



MOTORENFABRIK HATZ • D-94099 Ruhstorf • Germany
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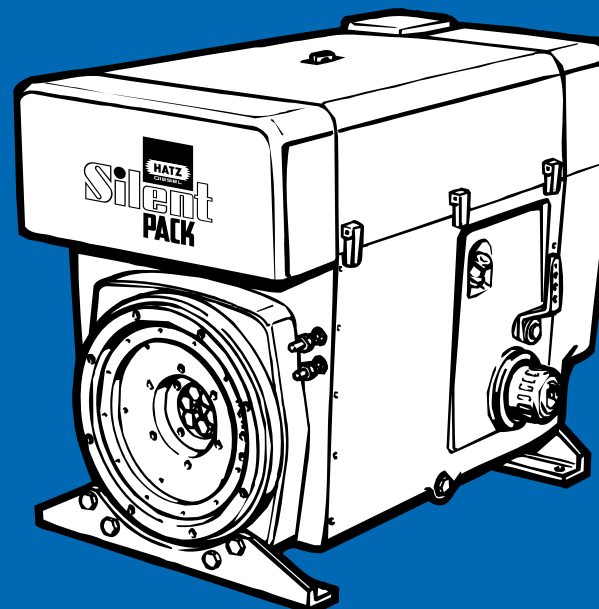
Original-Ersatzteile

Original-spare parts

Pièces de rechange d'origine

Repuestos originales

Pezzi di ricambio originali



2 L 41 C

3 L 41 C

4 L 41 C

434 500 11-12.04-5
Printed in Germany

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.

2 L 41.14 □

3 L 41.14 □

4 L 41.14 □

Beispiel: / Example: / Exemple: / Ejemplo: / Esempio: MOTOR/FABRIK NO. - 102**14**04123456 (=2L41.**14**)

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

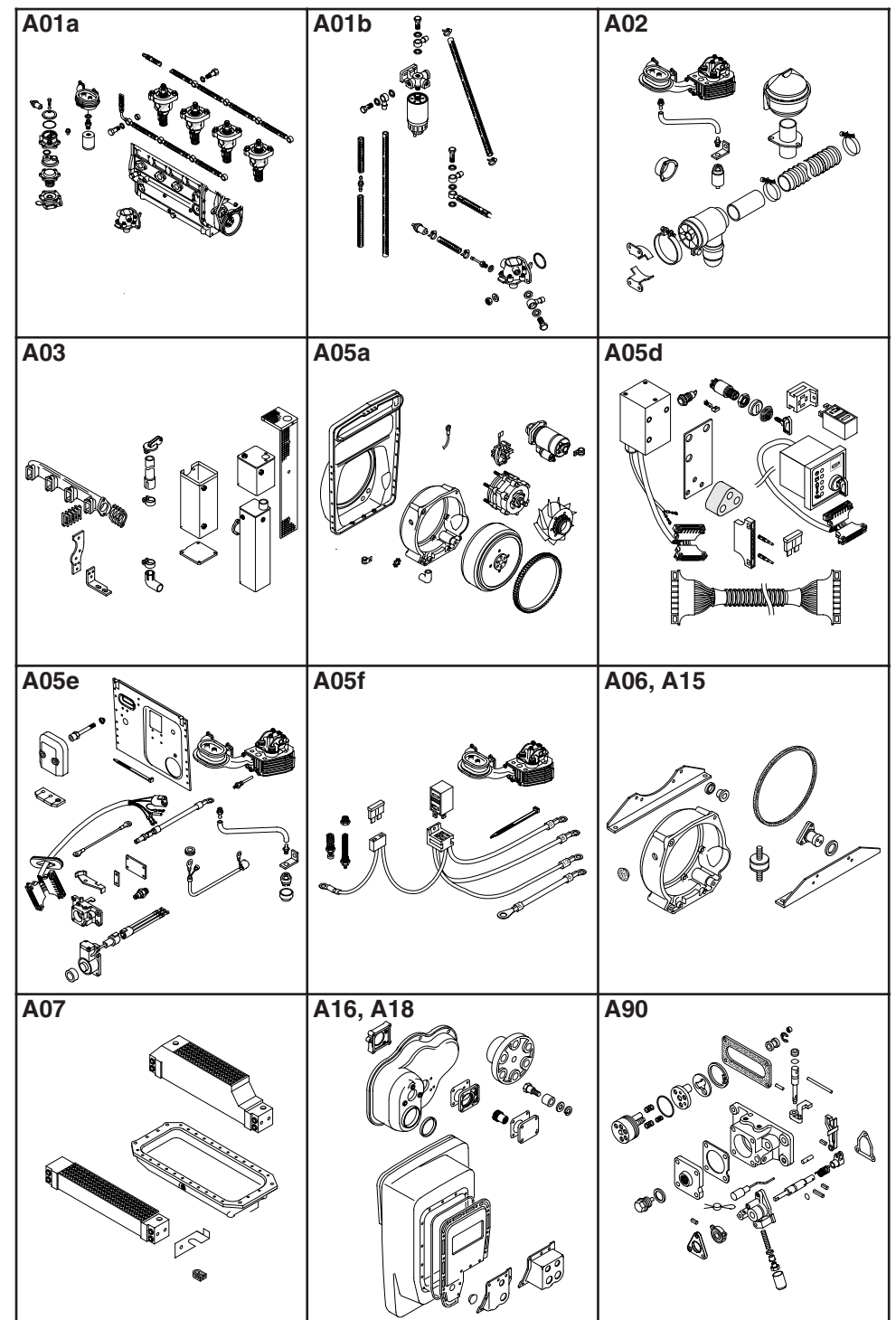
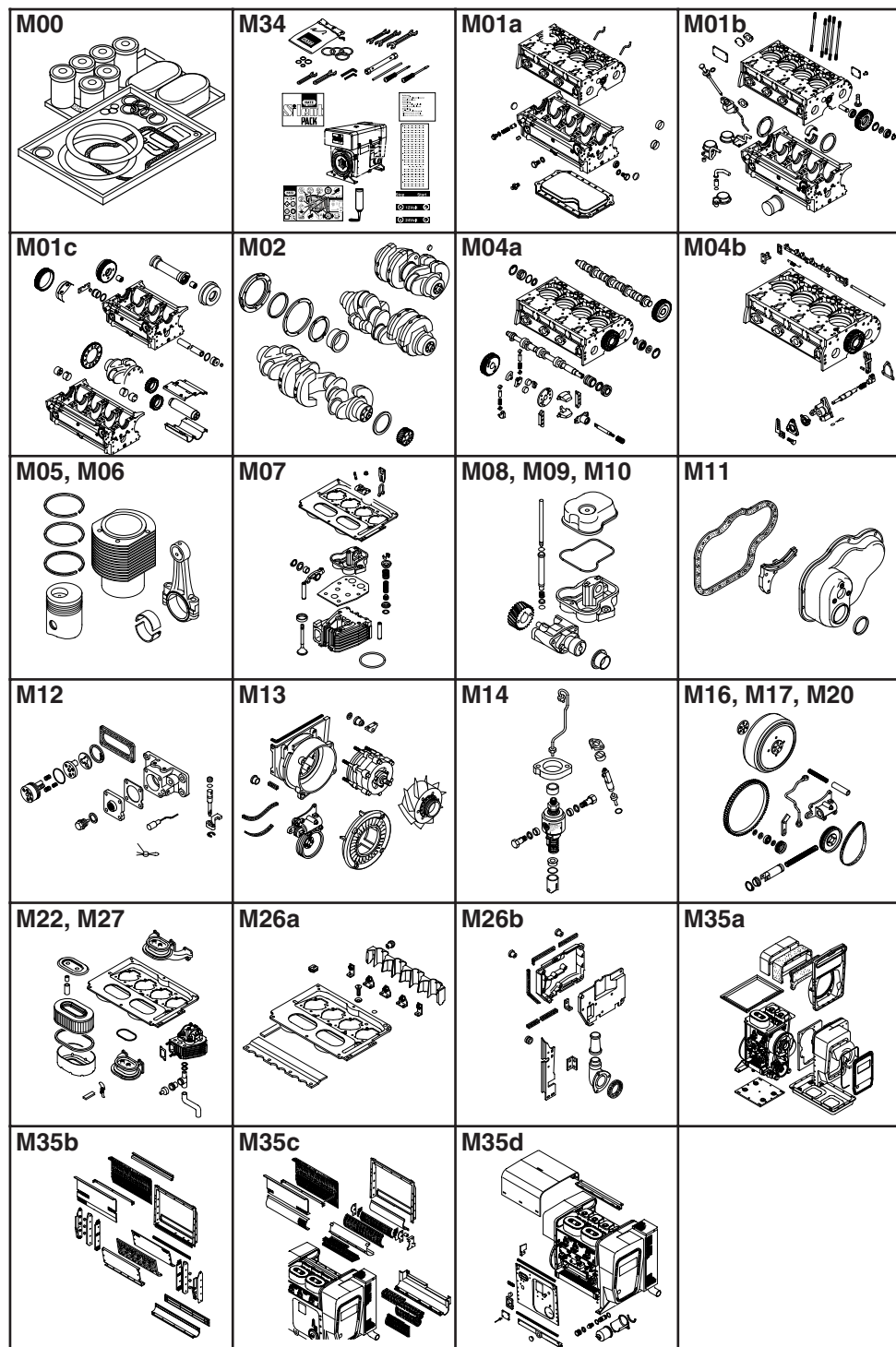
Bestellung an: Order at: Commande à: Pedido a:

- 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



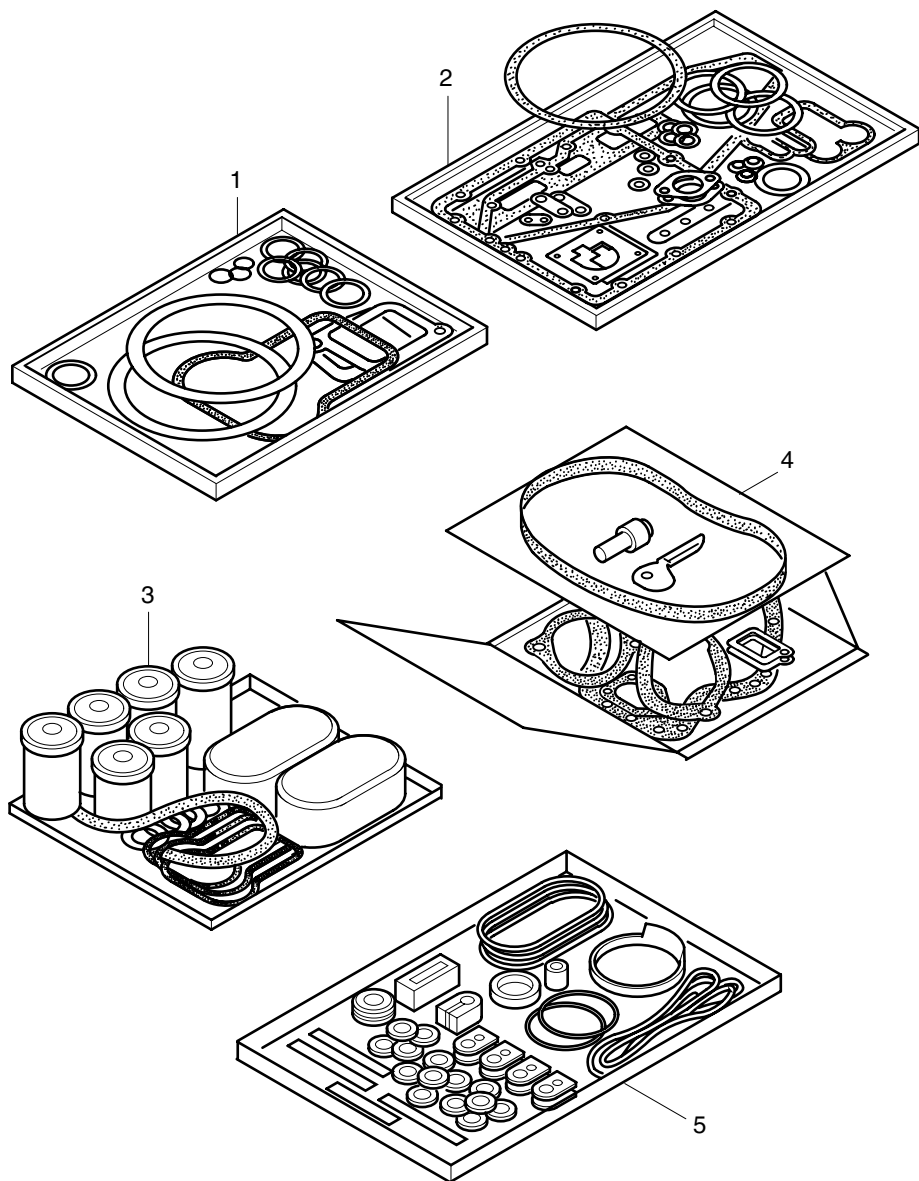


Fig.- No.	HATZ Ident-No.	Stück Qty.			P / W d / D	Bemerkungen Notes
		2L41C	3L41C	4L41C/K		
W:	Im Wartungssatz enthalten. Incl. in maintenance kit. Contenu dans le jeu d'entretien. Incluido en el juego de mantenimiento. Contenuto nella serie manutenzione.					P: Im Pannensatz enthalten. Incl. in emergency 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	01806600	2	3	4	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 guarniziono per 1 testa
2	01806500	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	00987104	1	-	-		Wartungssatz für 1000 h
3	00991504	-	1	-		1000 hours maintenance kit
3	01203304	-	-	1		Kit d'entretien 1000 heures - Juego de piezas para servicio 1000 horas Kit di manutenzione a 1000 ore
4	01806800	1	-	-		Pannensatz - Emergency kit
4	01806900	-	1	1		Kit de secours-Juego para averias Kit di prima necessità
5	01215700	1	1	1		Gummiteilsatz, Rubber comp. set "C/K" Garniture caout., Guarnicion Goma.

Zubehör
Accessories
Accessoires
Accesorios
Kit accessori

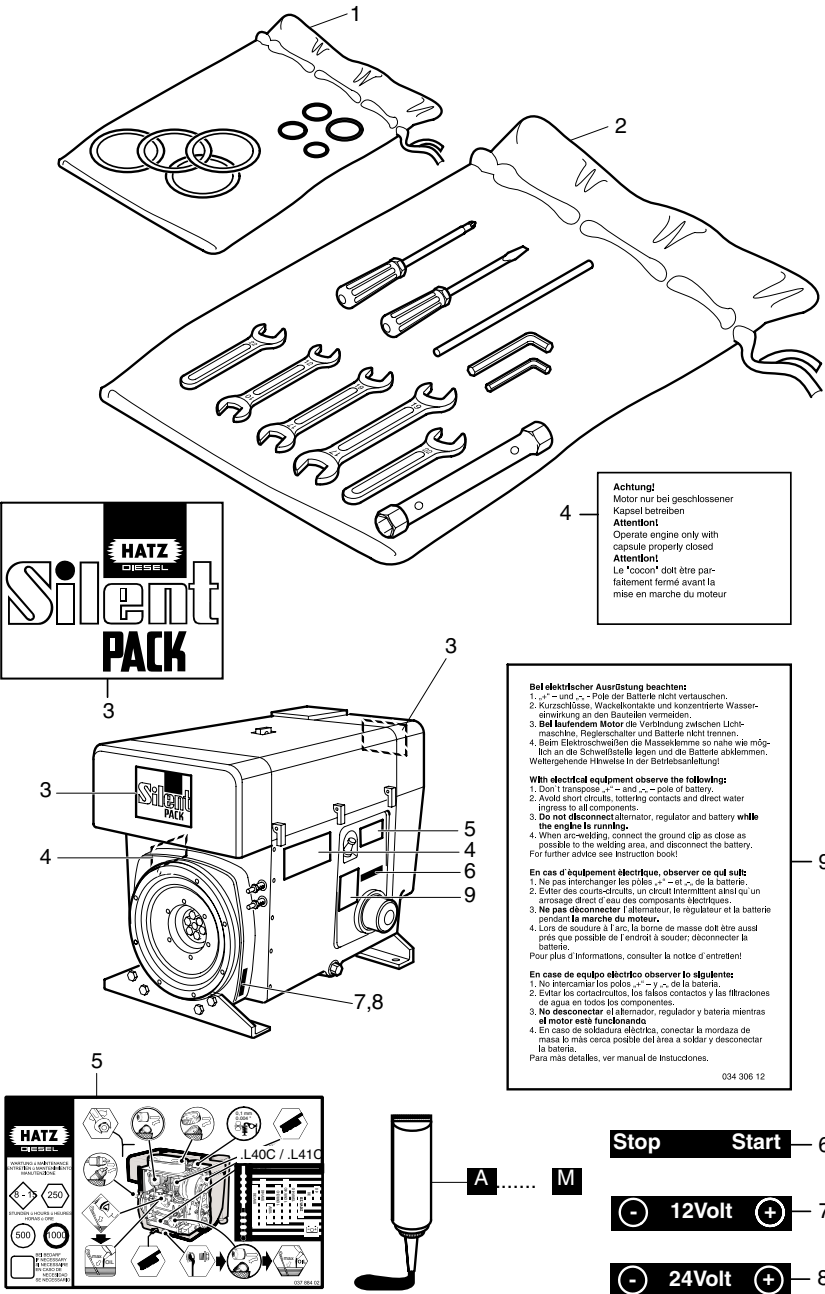


Fig.- No.	HATZ Ident-No.	Stück Qty.			P / W d / D	Bemerkungen Notes
		2L41C	3L41C	4L41C/K		
1	00938301	1	1	1		Zubehörsatz - Accessoires kit
2	00993900	1	1	1		Werkzeugsatz - Tool set
3	03638900	2	2	2		"C"
4	03614401	2	2	2		"C"
5	03788301	1	1	1		
6	03325400	1	1	1		
7	03175200	1	1	1		
8	03669400	1	1	1		12V "C/K"
9	03430612	1	1	1		24V "C/K"

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		as specified in the individual tables
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	}	suivant les remarques sur les tableau correspondant
+ 502 239 00	Technicoll 8367	0,75 kg		
G = 502 565 01	Loctite IS 407	20 g	}	según las indicaciones de las tablas correspondientes
H = 502 825 01	Silicon	30 ml		
J = 502 830 04	Hochtemp. Paste	100 ml		
K = 503 426 01	Hochtemp. Fett	400 g		seguire le indicazioni sul quadro corrispondente
L = 502 566 00	Silicon sealer	100 g		
M = 504 851 00	Schleifpaste	80 g		

M01a

Kurbelgehäuse
Crankcase
Carter moteur
Caja cigueñal
Basamento motore

3 (4-14, 16-31, 45-52)
1,2 (4-14, 17-31, 35, 44-52)

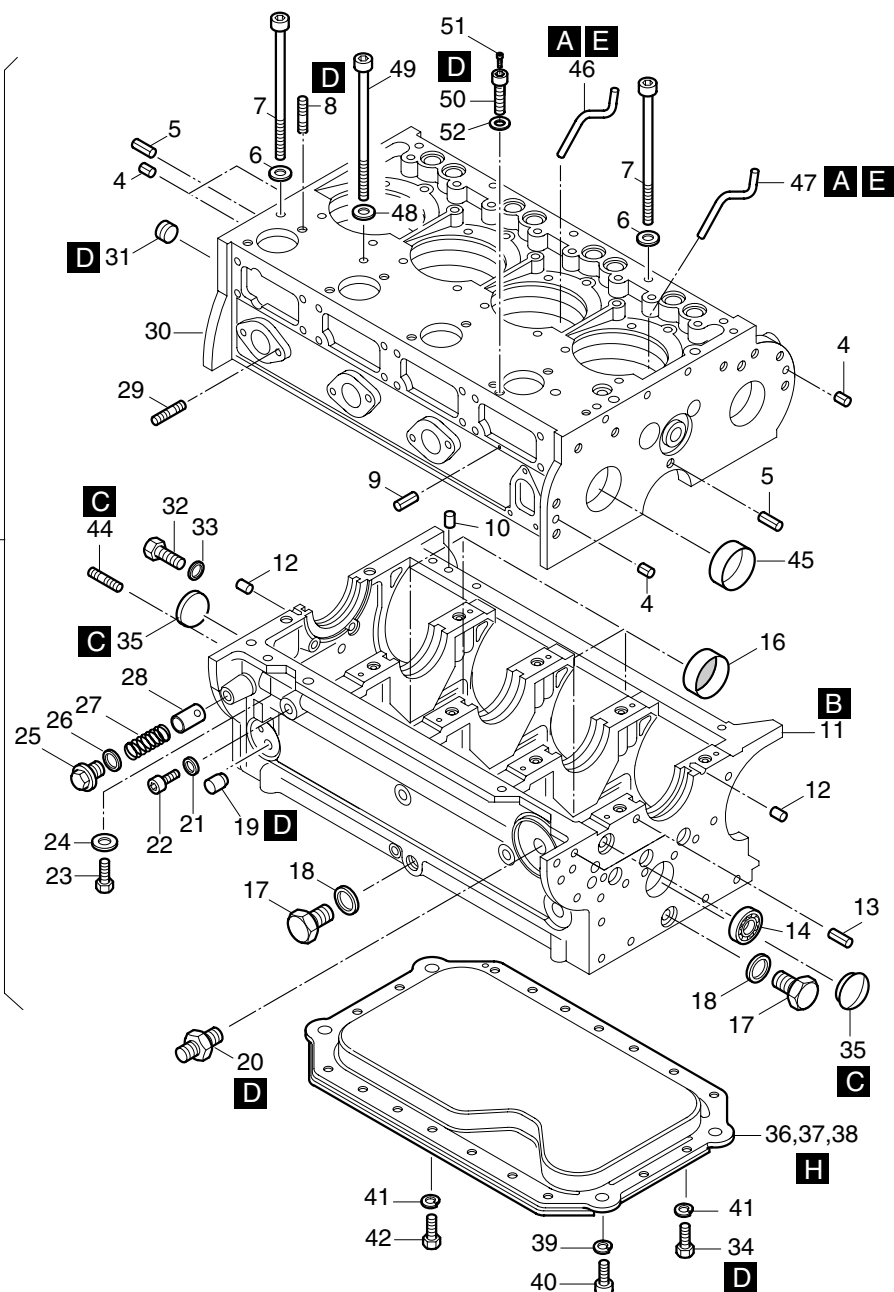


Fig.- No.	HATZ Ident-No.	Stück Qty.			P / W d / D	Bemerkungen Notes
		2L41C	3L41C	4L41C/K		
1	01808900	1	-	-		
2	01809000	-	1	-		
3	01809100	-	-	1		"C"
3	01809200	-	-	1		"K"
4	50140000	4	4	4		8 x 8 DIN 7346 55 Si 7
5	50130500	2	2	2		5 x 24 DIN 1481
6	03469300	5	6	7		12,5 x 22 x 3
7	50125900	5	6	7		M 12x1,5x190 DIN 912-10.9
8	50548900	4	6	8		M 8 x 70 DIN 939 - 10.9
9	50130500	1	1	1		5 x 24 DIN 1481
10	03635300	1	1	1		8 x 20
11	-----	-	-	-		
12	50131400	2	2	2		10 m 6 x 14 DIN 7-St 50K
13	50084901	2	2	2		8 x 12 DIN 7346 55 Si 7 2Fasen
14	50130200	1	1	1		HK 16/16
16	03627100	-	-	4		48 "K"
17	50140400	2	2	2	W1	AM22x1,5DIN7604-5.8A3C
18	50001600	2	2	2	W4,D4	A 22 x 27 DIN 7603 Cu
19	03645700	0...2	0...2	0...2		n <= 1500 min-1
20	40065400	1	1	1		
21	50062400	1	1	1	D3	A 10 x 13,5 DIN 7603-Cu
22	50062300	1	1	1		M 10 x 1 DIN 908-5.8 A3C
23	50026800	8	12	17		M 8 x 20 DIN 933-8.8
24	50002800	8	12	17		8 DIN 128
25	03249300	1	1	1		M 18 x 1,5
26	50001400	1	1	1	W4,D2	A 18 x 22 DIN 7603 - Cu
27	03639900	1	1	1		
28	03639800	1	1	1		
29	50139201	2	2	2		M6 x 16 DIN 939-8.8 A3C
30	-----	-	-	-		
31	50043800	1	1	1		M 14 x 1,5 DIN 906
32	-----	-	-	-		

M01a

Kurbelgehäuse
Crankcase
Carter moteur
Caja cigueñal
Basamento motore

3 (4-14, 16-31, 45-52)
1,2 (4-14, 17-31, 35, 44-52)

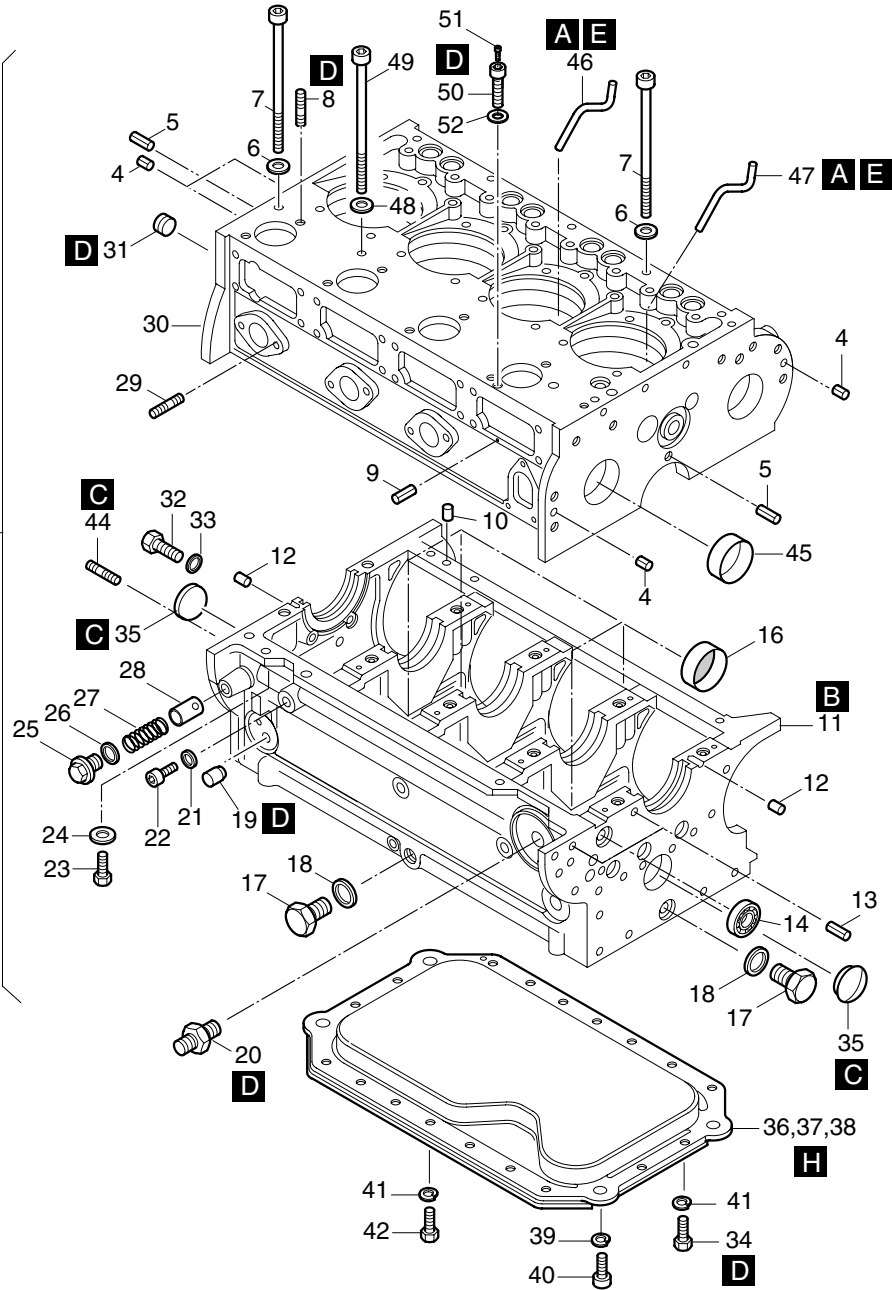


Fig.- No.	HATZ Ident-No.	Stück Qty.			P / W d / D	Bemerkungen Notes
		2L41C	3L41C	4L41C/K		
33	-----	-	-	-		
34	50279301	4	4	-		M8x16 ISO 4017-8.8 PRECOTE
35	50140800	2	2	-		38 DIN 443
36	03752601	1	-	-		
37	03752701	-	1	-		
38	-----	-	-	-		s.Grp A07 Pos 17
39	50003000	4	4	-		12 DIN 128
40	50080600	4	4	-		M 12 x 20 DIN 912 - 8.8
41	50002800	12	18	-		8 DIN 128
42	50026700	8	14	-		M 8 x 16 DIN 933 - 8.8
44	50240800	2	2	-		M 8 x 12 DIN 938 - 8.8
45	03765500	1	1	1		
46	03645900	1	2	3		s. Techn. Hinweis 950 386 01
47	03646000	1	1	1		s. drawing 950 386 01
48	50521500	1	2	3		13 DIN 433 - 300 HV
49	50532300	1	2	3		M 12 x 1,5 x 180 DIN 912 - 10.9
50	04238400	1	1	1		M 8
51	50560800	1	1	1		M 3 x 8 ISO 4762-A3C-KL 360G
52	50000900	1	1	1		A 8 x 11,5 DIN 7603-Cu

