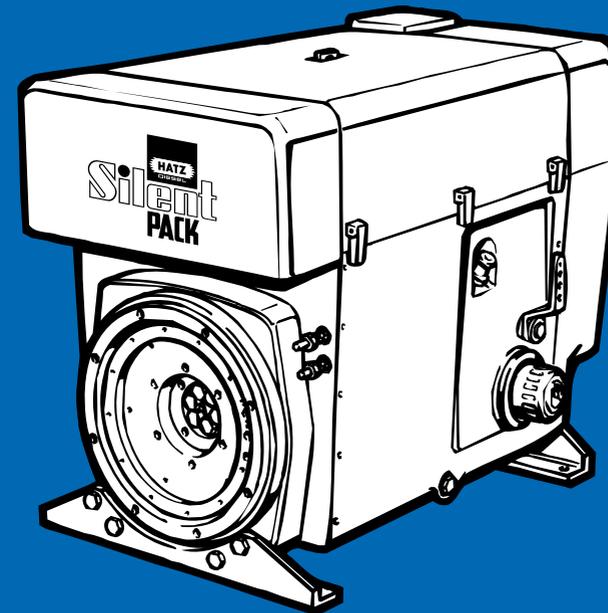


MOTORENFABRIK **HATZ** GMBH & CO KG
Ernst-Hatz-Straße 16 • 94099 Ruhstorf • Germany
Tel.: +49 (0) 85 31 / 319-0 • Telefax: +49 (0) 85 31 / 31 94 18
eMail: marketing@hatz-diesel.de • www.hatz-diesel.com

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

HATZ
DIESEL

HATZ
DIESEL



2L41C
3L41C
4L41C

0000 434 500 18
01.2011-3
Printed in Germany



Original-Ersatzteile

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

① TYPE / SPEC. / FDT
② SERIAL NO.
③ MIN ⁻¹

+ EMISSION CONTROL INFORMATION +	
MOTORENFABRIK HATZ KG · D-94099 RÜHSTORF	
ENG.FAM.	MADE IN GERMANY
TYPE / SPEC. / FDT	
①	
SERIAL NO.	Liter / PV
②	
MIN ⁻¹	NH / KW
③	BUILD DATE
This engine conforms to LM U.S. EPA regulations for normal compression-ignition engines and MY California regulation for off-road compression-ignition engines. Refer to Owner's manual for maintenance specifications and adjustments.	
EC-TYPE NO.	
+ CONSTANT-SPEED ONLY VARIABLE SPEED +	

Nächste HATZ-Servicestelle:

Nearest HATZ service station:

Station-service HATZ la plus proche:

Servicio HATZ más cercano:

Più vicino centro di servizio HATZ:

www.hatz-diesel.com

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

2 L 41.14 EPA IV Interim (102 14)

3 L 41.14 EPA IV Interim (103 14)

4 L 41.14 EPA IV Interim (104 14)

Beispiel: / Example: / Exemple: / Ejemplo: / Esempio: 102 14 11 123456

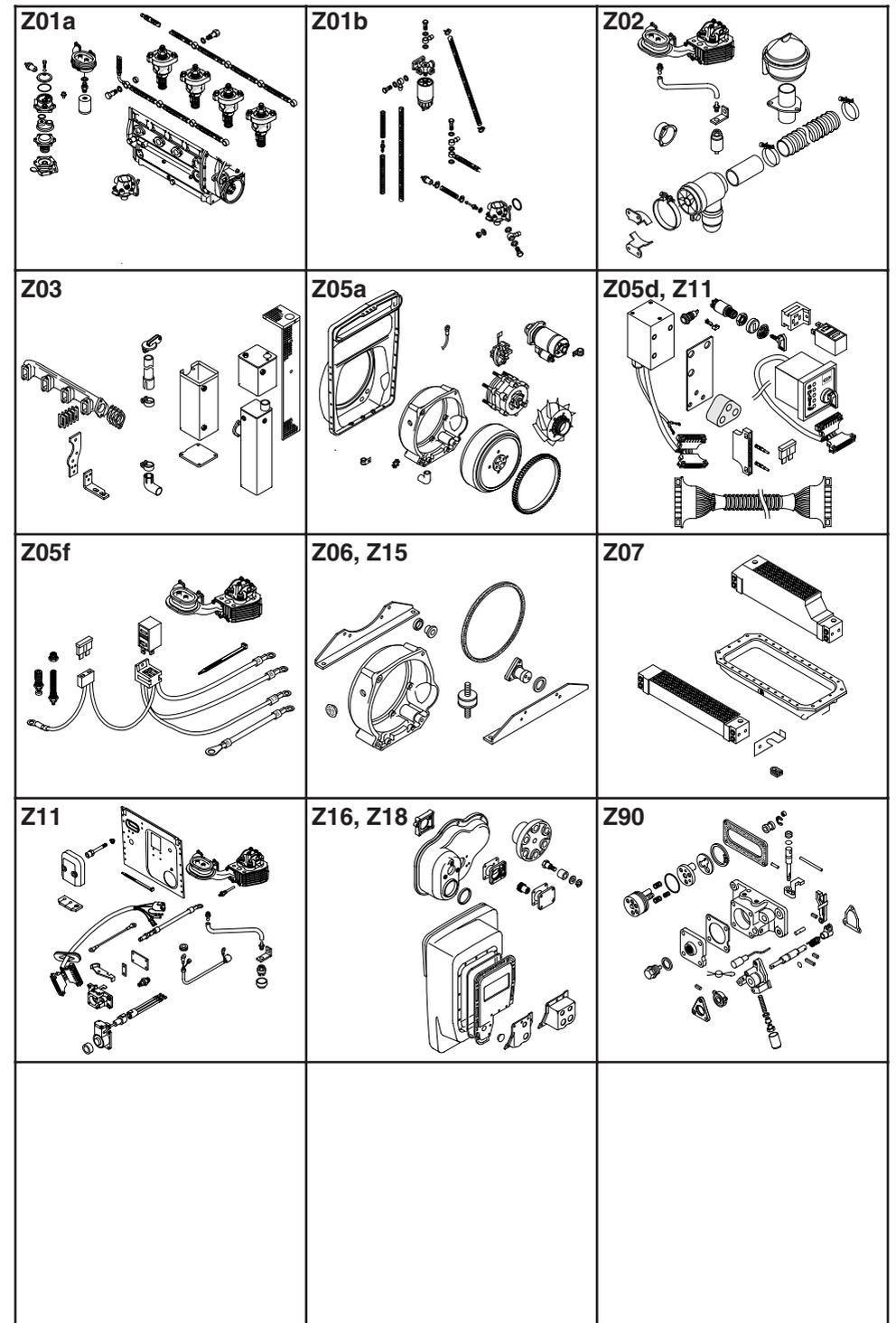
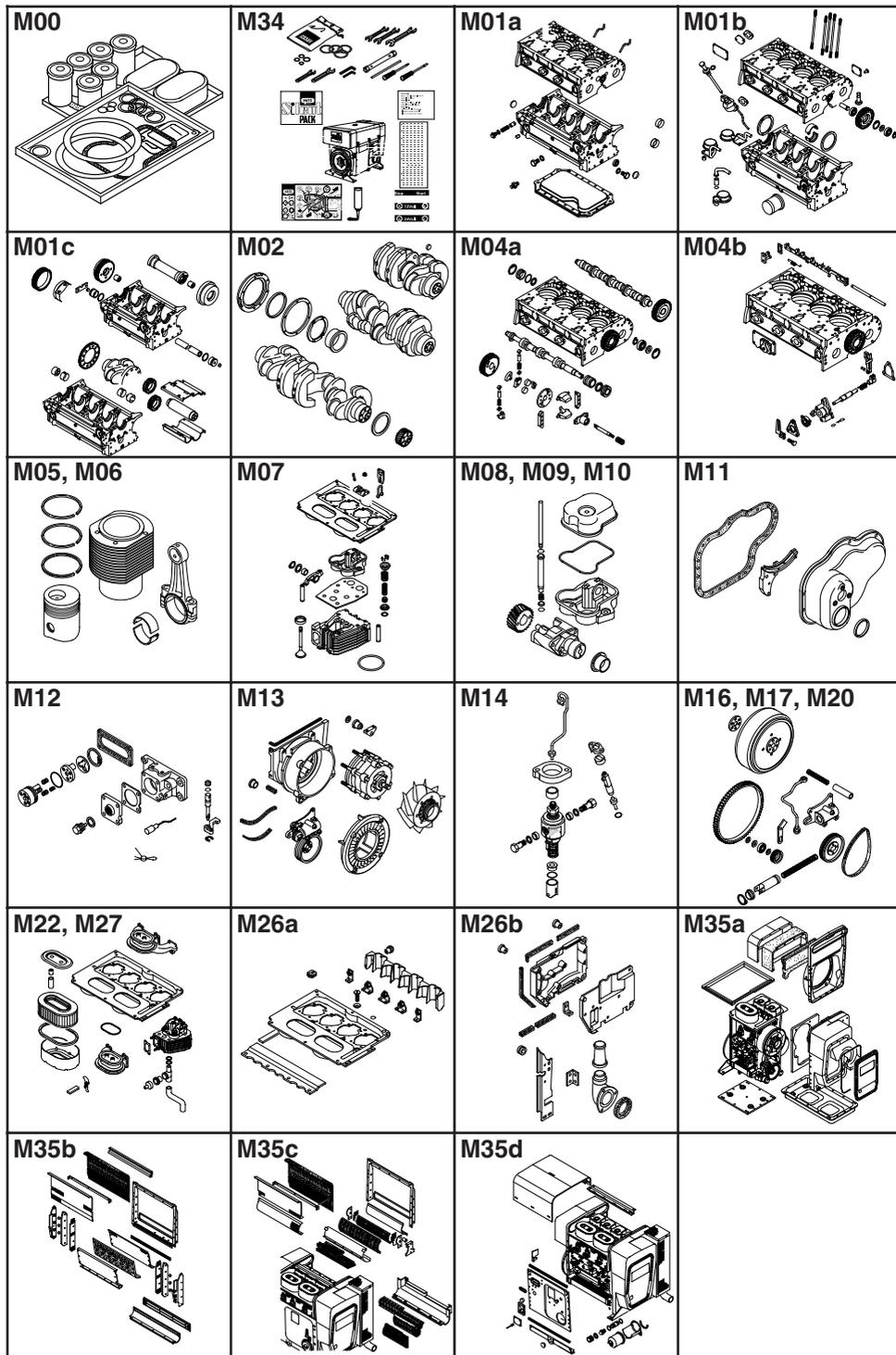
Engine type No. | Engine series | Prod. year | Consecutively number

Lassen Sie Service-Arbeiten immer von qualifiziertem Fachpersonal durchführen. Wir empfehlen Ihnen hierfür eine von über 500 **HATZ-Servicestationen**. Dort wird Ihr Motor von laufend geschultem Personal, mit **Original HATZ-Ersatzteilen** und mit **HATZ-Werkzeug** instandgesetzt.

Der Einbau von ungeeigneten Ersatzteilen kann zu Problemen führen. Für Schäden oder Folgeschäden, die daraus entstehen, können wir keine Haftung übernehmen. Wir empfehlen deshalb die Verwendung von **Original HATZ-Ersatzteilen**. Diese Teile sind nach den strengen **HATZ-Spezifikationen** gefertigt und sorgen durch ihre perfekte Passform und Funktion für höchste Betriebssicherheit.

Always have service work performed by qualified specialists. To this effect, we recommend that you consult one of the 500 **HATZ service stations**. There, your engine is repaired by staff who constantly undergo training and who use both **original HATZ spare parts** and **HATZ tools**. The installation of inappropriate spare parts may cause problems. We cannot accept any liability for damage or consequential damage resulting therefrom. Thus, we recommend that you use **original HATZ spare parts**. These parts are manufactured following the strict **HATZ specifications** and ensure, thanks to their perfect fit and function, maximum operating reliability.

Toujours faire effectuer les travaux de service après-vente par un personnel qualifié. Nous vous conseillons de contacter un des 500 **ateliers agréés HATZ**. Votre moteur y sera réparé par un personnel formé régulièrement et utilisant des **pièces de rechange d'origine HATZ** et **l'outillage HATZ**. Le montage de pièces de rechange adaptables peut entraîner des problèmes. Nous n'assumons aucune responsabilité pour des dommages directs ou indirects qui en découlent. Pour cette raison, nous vous recommandons l'utilisation des **pièces de rechange d'origine HATZ**. Ces pièces sont usinées selon les spécifications sévères **HATZ** et grâce à l'adaptation et le fonctionnement parfaits elles garantissent un maximum de sécurité de fonctionnement.



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

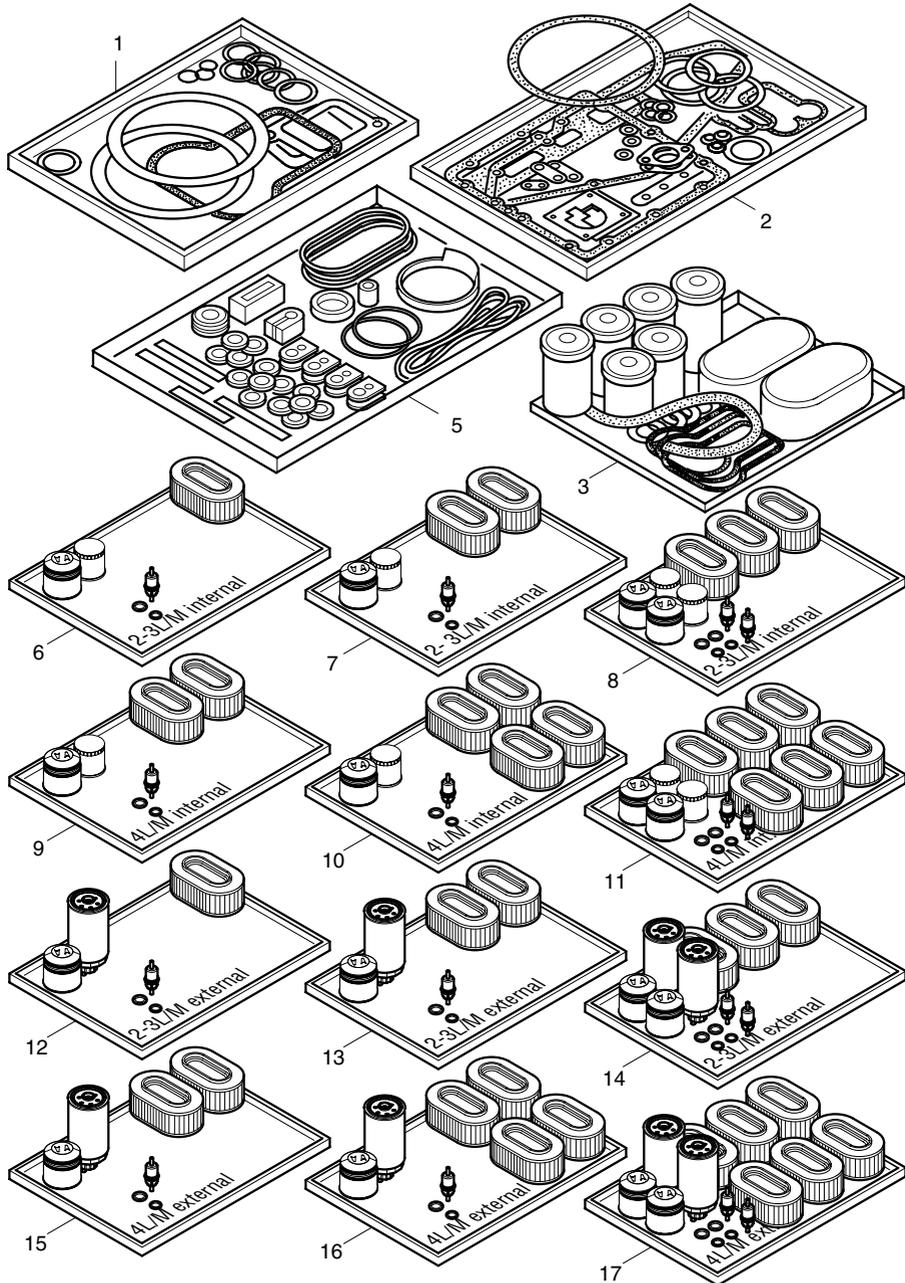
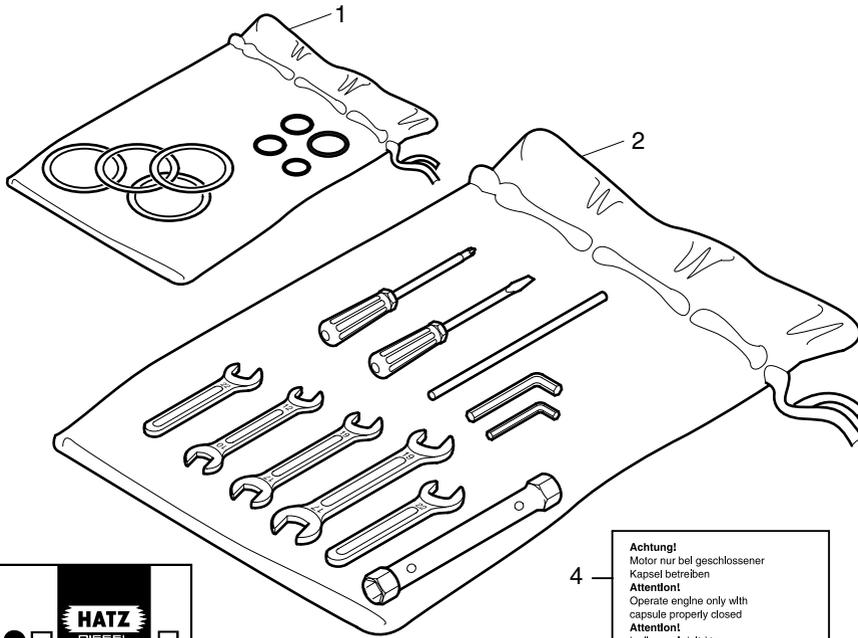


Fig.- No.	HATZ Ident-No.	Stück Qty.	W d / D	Bemerkungen Notes	
		2L41 C	3L41 C	4L41 C	
		<p>W: Im Wartungssatz enthalten. Incl. in maintenance kit. Contenu dans le jeu d'entretien. Incluido en el juego de mantenimiento. Contenuto nella serie manutenzione.</p> <p>D: Im Dichtungssatz Kurbelgeh. Incl. in gasket set crankcase. Contenu dans le jeu de joints carter moteur. Incluido en el juego de juntas caja cigüeñal. Contenuto nella serie guarnizioni basamento.</p> <p>d: Im Dichtungssatz f. 1 Zyl.-Kopf enthalten. Incl. in gasket set f. 1 cyl. head. Contenu dans le jeu de joint p. 1 culasse. Incluido en el juego de juntas p. 1 culata. Contenuto nella serie guarnizioni p. 1 testa.</p>			
1	0000 018 066 01	2	3	4	Dichtungssatz für 1 Zylinderkopf Gasket set for 1 cyl. head Jeu de joint p. 1 culasse Juego de juntas para 1 culata Serie guarnizioni per 1 testa
2	0000 018 065 01	1	1	1	Dichtungssatz für Kurbelgehäuse Gasket set for crankcase Jeu de joints p. carter moteur Juego de juntas para caja cigüeñal Serie guarnizioni basamento
3	0000 009 871 06	1	-	-	Wartungssatz für 1000 h 1000 hours maintenance kit Kit d'entretien 1000 heures -
3	0000 009 915 06	-	1	-	Juego de piezas para servicio 1000 horas
3	0000 012 033 06	-	-	1	Kit di manutenzione a 1000 ore
5	0000 012 157 00	1	1	1	Gummiteilsatz, Rubber comp. set "C/K" Garniture caout., Guarnicion Goma.
6	0000 022 665 00	1	1	-	Filterprogramm "INTERN"
7	0000 022 667 00	1	1	-	Filter program "INTERNAL"
8	0000 022 697 00	1	1	-	Progr. de filtr. "INTERNE"
9	0000 022 667 00	-	-	1	Progr. de filtros "INTERN"
10	0000 022 687 00	-	-	1	Programma di filtro "INTERNO"
11	0000 022 699 00	-	-	1	
12	0000 022 666 00	1	1	-	Filterprogramm "EXTERN"
13	0000 022 668 00	1	1	-	Filter program "EXTERNAL"
14	0000 022 698 00	1	1	-	Progr. de filtr. "EXTERNE"
15	0000 022 668 00	-	-	1	Progr. de filtros "EXTERNO"
16	0000 022 688 00	-	-	1	Programma di filtro "ESTERNO"
17	0000 022 700 00	-	-	1	

M34

Zubehör
Accessories
Accessoires
Accessorios
Kit accessori



Achtung!
Motor nur bei geschlossener Kapsel betreiben
Attention!
Operate engine only with capsule properly closed
Attention!
Le "cocon" doit être parfaitement fermé avant la mise en marche du moteur

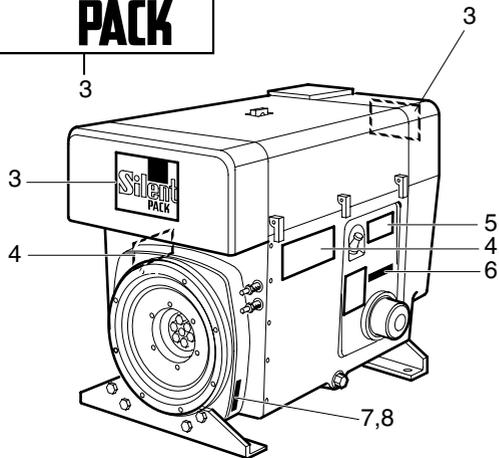


Fig.- No.	HATZ Ident-No.	Stück Qty.			W d / D	Bemerkungen Notes
		2L41 C	3L41 C	4L41 C		
1	0000 009 383 01	1	1	1		Zubehörsatz - Accessoires kit Werkzeugsatz - Tool set "C"
2	0000 009 939 00	1	1	1		
3	0000 036 389 00	2	2	2		
4	0000 036 144 02	2	2	2		
5	0000 037 883 01	1	1	1		
6	0000 033 254 00	1	1	1		
7	0000 031 752 00	1	1	1		12V "C/K"
8	0000 036 694 00	1	1	1		24V "C/K"

Dicht- und Klebstoffe Materias para empaquetar y pegar
Sealing- and bonding adhesives Adesivi e collanti
Etanchéifiant et Colle

A = 0000 502 230 01	Loctite Activator N	500 ml	} siehe Hinweis auf den einzelnen Bildtafeln as specified in the individual tables suivant les remarques sur les tableau correspondant según las indicaciones de las tablas correspondientes seguire le indicazioni sul quadro corrispondente
B = 0000 502 231 01	Loctite 574	50 ml	
C = 0000 502 232 00	Loctite 601	50 ml	
D = 0000 502 233 00	Loctite 221	50 ml	
E = 0000 502 234 00	Loctite 648	10 ml	
F = 0000 502 238 00	Technicoll 8058	0,75 kg	
+ 0000 502 239 00	Technicoll 8367	0,75 kg	
G = 0000 502 565 01	Loctite IS 407	20 g	
H = 0000 700 189 44	Silicon	310 ml	
J = 0000 502 830 04	Hochtemp. Paste	100 ml	
K = 0000 503 426 01	Hochtemp. Fett	400 g	
L = 0000 502 566 00	Silicon sealer	100 g	
M = 0000 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)

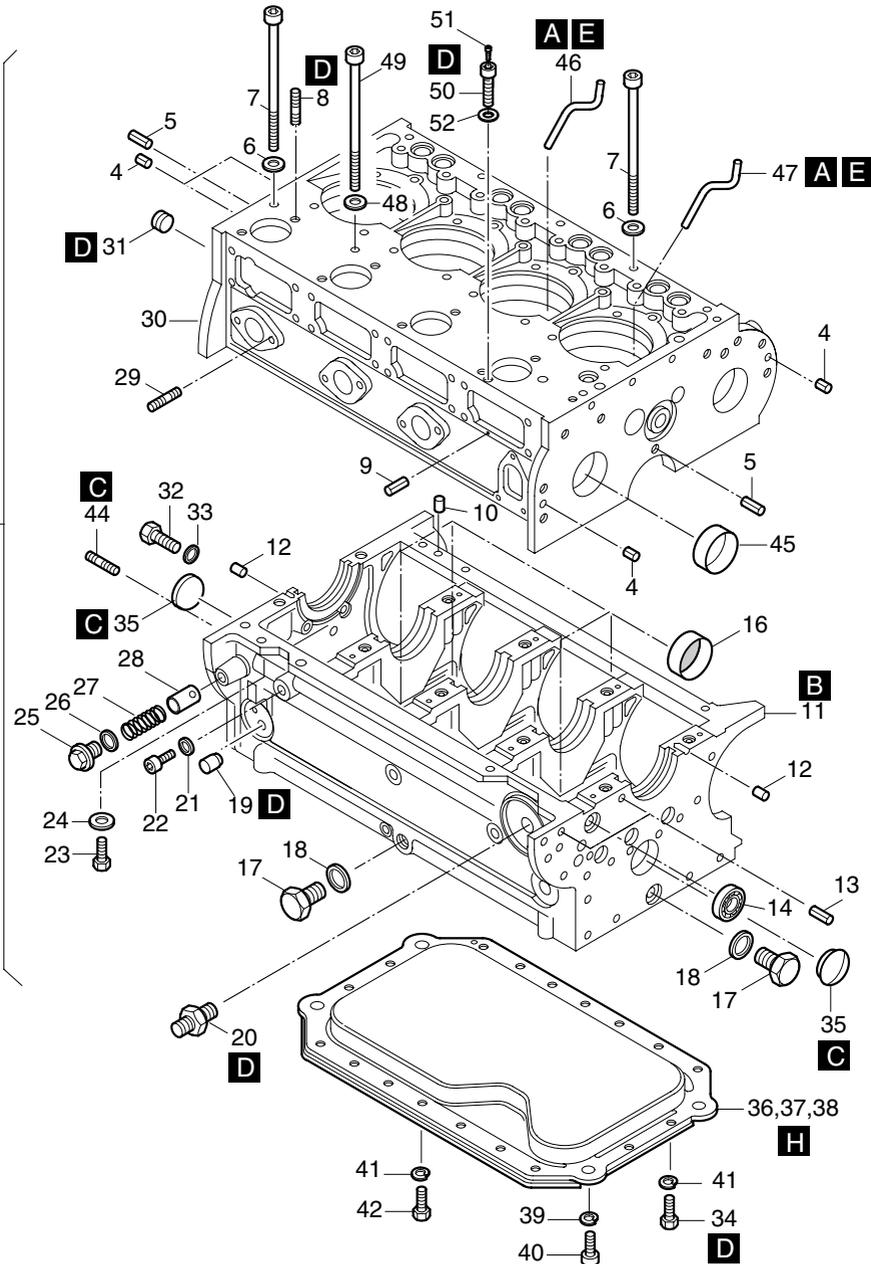


Fig.- No.	HATZ Ident-No.	Stück Qty.			W d / D	Bemerkungen Notes
		2L41 C	3L41 C	4L41 C		
1	0000 018 089 00	1	-	-		
2	0000 018 090 00	-	1	-		
3	0000 018 091 00	-	-	1		"C"
3	0000 018 092 00	-	-	1		"K"
4	0000 501 400 00	4	4	4		8 x 8 DIN 7346 55 Si 7
5	0000 501 305 00	2	2	2		5 x 24 ISO 8752-ST
6	0000 034 693 00	5	6	7		12,5 x 22 x 3
7	0000 501 259 00	5	6	7		M 12x1,5x190 DIN 912-10.9
8	0000 505 489 00	4	6	8		M 8 x 70 DIN 939 - 10.9
9	0000 501 305 00	1	1	1		5 x 24 ISO 8752-ST
10	0000 036 353 00	1	1	1		8 x 20
11	-----	-	-	-		
12	0000 501 314 00	2	2	2		10 mm 6 x 14 DIN 7-St 50K
13	0000 500 849 01	2	2	2		8 x 12 DIN 7346 55 Si 7 2Fasen
14	0000 501 302 00	1	1	1		HK 16/16
16	0000 036 271 00	-	-	4		Ø 48 mm "K"
17	0000 501 404 00	2	2	2		W1 AM22x1,5DIN7604-5.8A3C
18	0000 500 016 00	2	2	2		W4,D4 A 22 x 27 DIN 7603 Cu
19	0000 036 457 00	0...2	0...2	0...2		n <= 1500 min-1
20	0000 400 654 00	1	1	1		
21	0000 500 624 00	1	1	1		D3 A 10 x 13,5 DIN 7603-Cu
22	0000 500 623 00	1	1	1		M 10 x 1 DIN 908-5.8 A3C
23	0000 500 268 00	8	12	17		M 8 x 20 DIN 933-8.8
24	0000 500 028 00	8	12	17		8 DIN 128
25	0000 032 493 00	1	1	1		M 18 x 1,5
26	0000 500 014 00	1	1	1		W4,D2 A 18 x 22 DIN 7603 - Cu
27	0000 036 399 00	1	1	1		
28	0000 036 398 00	1	1	1		
29	0000 501 392 01	2	2	2		M6 x 16 DIN 939-8.8 A3C
30	-----	-	-	-		
31	0000 500 438 00	1	1	1		M 14 x 1,5 DIN 906
34	0000 502 793 01	4	4	-		M8x16 ISO 4017-8.8 PRECOTE
35	0000 501 408 00	2	2	-		38 DIN 443
36	0000 037 526 01	1	-	-		
37	0000 037 527 01	-	1	-		
39	0000 500 030 00	4	4	-		12 DIN 128
40	0000 500 806 00	4	4	-		M 12 x 20 DIN 912 - 8.8
41	0000 500 028 00	12	18	-		8 DIN 128
42	0000 500 267 00	8	14	-		M 8 x 16 DIN 933 - 8.8
44	0000 502 408 00	2	2	-		M 8 x 12 DIN 938 - 8.8
45	0000 037 655 00	1	1	1		
46	0000 036 459 00	1	2	3		s. Techn. Hinweis 950 386 01
47	0000 036 460 00	1	1	1		s. drawing 950 386 01
48	0000 505 215 00	1	2	3		13 DIN 433 - 300 HV
49	0000 501 259 00	1	2	3		M 12x1,5x190 DIN 912-10.9
50	0000 042 384 00	1	1	1		M 8
51	0000 505 608 00	1	1	1		M 3 x 8 ISO 4762-A3C-KL 360G
52	0000 500 009 00	1	1	1		A 8 x 11,5 DIN 7603-Cu

