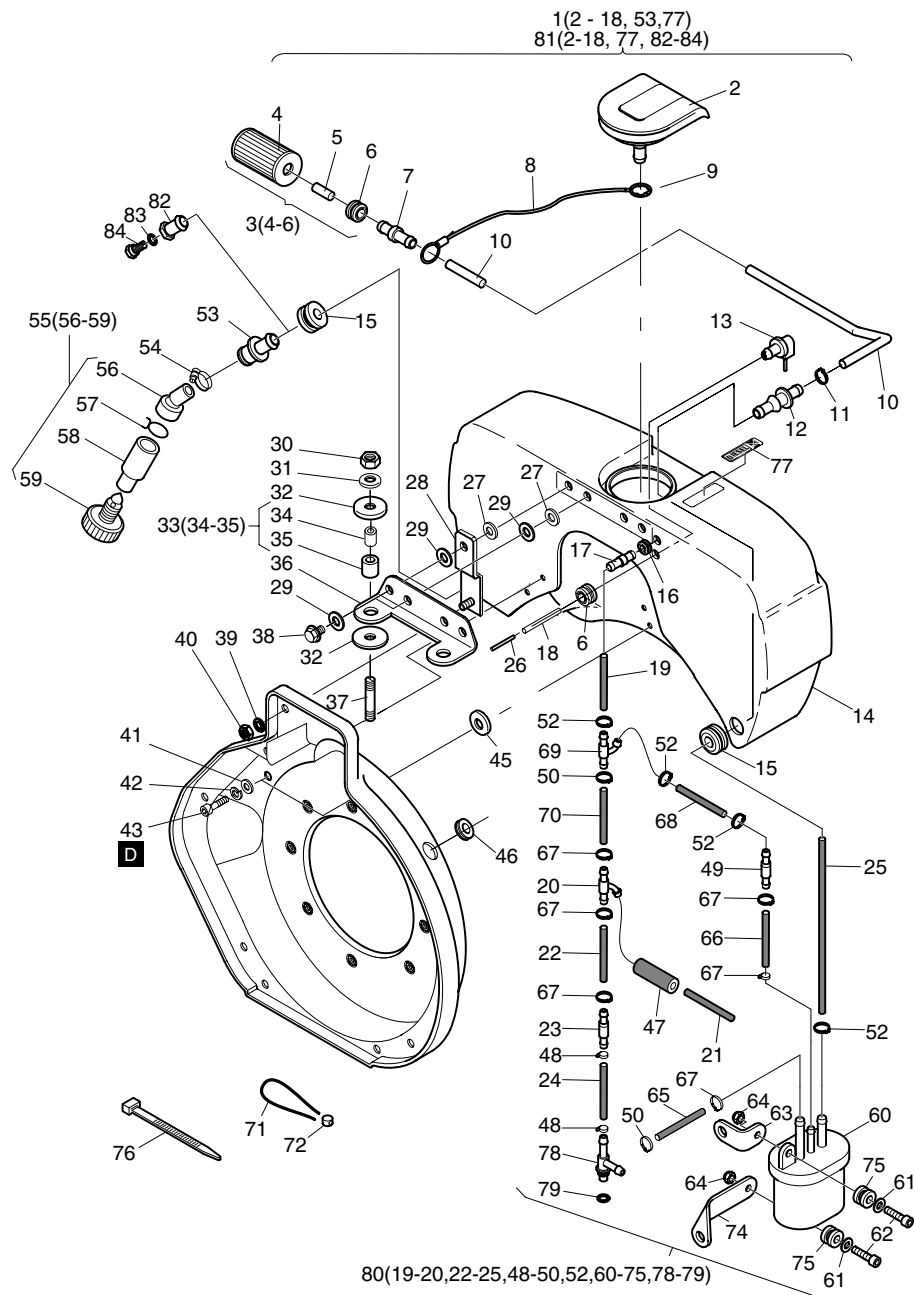


Fig.- No.	HATZ Ident-No.	Stück Qty.			P / W d / D	Bemerkungen Notes
		1B40 EPA II	1B40 NON EPA	1B50 EPA II		
47	05213010	1	1	1		7 x 25
48	50441100	2	2	2		11,8-505R
49	00805502	1	1	1		
50	50590000	2	2	2		12,0
52	50399801	4	4	4		11,3
53	05172300	1	1	1		
54	50448000	1	1	1		
55	01519402	1	1	1		
56	05044001	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

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

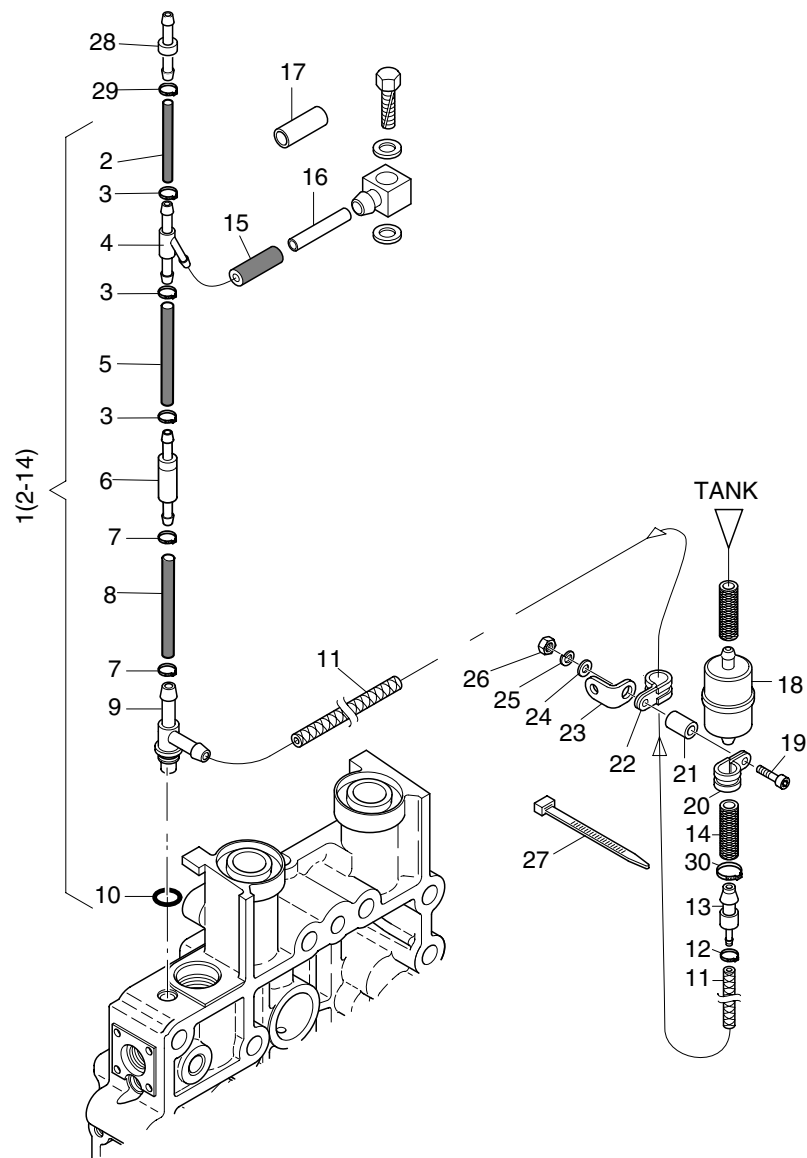


Fig.- No.	HATZ Ident-No.	Stück Qty.			P / W d / D	Bemerkungen Notes
		1B40 EPA II	1B40 NON EPA	1B50 EPA II		
1	01695310	1	1	1		
2	05188810	1	1	1		5 x 120
3	50570900	3	3	3		12,8
4	05175601	1	1	1		
5	03664210	1	1	1		5 x 130
6	01534601	1	1	1		
7	50441100	2	2	2		11,8-505R
8	05214800	1	1	1		4,5 x 40
9	01756800	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