M01b

Kurbelgehäuse
Crankcase
Carter moteur
Caja cigueñal
Basamento motore

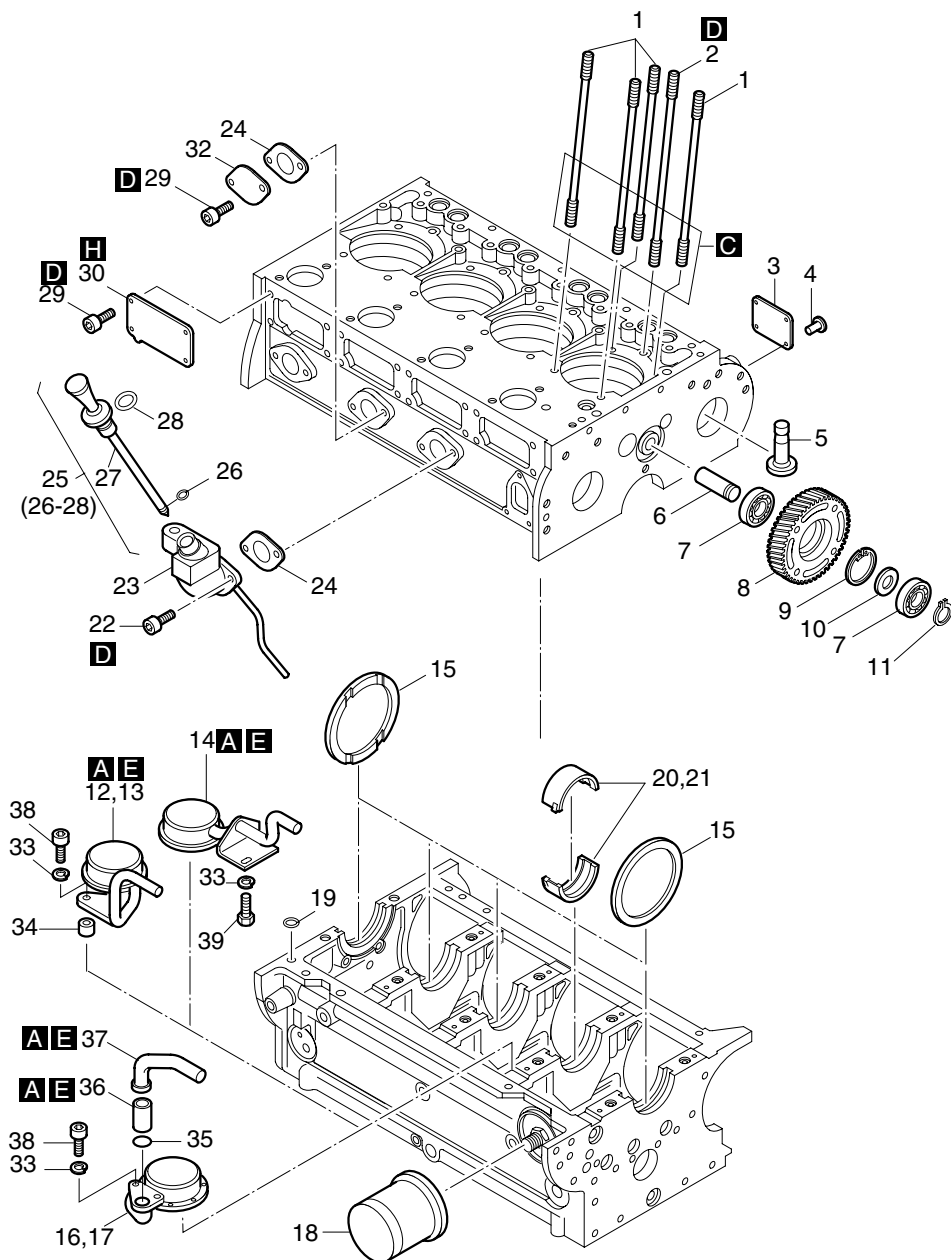


Fig.- No.	HATZ Ident-No.	Stück Qty.	2L41C	3L41C	4L41C/K	P / W d / D	Bemerkungen Notes
1	03625702	8	12	16			273 mm
2	03625802	2	3	4			317 mm
3	-----	-	-	-			
4	40002500	4	4	4			2,4
5	03554501	4	6	8			
6	03469601	1	1	1			
7	50013700	2	2	2			6204 C3 DIN 625
8	03561710	1	1	1			
9	50021700	1	1	1			J 47 x 1,75 DIN 472
10	03462300	1	1	1			20,1 x 28 x 1,7
11	50127600	1	1	1			AS 20 x 1,75 DIN 471
12	00929301	1	-	-			
13	00929401	-	1	-			
14	00929201	-	-	1			f.Gr. A07 Pos 17
15	03463300	2	2	2			
16	00929001	1	-	-			f.Gr. A07 Pos 15
17	00929101	-	1	-			f.Gr. A07 Pos 16
18	40065300	1	1	1		W2	Oilfilter
19	50219400	1	1	1		D1	12 x 2
20	03555500	3	4	5			ø 72mm
21	03551600	3	4	5			ø 71,5mm
22	50051900	2	2	2			M 8 x 20 DIN 912-8.8
23	00932602	1	-	-			
23	00914803	-	1	1			
24	50129000	1	1	2		D2	36 x 58 x 0,5
25	00739702	1	1	-			"A"
25	00931100	1	-	-			"C" f.Gr. A07 Pos 15
25	00930800	-	1	1			"D" f.Gr. A07 Pos 16/17
26	50202502	1	1	1		D1	3,0 x 1,6
27	-----	-	-	-			
28	50139900	1	1	1		D1	23,3 x 2,4
29	50128900	4	8	14			M 8 x 16 DIN 912 - 8.8
30	03469201	1	2	3			
32	03263300	-	-	1			
33	50002800	2	2	2			8 DIN 128
34	03467000	2	2	-			8,5 x 13 x 9
35	50258000	1	1	-			17 x 3
36	03617600	1	1	-			f.Gr. A07 Pos 15/16
37	03616500	1	1	-			f.Gr. A07 Pos 15/16
38	50051900	2	2	-			M 8 x 20 DIN 912-8.8
39	50026700	-	-	2			M 8 x 16 DIN 933 - 8.8

M01c

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

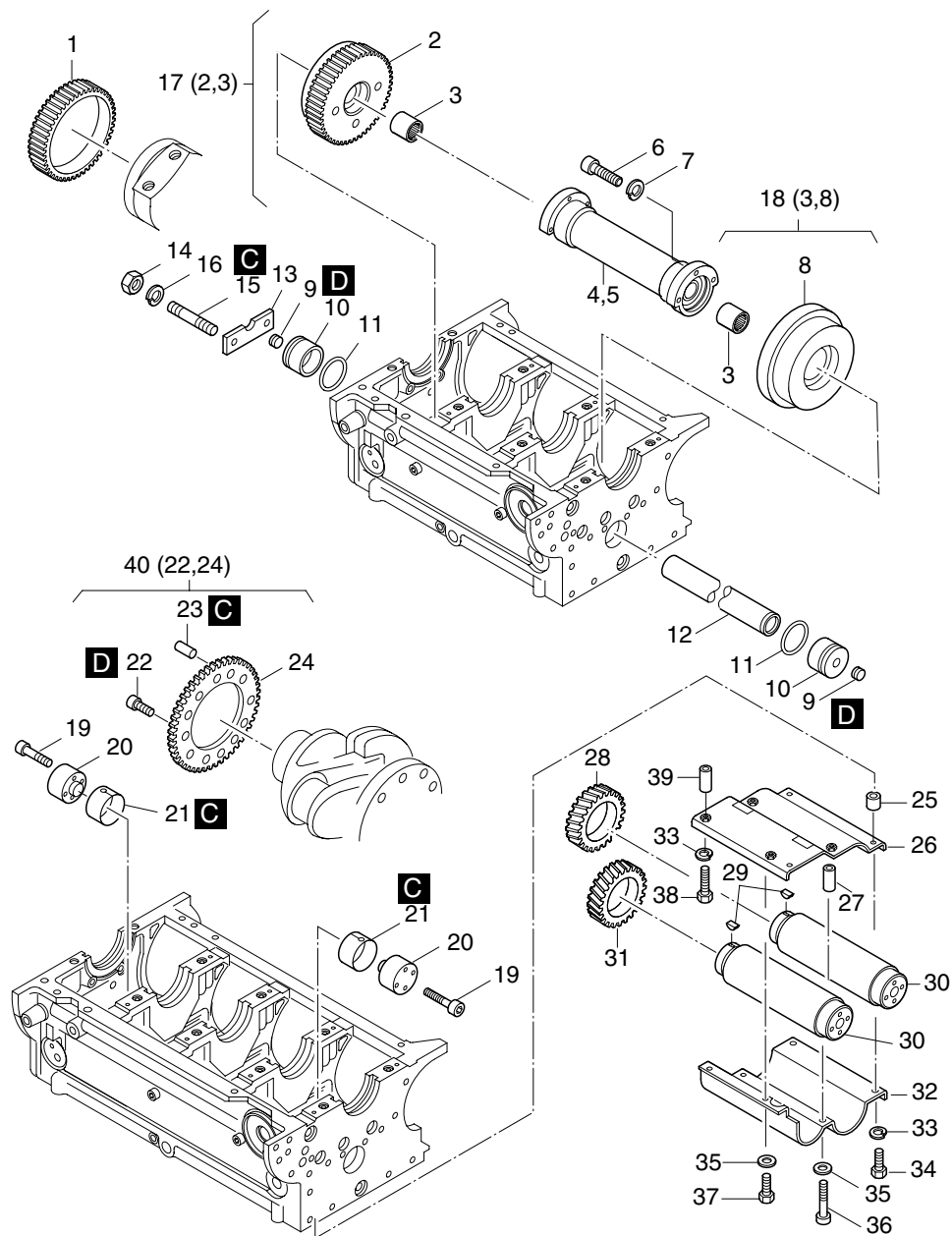


Fig.- No.	HATZ Ident-No.	Stück Qty.			P / W d / D	Bemerkungen Notes
		2L41C	3L41C	4L41C/K		
1	03553300	1	1	-		
2	-----	-	-	-		
3	50128500	2	2	-		
4	03553000	1	-	-		219 mm
5	04140000	-	1	-		354 mm
6	50052000	6	6	-		M 8 x 20 DIN 6912-8.8 A3C
7	50002800	6	6	-		8 DIN 128
8	-----	-	-	-		
9	50043600	2	2	-		M 10 x 1 DIN 906
10	03463400	2	2	-		
11	50132200	2	2	-		33,3 x 2,4
12	03463500	1	-	-		
12	03590000	-	1	-		
13	03462900	1	1	-		
14	50022900	2	2	-		M 8 DIN 934 - 8
15	50240800	2	2	-		M 8 x 12 DIN 938 - 8.8
16	50002800	2	2	-		8 DIN 128
17	00902000	1	1	-		
18	00901900	1	1	-		
19	50127900	-	-	16		M 8 x 40 DIN 912 - 10.9
20	03627000	-	-	4		
21	03627201	-	-	4		
22	50418800	-	-	8		M 10 x 20 DIN 912 - 12.9
23	50115000	-	-	1		10 m 6 x 20 DIN 7 St.
24	-----	-	-	-		
25	03599600	-	-	2		8,5 x 13 x 6
26	00917800	-	-	1		
27	03599800	-	-	2		
28	03553403	-	-	1		
29	50017700	-	-	2		4 x 5 DIN 6888
30	00935600	-	-	2		
31	03553603	-	-	1		
32	03599200	-	-	1		
33	50002800	-	-	4		8 DIN 128
34	50051900	-	-	2		M 8 x 20 DIN 912-8.8
35	50081200	-	-	4		A 6 DIN 137 - A3C
36	50073700	-	-	2		M 6 x 45 DIN 912 - 8.8 A3C
37	50050600	-	-	2		M 6 x 12 DIN 912-8.8
38	50052100	-	-	2		M8 x 25 DIN 912 - 8.8
39	03599700	-	-	2		8,5 x 13 x 14,5
40	01508200	-	-	1		

M02

Kurbelwelle
Crankshaft
Vilebrequin
Cigüeñal
Albero a gomito

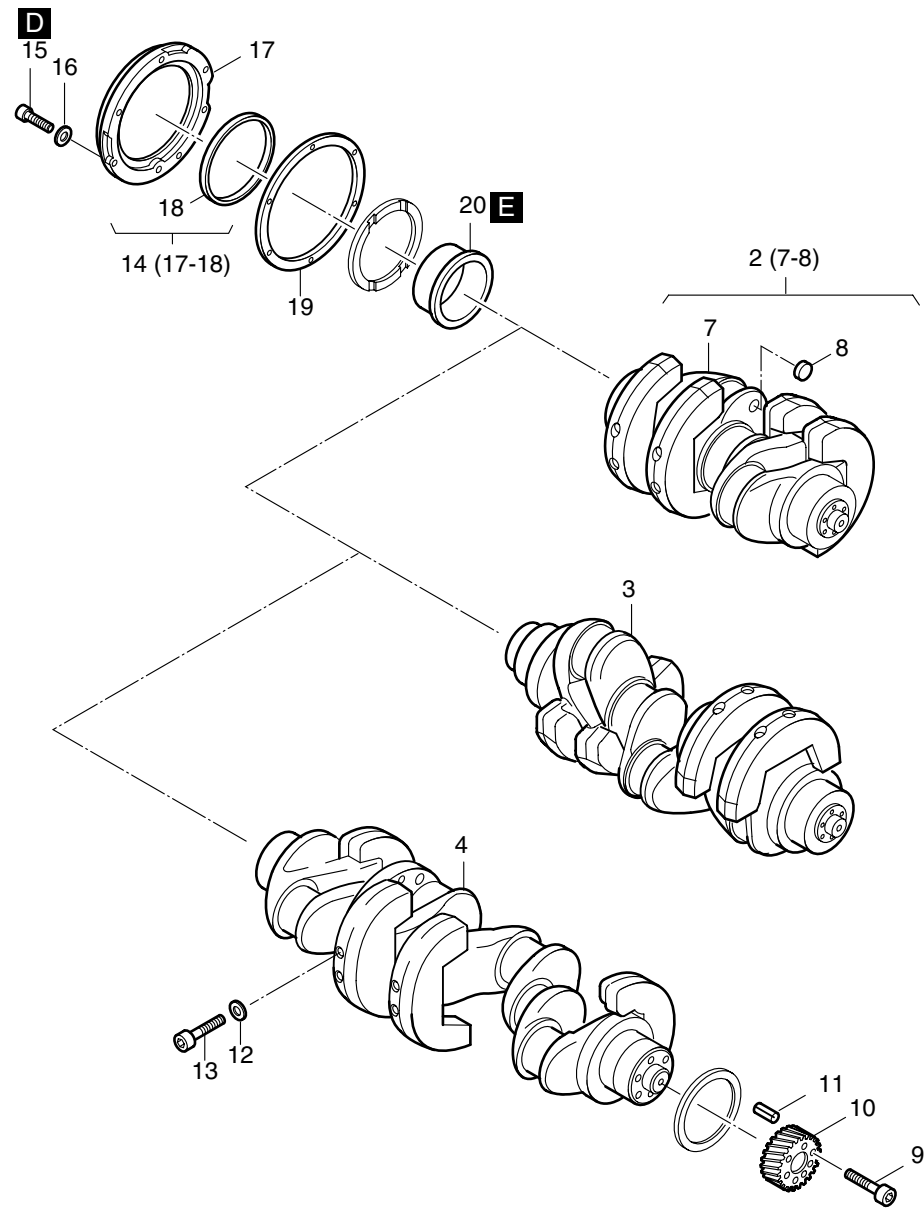


Fig.- No.	HATZ Ident-No.	Stück Qty.			P / W d / D	Bemerkungen Notes
		2L41C	3L41C	4L41C/K		
2	00950801	1	-	-		
3	00955000	-	1	-		
4	00956300	-	-	1		
7	-----	-	-	-		
8	50207200	2	-	-		36 DIN 443
9	50127900	6	6	6		M 8 x 40 DIN 912 - 10.9
10	03561603	1	1	1		
11	50128000	1	1	1		11 x 10 DIN 7346 55 Si 7
12	50002900	8	8	8		A 10 DIN 128
13	50132800	8	8	8		M 10 x 40 DIN 912 - 10.9
14	00957500	1	1	1		
15	50236600	6	6	6		M 6 x 25 DIN 6912-8.8 A3C
16	50081200	6	6	6		A 6 DIN 137 - A3C
17	-----	-	-	-		
18	50224602	1	1	1		80 x 100 x 10
19	03550601	1	1	1		
20	03780600	0... 1	0... 1	0... 1		80mm

M04a

Nockenwelle, Regler, Spritzversteller

Camshaft, governor, timer

Arbre à cames, regulateur regime, vareateur d'avance

Arbol de levas, regulador, variador de avance

Albero a camme, regolatore di giri, variatore di anticipo

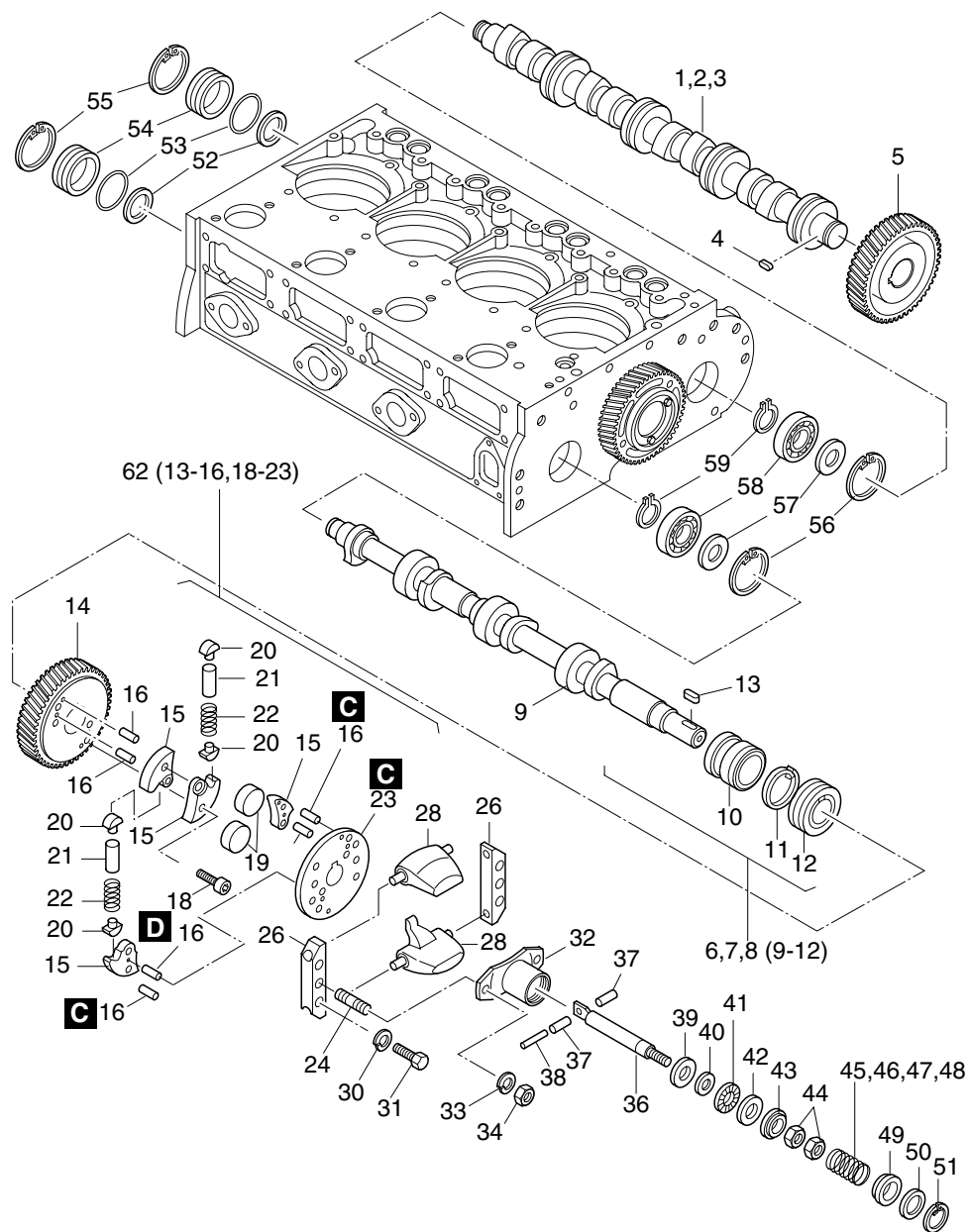


Fig.- No.	HATZ Ident-No.	Stück Qty.	P / W d / D	Bemerkungen Notes
		2L41C	3L41C	4L41C/K
1	03556700	1	-	-
2	03555700	-	1	-
3	03558000	-	-	1
4	50011300	1	1	1
5	03561800	1	1	1
6	01807100	1	-	-
7	01807200	-	1	-
8	01807300	-	-	1
9	-----	-	-	-
10	-----	-	-	-
11	03576501	1	1	1
12	-----	-	-	-
13	50131600	1	1	1
14	04109700	1	1	1
15	04109400	4	4	4
16	50140000	8	8	8
18	50143200	8	8	8
19	01321900	2	2	2
20	04109600	4	4	4
21	04109500	2	2	2
22	04109800	2	2	2
23	04109300	1	1	1
24	50131500	2	2	2
26	04112400	2	2	2
28	03572900	2	2	2
30	50347301	4	4	4
31	50027000	4	4	4
32	03773101	1	1	1
33	40027800	2	2	2
34	50022900	2	2	2
36	03772600	1	1	1
37	03772502	2	2	2
38	03576400	1	1	1
39	03772701	1	1	1
40	50268000	1	1	1
41	04117900	1	1	1
42	50268200	1	1	1
43	03772800	1	1	1
44	50144400	2	2	2
45	03601402	0... 1	0... 1	0... 1
46	03601301	0... 1	0... 1	0... 1
47	03601201	0... 1	0... 1	0... 1
48	03574401	0... 1	0... 1	0... 1
49	03571900	1	1	1
50	03772900	1	1	1

A 8 x 7 x 22 DIN 6885

A 6 x 6 x 20 DIN 6885 St 6

8 x 8 DIN 7346 55 Si 7
M6 x 18 DIN 6912 - 10.9

M 8 x 30 DIN 938 - 8.8

VHZ 8 A3C
M 8 x 25 DIN 933 - 8.8

8
P4 M 8 DIN 934 - 8

6 x 12 x 0,5 DIN 988

AS 1024

M 6 DIN 934 - 8 A3C
ø 2,5 mm 1500 min-1 Gen
ø 2,6 mm 1800 min-1 Gen
ø 3,0 mm ≤2300 min-1
ø 3,2 mm >2300/3000min-1 Gen

M04a

Nockenwelle, Regler, Spritzversteller
Camshaft, governor, timer
Arbre à cames, regulateur regime, vareateur d'avance
Arbol de levas, regulador, variador de avance
Albero a camme, regolatore di giri, variatore di anticipo

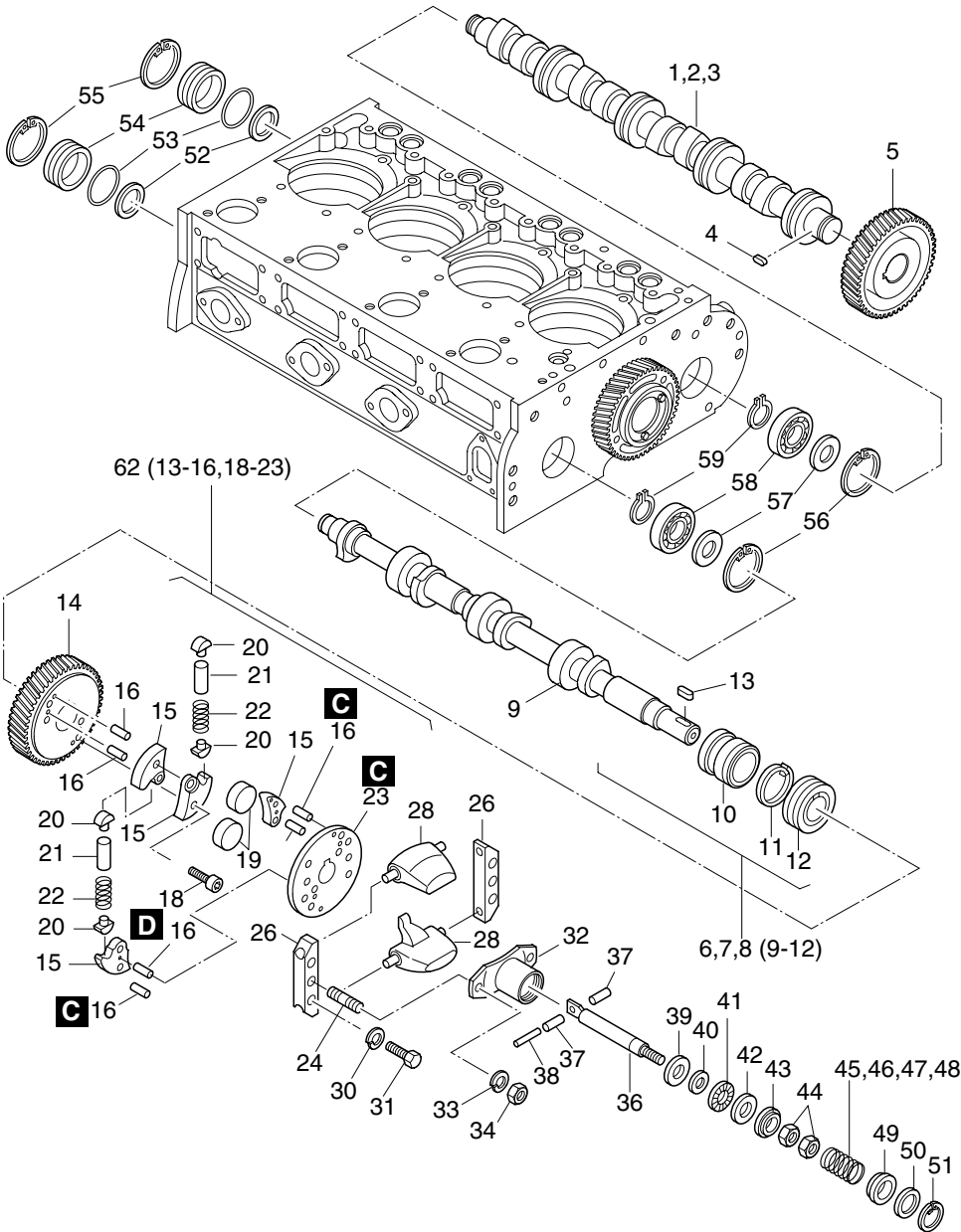


Fig.- No.	HATZ Ident-No.	Stück Qty.			P / W d / D	Bemerkungen Notes
		2L41C	3L41C	4L41C/K		
51	50021000	1	1	1		J 32 x 1,2 DIN 472
52	50132700	0... 4	0... 4	0... 4		37 x 47 x 0,1 DIN 988
52	50277300	0... 1	0... 1	0... 1		37 x 47 x 0,5 DIN 988
53	50130700	2	2	2	D2	42 x 2,5
54	03469700	2	2	2		
55	50021700	2	2	2		J 47 x 1,75 DIN 472
56	50021700	2	2	2		J 47 x 1,75 DIN 472
57	50132900	0... 3	0... 3	0... 3		20 x 28 x 0,1 DIN 988
58	50013700	2	2	2		6204 C3 DIN 625
59	50127600	2	2	2		AS 20 x 1,75 DIN 471
62	01323800	1	1	1		

M04b

Drehzahlverstellung
Speed control
Reglage regime
Ajuste de revoluciones
Comando acceleratore

