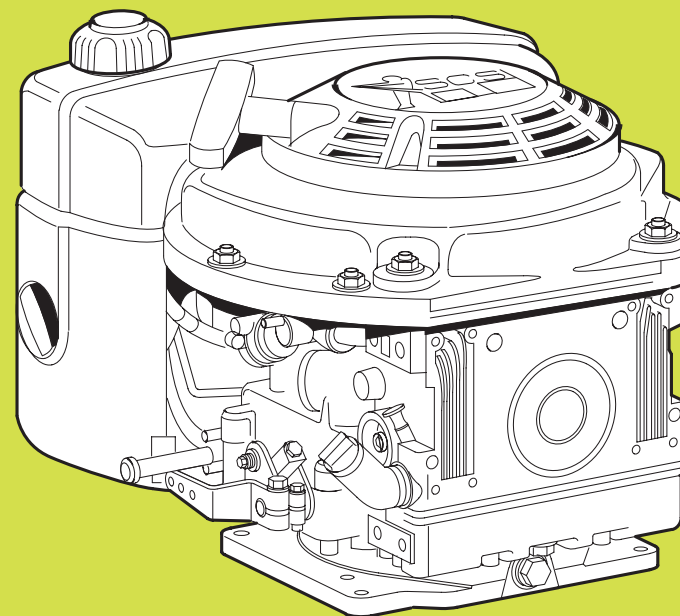




MOTORENFABRIK HATZ • D-94099 Ruhstorf • Germany
Tel.: 0 85 31 / 3 19-0 • Telefax: 0 85 31 / 31 94 18
eMail: marketing@hatz-diesel.de • <http://www.hatz-diesel.de>

Original-Ersatzteile

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



434 800 81- 09.06- 0.2
Printed in Germany

1 B 20 V
1 B 30 V

Bestellung für HATZ-Original-Ersatzteile

Order for HATZ Original spare parts

Commande de pièces d'origine HATZ

Pedido de repuestos originales HATZ

Ordine parti di ricambio originali HATZ

1

Besteller / Customer / Client / Cliente / Cliente

2

TYP

MOTOR/FABRIK NO.

MIN-1



3

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

1 B 30 V.16 □ EPA II

1 B 20 V.20 □ NON EPA 1 B 30 V.16 □ NON EPA

Beispiel:/Example:/Exemple:/Ejemplo:/Esempio: MOTOR/FABRIK NO. - **3012006123456 (=1B20V.20 NON EPA)**
MOTOR/FABRIK NO. - **1121606123456 (=1B30V.16 EPA II)**
MOTOR/FABRIK NO. - **3031606123456 (=1B30V.16 NON EPA)**

4

Stück / Qty / Q.tà	HATZ Ident No.	Stück / Qty / Q.tà	HATZ Ident No.

5

Versandart / Mode of dispatch / Mode d'expédition / Despacho deseado / Modo di spedizione

Post / Surface / Poste / Correo / Posta ☐ Luftfracht / airfreight / frêt aérien / flete aereo / Via aerea ☐
Express / express / exprès / expreso / Espresso ☐ ☐

6

Versandadresse / Consignee / Adresse destination / Dirección / Indirizzo di destinazione

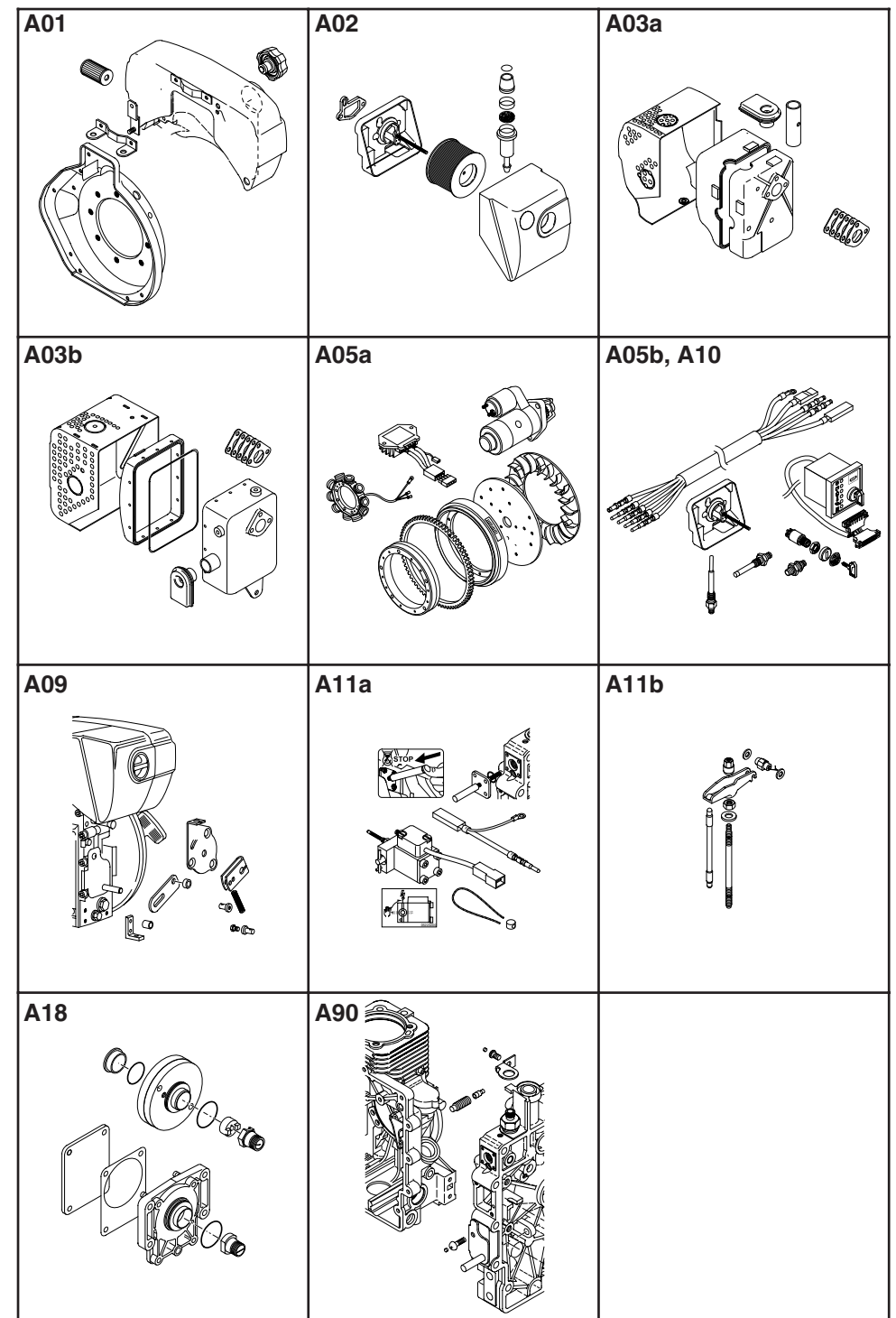
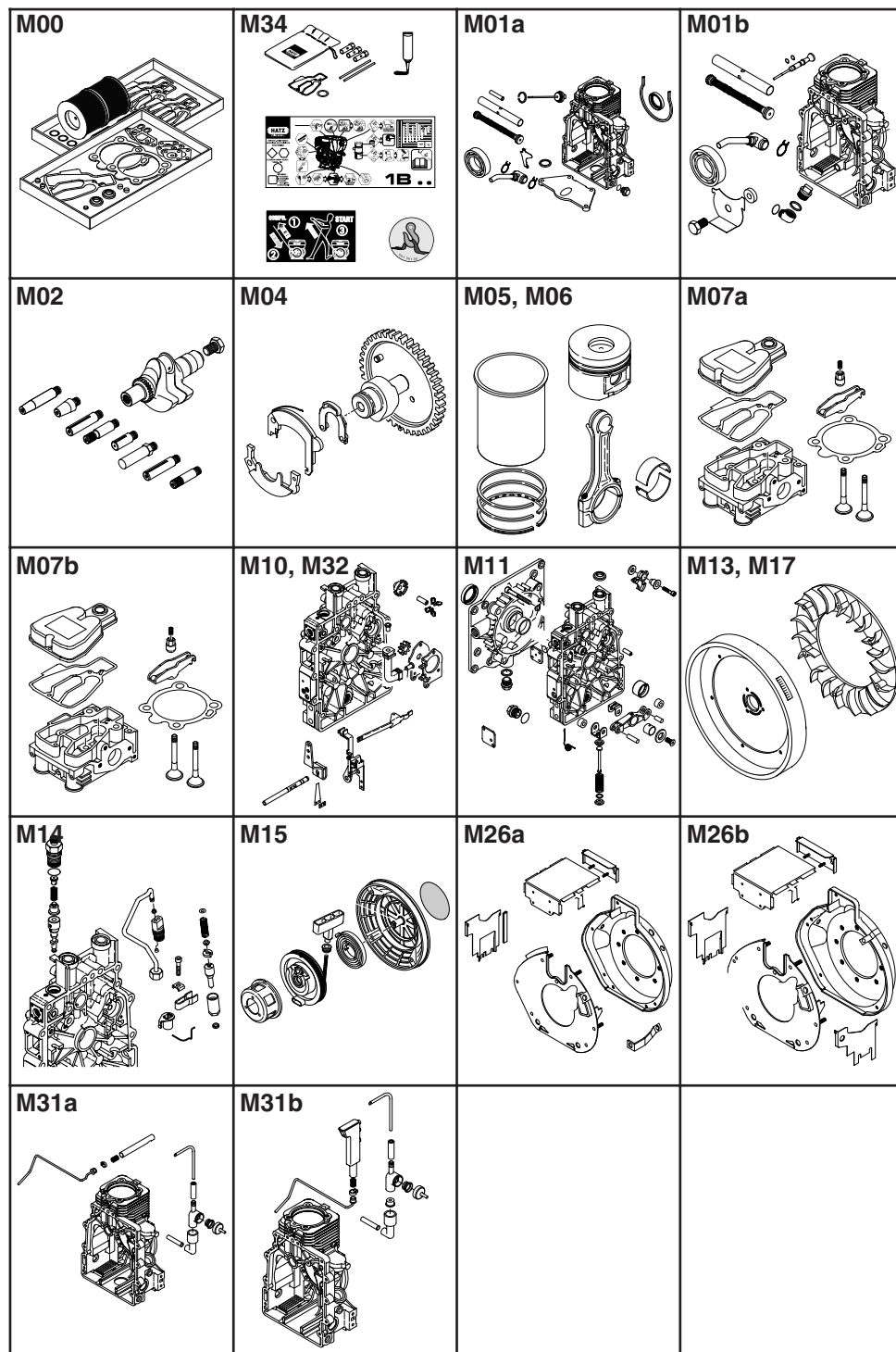
Bestellung an: Order at: Commande à: Pedido a:

- die nächste HATZ-Servicestelle (siehe Servicestellenverzeichnis)
- your nearest HATZ service station (see service-list)
- votre station-service HATZ la plus proche (voir liste "Service")
- al servicio HATZ más cercano (ver cuaderno de Servicio)
- al più vicino centro di servizio HATZ (vedi lista centri autorizzati)

MOTORENFABRIK HATZ
D-94099 RUHSTORF

Tel: 0 85 31 / 319 - 0

Fax: 0 85 31 / 31 94 21



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

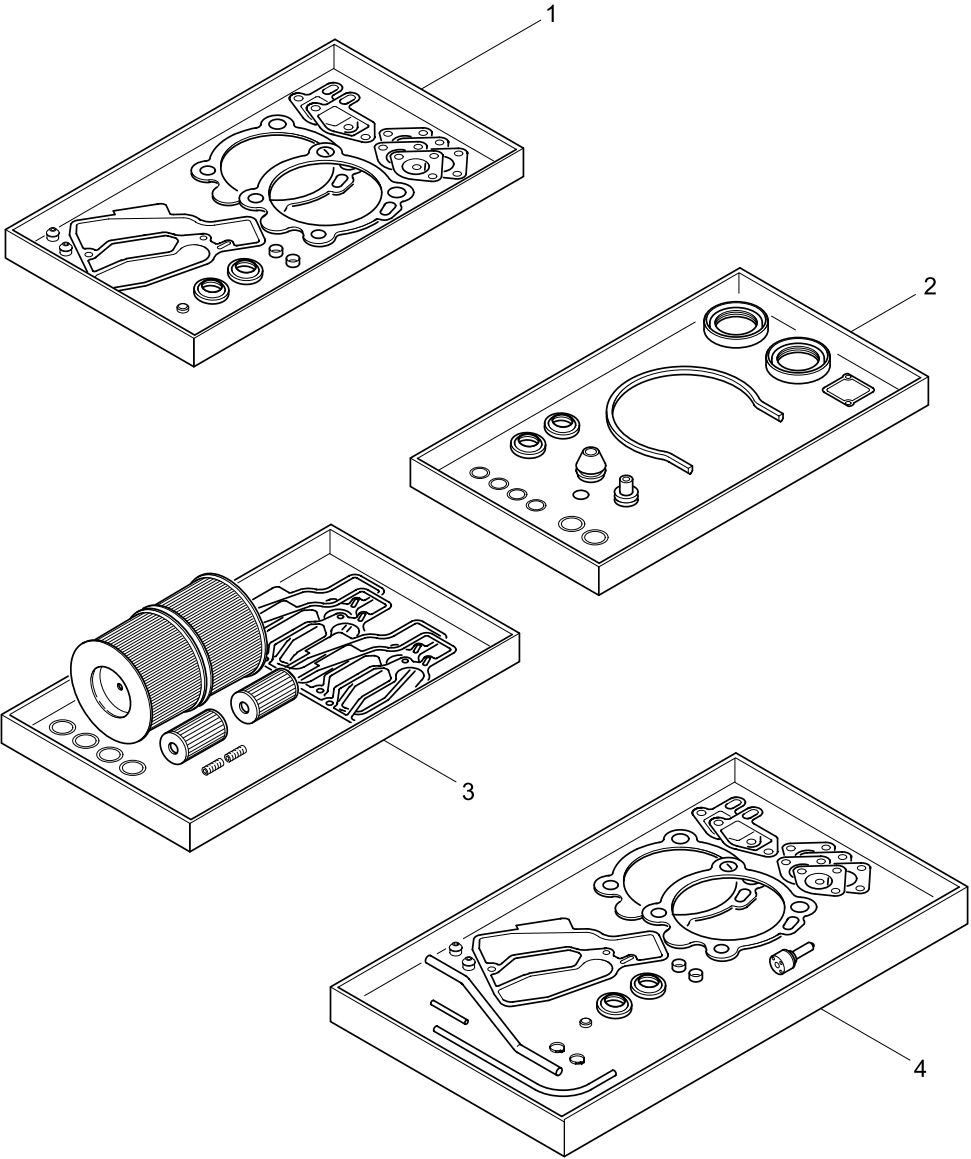


Fig.- No.	HATZ Ident-No.	Stück Qty.			P / W d / D	Bemerkungen Notes
		1B20V NON EPA	1B30V EPA II	1B30V NON EPA		
W: Im Wartungssatz enthalten. Incl. in maintenance kit. Contenu dans le jeu d'entretien. Incluido en el juego de mantenimiento. Contenuto nella serie manutenzione.						P: Im Pannensatz enthalten. Incl. in emergency kit. Contenu dans le jeu secour. Incluido en el juego para averias. Contenuto nella serie di prima necessità.
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.						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	01554101	1	-	-	P 1	Dichtungssatz für 1 Zylinderkopf
1	01582203	-	1	1	P 1	Gasket set for 1 cyl. head Jeu de joint p. 1 culasse Juego de juntas para 1 culata Serie guarniziono per 1 testa
2	01709502	1	-	-		Dichtungssatz für Kurbelgehäuse
2	01709701	-	1	1		Gasket set for crankcase Jeu de joints p. carter moteur Juego de juntas para caja cigueñal Serie guarnizioni basamento
3	01709600	1	-	-		Wartungssatz für 1000 h
3	01709800	-	1	1		1000 hours maintenance kit Kit d'entretien 1000 heures - Juego de piezas para servicio 1C 1000 horas Kit di manutenzione a 1000 ore
4	01850610	1	-	-		Pannensatz - Emergency kit
4	01582520	-	1	-		Kit de secours-Juego para averias
4	01850710	-	-	1		Kit di prima necessità

Zubehör
Accessories
Accessoires
Accessorios
Kit accessori

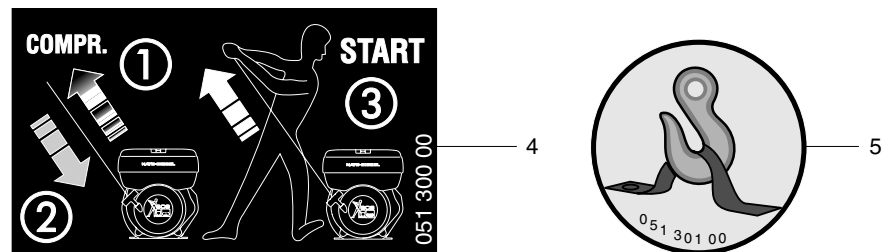
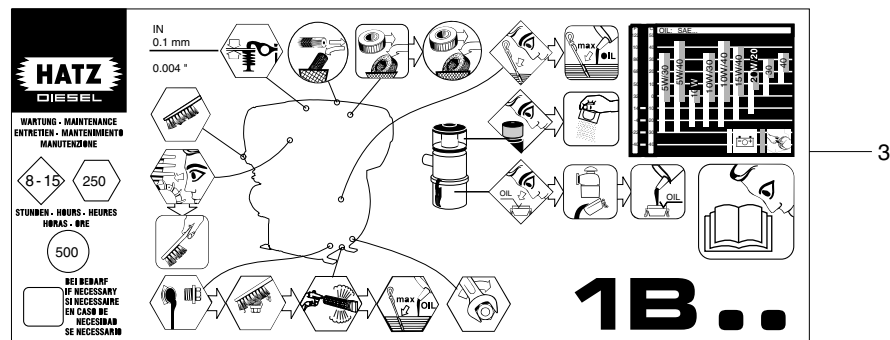
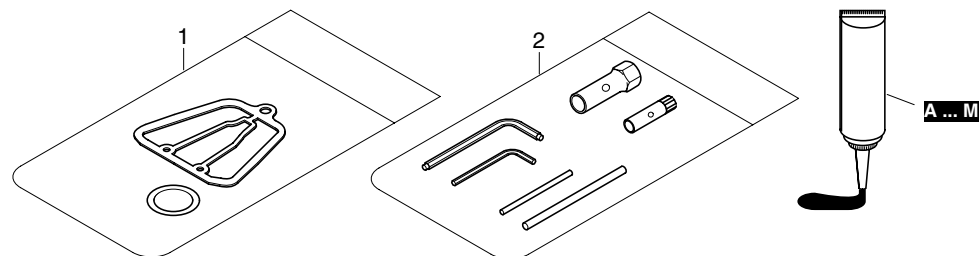


Fig.- No.	HATZ Ident-No.	Stück Qty.			P / W d / D	Bemerkungen Notes
		1B20V NON EPA	1B30V EPA II	1B30V NON EPA		
1	01331002	1	-	-		Zubehörsatz - Accessoires kit
1	01578701	-	1	1		Zubehörsatz - Accessoires kit
2	01330901	1	1	1		Werkzeugsatz - Tool set
3	05110404	1	1	1		160 x 67mm
4	05130000	1	1	1		
5	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		

M01a

Kurbelgehäuse - 1B20V
Crankcase - 1B20V
Carter moteur - 1B20V
Caja cigueñal - 1B20V
Basamento motore - 1B20V