Kraftstoff
Fuel
Carburant
Combustible
Serbatoio

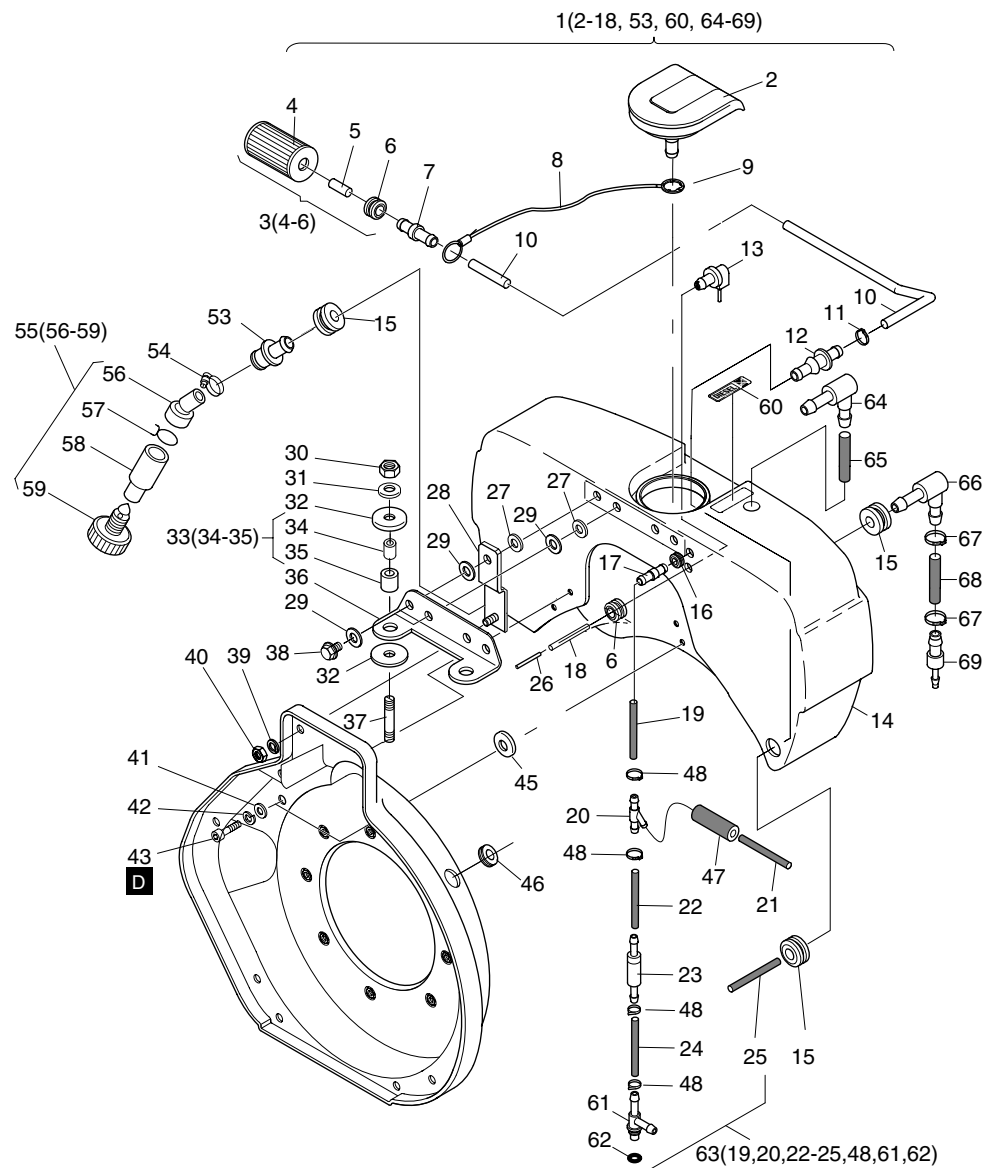


Fig.- No.	HATZ Ident-No.	Stück Qty.			P / W d / D	Bemerkungen Notes
		1B40 EPA II	1B40 NON EPA	1B50 EPA II		
1	01786501	1	1	1		
2	01535302	1	1	1		kpl. cpl.
3	01635210	1	1	1	W2	
4	-----	-	-	-		
5	-----	-	-	-		
6	50440901	2	2	2		
7	05189001	1	1	1		
8	01628900	1	1	1		~440mm
9	50500800	1	1	1		8 DIN 6799
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		