M01b

Kurbelgehäuse
Crankcase
Carter moteur
Caja cigueñal
Basamento motore

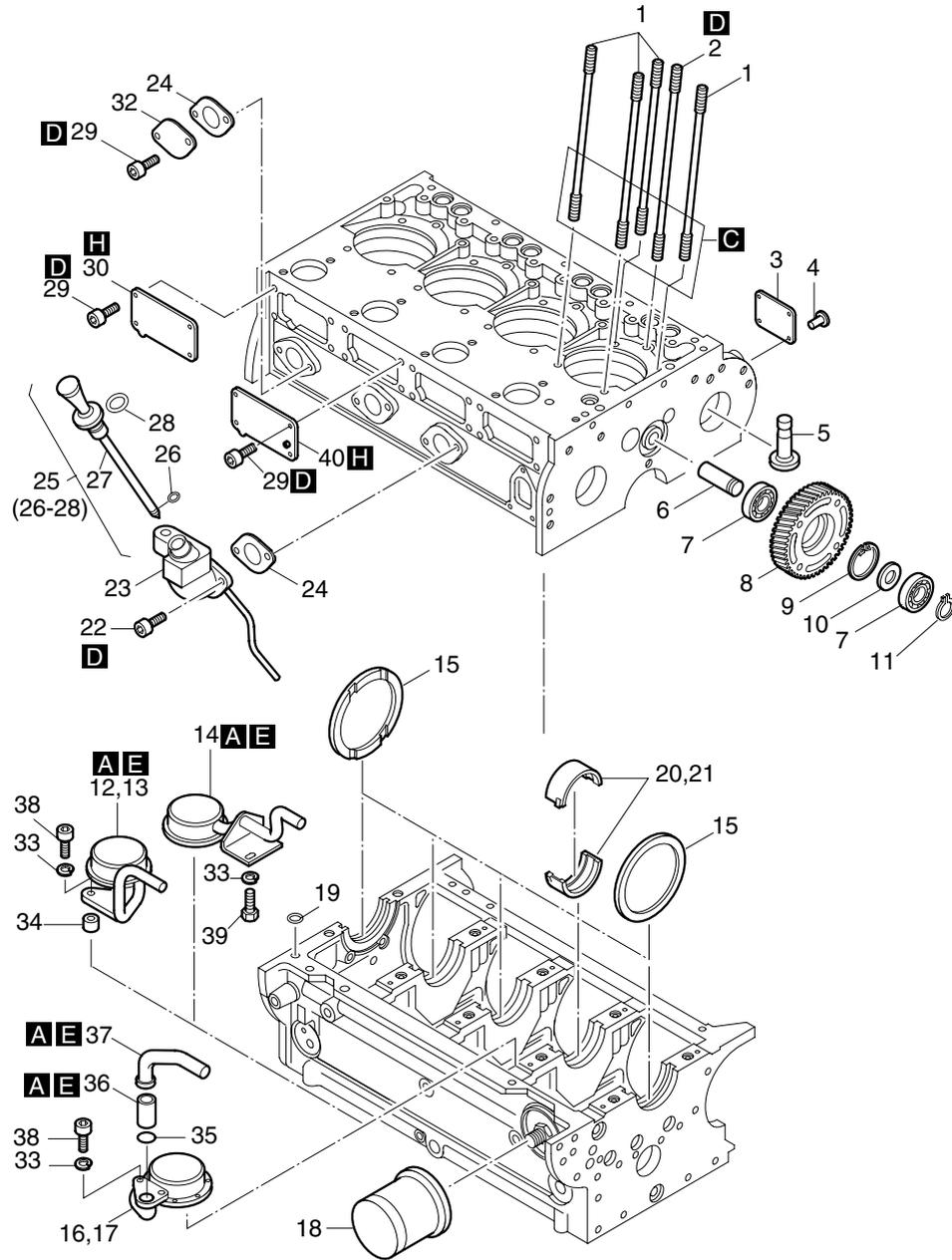


Fig.- No.	HATZ Ident-No.	Stück Qty.			W d / D	Bemerkungen Notes
		2L41 C	3L41 C	4L41 C		
1	0000 036 257 02	8	12	16		273 mm
2	0000 036 258 02	2	3	4		317 mm
3	-----	-	-	-		
4	0000 400 025 00	4	4	4		2,4
5	0000 035 545 01	4	6	8		
6	0000 034 696 01	1	1	1		
7	0000 500 137 00	2	2	2		6204 C3 DIN 625
8	0000 035 617 10	1	1	1		
9	0000 500 217 00	1	1	1		J 47 x 1,75 DIN 472
10	0000 034 623 00	1	1	1		20,1 x 28 x 1,7
11	0000 501 276 00	1	1	1		AS 20 x 1,75 DIN 471
12	0000 009 293 01	1	-	-		
13	0000 009 294 01	-	1	-		
14	0000 009 292 01	-	-	1		f.Grp A07 Pos 17
15	0000 034 633 00	2	2	2		
16	0000 009 290 01	1	-	-		f.Grp A07 Pos 15
17	0000 009 291 01	-	1	-		f.Grp A07 Pos 16
18	0000 400 653 01	1	1	1	W2	Oilfilter
19	0000 502 194 00	1	1	1	D1	12 x 2
20	0000 022 511 00	3	4	5		ø 72mm
21	0000 022 512 00	3	4	5		ø 71,5mm
22	0000 500 519 00	2	2	2		M 8 x 20 DIN 912-8.8
23	0000 009 326 02	1	-	-		
23	0000 009 148 03	-	1	1		
24	0000 501 290 00	1	1	2	D2	36 x 58 x 0,5
25	0000 007 397 02	1	1	-		"A"
25	0000 009 311 00	1	-	-		"C" f.Grp A07 Pos 15
25	0000 009 308 00	-	1	1		"D" f.Grp A07 Pos 16/17
26	0000 502 025 02	1	1	1	D1	3,0 x 1,6
27	-----	-	-	-		
28	0000 501 399 00	1	1	1	D1	23,3 x 2,4
29	0000 501 289 00	4	8	14		M 8 x 16 DIN 912 - 8.8
30	0000 034 692 01	1	2	3		
32	0000 032 633 00	-	-	1		
33	0000 500 028 00	2	2	2		8 DIN 128
34	0000 034 670 00	2	2	-		8,5 x 13 x 9
35	0000 502 580 00	1	1	-	D1	17 x 3
36	0000 036 176 00	1	1	-		f.Grp A07 Pos 15/16
37	0000 036 165 00	1	1	-		f.Grp A07 Pos 15/16
38	0000 500 519 00	2	2	-		M 8 x 20 DIN 912-8.8
39	0000 500 267 00	-	-	2		M 8 x 16 DIN 933 - 8.8
40	0000 020 141 00	-	-	1		

M01c

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

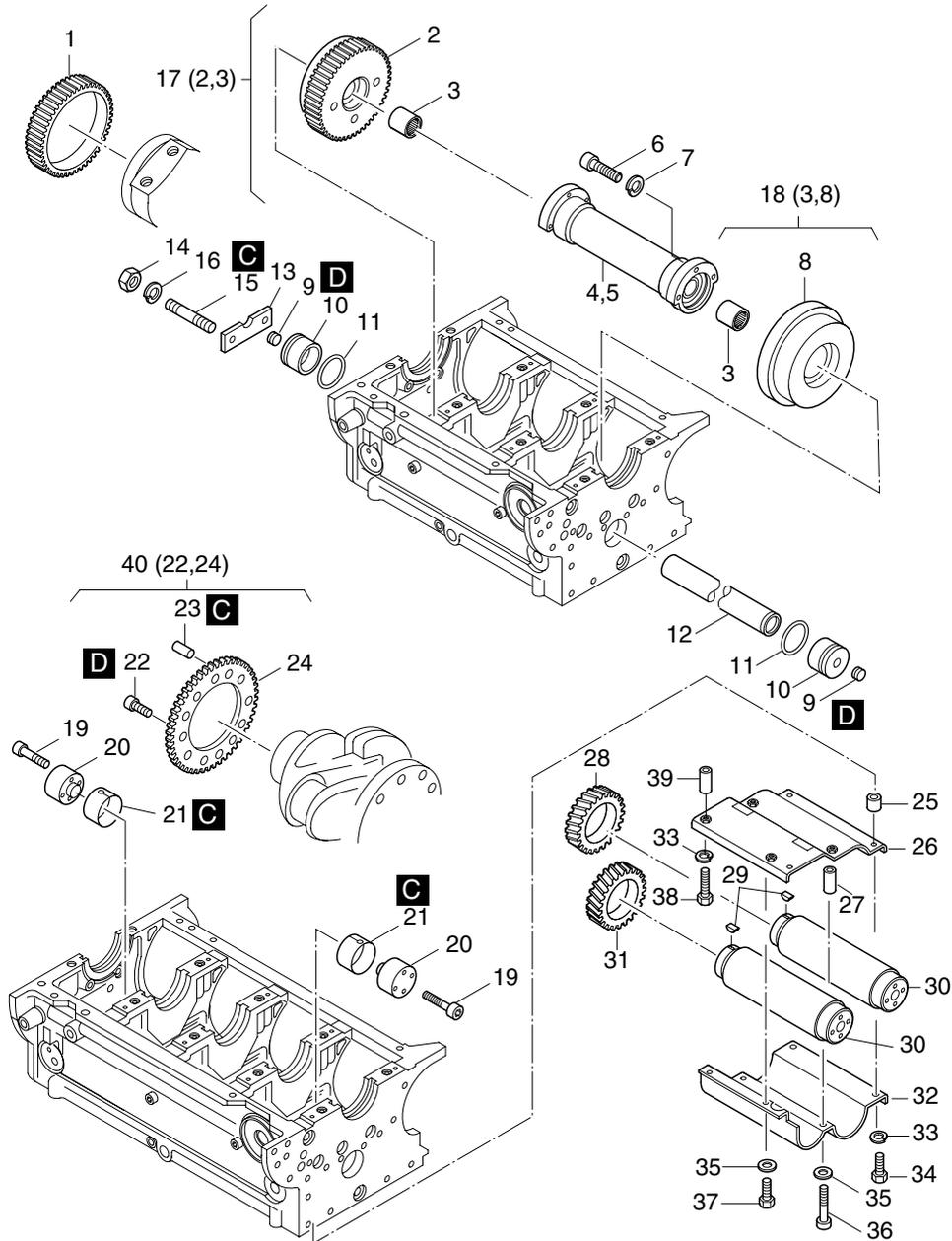


Fig.- No.	HATZ Ident-No.	Stück Qty.			W d / D	Bemerkungen Notes
		2L41 C	3L41 C	4L41 C		
1	0000 035 533 00	1	1	-		
2	-----	-	-	-		
3	0000 501 285 00	2	2	-		
4	0000 035 530 00	1	-	-	219 mm	
5	0000 041 400 00	-	1	-	354 mm	
6	0000 500 520 00	6	6	-	M 8 x 20 DIN 6912-8.8 A3C	
7	0000 500 028 00	6	6	-	8 DIN 128	
8	-----	-	-	-		
9	0000 500 436 00	2	2	-	M 10 x 1 DIN 906	
10	0000 034 634 00	2	2	-		
11	0000 501 322 00	2	2	-	33,3 x 2,4	
12	0000 034 635 00	1	-	-		
12	0000 035 900 00	-	1	-		
13	0000 034 629 00	1	1	-		
14	0000 500 229 00	2	2	-	M 8 DIN 934 - 8	
15	0000 502 408 00	2	2	-	M 8 x 12 DIN 938 - 8.8	
16	0000 500 028 00	2	2	-	8 DIN 128	
17	0000 009 020 00	1	1	-		
18	0000 009 019 00	1	1	-		
19	0000 501 279 01	-	-	16	M 8 x 40 DIN 912 - 12.9	
20	0000 036 270 00	-	-	4		
21	0000 036 272 01	-	-	4		
22	0000 504 188 00	-	-	8	M 10 x 20 DIN 912 - 12.9	
23	0000 501 150 00	-	-	1	10 m 6 x 20 DIN 7 St.	
24	-----	-	-	-		
25	0000 035 996 00	-	-	2	8,5 x 13 x 6	
26	0000 009 178 00	-	-	1		
27	0000 035 998 00	-	-	2		
28	0000 035 534 03	-	-	1		
29	0000 500 177 00	-	-	2	4 x 5 DIN 6888	
30	0000 009 356 00	-	-	2		
31	0000 035 536 03	-	-	1		
32	0000 035 992 00	-	-	1		
33	0000 500 028 00	-	-	4	8 DIN 128	
34	0000 500 519 00	-	-	2	M 8 x 20 DIN 912-8.8	
35	0000 500 812 00	-	-	4	A 6 DIN 137 - A3C	
36	0000 500 737 00	-	-	2	M 6 x 45 DIN 931 - 8.8 A3C	
37	0000 500 506 00	-	-	2	M 6 x 12 DIN 912-8.8	
38	0000 500 521 00	-	-	2	M8 x 25 DIN 912 - 8.8	
39	0000 035 997 00	-	-	2	8,5 x 13 x 14,5	
40	0000 015 082 00	-	-	1		

M02

Kurbelwelle
Crankshaft
Vilebrequin
Cigueñal
Albero a gomito

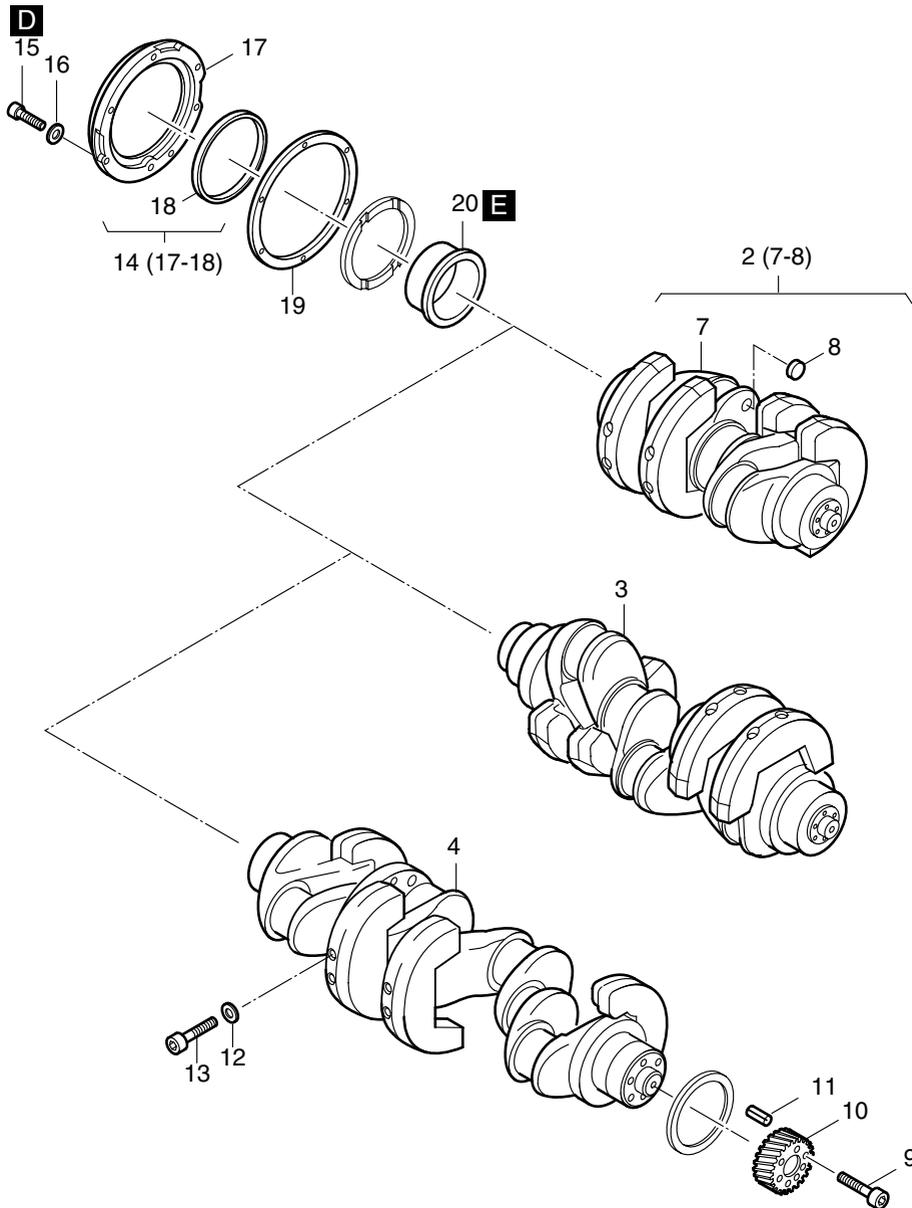


Fig.- No.	HATZ Ident-No.	Stück Qty.			W d / D	Bemerkungen Notes
		2L41 C	3L41 C	4L41 C		
2	0000 009 508 01	1	-	-		
3	0000 009 550 00	-	1	-		
4	0000 009 563 00	-	-	1		
7	-----	-	-	-		
8	0000 502 072 00	2	-	-		36 DIN 443
9	0000 501 279 01	6	6	6		M 8 x 40 DIN 912 - 12.9
10	0000 035 616 03	1	1	1		
11	0000 501 280 00	1	1	1		11 x 10 DIN 7346 55 Si 7
12	0000 500 029 00	8	8	8		A 10 DIN 128
13	0000 501 328 00	8	8	8		M 10 x 40 DIN 912 - 10.9
14	0000 009 575 00	1	1	1		
15	0000 502 366 00	6	6	6		M 6 x 25 DIN 6912-8.8 A3C
16	0000 500 812 00	6	6	6		A 6 DIN 137 - A3C
17	-----	-	-	-		
18	0000 502 246 02	1	1	1		D1 80 x 100 x 10
19	0000 035 506 01	1	1	1		D1
20	0000 037 806 00	0... 1	0... 1	0... 1		80mm

M04a

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

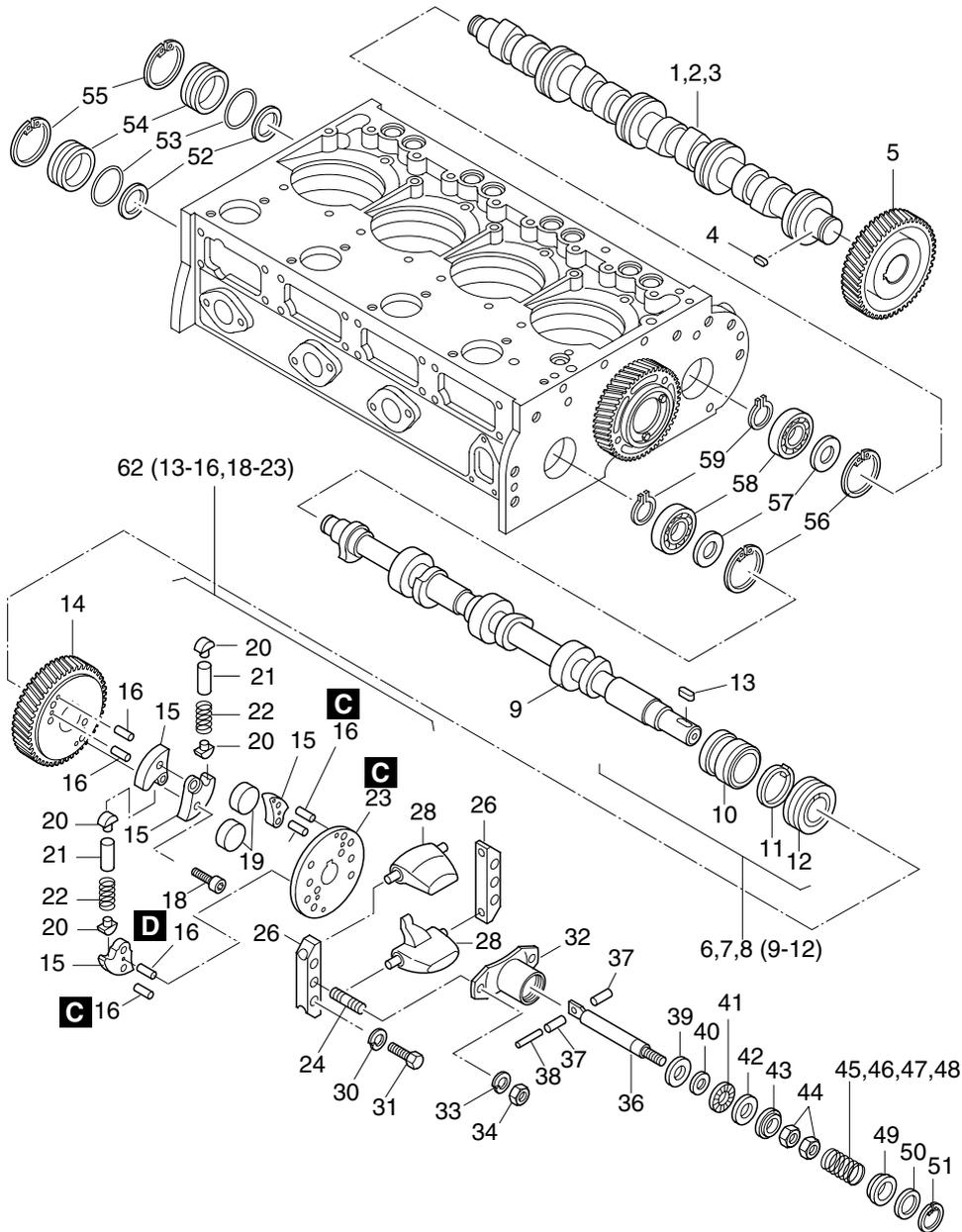


Fig.- No.	HATZ Ident-No.	Stück Qty.			W d / D	Bemerkungen Notes
		2L41 C	3L41 C	4L41 C		
1	0000 035 567 00	1	-	-		
2	0000 035 557 00	-	1	-		
3	0000 035 580 00	-	-	1		
4	0000 500 113 00	1	1	1		A 8 x 7 x 22 DIN 6885
5	0000 035 618 00	1	1	1		
6	0000 018 071 00	1	-	-		
7	0000 018 072 00	-	1	-		
8	0000 018 073 00	-	-	1		
9	-----	-	-	-		
10	-----	-	-	-		
11	0000 035 765 01	1	1	1		
12	-----	-	-	-		
13	0000 501 316 00	1	1	1		A 6 x 6 x 20 DIN 6885 St 60
14	0000 041 097 00	1	1	1		
15	0000 041 094 01	4	4	4		
16	0000 501 400 00	8	8	8		8 x 8 DIN 7346 55 Si 7
18	0000 501 432 00	8	8	8		M6 x 18 DIN 6912 - 10.9
19	0000 013 219 00	2	2	2		
20	0000 041 096 00	4	4	4		
21	0000 041 095 00	2	2	2		
22	0000 041 098 00	2	2	2		
23	0000 041 093 00	1	1	1		
24	0000 501 315 00	2	2	2		M 8 x 30 DIN 938 - 8.8
26	0000 041 124 00	2	2	2		
28	0000 035 729 00	2	2	2		
30	0000 503 473 01	4	4	4		VHZ 8 A3C
31	0000 500 270 00	4	4	4		M 8 x 25 DIN 933 - 8.8
32	0000 037 731 01	1	1	1		
33	0000 400 278 00	2	2	2		8
34	0000 500 229 00	2	2	2		M 8 DIN 934 - 8
36	0000 037 726 00	1	1	1		
37	0000 037 725 02	2	2	2		
38	0000 035 764 00	1	1	1		
39	0000 037 727 01	1	1	1		
40	0000 502 680 00	1	1	1		6 x 12 x 0,5 DIN 988
41	0000 041 179 00	1	1	1		
42	0000 502 682 00	1	1	1		AS 1024
43	0000 037 728 00	1	1	1		
44	0000 501 444 00	2	2	2		M 6 DIN 934 - 8 A3C
45	0000 036 014 02	0...1	0...1	0...1		ø 2,5 mm 1500 min-1 Gen
46	0000 036 013 01	0...1	0...1	0...1		ø 2,6 mm 1550...1800 min-1
47	0000 036 012 01	0...1	0...1	0...1		ø 3,0 mm 1850...2300 min-1
48	0000 035 744 01	0...1	0...1	0...1		ø 3,2 mm 2350...3000min-1 Gen
49	0000 035 719 00	1	1	1		
50	0000 037 729 00	1	1	1		

M04a

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

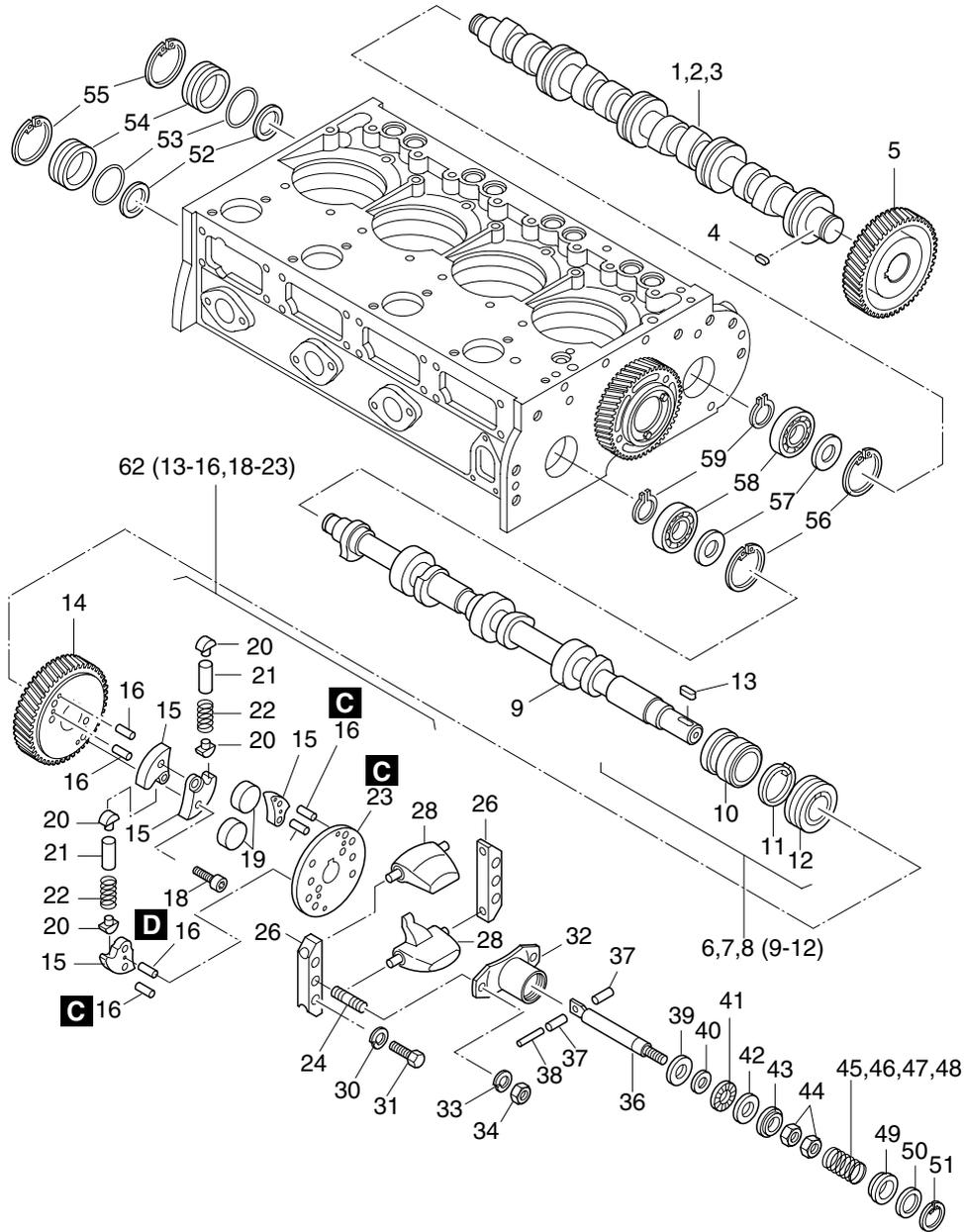


Fig.- No.	HATZ Ident-No.	Stück Qty.			W d / D	Bemerkungen Notes
		2L41 C	3L41 C	4L41 C		
51	0000 500 210 00	1	1	1		J 32 x 1,2 DIN 472
52	0000 501 327 00	0... 4	0... 4	0... 4		37 x 47 x 0,1 DIN 988
52	0000 502 773 00	0... 1	0... 1	0... 1		37 x 47 x 0,5 DIN 988
53	0000 501 307 00	2	2	2		D2 42 x 2,5
54	0000 034 697 00	2	2	2		
55	0000 500 217 00	2	2	2		J 47 x 1,75 DIN 472
56	0000 500 217 00	2	2	2		J 47 x 1,75 DIN 472
57	0000 501 329 00	0... 3	0... 3	0... 3		20 x 28 x 0,1 DIN 988
58	0000 500 137 00	2	2	2		6204 C3 DIN 625
59	0000 501 276 00	2	2	2		AS 20 x 1,75 DIN 471
62	0000 013 238 00	1	1	1		

M04b

Drehzahlverstellung
Speed control
Reglage regime
Ajuste de revoluciones
Comando acceleratore