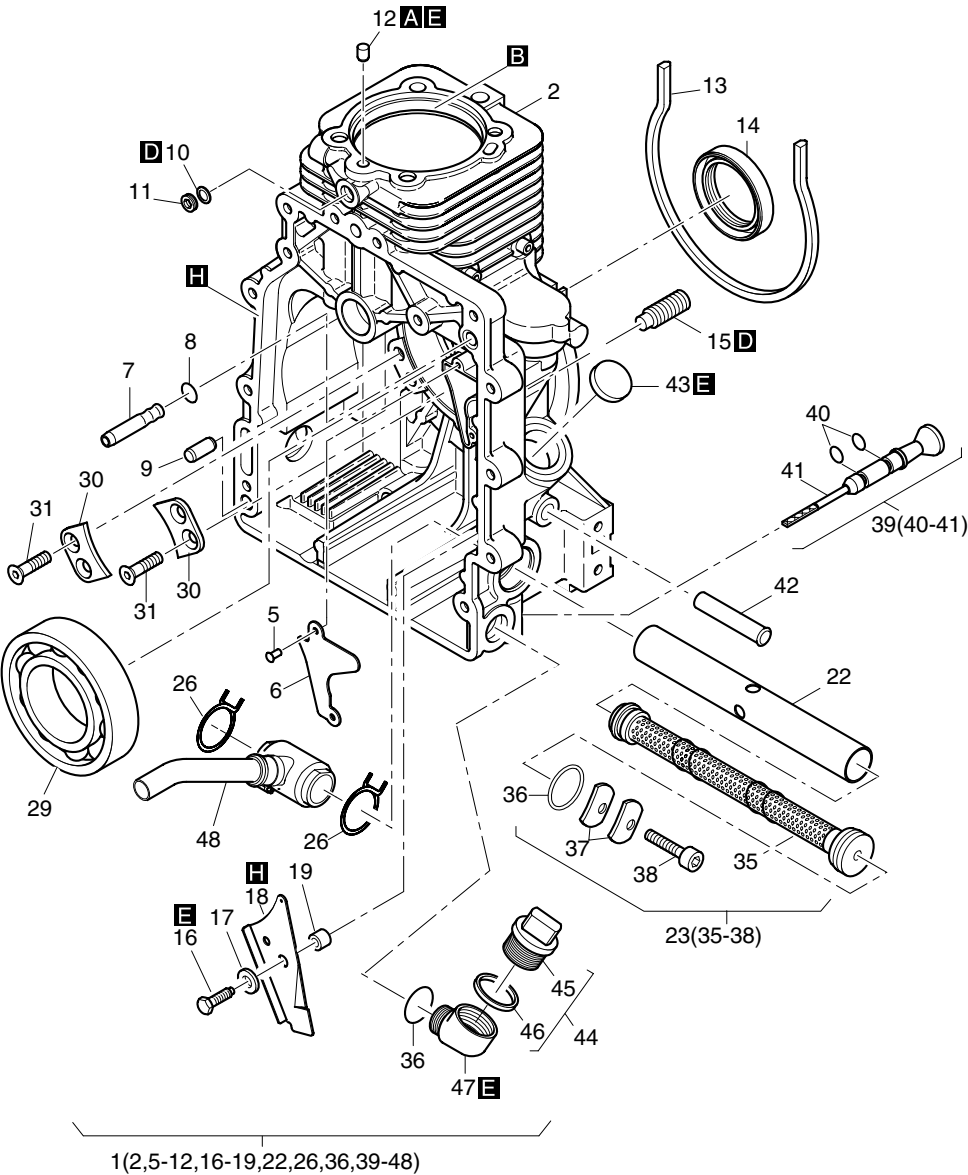


Fig.- No.	HATZ Ident-No.	Stück Qty.	P / W d / D	Bemerkungen Notes
1B20V NON EPA				
1	01625021	1		
2	-----	-		
5	40002600	2		3,2
6	04105400	1		
7	05084300	1		
8	50440300	1	D1	8 x 1,5
9	50249102	1		8 M 6 x 20 2-Fasen
10	50062400	1		A 10 x 13,5 DIN 7603-Cu
11	50062300	1		M 10 x 1 DIN 908-5.8 A3C
12	-----	-		
13	04098000	1	D1	318 mm
14	50423200	1	D1	40 x 55 x 10 AS
15	04150600	1		
16	50207900	1		M 6 x 20 DIN 933-8.8 A3C
17	50144500	1		6,4 DIN 125-St A3C
18	04222401	1		
19	04229500	1		6,5 x 13 x 9,5
22	04105710	1		
23	01542702	1		
26	05036900	2		
29	50423300	1		
30	04094400	2		
31	50564300	4		M 6 x 16 8.8 MK PRE 80-8
35	-----	-		
36	50475901	2	D2	20 x 4
37	05148200	2		
38	50170700	1		M 6 x 16 DIN 912-8.8 A3C
39	01350502	1		
40	40022000	2	D2	5 x 2
41	-----	-		
42	-----	-		
43	-----	-		
44	01613100	1		
45	-----	-		
46	04125000	1		26 x 35 x3
47	04163700	1		
48	01339800	1		

M01b

Kurbelgehäuse - 1B30V
Crankcase - 1B30V
Carter moteur - 1B30V
Caja cigueñal - 1B30V
Basamento motore - 1B30V

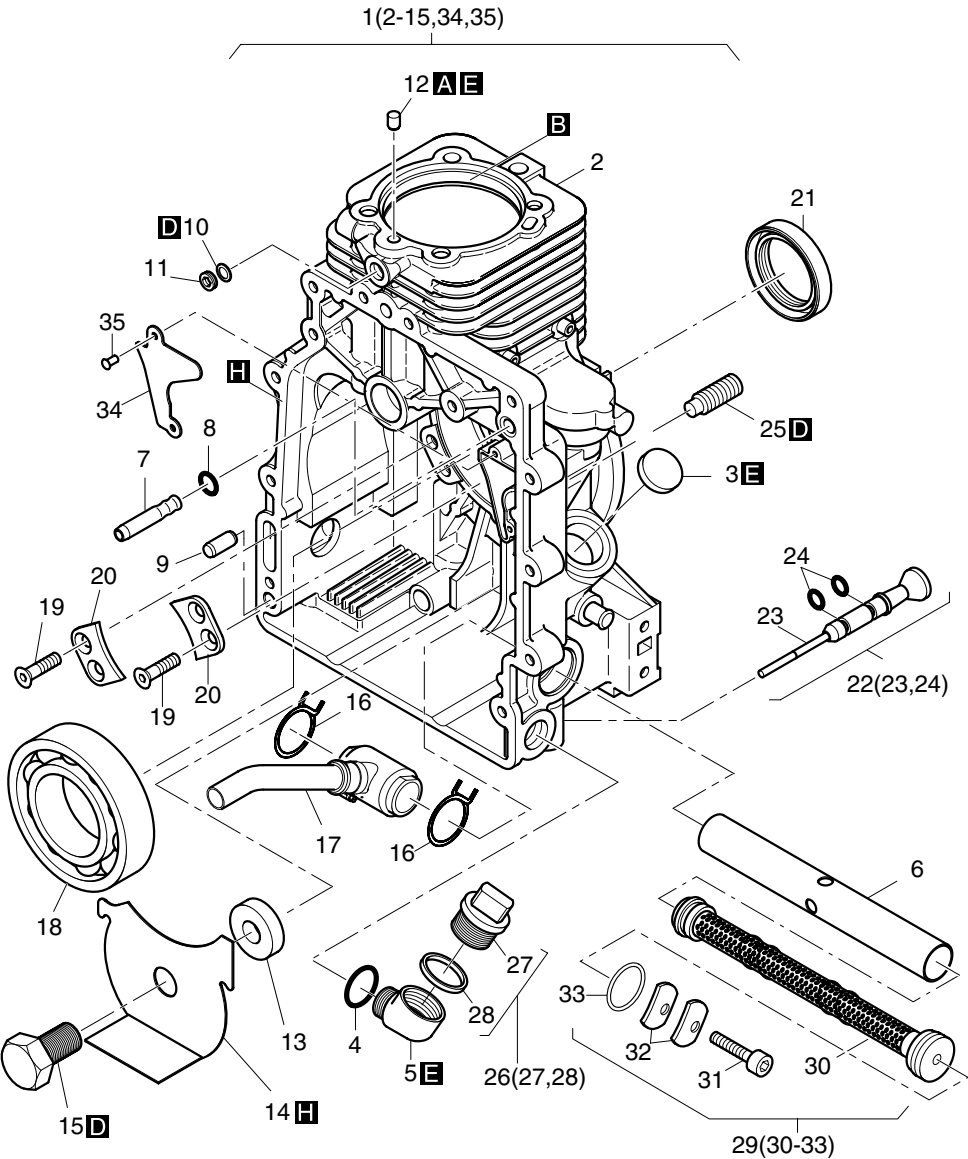


Fig.- No.	HATZ Ident-No.	Stück Qty.		P / W d / D	Bemerkungen Notes
		1B30V EPA II	1B30V NON EPA		
1	01706310	1	-		
2	-----	-	-		
3	-----	-	-		
4	50475901	1	-	D1	20 x 4
5	04163700	1	-		
6	04105710	1	-		
7	05084300	1	-		
8	50440300	1	-	D1	8 x 1,5
9	50249102	1	-		8 M 6 x 20 2-Fasen
10	50062400	1	-		A 10 x 13,5 DIN 7603-Cu
11	50062300	1	-		M 10 x 1 DIN 908-5.8 A3C
12	-----	-	-		
13	04165500	1	-		
14	04165600	1	-		
15	50503400	1	-		M16 x 1,5 x 25 DIN 961 - 8.8
16	05036900	2	-		
17	01339800	1	-		
18	50449700	1	-		
19	50564300	4	-		M 6 x 16 8.8 MK PRE 80-8
20	04094400	2	-		
21	50449800	1	-	D1	42 x 55 x 10 AS
22	01350502	1	-		
23	-----	-	-		
24	40022000	2	-	D1	5 x 2
25	04115200	1	-		
26	01613100	1	-		
27	-----	-	-		
28	04125000	1	-	D1	26 x 35 x3
29	01542702	1	-		
30	-----	-	-		
31	50170700	1	-		M 6 x 16 DIN 912-8.8 A3C
32	05148200	2	-		
33	50475901	1	-	D1	20 x 4
34	01333100	1	-		
35	40002600	2	-		3,2

M02

Kurbelwelle
Crankshaft
Vilebrequin
Cigüeñal
Albero a gomito

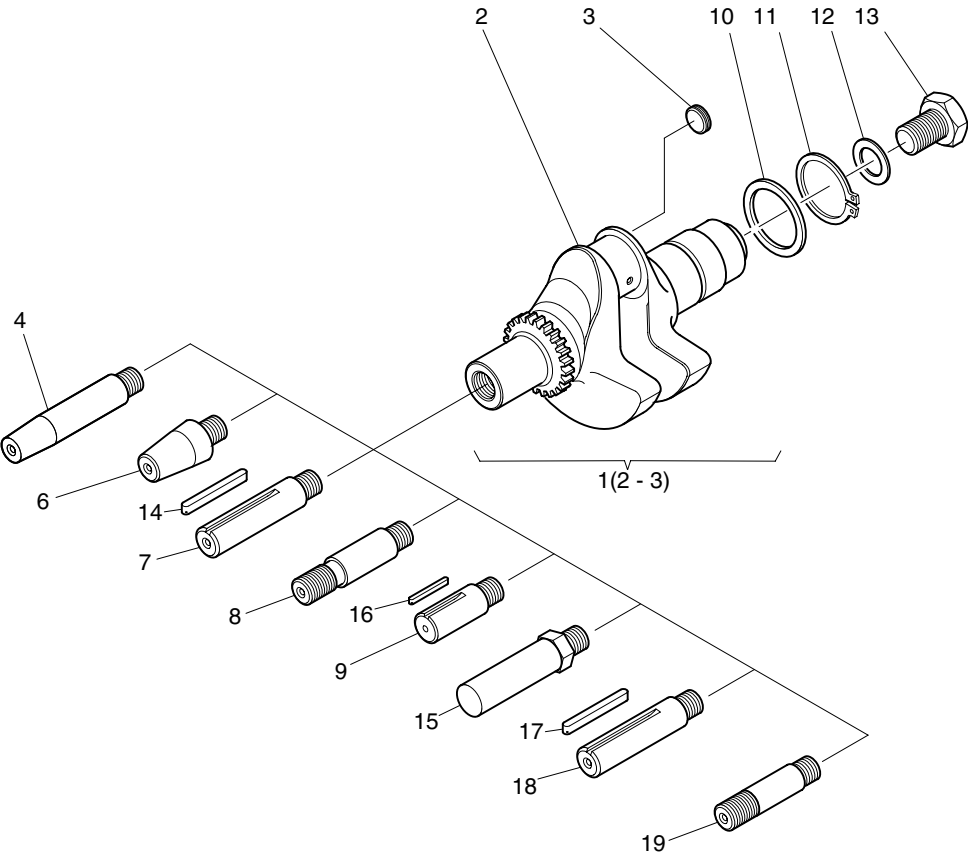


Fig.- No.	HATZ Ident-No.	Stück Qty.			P / W d / D	Bemerkungen Notes
		1B20V NON EPA	1B30V EPA II	1B30V NON EPA		
1	01340301	1	-	-		1B20V "X"
1	01361201	-	1	1		1B30V "X"
2	-----	-	-	-		
3	50300801	1	1	1		
4	05099600	1	-	-		Nr. 4 SAE Generator ø 19,8 mm
4	05127401	-	1	1		Nr. 4 SAE Generator ø 7/8"
6	05099700	1	1	1		Nr. 6 ital. 23 keg., con.
6	05142700	-	1	1		keg., con. ø 25 f. Gen.
7	05099800	1	-	-		Nr. 7 - ø 3/4" zyl., cil.
7	05127620	-	1	1		Nr. 2 - ø 1" zyl., cil.
8	05099900	1	-	-		Nr. 8 SAE 3/4" - 16 UNF 2A
8	05127722	-	1	1		Nr. 1 - SAE ø 1" - 14 UNS 2A
9	05100000	1	-	-		ø 20 zyl., cil.
9	05127801	-	1	1		ø 25 zyl., cil.
10	40032500	1	-	-		40 x 50 x 2,5 DIN 988
10	40065600	-	1	1		45 x 55 x 3,0
11	50120600	1	-	-		A 40 x 1,75 DIN 471
11	50021600	-	1	1		A 45 x 1,75 DIN 471
12	04114201	1	1	1		18,5 x 37 x 5
13	50443600	1	1	1		M 18 x 1,5 x 55 DIN 961 - 10.9
14	04120400	1	-	-		4,75 x 30
14	05141600	-	1	1		A 6,35 x 61
15	05107301	1	1	1		SW 27 mm, ø 26,8 mm
16	50463400	1	-	-		A 5 x 5 x 36 DIN 6885
16	50473700	-	1	1		7 x 8 x 45 DIN 6885
17	50463400	1	1	1		A 5 x 5 x 36 DIN 6885
18	04152500	1	1	1		ø 22,2 zyl., cil.
19	05232200	1	1	1		ø 5/8" - 18 UNF

M04

Nockenwelle
Camshaft
Arbre à cames
Arbol de levas
Albero a camme

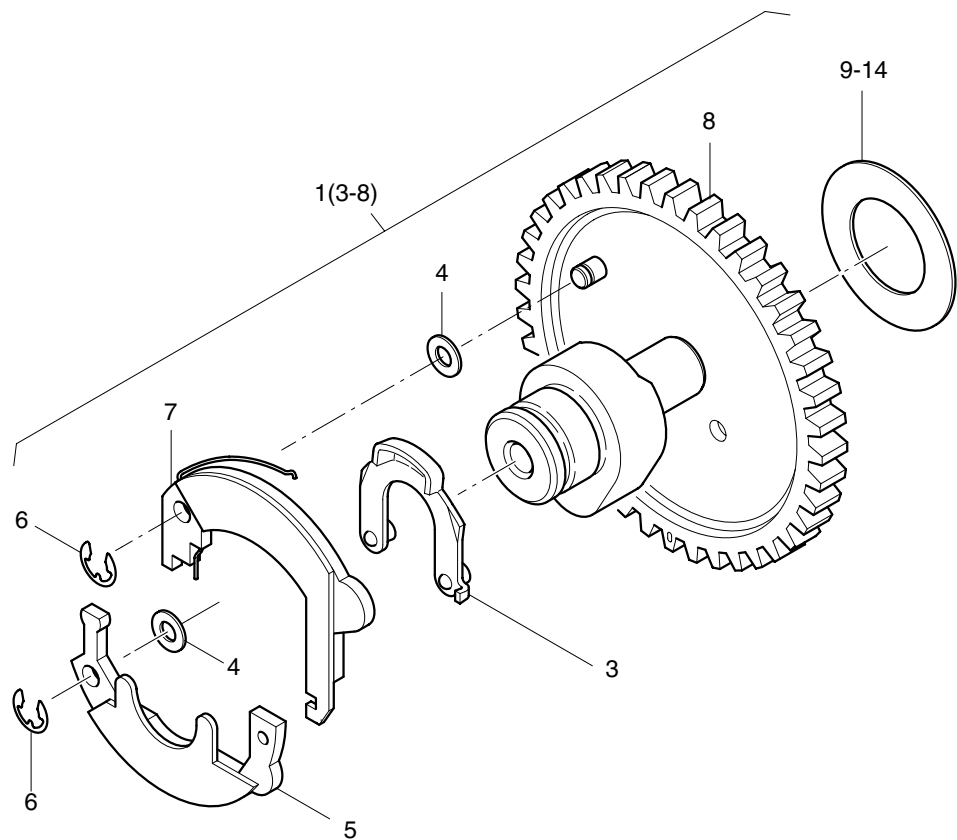


Fig.- No.	HATZ Ident-No.	Stück Qty.			P / W d / D	Bemerkungen Notes
		1B20V NON EPA	1B30V EPA II	1B30V NON EPA		
1	01365002	1	1	1		
3	01326401	1	1	1		
4	50123200	2	2	2		5 x 10 x 0,5 DIN 988
5	01326600	1	1	1		
6	50255300	2	2	2		3,2 DIN 6799
7	01364900	1	1	1		
8	-----	-	-	-		
9	04121700	0... 1	0... 1	0... 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

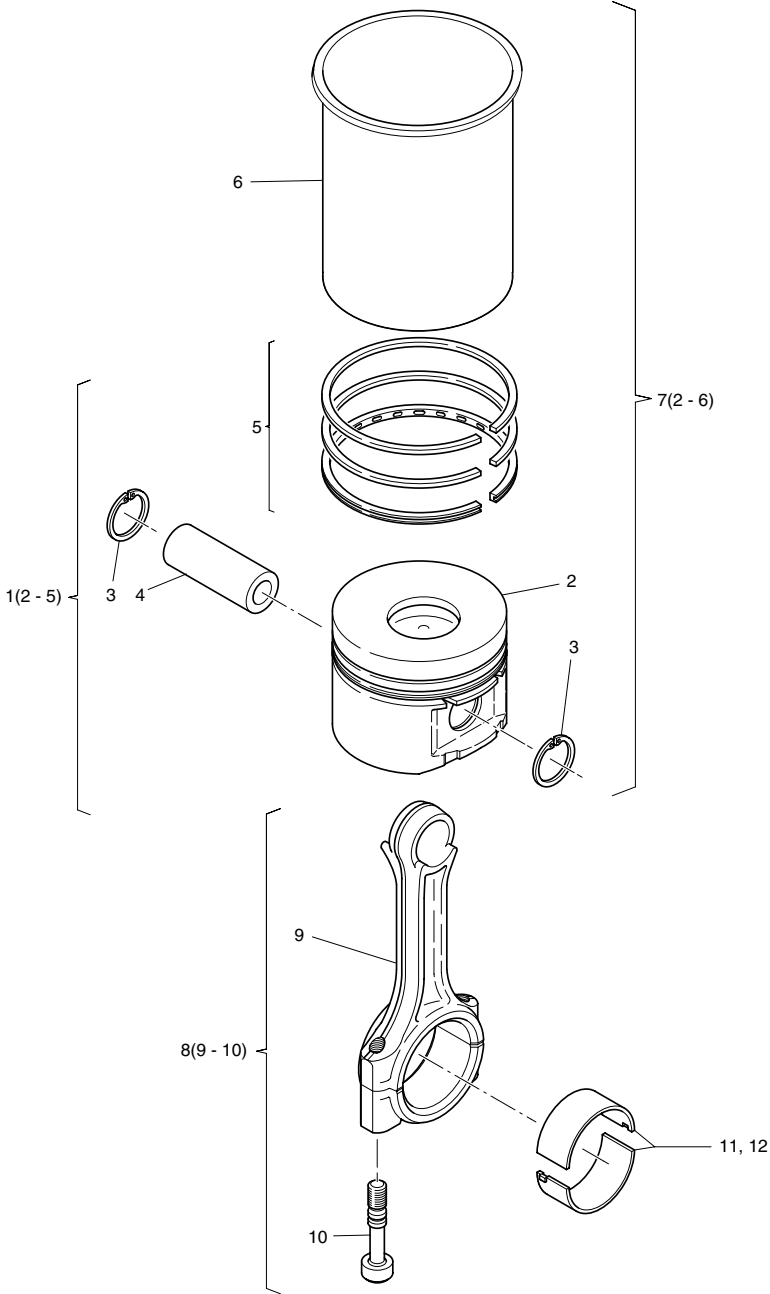


Fig.- No.	HATZ Ident-No.	Stück Qty.			P / W d / D	Bemerkungen Notes
		1B20V NON EPA	1B30V EPA II	1B30V NON EPA		
1	01348120	1	-	-		69 mm NON EPA
1	01390610	-	1	1		80 mm
2	-----	-	-	-		
3	50425500	2	-	-		18 x 1 DIN 472
3	50464000	-	2	2		
4	-----	-	-	-		
5	01348000	1	-	-		1,5-1,5-3,0mm
5	01390700	-	1	1		
6	-----	-	-	-		
7	01554520	1	-	-		NON EPA
7	01582610	-	1	1		
8	01500100	1	-	-		
8	01329201	-	1	1		
9	-----	-	-	-		
10	05046900	2	-	-		
10	04113100	-	2	2		
11	01575700	1	-	-		
11	01582100	-	1	1		
12	01581900	1	-	-		-0,5 mm
12	01582000	-	1	1		-0,5 mm