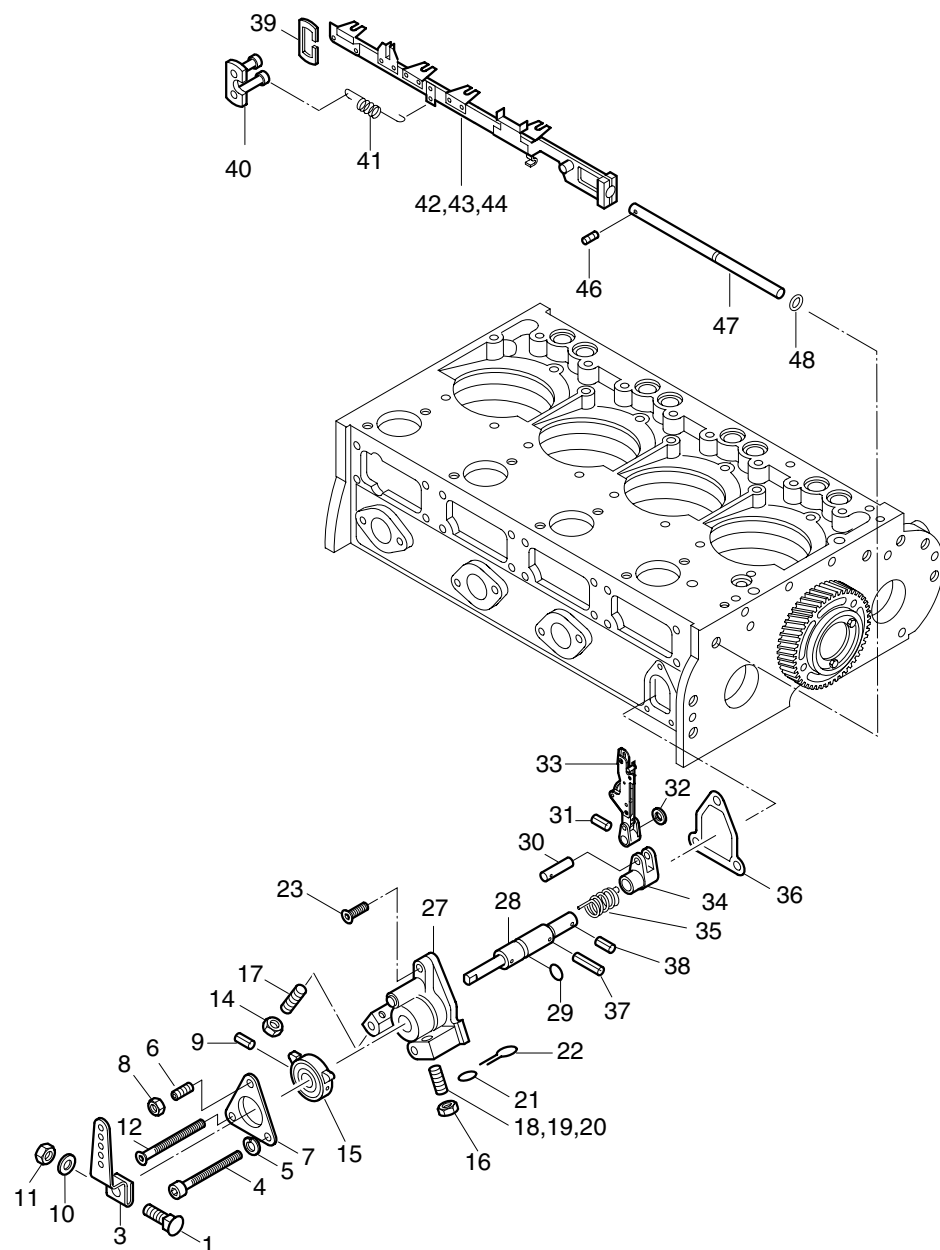


Fig.- No.	HATZ Ident-No.	Stück Qty.			P / W d / D	Bemerkungen Notes
		2L41C	3L41C	4L41C/K		
1	03927300	1	1	1		M 6 x 32
3	03888300	1	1	1		
4	50053000	1	1	1		M 8 x 70 DIN 912 - 8.8
5	50002800	1	1	1		8 DIN 128
6	50279200	1	1	1		M 8 x 40 DIN 835-8.8 A3C
7	04131800	1	1	1		
8	40028400	1	1	1		VM 8 DIN 980-8 C3A
9	50035000	1	1	1		5 x 40 DIN 1481
10	50144500	1	1	1		6,4 DIN 125-St A3C
11	50346500	1	1	1		M 6 DIN 934 - 10 A2F
12	50470800	1	1	1		M 8 x 70 DIN 7991 - 8.8 Tuf.
14	50335300	1	1	1		M 8 SW 12 A3C
15	03468810	1	1	1		
16	50022900	1	1	1		M 8 DIN 934 - 8
17	03169501	1	1	1		M 8 x 50
18	03245900	0... 1	0... 1	0... 1		M 8 x 35 n > 2600 min-1
19	03642900	0... 1	0... 1	0... 1		M 8 x 45 n=2200...2600 min-1
19	03774000	0... 1	0... 1	0... 1		M 8 x 40 n=2200...2600 min-1
20	03169501	0... 1	0... 1	0... 1		M 8 x 50 < 2200 min-1
21	40021400	1	1	1		8 mm ø
22	40021500	1	1	1		0,5 / 0,3 x 200
23	50470700	1	1	1		M 8 x 20 DIN 7991-8.8 Tuf.360G
27	04131700	1	1	1		
28	03468940	1	1	1		
29	40081700	1	1	1	D1	12 x 2
30	03469010	1	1	1		
31	50127500	1	1	1		3 x 14 DIN 1481
32	04214100	1	1	1		6,1 x 15 x 0,4
33	01379400	0... 1	0... 1	0... 1		Nr. 1
33	01383300	0... 1	0... 1	0... 1		Nr. 2
33	01383400	0... 1	0... 1	0... 1		Nr. 3
33	01383500	0... 1	0... 1	0... 1		Nr. 4
33	01383600	0... 1	0... 1	0... 1		Nr. 5
33	01086201	0... 1	0... 1	0... 1		Nr. 12 Gen.
34	03469120	1	1	1		
35	03861400	1	1	1		
36	03465900	1	1	1	D1	
37	50269000	1	1	1		4 x 26 DIN 1481

M04b

Drehzahlverstellung
Speed control
Reglage regime
Ajuste de revoluciones
Comando acceleratore

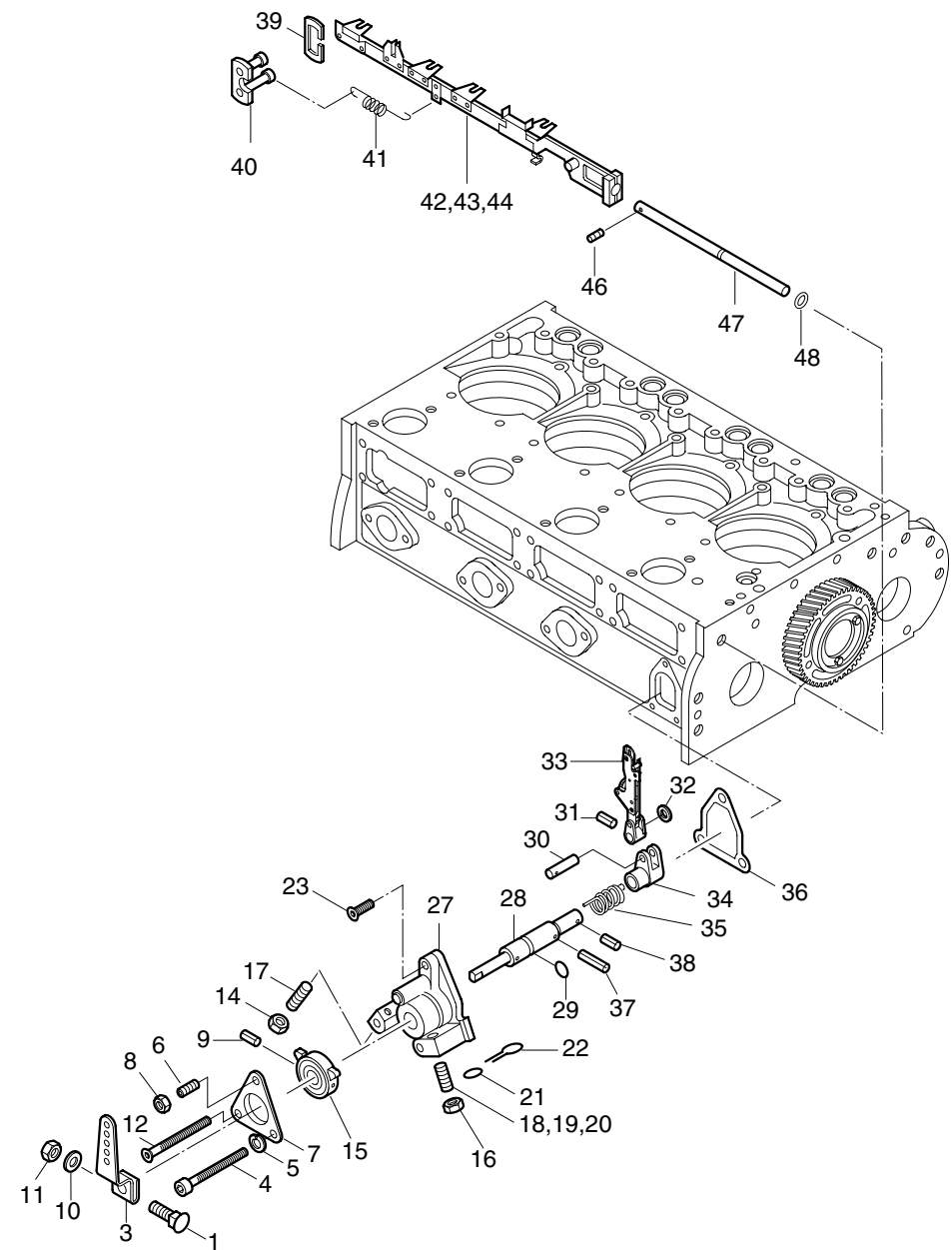


Fig.- No.	HATZ Ident-No.	Stück Qty.			P / W d / D	Bemerkungen Notes
		2L41C	3L41C	4L41C/K		
38	50131900	1	1	1		4 x 12 DIN 1481
39	03865010	0... 3	0... 3	0... 3	D3	
40	01373101	1	1	1		
41	03645400	1	1	1		
42	01372800	1	-	-		
43	01372900	-	1	-		
44	01373000	-	-	1		
46	50131800	1	1	1		2,5 x 10 DIN 1481
47	03460600	1	1	1		
48	40022300	1	1	1	D1	8 x 2

M05, M06

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

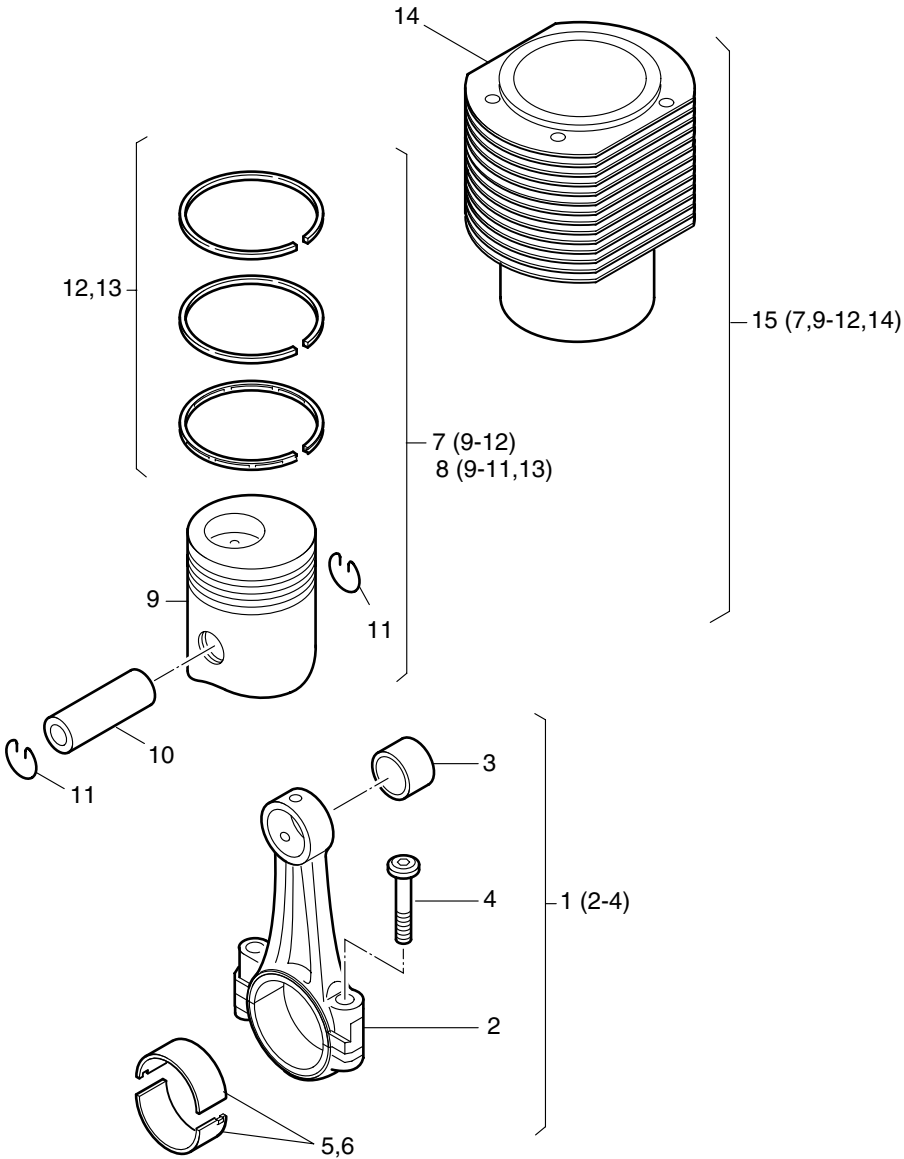


Fig.- No.	HATZ Ident-No.	Stück Qty.			P / W d / D	Bemerkungen Notes
		2L41C	3L41C	4L41C/K		
1	00929703	2	3	4		
2	-----	-	-	-		
3	03753000	2	3	4		
4	03775210	4	6	8		
5	03618401	2	3	4		
6	03753100	2	3	4		- 0,5 mm
7	01380600	2	3	4		
8	01380900	2	3	4		+ 0,5 mm
9	-----	-	-	-		
10	50236100	2	3	4		36 x 20 x 74
11	50349100	4	6	8		BS 36/3
12	01376100	2	3	4		
13	01376200	2	3	4		+ 0,5 mm
14	-----	-	-	-		
15	01807000	2	3	4		

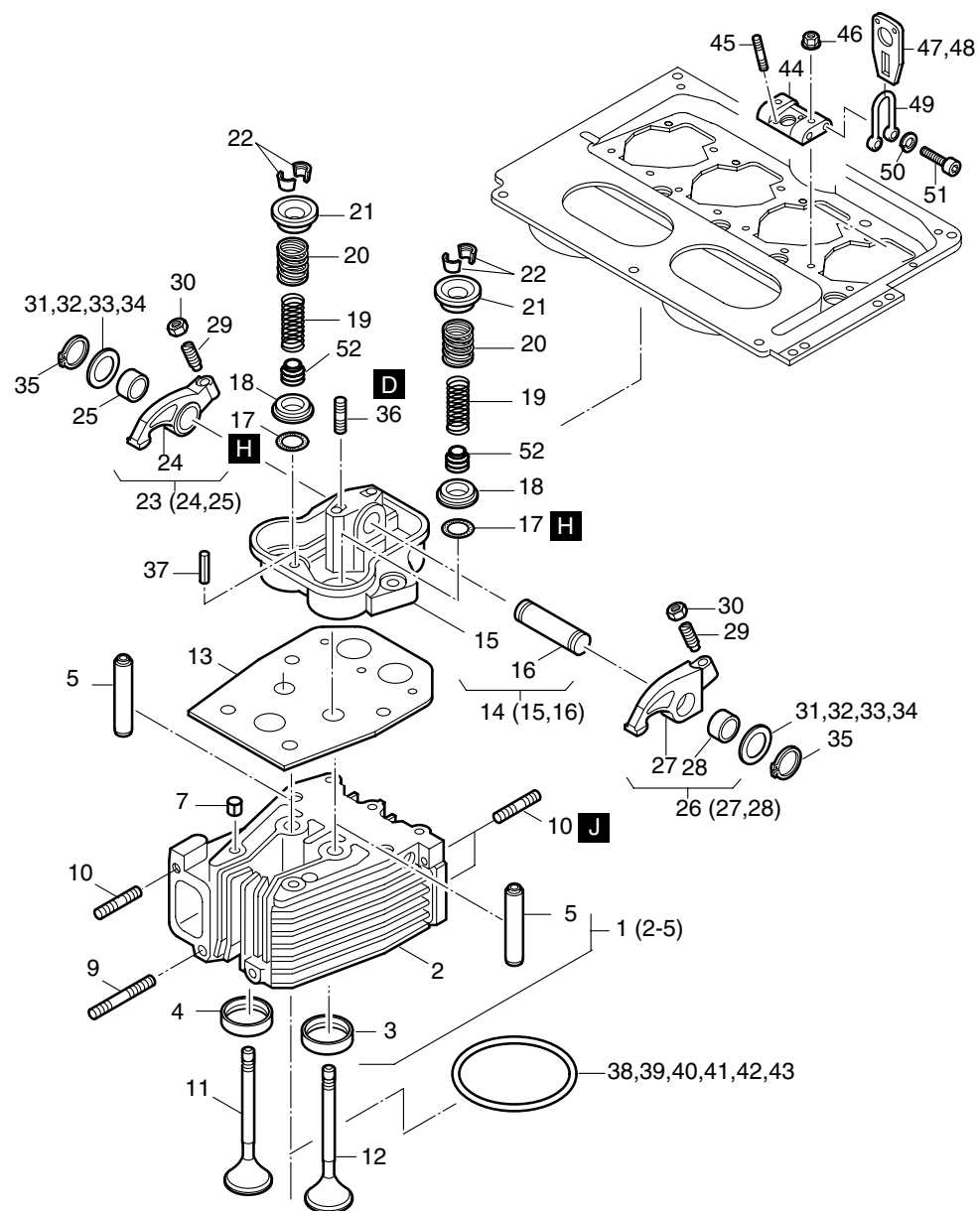


Fig.- No.	HATZ Ident-No.	Stück Qty.			P / W d / D	Bemerkungen Notes
		2L41C	3L41C	4L41C/K		
1	01317510	2	3	4		
2	-----	-	-	-		
3	-----	-	-	-		
4	-----	-	-	-		
5	04037701	4	6	8		
7	04103700	8	12	16		13 x 14
9	50132500	2	3	4		M 8 x 65 DIN 835-8.8
10	50128100	6	9	12		M 8 x 30 DIN 835 - 10.9 A3C
11	04108400	2	3	4		
12	04108500	2	3	4		
13	03624801	2	3	4		
14	00956200	2	3	4		
15	-----	-	-	-		
16	03469800	2	3	4		
17	50288100	4	6	8	d2	15 x 3,2
18	03393010	4	6	8		
19	03183500	4	6	8		
20	03325600	4	6	8		
21	03043402	4	6	8		
22	03620900	4	6	8		
23	00532500	2	3	4		
24	-----	-	-	-		
25	03184100	2	3	4		
26	00932800	2	3	4		
27	-----	-	-	-		
28	03184100	2	3	4		
29	03772000	4	6	8		
30	03149000	4	6	8	W2	
31	03580600	0... 4	0... 6	0... 8		19 / 0,15 mm
32	03233200	0... 4	0... 6	0... 8		19 / 0,20 mm
33	03233300	0... 4	0... 6	0... 8		19 / 0,30 mm
34	03456000	0... 4	0... 6	0... 8		19 / 0,40 mm
35	50020200	4	6	8		A 19 x 1,2 DIN 471
36	50040500	2	3	4		M10 x 25 DIN 939-5.6
37	50035200	2	3	4		6 x 12 DIN 1481 55 Si 7

Zylinderkopf
Cylinder head
Culasse
Culata
Testa

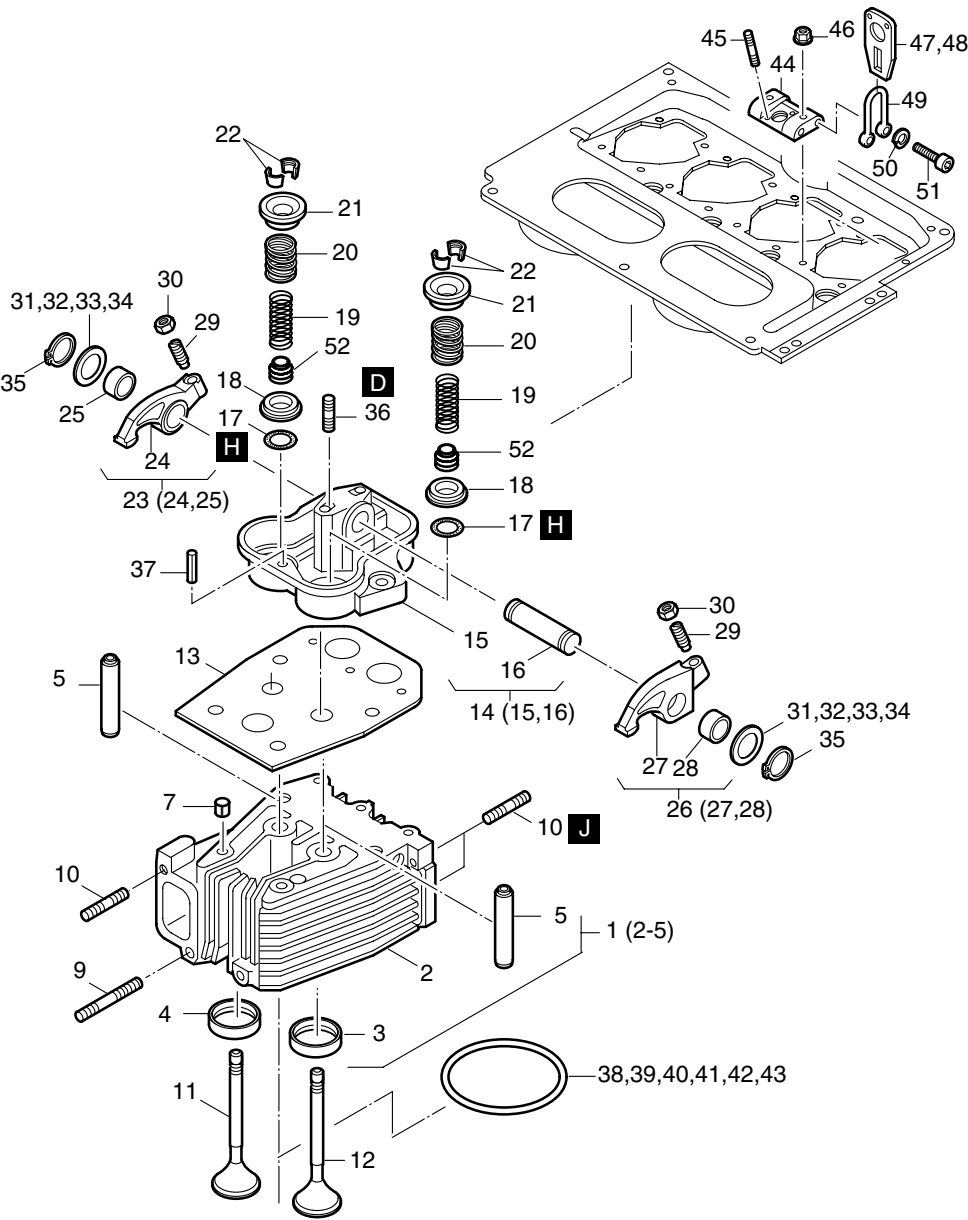


Fig.- No.	HATZ Ident-No.	Stück Qty.			P / W d / D	Bemerkungen Notes
		2L41C	3L41C	4L41C/K		
38	03625901	0... 2	0... 3	0... 4		0,7 mm
39	03626001	0... 2	0... 3	0... 4	d1	0,8 mm
40	03626101	0... 2	0... 3	0... 4		0,9 mm
41	03626201	0... 2	0... 3	0... 4	d1	1,0 mm
42	03626301	0... 2	0... 3	0... 4		1,1 mm
43	03626401	0... 2	0... 3	0... 4		1,2 mm
44	04108600	2	3	4		
45	50239000	4	6	8		M 8 x 55 DIN 939 - 8.8
46	03648100	10	15	20	P5	
47	-----	-	-	-		
48	03592000	1	1	1		C / K
49	03625000	1	1	1		
50	50002800	2	2	2		8 DIN 128
51	50129700	2	2	2		M 8 x 18 DIN 912 - 10.9
52	50284800	4	6	8	d2	

M08, M09, M10

Deckel z. Zyl.-Kopf, Stoßstange, Ölpumpe
 Cover cyl. - head, Pushrod, oil pump
 Couvercle culasse, Tige de culbuteur, pompe à huile
 Tapa culata, Varilla de balancin, bomba de aceite
 Coperchio bilanc., Asta bilancieri, pompa olio

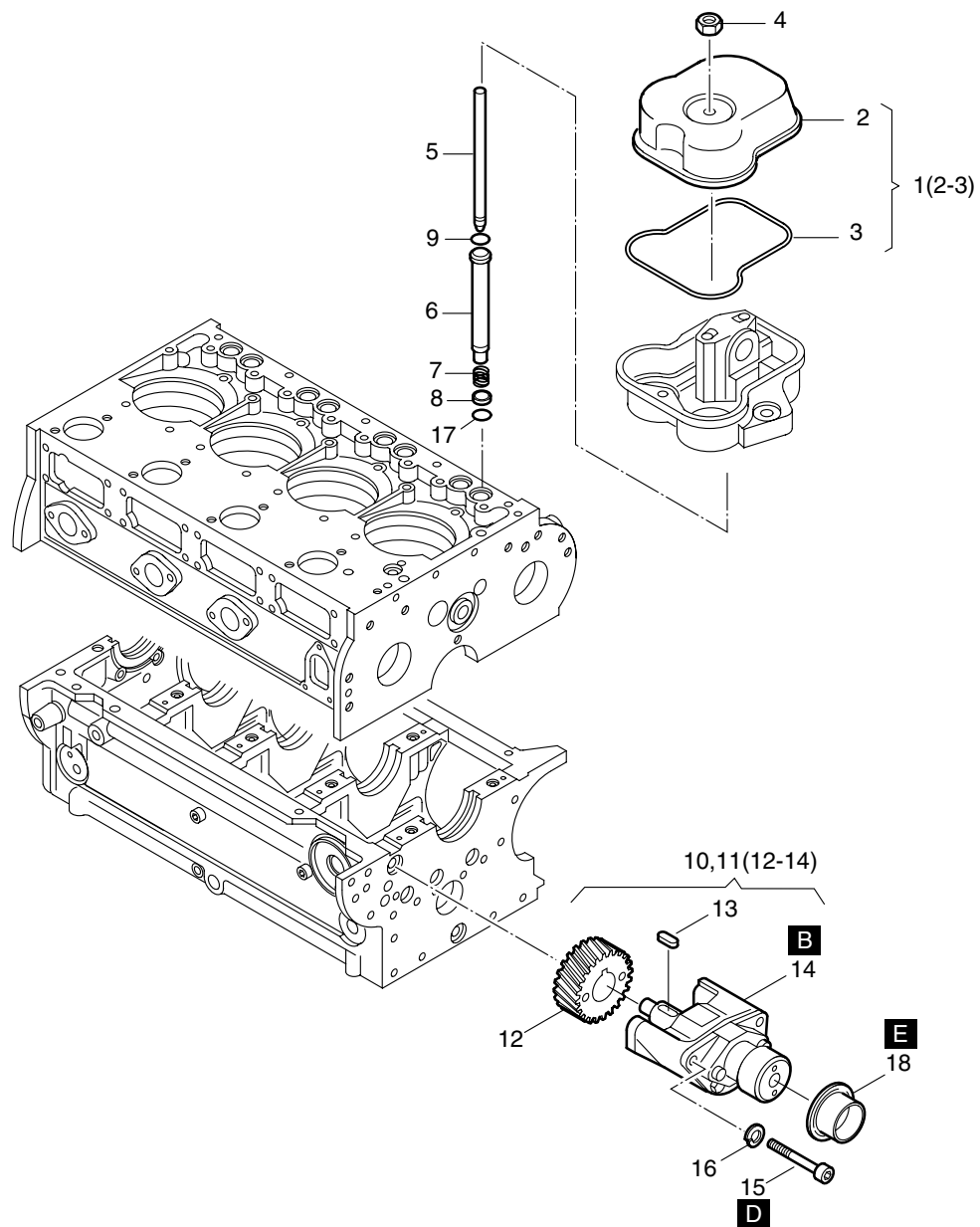


Fig.- No.	HATZ Ident-No.	Stück Qty.			P / W d / D	Bemerkungen Notes
		2L41C	3L41C	4L41C/K		
1	01205900	2	3	4		
2	-----	-	-	-		
3	50224900	2	3	4	W4/6/8	123 x 2,5
4	50132300	2	3	4	W2/3/4	M10
5	00743600	4	6	8		
6	03566701	4	6	8		
7	03185100	4	6	8		
8	03185200	4	6	8		
9	50288000	4	6	8	d2	17 x 3
10	00924204	1	1	-		
11	00923904	-	-	1		
12	03562020	1	1	1		
13	50316800	1	1	1		A 4 x 4 x 20 DIN 6885
14	-----	-	-	-		
15	50206800	3	3	3		M 8 x 105 DIN 912 - 8.8
16	50002800	3	3	3		8 DIN 128
17	50288100	4	6	8	d2	15 x 3,2
18	50289400	0... 1	0... 1	0... 1		55 x 19

M11

Steuerdeckel
Timing cover
Couvercle distribution
Tapa de mando
Coperchio distribuzione

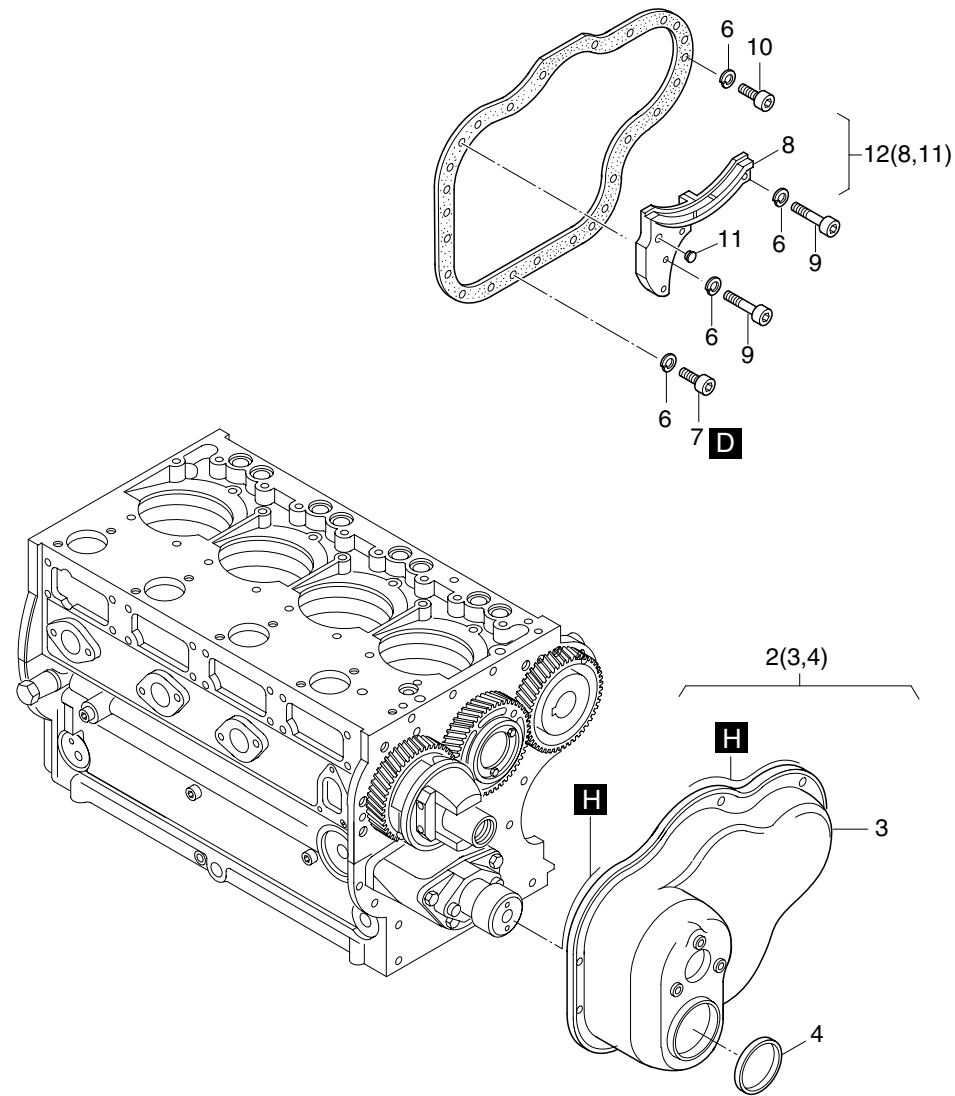


Fig.- No.	HATZ Ident-No.	Stück Qty.			P / W d / D	Bemerkungen Notes
		2L41C	3L41C	4L41C/K		
2	00993201	1	1	1		
3	-----	-	-	-		
4	50129100	1	1	1		
6	50002800	22	22	22		
7	50205800	4	4	4		
8	-----	-	-	-		
9	50052800	5	5	5		
10	50051600	13	13	13		
11	50390400	1	1	1		
12	01687200	1	1	1		