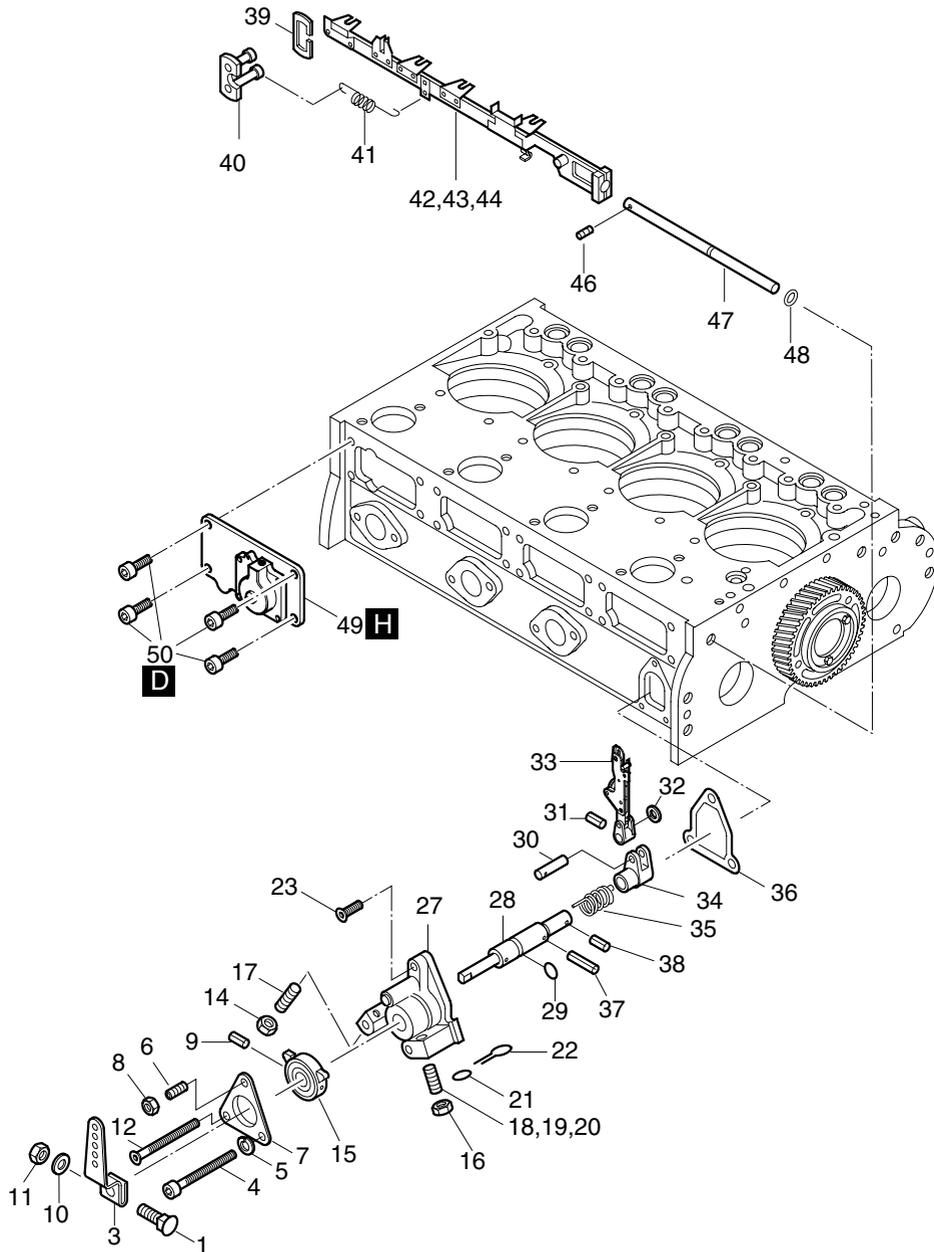


Fig.- No.	HATZ Ident-No.	Stück Qty.			W d / D	Bemerkungen Notes
		2L41 C	3L41 C	4L41 C		
1	0000 039 273 01	1	1	1		M 6 x 32
3	0000 038 883 00	1	1	1		
4	0000 500 530 00	1	1	1		M 8 x 70 DIN 912 - 8.8
5	0000 500 028 00	1	1	1		8 DIN 128
6	0000 502 792 00	1	1	1		M 8 x 40 DIN 835-8.8 A3C
7	0000 041 318 00	1	1	1		
8	0000 400 284 00	1	1	1		VM 8 DIN 980-8 C3A
9	0000 500 350 00	1	1	1		5 x 40 ISO 8752-ST
10	0000 501 445 00	1	1	1		6,4 DIN 125-St A3C
11	0000 503 465 00	1	1	1		M 6 DIN 934 - 10 A2F
12	0000 504 708 00	1	1	1		M 8 x 70 DIN 7991-8.8 Tuf.360G
14	0000 503 353 00	1	1	1		M 8 SW 12 A3C
15	0000 034 688 10	1	1	1		
16	0000 500 229 00	1	1	1		M 8 DIN 934 - 8
17	0000 031 695 01	1	1	1		M 8 x 50 < 2200 min-1
18	0000 032 459 00	0... 1	0... 1	0... 1		M 8 x 35 n > 2600 min-1
19	0000 036 429 00	0... 1	0... 1	0... 1		M 8 x 45 n=2200...2600 min-1
19	0000 037 740 00	0... 1	0... 1	0... 1		M 8 x 40 n=2200...2600 min-1
20	0000 031 695 01	0... 1	0... 1	0... 1		M 8 x 50 < 2200 min-1
21	0000 400 214 00	1	1	1		8 mm ø
22	0000 400 215 00	1	1	1		0,5 / 0,3 x 200
23	0000 504 707 00	1	1	1		M 8 x 20 DIN 7991-8.8 Tuf.360G
27	0000 041 317 00	1	1	1		
28	0000 034 689 40	1	1	1		
29	0000 400 817 00	1	1	1		D1 12 x 2
30	0000 034 690 10	1	1	1		
31	0000 501 275 00	1	1	1		3 x 14 DIN 1481
32	0000 042 141 00	1	1	1		6,1 x 15 x 0,4
33	0000 013 794 01	0... 1	0... 1	0... 1		Nr. 1
33	0000 013 833 01	0... 1	0... 1	0... 1		Nr. 2
33	0000 013 834 01	0... 1	0... 1	0... 1		Nr. 3
33	0000 013 835 01	0... 1	0... 1	0... 1		Nr. 4
33	0000 013 836 01	0... 1	0... 1	0... 1		Nr. 5
33	0000 010 862 02	0... 1	0... 1	0... 1		Nr. 12 Gen.
34	0000 034 691 20	1	1	1		
35	0000 038 614 00	1	1	1		
36	0000 034 659 00	1	1	1		D1
37	0000 502 690 00	1	1	1		4 x 26 ISO 8752-ST
38	0000 501 319 00	1	1	1		4 x 12 ISO 8752-ST
39	0000 038 650 10	0... 3	0... 3	0... 3		D3
40	0000 013 731 01	1	1	1		
41	0000 013 933 00	1	1	1		
42	0000 013 728 02	1	-	-		
43	0000 013 729 02	-	1	-		
44	0000 013 730 03	-	-	1		

M04b

Drehzahlverstellung
 Speed control
 Reglage regime
 Ajuste de revoluciones
 Comando acceleratore

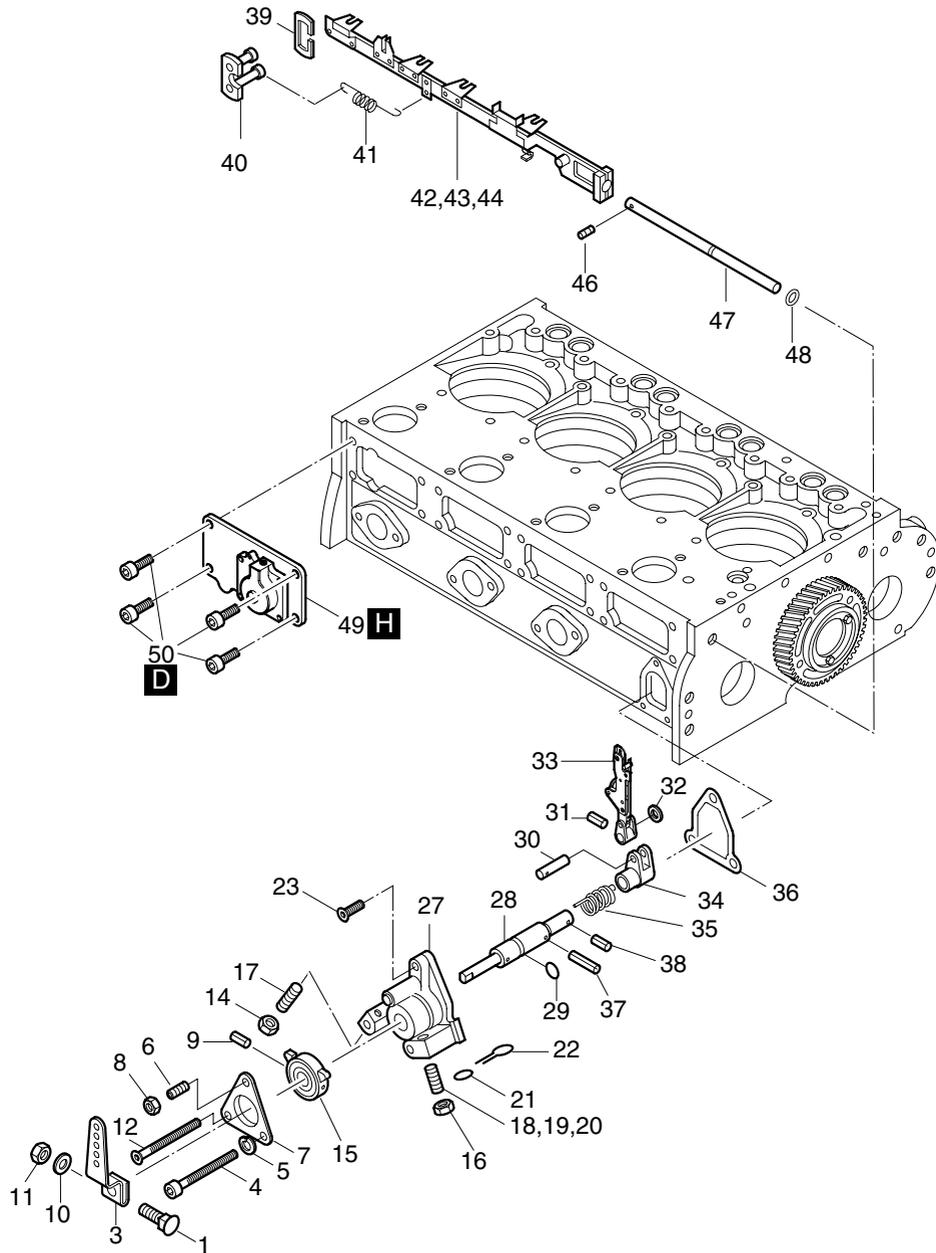


Fig.- No.	HATZ Ident-No.	Stück Qty.			W d / D	Bemerkungen Notes
		2L41 C	3L41 C	4L41 C		
46	0000 501 318 00	1	1	1		2,5 x 10 ISO 8752-ST
47	0000 034 606 00	1	1	1		
48	0000 400 223 00	1	1	1		D1 8 x 2
49	0000 020 106 11	1	1	1		
50	0000 501 289 00	4	4	4		M 8 x 16 DIN 912 - 8.8

M05, M06

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

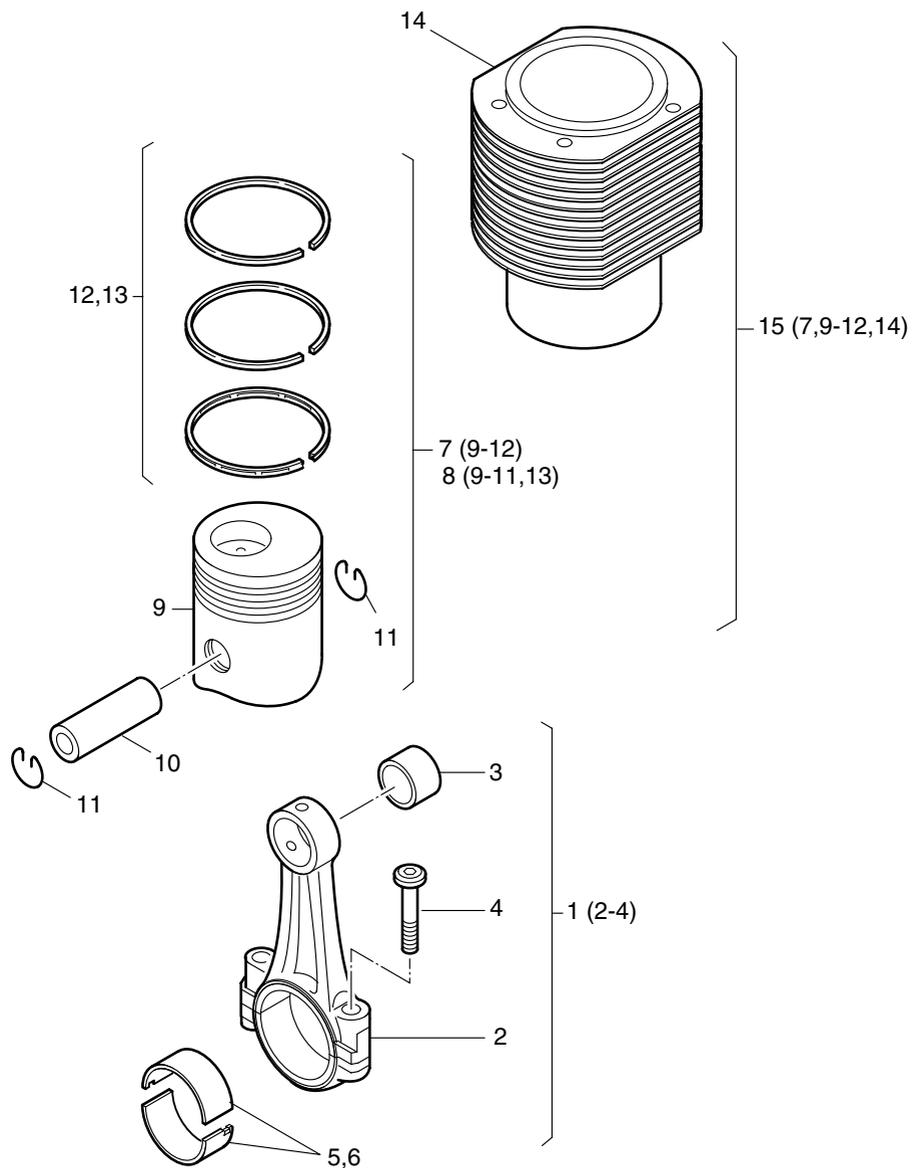


Fig.- No.	HATZ Ident-No.	Stück Qty.			W d / D	Bemerkungen Notes
		2L41 C	3L41 C	4L41 C		
1	0000 009 297 03	2	3	4		
2	-----	-	-	-		
3	0000 037 530 00	2	3	4		
4	0000 037 752 10	4	6	8		
5	0000 022 515 00	2	3	4		
6	0000 020 249 00	2	3	4		- 0,5 mm
7	0000 013 806 01	2	3	4		
8	0000 013 809 01	2	3	4		+ 0,5 mm
9	-----	-	-	-		
10	0000 502 361 00	2	3	4		36 x 20 x 74
11	0000 503 491 00	4	6	8		BS 36/3
12	0000 013 761 00	2	3	4		
13	0000 013 762 00	2	3	4		+ 0,5 mm
14	-----	-	-	-		
15	0000 018 070 00	2	3	4		

M07

Zylinderkopf
Cylinder head
Culasse
Culata
Testa

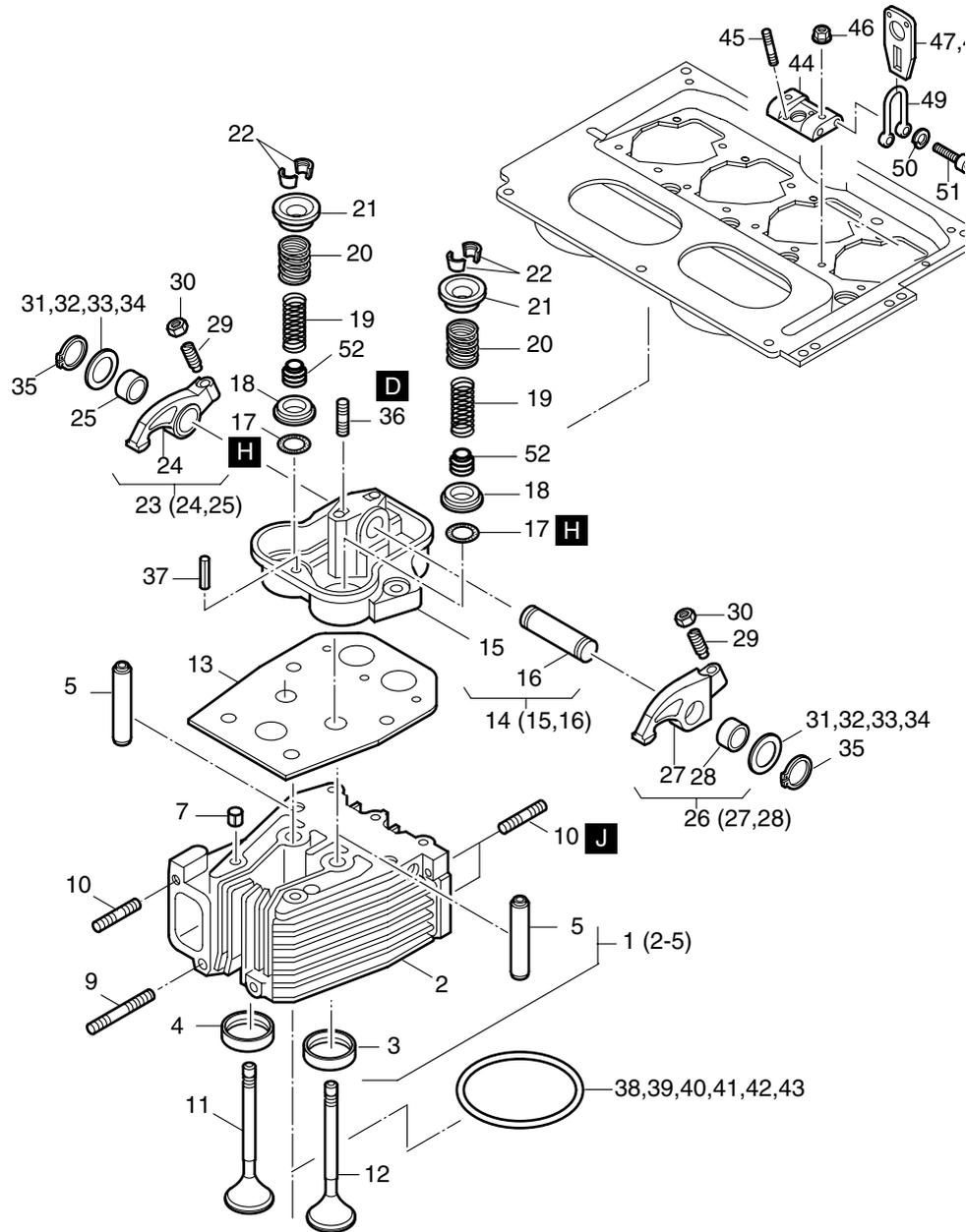


Fig.- No.	HATZ Ident-No.	Stück Qty.			W d / D	Bemerkungen Notes
		2L41 C	3L41 C	4L41 C		
1	0000 013 175 00	2	3	4		
2	-----	-	-	-		
3	-----	-	-	-		
4	-----	-	-	-		
5	0000 040 377 01	4	6	8		
7	0000 041 037 00	8	12	16		13 x 14
9	0000 501 325 00	2	3	4		M 8 x 65 DIN 835-8.8
10	0000 501 281 00	6	9	12		M 8 x 30 DIN 835 - 10.9 A3C
11	0000 041 084 00	2	3	4		
12	0000 041 085 00	2	3	4		
13	0000 036 248 01	2	3	4		
14	0000 009 562 00	2	3	4		
15	-----	-	-	-		
16	0000 034 698 00	2	3	4		
17	0000 502 881 00	4	6	8		d2 15 x 3,2
18	0000 033 930 10	4	6	8		
19	0000 031 835 00	4	6	8		
20	0000 033 256 00	4	6	8		
21	0000 030 434 02	4	6	8		
22	0000 022 523 00	4	6	8		
23	0000 005 325 00	2	3	4		
24	-----	-	-	-		
25	0000 031 841 00	2	3	4		
26	0000 009 328 00	2	3	4		
27	-----	-	-	-		
28	0000 031 841 00	2	3	4		
29	0000 037 720 00	4	6	8		
30	0000 031 490 00	4	6	8		W2
31	0000 035 806 00	0... 4	0... 6	0... 8		19 / 0,15 mm
32	0000 032 332 00	0... 4	0... 6	0... 8		19 / 0,20 mm
33	0000 032 333 00	0... 4	0... 6	0... 8		19 / 0,30 mm
34	0000 034 560 00	0... 4	0... 6	0... 8		19 / 0,40 mm
35	0000 500 202 00	4	6	8		A 19 x 1,2 DIN 471
36	0000 500 405 00	2	3	4		M10 x 25 DIN 939-5.6
37	0000 500 352 00	2	3	4		6 x 12 ISO 8752-ST
38	0000 042 693 00	0... 2	0... 3	0... 4		0,6 mm
38	0000 042 755 00	0... 2	0... 3	0... 4		0,65 mm
38	0000 036 259 01	0... 2	0... 3	0... 4		d1 0,7 mm
38	0000 042 756 00	0... 2	0... 3	0... 4		0,75 mm
39	0000 036 260 01	0... 2	0... 3	0... 4		d1 0,8 mm
39	0000 042 757 00	0... 2	0... 3	0... 4		0,85 mm
40	0000 036 261 01	0... 2	0... 3	0... 4		d1 0,9 mm
40	0000 042 758 00	0... 2	0... 3	0... 4		0,95 mm
41	0000 036 262 01	0... 2	0... 3	0... 4		1,0 mm
41	0000 042 759 00	0... 2	0... 3	0... 4		1,05 mm

M07

Zylinderkopf
Cylinder head
Culasse
Culata
Testa

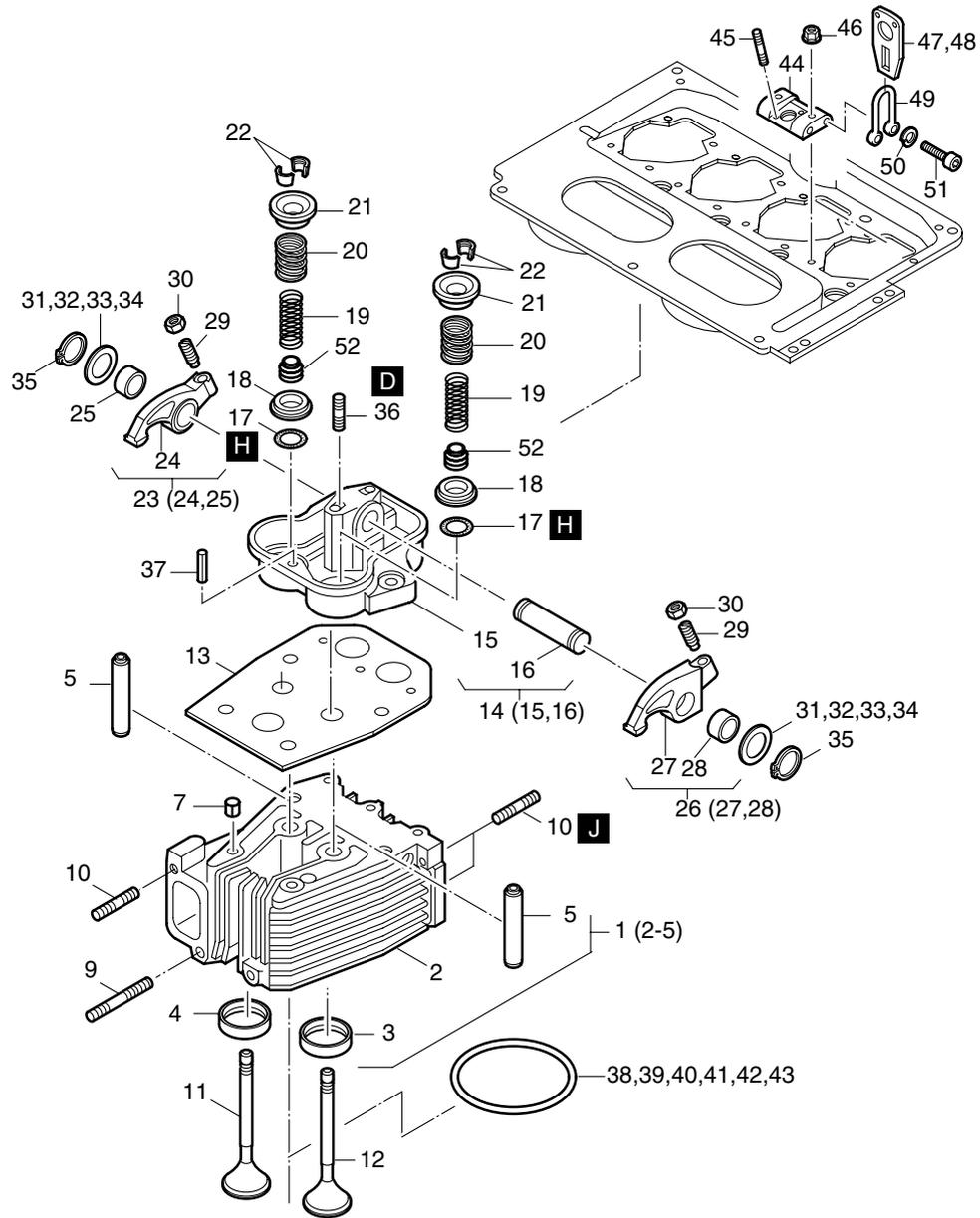


Fig.- No.	HATZ Ident-No.	Stück Qty.			W d / D	Bemerkungen Notes
		2L41 C	3L41 C	4L41 C		
42	0000 036 263 01	0... 2	0... 3	0... 4		1,1 mm
42	0000 042 760 00	0... 2	0... 3	0... 4		1,15 mm
43	0000 036 264 01	0... 2	0... 3	0... 4		1,2 mm
44	0000 041 086 00	2	3	4		
45	0000 502 390 02	4	6	8		M 8 x 55 DIN 939 - 8.8
46	0000 036 481 00	10	15	20		
47	-----	-	-	-		
48	0000 035 920 00	1	1	1		C / K
49	0000 036 250 00	1	1	1		
50	0000 500 028 00	2	2	2		8 DIN 128
51	0000 501 297 00	2	2	2		M 8 x 18 DIN 912 - 10.9
52	0000 502 848 00	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 bilanciari, pompa olio

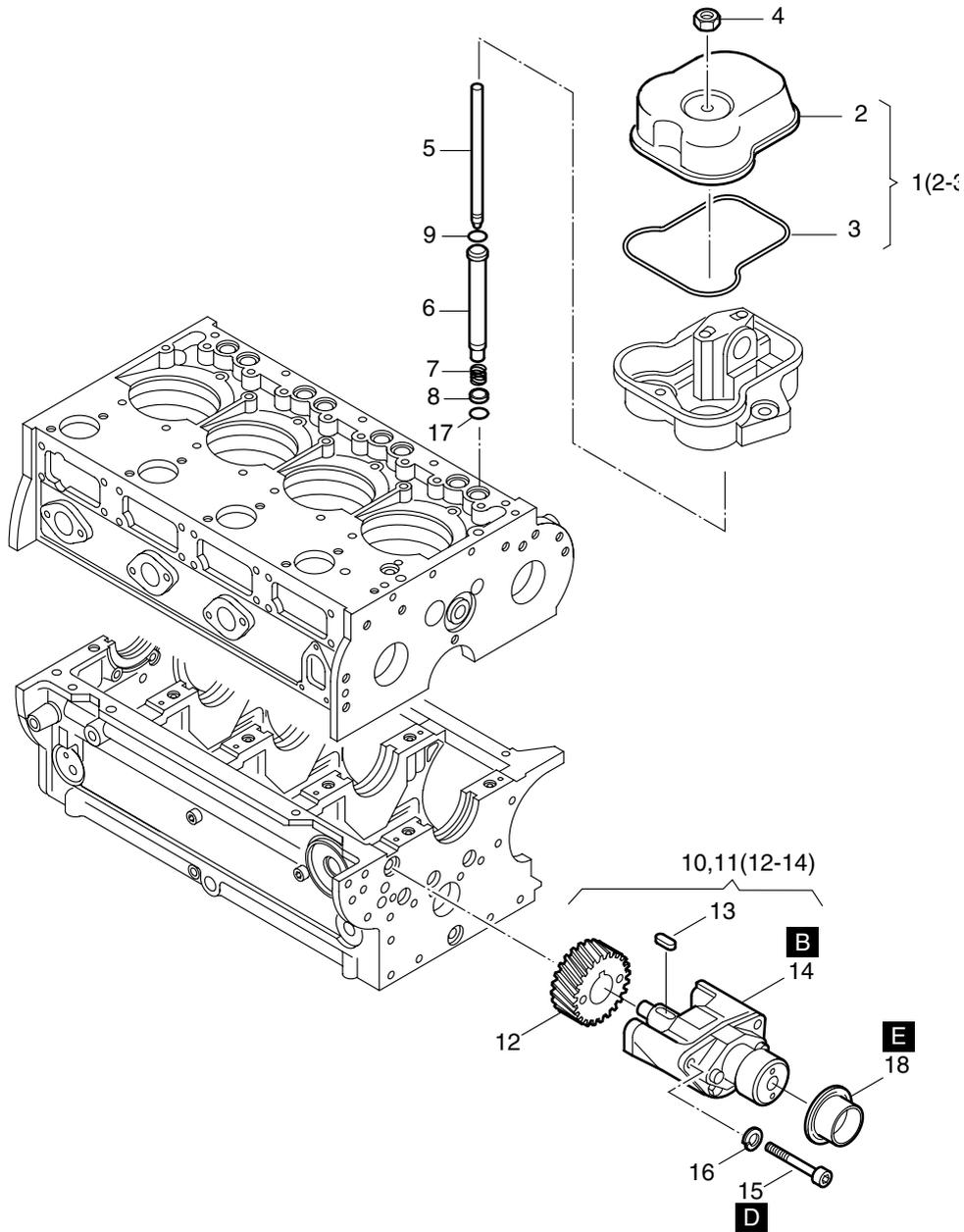


Fig.- No.	HATZ Ident-No.	Stück Qty.			W d / D	Bemerkungen Notes
		2L41 C	3L41 C	4L41 C		
1	0000 012 059 01	2	3	4		
2	-----	-	-	-		
3	0000 505 795 00	2	3	4	W4/6/8	123 x 2,5
4	0000 501 323 00	2	3	4	W2/3/4	M10
5	0000 007 436 00	4	6	8		
6	0000 035 667 01	4	6	8		
7	0000 031 851 00	4	6	8		
8	0000 031 852 00	4	6	8		
9	0000 502 880 00	4	6	8	d2	17 x 3
10	0000 009 242 04	1	1	-		
11	0000 009 239 04	-	-	1		
12	0000 035 620 20	1	1	1		
13	0000 503 168 00	1	1	1		A 4 x 4 x 20 DIN 6885
14	-----	-	-	-		
15	0000 502 068 00	3	3	3		M 8 x 105 DIN 912 - 8.8
16	0000 500 028 00	3	3	3		8 DIN 128
17	0000 502 881 00	4	6	8	d2	15 x 3,2
18	0000 502 894 00	0... 1	0... 1	0... 1		55 x 19

M11

Steuerdeckel
Timing cover
Couvercle distribution
Tapa de mando
Coperchio distribuzione

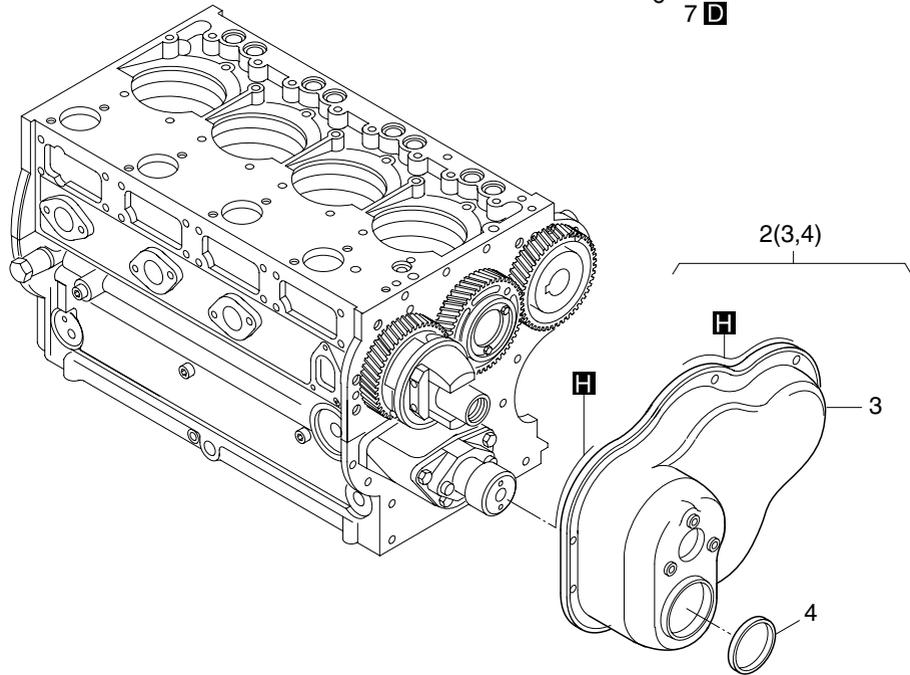


Fig.- No.	HATZ Ident-No.	Stück Qty.			W d / D	Bemerkungen Notes
		2L41 C	3L41 C	4L41 C		
2	0000 009 932 01	1	1	1		
3	-----	-	-	-		
4	0000 501 291 00	1	1	1		D1 55 x 70 x 8
6	0000 500 028 00	22	22	22		8 DIN 128
7	0000 502 058 00	4	4	4		M 8 x 12 DIN 912 - 8.8
8	-----	-	-	-		
9	0000 500 528 00	5	5	5		M 8 x 55 DIN 912 - 8.8
10	0000 500 516 00	13	13	13		M 8 x 16 DIN 912 - 8.8
11	0000 503 904 00	1	1	1		F11 ø 14,3
12	0000 016 872 00	1	1	1		