M07a

Zylinderkopf - 1B20V
Cylinder head - 1B20V
Culasse - 1B20V
Culata - 1B20V
Testa - 1B20V

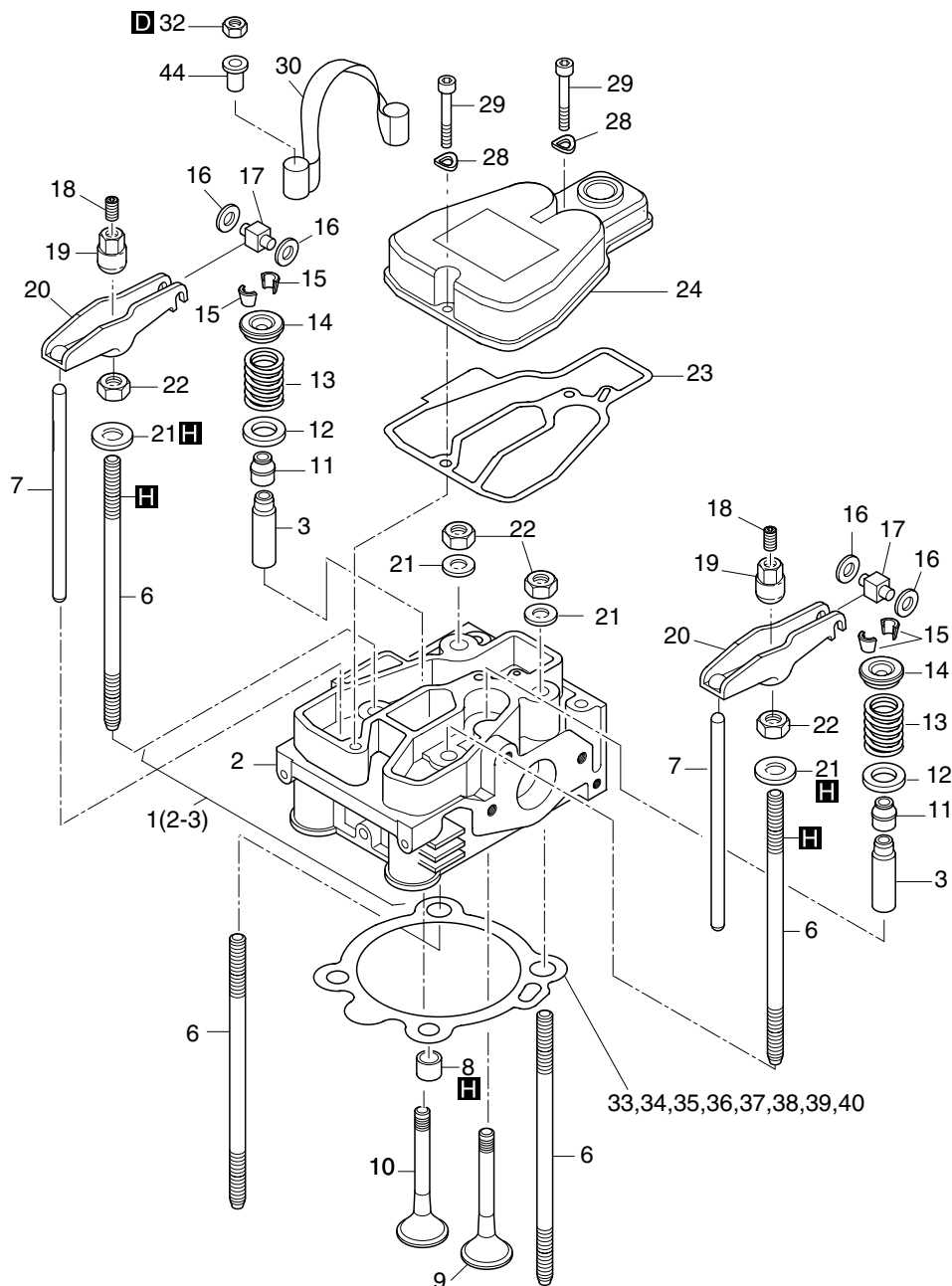


Fig.- No.	HATZ Ident-No.	Stück Qty.	P / W d / D	Bemerkungen Notes
1B20V NON EPA				
1	01857602	1		
2	-----	-		
3	05119400	2		
6	05062500	4		128 mm (M 8)
7	05054000	2		
8	04107500	2	d2	
9	05053200	1		
10	05053300	1		
11	50425800	2	d2	
12	04093700	2		
13	04093600	2		
14	04093800	2		
15	50425700	2		
16	05240700	0... 4		6 x 12 x 1,35
16	50445100	0... 4		6 x 12 x 1,2 DIN 988
17	05091101	2		
18	50513100	2	W2	M 8 x 10 DIN 916 - 45 H
19	05054700	2		
20	05050901	2		
21	05061201	4		8,1 x 20 x 3
22	50364300	4		M 8 DIN 934 - 10.9 A3C
23	05055700	1	d1, W4	
24	05047321	1		
28	50081200	2		A 6 DIN 137 - A3C
29	50374900	2		M 6 x 35 DIN 912-8.8 A3C
30	04117610	1		
32	50129500	2		M 8 DIN 985-8 A3C
33	05059400	0... 1		0,3 mm
33	04252000	0... 1		0,35 mm
34	05059500	0... 1		0,4 mm
34	04252100	0... 1		0,45 mm
35	05059600	0... 1	d1	0,5 mm
35	04252200	0... 1		0,55 mm
36	05059700	0... 1	d1	0,6 mm
36	04252300	0... 1		0,65 mm
37	05059800	0... 1	d1	0,7 mm
37	04252400	0... 1		0,75 mm
38	05059900	0... 1		0,8 mm
38	04252500	0... 1		0,85 mm
39	05060000	0... 1		0,9 mm
39	04252600	0... 1		0,95 mm
40	05060100	0... 1		1,0 mm
44	50525900	2		A 10 x 0,75 x 10 DIN 7340

M07b

Zylinderkopf - 1B30V
Cylinder head - 1B30V
Culasse - 1B30V
Culata - 1B30V
Testa - 1B30V

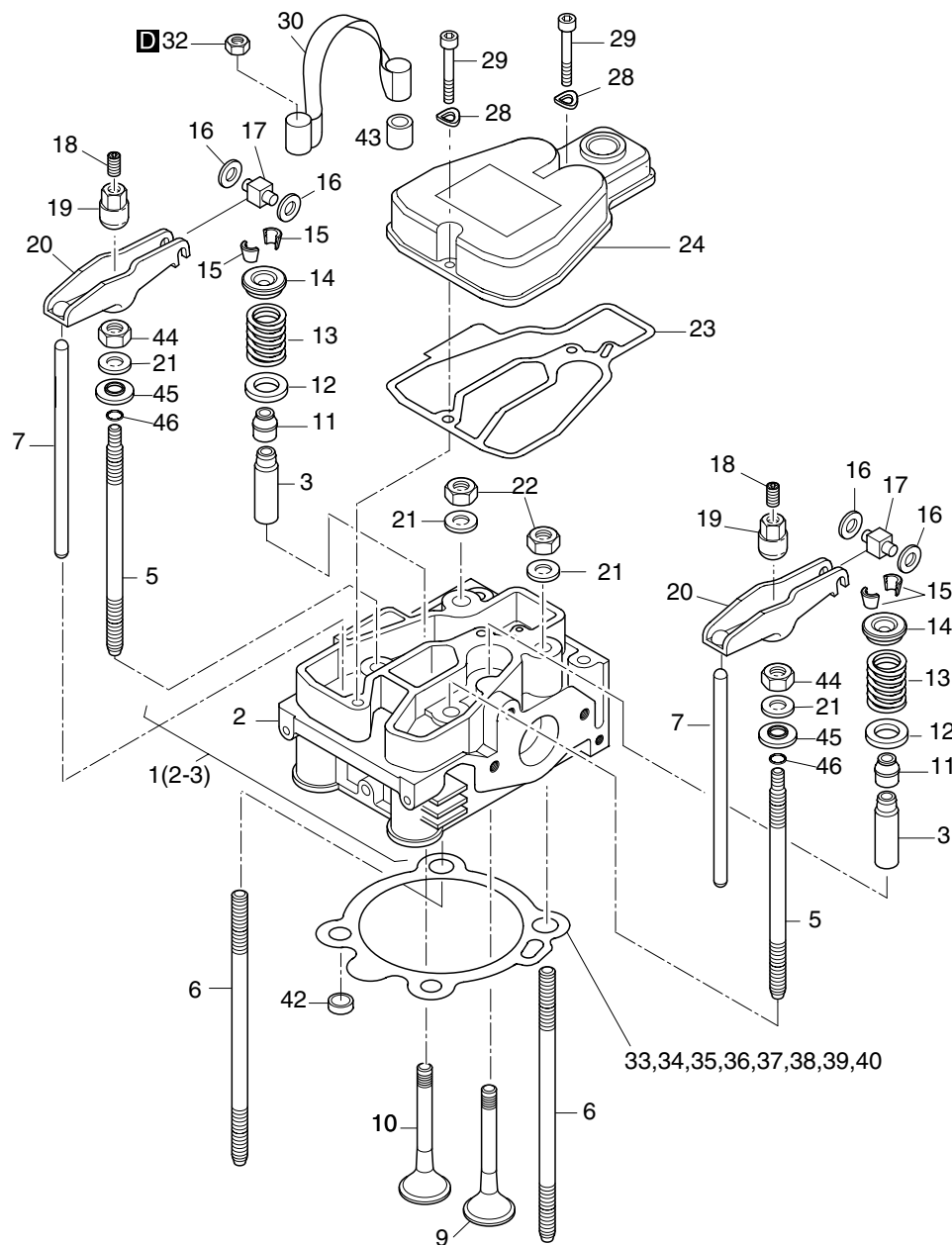


Fig.- No.	HATZ Ident-No.	Stück Qty.		P / W d / D	Bemerkungen Notes
		1B30V EPA II	1B30V NON EPA		
1	01850800	1	1		
2	-----	-	-		
3	05129500	2	2		
5	05097500	2	2		141 mm (M 10 - M 8)
6	05097400	2	2		148 mm (M 10)
7	05098900	2	2		174,8 mm
9	05093000	1	1		
10	05093100	1	1		
11	50425800	2	2	d2	
12	04093700	2	2		
13	04113500	2	2		
14	04093800	2	2		
15	50425700	2	2		
16	05240700	0... 4	0... 4		6 x 12 x 1,35
16	50445100	0... 4	0... 4		6 x 12 x 1,2 DIN 988
17	05091101	2	2		
18	50513100	2	2	W2	M 8 x 10 DIN 916 - 45 H
19	05054700	2	2		
20	05098202	2	2		
21	05099300	4	4		10,1 x 24 x 3
22	50396600	2	2		M 10 DIN 934-10 A3C
23	05093301	1	1	d1, W4	
24	05092710	1	1		
28	50081200	2	2		A 6 DIN 137 - A3C
29	50374900	2	2		M 6 x 35 DIN 912-8.8 A3C
30	04117701	1	1		
32	50023800	2	2		BM 10 DIN 439 - A3C
33	05096301	0... 1	0... 1		0,3 mm
34	05096401	0... 1	0... 1		0,4 mm
35	05096501	0... 1	0... 1	d1	0,5 mm
35	04248800	0... 1	0... 1		0,55 mm
36	05096601	0... 1	0... 1	d1	0,6 mm
36	04248900	0... 1	0... 1		0,65 mm
37	05096701	0... 1	0... 1	d1	0,7 mm
37	04249000	0... 1	0... 1		0,75 mm
38	05096801	0... 1	0... 1		0,8 mm
39	05096901	0... 1	0... 1		0,9 mm
40	05097001	0... 1	0... 1		1,0 mm
42	04229000	2	2		10 x 11,5 x 4,5
43	04126100	2	2		(10 x 12 x 9)
44	50396600	2	2		M 10 DIN 934-10 A3C
45	04243700	2	2		
46	50563900	2	2	d2	10x 2,5

M10, M32

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

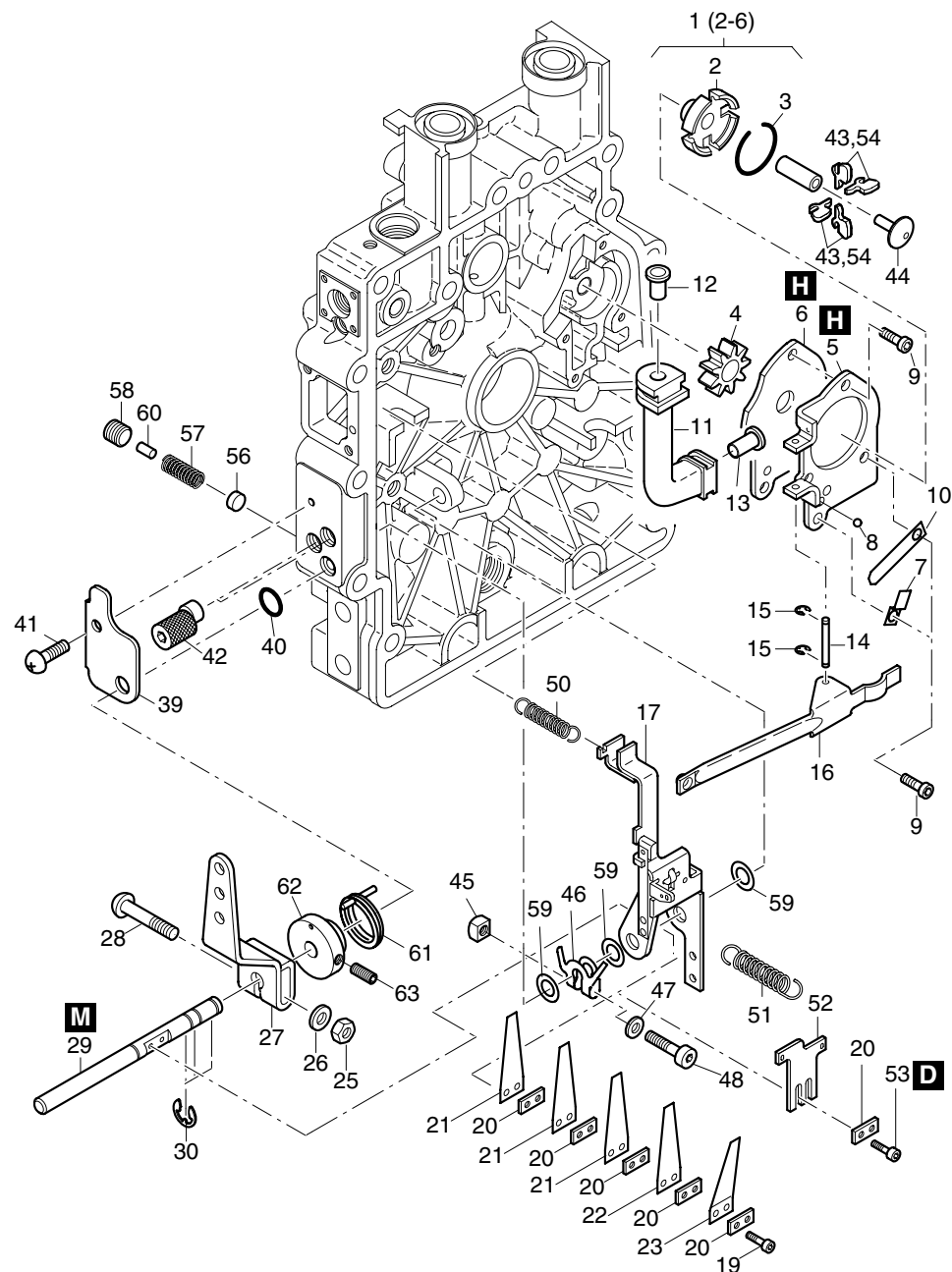


Fig.- No.	HATZ Ident-No.	Stück Qty.			P / W d / D	Bemerkungen Notes
		1B20V NON EPA	1B30V EPA II	1B30V NON EPA		
1	01530220	1	1	1		
2	-----	-	-	-		
3	04210910	1	1	1		
4	-----	-	-	-		
5	-----	-	-	-		
6	-----	-	-	-		
7	05097100	1	1	1		
8	50447900	1	1	1		3,5mm KL. III
9	50429400	4	4	4		M5 x 12 DIN 6912 - 8.8
10	05097300	1	1	1		0,4 mm
11	04102900	1	1	1		
12	50447400	1	1	1		A8 x 0,5 x 12 DIN 7340 - St
13	50447500	1	1	1		A10 x 0,75 x 12 DIN 7340 - St
14	05078600	1	1	1		
15	50434800	2	2	2		1,9 DIN 6799
16	05079401	1	1	1		
17	01530404	1	1	1		
19	50435000	2	2	2		M 3 x 12 DIN 912-8.8
20	05079800	1...5	1...5	1...5		
21	05131600	1...2	1...3	1...3		0,2 mm Gen-PV 78
22	05078900	1...2	1	1		0,3 mm Gen-PV 78
23	05148600	1	1	1		0,4 mm 19°Gen-PV 78
25	50346500	1	1	1		M 6 DIN 934 - 10 A2F
26	50144500	1	1	1		6,4 DIN 125-St A3C
27	04095600	1	1	1		
28	03927300	1	1	1		M 6 x 32
29	05079301	1	1	1		
30	50092700	3	3	3		7 DIN 6799 A3C
39	05178400	1	1	1		
40	40022401	1	1	1		
41	50492300	1	1	1		D1 8 x 2 FPM 75 MOLYKOT.
42	05178810	2	2	2		M 5 x 12 ISO 7380-10.9 Zn