D1 55 x 70 x 8
8 DIN 128
M 8 x 12 DIN 912 - 8.8
M 8 x 55 DIN 912 - 8.8
M 8 x 16 DIN 912 - 8.8
F11 ø 14,3

M12

Startfüllung
Extra fuel device
Surcharge
Sobre aliment.-arranque
Supplemento

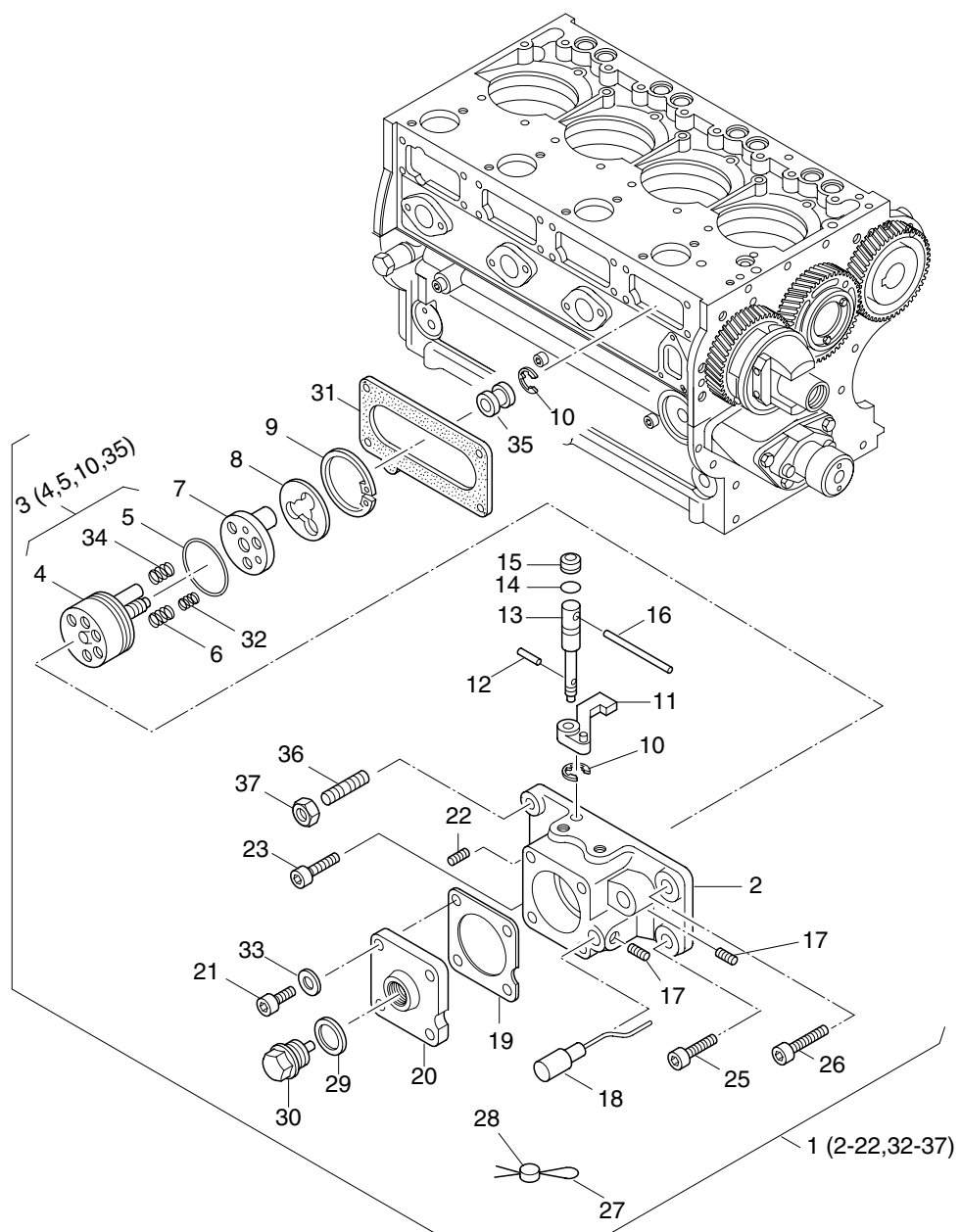


Fig.- No.	HATZ Ident-No.	Stück Qty.			P / W d / D	Bemerkungen Notes
		2L41C	3L41C	4L41C/K		
1	01586900	1	1	1		
2	-----	-	-	-		
3	01201820	1	1	1		
4	-----	-	-	-		
5	50263100	1	1	1	D1	37,8 x 1,5
6	03881100	3	3	3		
7	03854210	1	1	1		
8	03929700	1	1	1		
9	50021500	1	1	1		J 42 x 1,75 DIN 472
10	50117200	2	2	2		RA 4ME DIN 6799
11	03670210	1	1	1		
12	50131800	1	1	1		2,5 x 10 DIN 1481
13	03828810	1	1	1		
14	40021700	1	1	1	D1	4,47 x 1,78
15	50324400	1	1	1	D1	V-8S
16	50034300	1	1	1		3 x 36 DIN 1481
17	50262300	2	2	2		M 4 x 10 DIN 915-45H Tuf
18	01076210	1	1	1		
19	03934400	1	1	1	D1	
20	01162100	1	1	1		
21	50416800	4	4	4		M 6 x 16 DIN 912 - 8.8 A3C Tuf.
22	50262400	3	3	3		M 6 x 10 DIN 916-Tuf. 360 G
23	50134900	1	1	1		M 8 x 16 DIN 6912-8.8 A3C
25	50128900	1	1	1		M 8 x 16 DIN 912 - 8.8
26	03960300	1	1	1		M 8 x 20
27	40021500	1	1	1		0,5 / 0,3 x 200
28	40021400	1	1	1		8 mm ø
29	50001200	1	1	1		A 14 x 18 DIN 7603-Cu
30	01097800	1	1	1		
31	03614002	1	1	1	D1	
32	03935200	3	3	3		
33	50170900	4	4	4		6 DIN 128 - A3C
34	03617800	1	1	1		
35	03841800	1	1	1		
36	04123900	1	1	1		M 8 x 19 Tuf
37	40028400	1	1	1		VM 8 DIN 980-8 C3A

M13

Gebläse
Blower
Soufflerie
Ventilador
Ventilatore

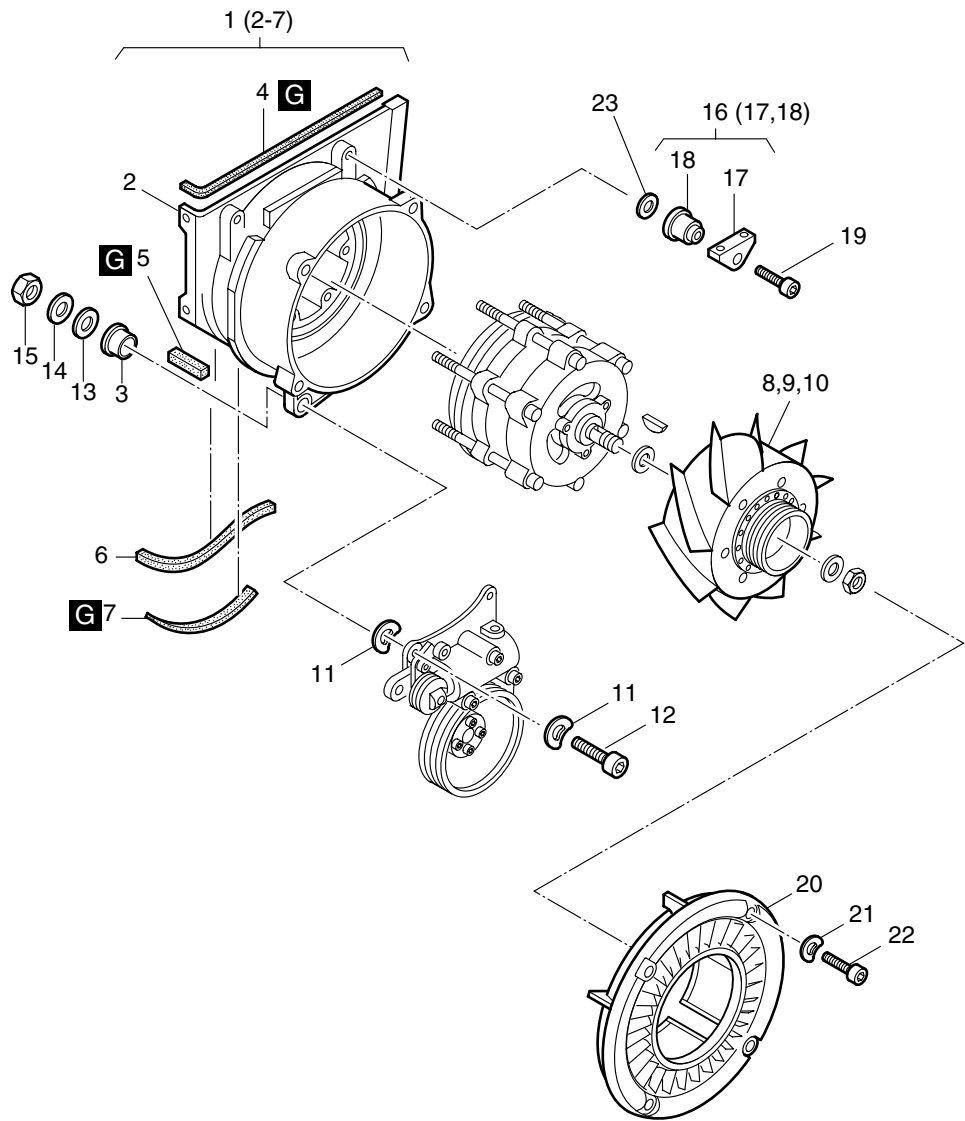


Fig.- No.	HATZ Ident-No.	Stück Qty.			P / W d / D	Bemerkungen Notes
		2L41C	3L41C	4L41C/K		
1	01203701	1	1	1		
2	-----	-	-	-		
3	03562500	2	2	2		
4	03552600	1	1	1		325 mm
5	03598500	1	1	1		33 mm
6	03552401	1	1	1		240 mm
7	03612700	1	1	1		193 mm
8	01205201	1	-	-		
9	00999101	-	1	-		
10	00989701	-	-	1		
11	50061700	4	4	4		A 10 DIN 137
12	50055100	2	2	2		M 10 x 55 DIN 912 - 8.8
13	50070600	2	2	2		10,5 x 25 x 4 DIN 7349 A3C
14	50002900	2	2	2		A 10 DIN 128
15	50023500	2	2	2		M 10 DIN 934 - 8
16	00919800	2	2	2		
17	-----	-	-	-		
18	03562500	2	2	2		
19	50052600	2	2	2		M 8 x 45 DIN 912 - 8.8
20	03762800	1	1	1		
21	50081200	4	4	4		A 6 DIN 137 - A3C
22	50253200	4	4	4		M 6 x 50 DIN 7985 - 4.8 A3R
23	03595600	0... 4	0... 4	0... 4		

M14

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

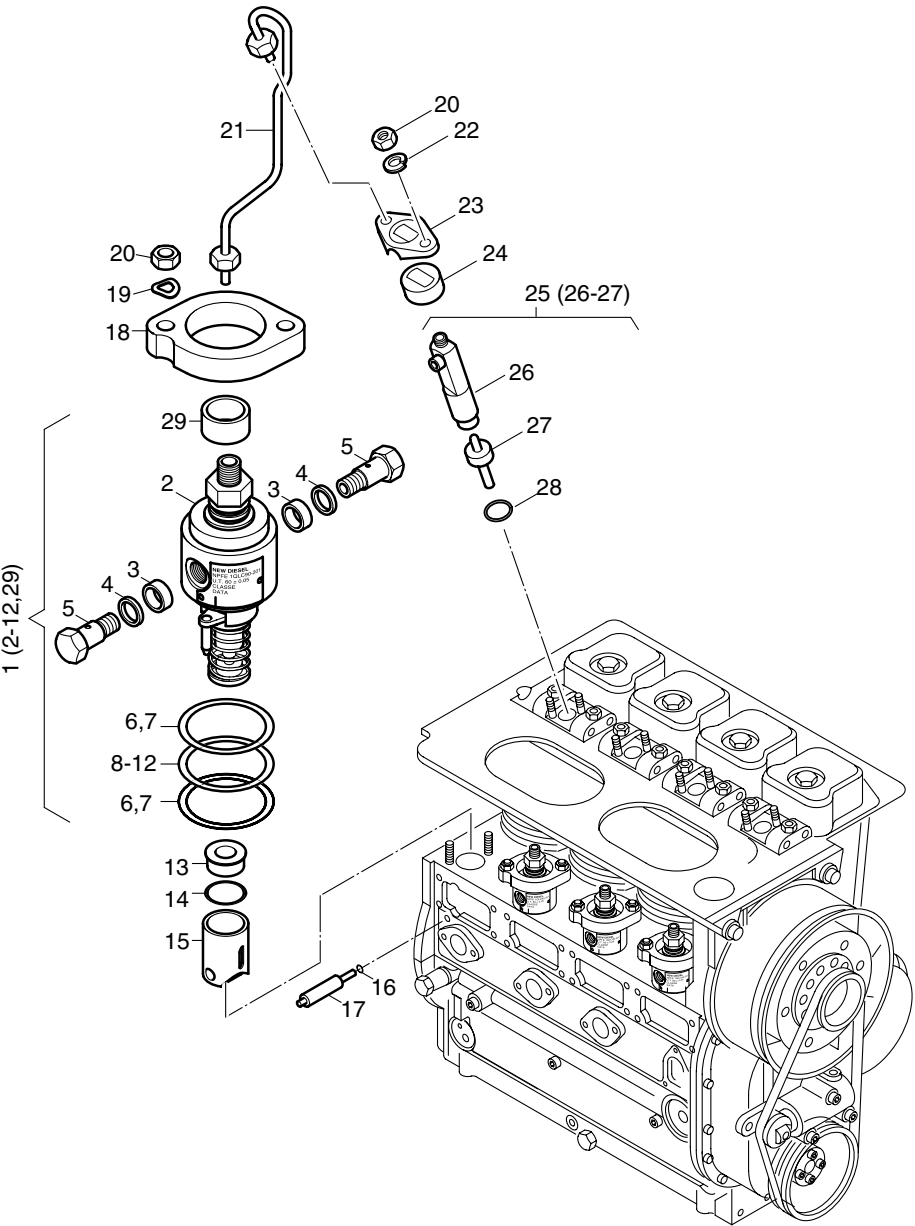
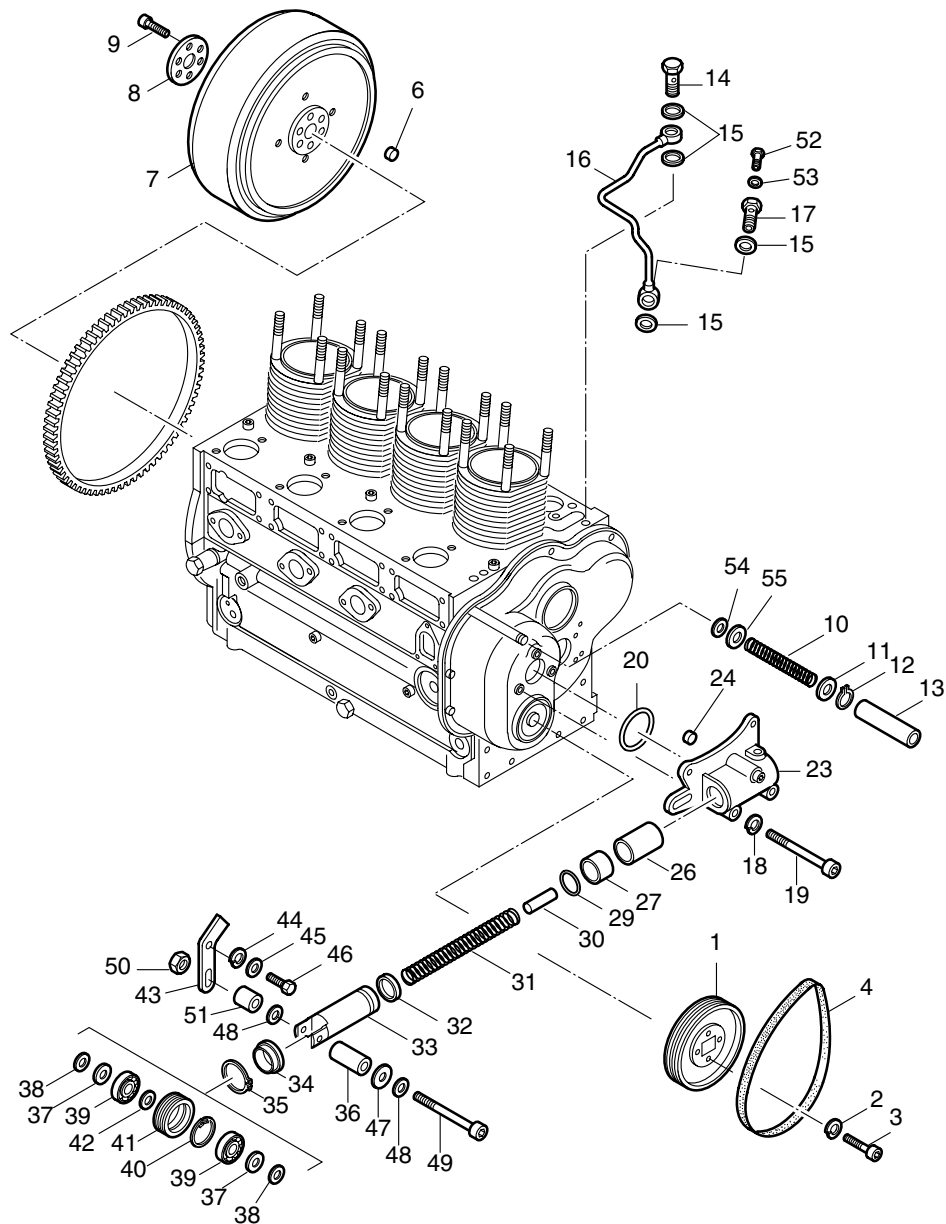


Fig.- No.	HATZ Ident-No.	St�ck Qty.			P / W d / D	Bemerkungen Notes
		2L41C	3L41C	4L41C/K		
1	01806400	2	3	4		
2	-----	-	-	-		
3	04233701	4	6	8		12,1 x 15,5 x 5
4	04233602	4	6	8		12,1 x 15,5 x 1,5
5	50555301	4	6	8		
6	04209400	0... 2	0... 3	0... 4	D4	0,20mm
7	04209500	0... 2	0... 3	0... 4	D4	0,30mm
8	50527300	0... 2	0... 3	0... 4		42 x 52 x 0,10
9	50527400	0... 2	0... 3	0... 4		42 x 52 x 0,30
10	50527500	0... 2	0... 3	0... 4		42 x 52 x 0,50
11	04233800	0... 2	0... 3	0... 4		42 x 52 x 0,80
12	50527800	0... 2	0... 3	0... 4		42 x 52 x 1,00
13	04206410	2	3	4		
14	50549300	2	3	4		18 x 1,2
15	50492900	2	3	4		
16	50524400	2	3	4	D4	3 x 2
17	04206300	2	3	4		
18	04210600	2	3	4		
19	50148100	4	6	8		8,4 DIN 125-St A3C
20	50022900	8	12	16	P4	M 8 DIN 934 - 8
21	01379500	2	3	4		
22	50002800	4	6	8	P4	8 DIN 128
23	03460500	2	3	4		
24	03466500	2	3	4		
25	50548300	2	3	4		
26	-----	-	-	-		
27	50548400	2	3	4	P1	
28	04228700	2	3	4	d1	
29	04228800	2	3	4		20 x 25,5 x 11

M16, M17, M20

Riemenscheibe, Schwungrad, Hydr. Abstellvorrichtung
Pulley, flywheel, hydr. belt tensioner
Poulie, volant, tendeur hydr.
Polea, volante, tensor. hidr.
Puleggia, volano, tendicinighia idraulico

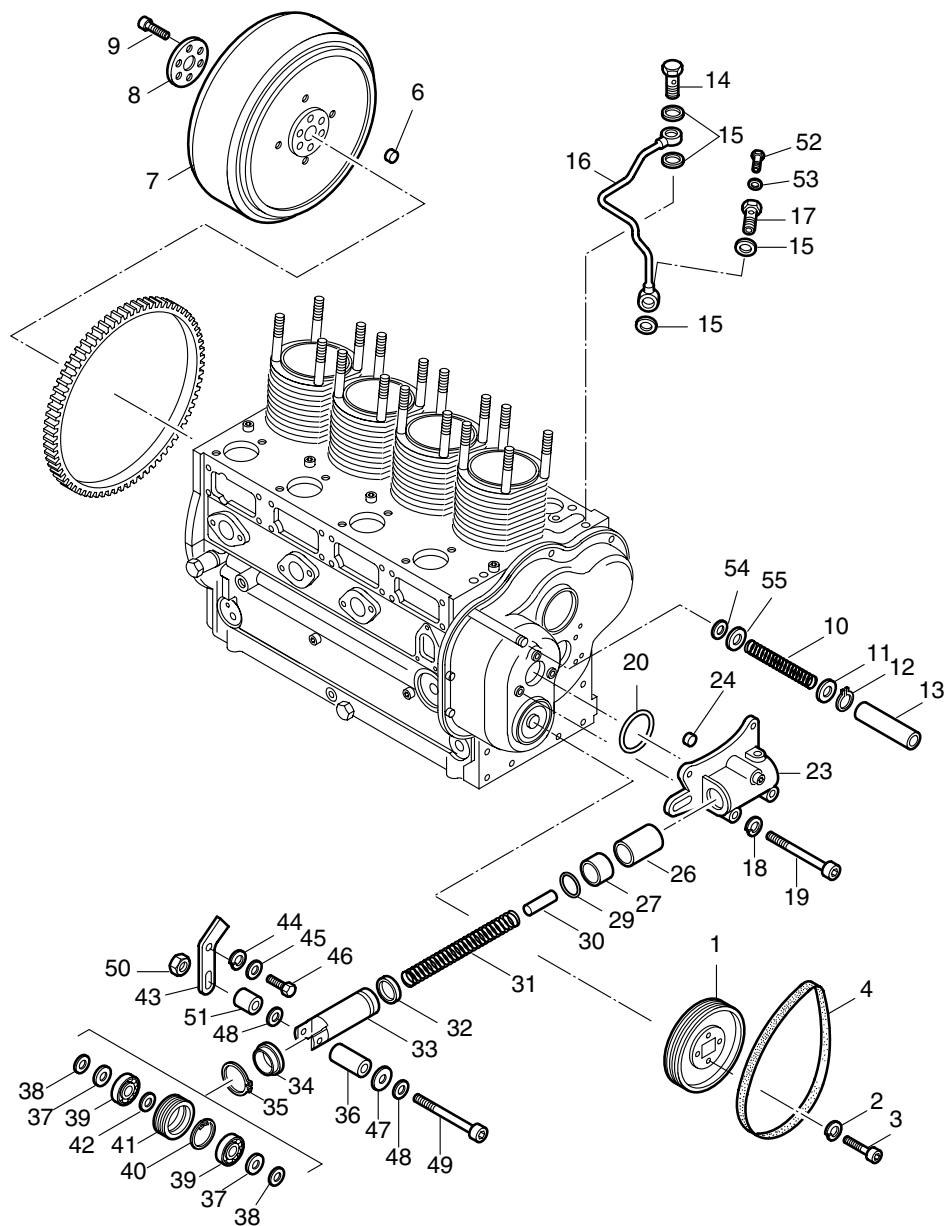


21(23-24,26-27,29-51)

Fig.- No.	HATZ Ident-No.	Stück Qty.			P / W d / D	Bemerkungen Notes
		2L41C	3L41C	4L41C/K		
1	03589801	1	1	1		
2	50002800	4	4	4		8 DIN 128
3	50051900	4	4	4		M 8 x 20 DIN 912-8.8
4	50203101	1	-	-	P1	9 J 920
4	50141501	-	1	1	P1	9 J 910
6	03630600	1	1	1		
7	03733702	1	1	1		SAE J 620
8	03645800	1	1	1		
9	50225100	6	6	6		M 14 x 1,5 x 45 DIN 912 - 10.9
10	03468000	1	1	1		
11	03133200	1	1	1		
12	50019400	1	1	1		A 8 x 0,8 DIN 471
13	03568200	1	1	1		
14	50006100	1	1	1		4-5-3 DIN 7643
15	50000900	4	4	4		A 8 x 11,5 DIN 7603-Cu
16	00910000	1	1	1		
17	03724800	1	1	1		
18	50003500	3	3	3		B8 DIN 137
19	50081800	3	3	3		M8 x 65 DIN 912 - 8.8
20	50132401	1	1	1	D1	53,57 x 3,53
21	00995503	1	1	1		
23	-----	-	-	-		
24	40084700	1	1	1		
26	50220900	1	1	1		
27	50220800	1	1	1		
29	50219700	1	1	1	D1	31,35 x 3,53
30	03639300	1	1	1		
31	03589100	1	1	1		
32	50221100	1	1	1	D1	
33	03589622	1	1	1		
34	03643001	1	1	1	D1	
35	50290400	1	1	1		JW 45 x 1,75 DIN 472
36	03764600	1	1	1		

M16, M17, M20

Riemenscheibe, Schwungrad, Hydr. Abstellvorrichtung
Pulley, flywheel, hydr. belt tensioner
Poulie, volant, tendeur hydr.
Polea, volante, tensor. hidr.
Puleggia, volano, tendicinighia idraulico



21(23-24,26-27,29-51)

Fig.- No.	HATZ Ident-No.	Stück Qty.			P / W d / D	Bemerkungen Notes
		2L41C	3L41C	4L41C/K		
37	50250000	2	2	2		
38	03764800	2	2	2		12,1 x 16 x 2,6
39	50249900	2	2	2		J 28 x 1,2 DIN 472
40	50020700	1	1	1		
41	03589421	1	1	1		
42	50132100	1	1	1		12 x 18 x 1,2
43	03589510	1	1	1		
44	03589300	1	1	1		
45	50002700	1	1	1		6 DIN 128
46	50025800	1	1	1		M 6 x 20 DIN 933 - 8.8
47	03764900	1	1	1		8,4 x 40 x 1
48	50148100	2	2	2		8,4 DIN 125-St A3C
49	50081800	1	1	1		M8 x 65 DIN 912 - 8.8
50	40028400	1	1	1		VM 8 DIN 980-8 C3A
51	03764700	1	1	1		
52	50025300	1	1	1		M 6 x 8 DIN 933 - 8.8
53	50000800	1	1	1		A 6,5 x 9,5 DIN 7603-Cu
54	50346700	1	1	1	D1	7,5 x 2,5
55	04102700	1	1	1	D1	

M22, M27

Luftfilter, Luftansaugrohr
Air filter, air intake manifold
Filtre à air, Collecteur d'admission
Filtro de aire tubo de aspiración
Filtro aria, collettore aspirazione