Kraftstoff
Fuel
Carburant
Combustible
Serbatoio

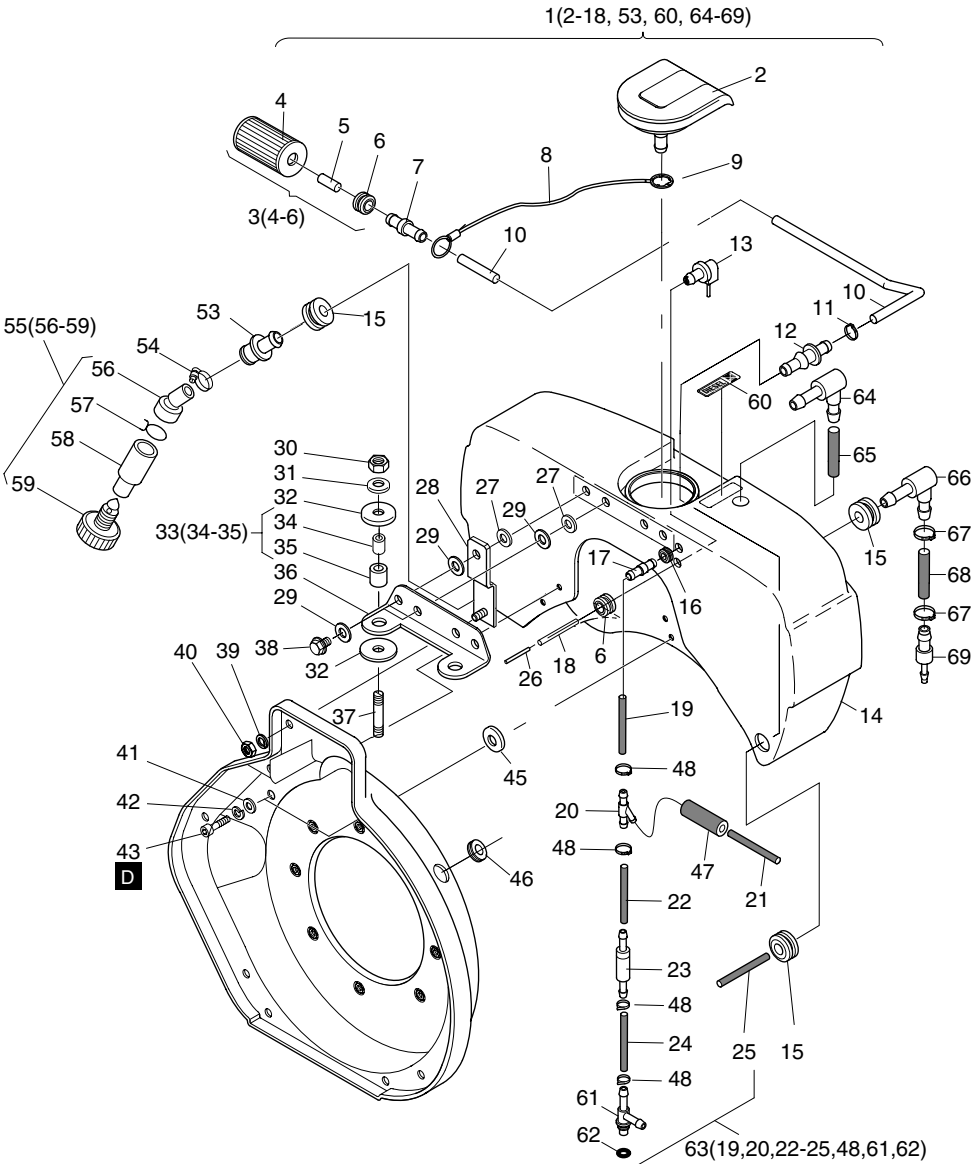


Fig.- No.	HATZ Ident-No.	Stück Qty.			P / W d / D	Bemerkungen Notes
		1B40 EPA II	1B40 NON EPA	1B50 EPA II		
37	50231900	2	2	2		M 8 x 25 DIN 835-8.8 A3C
38	01557000	4	4	4		M 6 x 18
39	50170900	2	2	2		6 DIN 128 - A3C
40	50144400	2	2	2		M 6 DIN 934 - 8 A3C
41	50120000	4	4	4		A 6,4 DIN 9021-St A3C
42	50170900	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	7,5 x 1,5
63	01662110	1	1	1		
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		

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

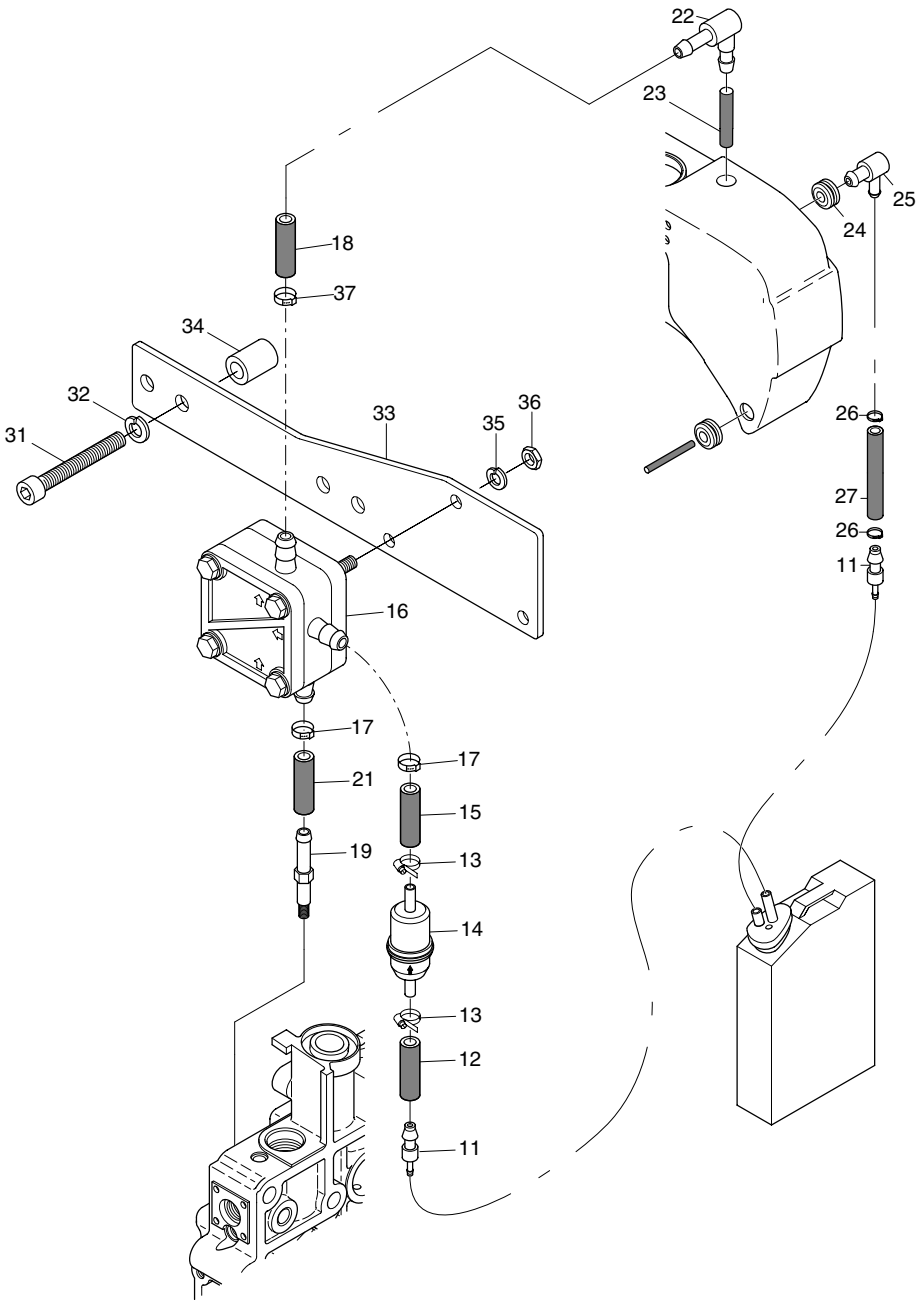


Fig.- No.	HATZ Ident-No.	Stück Qty.			P / W d / D	Bemerkungen Notes
		1B40 EPA II	1B40 NON EPA	1B50 EPA II		
11	05240400	2	2	2		
12	03493110	1	1	1		7 x 60
13	40026100	2	2	2		10-16
14	50317000	1	1	1		Vorfilter, prefilter
15	05090010	1	1	1		7 x 120
16	50533900	1	1	1		
17	50523800	2	2	2		16,0
18	05347300	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