M10, M32

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

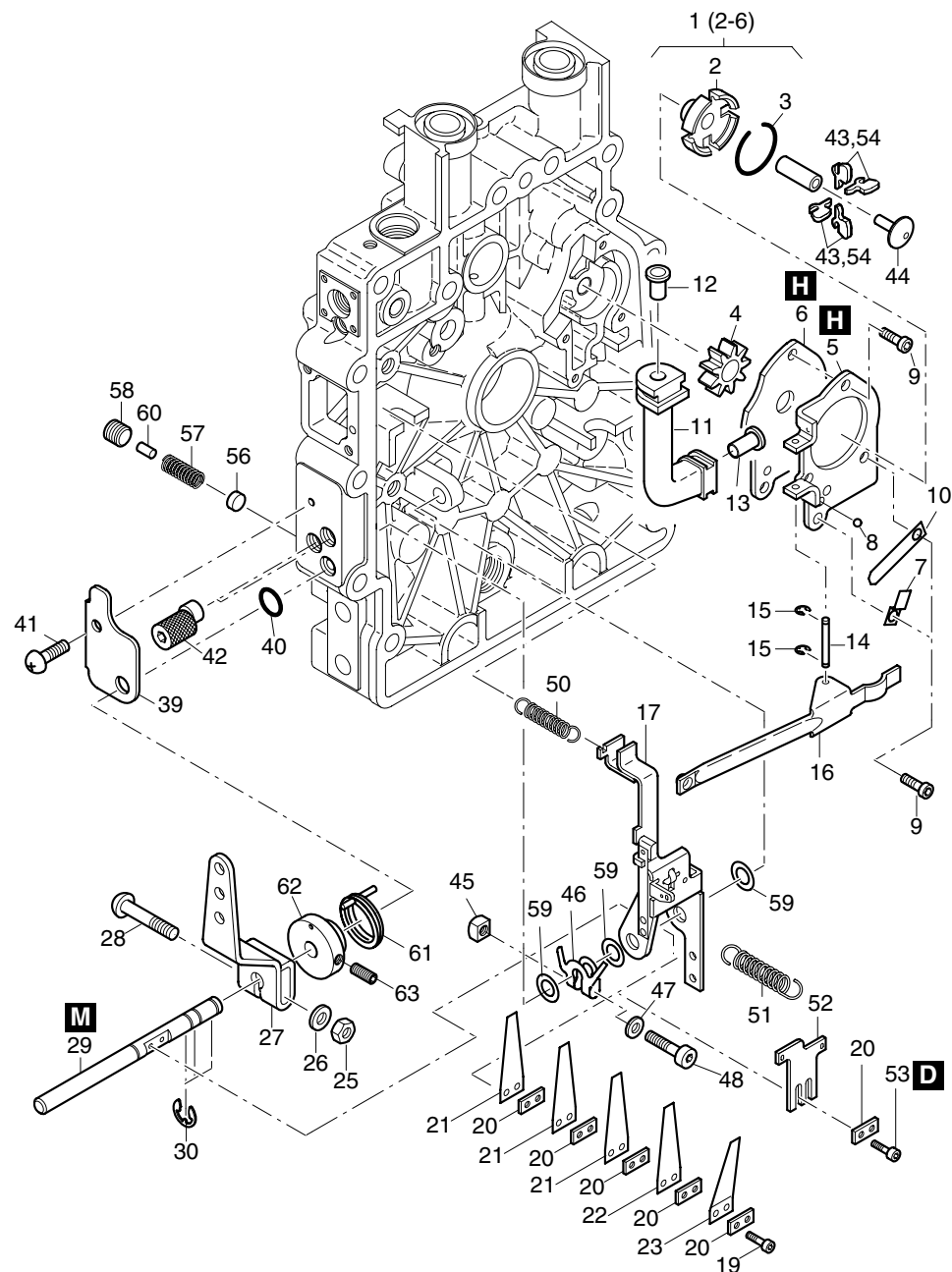


Fig.- No.	HATZ Ident-No.	Stück Qty.			P / W d / D	Bemerkungen Notes
		1B20V NON EPA	1B30V EPA II	1B30V NON EPA		
43	05079611	0... 4	0... 4	0... 4		Gen PV 78 (0)
44	05078502	1	1	1		
45	50422700	1	1	1		M 5 DIN 557-5 A3C
46	05178500	1	1	1		
47	50216300	1	1	1		5,3 DIN 125-St A3C
48	50492200	1	1	1		M 5 x 25 DIN 6912-8.8
50	50563400	1	1	1		
51	05130910	0... 1	0... 1	0... 1		
52	05130800	1	1	1		
53	50465300	2	2	2		M 3 x 8 DIN 912-8.8
54	05160211	0... 4	0... 4	0... 4		Gen PV 78 (4)
56	05151700	0... 1	0... 1	0... 1		
57	50488700	0... 1	0... 1	0... 1		
58	50475700	1	1	1		M 10 x 10 DIN 913-A3C Tuf.
59	50422400	3	3	3		8 x 14 x 1,0 DIN 988
60	50057900	0... 1	0... 1	0... 1		4 M 6 x 8 DIN 7-9S20K
61	05179100	0... 1	0... 1	0... 1		
62	05179000	0... 1	0... 1	0... 1		
63	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

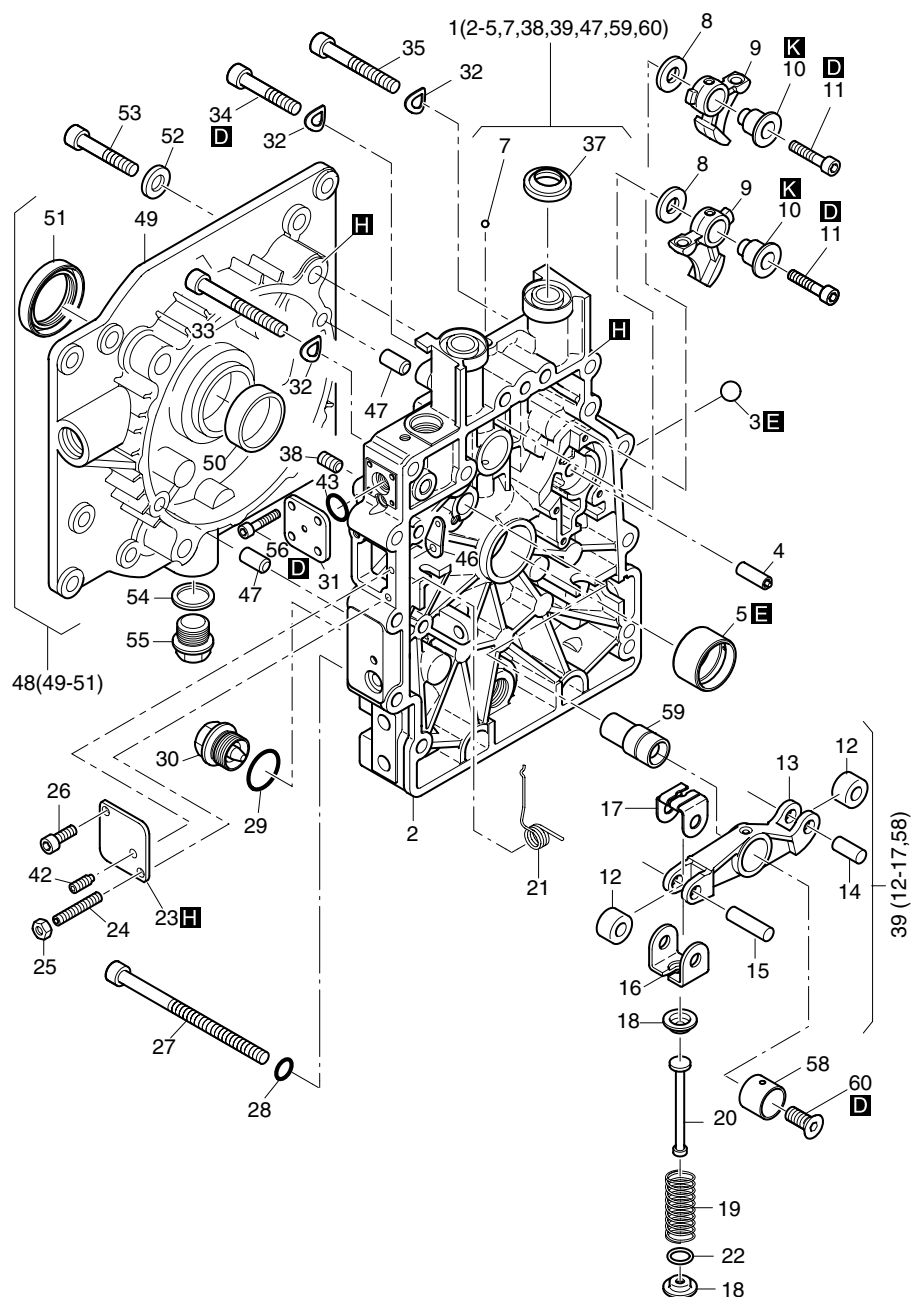


Fig.- No.	HATZ Ident-No.	Stück Qty.			P / W d / D	Bemerkungen Notes
		1B20V NON EPA	1B30V EPA II	1B30V NON EPA		
1	01340120	1	1	1		
2	-----	-	-	-		
3	-----	-	-	-		
4	01533900	1	1	1		
5	05053100	1	1	1		
5	04124800	1	1	1		-0,5 mm
7	-----	-	-	-		
8	03794100	2	2	2		10,1 x 22 x 3
9	05053400	2	2	2		
10	03794201	2	2	2		
11	50457900	2	2	2		M 6 x 25 DIN 912 - 10.9
12	-----	-	-	-		
13	-----	-	-	-		
14	-----	-	-	-		
15	-----	-	-	-		
16	-----	-	-	-		
17	-----	-	-	-		
18	04094802	2	2	2		
19	04095700	1	1	1		
20	04094700	1	1	1		
21	05095210	1	1	1		
22	04133900	1	1	1		10,7 x 16 x 0,5
23	04095210	1	1	1		
24	50448901	1	1	1		M 6 x 30 DIN 913 22 H A3C Tuf.
25	50144400	1	1	1		M 6 DIN 934 - 8 A3C
26	50384200	1	1	1		M 6x12 DIN 912-8.8 A3C Tuf.
27	50426100	2	-	-		M 8 x 120 DIN 912 - 8.8 A3C
27	50463000	-	2	2		M 8 x 130 DIN 912 - 8.8 A3C
28	50162900	2	2	2		D2 A 8 x 14 DIN 7603 - Cu
29	50469800	1	1	1	W4, D1	A 22 x 27 DIN 7603 - Vf
30	50373100	1	1	1	W1	AM22x1,5DIN7604A3C MAGN.
31	01351700	1	1	1		
32	50095100	13	13	13		A 8 DIN 137 A3C
33	50248800	1	1	1		M 8 x 60 DIN 912 - 8.8 A3C
34	50453400	2	2	2		M 8 x 45 DIN 912 - 8.8 A3C Tuf.
35	50392900	10	10	10		M 8 x 50 DIN 912 - 8.8 A3C
37	04106501	2	2	2	d2	M 8 x 10 DIN 913 - 45H-A3C-KL
38	50530600	5	5	5		
39	01319620	1	1	1		
42	50274901	1	1	1		M 4 x 20 DIN 915-Tuf. 360 G
43	50329000	1	1	1	D1	9,5 x 2,5
46	05127100	1	1	1		
47	50249102	2	2	2		8 M 6 x 20 2-Fasen
48	01626701	1	1	1		
49	-----	-	-	-		

Steuerdeckel
Timing cover
Couvercle distribution
Tapa de mando
Coperchio distribuzione

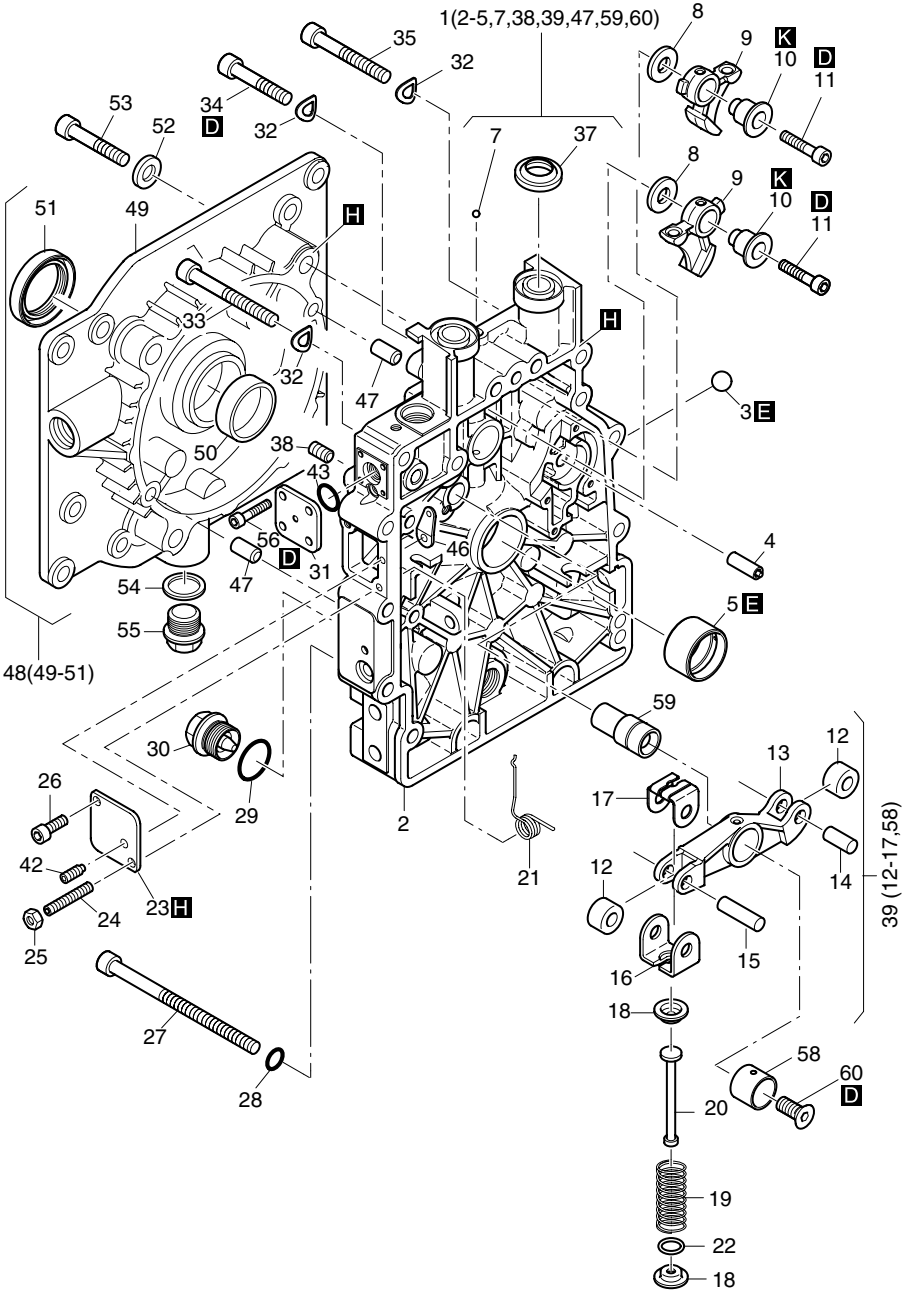


Fig.- No.	HATZ Ident-No.	Stück Qty.			P / W d / D	Bemerkungen Notes
		1B20V NON EPA	1B30V EPA II	1B30V NON EPA		
50	50193400	1	1	1		
51	40033701	1	1	1	D1	30 x 47 x 7
52	50017000	4	4	4		10,5 DIN 433 - St A3C
53	50475500	4	4	4		M 10 x 45 DIN 6912 - 8.8 A3C
54	50001400	2	2	2	D2, W4	A 18 x 22 DIN 7603 - Cu
55	50044200	2	2	2	W1	M 18 x 1,5 DIN 910
56	50397100	4	4	4		M 4 x 10 DIN 912-8.8 A3C Tuf.
58	-----	-	-	-		
59	04096830	1	1	1		
60	50445000	1	1	1		M 6 x 35 DIN 7991 - 8.8 A3C

M13, M17

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

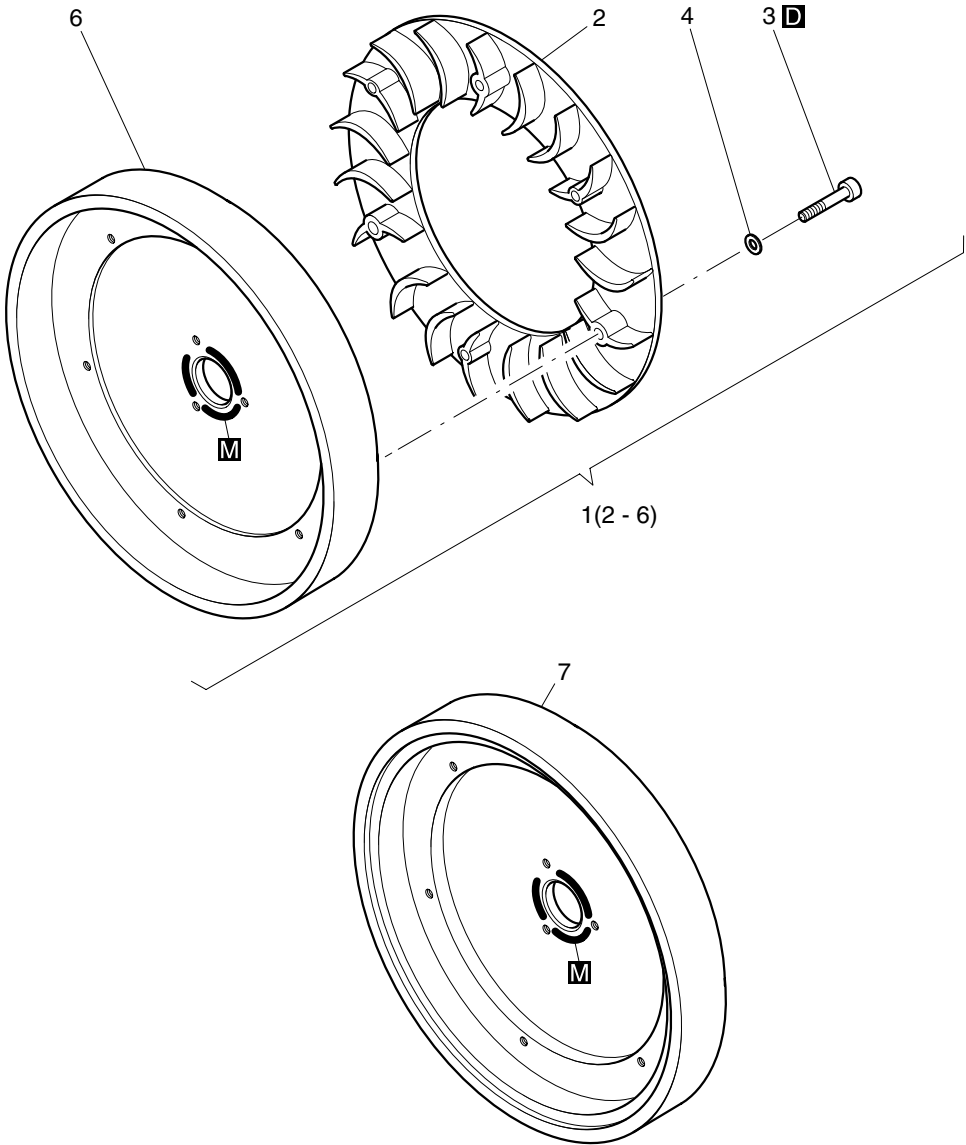


Fig.- No.	HATZ Ident-No.	Stück Qty.			P / W d / D	Bemerkungen Notes
		1B20V NON EPA	1B30V EPA II	1B30V NON EPA		
1	01579710	1	-	-		
2	04193700	1	-	-		
2	04193600	-	1	1		
3	50327300	6	6	6		M 4 x 20 DIN 912 - 8.8 A3C
4	50003400	6	6	6		A 4 DIN 137 - ST
6	05052220	1	-	-		
6	04110302	-	0... 1	0... 1		leicht, light, léger
7	01397700	-	0... 1	0... 1		schwer, heavy, lourde

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

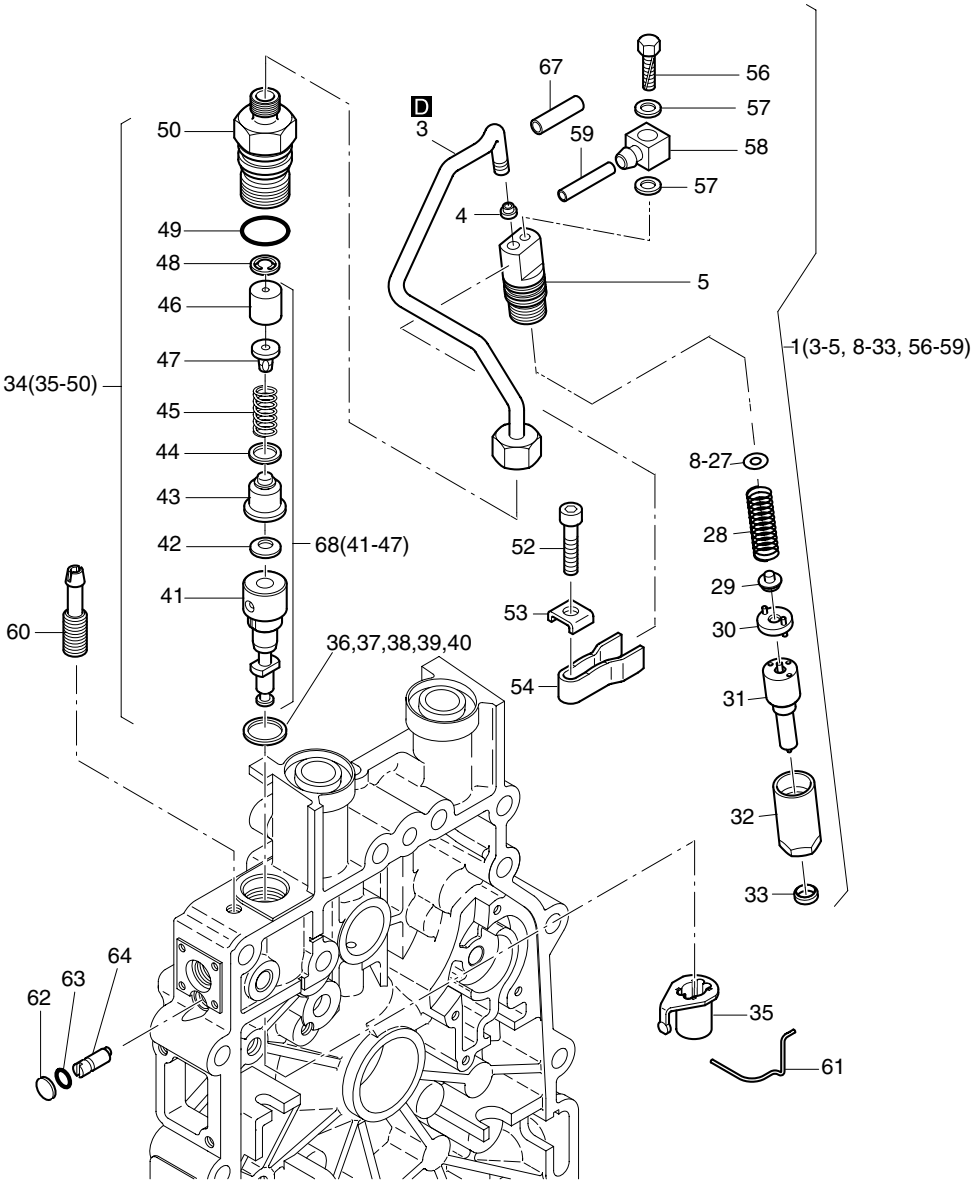


Fig.- No.	HATZ Ident-No.	St�ck Qty.			P / W d / D	Bemerkungen Notes
		1B20V NON EPA	1B30V EPA II	1B30V NON EPA		
1	01394000	1	-	-		NON EPA
1	01856800	-	1	-		EPA
1	01888100	-	-	1		NON EPA
3	-----	-	-	-		
4	05070601	1	1	1		5,3 mm s. 95125802
5	-----	-	-	-		
8	50436400	0... 1	0... 1	0... 1		1,00 mm
9	50436500	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
28	-----	-	-	-		
29	-----	-	-	-		
30	-----	-	-	-		
31	50572400	1	-	-	P1	
31	50566700	-	1	-	P1	
31	50576700	-	-	1	P1	
32	-----	-	-	-		
33	05070500	1	1	1		
34	01322220	1	-	-		
34	01582910	-	1	1		
35	01330801	1	1	1		
36	04096300	0... 1	0... 1	0... 1		0,2 mm
37	04096400	0... 1	0... 1	0... 1		0,3 mm
38	04096500	0... 1	0... 1	0... 1		0,4 mm
39	04096600	0... 1	0... 1	0... 1		0,5 mm
40	04096700	0... 1	0... 1	0... 1		0,6 mm
41	-----	-	-	-		
42	04165200	1	1	1		8
43	-----	-	-	-		