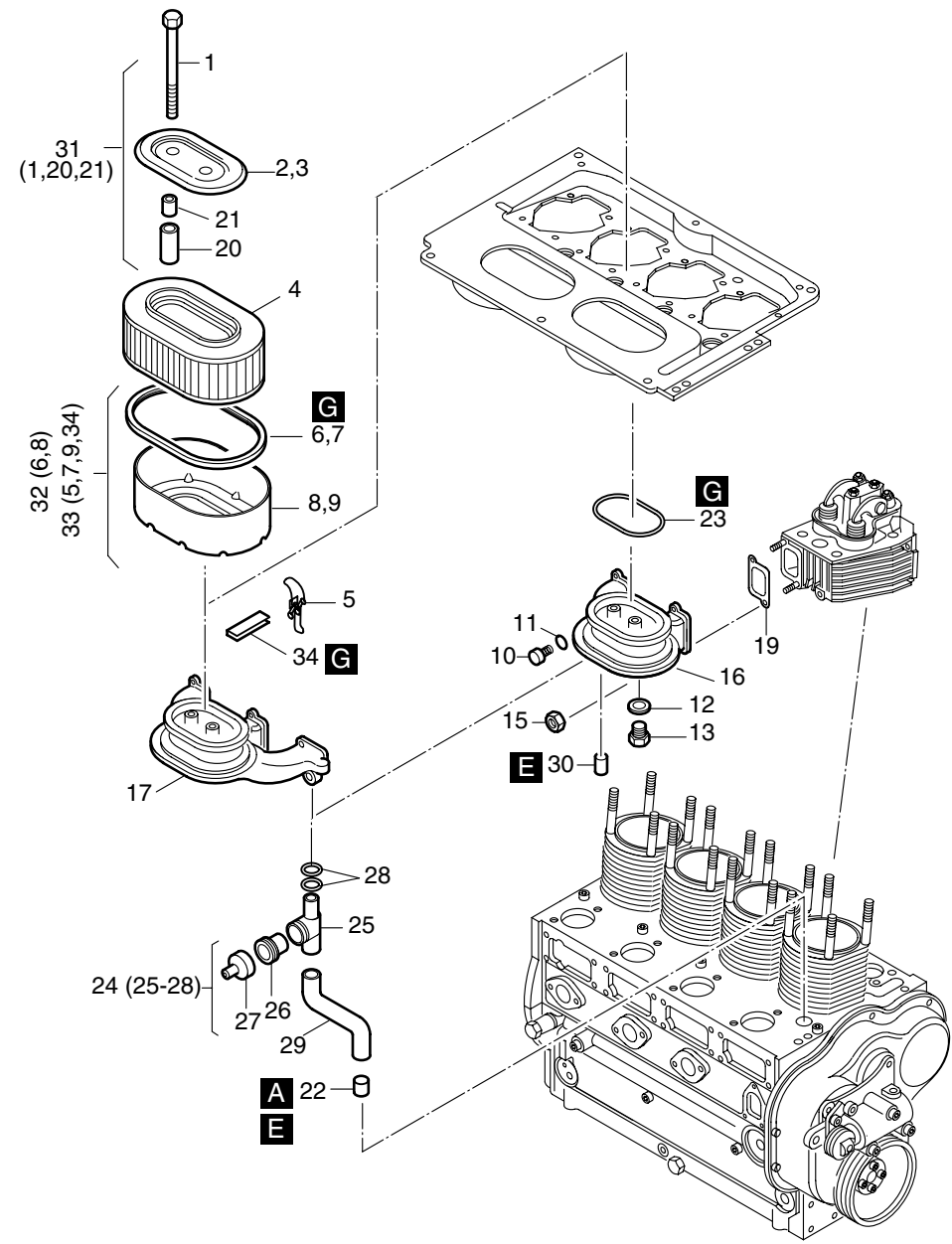


Fig.- No.	HATZ Ident-No.	Stück Qty.			P / W d / D	Bemerkungen Notes
		2L41C	3L41C	4L41C/K		
1	-----	-	-	-		
2	00953001	1	-	2		
3	00999500	-	1	-		
4	00952900	1	1	2	W2/4	
5	50257400	-	1	-		
6	03647600	1	-	2	W1/2	
7	03769800	-	1	-	W1	
8	-----	-	-	-		
9	-----	-	-	-		
10	50062300	1	1	2		M 10 x 1 DIN 908-5.8 A3C
11	50062400	1	1	2	D3	A 10 x 13,5 DIN 7603-Cu
12	50001600	1	1	2		A 22 x 27 DIN 7603 Cu
13	50140400	1	1	2		AM22x1,5DIN7604-5.8A3C
15	40028400	4	6	8	P4	VM 8 DIN 980-8 C3A
16	03624304	1	-	2		
17	03632103	-	1	-		
19	03624402	2	3	4	d1	
20	-----	-	-	-		
21	04085700	2	2	4	d1	7 x 12 x 12
22	03649000	1	1	1		
23	03648600	1	1	2		
24	00947801	1	1	1		
25	-----	-	-	-		
26	03568700	1	1	1		
27	03568600	1	1	1		
28	50326700	2	2	2	D2	9,7 x 1
29	03648900	1	1	1		
30	03756700	-	-	1		11,8
31	01494000	2	2	4		
32	00953300	1	-	2		
33	00999600	-	1	-		
34	04119000	-	1	-		90 mm

M26a

Luftführung
 Air ducting
 Carter ventilation
 Conducción de aire
 Carter ventilatore

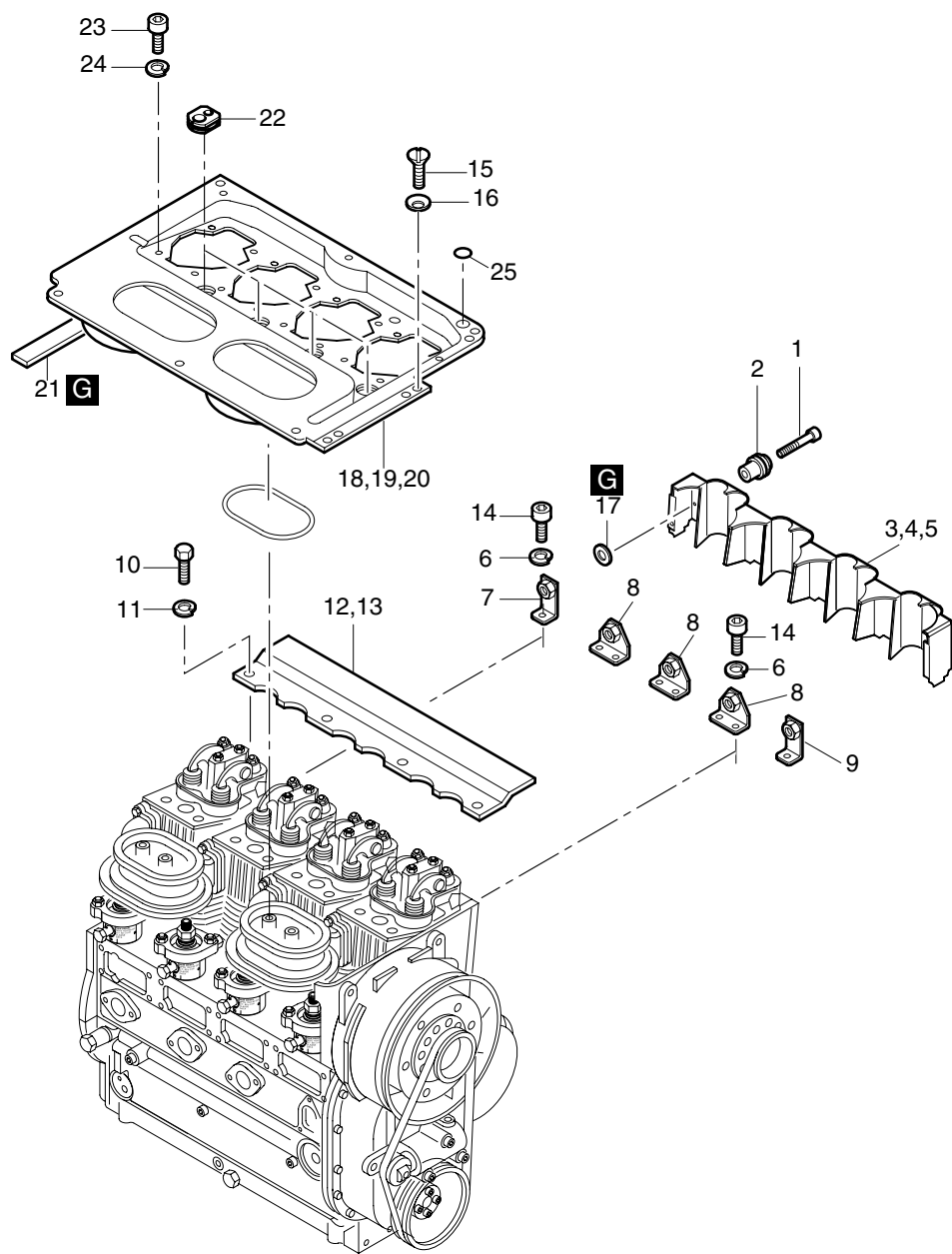


Fig.- No.	HATZ Ident-No.	Stück Qty.			P / W d / D	Bemerkungen Notes
		2L41C	3L41C	4L41C/K		
1	50051000	3	4	5		M 6 x 30 DIN 912-8.8
2	00932700	3	4	5		
3	00938000	1	-	-		
4	00938100	-	1	-		
5	00938200	-	-	1		
6	50002800	4	6	8		8 DIN 128
7	00923400	1	1	1		
8	00923300	1	2	3		
9	00923500	1	1	1		
10	50026600	2	3	-		M 8 x 12 DIN 933 - 8.8
11	50002800	2	3	-		8 DIN 128
12	03590700	1	-	-		
13	03591501	-	1	-		
14	50051600	4	6	8		M 8 x 16 DIN 912 - 8.8
15	50205200	4	4	4	P4	M 8 x 16 DIN 965 - 8.8
16	50205100	4	4	4	P4	V 8,4 DIN 6797
17	03575500	3	4	5		
18	00934302	1	-	-		
19	00939702	-	1	-		
20	00939802	-	-	1		
21	03648500	1	1	1		
22	03592700	2	3	4	P2	
23	50050700	4	6	8	P4	M 6 x 16 DIN 912-8.8
24	50081200	4	6	8	P4	A 6 DIN 137 - A3C
25	01213900	1	1	1		

M26b

Luftführung
 Air ducting
 Carter ventilation
 Conducción de aire
 Carter ventilatore

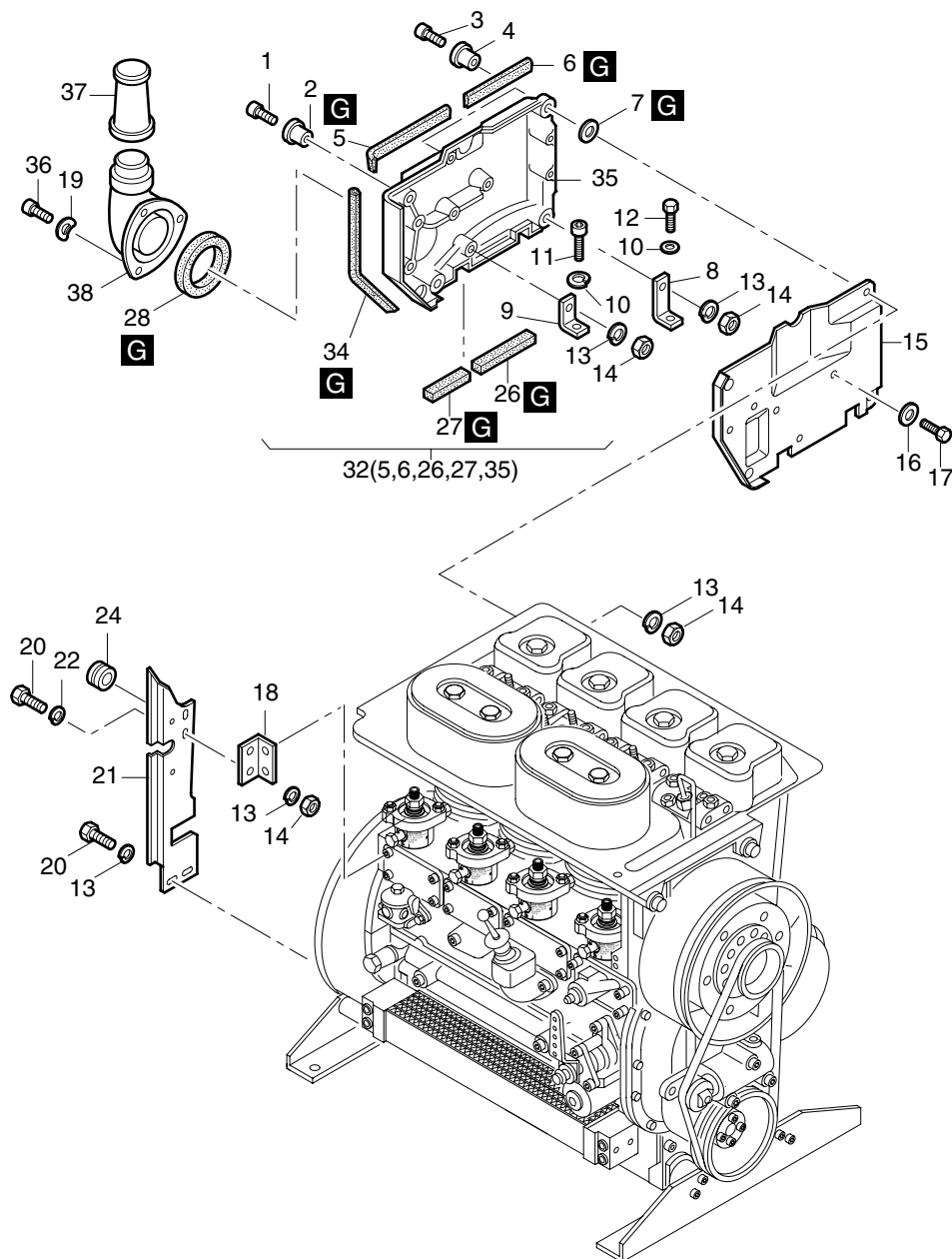
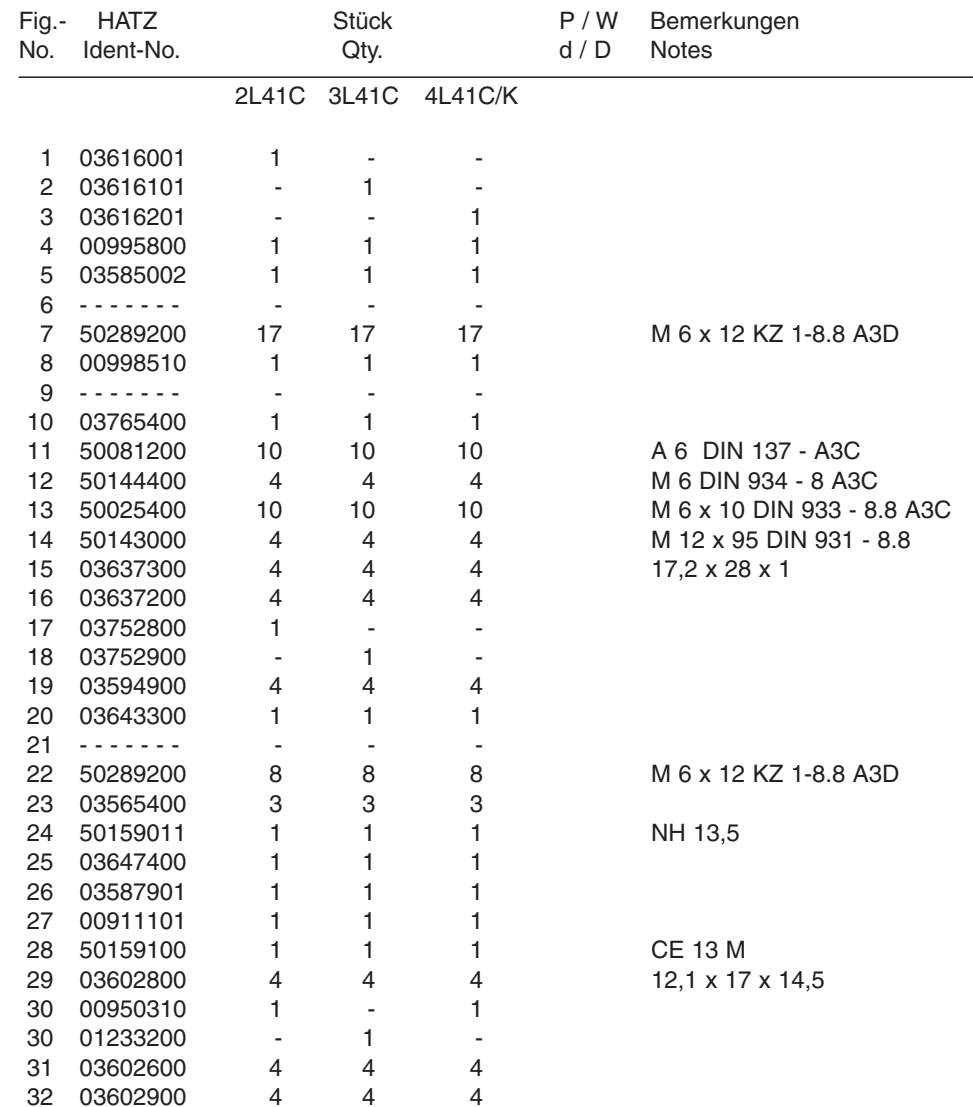


Fig.- No.	HATZ Ident-No.	Stück Qty.			P / W d / D	Bemerkungen Notes
		2L41C	3L41C	4L41C/K		
1	50374900	2	2	2		M 6 x 35 DIN 912-8.8 A3C
2	00932700	2	2	2		
3	50051000	2	2	2		M 6 x 30 DIN 912-8.8
4	00921500	2	2	2		
5	04071000	1	1	1		209 mm
6	03565100	1	1	1		8 x 8 x 110mm
7	03575500	4	4	4		
8	03646800	1	1	1		
9	03646900	1	1	1		
10	50002800	2	2	2		8 DIN 128
11	50051600	1	1	1		M 8 x 16 DIN 912 - 8.8
12	50026700	1	1	1		M 8 x 16 DIN 933 - 8.8
13	50081200	5	5	5		A 6 DIN 137 - A3C
14	50144400	6	6	6		M 6 DIN 934 - 8 A3C
15	03646201	1	1	1		
16	50081200	7	7	7		A 6 DIN 137 - A3C
17	50025500	7	7	7		M 6 x 12 DIN 933 - 8.8
18	03590100	1	1	1		
19	50170900	3	3	3		6 DIN 128 - A3C
20	50025500	4	4	4		M 6 x 12 DIN 933 - 8.8
21	03647201	1	1	1		
22	50144500	2	2	2		6,4 DIN 125-St A3C
24	03565400	1	1	1		
26	03565100	1	1	1		8 x 8 x 110mm
27	04071100	1	1	1		88 mm
28	03647300	1	1	1		
32	00953200	1	1	1		
34	03646300	1	1	1		
35	-----	-	-	-		
36	50170700	3	3	3		M 6 x 16 DIN 912-8.8 A3C
37	03780300	1	1	1		
38	01219100	1	1	1		

Kapsel C / K
Capsule C / K
Capsule C / K
Cápsula C / K
Cofanatura C / K



M35a

Kapsel C / K
Capsule C / K
Capsule C / K
Cápsula C / K
Cofanatura C / K

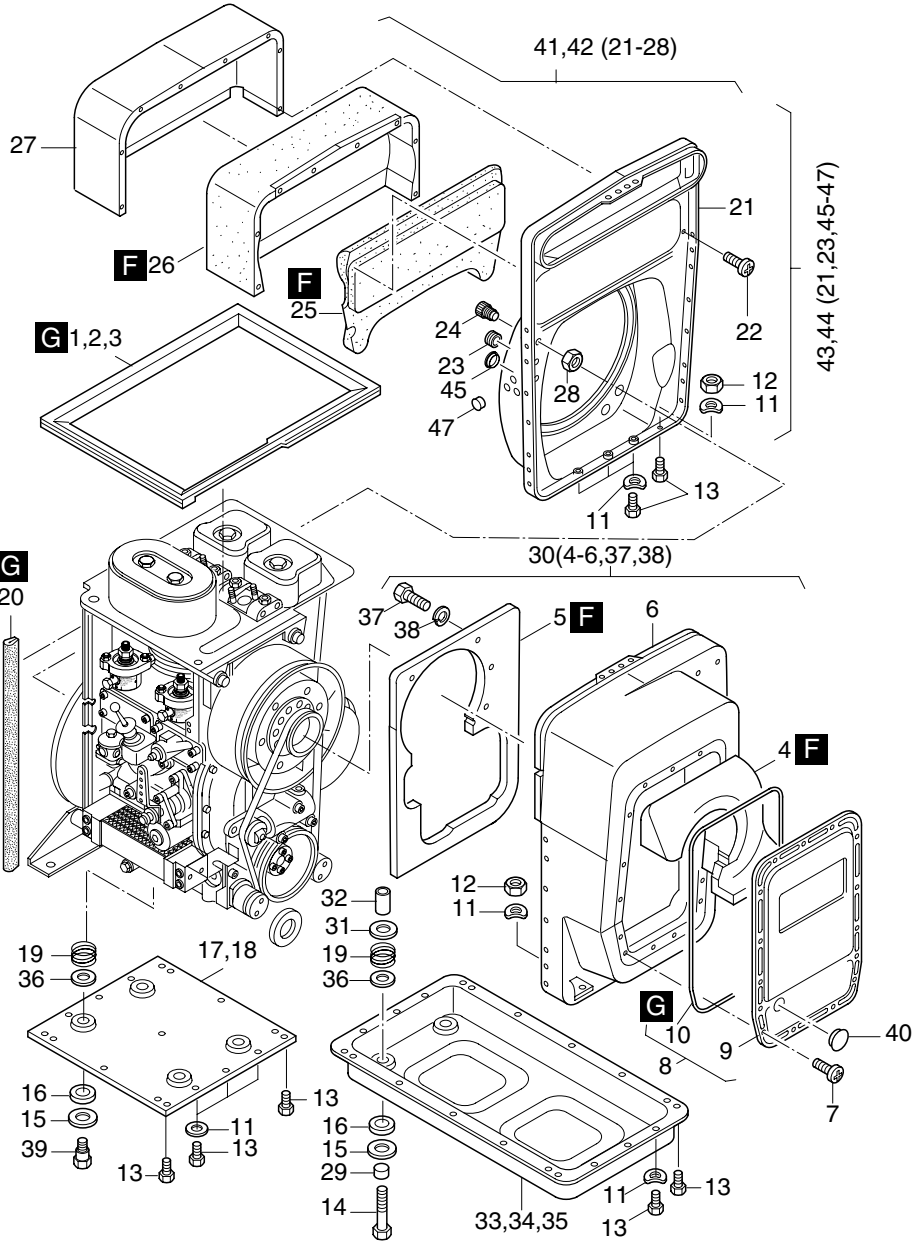


Fig.- No.	HATZ Ident-No.	Stück Qty.			P / W d / D	Bemerkungen Notes
		2L41C	3L41C	4L41C/K		
33	00921800	1	-	-		s.Grp A07 Pos 15
34	00921900	-	1	-		s.Grp A07 Pos 16
35	00922001	-	-	1		s.Grp A07 Pos 17
36	03595200	4	4	4		
37	50026600	2	2	2		M 8 x 12 DIN 933 - 8.8
38	50002800	2	2	2		8 DIN 128
39	03595000	4	4	-		
40	03769301	1	1	1		ø 50mm
41	01466100	1	-	1		
42	01466200	-	1	-		
43	01652700	1	-	1		
44	01652800	-	1	-		
45	50488800	2	2	2		(ø 17,6)
47	50490100	3	3	3		V211 (ø 23,6)

Kapsel - Abluftschacht 2-3 L..C
 Capsule - air ducting 2-3 L..C
 Capsule - carter ventilation 2-3 L..C
 Cápsula chapa de aire 2-3 L..C
 Cofanatura silenzziata 2-3 L..C

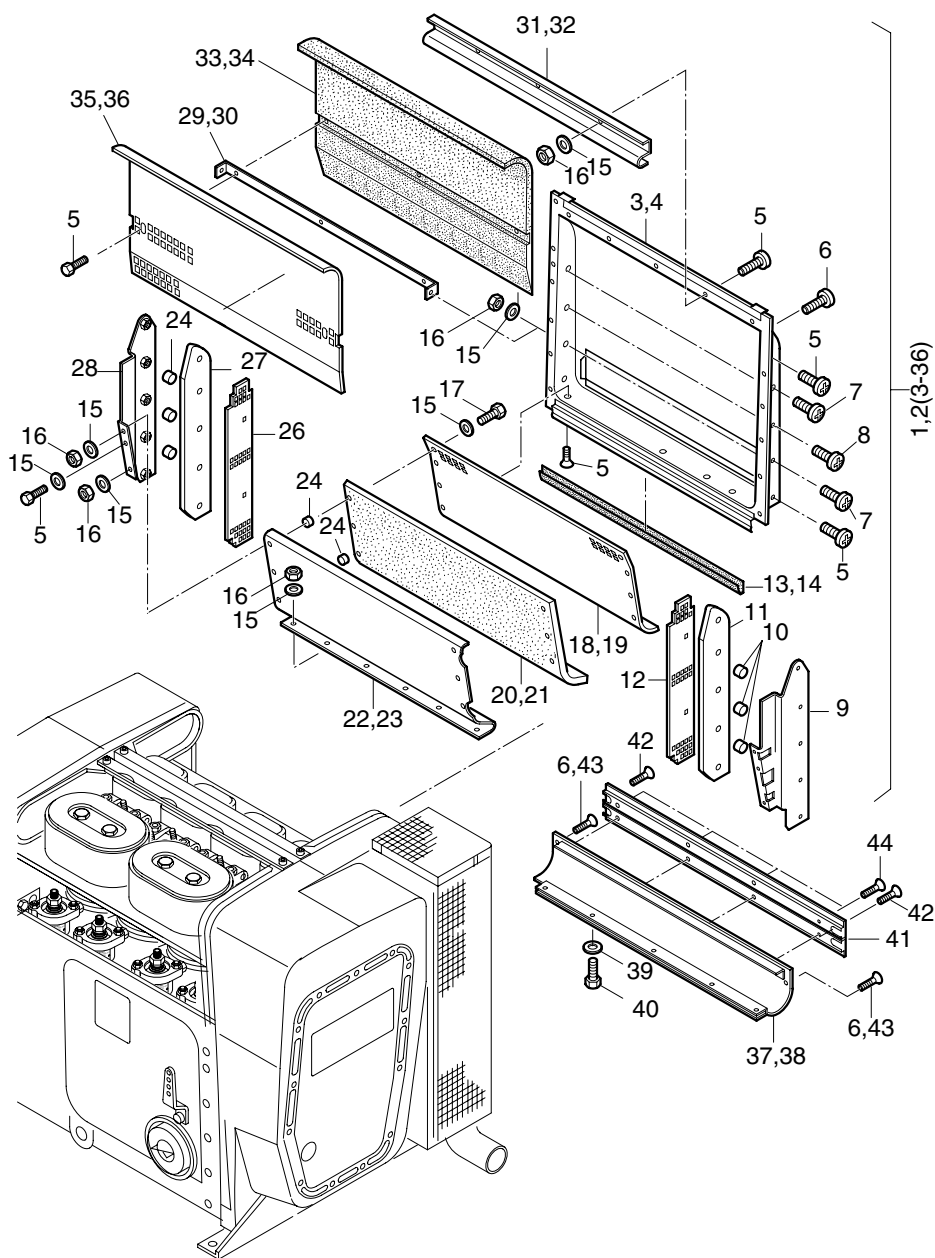


Fig.- No.	HATZ Ident-No.	Stück Qty.	2 L 41 C	3 L 41 C	P / W d / D	Bemerkungen Notes
1	00925601	1	-	-		
2	00925710	-	1	-		
3	00748001	1	-	-		
4	00907010	-	1	-		
5	50289200	12	15			M 6 x 12 KZ 1-8.8 A3D
6	50289200	14	14			M 6 x 12 KZ 1-8.8 A3D
7	50404400	4	4			M 6 x 35 KZ 1-8.8 A3D
8	50404400	2	2			M 6 x 35 KZ 1-8.8 A3D
9	00908401	1	1			
10	03590500	3	3			7 x 14 x 13,7
11	03587101	1	1			
12	03590801	1	1			
13	03593300	1	-			
14	-----	-	-			
15	50144500	20	22			6,4 DIN 125-St A3C
16	50144400	16	18			M 6 DIN 934 - 8 A3C
17	50026100	4	4			M 6 x 30 DIN 933 - 8.8
18	03591000	1	-			
19	03591200	-	1			
20	03587600	1	-			
21	03587700	-	1			
22	00908000	1	-			
23	00908100	-	1			
24	03590500	7	7			7 x 14 x 13,7
26	03590801	1	1			
27	03750401	1	1			
28	00908301	1	1			
29	03590600	1	-			
30	03591300	-	1			
31	03584701	1	-			
32	03584801	-	1			
33	03587300	1	-			
34	03587400	-	1			
35	03590900	1	-			
36	03591100	-	1			
37	00949900	1	-			
38	00950010	-	1			
39	50144500	3	4			6,4 DIN 125-St A3C
40	50025400	3	4			M 6 x 10 DIN 933 - 8.8 A3C
41	01232400	-	1			
42	50139000	-	4			M 6 x 10 DIN 912-8.8 C4P
43	50335600	-	4			M 6 x 16 KZ 1-8.8 A3D
44	50289200	-	8			M 6 x 12 KZ 1-8.8 A3D

Kapsel - Abluftschacht 4 L..C / K
 Capsule - air ducting 4 L..C / K
 Capsule - carter ventilation 4 L..C / K
 Cápsula chapa de aire 4 L..C / K
 Cofanatura silenzziata 4 L..C / K