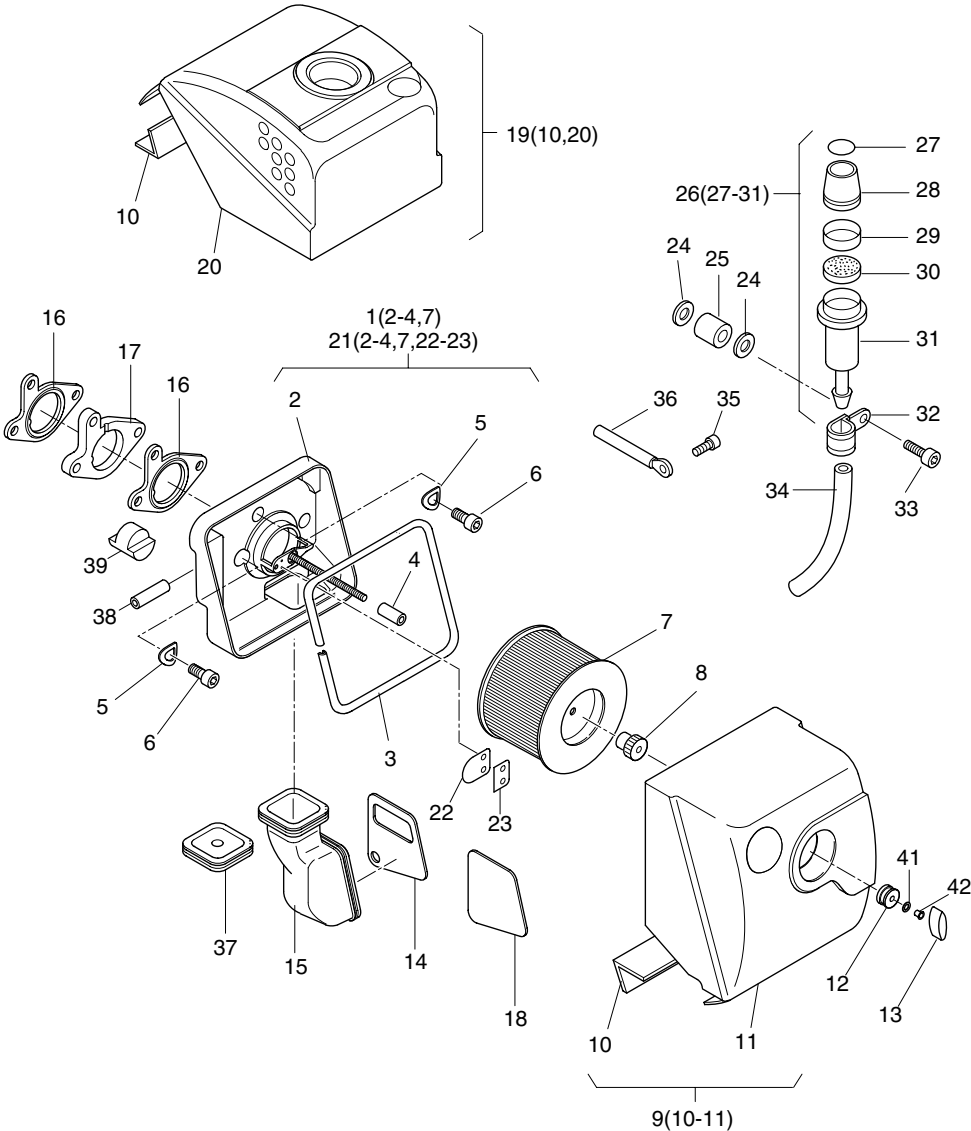


Fig.- No.	HATZ Ident-No.	Stück Qty.			P / W d / D	Bemerkungen Notes
		1B40 EPA II	1B40 NON EPA	1B50 EPA II		
1	01637410	1	-	1		
1	01637400	-	1	-		
2	-----	-	-	-		
3	05167700	1	1	1		665 mm
4	05166200	1	1	1		32 mm
5	50095100	3	3	3		A 8 DIN 137 A3C
6	50171500	3	3	3		M 8 x 25 DIN 912-8.8 A3C
7	50484100	1	1	1	W2	M 6
8	50454300	1	1	1		
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

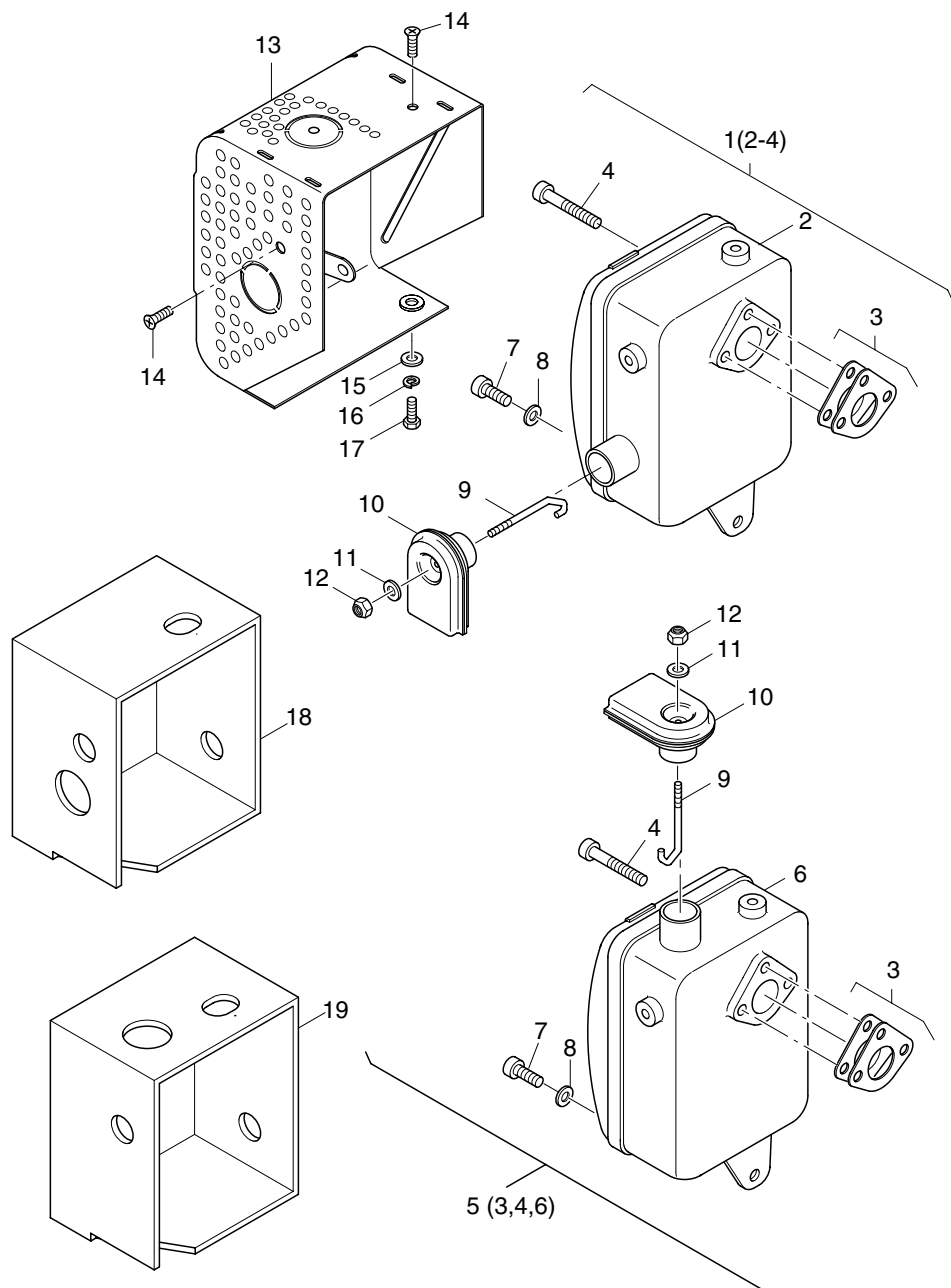


Fig.- No.	HATZ Ident-No.	Stück Qty.			P / W d / D	Bemerkungen Notes
		1B40 EPA II	1B40 NON EPA	1B50 EPA II		
1	01682501	1	1	1		
2	-----	-	-	-		
3	01732701	1	1	1	d1	
4	50403900	3	3	3		M 8 x 25 DIN 912-8.8 C4P
5	01701601	1	1	1		
6	-----	-	-	-		
7	50474200	1	1	1		M6x16 DIN912-8.8 A3C Tuf.360
8	50114300	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