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

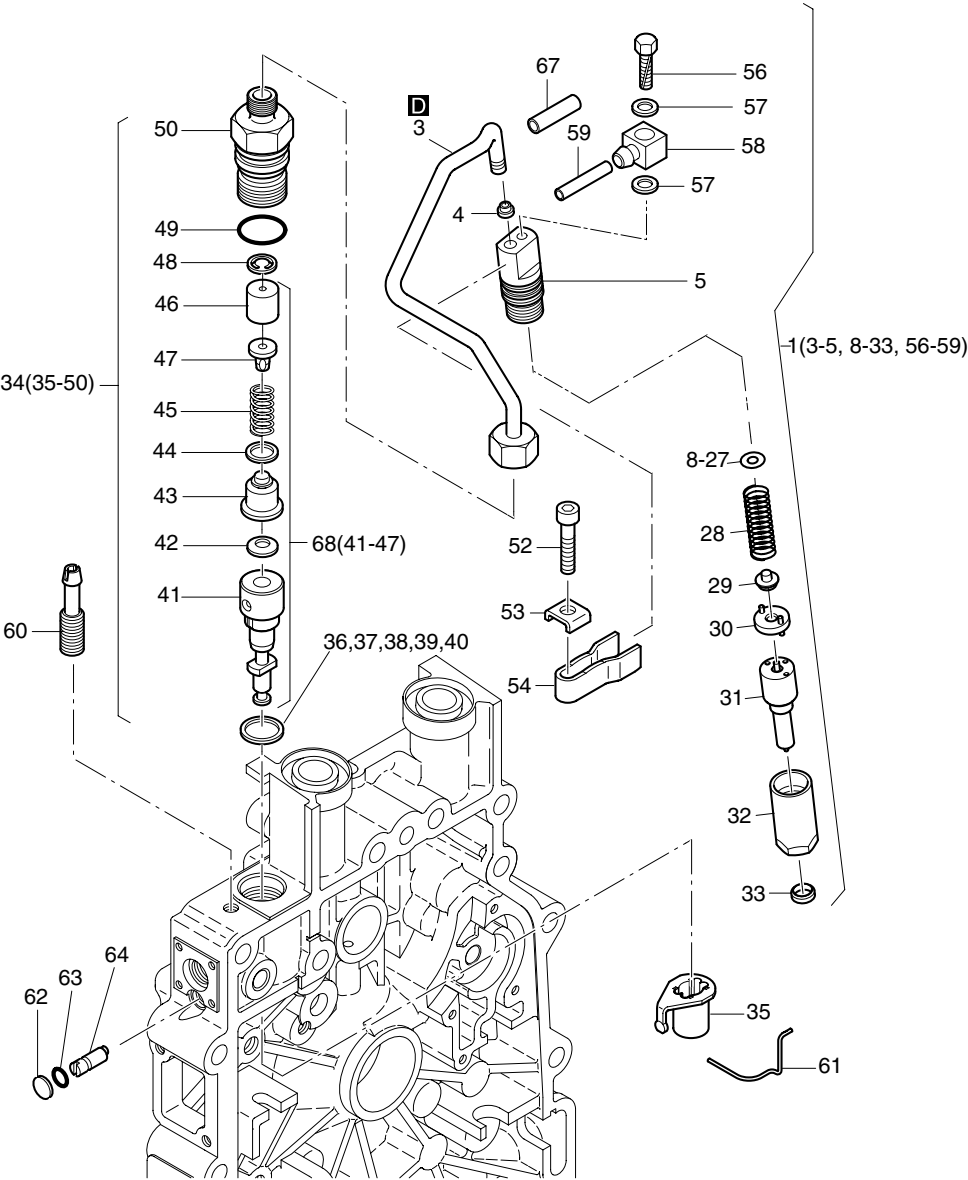


Fig.- No.	HATZ Ident-No.	Stck Qty.			P / W d / D	Bemerkungen Notes
		1B20V NON EPA	1B30V EPA II	1B30V NON EPA		
44	50476900	1	1	1		9,5 x 13 x 0,5
45	-----	-	-	-		
46	-----	-	-	-		
47	-----	-	-	-		
48	05180800	1	1	1		
49	50489200	1	1	1		17 x 2
50	05181100	1	1	1		
52	50323900	1	1	1		M 6 x 30 DIN 912-8.8 A3C
53	50893300	1	1	1		6,4
54	05056700	1	1	1		
56	50464500	1	1	1		AM 4 x 16 DIN 7513 St. Zn
57	50110800	2	2	2		A4 x 8 DIN 7603-Cu
58	05129000	1	1	1		
59	05130300	1	1	1		2,5 x 295
60	05084201	1	1	1		
61	04161800	1	1	1		
62	50476000	1	1	1		8 DIN 470 Al
63	50330100	1	1	1		4 x 1,2
64	04097710	1	1	1		
67	05252200	1	1	1		245mm ø 7 mm
68	01828310	1	-	-		NON EPA
68	01828410	-	1	1		

M15

Reversierstarter
Recoil starter
Demarreur reversible
Arrancador reversible
Avviamento a strappo

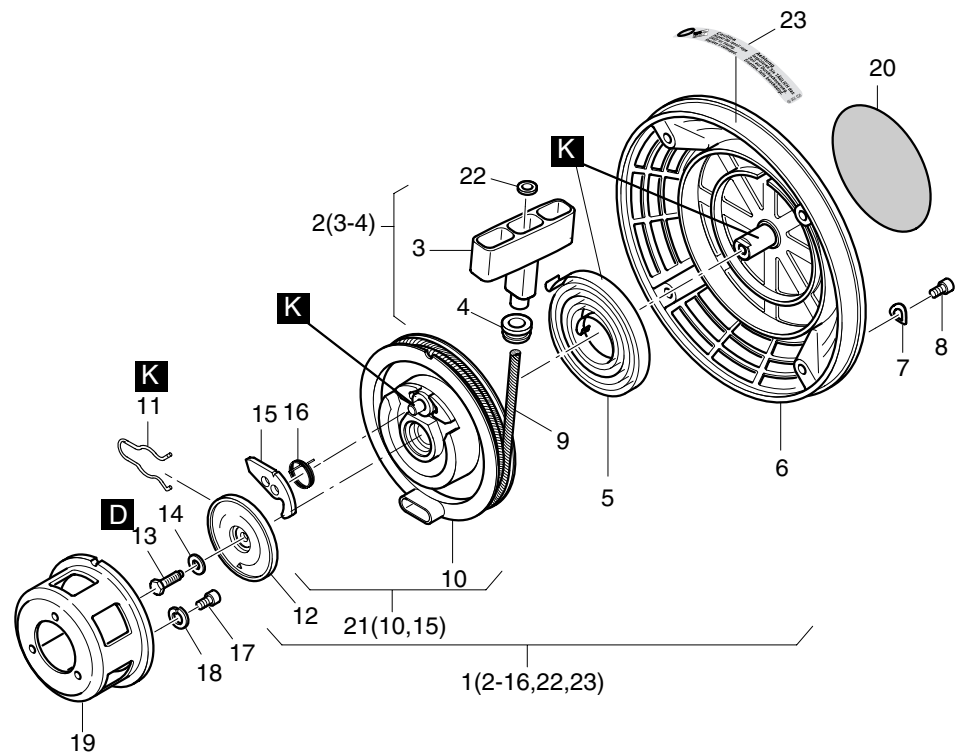


Fig.- No.	HATZ Ident-No.	Stück Qty.			P / W d / D	Bemerkungen Notes
		1B20V NON EPA	1B30V EPA II	1B30V NON EPA		
1	01865200	1	1	1		
2	01497800	1	1	1		
3	-----	-	-	-		
4	03665200	1	1	1		
5	05045201	1	1	1		
6	01569300	1	1	1		
7	50081200	4	4	4		A 6 DIN 137 - A3C
8	50062700	4	4	4		M 6 x 10 DIN 912 - 8.8 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	3		M 6 x 10 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		

M26a

Luftführung - 1B20V
 Air ducting - 1B20V
 Carter ventilation - 1B20V
 Conducción de aire - 1B20V
 Carter ventilatore - 1B20V

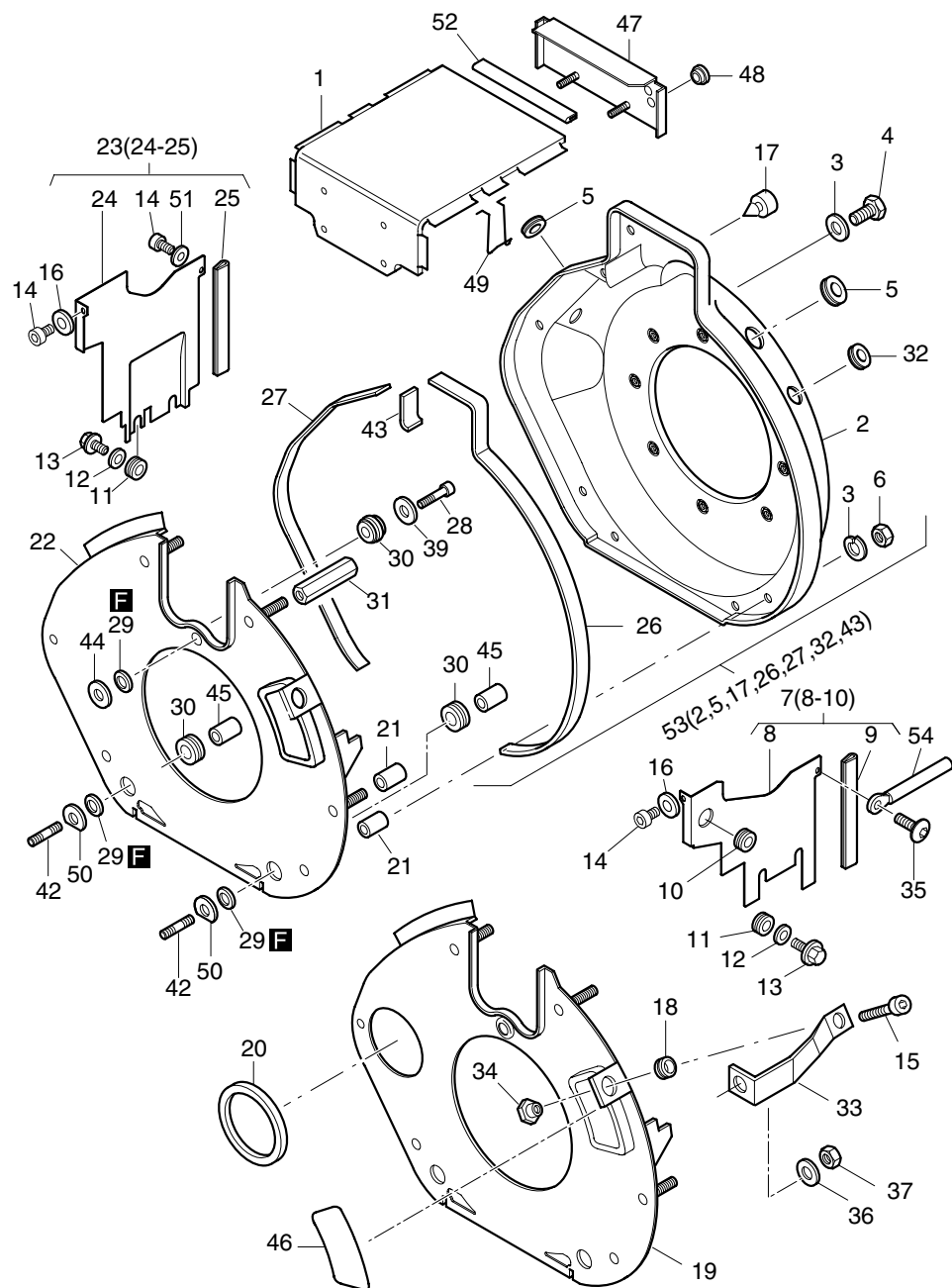


Fig.- No.	HATZ Ident-No.	Stück Qty.	P / W d / D	Bemerkungen Notes
1B20V NON EPA				
1	01533504	1		
2	-----	-		
3	50170900	7		6 DIN 128 - A3C
4	50146300	1		M 6 x 18 DIN 933-8.8 A3C
5	50461700	2		
6	50144400	6		M 6 DIN 934 - 8 A3C
7	01316600	1		
8	-----	-		
9	04097600	1		107 mm
10	50334800	1		
11	50163801	4		
12	50441600	3		4,3 DIN 9021 - A3C 140HV
13	50445401	3		M 4 x 10 ST A3C
14	50528100	3		M6x16DIN6912-8.8A3C KL360G
15	50170700	1		M 6 x 16 DIN 912-8.8 A3C
16	50144500	2		6,4 DIN 125-St A3C
17	50392610	0...2		
18	50392800	1		
19	01607011	1		E-Start
20	04099500	1		
21	04139000	5		6,5 x 12 x 18
22	01607111	1		
23	01316500	1		
24	-----	-		
25	04097600	1		107 mm
26	04124500	1		470 mm
27	04124600	1		388 mm
28	50170800	1		M 6 x 25 DIN 912 - 8.8 A3C
29	03575500	3		
30	01378300	3		
31	04124400	1		57 mm

M26a

Luftführung - 1B20V
Air ducting - 1B20V
Carter ventilation - 1B20V
Conducción de aire - 1B20V
Carter ventilatore - 1B20V

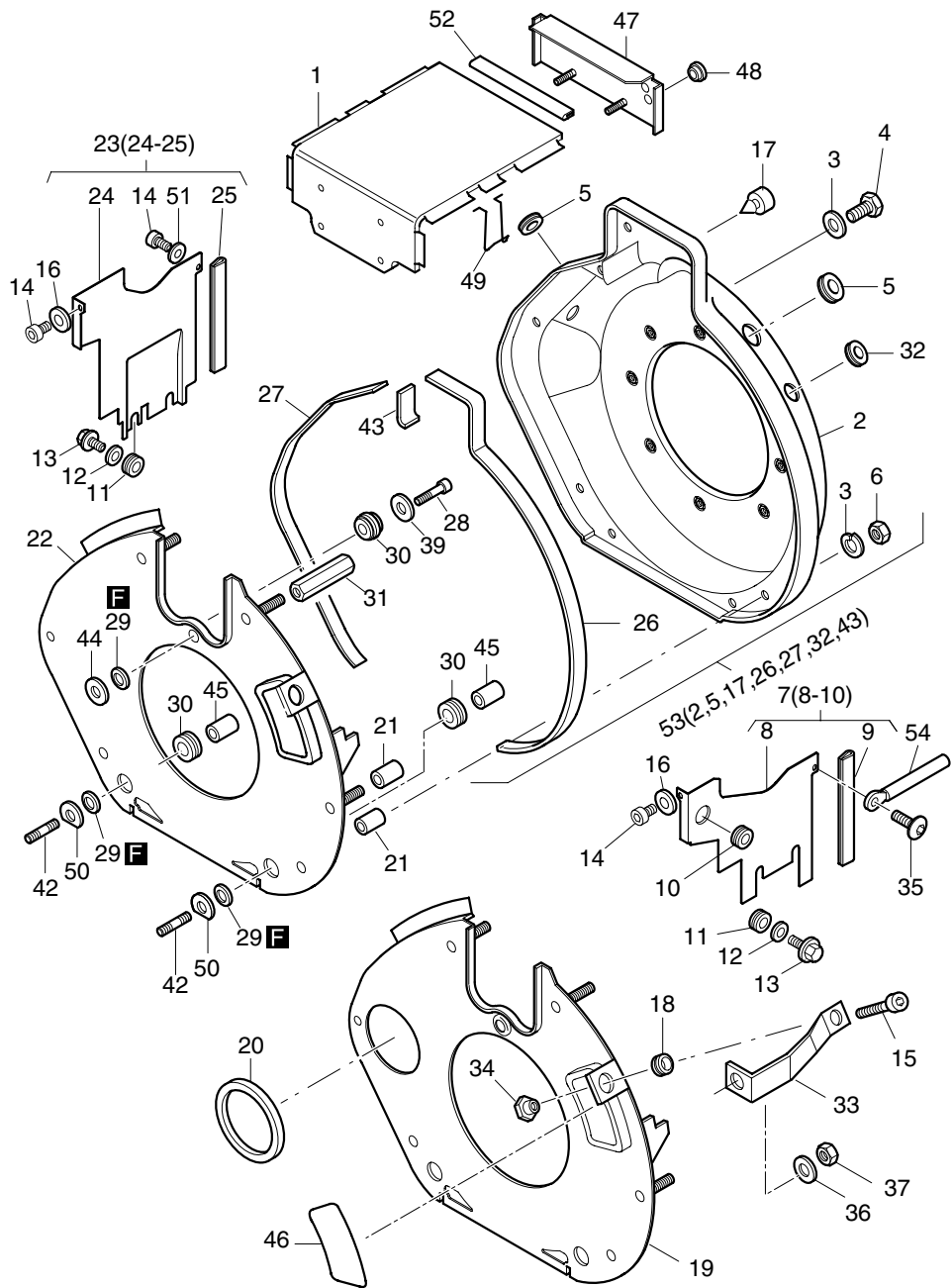


Fig.- No.	HATZ Ident-No.	Stück Qty.	P / W d / D	Bemerkungen Notes
1B20V NON EPA				
32	50453300	1		
33	01599500	1		
34	04123200	1		
35	50495000	1		M 6
36	50095100	1		M 6 x 12 DIN 7380-10.9 A3C
37	50344700	1		A 8 DIN 137 A3C
39	50170900	1		M 8 DIN 936 - 5 A3C
42	50458100	2		6 DIN 128 - A3C
43	05007300	1		M 6 x 45 DIN 835 - 8.8 A3C
44	04042000	1		48 mm
45	04139000	2		6,5 x 22,5 x 1
46	04215100	0... 1		6,5 x 12 x 18
47	01579300	1		
48	50334800	2		
49	05144100	1		
50	04145300	2		
51	04060600	1		6,4 x 16 x 1,5 A3C
52	05143400	1		106mm
53	01831100	1		
54	05001200	1		

M26b

Luftführung - 1B30V
Air ducting - 1B30V
Carter ventilation - 1B30V
Conducción de aire - 1B30V
Carter ventilatore - 1B30V