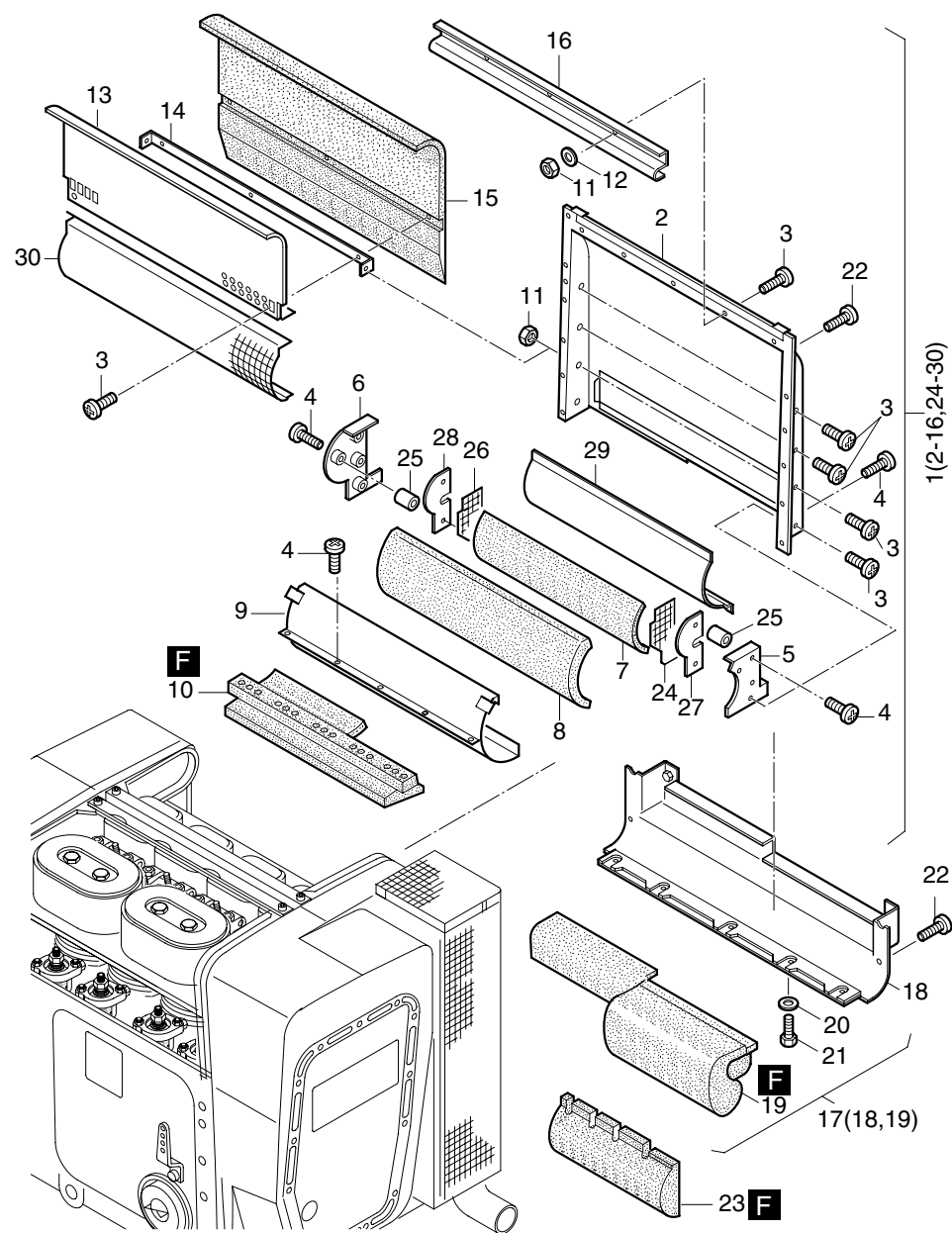


Fig.- No.	HATZ Ident-No.	Stück Qty.	P / W d / D	Bemerkungen Notes
4 L 41 C/K				
1	00996802	1		
2	00996010	1		
3	50289200	22		M 6 x 12 KZ 1-8.8 A3D
4	50049300	14		M 5 x 10 DIN 7985-8.8 A3R
5	00996200	1		
6	00996300	1		
7	03776800	1		
8	03776700	1		
9	00996401	1		
10	01205500	1		
11	50144400	7		M 6 DIN 934 - 8 A3C
12	50144500	4		6,4 DIN 125-St A3C
13	03768400	1		
14	03768300	1		
15	03769000	1		
16	03767701	1		
17	00994900	1		
18	-----	-		
19	03767300	1		
20	50144500	5		6,4 DIN 125-St A3C
21	50025400	5		M 6 x 10 DIN 933 - 8.8 A3C
22	50289200	14		M 6 x 12 KZ 1-8.8 A3D
23	03768700	1		
24	03776200	1		
25	03776300	6		
26	03776400	1		
27	03776500	1		
28	03776600	1		
29	03776100	1		
30	03776000	1		

M35d

Kapsel C / K
Capsule C / K
Capsule C / K
Cápsula C / K
Cofanatura C / K

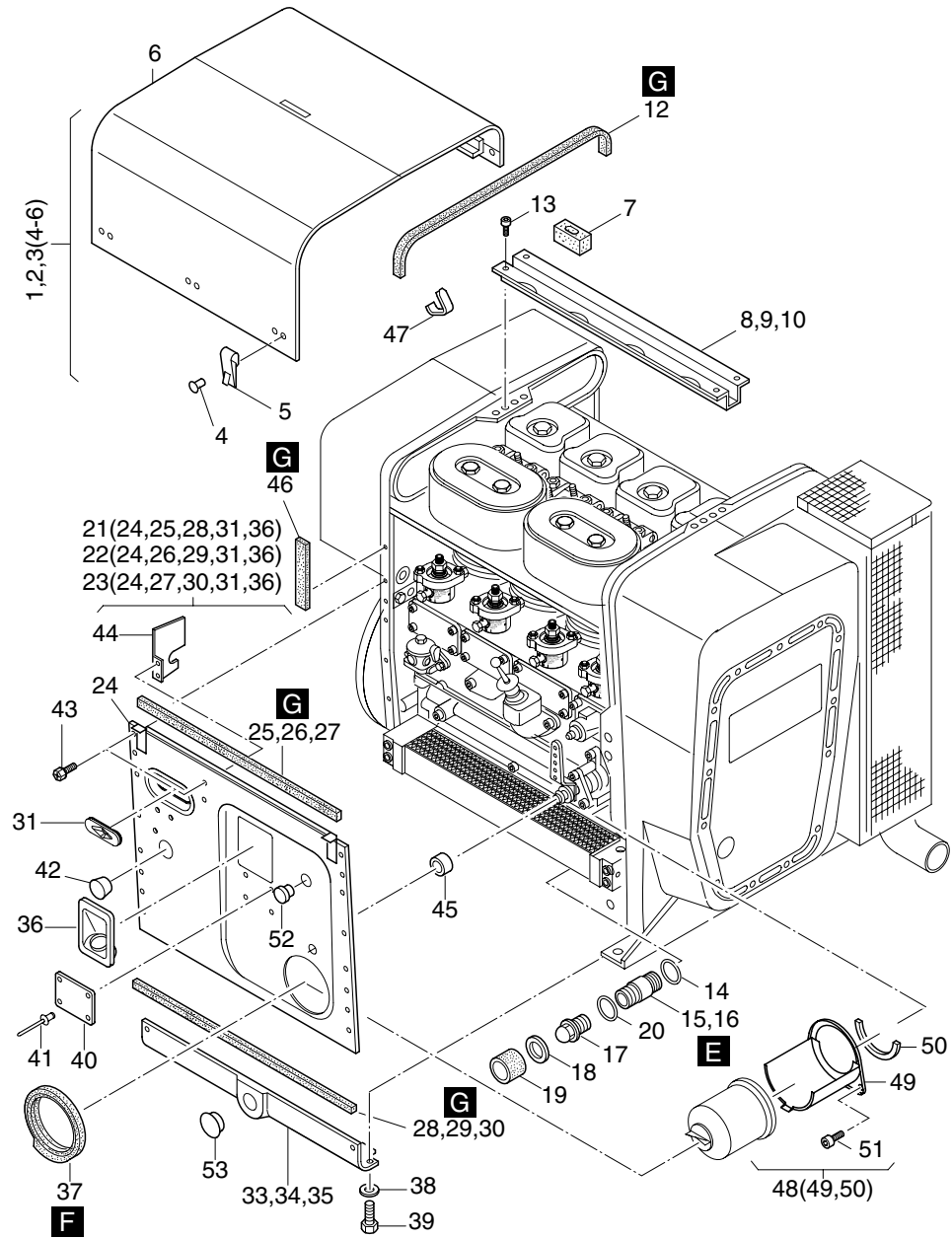


Fig.- No.	HATZ Ident-No.	Stück Qty.			P / W d / D	Bemerkungen Notes
		2L41C	3L41C	4L41C/K		
1	00902402	1	-	-		
2	00906802	-	1	-		
3	00906902	-	-	1		
4	50521800	8	8	12		4,0 x 10,2
5	50521700	4	4	6		
6	-----	-	-	-		
7	03569000	1	1	1		
8	03578800	1	-	-		
9	03582600	-	1	-		
10	03582700	-	-	1		
12	03577600	2	2	2		650 mm
13	50289200	4	4	4		M 6 x 12 KZ 1-8.8 A3D
14	50001600	1	1	1	D4, W4	A 22 x 27 DIN 7603 Cu
15	03550500	1	1	-		116 mm
16	03647500	1	1	1		
17	50044200	1	1	1	W1	M 18 x 1,5 DIN 910
18	03592301	1	1	1		26,1 x 38 x 1
19	03579500	1	1	1		46/22
20	50001400	1	1	1	D2, W4	A 18 x 22 DIN 7603 - Cu
21	00935321	1	-	-		
22	01096912	-	1	-		
23	00935521	-	-	1		
24	-----	-	-	-		
25	03593300	1	-	-		
26	03593400	-	1	-		
27	03593500	-	-	1		
28	03623710	1	-	-		
29	03623810	-	1	-		
30	03623910	-	-	1		
31	03993100	1	1	1		

M35d

Kapsel C / K
Capsule C / K
Capsule C / K
Cápsula C / K
Cofanatura C / K

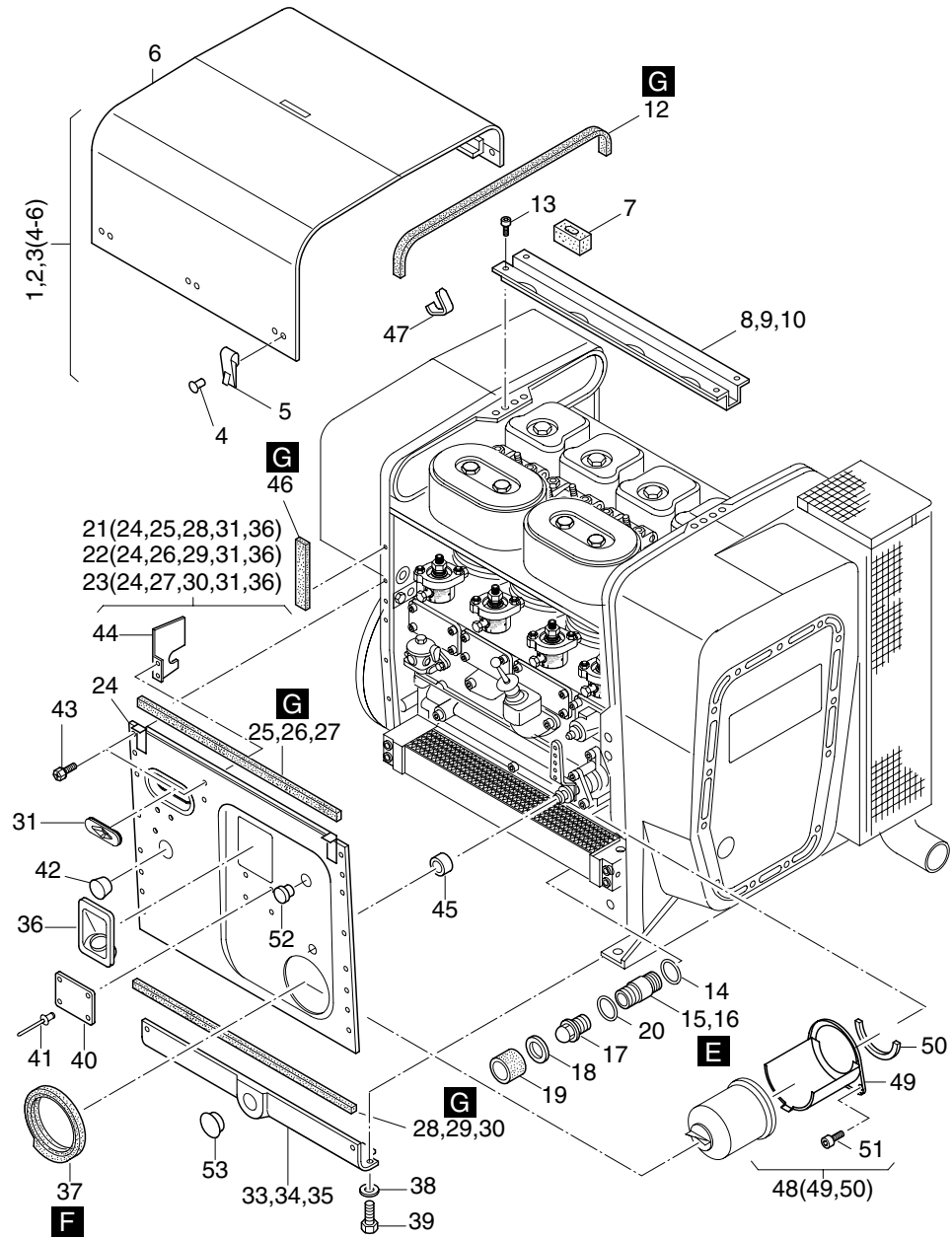


Fig.- No.	HATZ Ident-No.	Stück Qty.			P / W d / D	Bemerkungen Notes
		2L41C	3L41C	4L41C/K		
33	00974100	1	-	-		
34	00974200	-	1	-		
35	00974301	-	-	1		
36	03761401	1	1	1		
37	03594001	1	1	1		
38	50144500	3	4	5		6,4 DIN 125-St A3C
39	50025400	3	4	5		M 6 x 10 DIN 933 - 8.8 A3C
40	-----	-	-	-		
41	40002500	4	4	4		2,4
42	03769301	1	1	1		ø 50mm
43	50289200	12	12	14		M 6 x 12 KZ 1-8.8 A3D
44	03602000	-	-	1		
45	03579400	1	1	1		
46	03577200	2	2	2		14 x 9 x 125
47	03779900	4	4	4		
48	01247012	1	1	1		
49	-----	-	-	-		
50	04008410	1	1	1		
51	50385900	2	2	2		M 8 x 12 DIN 7984 - 8.8
52	40096000	1	1	1		F17
53	50163101	1	1	1		F 25 ø 31,8

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

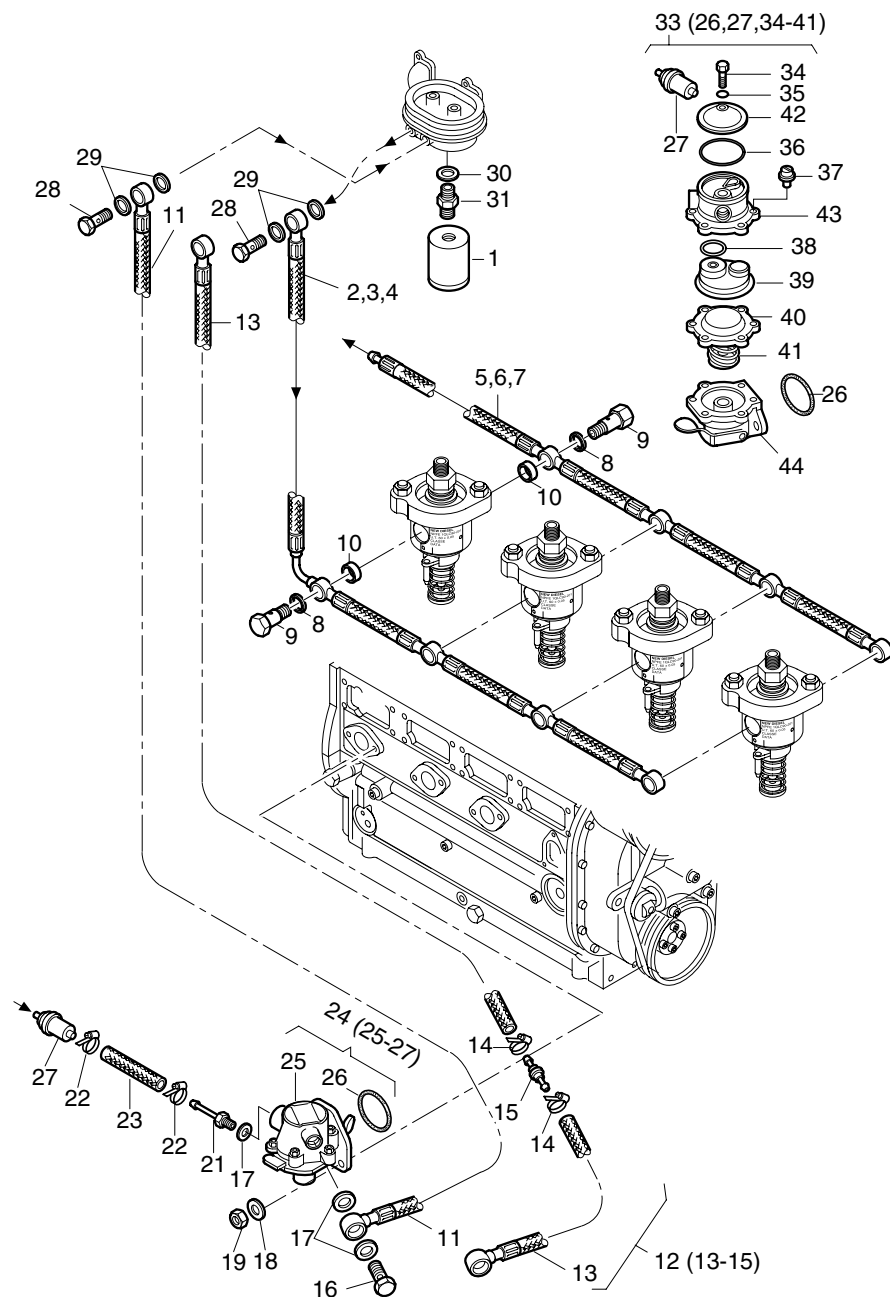


Fig.- No.	HATZ Ident-No.	Stück Qty.			P / W d / D	Bemerkungen Notes
		2L41C	3L41C	4L41C/K		
1	50251500	1	1	1	W1	Filter
2	01799000	1	-	-		
3	01799100	-	1	-		
4	01799200	-	-	1		
5	01799300	1	-	-		
6	01799400	-	1	-		
7	01799500	-	-	1		
8	04233602	4	6	8		12,1 x 15,5 x 1,5
9	50555301	4	6	8		
10	04233701	4	6	8		12,1 x 15,5 x 5
11	03573301	1	1	1		
12	01191100	1	1	1		
13	-----	-	-	-		
14	50523800	2	2	2		16,0
15	50343400	1	1	1		
16	50006400	1	1	1		10-3 DIN 7643
17	50001200	3	3	3		A 14 x 18 DIN 7603-Cu
18	50081200	2	2	2		A 6 DIN 137 - A3C
19	50144400	2	2	2		M 6 DIN 934 - 8 A3C
21	03466800	1	1	1		
22	40037300	2	2	2		7,5 SKZ SGT 8-12
23	03801200	1	1	1		7 x 220
24	01478902	1	1	1		Förderpumpe, fuel pump, FCM
25	-----	-	-	-		
26	50129900	1	1	1	D1	32 x 2,5
27	50317000	1	1	1	W1	Vorfilter, prefilter
28	50006300	2	2	2		8-3 DIN 7643
29	50001100	4	4	4	D4	A 12 x 15,5 DIN 7603-Cu
30	50001200	1	1	1		A 14 x 18 DIN 7603-Cu
31	50253300	1	1	1		A LL 10 DIN 7647
33	01479001	1	1	1		Reparatursatz, repair kit
34	-----	-	-	-		
35	-----	-	-	-		
36	50399500	1	1	1		37 x 2,5
37	-----	-	-	-		
38	-----	-	-	-		
39	-----	-	-	-		
40	-----	-	-	-		
41	-----	-	-	-		
42	-----	-	-	-		
43	-----	-	-	-		
44	-----	-	-	-		

A01b

Kraftstofffilter extern
Fuel filter external
Filtre a'carburant externe
Filtro de combustible externo
Filtro gasolino esterno

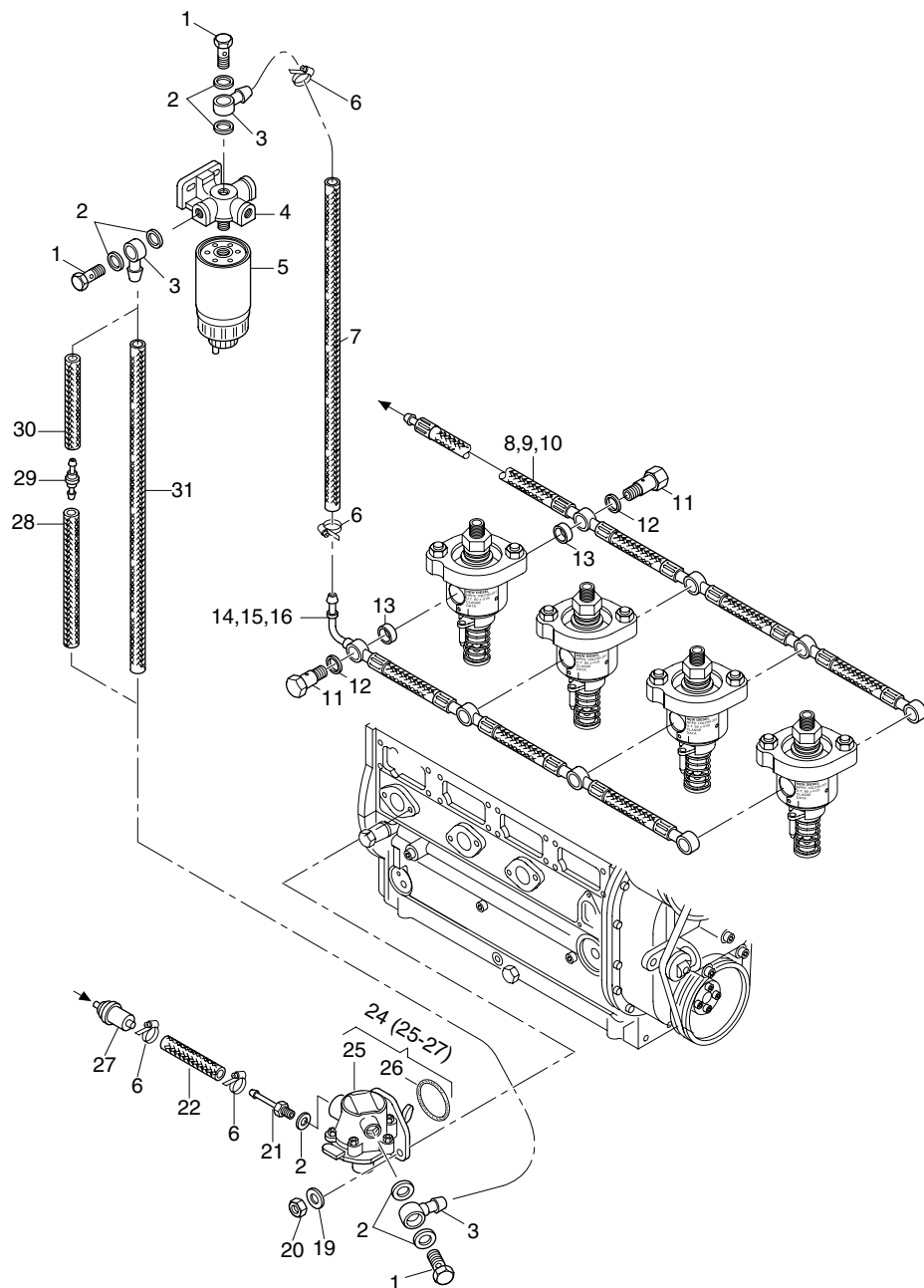


Fig.- No.	HATZ Ident-No.	Stück Qty.			P / W d / D	Bemerkungen Notes
		2L41C	3L41C	4L41C/K		
1	50006400	3	3	3	D7	10-3 DIN 7643
2	50001200	7	7	7		A 14 x 18 DIN 7603-Cu
3	50015900	3	3	3		NW 8 / 6
4	50345600	1	1	1		
5	50345700	1	1	1		Filter
6	40037300	4	4	4		7,5 SKZ SGT 8-12
7	03673400	1	1	1		7 x 510
8	01799300	1	-	-		
9	01799400	-	1	-		
10	01799500	-	-	1		
11	50555301	4	6	8		
12	04233602	4	6	8		12,1 x 15,5 x 1,5
13	04233701	4	6	8		12,1 x 15,5 x 5
14	01802500	1	-	-		
15	01802600	-	1	-		
16	01802700	-	-	1		
19	50081200	2	2	2		A 6 DIN 137 - A3C
20	50144400	2	2	2		M 6 DIN 934 - 8 A3C
21	03466800	1	1	1		
22	03801200	1	1	1		7 x 220
24	01478902	1	1	1	D1 W1	Förderpumpe, fuel pump, FCM
25	-----	-	-	-		
26	50129900	1	1	1		32 x 2,5
27	50317000	1	1	1		Vorfilter, prefilter
28	03805100	0... 1	0... 1	0... 1		7 x 250
29	50343400	0... 1	0... 1	0... 1		
30	03493300	0... 1	0... 1	0... 1		7 x 145
31	03525600	1	1	1		7 x 400

Zyklon
Cyclon
Cyclone
Ciclón
Prefiltro a ciclone

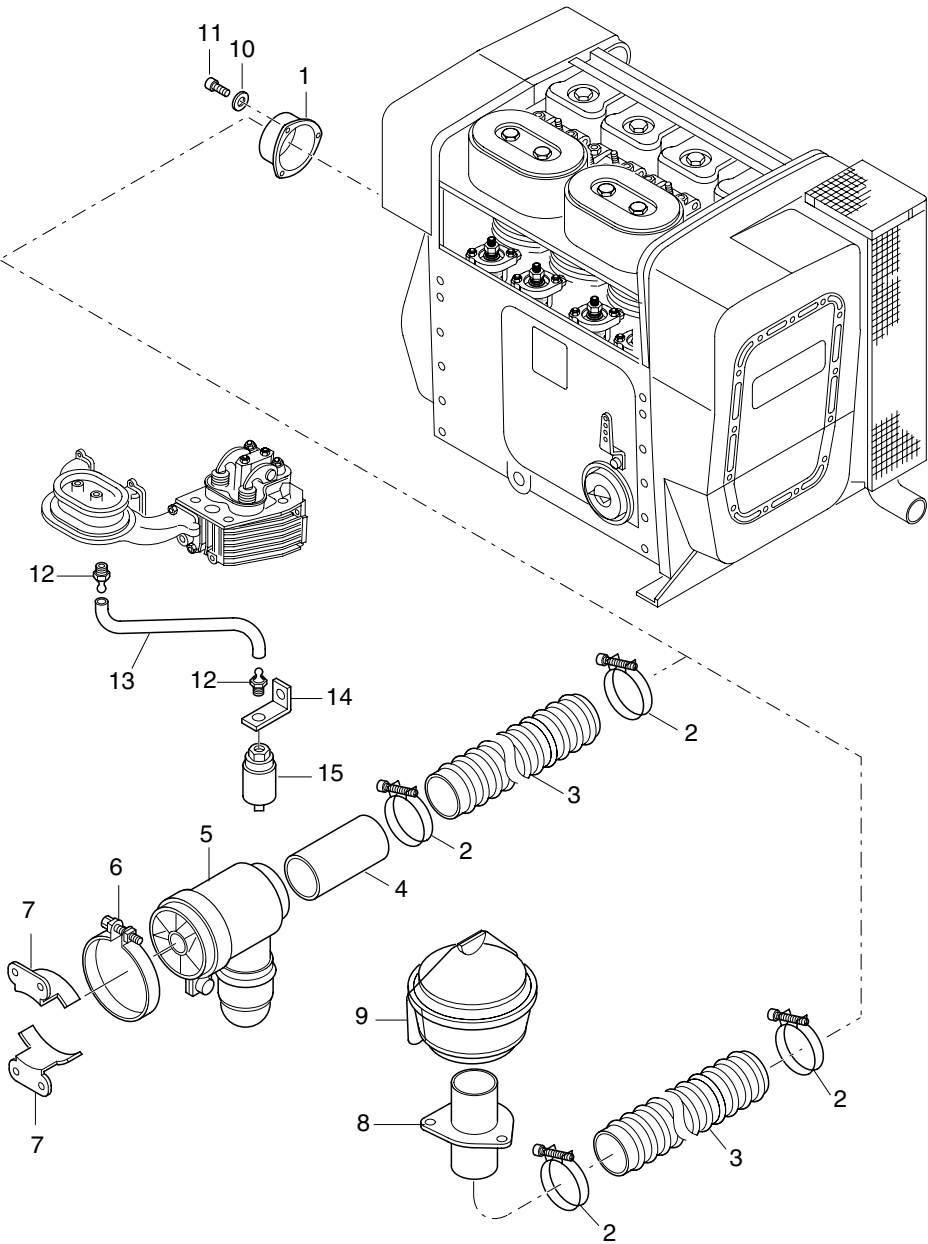


Fig.- No.	HATZ Ident-No.	Stück Qty.			P / W d / D	Bemerkungen Notes
		2L41C	3L41C	4L41C/K		
1	01027200	1	1	1		
2	50197300	2	2	2		64/73
3	03905300	1... 4	1... 4	1... 4		1 m
4	03820500	1	1	1		66 x 68 x 120
5	40035300	1	1	1		
6	40029100	1	1	1		
7	03820800	2	2	2		
8	01027100	1	1	1		
9	50196100	1	1	1		
10	50081200	3	3	3		A 6 DIN 137 - A3C
11	50149100	3	3	3		M 6 x 12 DIN 912-8.8 A3C
12	50167700	2	2	2		
13	03481100	1	1	1		4,5 x 520
14	03693610	1	1	1		
15	50346300	1	1	1		mech.