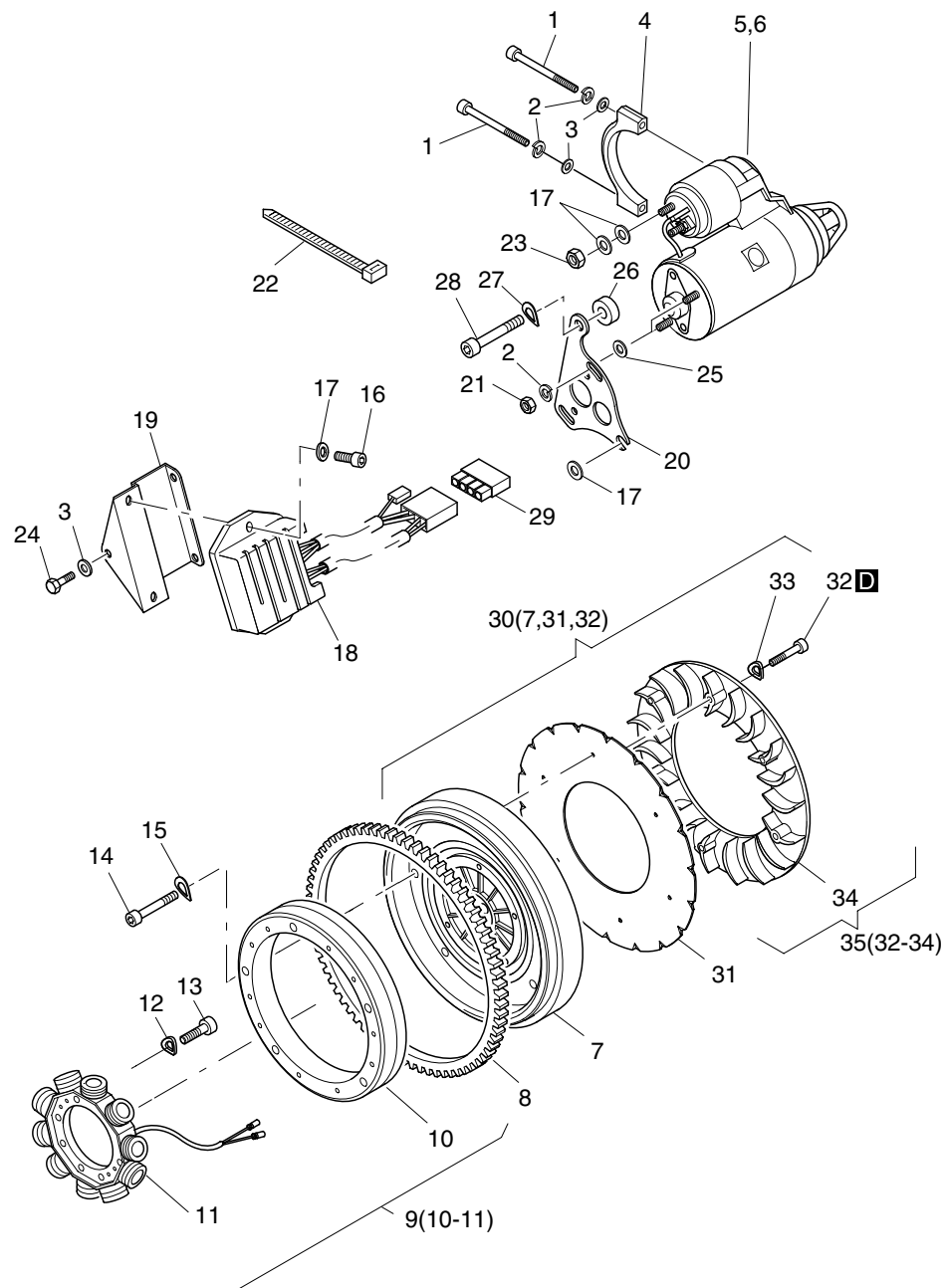


Fig.- No.	HATZ Ident.-No.	Stück Qty.			P / W d / D	Bemerkungen Notes
		1B40 EPA II	1B40 NON EPA	1B50 EPA II		
1	50402300	2	2	2		M 6 x 70 DIN 912 - 8.8 A3C
2	50170900	4	4	4		6 DIN 128 - A3C
3	50144500	3	3	3		6,4 DIN 125-St A3C
4	04099100	1	1	1		
5	50483500	1	1	1		12V 1,0 kW
6	50512700	1	1	1		24V 1,6 kW
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	01871001	1	1	1		12 V
18	01871101	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
Cuadro de mando, cables
Cruscotto, cablaggio