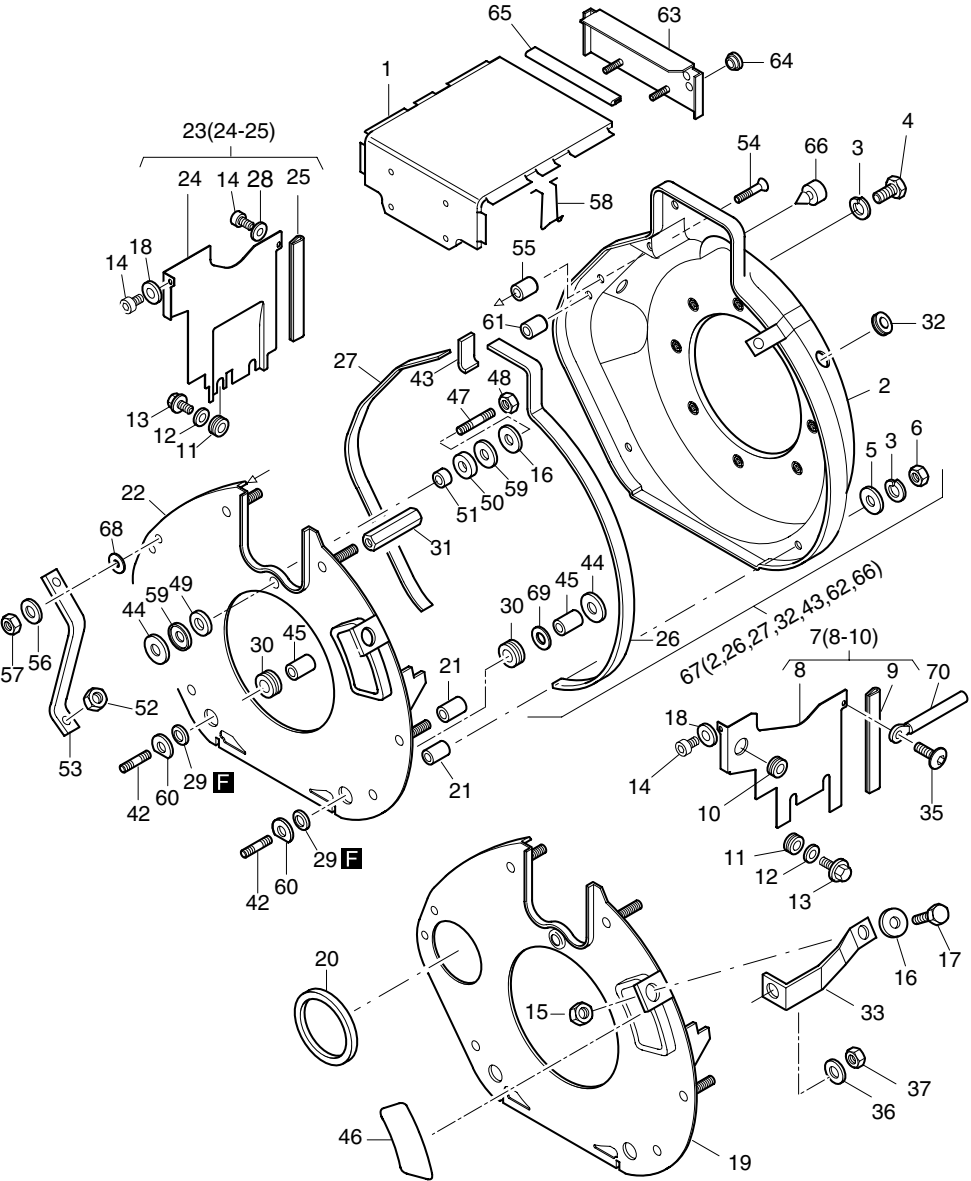


Fig.- No.	HATZ Ident-No.	Stück Qty.		P / W d / D	Bemerkungen Notes
		1B30V EPA II	1B30V NON EPA		
1	01551401	1	1		
2	-----	-	-		
3	50170900	7	7		6 DIN 128 - A3C
4	50146300	1	1		M 6 x 18 DIN 933-8.8 A3C
5	50120000	2	2		A 6,4 DIN 9021-St A3C
6	50144400	6	6		M 6 DIN 934 - 8 A3C
7	01326300	1	1		
8	-----	-	-		
9	05128900	1	1		80 mm
10	50334800	1	1		
11	50163801	3	3		
12	50441600	3	3		4,3 DIN 9021 - A3C 140HV
13	50445401	3	3		M 4 x 10 ST A3C
14	50528100	3	3		M6x16DIN6912-8.8A3C KL360G
15	50144400	1	1		M 6 DIN 934 - 8 A3C
16	50114300	2	2		6,4 x 17 x 3 DIN 7349 A3C
17	50177100	1	1		M 6 x 16 DIN 933-8.8 A3C
18	50144500	2	2		6,4 DIN 125-St A3C
19	01326810	1	1		E-Start
20	04099500	1	1		
21	05197500	4	4		6,5 x 12 x 20
22	01326710	1	1		
23	01326200	1	1		
24	-----	-	-		
25	04111500	1	1		119 mm
26	04151900	1	1		510mm
27	04151900	1	1		510mm
28	04060600	1	1		6,4 x 16 x 1,5 A3C
29	03575500	2	2		
30	01378300	2	2		
31	05198100	1	1		59 mm

Luftführung - 1B30V
 Air ducting - 1B30V
 Carter ventilation - 1B30V
 Conducción de aire - 1B30V
 Carter ventilatore - 1B30V

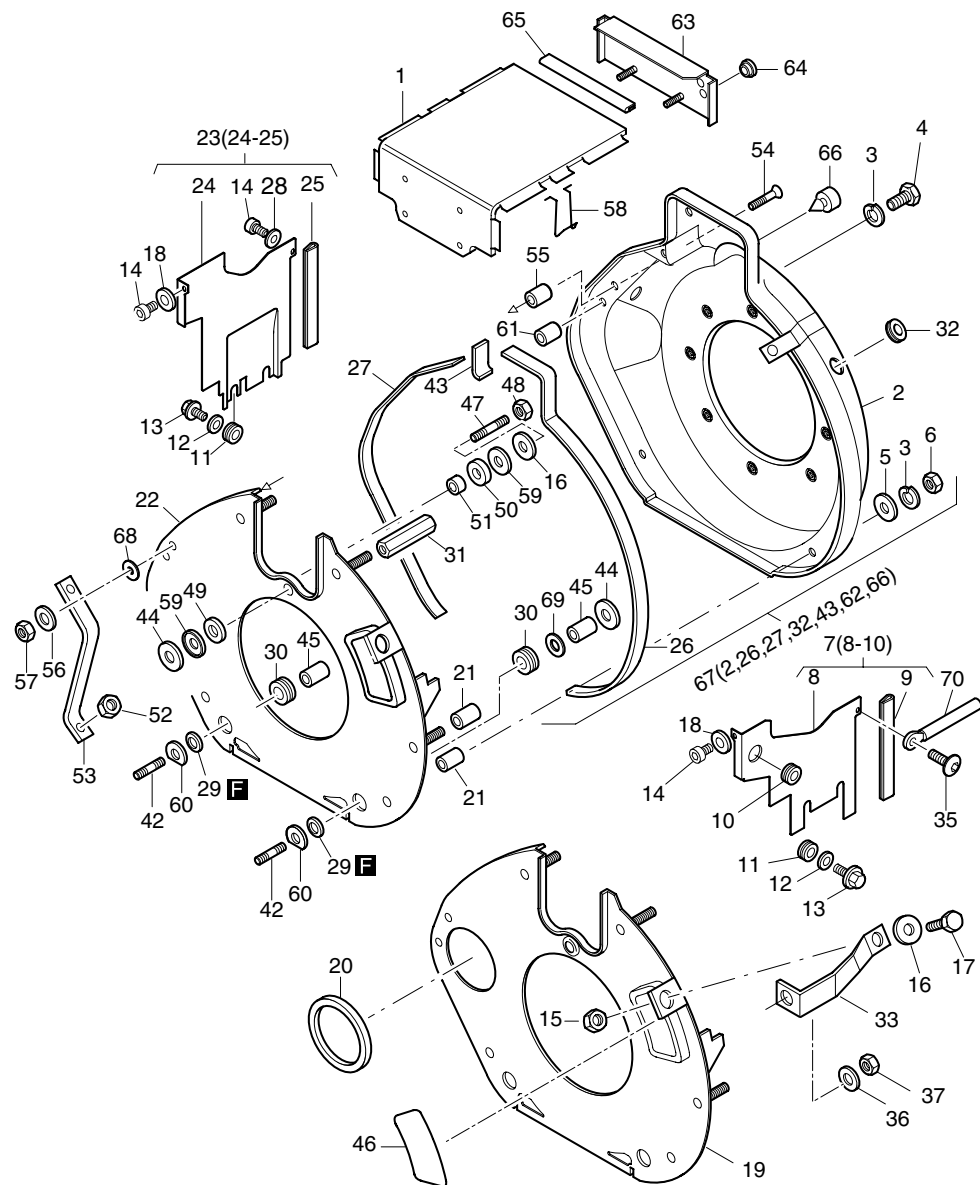


Fig.- No.	HATZ Ident-No.	Stück Qty.	P / W d / D	Bemerkungen Notes
		1B30V EPA II	1B30V NON EPA	
32	50453300	1	1	
33	01599610	1	1	
35	50495000	1	1	M 6 x 12 DIN 7380-10.9 A3C
36	50095100	1	1	A 8 DIN 137 A3C
37	50344700	1	1	M 8 DIN 936 - 5 A3C
42	50458100	2	2	M 6 x 45 DIN 835 - 8.8 A3C
43	05198200	1	1	48 mm
44	04042000	3	3	6,5 x 22,5 x 1
45	04098400	2	2	7 x 12 x 16,3
46	04215000	0... 1	0... 1	
47	50464401	1	1	M 6 x 35 DIN 939- 8.8 A3C Tuf.
48	50328300	1	1	VM 6 DIN 980-8 A3C
49	05133800	1	1	16 x 25 x 4
50	05133900	1	1	16 x 25 x 8
51	05132700	1	1	6,5 x 17 x 11,5
52	50148000	1	1	M 8 DIN 934-8 A3C
53	05133001	1	1	
54	50445000	1	1	M 6 x 35 DIN 7991 - 8.8 A3C
55	05132810	1	1	7 x 12 x 18,3
56	50170900	1	1	6 DIN 128 - A3C
57	50144400	1	1	M 6 DIN 934 - 8 A3C
58	05145800	1	1	
59	05097600	2	2	8,5 - 27
60	04145300	2	2	
61	04139000	1	1	6,5 x 12 x 18
63	01603500	1	1	
64	50334800	2	2	
65	05219000	1	1	118mm
66	50392610	0... 4	0... 4	
67	01831400	1	1	
68	50120000	0... 1	0... 1	A 6,4 DIN 9021-St A3C
69	50144500	0... 2	0... 2	6,4 DIN 125-St A3C
70	05001200	1	1	

Kurbelgehäuseentlüftung - 1B20V
Crankcase breathing system - 1B20V
Reniflard - 1B20V
Purgador - 1B20V
Sfiato basamento - 1B20V

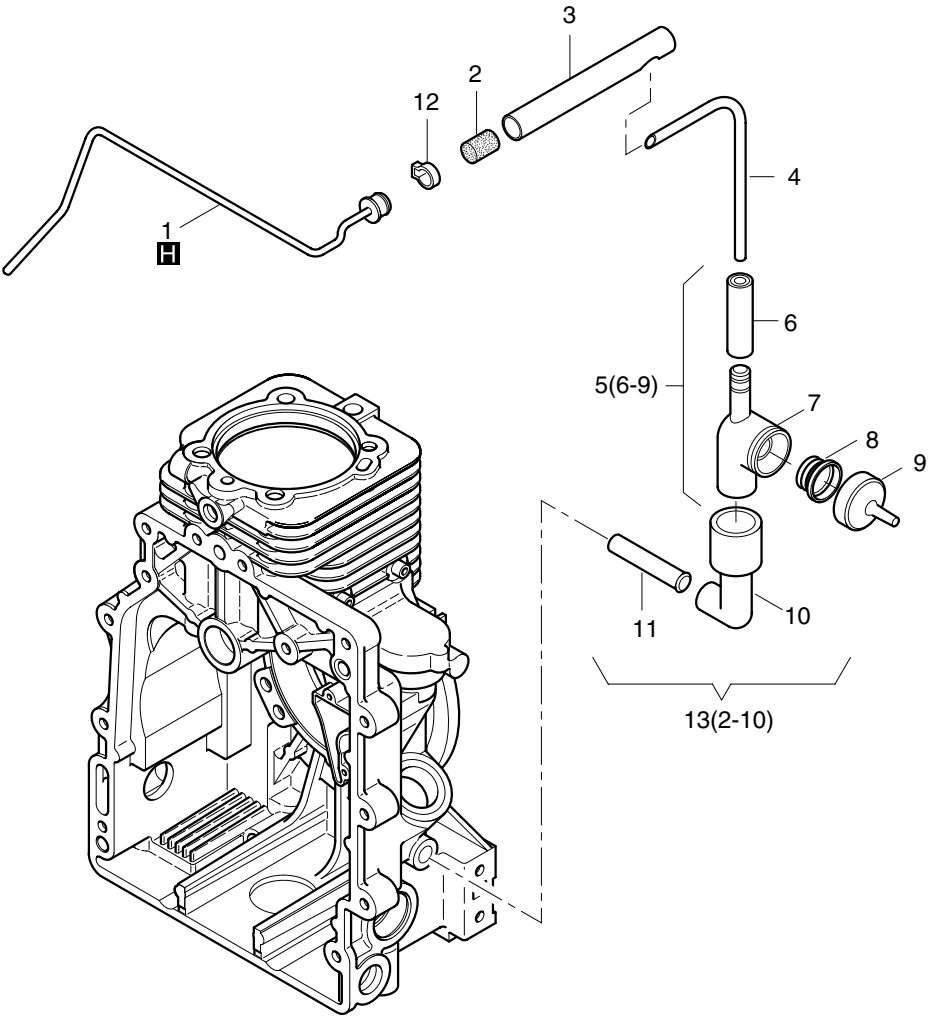


Fig.- No.	HATZ Ident-No.	Stück Qty.	P / W d / D	Bemerkungen Notes
1B20V NON EPA				
1	01339100	1		
2	05102900	1		Filter, Filtre, Filtro
3	04139600	1		
4	04178900	1		
5	01339600	1		
6	01339000	1		
7	-----	-		
8	03568701	1		
9	03568600	1		
10	04136100	1		
11	-----	-		
12	50456800	1		
13	01339700	1		

M31b

Kurbelgehäuseentlüftung - 1B30V
Crankcase breathing system - 1B30V
Reniflard - 1B30V
Purgador - 1B30V
Sfiato basamento - 1B30V

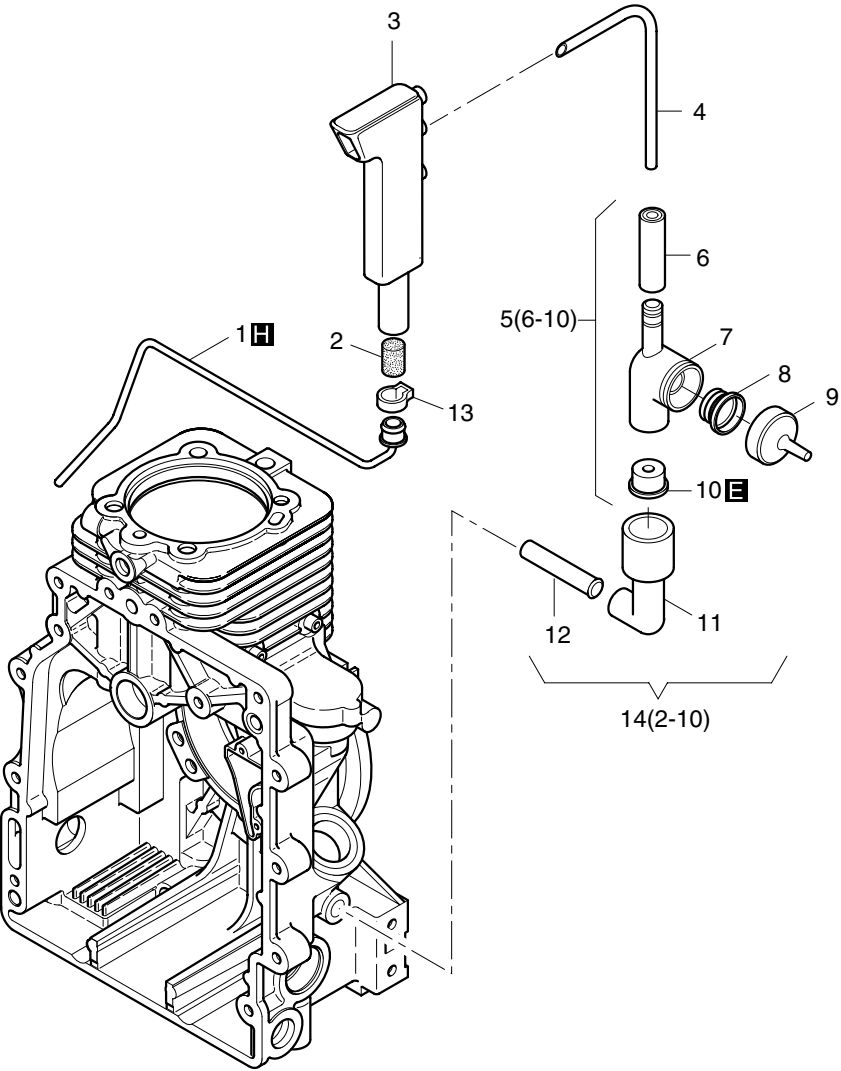


Fig.- No.	HATZ Ident-No.	Stück Qty.		P / W d / D	Bemerkungen Notes
		1B30V EPA II	1B30V NON EPA		
1	01339100	1	1		
2	05102900	1	1		Filter, Filtre, Filtro
3	04170800	1	1		
4	04178900	1	1		
5	01354100	1	1		
6	01339000	1	1		
7	-----	-	-		
8	03568701	1	1		
9	03568600	1	1		
10	04178800	1	1		
11	04136100	1	1		
12	-----	-	-		
13	50456800	1	1		
14	01931000	1	1		