Abgasdämpfer C / K
Exhaust silencer C / K
Silencieux C / K
Silenciador C / K
Marmitta C / K

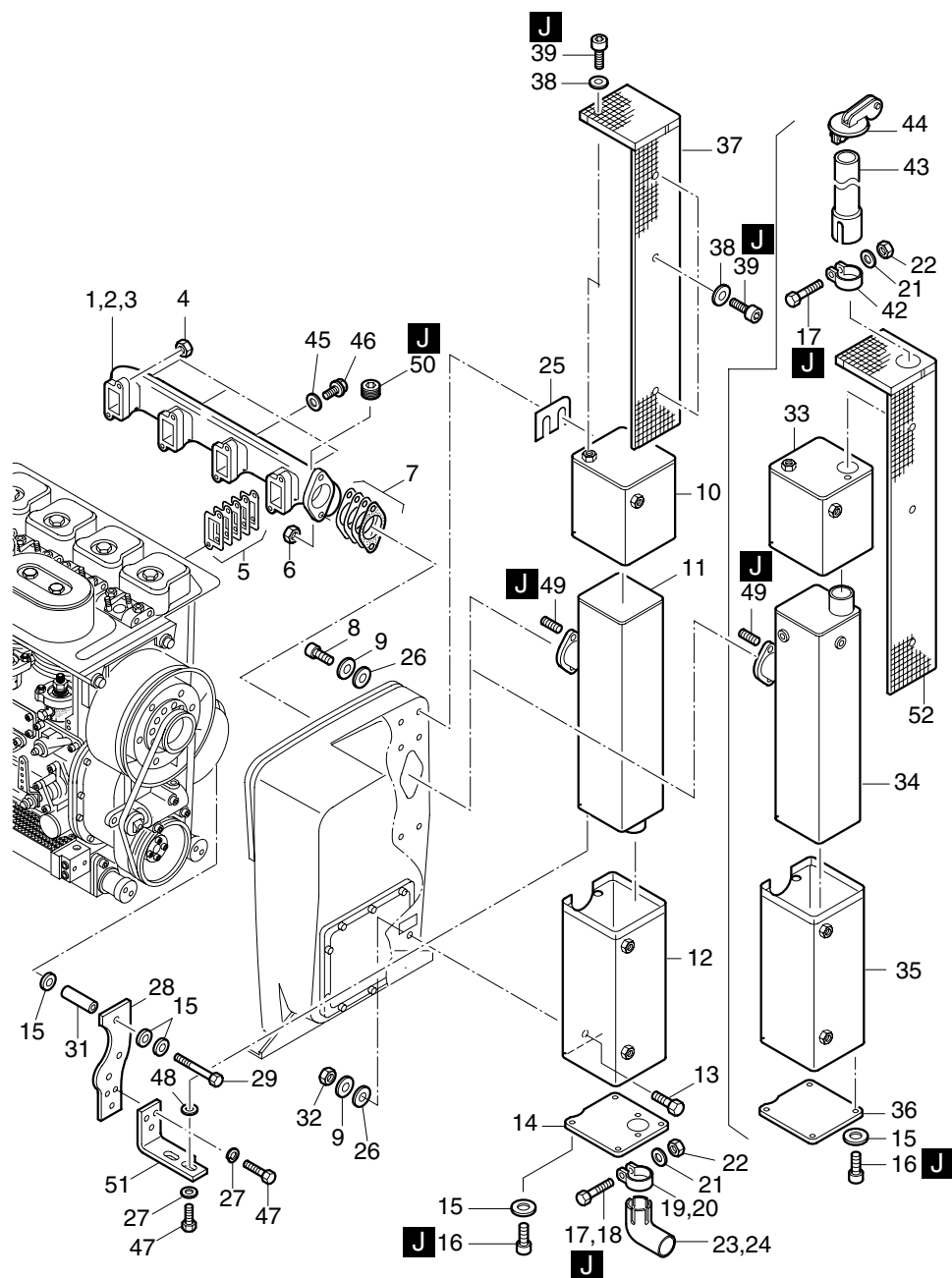


Fig.- No.	HATZ Ident-No.	Stück Qty.			P / W d / D	Bemerkungen Notes
		2L41C	3L41C	4L41C/K		
1	03770400	1	-	-		
2	03770500	-	1	-		
3	03768600	-	-	1		
4	50469600	4	6	8	P2	M 8 SW 12
5	01284501	2	3	4	d1	
6	40028600	2	2	2		VM 10 DIN 980-8 C3A
7	01603700	1	1	1		
8	50255700	7	7	7		M 6 x12 DIN 912-8.8 C4A
9	50002700	8	8	8		6 DIN 128
10	00902901	1	1	1		
11	03741903	1	1	-		
11	03829901	-	-	1		
12	00871801	1	1	1		
13	50025500	1	1	1		M 6 x 12 DIN 933 - 8.8
14	03877900	1	1	1		
15	50148100	13	13	13		8,4 DIN 125-St A3C
16	50138900	4	4	4		M 8 x 12 DIN 912 - 8.8
17	50249500	1	1	-		M 10 x 50 DIN 931-8.8 A3C
18	50249500	-	-	1		M 10 x 50 DIN 931-8.8 A3C
19	03877700	1	1	-		52,5 mm
20	03877800	-	-	1		58,5 mm
21	50145900	1	1	1		B 10,5 DIN 125-St A3C
22	40028600	1	1	1		VM 10 DIN 980-8 C3A
23	03877500	1	1	-		52,5 mm
24	03877600	-	-	1		
25	03855400	0... 4	0... 4	0... 4		
26	50144500	8	8	8		6,4 DIN 125-St A3C
27	50123000	5	5	5		8,4 DIN 7349
28	03958900	1	1	1		
29	50087900	3	3	3		M 8 x 70 DIN 931 - 8.8
31	03538701	3	3	3		9 x 14 x 42
32	50144400	1	1	1		M 6 DIN 934 - 8 A3C

Abgasdämpfer C / K
Exhaust silencer C / K
Silencieux C / K
Silenciador C / K
Marmitta C / K

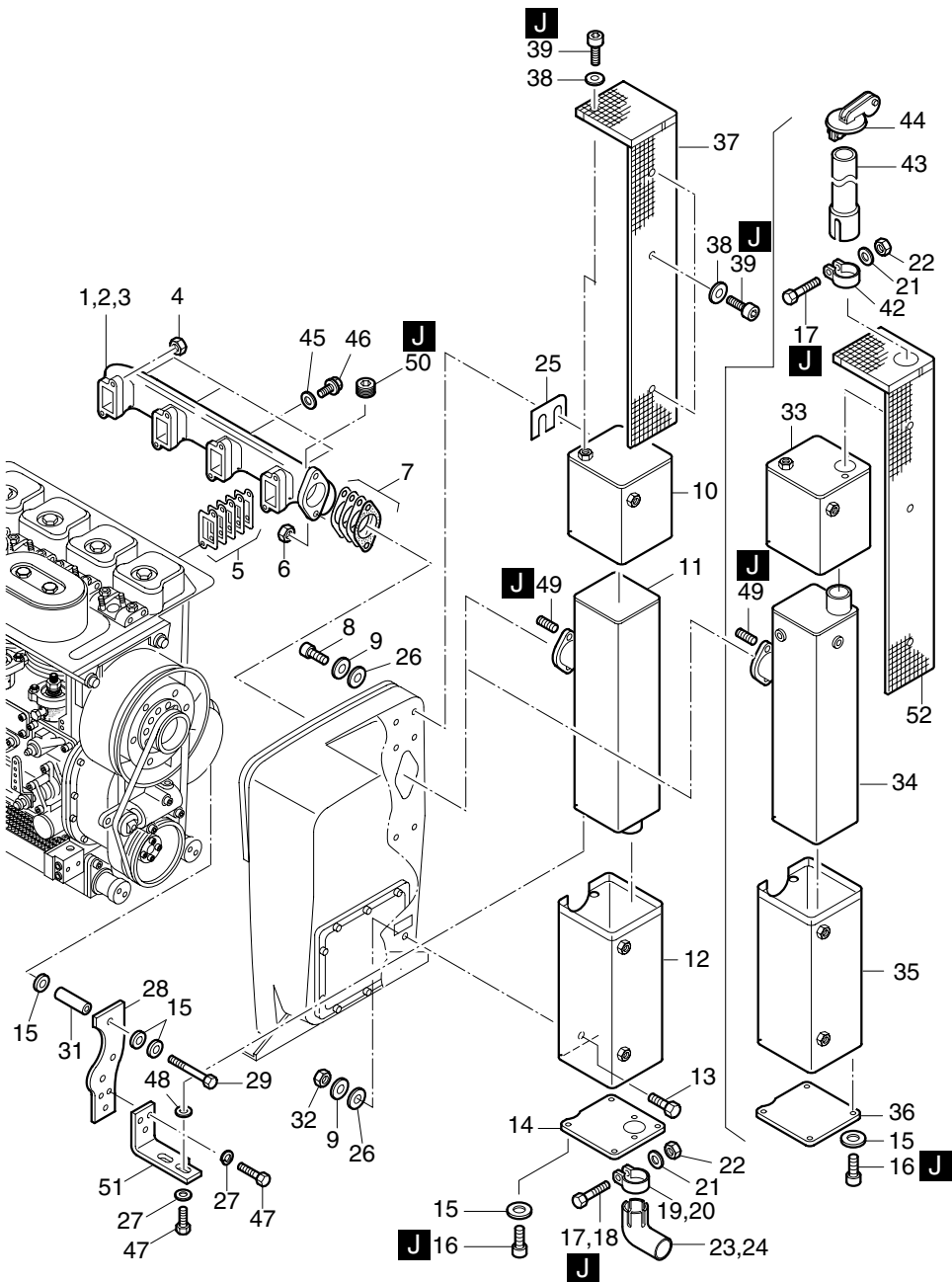


Fig.- No.	HATZ Ident-No.	Stück Qty.			P / W d / D	Bemerkungen Notes
		2L41C	3L41C	4L41C/K		
33	01083000	1	1	1		
34	03883801	1	1	1		
35	00871801	1	1	1		
36	03878000	1	1	1		
37	00849201	1	1	1		
38	50120000	7	7	7		A 6,4 DIN 9021-St A3C
39	50139000	7	7	7		M 6 x 10 DIN 912-8.8 C4P
42	03877700	1	1	1		52,5 mm
43	03889700	1	1	1		
44	50279700	1	1	1		
45	03228800	2	3	4		
46	50044700	2	3	4		R 1/4 DIN 910 - 5.8 A3C
47	50357400	5	5	5		M 8 x 25 DIN 933 - 8.8 C4P
48	03213100	0... 6	0... 6	0... 6		
49	50040800	2	2	2		M 10 x 28 DIN 939 - 10.9
50	50278100	1	1	1		R 1/4 DIN 906 - 5.8
51	03959000	1	1	1		
52	03819201	1	1	1		

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

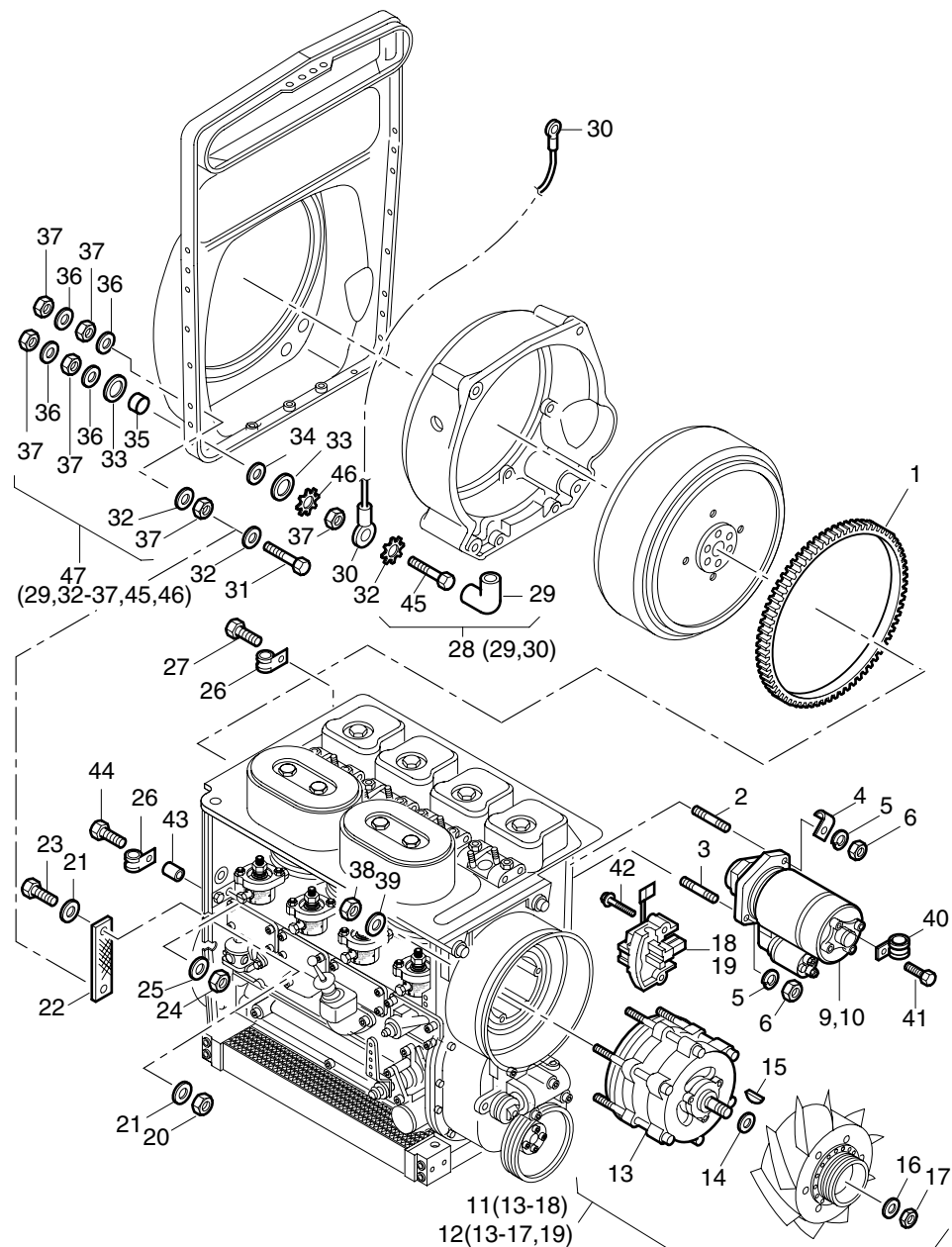


Fig.- No.	HATZ Ident-No.	Stück Qty.			P / W d / D	Bemerkungen Notes
		2L41C	3L41C	4L41C/K		
1	03156101	1	1	1		
2	03286800	1	1	1		M 12
3	50042300	1	1	1		M 12 x 25 DIN 939 - 5.6 A3C
4	03689610	1	1	1		
5	50003000	2	2	2		12 DIN 128
6	50380600	2	2	2		M 12 DIN 934-8 A3C
9	50476101	1	1	1		12 V 2,7 kW
10	50479101	1	1	1		24 V 4,0 kW
10	50497100	1	1	1		24 V 4,0 kW 2-polig
11	50504200	1	1	1		14V 60A
12	50504300	1	1	1		28V 40A
13	-----	-	-	-		
14	-----	-	-	-		
15	50017800	1	1	1		4 x 6,5 DIN 6888
16	-----	-	-	-		
17	50024500	1	1	1		M 16 x 1,5 DIN 936-17H
18	49084900	1	1	1		14V
19	49085000	1	1	1		28V
20	50148000	1	1	1		M 8 DIN 934-8 A3C
21	50148100	2	2	2		8,4 DIN 125-St A3C
22	03692800	1	1	1		
23	50098500	1	1	1		M 8 x 16 DIN 933-8.8 A3C
24	50144400	2	2	2		M 6 DIN 934 - 8 A3C
25	50081200	2	2	2		A 6 DIN 137 - A3C
26	50158400	3	3	3		14 / 15
27	50177100	2	2	2		M 6 x 16 DIN 933-8.8 A3C
28	00817300	1	1	1		
29	40026600	1	1	1		
30	00817300	1	1	1		
31	50275300	1	1	1		M 8 x 35 DIN 933-MS
32	50179900	4	4	4		J 8,4 Zn DIN 6997 A3C
33	03814100	2	2	2		
34	50426800	1	1	1		J 10,5 DIN 6797 A3C
35	03814200	1	1	1		
36	50016800	4	4	4		8,4 DIN 125-MS
37	50023000	6	6	6		M 8 DIN 934-MS
38	50144400	5	5	5		M 6 DIN 934 - 8 A3C
39	50081200	5	5	5		A 6 DIN 137 - A3C
40	50158400	1	1	1		14 / 15
41	50165500	1	1	1		M 6 x 12 DIN 933-8.8 A3C
42	-----	-	-	-		
43	03042700	1	1	1		7 x 12 x 20
44	50168700	1	1	1		M 6 x 35 DIN 931 - 8.8 A3C
45	50400300	1	1	1		M 8 x 40 DIN 933-MS
46	50426900	1	1	1		A 8,4 DIN 6798 A3C
47	01472900	1	1	1		

A05d

Armaturenkasten - Powerbox
Instrument box - Powerbox
Boîtier de bord - Powerbox
Cuadro de mando - Powerbox
Cruscotto - Powerbox

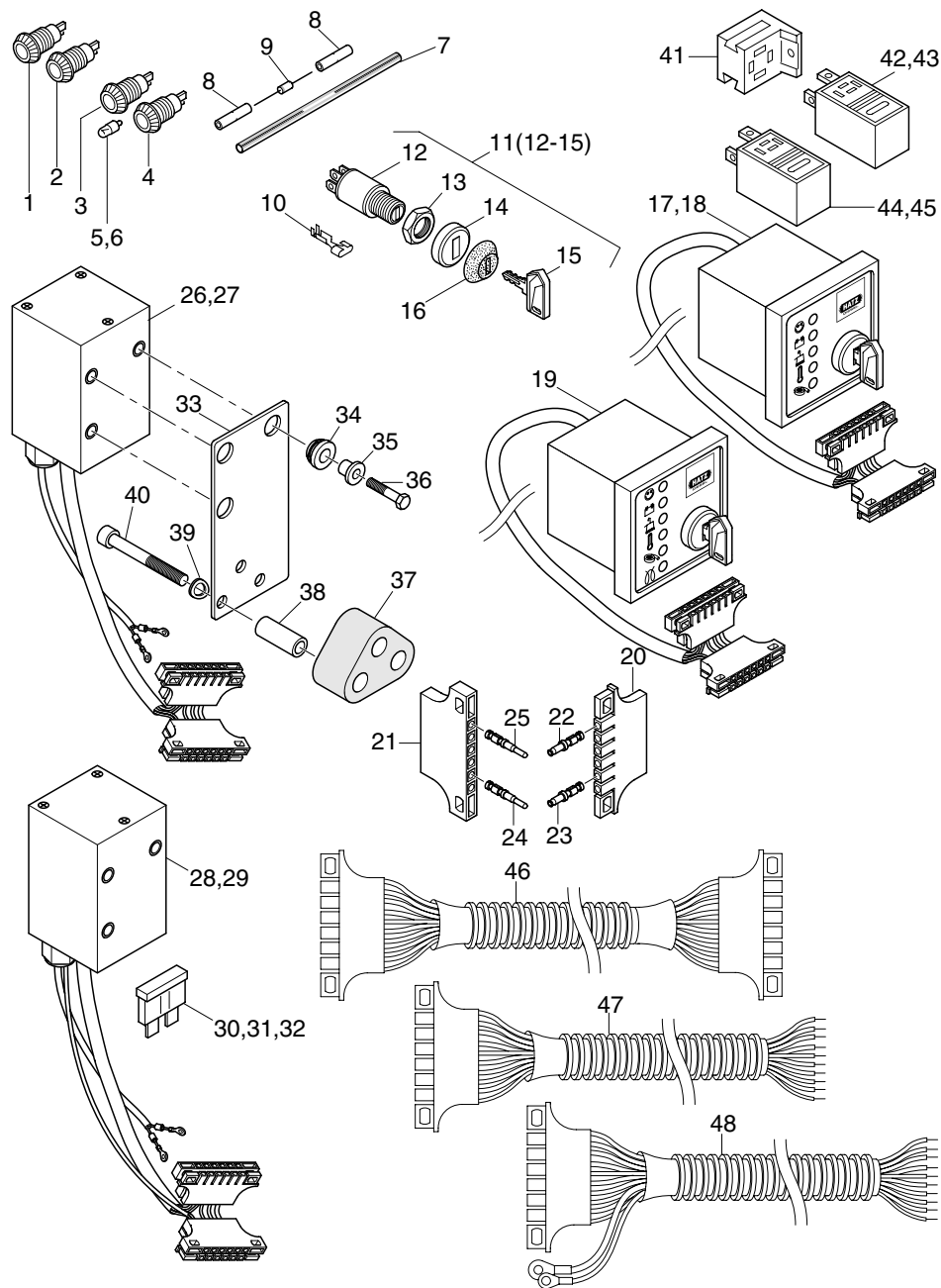


Fig.- No.	HATZ Ident-No.	Stück Qty.			P / W d / D	Bemerkungen Notes
		2L41C	3L41C	4L41C/K		
1	50176400	1	1	1		TEMP.
2	50176500	1	1	1		BATT.
3	50176600	1	1	1		OIL
4	50182400	1	1	1		FILTER (LUFT)
5	40009700	0... 4	0... 4	0... 4		12 V - 2 W
6	40009800	0... 4	0... 4	0... 4		24 V - 2 W
7	03670000	5	5	5		4 x 120 mm
8	50189200	10	10	10		
9	50344400	5	5	5		DIODE
10	40074700	12	12	12		B 6,3 - 2,5 BZ
11	50384401	1	1	1		
12	-----	-	-	-		
13	-----	-	-	-		
14	-----	-	-	-		
15	50404900	1	1	1		Nr. 14644
16	05126402	1	1	1		
17	01551802	1	1	1		12 V, A 1
18	01569702	1	1	1		24 V, A 1
19	01590500	1	1	1		12 - 24 V, A2
20	50373700	1	1	1		
21	50373600	1	1	1		
22	50373800	5	5	5		0,5 - 1,0
23	50373900	1	1	1		1,5 - 2,5
24	50374100	5	5	5		0,5 - 1,0
25	50374300	1	1	1		2,5 - 4,0
26	01597900	1	1	1		12 V Powerbox I
27	01598000	1	1	1		24 V Powerbox I
28	01591000	1	1	1		12 V Powerbox III
29	01591100	1	1	1		24 V Powerbox III
30	50430400	1	1	1		15 A
31	50430700	1	1	1		30 A
32	50433000	2	2	2		40 A
33	05172700	1	1	1		
34	03665200	3	3	3		
35	03377600	3	3	3		
36	50092100	3	3	3		M 6 x 25 DIN 933-8.8 A3C

A05d

Armaturenkasten - Powerbox
Instrument box - Powerbox
Boîtier de bord - Powerbox
Cuadro de mando - Powerbox
Cruscotto - Powerbox

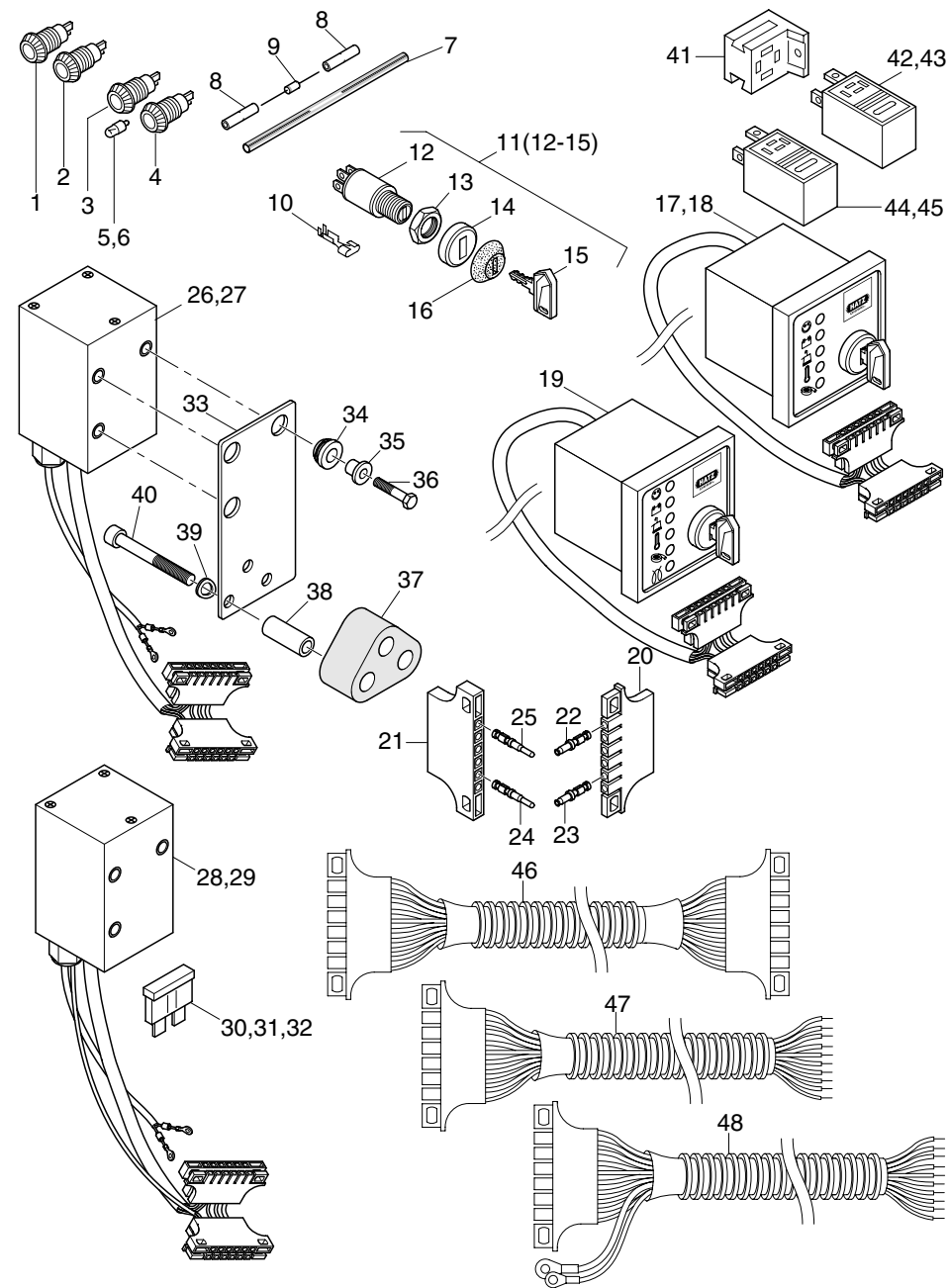


Fig.- No.	HATZ Ident-No.	Stück Qty.			P / W d / D	Bemerkungen Notes
		2L41C	3L41C	4L41C/K		
37	03937200	1	1	1		
38	03200400	3	3	3		9 x 14 x 35
39	50148100	3	3	3		8,4 DIN 125-St A3C
40	50288800	3	3	3		M 8 x 55 DIN 912-8.8 A3C
41	50276000	1... 2	1... 2	1... 2		
42	50405000	0... 1	0... 1	0... 1		12 V Zeitrelais
43	50405100	0... 1	0... 1	0... 1		24 V Zeitrelais
44	50275802	0... 1	0... 1	0... 1		12 V HATZ MSR
45	50275902	0... 1	0... 1	0... 1		24 V HATZ MSR
46	01611200	1	1	1		K 1 - 2 m
47	01549801	1	1	1		K 2 - 2 m
48	01614101	1	1	1		K 3 - 2 m