M12

Startfüllung
Extra fuel device
Surcharge
Sobre aliment.-arranque
Supplemento

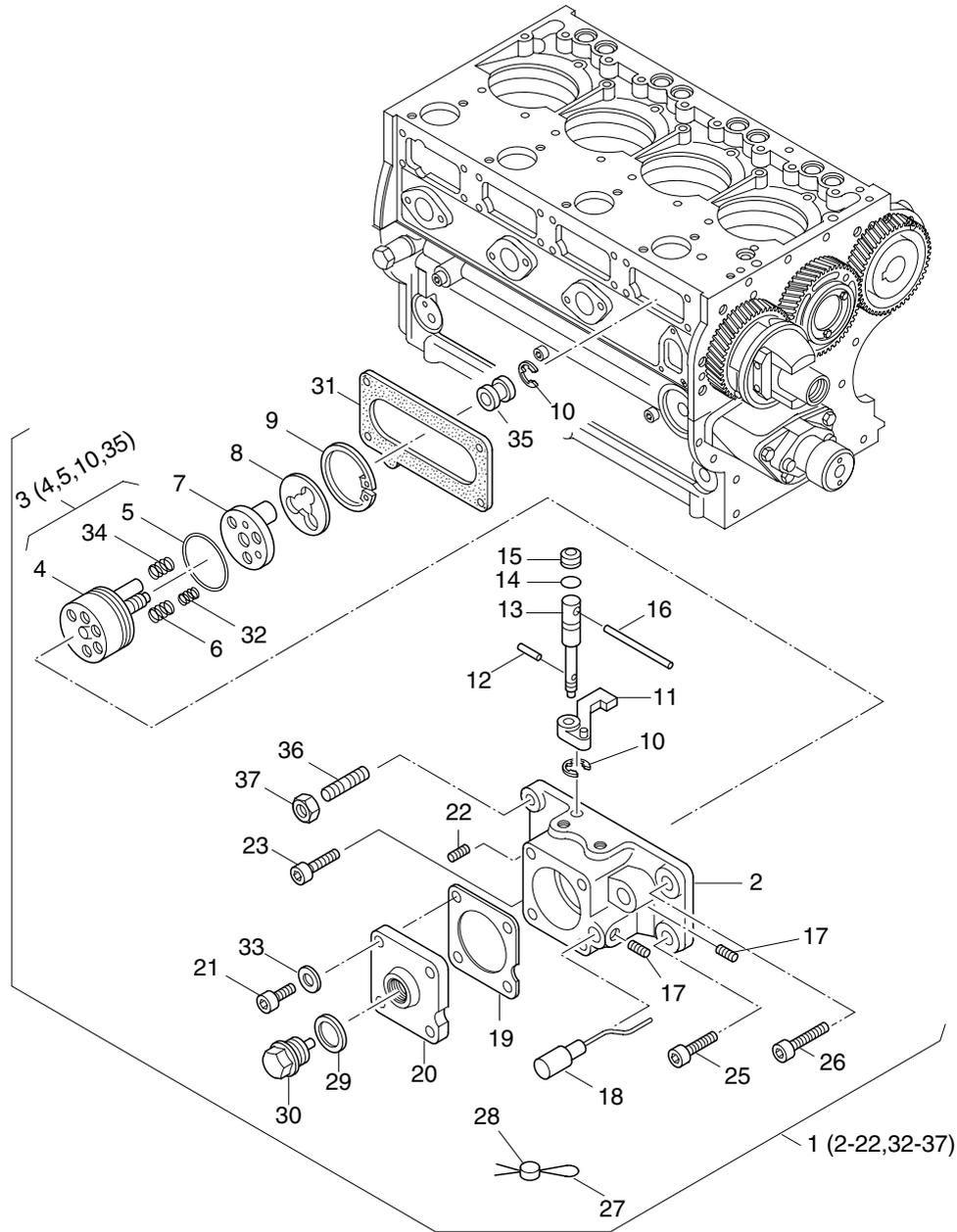


Fig.- No.	HATZ Ident-No.	Stück Qty.			W d / D	Bemerkungen Notes
		2L41 C	3L41 C	4L41 C		
1	0000 015 869 00	1	1	1		
2	-----	-	-	-		
3	0000 012 018 20	1	1	1		
4	-----	-	-	-		
5	0000 502 631 00	1	1	1	D1	37,8 x 1,5
6	0000 038 811 00	3	3	3		
7	0000 038 542 10	1	1	1		
8	0000 039 297 00	1	1	1		
9	0000 500 215 00	1	1	1		J 42 x 1,75 DIN 472
10	0000 501 172 00	2	2	2		RA 4ME DIN 6799
11	0000 036 702 10	1	1	1		
12	0000 501 318 00	1	1	1		2,5 x 10 ISO 8752-ST
13	0000 038 288 10	1	1	1		
14	0000 400 217 00	1	1	1	D1	4,47 x 1,78
15	0000 503 244 00	1	1	1	D1	V-8S
16	0000 500 343 00	1	1	1		3 x 36 ISO 8752-ST
17	0000 502 623 00	2	2	2		M 4 x 10 DIN 915-45H Tuf
18	0000 010 762 10	1	1	1		
19	0000 039 344 00	1	1	1	D1	
20	0000 011 621 00	1	1	1		
21	0000 504 168 00	4	4	4		M 6 x 16 DIN 912 - 8.8 A3C Tuf.
22	0000 502 624 00	3	3	3		M 6 x 10 DIN 916-Tuf. 360 G
23	0000 501 349 00	1	1	1		M 8 x 16 DIN 6912-8.8 A3C
25	0000 501 289 00	1	1	1		M 8 x 16 DIN 912 - 8.8
26	0000 039 603 00	1	1	1		M 8 x 20
27	0000 400 215 00	1	1	1		0,5 / 0,3 x 200
28	0000 400 214 00	1	1	1		8 mm ø
29	0000 500 012 00	1	1	1		A 14 x 18 DIN 7603-Cu
30	0000 010 978 00	1	1	1		
31	0000 036 140 02	1	1	1	D1	
32	0000 039 352 00	3	3	3		6 DIN 128 - A3C
33	0000 501 709 00	4	4	4		
34	0000 036 178 00	1	1	1		
35	0000 038 418 00	1	1	1		
36	0000 041 239 00	1	1	1		M 8 x 19 Tuf
37	0000 400 284 00	1	1	1		VM 8 DIN 980-8 C3A

M13

Gebläse
Blower
Soufflerie
Ventilador
Ventilatore

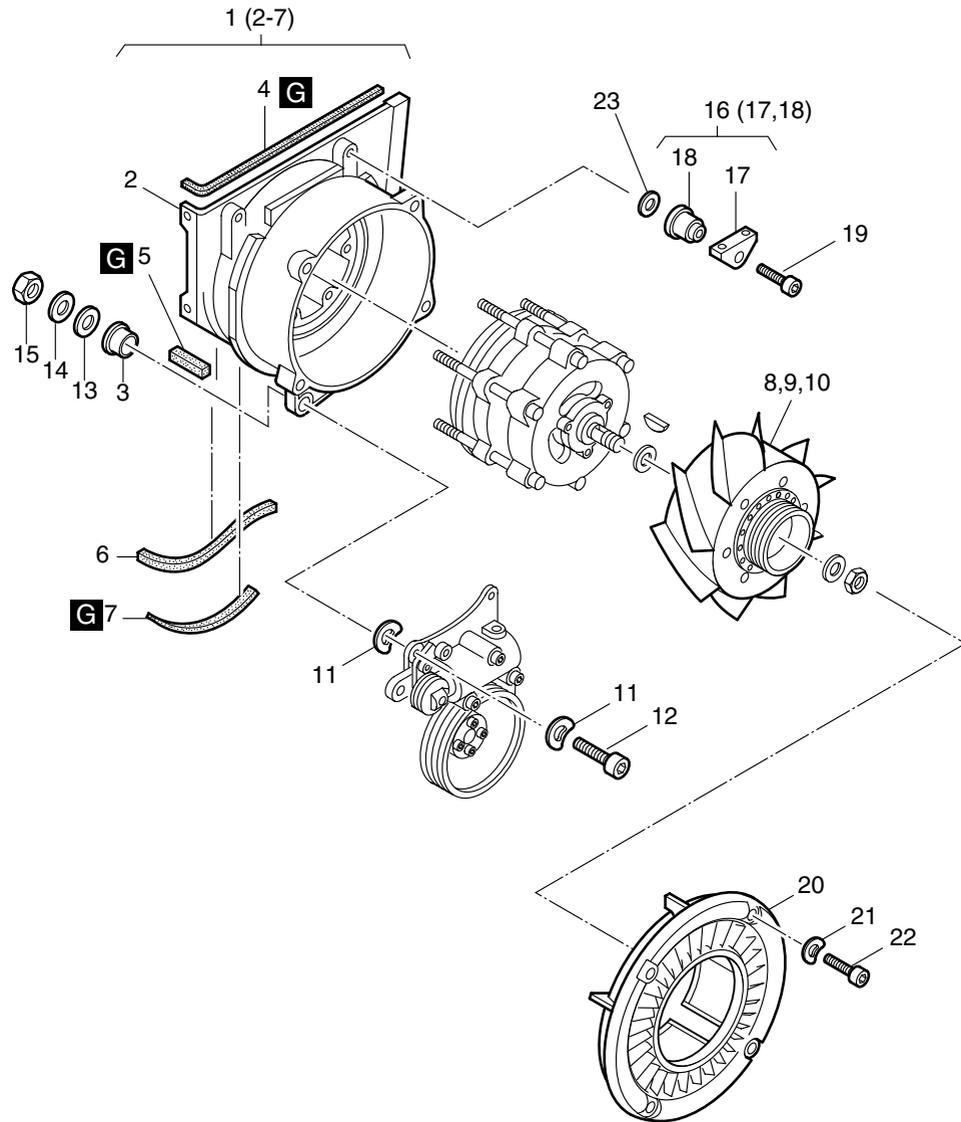


Fig.- No.	HATZ Ident-No.	Stück Qty.			W d / D	Bemerkungen Notes
		2L41 C	3L41 C	4L41 C		
1	0000 012 037 01	1	1	1		
2	-----	-	-	-		
3	0000 035 625 00	2	2	2		
4	0000 035 526 00	1	1	1		325 mm
5	0000 035 985 00	1	1	1		8 x 8 x 33 mm
6	0000 035 524 01	1	1	1		240 mm
7	0000 036 127 00	1	1	1		12 x 6 x 193 mm
8	0000 012 052 01	1	-	-		
9	0000 009 991 01	-	1	-		
10	0000 009 897 01	-	-	1		
11	0000 500 617 00	4	4	4		A 10 DIN 137
12	0000 500 551 00	2	2	2		M 10 x 55 DIN 912 - 8.8
13	0000 500 706 00	2	2	2		10,5 x 25 x 4 DIN 7349 A3C
14	0000 500 029 00	2	2	2		A 10 DIN 128
15	0000 500 235 00	2	2	2		M 10 DIN 934 - 8
16	0000 009 198 00	2	2	2		
17	-----	-	-	-		
18	0000 035 625 00	2	2	2		
19	0000 500 526 00	2	2	2		M 8 x 45 DIN 912 - 8.8
20	0000 037 628 00	1	1	1		
21	0000 500 812 00	4	4	4		A 6 DIN 137 - A3C
22	0000 502 532 00	4	4	4		M 6 x 50 DIN 7985 - 4.8 A3R
23	0000 035 956 00	0... 4	0... 4	0... 4		

M14

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

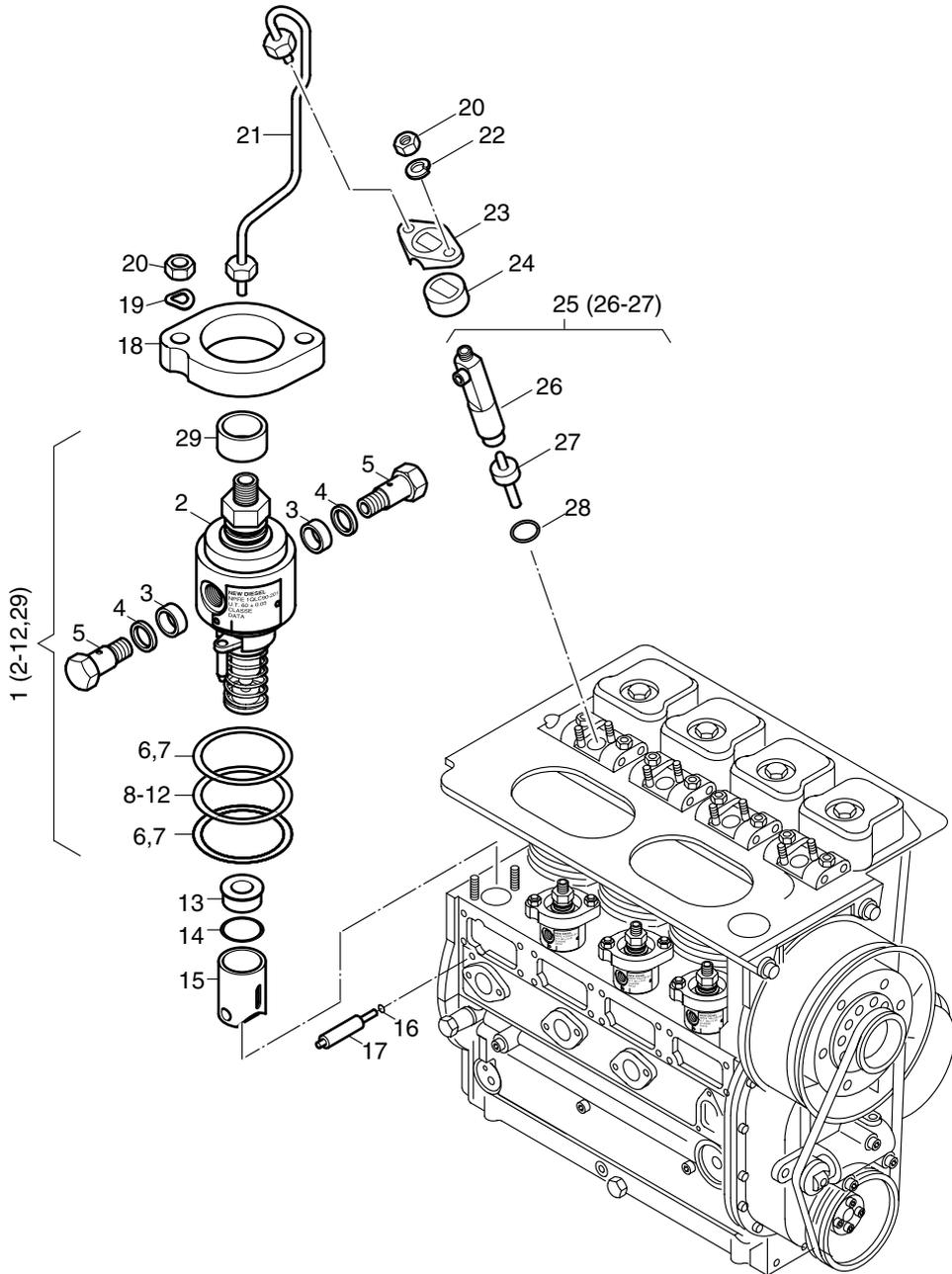


Fig.- No.	HATZ Ident-No.	Stck Qty.			W d / D	Bemerkungen Notes
		2L41 C	3L41 C	4L41 C		
1	0000 018 064 00	2	3	4		
2	-----	-	-	-		
3	0000 042 337 01	4	6	8		D8 12,1 x 15,5 x 5
4	0000 042 336 02	4	6	8		D8 12,1 x 15,5 x 1,5
5	0000 505 553 01	4	6	8		
6	0000 042 094 00	0... 2	0... 3	0... 4		D4 0,20mm
7	0000 042 095 00	0... 2	0... 3	0... 4		D4 0,30mm
8	0000 505 273 00	0... 2	0... 3	0... 4		42 x 52 x 0,10
9	0000 505 274 00	0... 2	0... 3	0... 4		42 x 52 x 0,30
10	0000 505 275 00	0... 2	0... 3	0... 4		42 x 52 x 0,50
11	0000 042 338 00	0... 2	0... 3	0... 4		42 x 52 x 0,80
12	0000 505 278 00	0... 2	0... 3	0... 4		42 x 52 x 1,00
13	0000 042 064 10	2	3	4		
14	0000 505 493 00	2	3	4		18 x 1,2
15	0000 504 929 00	2	3	4		
16	0000 505 244 00	2	3	4		D4 3 x 2
17	0000 042 063 00	2	3	4		
18	0000 042 106 00	2	3	4		
19	0000 501 481 00	4	6	8		8,4 DIN 125-St A3C
20	0000 500 229 00	8	12	16		M 8 DIN 934 - 8
21	0000 013 795 00	2	3	4		
22	0000 500 028 00	4	6	8		8 DIN 128
23	0000 034 605 00	2	3	4		
24	0000 034 665 00	2	3	4		
25	0000 505 483 00	2	3	4		
26	-----	-	-	-		
27	0000 505 484 00	2	3	4		
28	0000 042 287 00	2	3	4		d1
29	0000 042 288 00	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, tendiciniglia idraulico

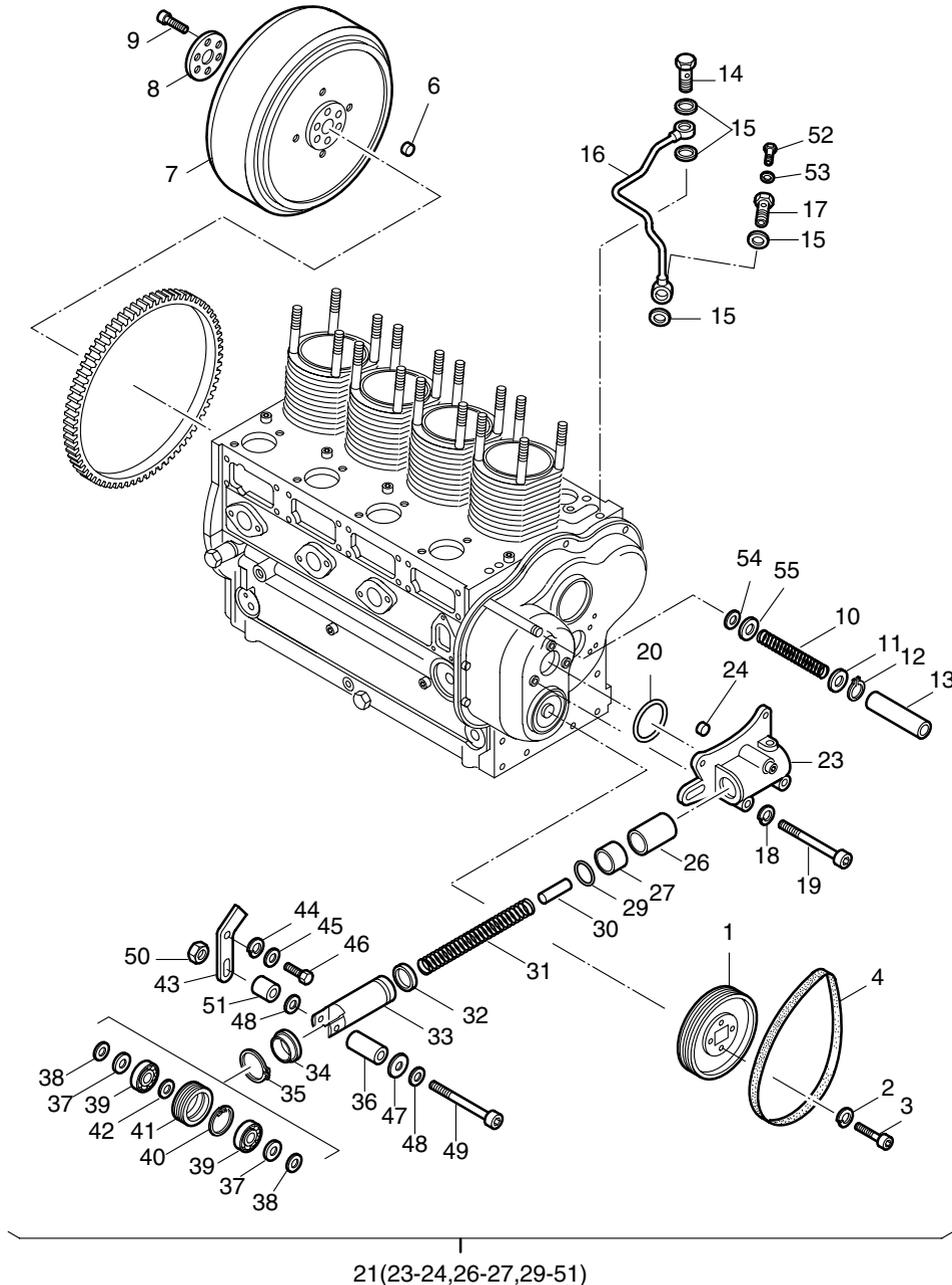


Fig.- No.	HATZ Ident-No.	Stück Qty.			W d / D	Bemerkungen Notes
		2L41 C	3L41 C	4L41 C		
1	0000 035 898 01	1	1	1		
2	0000 500 028 00	4	4	4		8 DIN 128
3	0000 500 519 00	4	4	4		M 8 x 20 DIN 912-8.8
4	0000 502 031 01	1	-	-		9 J 920
4	0000 501 415 01	-	1	1		9 J 910
6	0000 036 306 00	1	1	1		
7	0000 037 337 02	1	1	1		SAE J 620
8	0000 036 458 00	1	1	1		
9	0000 502 251 00	6	6	6		M 14 x 1,5 x 45 DIN 912 - 10.9
10	0000 034 680 00	1	1	1		
11	0000 031 332 00	1	1	1		
12	0000 500 194 00	1	1	1		A 8 x 0,8 DIN 471
13	0000 035 682 00	1	1	1		
14	0000 500 061 00	1	1	1		4-5-3 DIN 7643
15	0000 500 009 00	4	4	4		D4 A 8 x 11,5 DIN 7603-Cu
16	0000 009 100 00	1	1	1		
17	0000 037 248 00	1	1	1		
18	0000 500 035 00	3	3	3		B8 DIN 137
19	0000 500 818 00	3	3	3		M8 x 65 DIN 912 - 8.8
20	0000 501 324 01	1	1	1		D1 53,57 x 3,53
21	0000 009 955 03	1	1	1		
23	-----	-	-	-		
24	0000 400 847 00	1	1	1		
26	0000 502 209 00	1	1	1		
27	0000 502 208 00	1	1	1		
29	0000 502 197 00	1	1	1		D1 31,35 x 3,53
30	0000 036 393 00	1	1	1		
31	0000 035 891 00	1	1	1		
32	0000 502 211 00	1	1	1		D1
33	0000 035 896 22	1	1	1		
34	0000 036 430 01	1	1	1		D1
35	0000 502 904 00	1	1	1		JW 45 x 1,75 DIN 472
36	0000 037 646 00	1	1	1		
37	0000 502 500 00	2	2	2		
38	0000 037 648 00	2	2	2		12,1 x 16 x 2,6
39	0000 502 499 00	2	2	2		
40	0000 500 207 00	1	1	1		J 28 x 1,2 DIN 472
41	0000 035 894 21	1	1	1		
42	0000 501 321 00	1	1	1		12 x 18 x 1,2
43	0000 035 895 10	1	1	1		
44	0000 035 893 00	1	1	1		
45	0000 500 027 00	1	1	1		6 DIN 128
46	0000 500 258 00	1	1	1		M 6 x 20 DIN 933 - 8.8
47	0000 037 649 00	1	1	1		8,4 x 40 x 1
48	0000 501 481 00	2	2	2		8,4 DIN 125-St A3C

M16, M17, M20

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

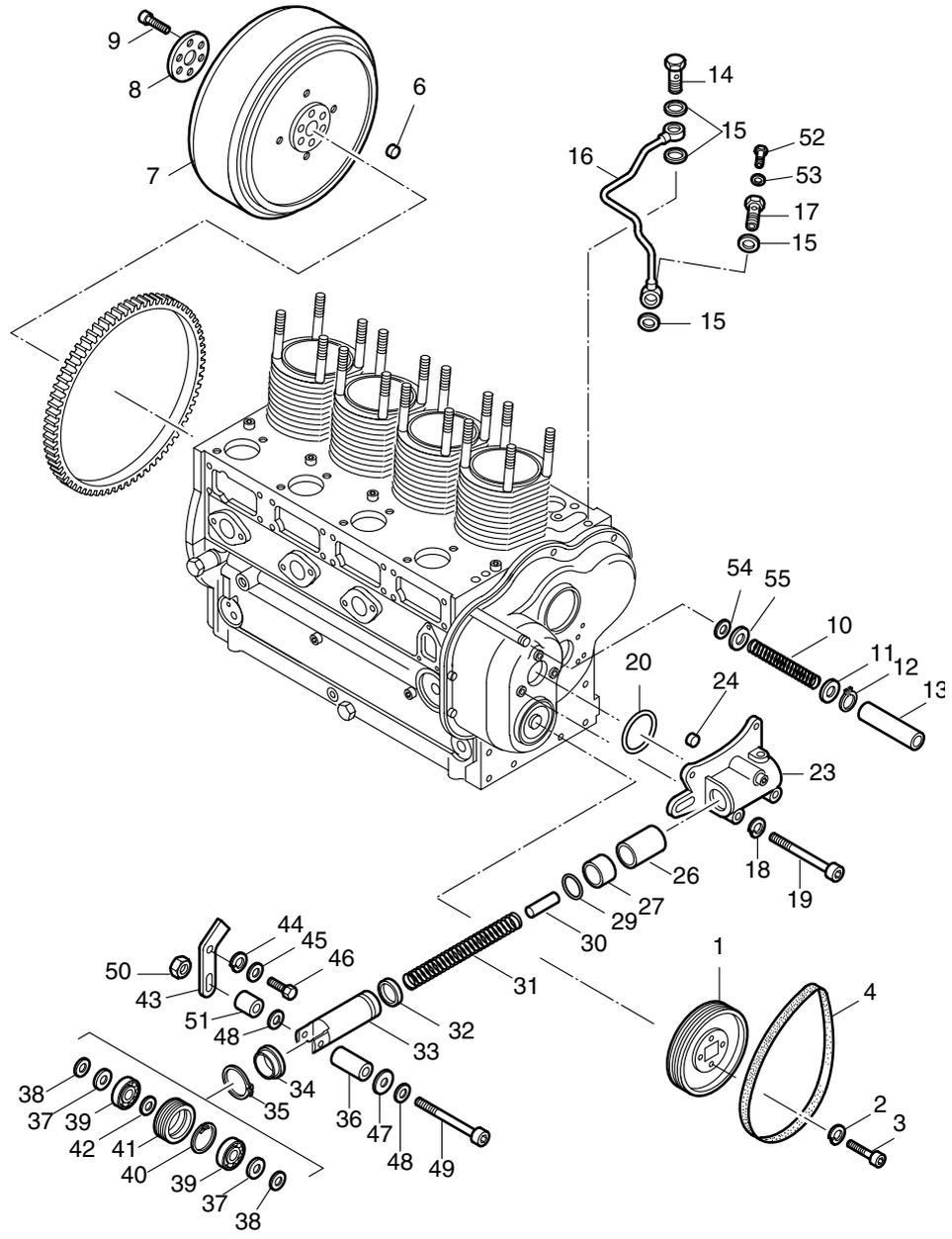


Fig.- No.	HATZ Ident-No.	Stück Qty.	W d / D	Bemerkungen Notes	
		2L41 C	3L41 C	4L41 C	
49	0000 500 818 00	1	1	1	M8 x 65 DIN 912 - 8.8
50	0000 400 284 00	1	1	1	VM 8 DIN 980-8 C3A
51	0000 037 647 00	1	1	1	
52	0000 500 253 00	1	1	1	M 6 x 8 DIN 933 - 8.8
53	0000 500 008 00	1	1	1	D1 A 6,5 x 9,5 DIN 7603-Cu
54	0000 503 467 00	1	1	1	D1 7,5 x 2,5
55	0000 041 027 00	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