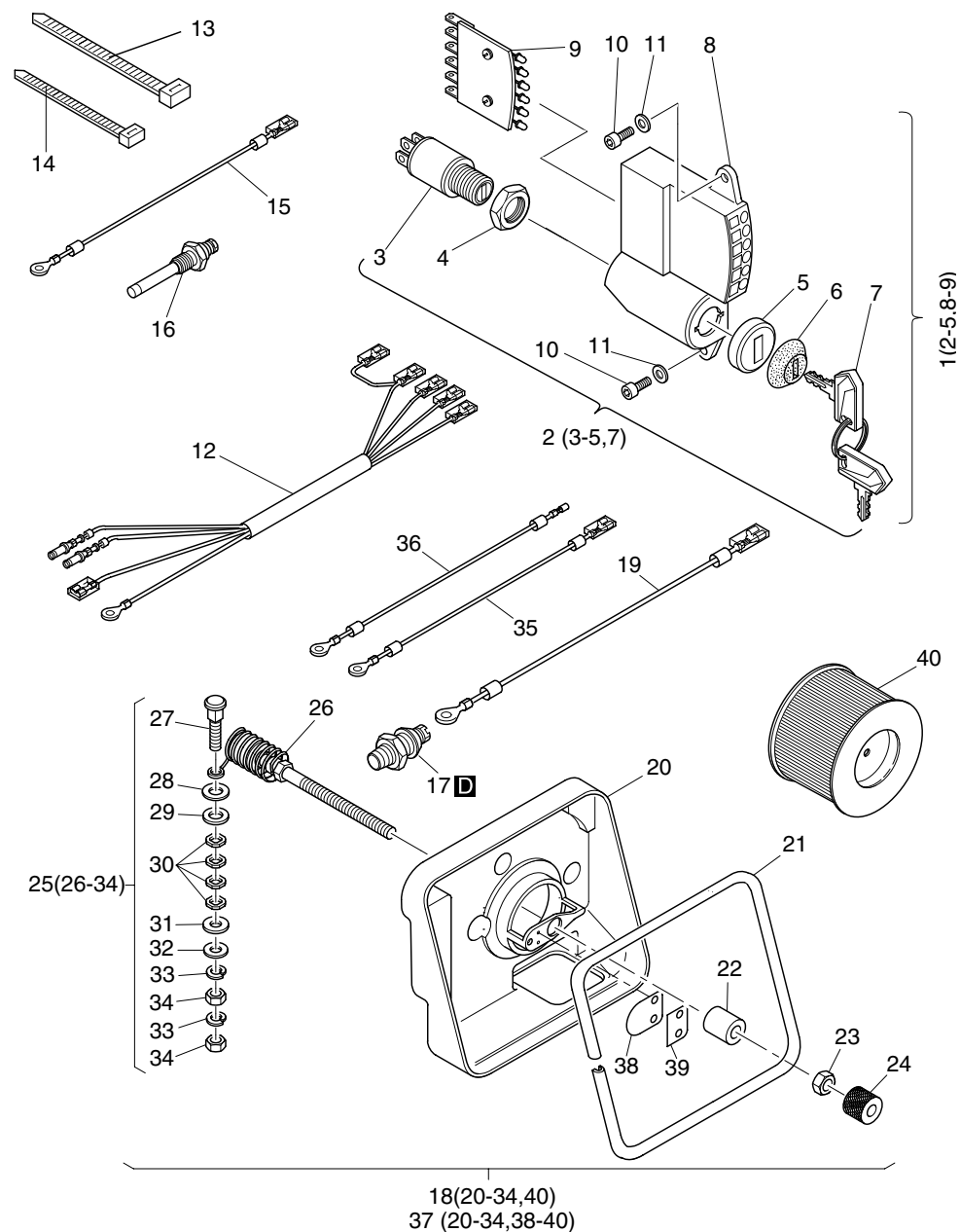


Fig.- No.	HATZ Ident-No.	Stück Qty.	P / W d / D	Bemerkungen Notes
		1B40 EPA II	1B40 NON EPA	1B50 EPA II
1	01560802	1	1	1
2	50384401	1	1	1
3	-----	-	-	-
4	-----	-	-	-
5	-----	-	-	-
6	05126402	1	1	1
7	50404900	1	1	1
8	-----	-	-	-
9	-----	-	-	-
10	50149100	2	2	2
11	50144500	2	2	2
12	01785900	1	1	1
13	50167400	1	1	1
14	50439500	4	4	4
15	01546800	1	1	1
16	50268600	1	1	1
17	50469100	1	1	1
18	01715110	1	-	1
18	01745310	1	-	1
18	01715101	-	1	-
18	01745300	-	1	-
19	01546500	1	1	1
20	-----	-	-	-
21	05167700	1	1	1
22	04119200	1	1	1
23	50144400	1	1	1
24	05149600	1	1	1
25	01747400	1	1	1
25	01756900	1	1	1
26	-----	-	-	-
27	05040100	1	1	1
28	50144500	1	1	1
29	50412801	1	1	1
30	50412600	4	4	4
31	50412700	1	1	1
32	50216300	1	1	1
33	50002600	2	2	2
34	50094300	2	2	2
35	01715200	0... 1	0... 1	0... 1
36	01715300	0... 1	0... 1	0... 1
37	01756310	1	-	1
37	01756410	1	-	1
37	01756300	-	1	-
37	01756400	-	1	-
38	05147100	1	1	1
39	05147200	1	1	1
40	50484100	1	1	1

Nr. 14644

M 6 x 12 DIN 912-8.8 A3C
6,4 DIN 125-St A3C

4 / 360
2,6 x 200
(0) Masse
TEMP. 12-24V
0,3 - 0,6 OIL
12V
24V
12V
24V
(4)

665 mm
6,5 x 13 x 15
M 6 DIN 934 - 8 A3C
12 mm
12V
24V

6,4 DIN 125-St A3C
6,5

5,3 DIN 125-St A3C
5 DIN 128 - A3C
M 5 DIN 934-8 A3C
(6) 400 mm
(6) 430 mm

12V
24V
12V
24V
(schwarz, black, noir)
(rot, red, rouge)

Z09a

Drehzahlverstellung
Speed control
Reglage régime
Ajuste de revoluciones
Comando acceleratore

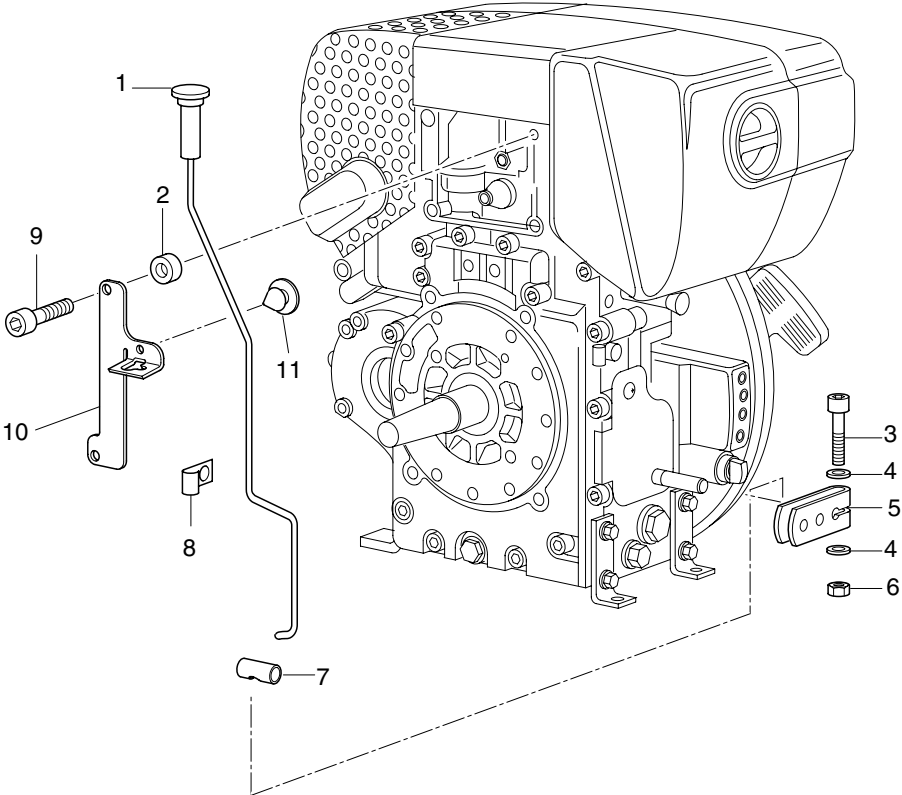
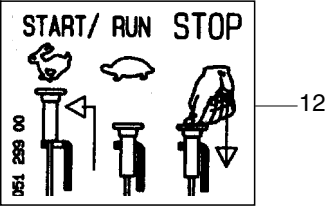