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

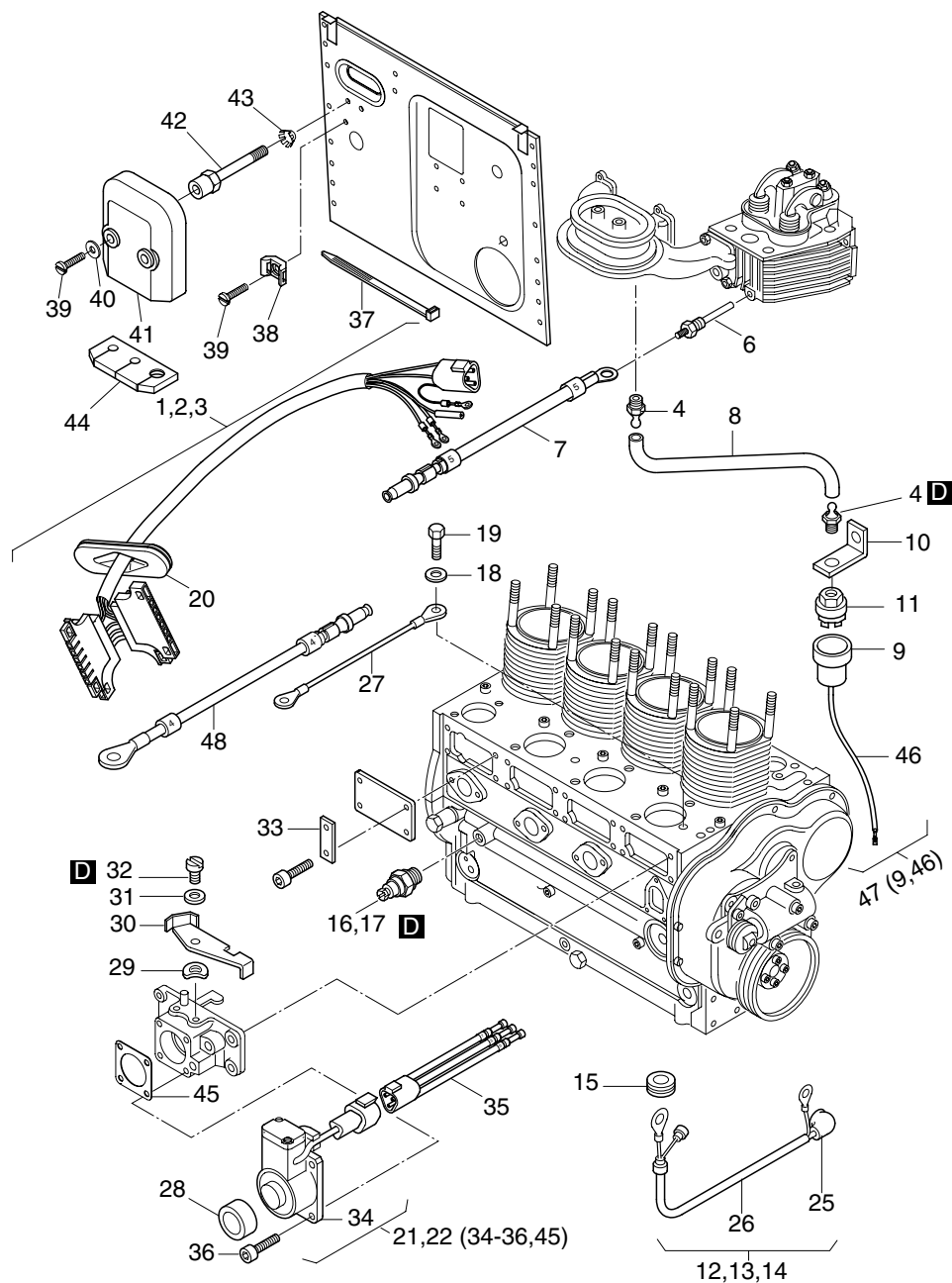


Fig.- No.	HATZ Ident-No.	Stück Qty.	2L41C	3L41C	4L41C/K	P / W d / D	Bemerkungen Notes
1	01601500	1	-	-	-		
2	01601600	-	1	-	-		
3	01601700	-	-	-	1		
4	50167700	2	2	2	2		
6	50268600	1	1	1	1		TEMP. 12-24V
7	01548100	1	1	1	1		(5) 470 mm
8	03481100	1	1	1	1		4,5 x 520
9	50346100	1	1	1	1		
10	03693611	1	1	1	1		
11	50167600	1	1	1	1		
12	01183200	1	-	-	-		
13	01183400	-	1	-	-		
14	01183600	-	-	1	1		
15	50158500	1	1	1	1		
16	40021300	1	1	1	1		12 - 24V Oil
17	50272200	-	-	1	1		12 - 24V Oil 4L..C >2300 min-1
18	50148100	1	1	1	1		8,4 DIN 125-St A3C
19	50026700	1	1	1	1		M 8 x 16 DIN 933 - 8.8
20	03993100	1	1	1	1		
21	01660901	1	1	1	1		12V
22	01661001	1	1	1	1		24V
25	40026600	1	1	1	1		
26	-----	-	-	-	-		
27	00817101	1	1	1	1		
28	03579800	1	1	1	1		
29	50114300	1	1	1	1		6,4 x 17 x 3 DIN 7349 A3C
30	03960200	1	1	1	1		
31	50095100	1	1	1	1		A 8 DIN 137 A3C
32	05169900	1	1	1	1		M6
33	03951800	1	2	3	3		
34	-----	-	-	-	-		
35	-----	-	-	-	-		
36	50544400	4	4	4	4		M 6 x 20 DIN 912 - 8.8 A3C Tuf.
37	50358400	1	1	1	1		200 x 4,8 mm
38	50490200	1	1	1	1		
39	50408900	3	3	3	3		M5 x 8 DIN 84 - 4.8 A3C
40	50408800	2	2	2	2		5,3 DIN 9021 - St A3C
41	01651701	1	1	1	1		
42	05173900	2	2	2	2		
43	50408700	2	2	2	2		V 5,3 DIN 6797-FST
44	05203200	1	1	1	1		
45	03934400	1	1	1	1		D1
46	-----	-	-	-	-		
47	01165200	1	1	1	1		(17) 310 mm
48	01548000	1	1	1	1		(4) 500 mm

Vorglühanlage
Pre-glowing device
Dispositiv de pre-chauffage
Dispositivo de precalentamiento
Preriscaldo

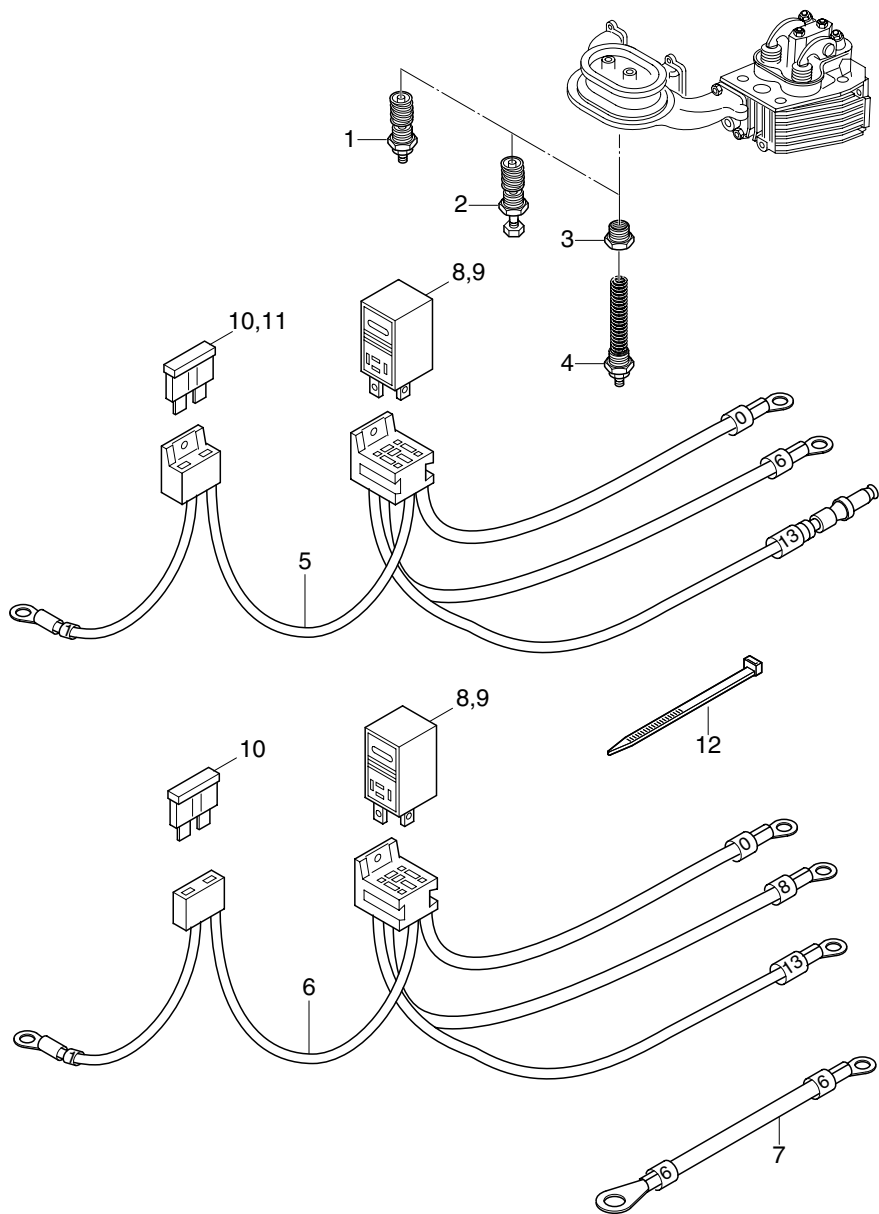


Fig.- No.	HATZ Ident-No.	Stück Qty.			P / W d / D	Bemerkungen Notes
		2L41C	3L41C	4L41C/K		
1	50163900	0... 1	0... 1	1... 2		184G 4L..C:12V(2)24V(1)
2	50164101	-	-	0... 1		400G 4L..C:24V(1)
3	05170200	0... 1	0... 1	-		2-3L..C:24V(1)
4	50486800	0... 1	0... 1	-		35.31 2-3L..C:24V(1)
5	01641901	1	1	1		I
6	01642200	-	-	0... 1		II 4L..C:12V(1)
7	00823500	-	-	0... 1		470 mm 4L..C:24V(1)
8	50432700	0... 1	0... 1	0... 2		12V - 70A 4L..C:12V(2)
9	50454001	0... 1	0... 1	0... 1		24V - 40A
10	50485400	0... 1	0... 1	1... 2		50A 4L..C:12V(2)24V(1)
11	50486900	0... 1	0... 1	-		20A 2-3L..C:24V(1)
12	50358400	2	2	3... 4		200 x 4,8 mm

A06, A15

Motorfüße, Anschlußgehäuse
Engine brackets, intermediate housing
Pieds moteur, bride raccord
Soportes del motor, caja de conexión
Staffe supporto motore, flangiatura

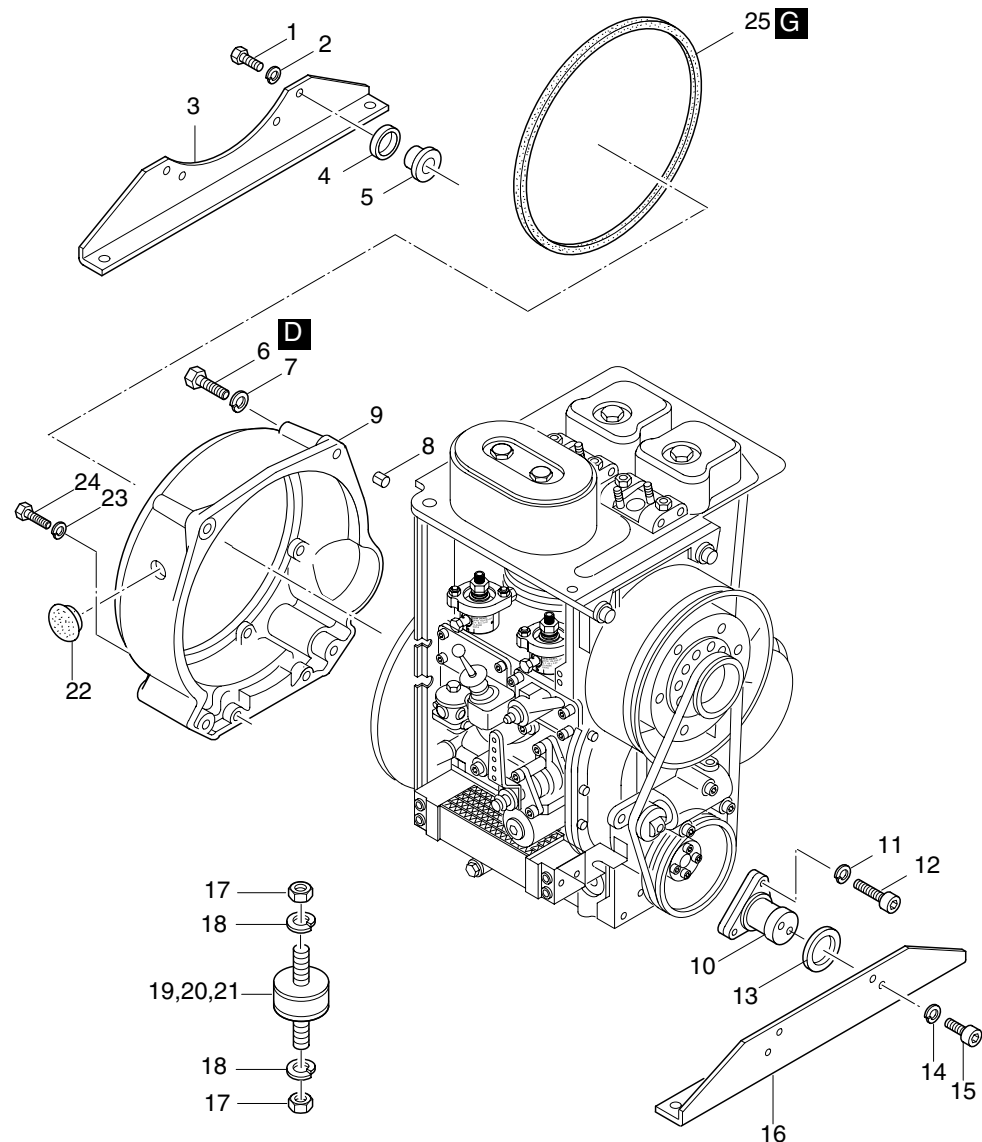


Fig.- No.	HATZ Ident-No.	Stück Qty.			P / W d / D	Bemerkungen Notes
		2L41C	3L41C	4L41C/K		
1	50259300	4	4	4		M 12 x 110 DIN 931 - 8.8 A3C
2	50063200	4	4	4		12 DIN 128 A3C
3	03878700	1	1	1		
4	03579800	4	4	4		
5	03579100	4	4	4		
6	50137300	4	4	4		M 14 x 1,5 x 50 DIN 960 - 8.8
7	50003100	4	4	4		14 DIN 128
8	50137400	4	4	4		18 x 18 DIN 7346
9	03575903	1	1	1		SAE 5
10	00739301	2	2	2		
11	03469300	4	4	4		12,5 x 22 x 3
12	50073000	4	4	4		M 12 x 40 DIN 912 - 12.9
13	03579900	2	2	2		
14	50135600	4	4	4		10 DIN 128 A3C
15	50136500	4	4	4		M 10 x 20 DIN 913 - 8.8 A3C
16	03878901	1	1	1		
17	50145800	8	8	8		M 10 DIN 934-8 A3C
18	50135600	8	8	8		10 DIN 128 A3C
19	50260100	4	4	4		40 SH 7
20	50260200	4	4	4		55 SH 8
21	50260300	4	4	4		65 SH 9
22	50237600	1	1	1		F19
23	50002900	2	2	2		A 10 DIN 128
24	50029600	2	2	2		M 10 x 45 DIN 933-8.8 A3C
25	03592901	1	1	1		

Ölkühler, Ölwanne
 Oil-cooler, oil sump
 Radiateur d'huile, carter d'huile
 Radiador de aceite, carter de aceite
 Radiatore olio, coppa olio

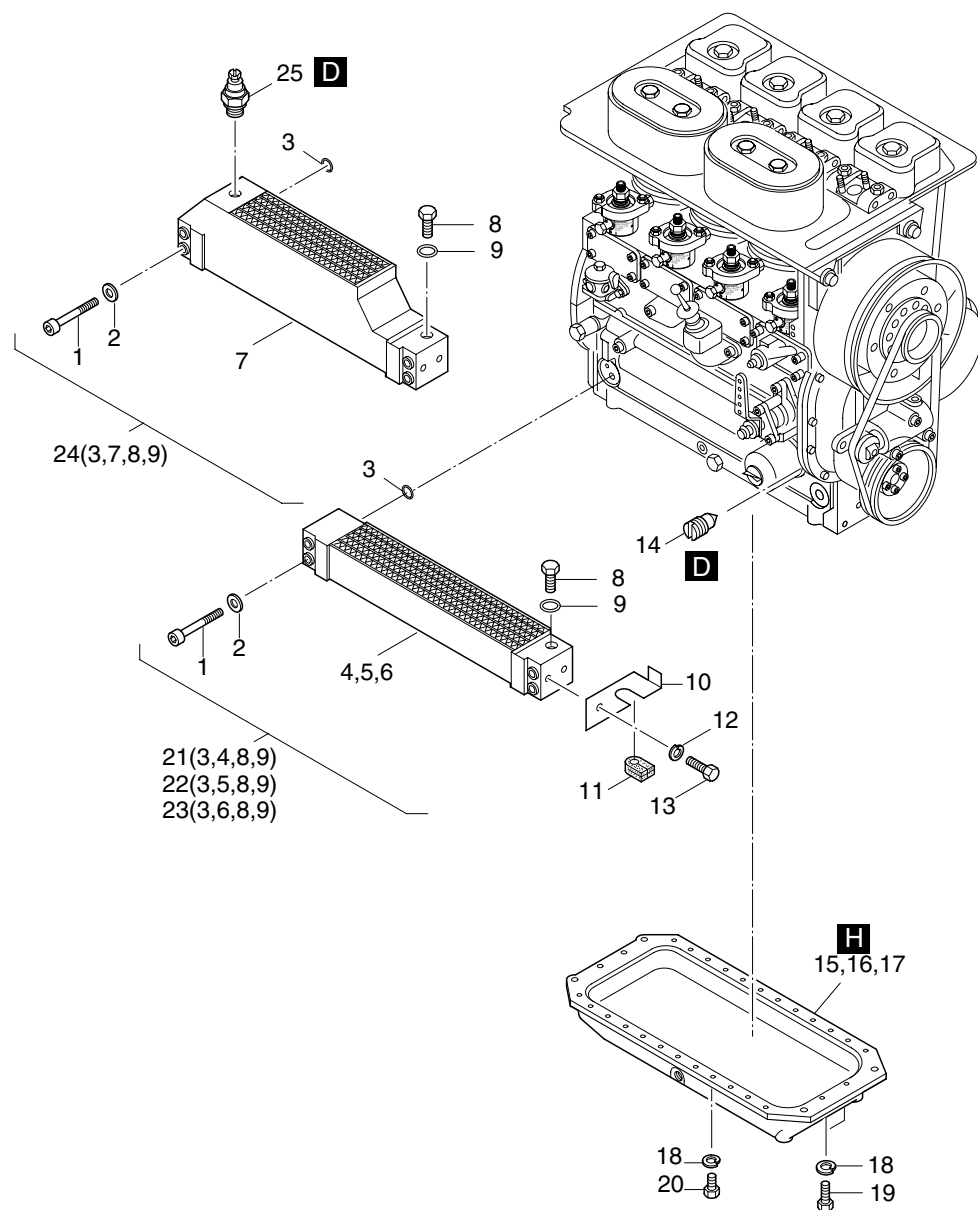


Fig.- No.	HATZ Ident-No.	Stück Qty.			P / W d / D	Bemerkungen Notes
		2L41C	3L41C	4L41C/K		
1	50204100	4	4	4	D2	M8 x 95 DIN 6912 - 8.8
2	50003500	4	4	4		B8 DIN 137
3	50130400	2	2	2		16,3 x 2,4
4	-----	-	-	-		
5	-----	-	-	-	D4	
6	-----	-	-	-		
7	-----	-	-	-		
8	50137900	1	1	1		M 8 x 1 DIN 7604
9	50000900	1	1	1		A 8 x 11,5 DIN 7603-Cu
10	03620101	1	1	1		
11	03568900	1	1	1		
12	50081200	2	2	2		A 6 DIN 137 - A3C
13	50025500	2	2	2		M 6 x 12 DIN 933 - 8.8
14	03465700	1	1	1		
15	00917500	1	-	-		s.Grp M35a Pos 33
16	00917600	-	1	-		s.Grp M35a Pos 34
17	00917701	-	-	1		s.Grp M35a Pos 35
18	50002800	12	18	24		8 DIN 128
19	50279301	4	4	-		M8x16 ISO 4017-8.8 PRECOTE
20	50026700	8	14	24		M 8 x 16 DIN 933 - 8.8
21	01652900	1	-	-		
22	01653000	-	1	-		
23	01653100	-	-	1		4L..C...2300 min-1
24	01653200	-	-	1		4L..C > 2300 min-1
25	50272200	-	-	1		12 - 24V Oil 4L..C> 2300 min-1

A16, A18

Elastische Kupplung, Steuerdeckel für Hydraulik
Flexible coupling, timing cover hydr.
Accouplement elastic, couvercle pompe hydraulic
Acoplamiento elastico, tapa de mando p. hidraulico
Giunto elastico, coperchio per pompa idraulica

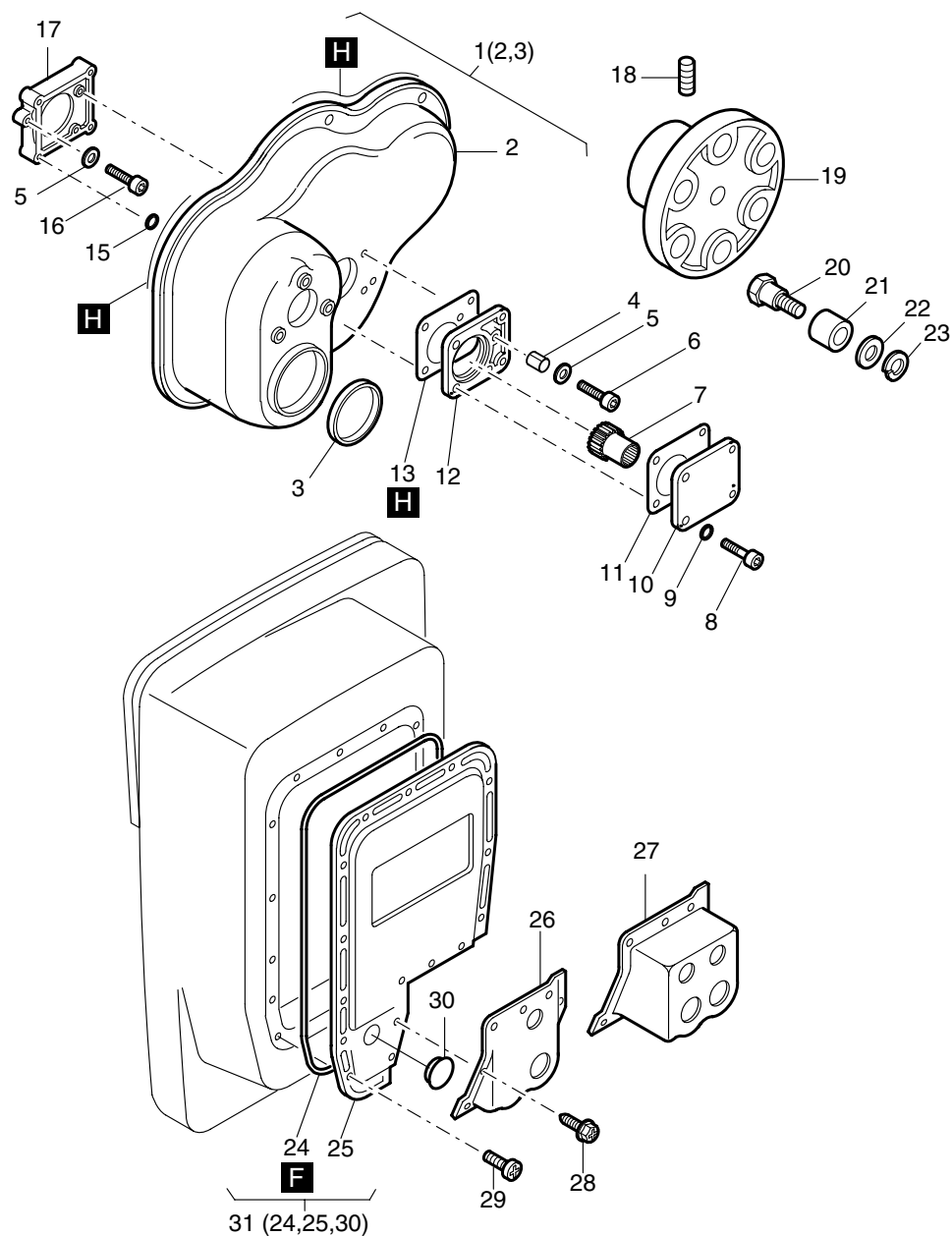


Fig.- No.	HATZ Ident-No.	Stück Qty.			P / W d / D	Bemerkungen Notes
		2L41C	3L41C	4L41C/K		
1	00993501	1	1	1		
2	-----	-	-	-		
3	50129100	1	1	1		55 x 70 x 8
4	50262000	2	2	2		10 x 10 DIN 7346
5	50002800	4	4	4		8 DIN 128
6	50258100	2	2	2		M 8 x 60 DIN 6912 - 8.8
7	01062300	1	1	1		
8	50268800	4	4	4		M 8 x 30 DIN 912 - 8.8
9	50162900	4	4	4		A 8 x 14 DIN 7603 - Cu
10	03761600	1	1	1		
11	03568000	1	1	1		
12	03555011	1	1	1		
13	03754400	1	1	1		
15	40022300	2	2	2		8 x 2
16	50052500	2	2	2		M 8 x 40 DIN 912 - 8.8
17	03754300	1	1	1		
18	50004600	1	1	1		M 8 x 16 DIN 916-45H A3C
19	03040500	1	1	1		12 H 7
20	03046900	6	6	6		
21	03151000	6	6	6		
22	03079000	6	6	6		20,3 x 26,9 x 4
23	50061601	6	6	6		VHZ 12
24	03847700	1	1	1		1260 mm "C"
25	-----	-	-	-		"C"
26	03842801	1	1	1		"C"
27	03842700	1	1	1		"C"
28	50335600	10	10	10		M 6 x 16 KZ 1-8.8 A3D
29	50289200	12	12	12		M 6 x 12 KZ 1-8.8 A3D
30	03769301	1	1	1		ø 50mm
31	01506400	1	1	1		

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

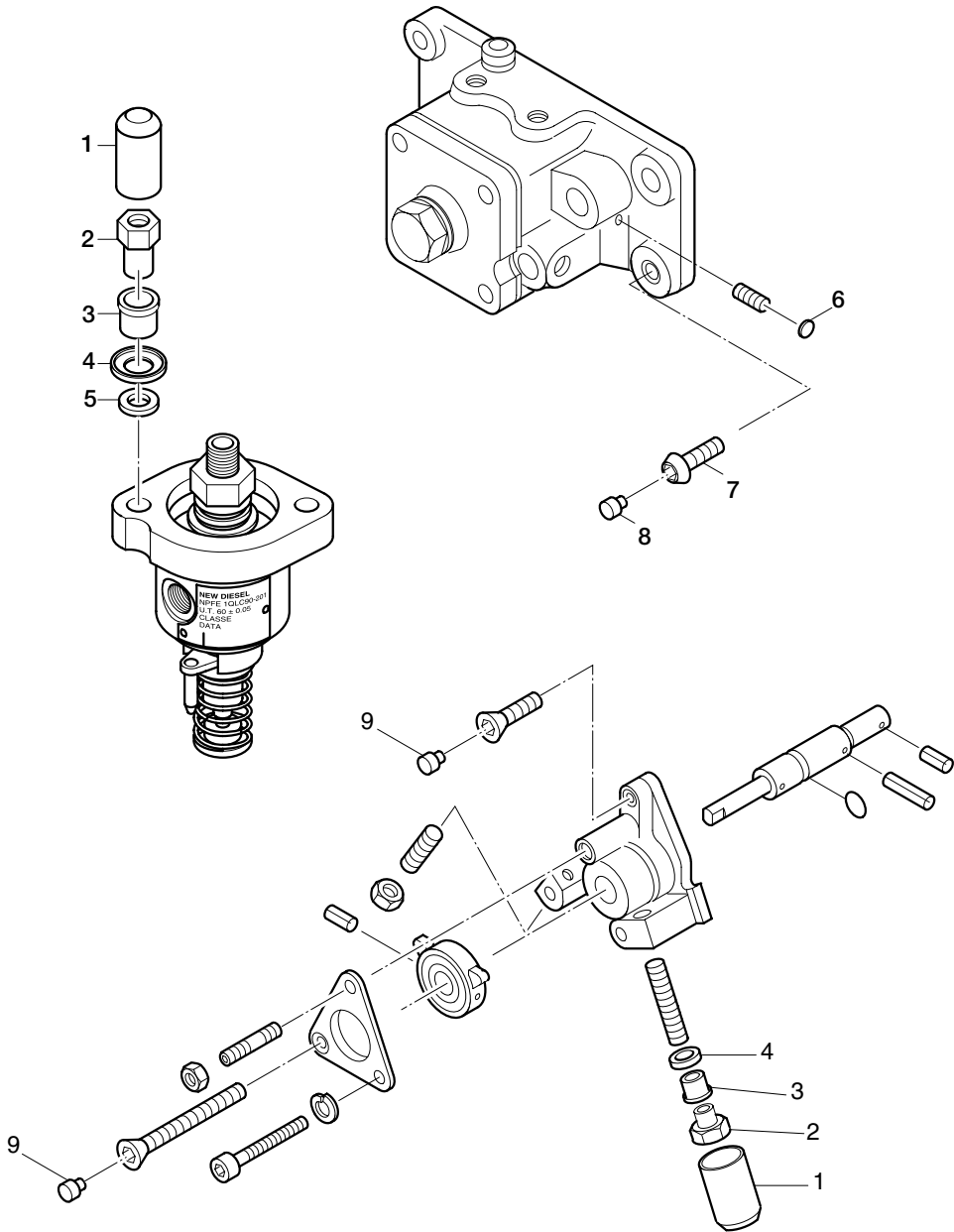


Fig.- No.	HATZ Ident-No.	Stück Qty.			P / W d / D	Bemerkungen Notes
		2L41C	3L41C	4L41C/K		
1	04127000	5	7	9		
2	04126800	5	7	9		M 8 - SW 13
3	04129700	5	7	9		
4	04134200	5	7	9		
5	03788800	4	6	8		8,4 x 15 x 2
6	50476000	1	1	1		8 DIN 470 Al
7	50524100	1	1	1		M 8 x 16 DIN 7380-10.9 A3C Tuf
8	05206600	1	1	1		ø 5,0
9	04128900	2	2	2		ø 5,0

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

IMT-No.

2 L 41.10	2 L 41.11	98.578
2 L 41.11	2 L 41.12	98.582
2 L 41.12	2 L 41.13	04.636
2 L 41.13	2 L 41.14	04.638
3 L 41.10	3 L 41.11	98.578
3 L 41.11	3 L 41.12	98.582
3 L 41.12	3 L 41.13	04.636
3 L 41.13	3 L 41.14	04.638
4 L 41.10	4 L 41.11	98.578
4 L 41.11	4 L 41.12	98.582
4 L 41.12	4 L 41.13	04.636
4 L 41.13	4 L 41.14	04.638