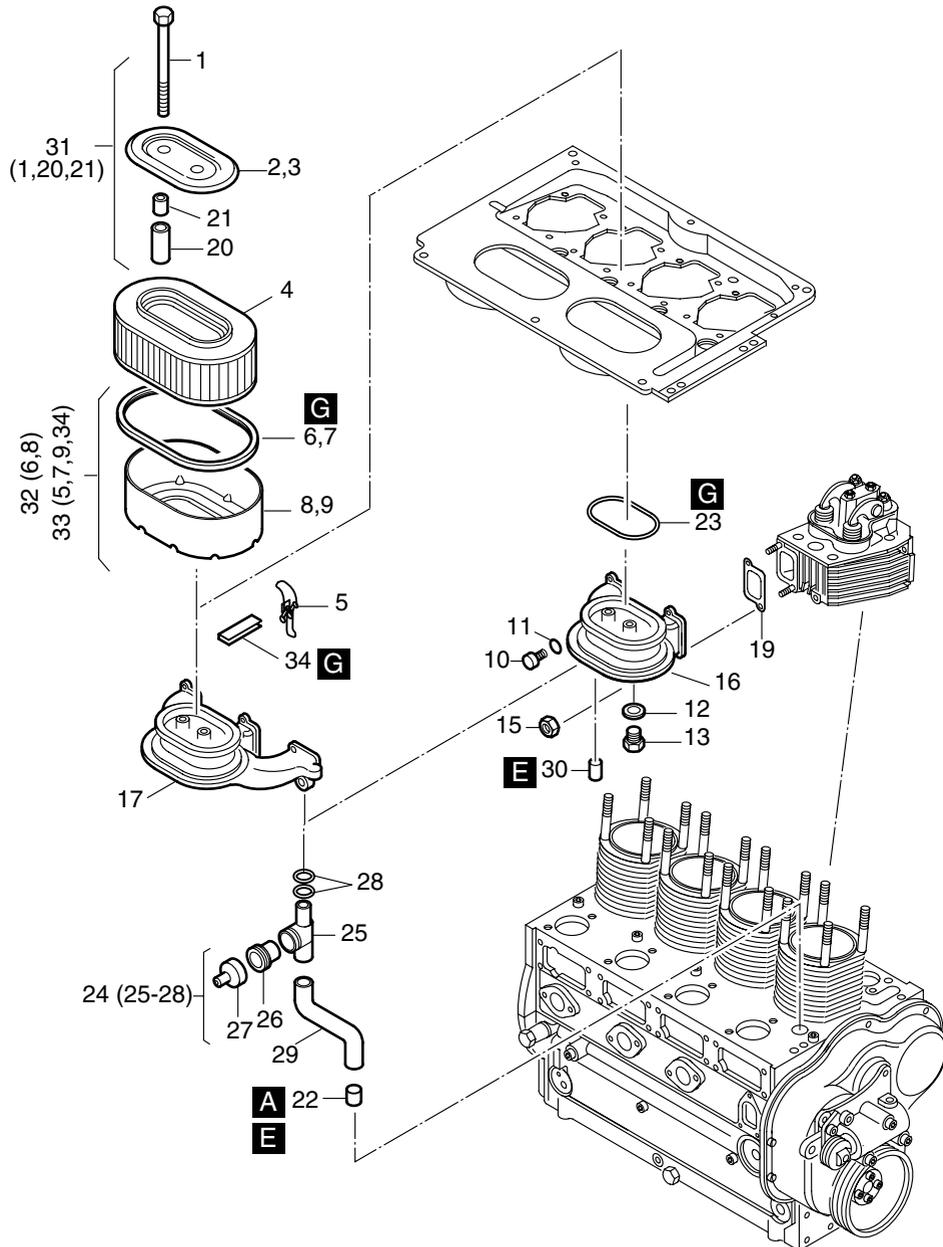


Fig.- No.	HATZ Ident-No.	Stück Qty.			W d / D	Bemerkungen Notes
		2L41 C	3L41 C	4L41 C		
1	-----	-	-	-		
2	0000 009 530 01	1	-	2		
3	0000 009 995 00	-	1	-		
4	0000 009 529 00	1	1	2	W2/4	
5	0000 502 574 00	-	1	-		
6	0000 036 476 00	1	-	2	W1/2	
7	0000 037 698 00	-	1	-	W1	
8	-----	-	-	-		
9	-----	-	-	-		
10	0000 500 623 00	1	1	2		M 10 x 1 DIN 908-5.8 A3C
11	0000 500 624 00	1	1	2	D3	A 10 x 13,5 DIN 7603-Cu
12	0000 500 016 00	1	1	2		A 22 x 27 DIN 7603 Cu
13	0000 501 404 00	1	1	2		AM22x1,5DIN7604-5.8A3C
15	0000 400 284 00	4	6	8		VM 8 DIN 980-8 C3A
16	0000 036 243 04	1	-	2		
17	0000 036 321 03	-	1	-		
19	0000 036 244 02	2	3	4	d1	
20	-----	-	-	-		
21	0000 040 857 00	2	2	4	d1	7 x 12 x 12
22	0000 036 490 00	1	1	1		
23	0000 036 486 00	1	1	2		
24	0000 009 478 01	1	1	1		
25	-----	-	-	-		
26	0000 035 687 00	1	1	1		
27	0000 035 686 00	1	1	1		
28	0000 503 267 00	2	2	2	D2	9,7 x 1
29	0000 036 489 00	1	1	1		
30	0000 037 567 00	-	-	1		11,8
31	0000 014 940 00	2	2	4		
32	0000 009 533 00	1	-	2		
33	0000 009 996 00	-	1	-		
34	0000 041 190 00	-	1	-		90 mm

M26a

Luftführung
Air ducting
Carter ventilation
Conducción de aire
Carter ventilatore

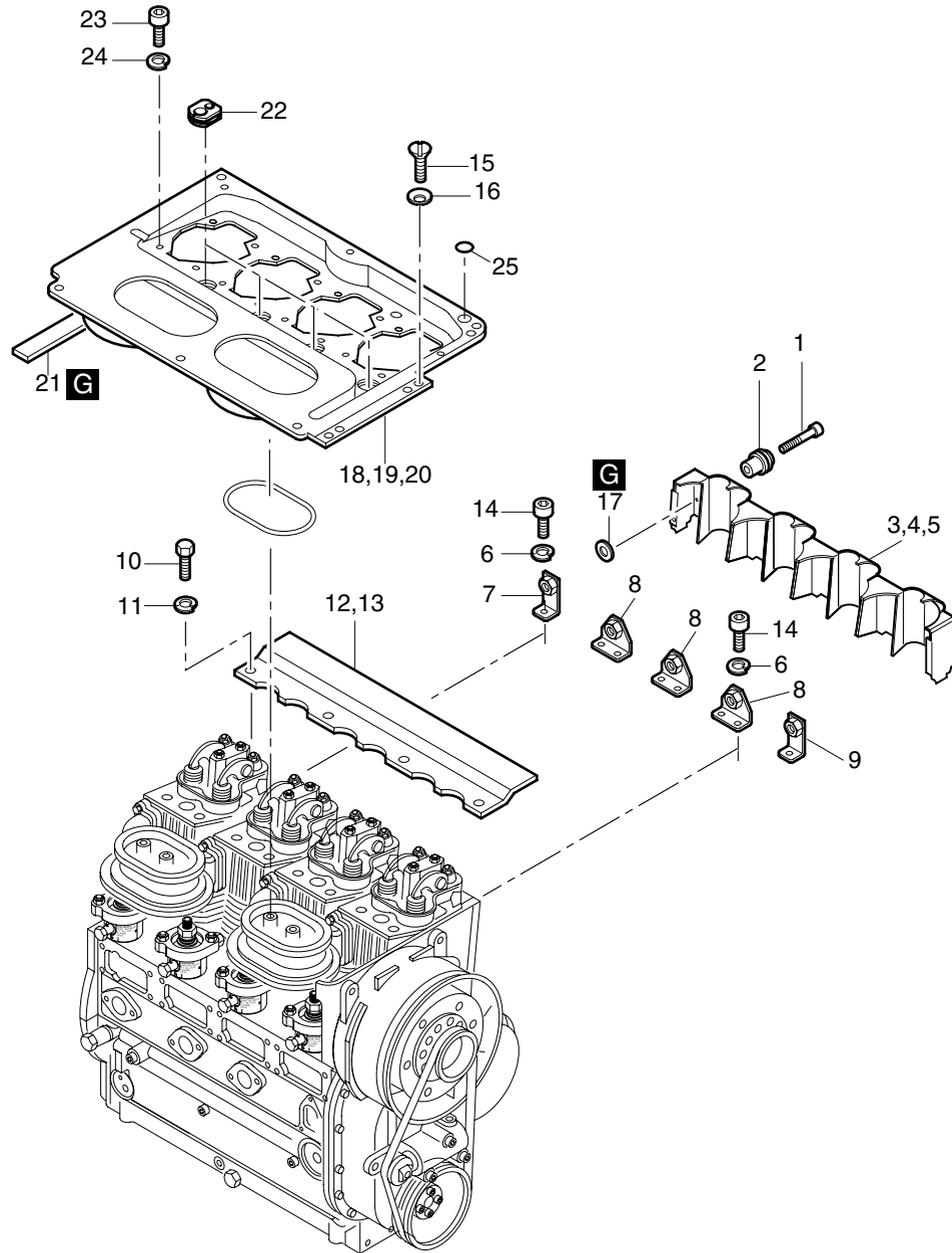


Fig.- No.	HATZ Ident-No.	Stück Qty.			W d / D	Bemerkungen Notes
		2L41 C	3L41 C	4L41 C		
1	0000 500 510 00	3	4	5		M 6 x 30 DIN 912-8.8
2	0000 009 327 00	3	4	5		
3	0000 009 380 00	1	-	-		
4	0000 009 381 00	-	1	-		
5	0000 009 382 00	-	-	1		
6	0000 500 028 00	4	6	8		8 DIN 128
7	0000 009 234 00	1	1	1		
8	0000 009 233 00	1	2	3		
9	0000 009 235 00	1	1	1		
10	0000 500 266 00	2	3	-		M 8 x 12 DIN 933 - 8.8
11	0000 500 028 00	2	3	-		8 DIN 128
12	0000 035 907 00	1	-	-		
13	0000 035 915 01	-	1	-		
14	0000 500 516 00	4	6	8		M 8 x 16 DIN 912 - 8.8
15	0000 502 052 00	4	4	4		M 8 x 16 DIN 965 - 8.8
16	0000 502 051 00	4	4	4		V 8,4 DIN 6797
17	0000 035 755 00	3	4	5		
18	0000 009 343 02	1	-	-		
19	0000 009 397 02	-	1	-		
20	0000 009 398 02	-	-	1		
21	0000 036 485 01	1	1	1		
22	0000 035 927 00	2	3	4		
23	0000 500 507 00	4	6	8		M 6 x 16 DIN 912-8.8
24	0000 500 812 00	4	6	8		A 6 DIN 137 - A3C
25	0000 012 139 00	1	1	1		

M26b

Luftführung
Air ducting
Carter ventilation
Conducción de aire
Carter ventilatore

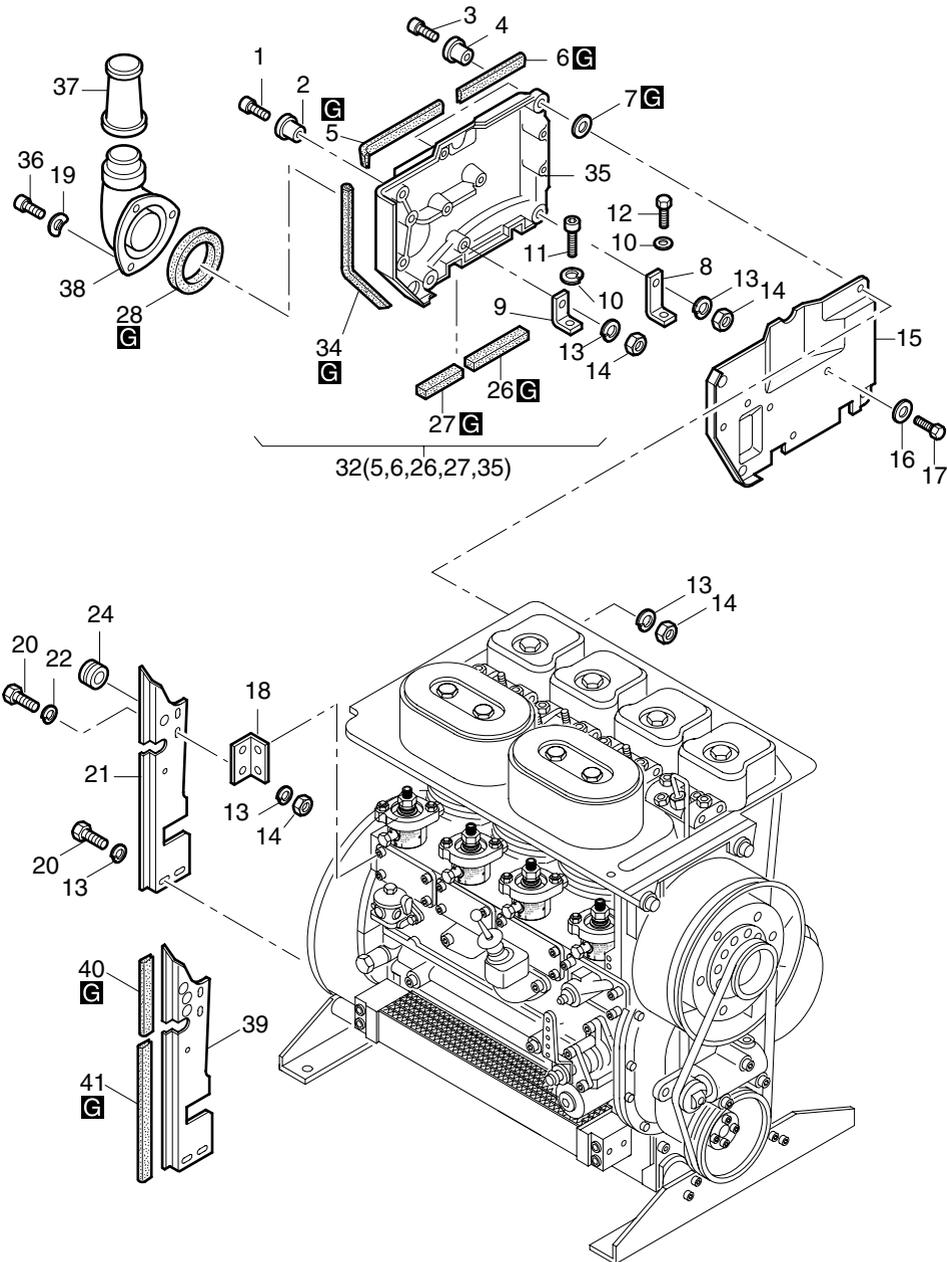


Fig.- No.	HATZ Ident-No.	Stück Qty.			W d / D	Bemerkungen Notes
		2L41 C	3L41 C	4L41 C		
1	0000 503 749 00	2	2	2		M 6 x 35 DIN 912-8.8 A3C
2	0000 009 327 00	2	2	2		
3	0000 500 510 00	2	2	2		M 6 x 30 DIN 912-8.8
4	0000 009 215 00	2	2	2		
5	0000 040 710 00	1	1	1		8 x 8 x 209 mm
6	0000 035 651 00	1	1	1		8 x 8 x 110 mm
7	0000 035 755 00	4	4	4		
8	0000 036 468 00	1	1	1		
9	0000 036 469 00	1	1	1		
10	0000 500 028 00	2	2	2		8 DIN 128
11	0000 500 516 00	1	1	1		M 8 x 16 DIN 912 - 8.8
12	0000 500 267 00	1	1	1		M 8 x 16 DIN 933 - 8.8
13	0000 500 812 00	5	5	5		A 6 DIN 137 - A3C
14	0000 501 444 00	6	6	6		M 6 DIN 934 - 8 A3C
15	0000 036 462 01	1	1	1		
16	0000 500 812 00	7	7	7		A 6 DIN 137 - A3C
17	0000 500 255 00	7	7	7		M 6 x 12 DIN 933 - 8.8
18	0000 035 901 00	1	1	1		
19	0000 501 709 00	3	3	3		6 DIN 128 - A3C
20	0000 500 255 00	4	4	4		M 6 x 12 DIN 933 - 8.8
21	0000 036 472 02	0...1	0...1	0...1		
22	0000 501 445 00	2	2	2		6,4 DIN 125-St A3C
24	0000 505 925 00	1	1	1		
26	0000 035 651 00	1	1	1		8 x 8 x 110 mm
27	0000 040 711 00	1	1	1		8 x 8 x 88 mm
28	0000 036 473 00	1	1	1		
32	0000 009 532 00	1	1	1		
34	0000 036 463 00	1	1	1		
35	-----	-	-	-		
36	0000 501 707 00	3	3	3		M 6 x 16 DIN 912-8.8 A3C
37	0000 037 803 00	1	1	1		
38	0000 012 191 00	1	1	1		
39	0000 039 374 01	0...1	0...1	0...1		
40	0000 042 744 00	1	1	1		91 mm
41	0000 042 743 00	1	1	1		239 mm

M35a

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

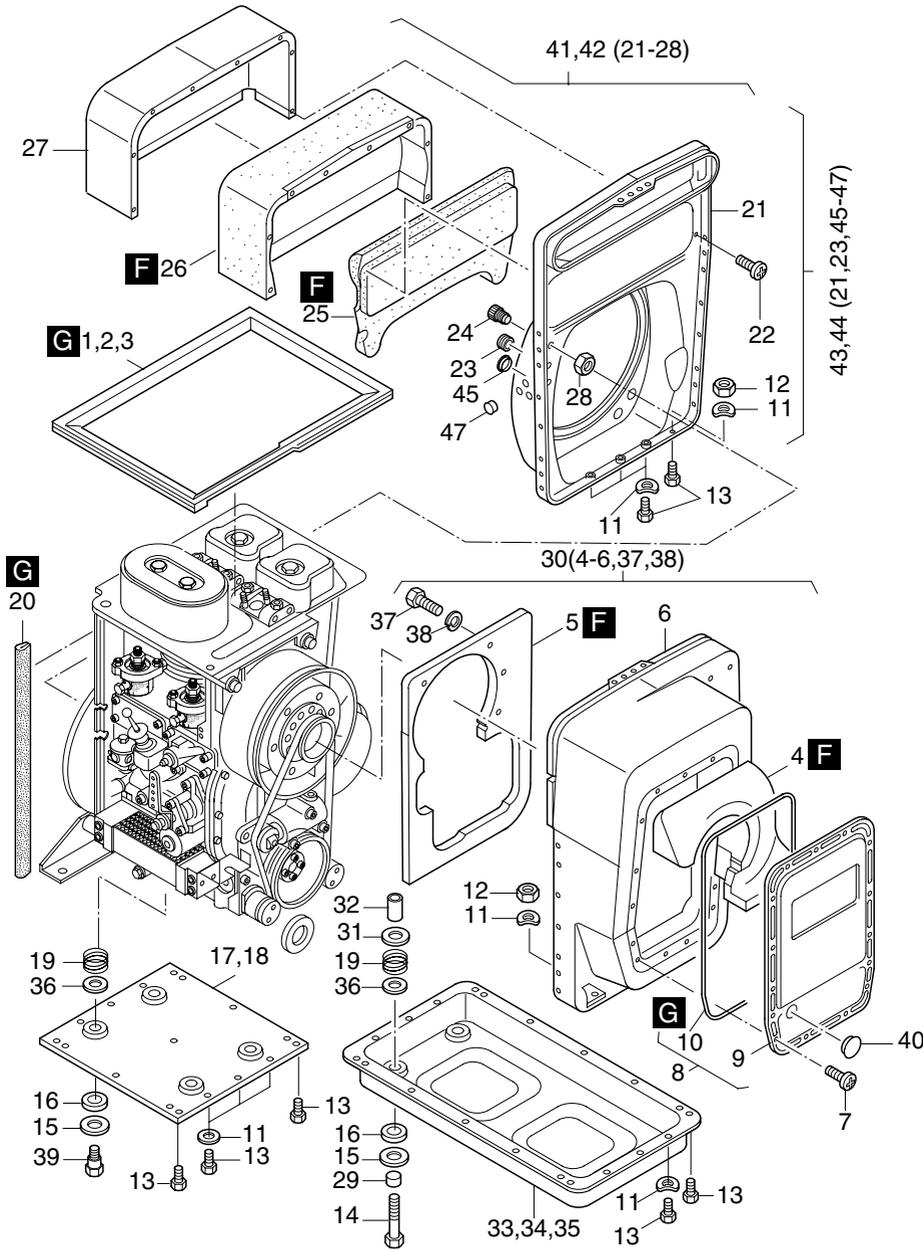


Fig.- No.	HATZ Ident-No.	Stück Qty.			W d / D	Bemerkungen Notes
		2L41 C	3L41 C	4L41 C		
1	0000 036 160 01	1	-	-		
2	0000 036 161 01	-	1	-		
3	0000 036 162 01	-	-	1		
4	0000 009 958 00	1	1	1		
5	0000 035 850 02	1	1	1		
6	-----	-	-	-		
7	0000 502 892 00	17	17	17		M 6 x 12 KZ 1-8.8 A3D
8	0000 009 985 10	1	1	1		
9	-----	-	-	-		
10	0000 037 654 00	1	1	1		
11	0000 500 812 00	10	10	10		A 6 DIN 137 - A3C
12	0000 501 444 00	4	4	4		M 6 DIN 934 - 8 A3C
13	0000 500 254 00	10	10	10		M 6 x 10 DIN 933 - 8.8 A3C
14	0000 501 430 00	4	4	4		M 12 x 95 DIN 931 - 8.8
15	0000 036 373 00	4	4	4		17,2 x 28 x 1
16	0000 036 372 00	4	4	4		
17	0000 037 528 00	1	-	-		
18	0000 037 529 00	-	1	-		
19	0000 035 949 00	4	4	4		
20	0000 036 433 00	1	1	1		
21	-----	-	-	-		
22	0000 502 892 00	8	8	8		M 6 x 12 KZ 1-8.8 A3D
23	0000 505 925 00	3	3	3		
24	0000 501 590 11	1	1	1		NH 13,5
25	0000 036 474 01	1	1	1		
26	0000 035 879 01	1	1	1		
27	0000 009 111 01	1	1	1		
28	0000 501 591 00	1	1	1		CE 13 M
29	0000 036 028 00	4	4	4		12,1 x 17 x 14,5
30	0000 009 503 10	1	-	1		
30	0000 012 332 00	-	1	-		
31	0000 036 026 00	4	4	4		
32	0000 036 029 00	4	4	4		
33	0000 009 218 00	1	-	-		s.Grp A07 Pos 15
34	0000 009 219 00	-	1	-		s.Grp A07 Pos 16
35	0000 009 220 01	-	-	1		s.Grp A07 Pos 17
36	0000 035 952 00	4	4	4		
37	0000 500 266 00	2	2	2		M 8 x 12 DIN 933 - 8.8
38	0000 500 028 00	2	2	2		8 DIN 128
39	0000 035 950 00	4	4	-		
40	0000 042 829 00	1	1	1		ø 49,6mm
41	0000 014 661 00	1	-	1		
42	0000 014 662 00	-	1	-		
43	0000 016 527 00	1	-	1		
44	0000 016 528 00	-	1	-		
45	0000 504 888 00	2	2	2		(ø 17,6)
47	0000 504 901 00	3	3	3		V211 (ø 23,6)

M35b

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 silenziata 2-3 L..C

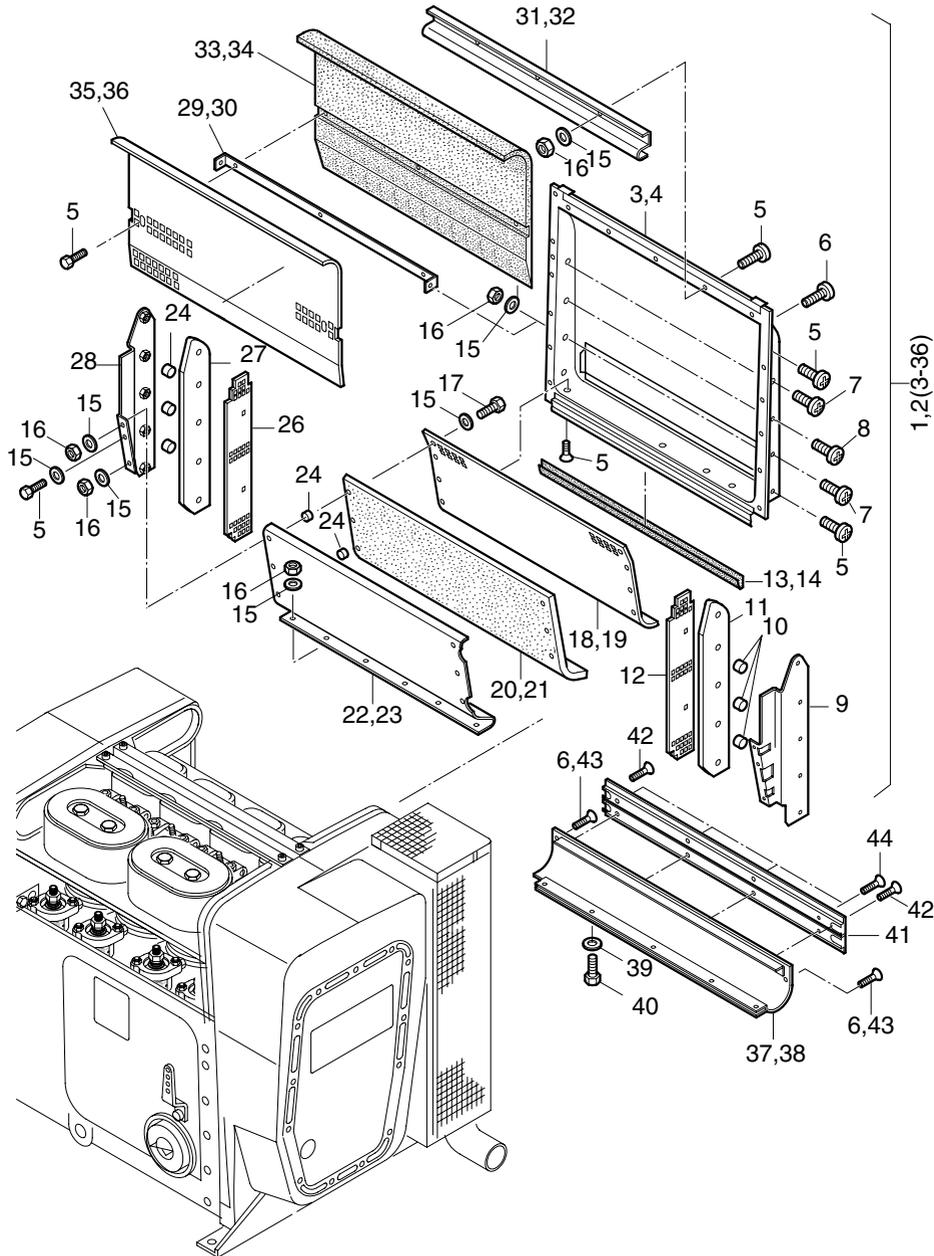


Fig.- No.	HATZ Ident-No.	Stück Qty.		W d / D	Bemerkungen Notes
		2L41 C	3L41 C		
1	0000 009 256 01	1	-		
2	0000 009 257 10	-	1		
3	0000 007 480 01	1	-		
4	0000 009 070 10	-	1		
5	0000 502 892 00	12	15		M 6 x 12 KZ 1-8.8 A3D
6	0000 502 892 00	14	14		M 6 x 12 KZ 1-8.8 A3D
7	0000 504 044 00	4	4		M 6 x 35 KZ 1-8.8 A3D
8	0000 504 044 00	2	2		M 6 x 35 KZ 1-8.8 A3D
9	0000 009 084 01	1	1		
10	0000 035 905 00	3	3		7 x 14 x 13,7
11	0000 035 871 01	1	1		
12	0000 035 908 01	1	1		
13	0000 035 933 00	1	-		
14	-----	-	-		
15	0000 501 445 00	20	22		6,4 DIN 125-St A3C
16	0000 501 444 00	16	18		M 6 DIN 934 - 8 A3C
17	0000 500 261 00	4	4		M 6 x 30 DIN 933 - 8.8
18	0000 035 910 00	1	-		
19	0000 035 912 00	-	1		
20	0000 035 876 00	1	-		
21	0000 035 877 00	-	1		
22	0000 009 080 00	1	-		
23	0000 009 081 00	-	1		
24	0000 035 905 00	7	7		7 x 14 x 13,7
26	0000 035 908 01	1	1		
27	0000 037 504 01	1	1		
28	0000 009 083 01	1	1		
29	0000 035 906 00	1	-		
30	0000 035 913 00	-	1		
31	0000 035 847 01	1	-		
32	0000 035 848 01	-	1		
33	0000 035 873 00	1	-		
34	0000 035 874 00	-	1		
35	0000 035 909 00	1	-		
36	0000 035 911 00	-	1		
37	0000 009 499 00	1	-		
38	0000 009 500 10	-	1		
39	0000 501 445 00	3	4		6,4 DIN 125-St A3C
40	0000 500 254 00	3	4		M 6 x 10 DIN 933 - 8.8 A3C
41	0000 012 324 00	-	1		
42	0000 501 390 00	-	4		M 6 x 10 DIN 912-8.8 C4P
43	0000 503 356 00	-	4		M 6 x 16 KZ 1-8.8 A3D
44	0000 502 892 00	-	8		M 6 x 12 KZ 1-8.8 A3D

M35c

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 silenziata 4 L..C / K

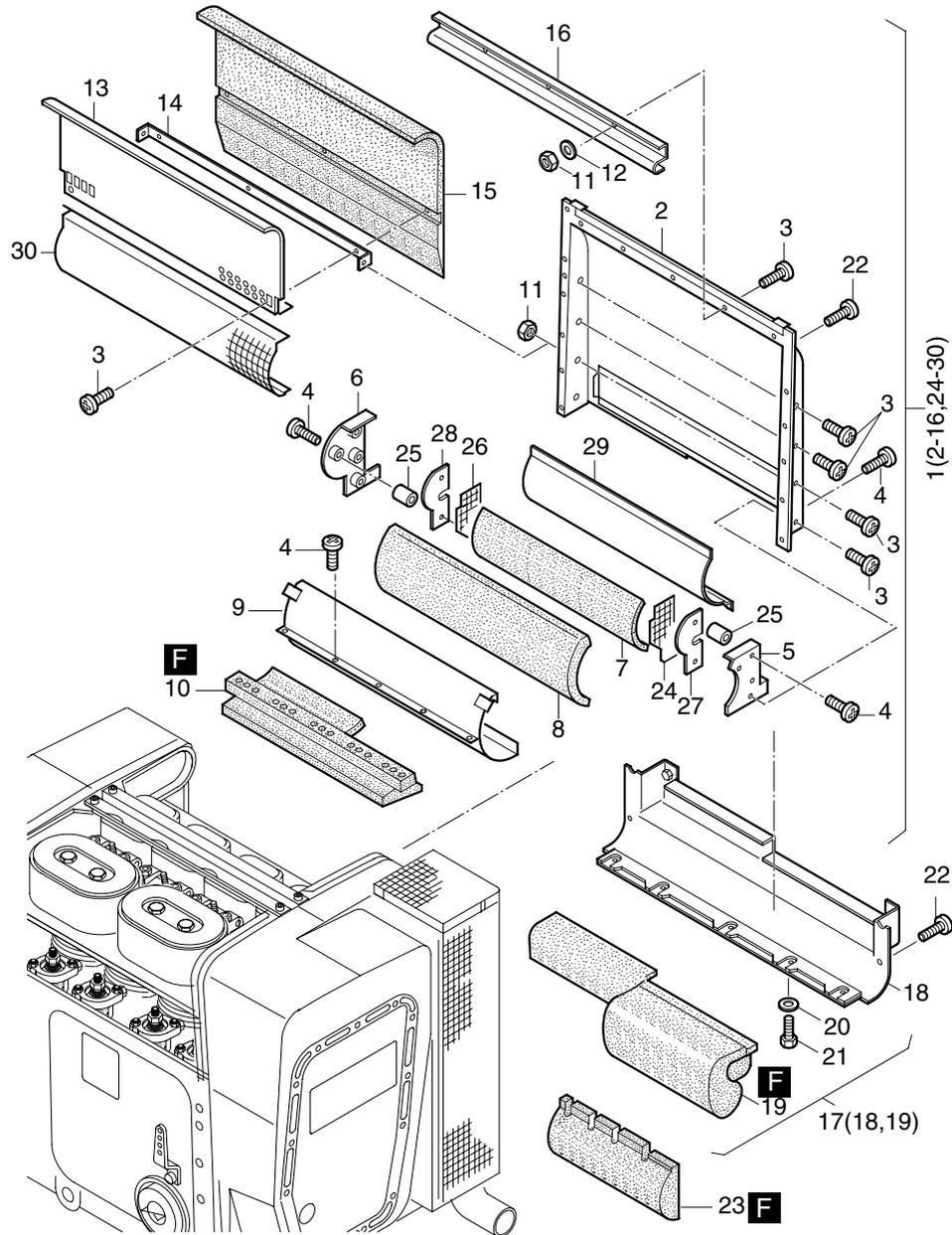


Fig.- No.	HATZ Ident-No.	Stück Qty.	W d / D	Bemerkungen Notes
4L41 C				
1	0000 009 968 03	1		
2	0000 009 960 10	1		
3	0000 502 892 00	22		M 6 x 12 KZ 1-8.8 A3D
4	0000 500 493 00	14		M 5 x 10 DIN 7985-8.8 A3R
5	0000 009 962 01	1		
6	0000 009 963 01	1		
7	0000 037 768 00	1		
8	0000 037 767 10	1		
9	0000 009 964 10	1		
10	0000 012 055 00	1		
11	0000 501 444 00	7		M 6 DIN 934 - 8 A3C
12	0000 501 445 00	4		6,4 DIN 125-St A3C
13	0000 037 684 00	1		
14	0000 037 683 00	1		
15	0000 037 690 00	1		
16	0000 037 677 01	1		
17	0000 009 949 01	1		
18	-----	-		
19	0000 037 673 10	1		
20	0000 501 445 00	5		6,4 DIN 125-St A3C
21	0000 500 254 00	5		M 6 x 10 DIN 933 - 8.8 A3C
22	0000 502 892 00	14		M 6 x 12 KZ 1-8.8 A3D
23	0000 037 687 00	1		
24	0000 037 762 00	1		
25	0000 037 763 00	6		
26	0000 037 764 00	1		
27	0000 037 765 00	1		
28	0000 037 766 00	1		
29	0000 037 761 10	1		
30	0000 037 760 00	1		