Kraftstoff
Fuel
Carburant
Combustible
Serbatoio

51

Kraftstoff
Fuel
Carburant
Combustible
Serbatoio

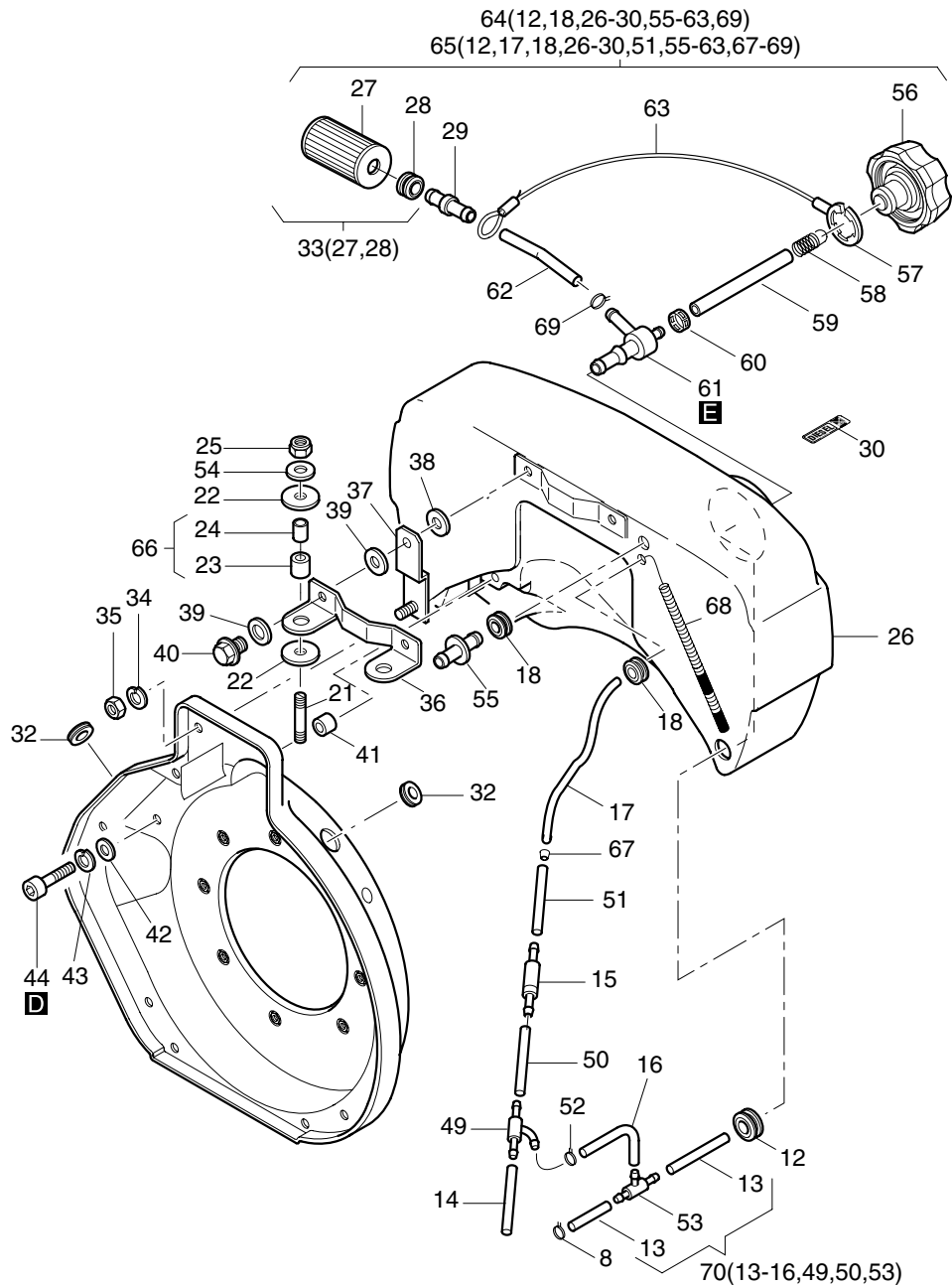


Fig.- No.	HATZ Ident-No.	Stück Qty.			P / W d / D	Bemerkungen Notes
		1B20V NON EPA	1B30V EPA II	1B30V NON EPA		
53	50459600	1	1	1		
54	50148100	2	2	2		8,4 DIN 125-St A3C
55	05129610	1	1	1		
56	01620302	1	1	1		
57	50480000	1	1	1		20 x 1 DIN 984
58	50479200	1	1	1		
59	05160100	1	-	-		2,5 x 165
59	05176400	-	1	1		2,5 X 210
60	50480100	1	1	1		
61	01623910	1	1	1		
62	03493510	1	-	-		7 x 200
62	03493200	-	1	1		7 x 280 mm
63	01628900	1	1	1		~440mm
64	01624210	1	-	-		3l
65	01701810	-	1	1		5l
66	01655800	2	2	2		
67	05126500	-	1	1		
68	01648500	-	1	1		160mm
69	50511201	1	1	1		14,5
70	01579100	1	1	1		

Luftfilter
Air filter
Filtre à air
Filtro de aire
Filtro aria

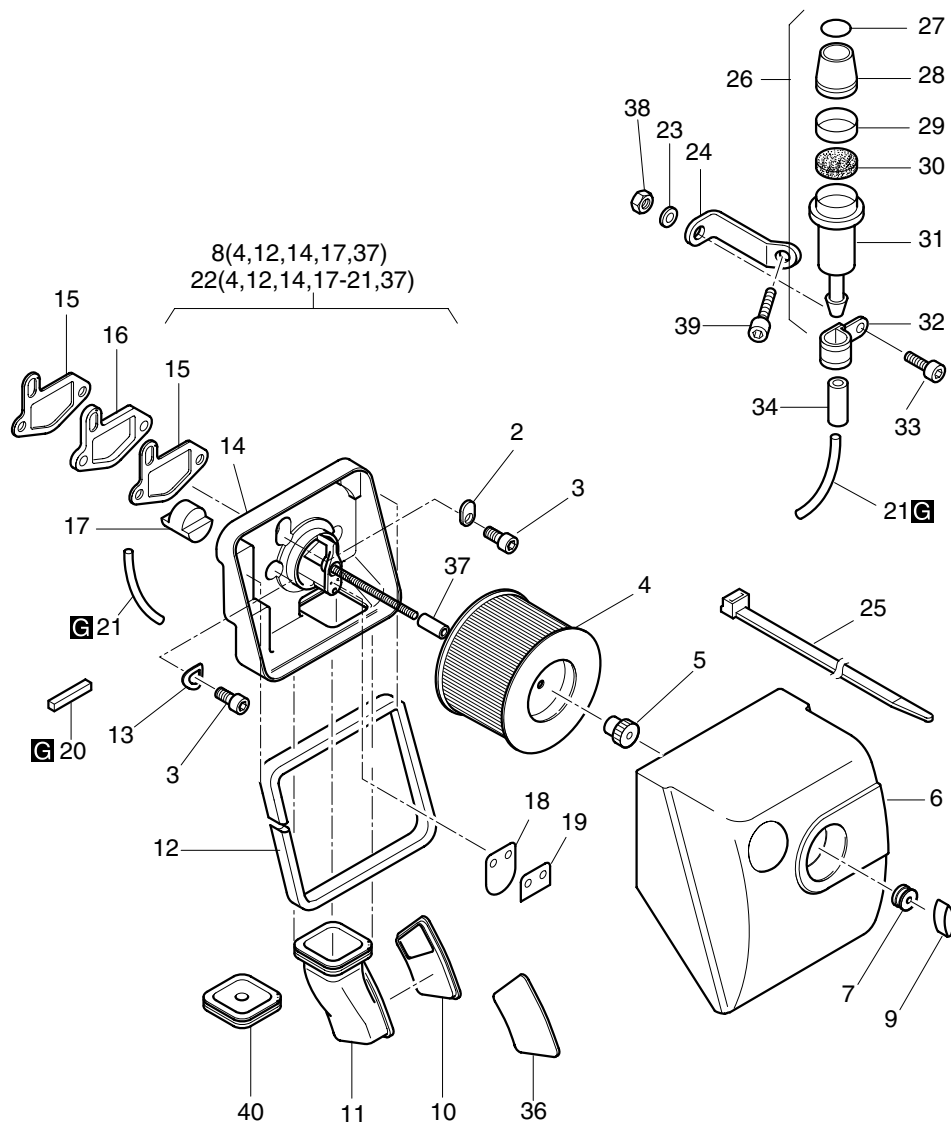


Fig.- No.	HATZ Ident-No.	Stück Qty.			P / W d / D	Bemerkungen Notes
		1B20V NON EPA	1B30V EPA II	1B30V NON EPA		
2	05056400	1	1	1		
3	50171500	3	3	3		M 8 x 25 DIN 912-8.8 A3C
4	50426000	1	1	1	W2	
5	50454300	1	1	1		M 6
6	01699101	1	-	-		
6	01699301	-	1	1		
7	50435800	1	1	1		
8	01607901	1	1	1		
9	50452200	1	1	1		M 6
10	04104200	0... 1	-	-		
10	04116600	-	0... 1	0... 1		
11	04103000	0... 1	-	-		
11	04116501	-	0... 1	0... 1		
12	05216100	1	1	1		545 mm
13	50095100	2	2	2		A 8 DIN 137 A3C
14	-----	-	-	-		
15	05056300	2	2	2	d2	
16	01600300	1	1	1		
17	05098100	1	1	1		
18	05147100	1	-	-		(schwarz, black, noir)
19	05147200	1	-	-		(rot, red, rouge)
20	05175000	1	-	-		14 x 9 x 30
21	05044610	1	-	-		2 x 4 x 135
22	01630201	1	1	1		f. Pos 26
23	50170900	1	-	-		6 DIN 128 - A3C
24	05164600	1	-	-		
25	50358400	1	-	-		200 x 4,8 mm
26	01499801	1	-	-		(Pos 27-31)
27	05044501	1	-	-		
28	05043601	1	-	-		
29	05045600	1	-	-		(grün, green, vert, verde)
30	05137200	1	-	-		Filter, Filtre, Filtro ø 20 mm
31	05043700	1	-	-		
32	50173500	1	-	-		10 / 15
33	50170700	1	-	-		M 6 x 16 DIN 912-8.8 A3C
34	03917700	1	-	-		3,5 x 140
36	04215100	0... 1	-	-		
36	04215000	-	0... 1	0... 1		
37	05166200	1	1	1		32 mm
38	50144400	1	-	-		M 6 DIN 934 - 8 A3C
39	50170600	1	-	-		M 6 x 20 DIN 912-8.8 A3C
40	05056500	0... 1	0... 1	0... 1		

A03a

Abgasdämpfer - 1B20V
Exhaust silencer - 1B20V
Silencieux - 1B20V
Silenciador - 1B20V
Marmitta - 1B20V

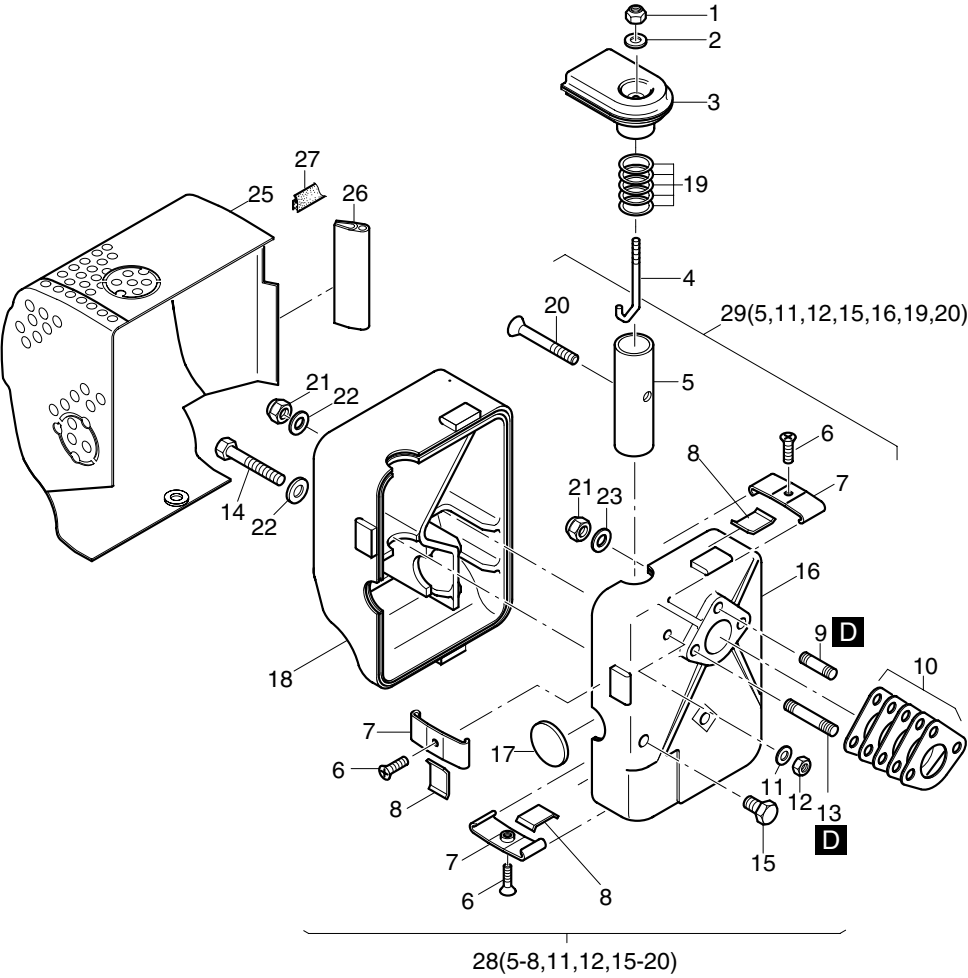


Fig.- No.	HATZ Ident-No.	Stück Qty.	P / W d / D	Bemerkungen Notes
1B20V NON EPA				
1	40028300	1		VM 6 DIN 980 C3P
2	50144500	1		6,4 DIN 125-St A3C
3	01531314	1		
4	05081101	1		M 6
5	05081410	1		
6	50422500	3		M 6 x 12 DIN 7991 - 8.8 A3C
7	01531201	3		
8	05081611	3		
9	50128100	2		M 8 x 30 DIN 835 - 10.9 A3C
10	01732500	1	d1	
11	50144500	1		6,4 DIN 125-St A3C
12	40028300	1		VM 6 DIN 980 C3P
13	50039500	1		M 8 x 110 DIN 835-8.8 A3C
14	50028800	1		M 8 x 90 DIN 931 - 8.8 A3C
15	50450500	1		M 8 x 12 DIN 7500 - D A3A
16	-----	-		
17	05081002	1		
18	-----	-		
19	05127000	5		28,1 x 34 x 0,5
20	50445000	1		M 6 x 35 DIN 7991 - 8.8 A3C
21	40028400	3		VM 8 DIN 980-8 C3A
22	50148100	2		8,4 DIN 125-St A3C
23	04054300	2		8,4 x 21 x 3
25	01532301	1		
26	05100300	1		65 mm
27	05135000	1		33 mm
28	01531105	1		
29	01597700	1		

A03b

Abgasdämpfer - 1B30V
Exhaust silencer - 1B30V
Silencieux - 1B30V
Silenciador - 1B30V
Marmitta - 1B30V

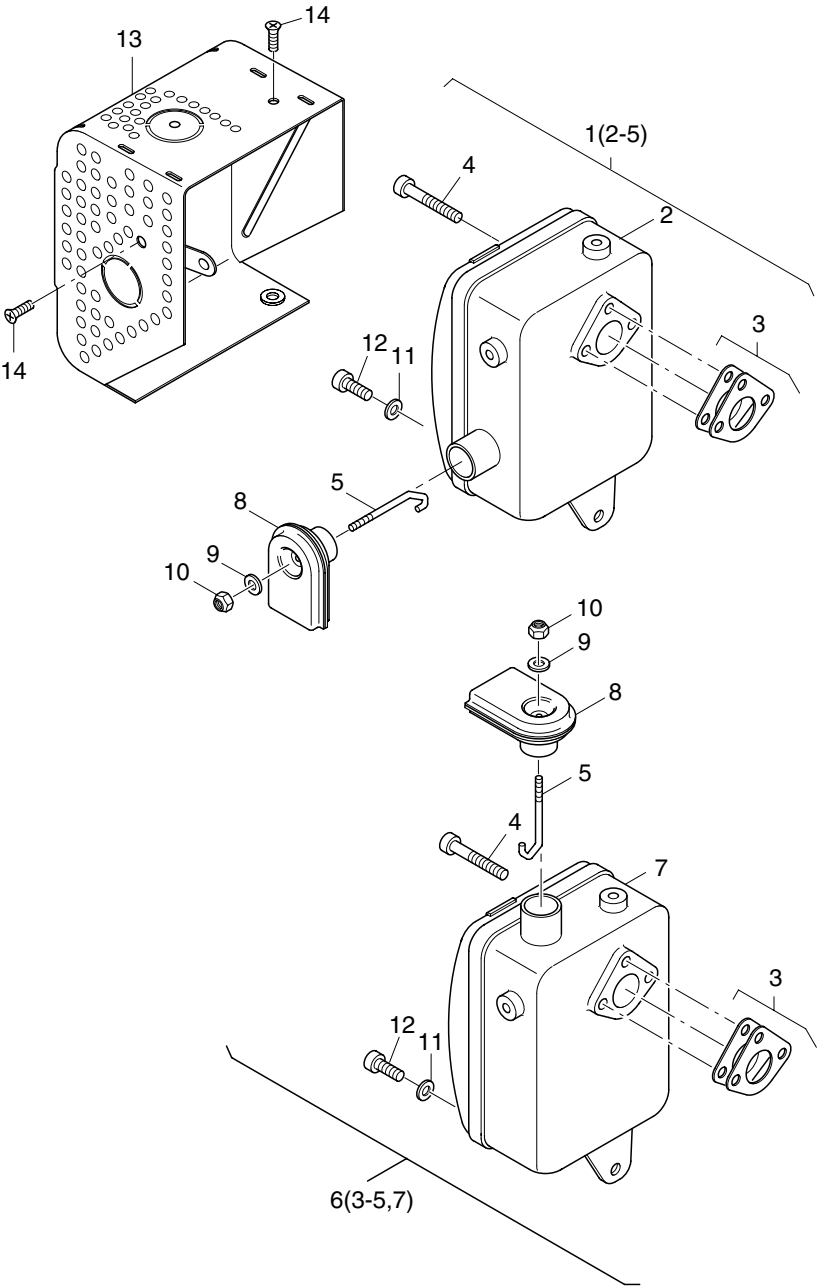


Fig.- No.	HATZ Ident-No.	Stück Qty.		P / W d / D	Bemerkungen Notes
		1B30V EPA II	1B30V NON EPA		
1	01685810	1	1		
2	-----	-	-		
3	01732601	1	1	d1	
4	50403900	3	3		M 8 x 25 DIN 912-8.8 C4P
5	05177900	1	1		M 6
6	01712610	1	1		
7	-----	-	-		
8	01531314	1	1		
9	50144500	1	1		6,4 DIN 125-St A3C
10	40028300	1	1		VM 6 DIN 980 C3P
11	50114300	1	1		6,4 x 17 x 3 DIN 7349 A3C
12	50474200	1	1		M6x16 DIN912-8.8 A3C Tuf.360
13	01645703	1	1		
14	50422500	2	2		M 6 x 12 DIN 7991 - 8.8 A3C

A05a

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

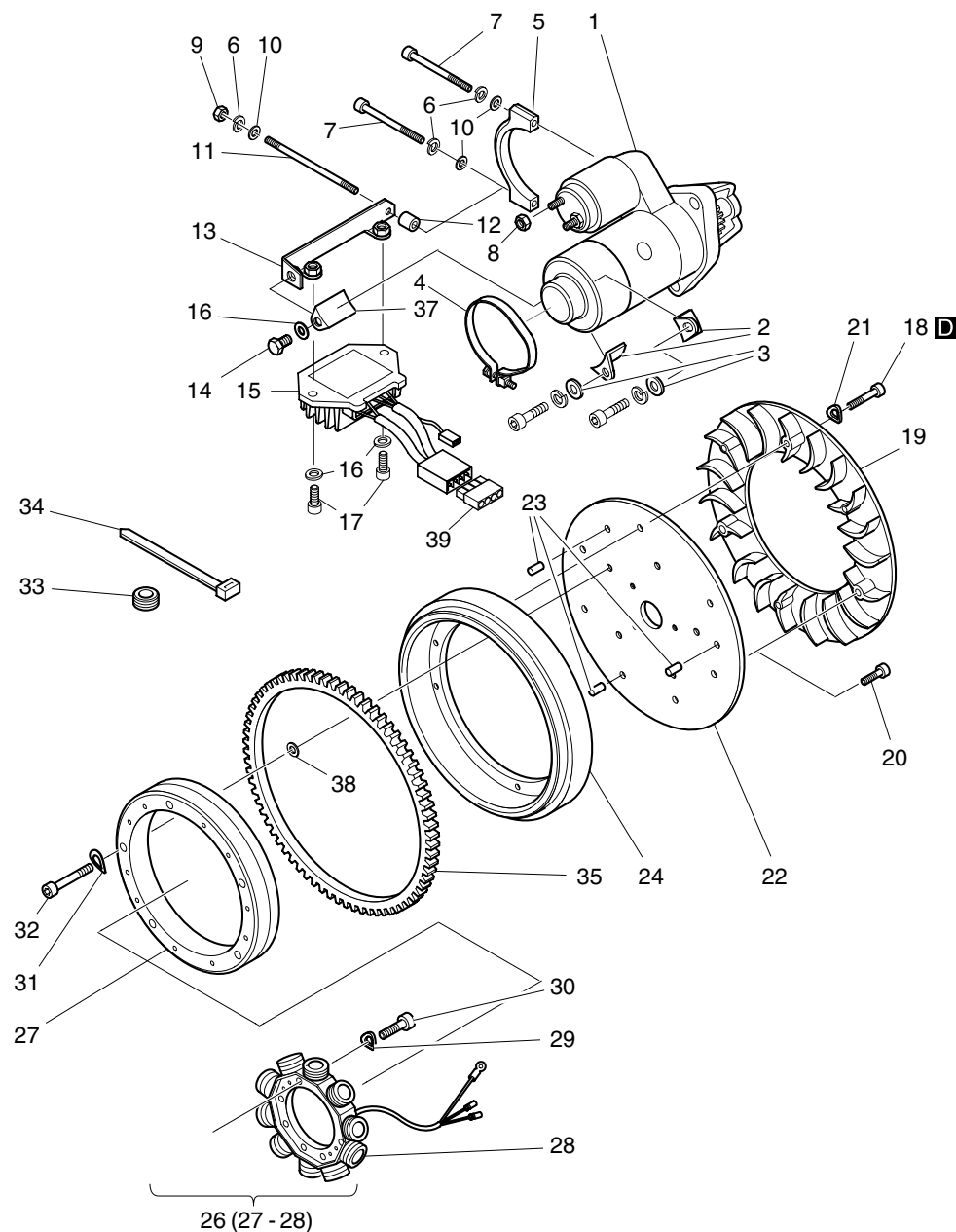


Fig.- No.	HATZ Ident-No.	Stück Qty.			P / W d / D	Bemerkungen Notes
		1B20V NON EPA	1B30V EPA II	1B30V NON EPA		
1	01723400	1	1	1		12 V - 1,0 kW
1	50483300	1	1	1		24 V - 1,6 kW
2	04138400	2	2	2		
3	50148100	2	2	2		8,4 DIN 125-St A3C
4	50529800	1	1	1		
5	04099100	1	1	1		
6	50170900	2	2	2		6 DIN 128 - A3C
7	50444300	2	2	2		M 6 x 80 DIN 912 - 8.8 A3C
8	50344700	1	1	1		M 8 DIN 936 - 5 A3C
9	50144400	1	1	1		M 6 DIN 934 - 8 A3C
10	50144500	2	2	2		6,4 DIN 125-St A3C
11	50455900	1	1	1		MFS 6x90 DIN 949 - 1 8.8 A3C
12	03671400	1	1	1		7 x 12 x 15
13	01560900	1	1	1		
14	50096200	1	1	1		M 8 x 12 DIN 933 - 8.8 A3C
15	01871000	1	1	1		12V
15	01871100	1	1	1		24V
16	50148100	3	3	3		8,4 DIN 125-St A3C
17	50183000	2	2	2		M 8 x 35 DIN 912-8.8 A3C
18	50327300	6	6	6		M 4 x 20 DIN 912 - 8.8 A3C
19	04193700	1	-	-		
19	04193600	-	1	1		
20	50416800	3	3	3		M 6 x 16 DIN 912 - 8.8 A3C Tuf.
21	50003400	6	6	6		A 4 DIN 137 - ST
22	04098720	1	1	1		
23	50035200	3	3	3		6 x 12 ISO 8752-ST
24	04098230	1	-	-		
24	04110120	-	1	1		
26	01925900	1	1	1		12 V
26	01926000	1	1	1		24 V / 12V o. BATT.
27	-----	-	-	-		
28	-----	-	-	-		
29	50081900	4	4	4		A 5 DIN 137 A3C
30	50547000	4	4	4		M 5 x 25 DIN 912 - 8.8 A3C Tuf.
31	50081200	5	5	5		A 6 DIN 137 - A3C
32	50448700	5	5	5		M 6 x 30 DIN 6912-8.8 A3C
33	03565400	1	1	1		
34	50358400	3	3	3		200 x 4,8 mm
35	04098600	1	-	-		
35	04108000	-	1	1		
37	04138400	1	1	1		
38	50114300	5	5	5		6,4 x 17 x 3 DIN 7349 A3C
39	50402100	1	1	1		4-P.