Fig.- No.	HATZ Ident-No.	Stück Qty.			P / W d / D	Bemerkungen Notes
		1B40 EPA II	1B40 NON EPA	1B50 EPA II		
1	01671400	1	1	1		
2	03354600	2	2	2		7 x 12 x 8
3	50511900	1	1	1		M 5 x 30 DIN 912 - 8.8 A3C
4	50216300	2	2	2		5,3 DIN 125-St A3C
5	05117700	1	1	1		
6	50094300	1	1	1		M 5 DIN 934-8 A3C
7	05118500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

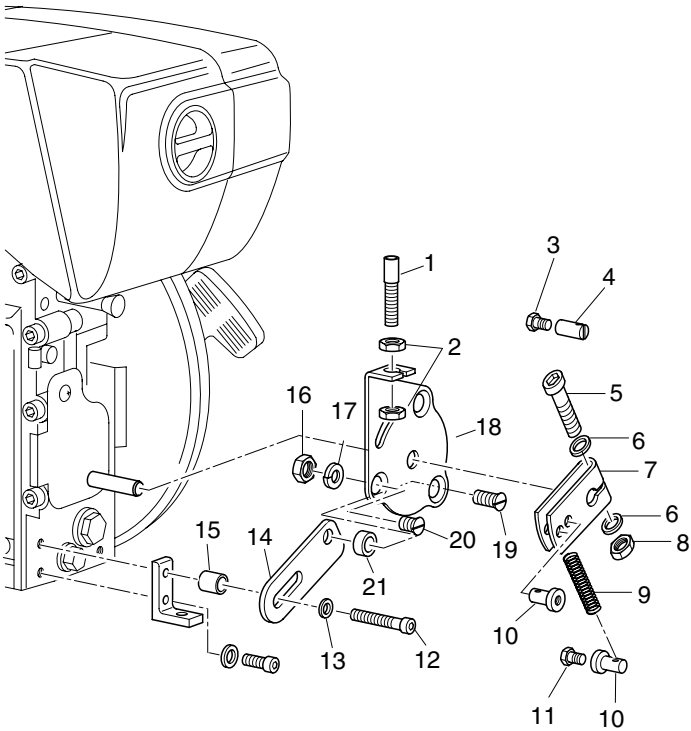


Fig.- No.	HATZ Ident-No.	Stück Qty.			P / W d / D	Bemerkungen Notes
		1B40 EPA II	1B40 NON EPA	1B50 EPA II		
1	05141200	1	1	1		M 6
2	50144400	2	2	2		M 6 DIN 934 - 8 A3C
3	50025000	1	1	1		M 4 x 10 DIN 933-8.8 A3C
4	50483000	1	1	1		2,2 NR. 1120
5	50511900	1	1	1		M 5 x 30 DIN 912 - 8.8 A3C
6	50216300	2	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

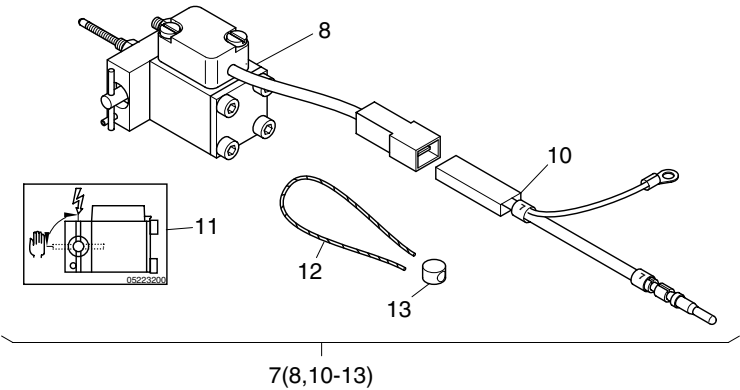
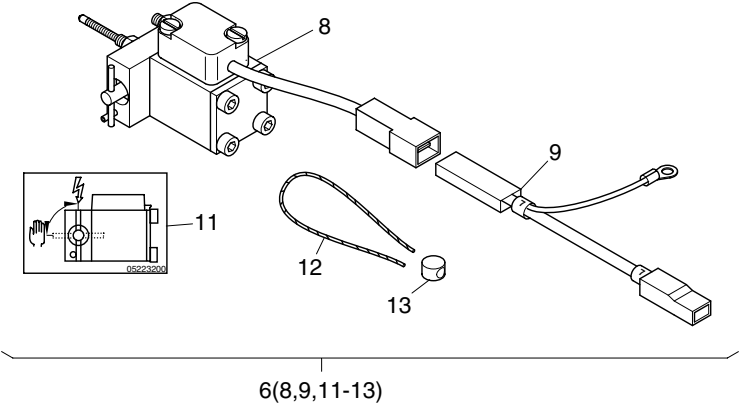
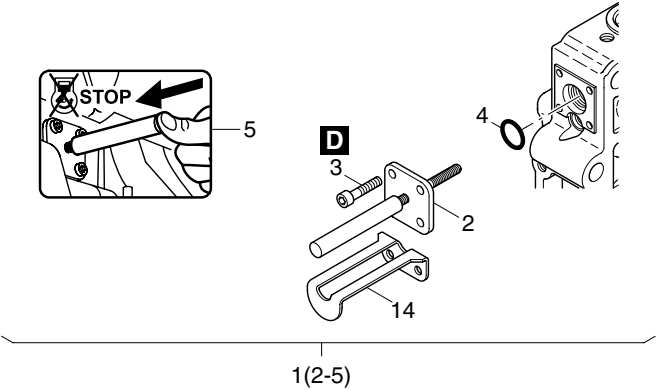


Fig.- No.	HATZ Ident-No.	Stück Qty.			P / W d / D	Bemerkungen Notes
		1B40 EPA II	1B40 NON EPA	1B50 EPA II		
1	01786400	1	1	1		
2	-----	-	-	-		
3	50446900	4	4	4		M 4 x 16 DIN 912-8.8 A3C Tuf.
4	50329000	1	1	1		9,5 x 2,5
5	05221301	1	1	1		Hinweisschild
6	01786000	1	1	1		12V
6	01786200	1	1	1		24V
7	01786100	1	1	1		12V
7	01786300	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		