M35d

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

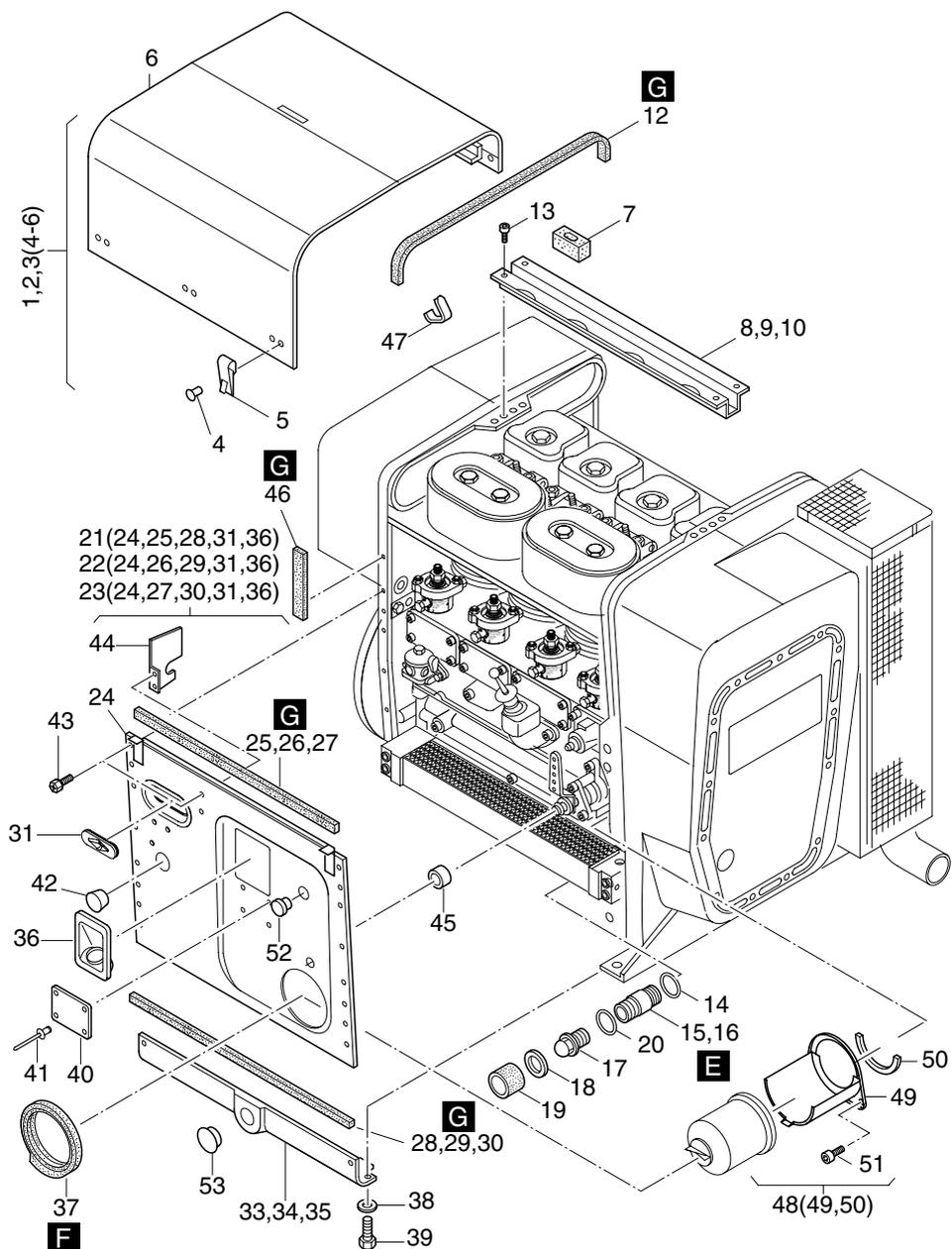


Fig.- No.	HATZ Ident-No.	Stück Qty.			W d / D	Bemerkungen Notes
		2L41 C	3L41 C	4L41 C		
1	0000 009 024 02	1	-	-		
2	0000 009 068 02	-	1	-		
3	0000 009 069 02	-	-	1		
4	0000 505 218 00	8	8	12		4,0 x 10,2
5	0000 505 217 00	4	4	6		
6	-----	-	-	-		
7	0000 035 690 00	1	1	1		
8	0000 035 788 00	1	-	-		
9	0000 035 826 00	-	1	-		
10	0000 035 827 00	-	-	1		
12	0000 035 776 00	2	2	2		650 mm
13	0000 502 892 00	4	4	4		M 6 x 12 KZ 1-8.8 A3D
14	0000 500 016 00	1	1	1	D4, W4	A 22 x 27 DIN 7603 Cu
15	0000 035 505 00	1	1	-		116 mm
16	0000 036 475 00	1	1	1		
17	0000 500 442 00	1	1	1	W1	M 18 x 1,5 DIN 910
18	0000 035 923 01	1	1	1		26,1 x 38 x 1
19	0000 035 795 00	1	1	1		46/22
20	0000 500 014 00	1	1	1	D2, W4	A 18 x 22 DIN 7603 - Cu
21	0000 009 353 21	1	-	-		
22	0000 010 969 12	-	1	-		
23	0000 009 355 21	-	-	1		
24	-----	-	-	-		
25	0000 035 933 00	1	-	-		
26	0000 035 934 00	-	1	-		
27	0000 035 935 00	-	-	1		
28	0000 036 237 10	1	-	-		
29	0000 036 238 10	-	1	-		
30	0000 036 239 10	-	-	1		
31	0000 039 931 00	1	1	1		
33	0000 009 741 00	1	-	-		
34	0000 009 742 00	-	1	-		
35	0000 009 743 01	-	-	1		
36	0000 037 614 01	1	1	1		
37	0000 035 940 01	1	1	1		
38	0000 501 445 00	3	4	5		6,4 DIN 125-St A3C
39	0000 500 254 00	3	4	5		M 6 x 10 DIN 933 - 8.8 A3C
40	-----	-	-	-		
41	0000 400 025 00	4	4	4		2,4
42	0000 042 829 00	1	1	1		ø 49,6mm
43	0000 502 892 00	12	12	14		M 6 x 12 KZ 1-8.8 A3D
44	0000 036 020 00	-	-	1		
45	0000 035 794 00	1	1	1		
46	0000 035 772 00	2	2	2		14 x 9 x 125
47	0000 037 799 00	4	4	4		

M35d

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

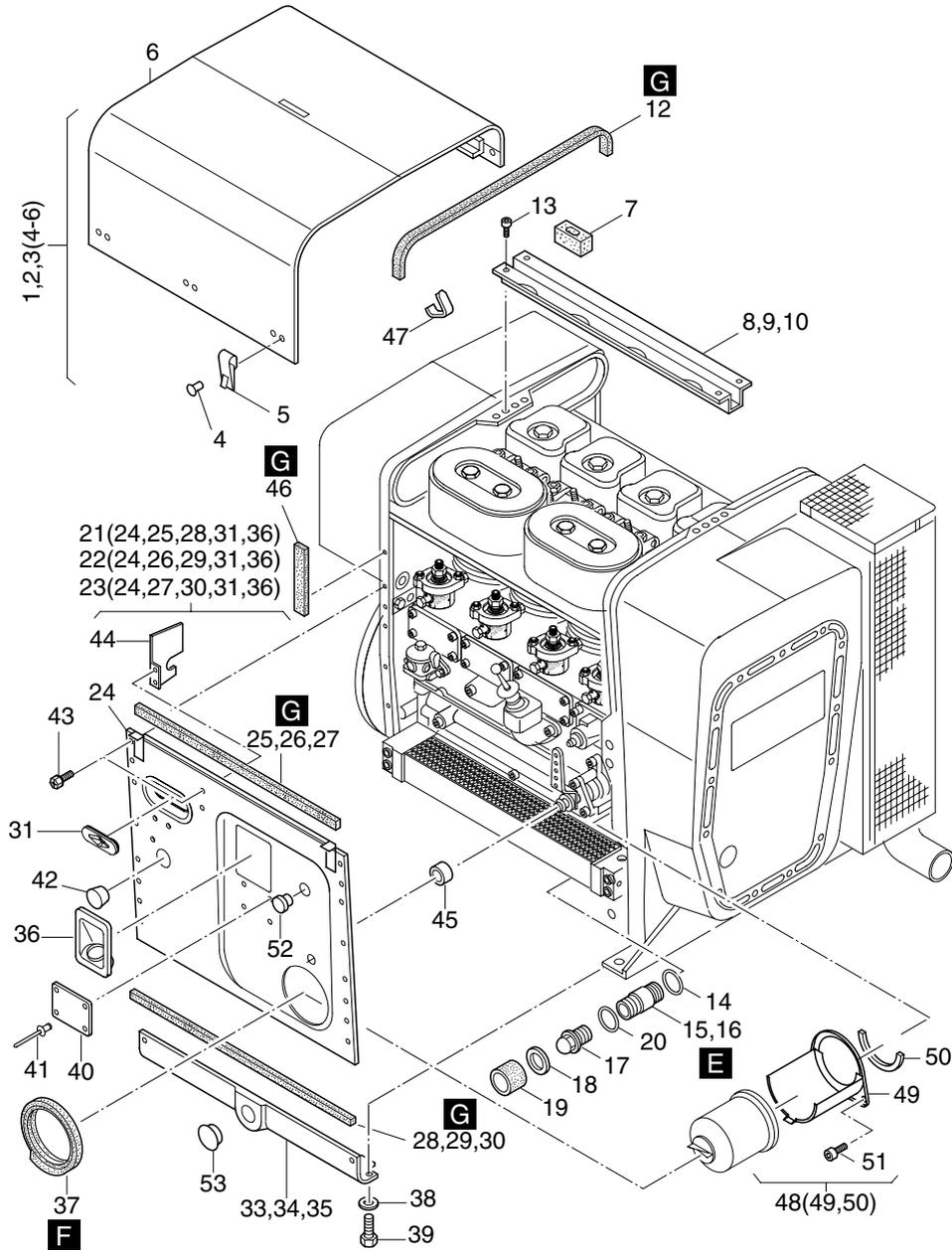


Fig.- No.	HATZ Ident-No.	Stück Qty.			W d / D	Bemerkungen Notes
		2L41 C	3L41 C	4L41 C		
48	0000 012 470 12	1	1	1		
49	-----	-	-	-		
50	0000 040 084 10	1	1	1		
51	0000 503 859 00	2	2	2	M 8 x 12 DIN 7984 - 8.8	
52	0000 400 960 00	1	1	1	F17	
53	0000 501 631 01	1	1	1	F 25 ø 31,8	

Z01a

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

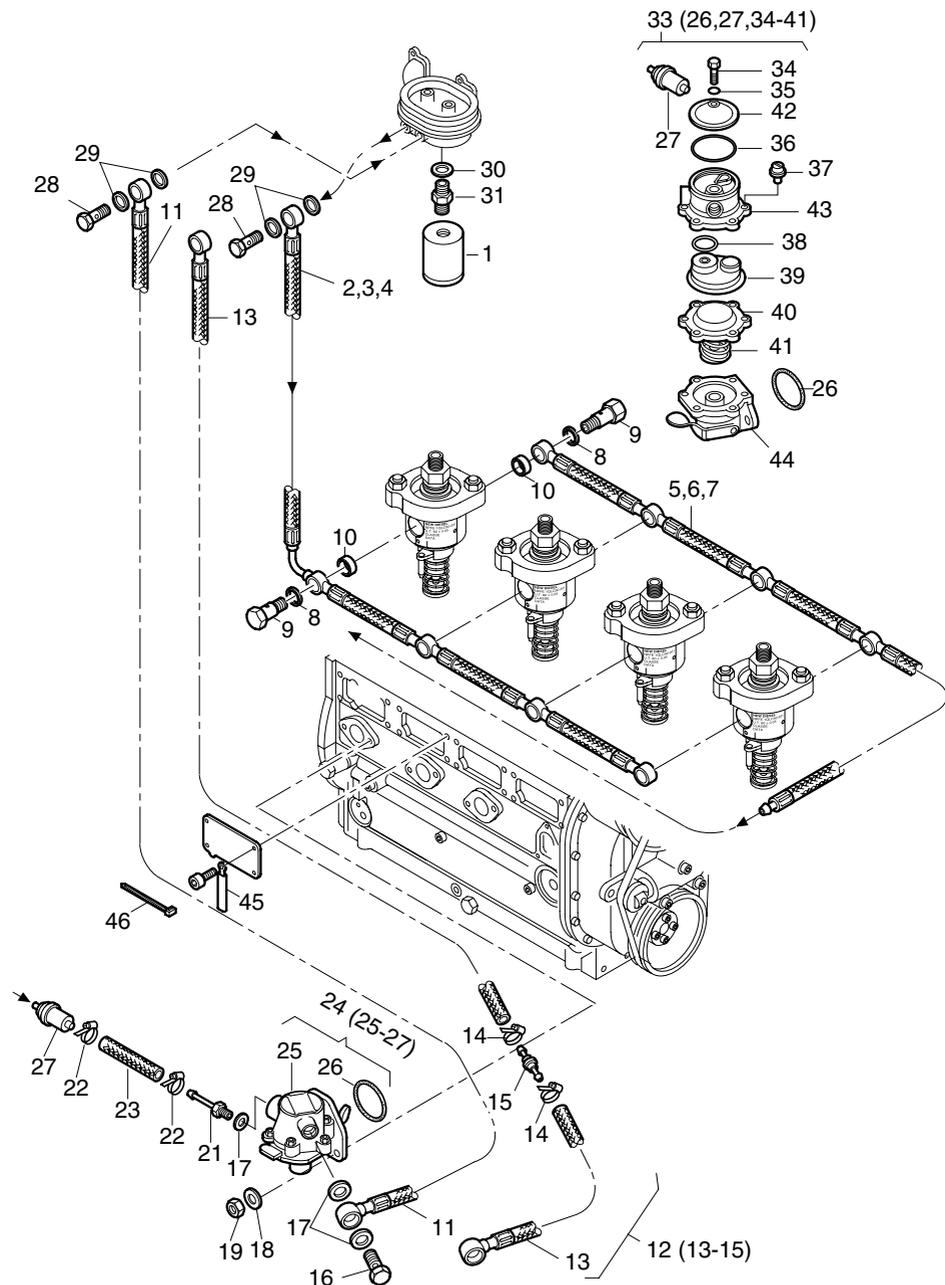


Fig.- No.	HATZ Ident-No.	Stück Qty.			W d / D	Bemerkungen Notes
		2L41 C	3L41 C	4L41 C		
1	0000 502 515 00	1	1	1		W1 Filter
2	0000 017 990 01	1	-	-		
3	0000 017 991 01	-	1	-		
4	0000 017 992 01	-	-	1		
5	0000 017 993 00	1	-	-		
6	0000 017 994 00	-	1	-		
7	0000 017 995 00	-	-	1		
8	0000 042 336 02	4	6	8		D8 12,1 x 15,5 x 1,5
9	0000 505 553 01	4	6	8		
10	0000 042 337 01	4	6	8		D8 12,1 x 15,5 x 5
11	0000 035 733 01	1	1	1		
12	0000 011 911 01	1	1	1		
13	-----	-	-	-		
14	0000 505 238 00	2	2	2		16,0
15	0000 018 651 00	1	1	1		
16	0000 500 064 00	1	1	1		10-3 DIN 7643
17	0000 500 012 00	3	3	3		A 14 x 18 DIN 7603-Cu
18	0000 500 812 00	2	2	2		A 6 DIN 137 - A3C
19	0000 501 444 00	2	2	2		M 6 DIN 934 - 8 A3C
21	0000 034 668 00	1	1	1		
22	0000 400 261 00	2	2	2		10-16
23	0000 038 012 10	1	1	1		7 x 220
24	0000 014 789 02	1	1	1		Förderpumpe, fuel pump, FCM
25	-----	-	-	-		
26	0000 501 299 00	1	1	1		D1 32 x 2,5
27	0000 503 170 00	1	1	1		W1 Vorfilter, prefilter
28	0000 500 063 00	2	2	2		8-3 DIN 7643
29	0000 500 011 00	4	4	4		D4 A 12 x 15,5 DIN 7603-Cu
30	0000 500 012 00	1	1	1		A 14 x 18 DIN 7603-Cu
31	0000 502 533 00	1	1	1		A LL 10 DIN 7647
33	0000 014 790 01	1	1	1		Reparatursatz, repair kit
34	-----	-	-	-		
35	-----	-	-	-		
36	0000 503 995 00	1	1	1		37 x 2,5
37	-----	-	-	-		
38	-----	-	-	-		
39	-----	-	-	-		
40	-----	-	-	-		
41	-----	-	-	-		
42	-----	-	-	-		
43	-----	-	-	-		
44	-----	-	-	-		
45	0000 050 239 00	1	1	1		
46	0000 503 584 00	1	2	3		200 x 4,8 mm

Z01b

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

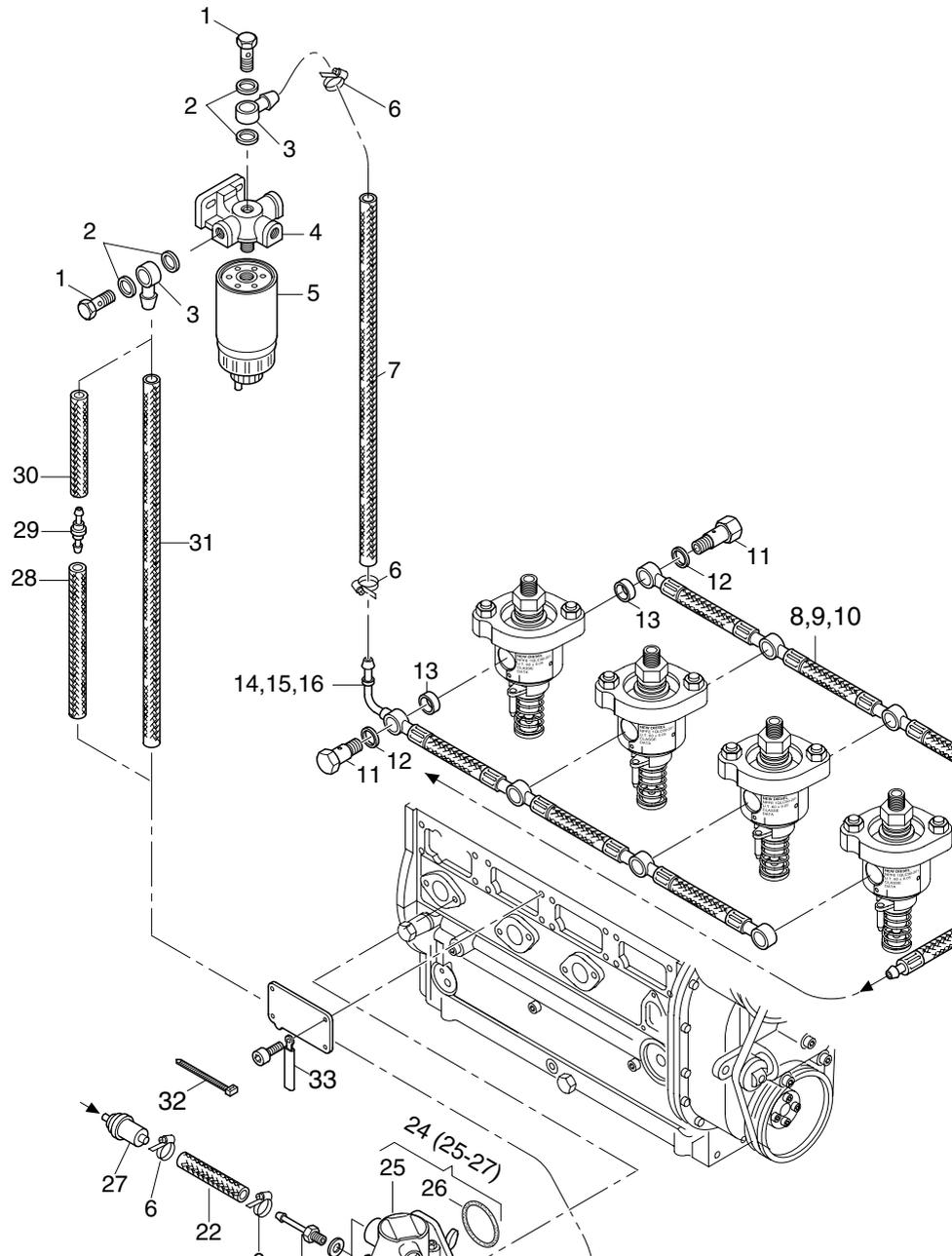


Fig.- No.	HATZ Ident-No.	Stück Qty.			W d / D	Bemerkungen Notes
		2L41 C	3L41 C	4L41 C		
1	0000 500 064 00	3	3	3		10-3 DIN 7643
2	0000 500 012 00	7	7	7		D7 A 14 x 18 DIN 7603-Cu
3	0000 500 159 00	3	3	3		NW 8 / 6
4	0000 503 456 00	1	1	1		
5	0000 503 457 00	1	1	1		Filter M 16 x 1,5
6	0000 400 261 00	4	4	4		10-16
7	0000 036 734 10	1	1	1		7 x 510
8	0000 017 993 00	1	-	-		
9	0000 017 994 00	-	1	-		
10	0000 017 995 00	-	-	1		
11	0000 505 553 01	4	6	8		
12	0000 042 336 02	4	6	8		D8 12,1 x 15,5 x 1,5
13	0000 042 337 01	4	6	8		D8 12,1 x 15,5 x 5
14	0000 018 025 01	1	-	-		
15	0000 018 026 01	-	1	-		
16	0000 018 027 01	-	-	1		
19	0000 500 812 00	2	2	2		A 6 DIN 137 - A3C
20	0000 501 444 00	2	2	2		M 6 DIN 934 - 8 A3C
21	0000 034 668 00	1	1	1		
22	0000 038 012 10	1	1	1		7 x 220
24	0000 014 789 02	1	1	1		Förderpumpe, fuel pump, FCM
25	-----	-	-	-		
26	0000 501 299 00	1	1	1		D1 32 x 2,5
27	0000 503 170 00	1	1	1		W1 Vorfilter, prefilter
28	0000 038 051 10	0...1	0...1	0...1		7 x 250
29	0000 018 651 00	0...1	0...1	0...1		
30	0000 034 933 10	0...1	0...1	0...1		7 x 145
31	0000 035 256 10	1	1	1		7 x 400
32	0000 503 584 00	1	2	3		200 x 4,8 mm
33	0000 050 239 00	1	1	1		

Z02

Zyklon
Cyclon
Cyclone
Ciclon
Prefiltro a ciclone

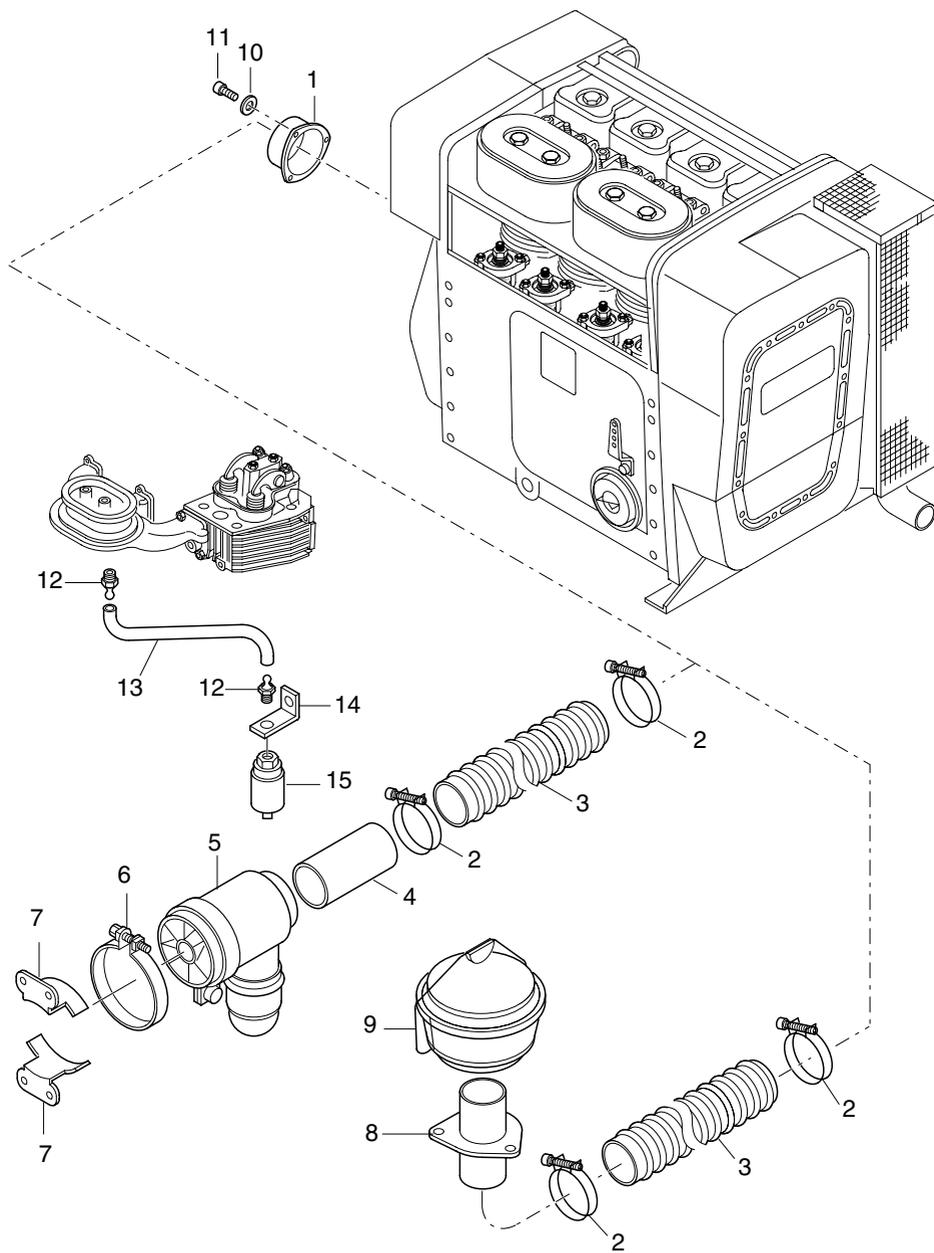


Fig.- No.	HATZ Ident-No.	Stück Qty.			W d / D	Bemerkungen Notes
		2L41 C	3L41 C	4L41 C		
1	0000 010 272 00	1	1	1		
2	0000 501 973 00	2	2	2	64/73	
3	0000 039 053 00	1... 4	1... 4	1... 4	1 m	
4	0000 038 205 00	1	1	1	66 x 68 x 120	
5	0000 400 353 00	1	1	1		
6	0000 400 291 00	1	1	1		
7	0000 038 208 00	2	2	2		
8	0000 010 271 00	1	1	1		
9	0000 501 961 00	1	1	1		
10	0000 500 812 00	3	3	3	A 6 DIN 137 - A3C	
11	0000 501 491 00	3	3	3	M 6 x 12 DIN 912-8.8 A3C	
12	0000 501 677 00	2	2	2		
13	0000 034 811 10	1	1	1	4,5 x 520	
14	0000 036 936 10	1	1	1		
15	0000 503 463 00	1	1	1	mech.	