A05b, A10

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

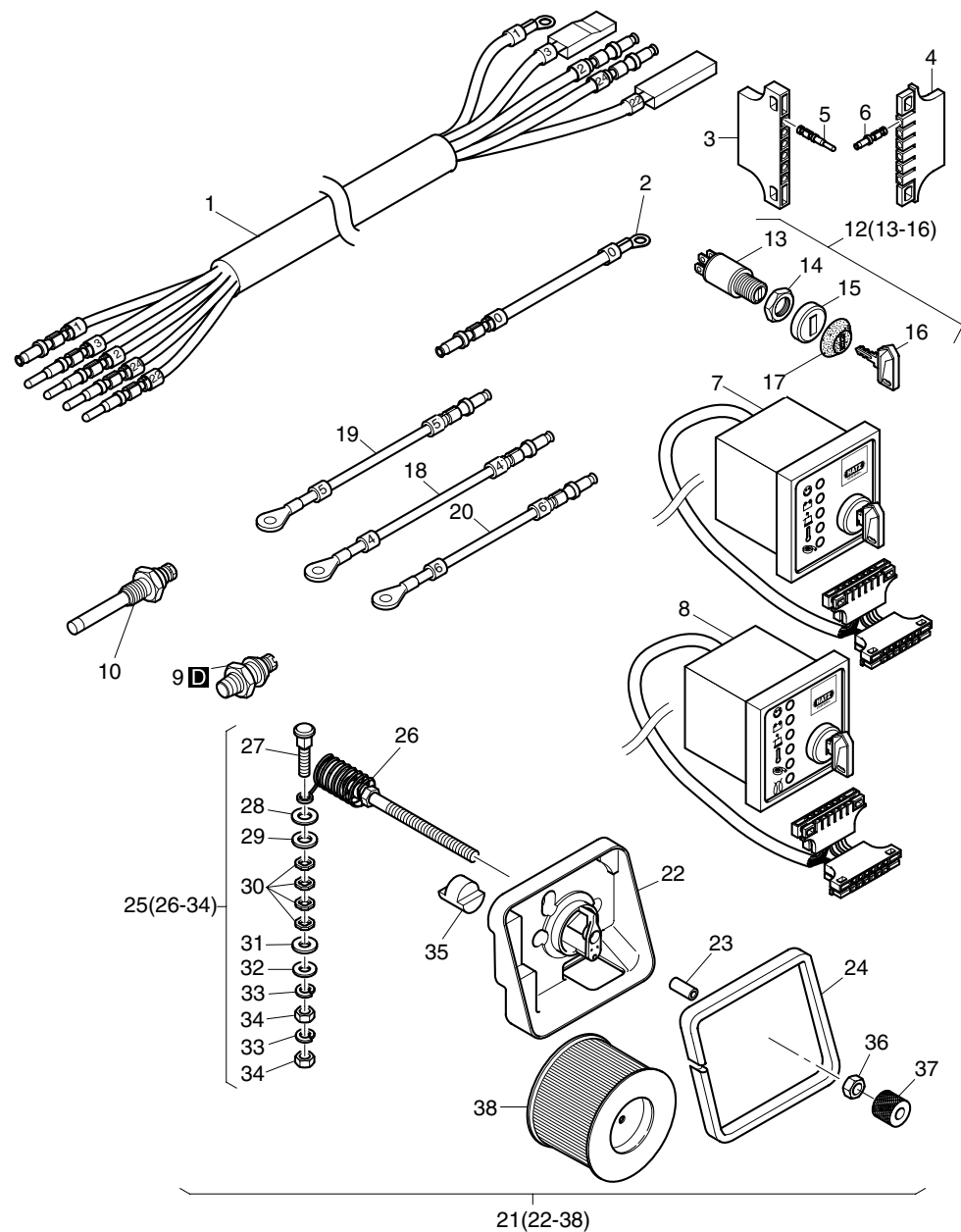


Fig.- No.	HATZ Ident-No.	Stück Qty.			P / W d / D	Bemerkungen Notes
		1B20V NON EPA	1B30V EPA II	1B30V NON EPA		
1	01542200	1	1	1		
2	01548300	1	1	1		(0)
3	50373600	1	1	1		
4	50373700	1	1	1		
5	50374100	5	5	5		0,5 - 1,0
6	50373900	6	6	6		1,5 - 2,5
7	01551802	1	1	1		12 V, A 1
8	01558901	1	1	1		12 V / 24 V, Aut.
9	40021300	1	-	-		12 - 24V Oil
9	50469100	-	1	1		0,3 - 0,6 OIL
10	50268600	1	1	1		TEMP. 12-24V
12	50384401	1	1	1		
13	-----	-	-	-		
14	-----	-	-	-		
15	-----	-	-	-		
16	50404900	1	1	1		Nr. 14644
17	05126402	1	1	1		
18	01548000	1	1	1		(4) 500 mm
19	01548100	1	1	1		(5) 470 mm
20	01715300	1	1	1		(6) 430 mm
21	01607810	1	1	1		12V
21	01745400	1	1	1		24V
22	-----	-	-	-		
23	04119200	1	1	1		6,5 x 13 x 15
24	05216100	1	1	1		545 mm
25	01755000	1	1	1		12V
25	01755100	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	05098100	1	1	1		
36	50144400	1	1	1		M 6 DIN 934 - 8 A3C
37	05149600	1	1	1		12 mm
38	50426000	1	1	1		

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

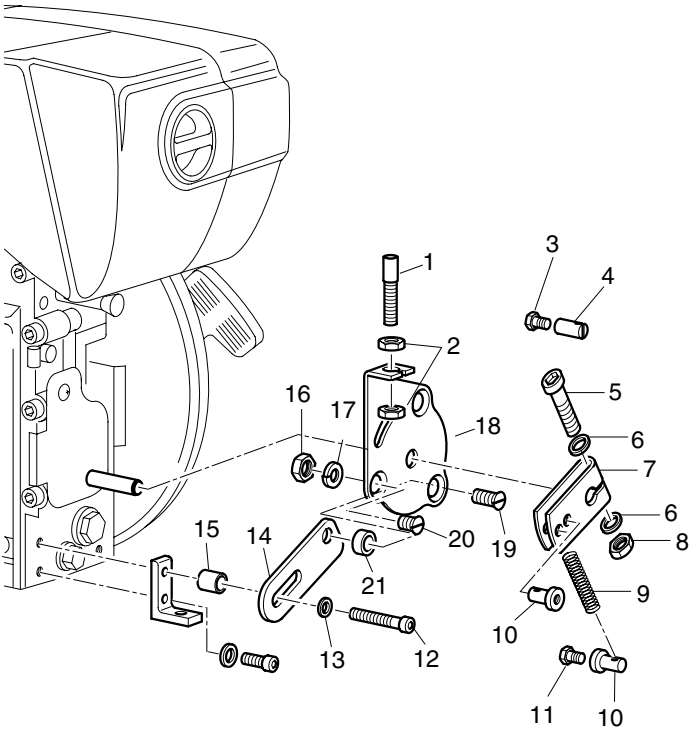


Fig.- No.	HATZ Ident-No.	Stück Qty.			P / W d / D	Bemerkungen Notes
		1B20V NON EPA	1B30V EPA II	1B30V NON EPA		
1	05141200	1	1	1		M 6
2	50144400	2	2	2		M 6 DIN 934 - 8 A3C
3	50025000	1	1	1		M 4 x 10 DIN 933-8.8 A3C
4	50483000	1	1	1		2,2 NR. 1120
5	50511900	1	1	1		M 5 x 30 DIN 912 - 8.8 A3C
6	50216300	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	50248800	1	1	1		M 8 x 60 DIN 912 - 8.8 A3C
13	50148100	1	1	1		8,4 DIN 125-St A3C
14	05117500	1	1	1		
15	04178500	1	1	1		9 x 14 x 27
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

A11a

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

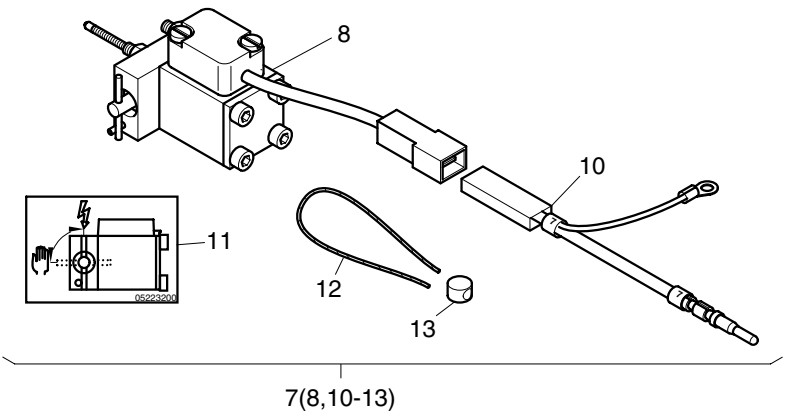
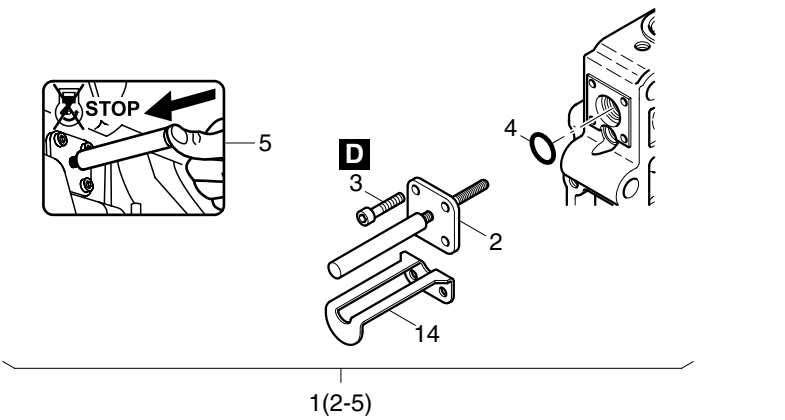


Fig.- No.	HATZ Ident-No.	Stück Qty.			P / W d / D	Bemerkungen Notes
		1B20V NON EPA	1B30V EPA II	1B30V NON EPA		
1	01786400	1	1	1		
2	-----	-	-	-		
3	50446900	4	4	4		M 4 x 16 DIN 912-8.8 A3C Tuf.
4	50329000	1	1	1		9,5 x 2,5
5	05221301	1	1	1		Hinweisschild
7	01786100	1	1	1		12V
7	01786300	1	1	1		24V
8	-----	-	-	-		
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		

A11b

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

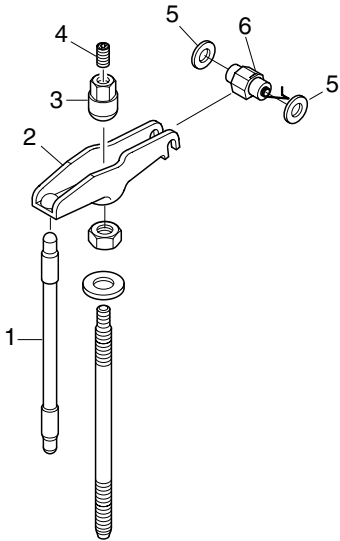


Fig.- No.	HATZ Ident-No.	Stück Qty.			P / W d / D	Bemerkungen Notes
		1B20V NON EPA	1B30V EPA II	1B30V NON EPA		
1	01374201	2	-	-		
1	01374101	-	2	2		
2	05283400	2	-	-		
2	05283500	-	2	2		
3	05054700	2	2	2		
4	50513100	2	2	2		
5	05240700	0... 4	0... 4	0... 4	W2	M 8 x 10 DIN 916 - 45 H
5	50445100	0... 4	0... 4	0... 4		6 x 12 x 1,35
6	01776000	2	2	2		6 x 12 x 1,2 DIN 988

A18

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

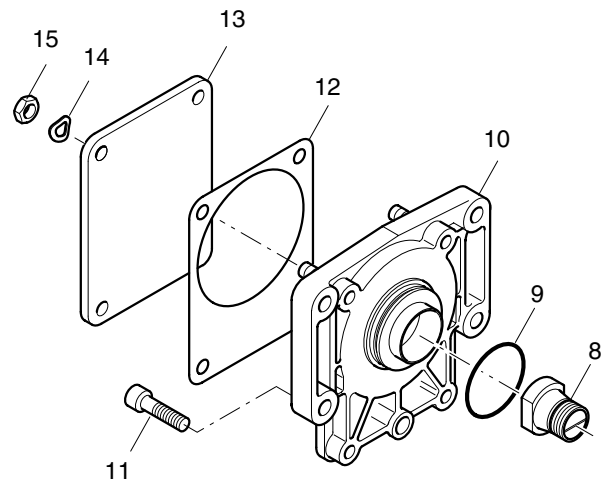
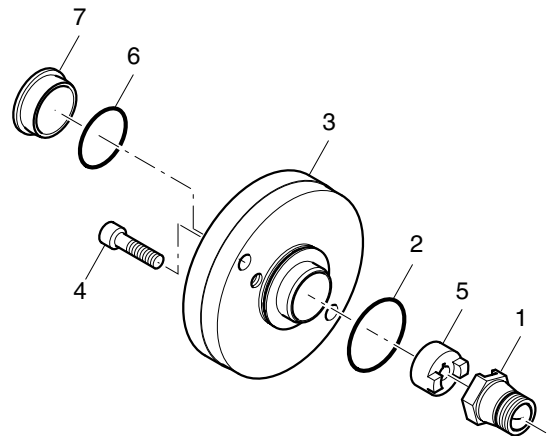


Fig.- No.	HATZ Ident-No.	Stück Qty.			P / W d / D	Bemerkungen Notes
		1B20V NON EPA	1B30V EPA II	1B30V NON EPA		
1	01558100	1	1	1		
2	50454500	1	1	1		44 x 1,5
3	05115000	1	1	1		
4	50175900	2	2	2		M 8 x 30 DIN 912-8.8 A3C
5	05114700	1	1	1		
6	50288200	1	1	1		32 x 2,5
7	50163101	1	1	1		F 25 ø 31,8
8	01558000	1	1	1		
9	50454500	1	1	1		44 x 1,5
10	01664800	1	1	1		
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

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

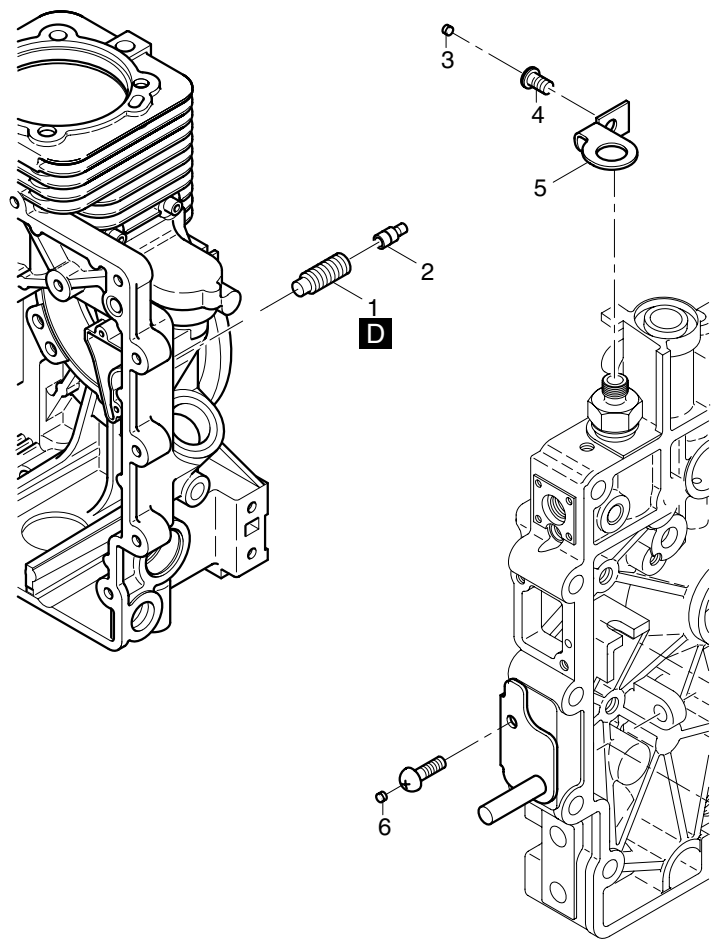


Fig.- No.	HATZ Ident-No.	Stück Qty.	P / W d / D	Bemerkungen Notes
		1B30V EPA II		
1	04198700	1		
2	04150500	1		6
3	04170600	2		4,15
4	50495000	1		M 6 x 12 DIN 7380-10.9 A3C
5	04185301	1		
6	05201500	1		3

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

IMT-No.

1 B 20 V.10	1 B 20 V.11	98.580
1 B 20 V.11	1 B 20 V.12	00.590
1 B 20 V.12	1 B 20 V.13	00.595
1 B 20 V.13	1 B 20 V.14	00.598
1 B 20 V.14	1 B 20 V.15	01.613
1 B 20 V.15	1 B 20 V.16	02.617
1 B 20 V.16	1 B 20 V.17	02.619
1 B 20 V.17	1 B 20 V.18	03.629
1 B 20 V.18	1 B 20 V.19	05.649
1 B 20 V.19	1 B 20 V.20	06.662

1 B 30 V.10	1 B 30 V.11	00.598
1 B 30 V.11	1 B 30 V.12	00.607
1 B 30 V.12	1 B 30 V.13	01.613
1 B 30 V.13	1 B 30 V.14	02.617
1 B 30 V.14	1 B 30 V.15	05.649
1 B 30 V.15	1 B 30 V.16	06.660



Technical Library

<http://engine.od.ua>