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

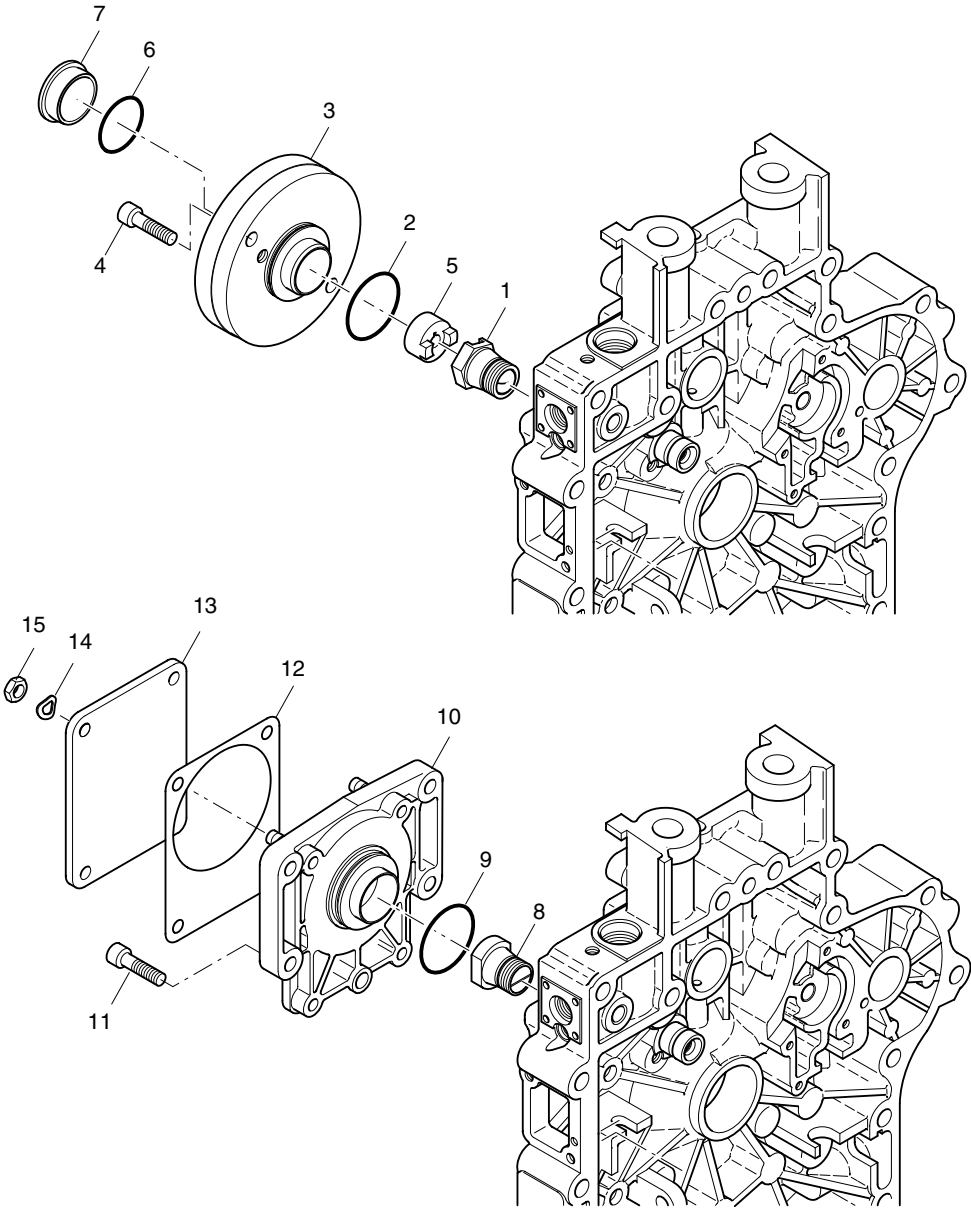


Fig.- No.	HATZ Ident-No.	Stück Qty.			P / W d / D	Bemerkungen Notes
		1B40 EPA II	1B40 NON EPA	1B50 EPA II		
1	01558100	1	1	1		
2	50454500	1	1	1		44 x 1,5
3	05212200	1	1	1		(BOSCH)
4	50175900	2	2	2		M 8 x 30 DIN 912-8.8 A3C
5	05114700	1	1	1		
6	50288200	1	1	1		32 x 2,5
7	50163101	1	1	1		F 25 ø 31,8
8	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

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

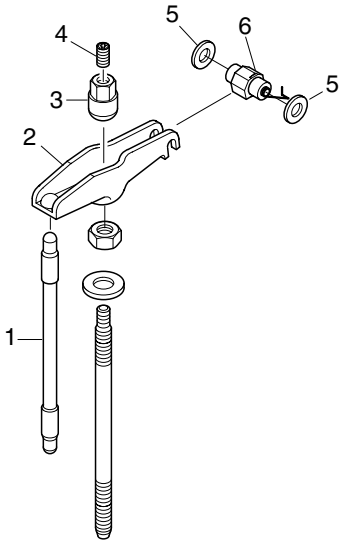


Fig.- No.	HATZ Ident-No.	Stück Qty.			P / W d / D	Bemerkungen Notes
		1B40 EPA II	1B40 NON EPA	1B50 EPA II		
1	01374000	2	2	2		
2	05146701	2	2	2		
3	05054700	2	2	2		
4	50513100	2	2	2		
5	05240700	0... 4	0... 4	0... 4		
5	50445100	0... 4	0... 4	0... 4		
6	01776000	2	2	2		
					W2	M 8 x 10 DIN 916 - 45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

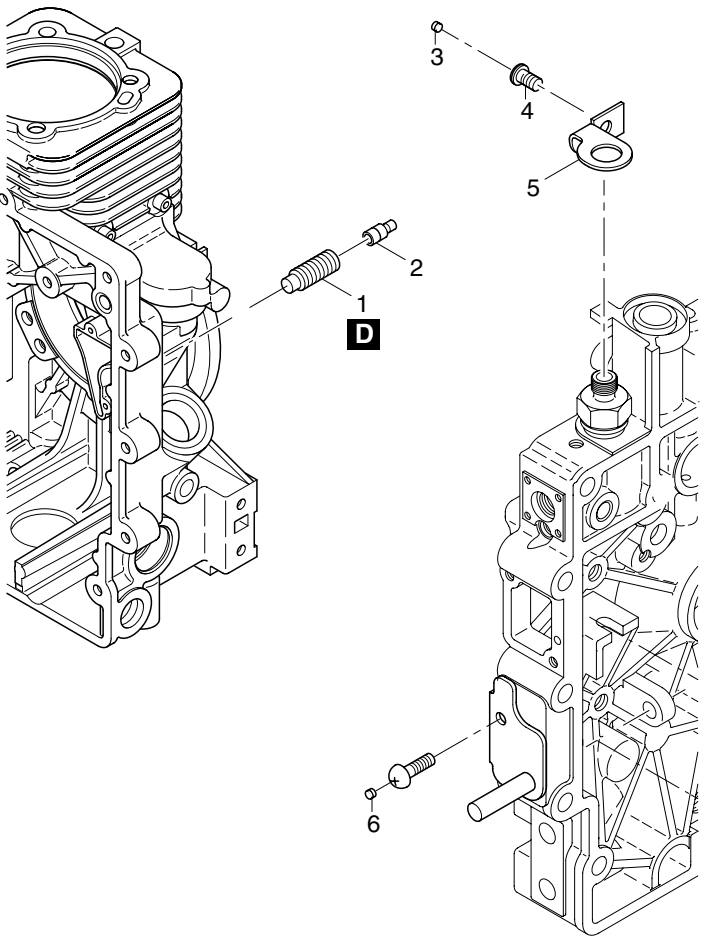


Fig.- No.	HATZ Ident-No.	Stück Qty.		P / W d / D	Bemerkungen Notes
		1B40 EPA II	1B50 EPA II		
1	04198800	1	1		
2	04150500	1	1		6
3	04170600	1	1		4,15
4	50495000	1	1		M 6 x 12 DIN 7380-10.9 A3C
5	04185301	1	1		
6	05201500	1	1		3

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

IMT-No.

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