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

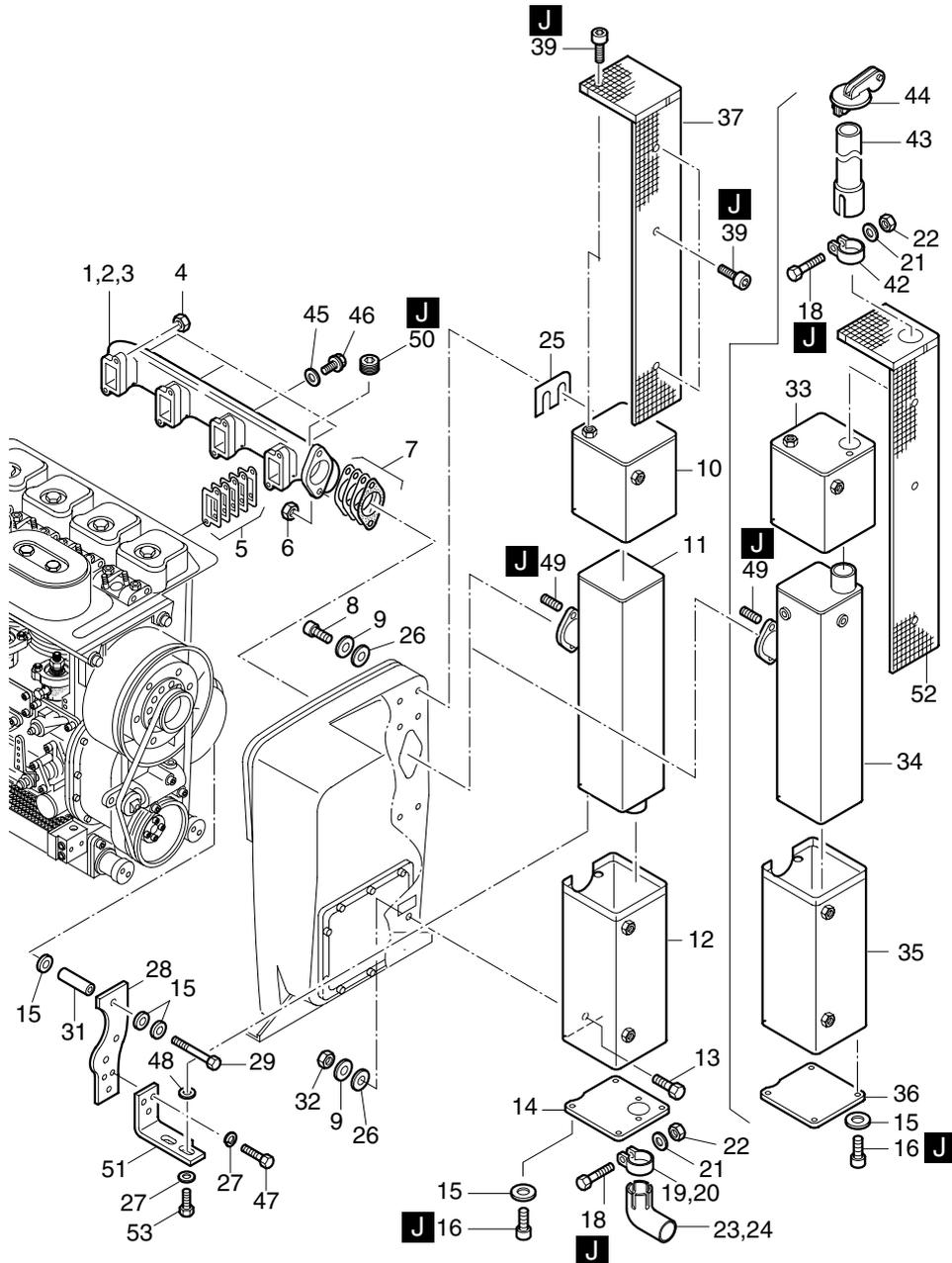


Fig.- No.	HATZ Ident-No.	Stück Qty.			W d / D	Bemerkungen Notes
		2L41 C	3L41 C	4L41 C		
1	0000 037 704 00	1	-	-		
2	0000 037 705 00	-	1	-		
3	0000 037 686 01	-	-	1		
4	0000 504 696 00	4	6	8		M 8 SW 12
5	0000 012 845 01	2	3	4	d1	
6	0000 400 286 00	2	2	2		VM 10 DIN 980-8 C3A
7	0000 016 037 00	1	1	1		
8	0000 502 557 00	7	7	7		M 6 x12 DIN 912-8.8 C4A
9	0000 500 027 00	8	8	8		6 DIN 128
10	0000 009 029 01	1	1	1		
11	0000 037 419 04	1	1	-		
11	0000 038 299 02	-	-	1		
12	0000 008 718 01	1	1	1		
13	0000 500 255 00	1	1	1		M 6 x 12 DIN 933 - 8.8
14	0000 038 779 00	1	1	1		
15	0000 501 481 00	13	13	13		8,4 DIN 125-St A3C
16	0000 501 389 00	4	4	4		M 8 x 12 DIN 912 - 8.8
18	0000 502 495 00	1	1	1		M 10 x 50 DIN 931-8.8 A3C
19	0000 038 777 00	1	1	-		52,5 mm
20	0000 038 778 00	-	-	1		58,5 mm
21	0000 501 459 00	1	1	1		10,5 DIN 125-St A3C
22	0000 400 286 00	1	1	1		VM 10 DIN 980-8 C3A
23	0000 038 775 00	1	1	-		52,5 mm
24	0000 038 776 00	-	-	1		
25	0000 038 554 00	0... 4	0... 4	0... 4		
26	0000 501 445 00	8	8	8		6,4 DIN 125-St A3C
27	0000 501 230 00	5	5	5		8,4 DIN 7349
28	0000 039 589 02	1	1	1		
29	0000 500 879 00	3	3	3		M 8 x 70 DIN 931 - 8.8
31	0000 035 387 01	3	3	3		9 x 14 x 42
32	0000 501 444 00	1	1	1		M 6 DIN 934 - 8 A3C
33	0000 010 830 00	1	1	1		
34	0000 038 838 03	1	1	1		
35	0000 008 718 01	1	1	1		
36	0000 038 780 00	1	1	1		
37	0000 008 492 01	1	1	1		
39	0000 506 023 01	7	7	7		M 6 x 8 DIN 6912
42	0000 038 777 00	1	1	1		52,5 mm
43	0000 038 897 00	1	1	1		
44	0000 502 797 00	1	1	1		
45	0000 032 288 00	2	3	4		
46	0000 500 447 00	2	3	4		R 1/4 DIN 910 - 5.8 A3C
47	0000 503 574 00	3	3	3		M 8 x 25 DIN 933 - 8.8 C4P
48	0000 032 131 00	0... 6	0... 6	0... 6		
49	0000 500 408 00	2	2	2		M 10 x 28 DIN 939 - 10.9

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

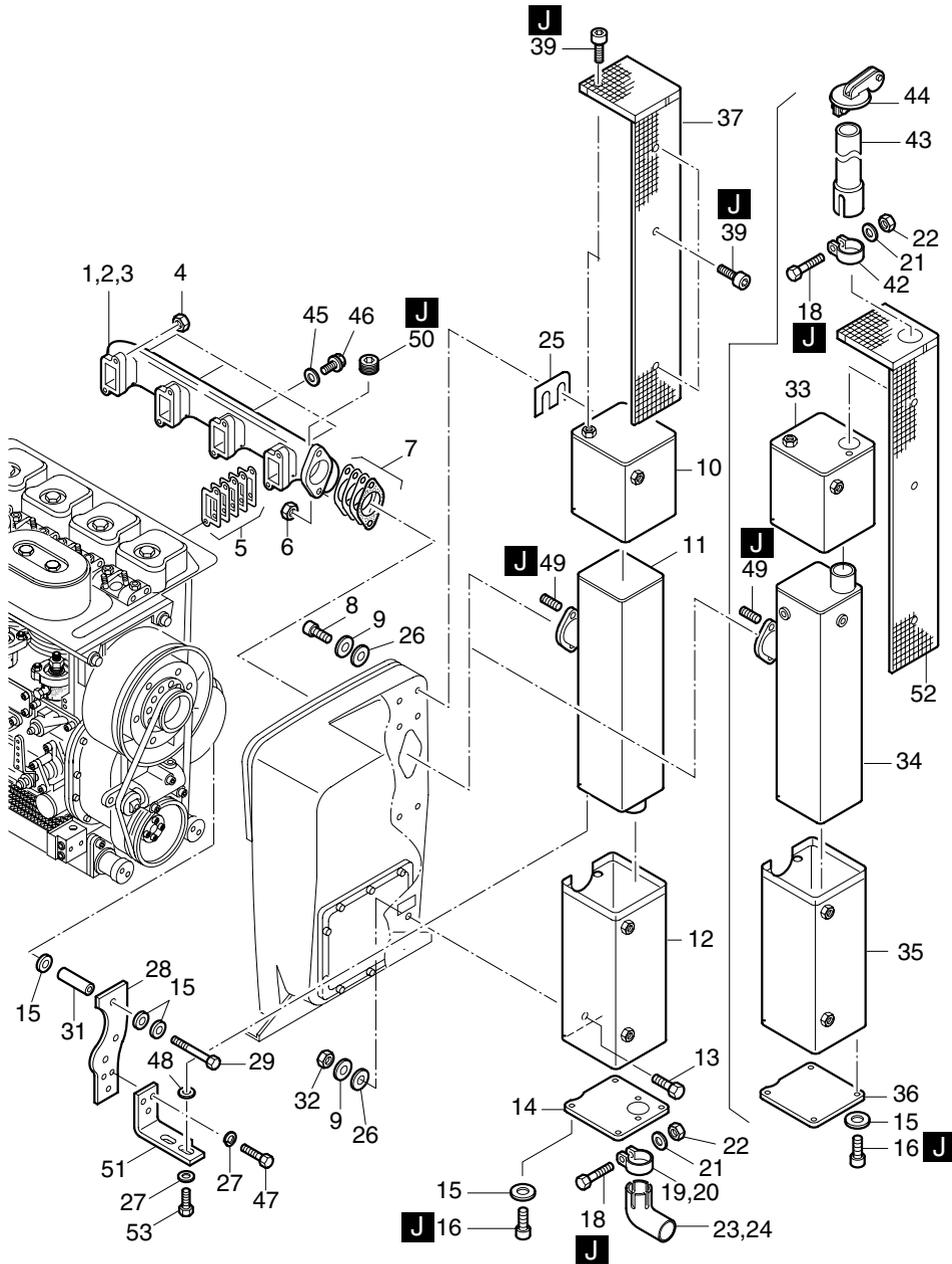


Fig.- No.	HATZ Ident-No.	Stück Qty.			W d / D	Bemerkungen Notes
		2L41 C	3L41 C	4L41 C		
50	0000 502 781 00	1	1	1		R 1/4 DIN 906 - 5.8
51	0000 039 590 01	1	1	1		
52	0000 038 192 01	1	1	1		
53	0000 504 040 00	2	2	2		M 8 x 30 DIN 912-8.8 C4P

Z05a

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

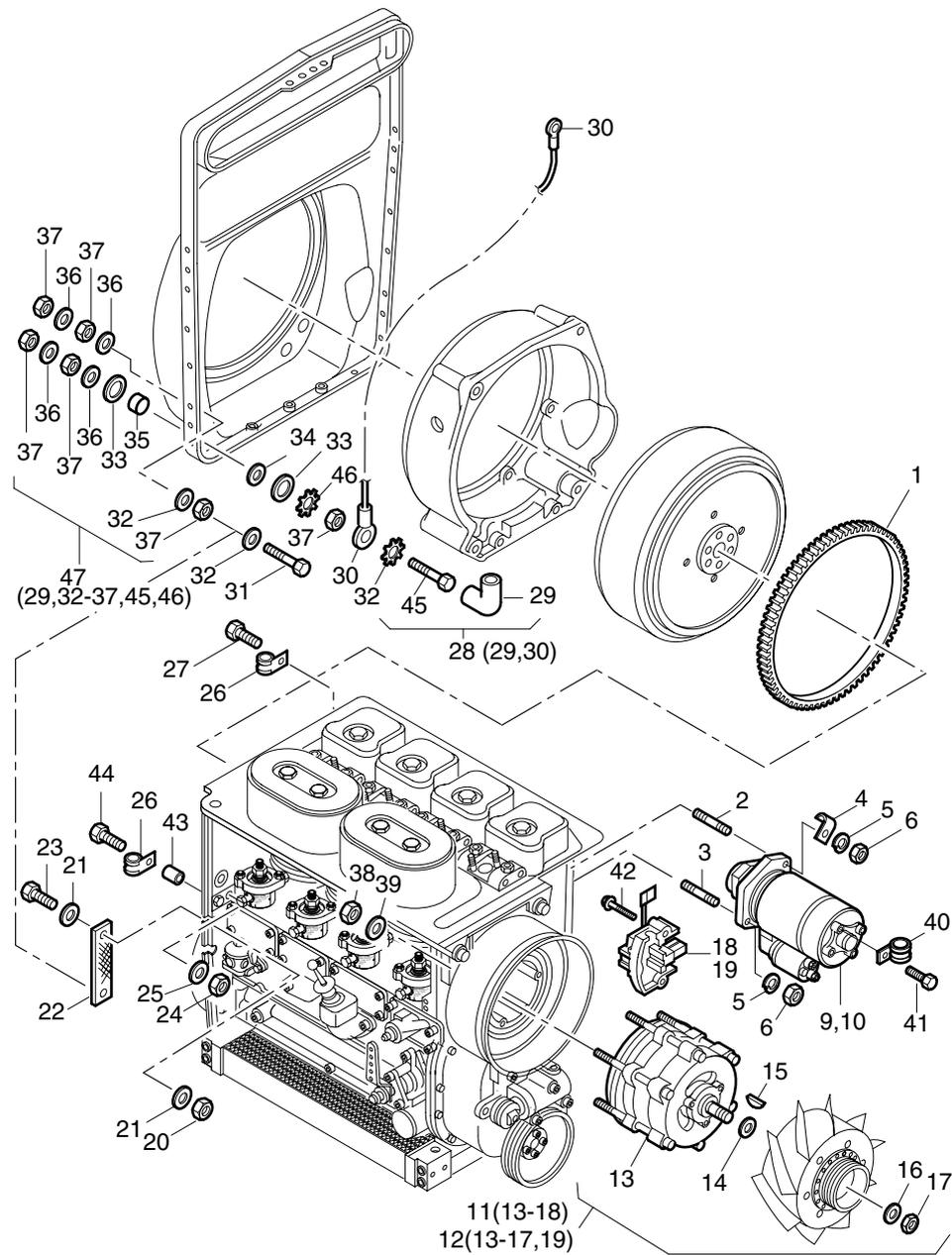


Fig.- No.	HATZ Ident-No.	Stück Qty.			W d / D	Bemerkungen Notes
		2L41 C	3L41 C	4L41 C		
1	0000 031 561 01	1	1	1		
2	0000 032 868 00	1	1	1		M 12
3	0000 500 423 00	1	1	1		M 12 x 25 DIN 939 - 5.6 A3C
4	0000 036 896 10	1	1	1		
5	0000 500 030 00	2	2	2		12 DIN 128
6	0000 503 806 00	2	2	2		M 12 DIN 970-8 A3C
9	0000 504 761 01	1	1	1		12 V 2,7 kW
10	0000 504 791 01	1	1	1		24 V 4,0 kW
10	0000 504 971 00	1	1	1		24 V 4,0 kW 2-polig
11	0000 505 042 00	1	1	1		14V 60A
12	0000 505 043 00	1	1	1		28V 40A
13	-----	-	-	-		
14	-----	-	-	-		
15	0000 500 178 00	1	1	1		4 x 6,5 DIN 6888
16	-----	-	-	-		
17	0000 500 245 00	1	1	1		M 16 x 1,5 DIN 936-17H
18	0000 490 849 00	1	1	1		14V
19	0000 490 850 00	1	1	1		28V
20	0000 501 480 00	1	1	1		M 8 DIN 934-8 A3C
21	0000 501 481 00	2	2	2		8,4 DIN 125-St A3C
22	0000 036 928 00	1	1	1		
23	0000 500 985 00	1	1	1		M 8 x 16 DIN 933-8.8 A3C
24	0000 501 444 00	2	2	2		M 6 DIN 934 - 8 A3C
25	0000 500 812 00	2	2	2		A 6 DIN 137 - A3C
26	0000 501 584 00	3	3	3		14 / 15
27	0000 501 771 00	2	2	2		M 6 x 16 DIN 933-8.8 A3C
28	0000 008 173 00	1	1	1		
29	0000 400 266 00	1	1	1		
30	0000 008 173 00	1	1	1		
31	0000 502 753 00	1	1	1		M 8 x 35 DIN 933-MS
32	0000 501 799 00	4	4	4		J 8,4 Zn DIN 6997 A3C
33	0000 038 141 00	2	2	2		
34	0000 504 268 00	1	1	1		J 10,5 DIN 6797 A3C
35	0000 038 142 00	1	1	1		
36	0000 500 168 00	4	4	4		8,4 DIN 125-MS
37	0000 500 230 00	6	6	6		M 8 DIN 934-MS
38	0000 501 444 00	5	5	5		M 6 DIN 934 - 8 A3C
39	0000 500 812 00	5	5	5		A 6 DIN 137 - A3C
40	0000 501 584 00	1	1	1		14 / 15
41	0000 501 655 00	1	1	1		M 6 x 12 DIN 933-8.8 A3C
42	-----	-	-	-		
43	0000 030 427 00	1	1	1		7 x 12 x 20
44	0000 501 687 00	1	1	1		M 6 x 35 DIN 931 - 8.8 A3C
45	0000 504 003 00	1	1	1		M 8 x 40 DIN 933-MS
46	0000 504 269 00	1	1	1		A 8,4 DIN 6798 A3C
47	0000 014 729 00	1	1	1		

Z05d, Z11

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

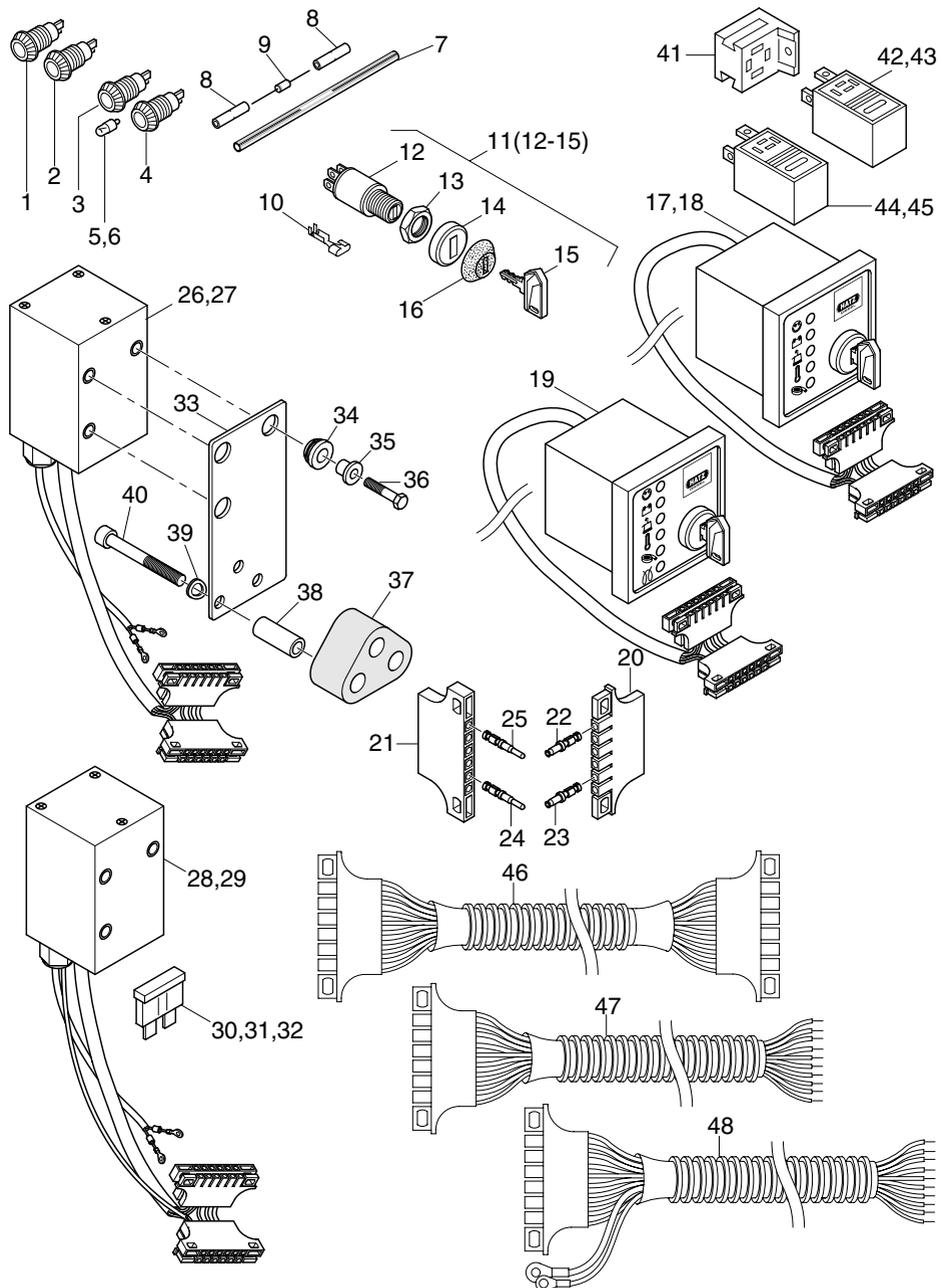


Fig.- No.	HATZ Ident-No.	Stück Qty.			W d / D	Bemerkungen Notes
		2L41 C	3L41 C	4L41 C		
1	0000 501 764 00	1	1	1		TEMP.
2	0000 501 765 00	1	1	1		BATT.
3	0000 501 766 00	1	1	1		OIL
4	0000 501 824 00	1	1	1		FILTER (LUFT)
5	0000 400 097 00	0... 4	0... 4	0... 4		12 V - 2 W
6	0000 400 098 00	0... 4	0... 4	0... 4		24 V - 2 W
7	0000 036 700 00	5	5	5		4 x 120 mm
8	0000 501 892 00	10	10	10		
9	0000 503 444 00	5	5	5		1 N 4007
10	0000 400 747 00	12	12	12		B 6,3 - 2,5 BZ
11	0000 503 844 01	1	1	1		
12	-----	-	-	-		
13	-----	-	-	-		
14	-----	-	-	-		
15	0000 504 049 00	1	1	1		Nr. 14644
16	0000 051 264 02	1	1	1		
17	0000 015 518 02	1	1	1		12 V, A 1
18	0000 015 697 02	1	1	1		24 V, A 1
19	0000 015 905 00	1	1	1		12 - 24 V, A2
20	0000 503 737 00	1	1	1		
21	0000 503 736 00	1	1	1		
22	0000 503 738 00	5	5	5		0,5 - 1,0
23	0000 503 739 00	1	1	1		1,5 - 2,5
24	0000 503 741 00	5	5	5		0,5 - 1,0
25	0000 503 743 00	1	1	1		2,5 - 4,0
26	0000 015 979 00	1	1	1		12 V Powerbox I
27	0000 015 980 00	1	1	1		24 V Powerbox I
28	0000 015 910 00	1	1	1		12 V Powerbox III
29	0000 015 911 00	1	1	1		24 V Powerbox III
30	0000 504 304 00	1	1	1		15 A
31	0000 504 307 00	1	1	1		30 A
32	0000 504 330 00	2	2	2		40 A
33	0000 051 727 00	1	1	1		
34	0000 036 652 00	3	3	3		
35	0000 033 776 00	3	3	3		
36	0000 500 921 00	3	3	3		M 6 x 25 DIN 933-8.8 A3C
37	0000 039 372 00	1	1	1		
38	0000 032 004 00	3	3	3		9 x 14 x 35
39	0000 501 481 00	3	3	3		8,4 DIN 125-St A3C
40	0000 502 888 00	3	3	3		M 8 x 55 DIN 912-8.8 A3C
41	0000 502 760 00	1... 2	1... 2	1... 2		
42	0000 504 050 00	0... 1	0... 1	0... 1		12 V Zeitrelais
43	0000 504 051 00	0... 1	0... 1	0... 1		24 V Zeitrelais
44	0000 502 758 02	0... 1	0... 1	0... 1		12 V HATZ MSR
45	0000 502 759 02	0... 1	0... 1	0... 1		24 V HATZ MSR
46	0000 016 112 00	1	1	1		K 1 - 2 m
47	0000 015 498 01	1	1	1		K 2 - 2 m
48	0000 016 141 01	1	1	1		K 3 - 2 m

Z05f

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

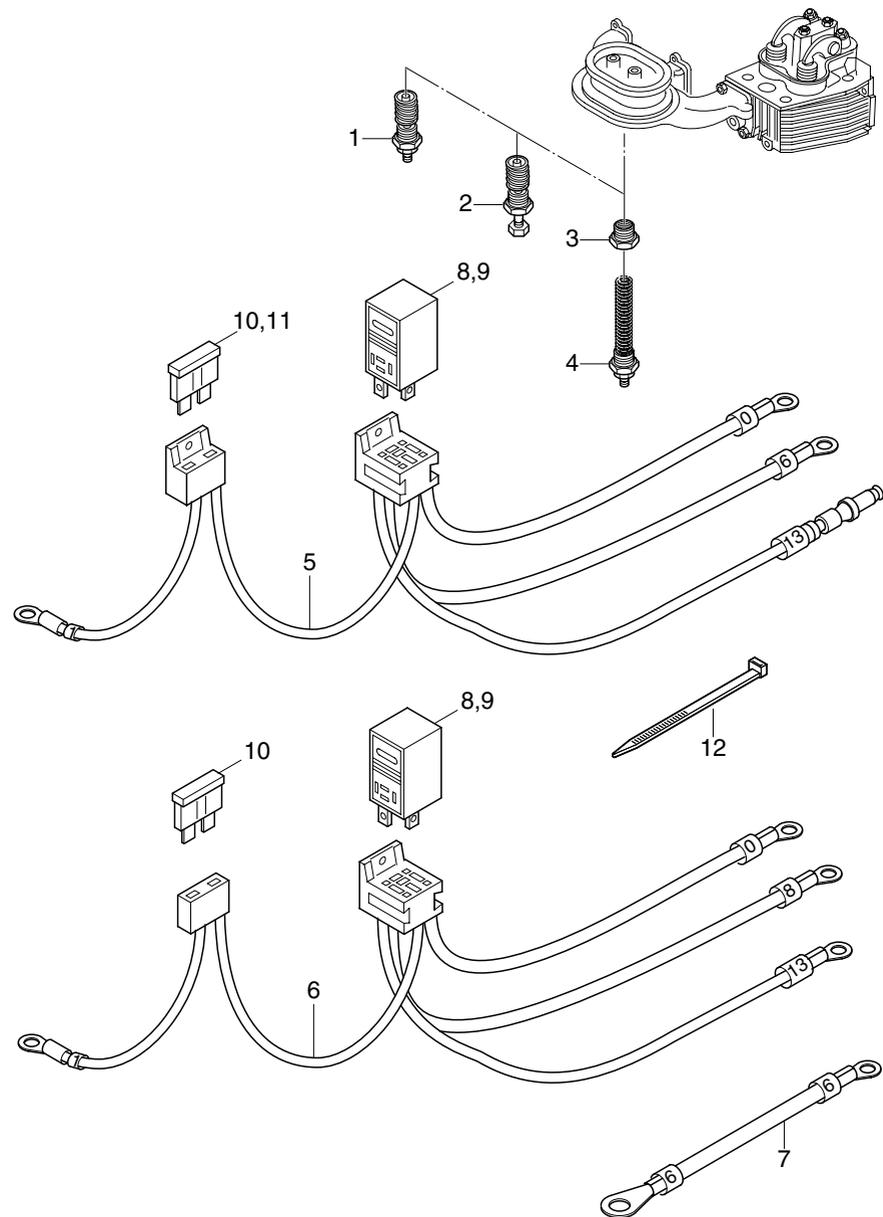


Fig.- No.	HATZ Ident-No.	Stück Qty.			W d / D	Bemerkungen Notes
		2L41 C	3L41 C	4L41 C		
1	0000 501 639 00	0... 1	0... 1	1... 2		184G 4L..C:12V(2)24V(1)
2	0000 501 641 01	-	-	0... 1		400G 4L..C:24V(1)
3	0000 051 702 00	0... 1	0... 1	-		2-3L..C:24V(1)
4	0000 504 868 00	0... 1	0... 1	-		35.31 2-3L..C:24V(1)
5	0000 016 419 01	1	1	1		I
6	0000 016 422 00	-	-	0... 1		II 4L..C:12V(1)
7	0000 008 235 00	-	-	0... 1		470 mm 4L..C:24V(1)
8	0000 504 327 00	0... 1	0... 1	0... 2		12V - 70A 4L..C:12V(2)
9	0000 504 540 01	0... 1	0... 1	0... 1		24V - 40A
10	0000 504 854 00	0... 1	0... 1	1... 2		50A 4L..C:12V(2)24V(1)
11	0000 504 869 00	0... 1	0... 1	-		20A 2-3L..C:24V(1)
12	0000 503 584 00	2	2	3... 4		200 x 4,8 mm

Z06, Z15

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

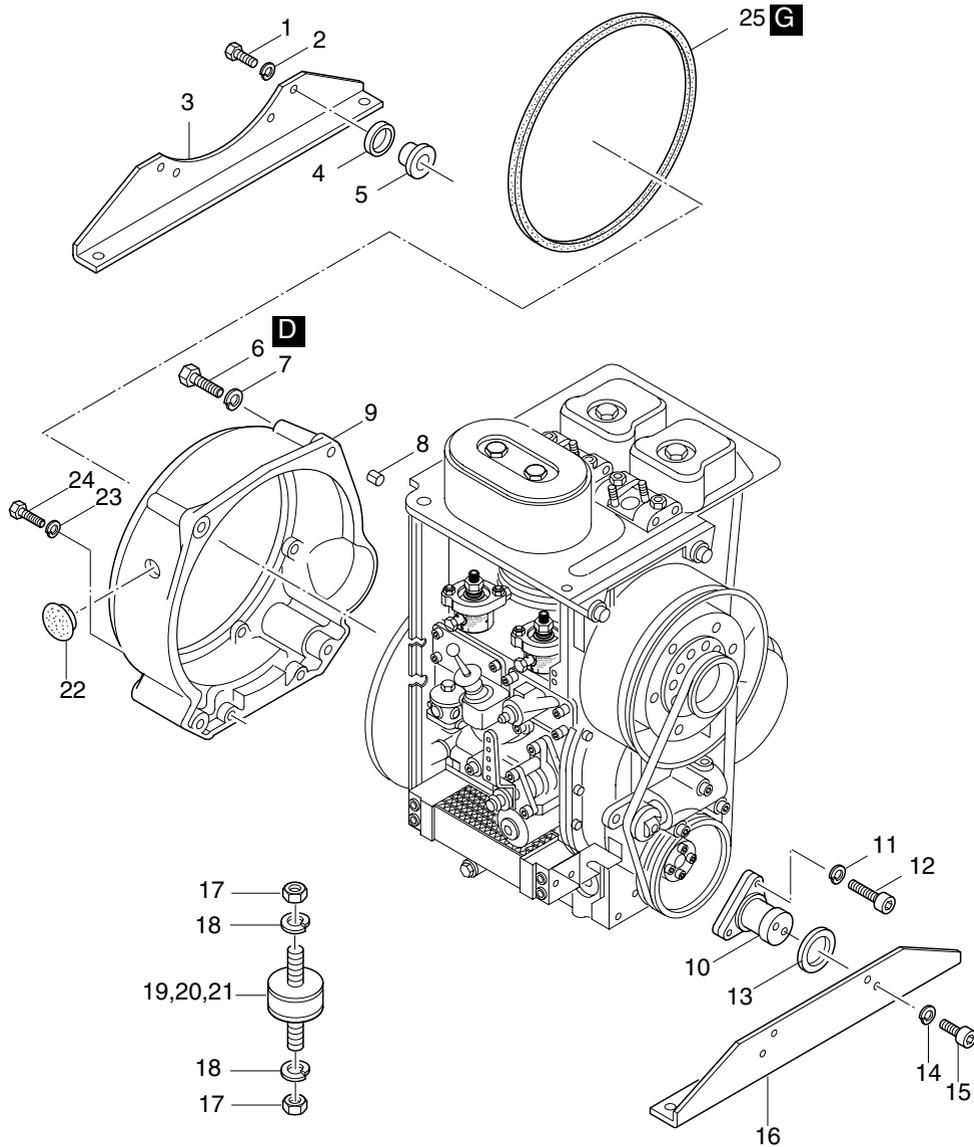


Fig.- No.	HATZ Ident-No.	Stück Qty.			W d / D	Bemerkungen Notes
		2L41 C	3L41 C	4L41 C		
1	0000 502 593 00	4	4	4		M 12 x 110 DIN 931 - 8.8 A3C
2	0000 500 632 00	4	4	4		12 DIN 128 A3C
3	0000 038 787 00	1	1	1		
4	0000 035 798 00	4	4	4		
5	0000 035 791 00	4	4	4		
6	0000 501 373 00	4	4	4		M 14 x 1,5 x 50 DIN 960 - 8.8
7	0000 500 031 00	4	4	4		14 DIN 128
8	0000 501 374 00	4	4	4		18 x 18 DIN 7346
9	0000 035 759 03	1	1	1		SAE 5
10	0000 007 393 01	2	2	2		
11	0000 034 693 00	4	4	4		12,5 x 22 x 3
12	0000 500 730 00	4	4	4		M 12 x 40 DIN 912 - 12.9
13	0000 035 799 00	2	2	2		
14	0000 501 356 00	4	4	4		10 DIN 128 A3C
15	0000 501 365 00	4	4	4		M 10 x 20 DIN 933 - 8.8 A3C
16	0000 038 789 01	1	1	1		
17	0000 501 458 00	8	8	8		M 10 DIN 934-8 A3C
18	0000 501 356 00	8	8	8		10 DIN 128 A3C
19	0000 502 601 00	4	4	4		40 SH 7
20	0000 502 602 00	4	4	4		55 SH 8
21	0000 502 603 00	4	4	4		65 SH 9
22	0000 502 376 00	1	1	1		F19
23	0000 500 029 00	2	2	2		A 10 DIN 128
24	0000 500 296 00	2	2	2		M 10 x 45 DIN 933-8.8 A3C
25	0000 035 929 01	1	1	1		

Z07

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

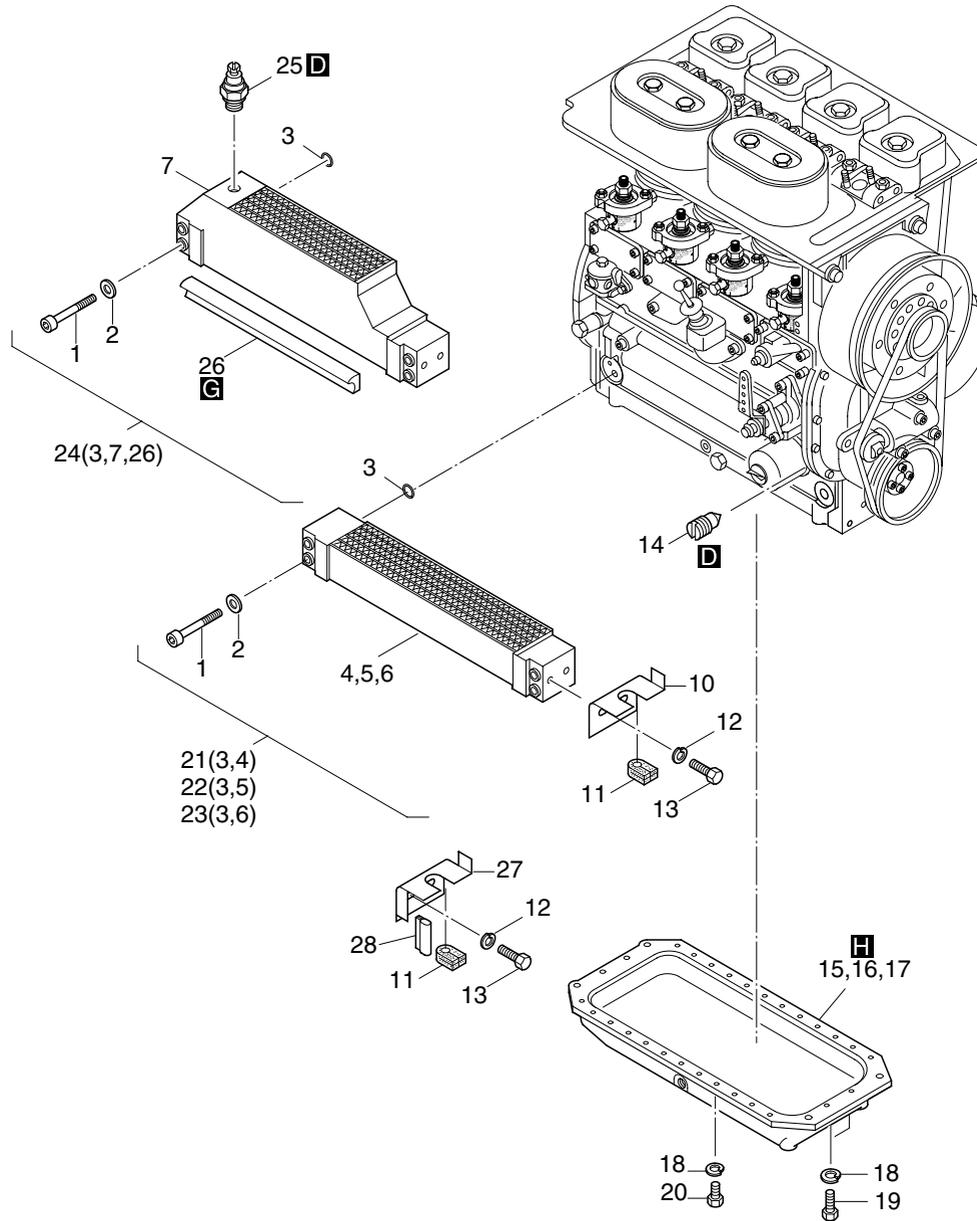


Fig.- No.	HATZ Ident-No.	Stück Qty.			W d / D	Bemerkungen Notes
		2L41 C	3L41 C	4L41 C		
1	0000 502 041 00	4	4	4		M8 x 95 DIN 6912 - 8.8
2	0000 500 035 00	4	4	4		B8 DIN 137
3	0000 501 304 00	2	2	2		D2 16,3 x 2,4
4	-----	-	-	-		
5	-----	-	-	-		
6	-----	-	-	-		
7	-----	-	-	-		
10	0000 036 201 01	1	1	1		
11	0000 035 689 00	1	1	1		
12	0000 500 812 00	2	2	2		A 6 DIN 137 - A3C
13	0000 500 255 00	2	2	2		M 6 x 12 DIN 933 - 8.8
14	0000 034 657 00	1	1	1		
15	0000 009 175 00	1	-	-		s.Grp M35a Pos 33
16	0000 009 176 00	-	1	-		s.Grp M35a Pos 34
17	0000 009 177 01	-	-	1		s.Grp M35a Pos 35
18	0000 500 028 00	12	18	24		8 DIN 128
19	0000 502 793 01	4	4	-		M8x16 ISO 4017-8.8 PRECOTE
20	0000 500 267 00	8	14	24		M 8 x 16 DIN 933 - 8.8
21	0000 016 529 01	1	-	-		
22	0000 016 530 01	-	1	-		
23	0000 016 531 01	-	-	1		4L..C...2300 min-1
24	0000 016 532 01	-	-	1		4L..C > 2300 min-1
25	0000 502 722 00	-	-	1		12 - 24V Oil 4L..C> 2300 min-1
26	0000 042 741 00	-	-	1		449 mm
27	0000 020 168 00	-	-	1		
28	0000 042 740 00	-	-	1		42 mm

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

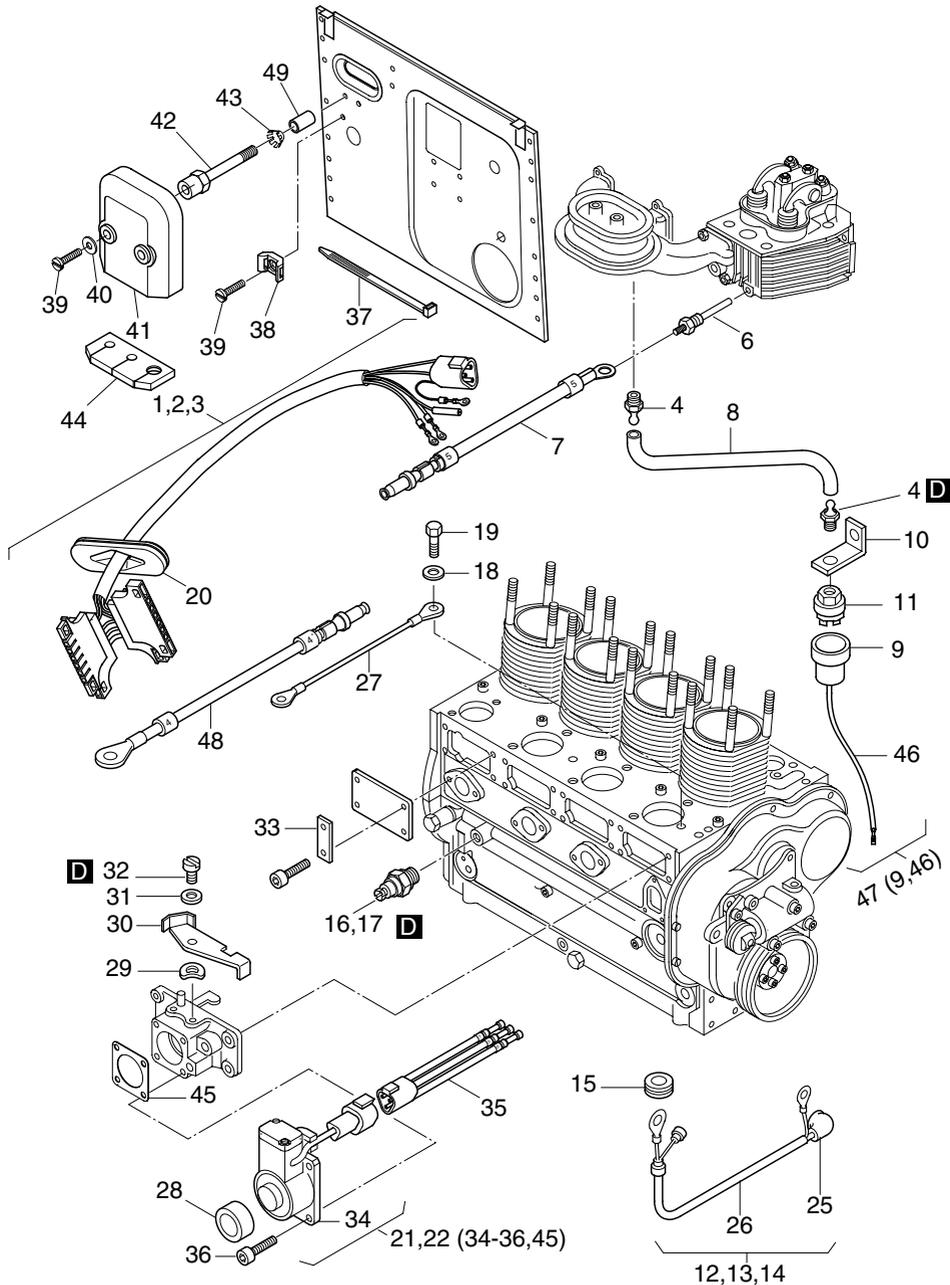


Fig.- No.	HATZ Ident-No.	Stück Qty.			W d / D	Bemerkungen Notes
		2L41 C	3L41 C	4L41 C		
1	0000 016 015 10	1	-	-		
2	0000 016 016 10	-	1	-		
3	0000 016 017 10	-	-	1		
4	0000 501 677 00	2	2	2		
6	0000 502 686 00	1	1	1		TEMP. 12-24V
7	0000 015 481 00	1	1	1		(5) 470 mm
8	0000 034 811 10	1	1	1		4,5 x 520
9	0000 503 461 00	1	1	1		
10	0000 036 936 11	1	1	1		
11	0000 501 676 00	1	1	1		
12	0000 011 832 10	1	-	-		
13	0000 011 834 10	-	1	-		
14	0000 011 836 10	-	-	1		
15	0000 501 585 00	1	1	1		
16	0000 400 213 00	1	1	1		12 - 24V Oil 0,5 - 0,8 bar
17	0000 502 722 00	-	-	1		12 - 24V Oil 4L..C >2300 min-1
18	0000 501 481 00	1	1	1		8,4 DIN 125-St A3C
19	0000 500 267 00	1	1	1		M 8 x 16 DIN 933 - 8.8
20	0000 039 931 00	1	1	1		
21	0000 016 609 01	1	1	1		12V
22	0000 016 610 01	1	1	1		24V
25	0000 400 266 00	1	1	1		
26	-----	-	-	-		
27	0000 008 171 01	1	1	1		
28	0000 035 798 00	1	1	1		
29	0000 501 143 00	1	1	1		6,4 x 17 x 3 DIN 7349 A3C
30	0000 039 602 00	1	1	1		
31	0000 500 951 00	1	1	1		A 8 DIN 137 A3C
32	0000 051 699 00	1	1	1		M6
33	0000 039 518 00	1	2	3		
34	-----	-	-	-		
35	-----	-	-	-		
36	0000 505 444 00	4	4	4		M 6 x 20 DIN 912 - 8.8 A3C Tuf.
37	0000 503 584 00	1	1	1		200 x 4,8 mm
38	0000 504 902 00	1	1	1		
39	0000 504 089 00	3	3	3		M5 x 8 DIN 84 - 4.8 A3C
40	0000 504 088 00	2	2	2		5,3 DIN 9021 - St A3C
41	0000 016 517 01	1	1	1		
42	0000 051 739 00	2	2	2		
43	0000 504 087 00	2	2	2		V 5,3 DIN 6797-FST
44	0000 052 032 00	1	1	1		
45	0000 039 344 00	1...2	1...2	1...2		D1 (12V-2) (24V-1)
46	-----	-	-	-		
47	0000 011 652 00	1	1	1		(17) 310 mm
48	0000 015 480 00	1	1	1		(4) 500 mm
49	0000 036 714 00	2	2	2		7 x 12 x 15

Z16, Z18

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

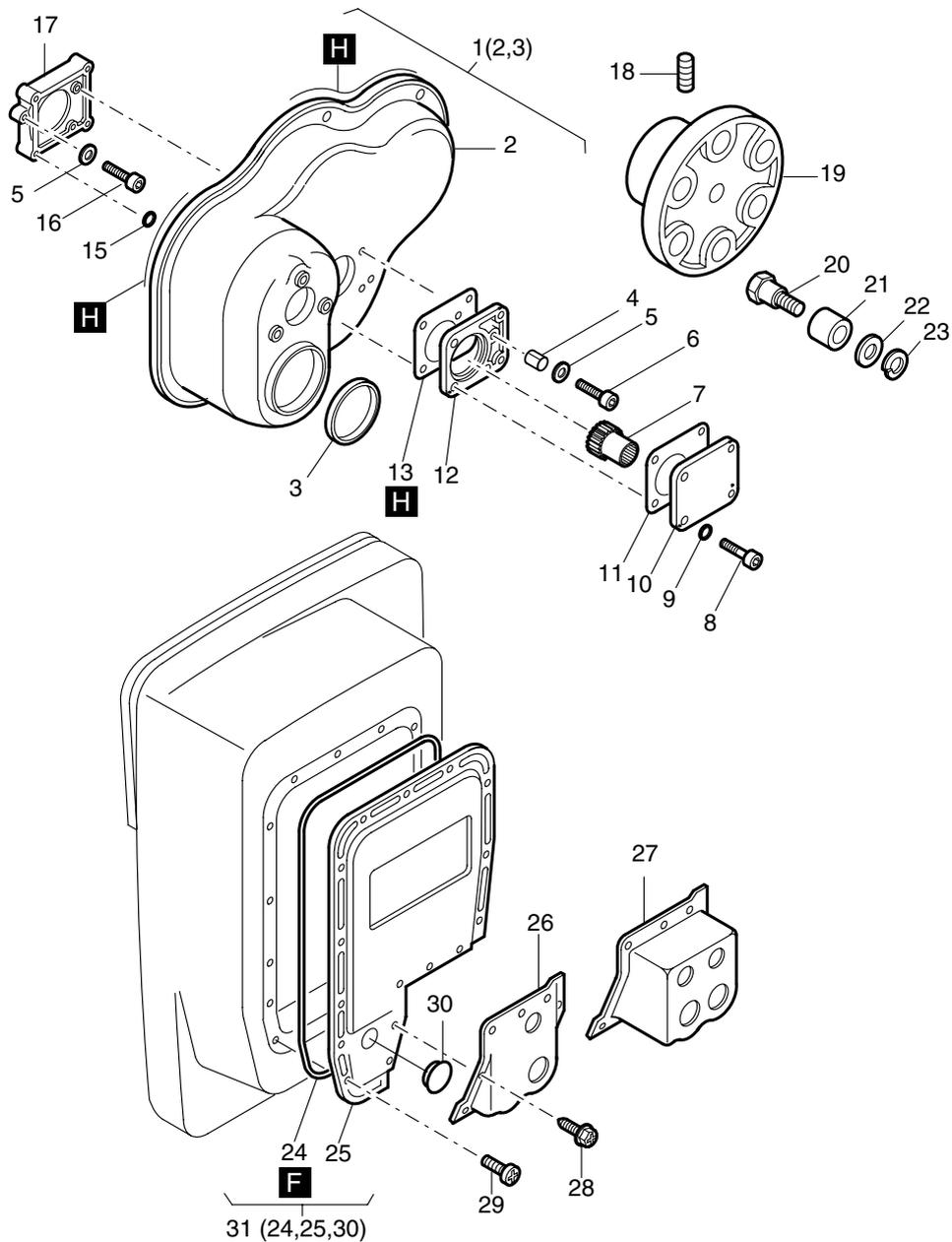


Fig.- No.	HATZ Ident-No.	Stück Qty.			W d / D	Bemerkungen Notes
		2L41 C	3L41 C	4L41 C		
1	0000 009 935 01	1	1	1		
3	0000 501 291 00	1	1	1		55 x 70 x 8
4	0000 502 620 00	2	2	2		10 x 10 DIN 7346
5	0000 500 028 00	4	4	4		8 DIN 128
6	0000 502 581 00	2	2	2		M 8 x 60 DIN 6912 - 8.8
7	0000 010 623 00	1	1	1		
8	0000 502 688 00	4	4	4		M 8 x 30 DIN 912 - 8.8
9	0000 501 629 00	4	4	4		A 8 x 14 DIN 7603 - Cu
10	0000 037 616 00	1	1	1		
11	0000 035 680 00	1	1	1		
12	0000 035 550 11	1	1	1		
13	0000 037 544 00	1	1	1		
15	0000 400 223 00	2	2	2		8 x 2
16	0000 500 525 00	2	2	2		M 8 x 40 DIN 912 - 8.8
17	0000 037 543 00	1	1	1		
18	0000 500 046 00	1	1	1		M 8 x 16 DIN 916-45H A3C
19	0000 030 405 00	1	1	1		12 H 7
20	0000 030 469 00	6	6	6		
21	0000 031 510 00	6	6	6		
22	0000 030 790 00	6	6	6		20,3 x 26,9 x 4
23	0000 500 616 01	6	6	6		VHZ 12
24	0000 038 477 00	1	1	1		1260 mm "C"
25	-----	-	-	-		"C"
26	0000 038 428 01	1	1	1		"C"
27	0000 038 427 00	1	1	1		"C"
28	0000 503 356 00	10	10	10		M 6 x 16 KZ 1-8.8 A3D
29	0000 502 892 00	12	12	12		M 6 x 12 KZ 1-8.8 A3D
30	0000 042 829 00	1	1	1		ø 49,6mm
31	0000 015 064 00	1	1	1		

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

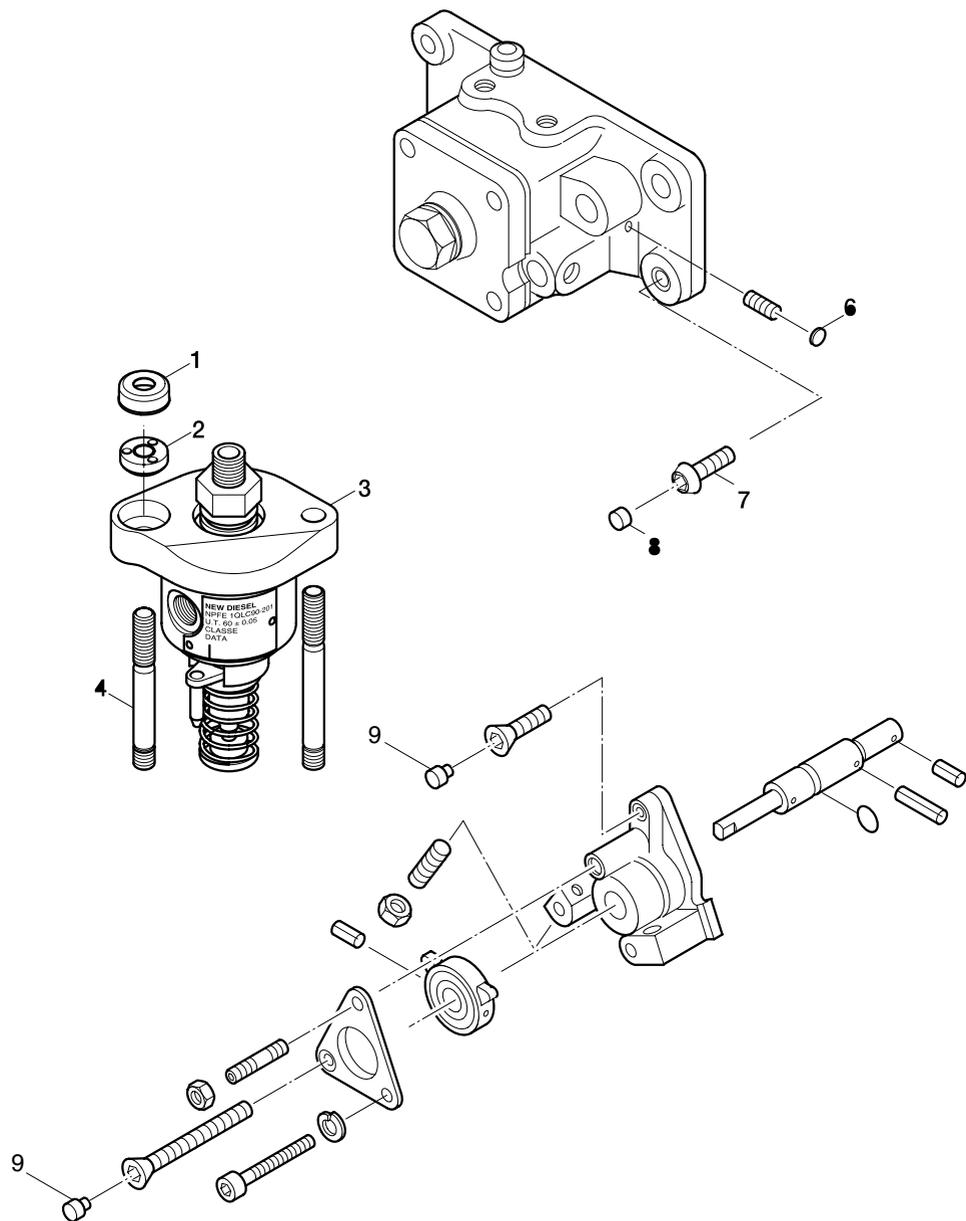


Fig.- No.	HATZ Ident-No.	Stück Qty.			W d / D	Bemerkungen Notes
		2L41 C	3L41 C	4L41 C		
1	0000 042 445 00	2	3	4		
2	0000 042 392 00	2	3	4		
3	0000 042 870 00	2	3	4		
4	0000 505 474 00	2	3	4		
6	0000 504 760 00	1	1	1		8 DIN 470 AI
7	0000 505 241 00	1	1	1		M 8 x 16 DIN 7380-10.9 A3C Tuf
8	0000 052 066 00	1	1	1		ø 5,0
9	0000 041 289 00	2	3	4		ø 5,0



HATZ service network

A	Austria	2320 Schwechat - Rannersdorf	Josef Hofmann GmbH.	+43 - 1 - 7 07 06 08
A	Austria	4600 Wels	Motor Center Austria GmbH	+43 - 7242 - 4 71 61-0
A	Austria	5020 Salzburg	Ing. R. Schneider	+43 - 662 - 87 23 54
A	Austria	6065 Thaur	Romed Müssigang	+43 - 5223 - 49 28 34
A	Austria	6830 Rankweil	Ländletechnik Schäfer GmbH	+43 - 5522 - 4 50 60
A	Austria	8020 Graz	Langbauer - Motoren GmbH.	+43 - 316 - 71 15 95
A	Austria	9170 Ferlach	Johann Koslitsch	+43 - 4227 - 59 33
AN	Angola	Luanda	Organizacoes JLM Lda.	+244 - 2 - 31 04 40
AUS	Australia	2164 Smithfield NSW	HATZ Australia Pty. Ltd.	+61 - 2 - 8788 7999
B	Belgium	4300 Wareme	Moes Diesel S.A	+32 - 19 - 33 92 92
BF	Burkina Faso	Ouagadougou 01	Impex Afrique	+226 - 50 43 37 37
BG	Bulgaria	1715 Sofia	ENERGIA-MARVAKOV	+359 - 29 62 14 95
BHT	Bhutan	Gongkhar Bumthang	Jigme Norbu Enterprise	+975 - 3 - 63 11 81 or 63 11 70
BR	Brazil	06413-690 Barueri - S.P.	Recomafe	+55 - 11 - 21 99 36 66
BRN	Bahrain	646 Nuwaidrat	Gulf Equipment & Technology (G.E.T.)	+973 - 170 00 08
BY	Belarus	223021 Minsk region	Fomar Ltd.	+375 - 17 - 507 68 20
CAM	Cameroon	DOUALA	EMEI DIESEL Sarl	+342 - 87 51
CDN	Canada	WI 53187-0258 Waukesha	HATZ Diesel of America, Inc.	+1 - 262 - 5 44 02 54
CH	Switzerland	8852 Altendorf	Motorenfabrik HATZ AG	+41 - 55 - 4 51 75 30
CI	Côte d' Ivoire	Abidjan 15	SEMAT	+225 - 21 21 84 84
CN	China	Xiamen	Motorenfabrik Hatz GmbH. & Co. KG.	+86 - 592 - 520 45 -28/-38/-78
CO	Columbia	Medellin	Eduardoño S.A.	+57 - 4 - 2 66 95 79
CR	Costa Rica	San Jose	Esco Costa Rica S.A.	+506 - 2 42 29 29
CY	Cyprus	3724 Limassol	L.NEMITSAS LTD	+357 - 25 - 56 92 25
CZ	Czech Republic	37001 Ceske Budejovice	David Servis spol. s.r.o.	+420 - 38 - 7 31 22 69
D	Germany	12057 Berlin	Fritz Bugel GmbH	+49 - (0)30 - 6 84 25 45
D	Germany	14774 Brandenburg / Plaue	Stolze Moto-Tech GmbH	+49 - (0)3381 - 4 04 70
D	Germany	15345 Altlandsberg	Alfons Hase	+49 - (0)33438 - 6 04 16
D	Germany	15831 Groß-Kienitz	Wilhelm Schmidt GmbH	+49 - (0)3 37 08 - 54 10
D	Germany	17235 Neustrelitz	Autek-Truck - Technik & Service GmbH	+49 - (0)3981 - 4 49 90
D	Germany	18055 Rostock	Mechanische Werkstatt	+49 - (0)381 - 69 08 20
D	Germany	19348 Düprow	Bernd Jüchert	+49 - (0)3876 - 78 89 31
D	Germany	21107 Hamburg (Wilhelmsburg)	SERVICEZENTRALE	+49 - (0)40 - 7 56 05 70
D	Germany	23556 Lübeck	Kindt-Motoren	+49 - (0)451 - 8 13 06 80
D	Germany	24145 Kiel - Wellsee	Wulf Johannsen KG GmbH & Co.	+49 - (0)431 - 71 20 25
D	Germany	26121 Oldenburg i.O.	Motoreninstandsetzung Oldenburg GmbH	+49 - (0)441 - 7 20 21/22
D	Germany	26789 Leer/Ostfriesland	Wilhelm Elbrecht	+49 - (0)491 - 9 71 11 57 / 9 71 11 58
D	Germany	2730 Ebersbach	Peter Hirche	+49 - (0)3586 - 36 23 79
D	Germany	28199 Bremen	Reinhold Linnenbrügger GmbH	+49 - (0)421 - 50 40 48 / 50 40 49
D	Germany	31275 Lehrte	GM-Motoreninstandsetzung	+49 - (0)5132 - 27 22
D	Germany	3130 Spremberg	Lischke Motortechnik	+49 - (0)3563 - 60 50 40
D	Germany	32756 Detmold	Wilhelm Plass	+49 - (0)5231 - 2 32 09
D	Germany	33611 Bielefeld	Faust & Noel e.K.	+49 - (0)521 - 6 18 83
D	Germany	36433 Moorgrund / OT Gumpelstadt	Autohaus Kallenbach	+49 - (0)3695 - 8 42 38
D	Germany	37081 Göttingen-Grone	Gerhard Wienstroth GmbH & Co. KG	+49 - (0)551 - 69 31 10
D	Germany	39124 Magdeburg	Motoreninstandsetzung GmbH	+49 - (0)391 - 28 92 11 0

HATZ service network



D	Germany	44143 Dortmund-Wambel	Dressendörfer GmbH & Co. KG	+49 - (0)231 - 59 30 89
D	Germany	4509 Wiedemar	SERVICEZENTRALE	+49 - (0)34207 - 7 44 0
D	Germany	47198 Duisburg	Wilhelm Nolden & Söhne	+49 - (0)2066 - 83 08 / 83 19
D	Germany	4749 Ostrau	Teichert GmbH	+49 - (0)34324 - 2 22 43 / 2 46 79
D	Germany	48282 Ermsdetten	Herbert Schwarte GmbH	+49 - (0)2572 - 50 02
D	Germany	48653 Coesfeld	Loick Motoren Technik GmbH. & Co. KG.	+49 - (0)2541 - 7 00 44
D	Germany	49716 Meppen/Ems	M. + E. Motoren- und Energietechnik	+49 - (0)5931 - 98 44-0
D	Germany	50859 Köln	Peter Müller GmbH	+49 - (0)2234 - 7 91 69
D	Germany	52477 Alsdorf - Mariadorf	B. Hamacher GmbH	+49 - (0)2404 - 9 85 60
D	Germany	52525 Heinsberg	Winkens GmbH	+49 - (0)2452 - 9 03 13-0
D	Germany	54292 Trier	motormobile	+49 - (0)651 - 43 68 60
D	Germany	56323 Waldesch	Seibert & Münch	+49 - (0)2628 - 29 01
D	Germany	57368 Lennestadt	Motoreninstandsetzung	+49 - (0)2725 - 2 47
D	Germany	59069 Hamm-Rhynern	Friedel Dicke GmbH	+49 - (0)2385 - 7 08 06-0
D	Germany	59609 Anröchte	Friedrich Dicke GmbH & Co.KG	+49 - (0)2947 - 979863
D	Germany	64293 Darmstadt	SERVICEZENTRALE	+49 (0)6151 - 39 7 49 0
D	Germany	67061 Ludwigshafen	ME Motoren- und Energietechnik	+49 - (0)621 - 58 71 17-0
D	Germany	67661 Kaiserslautern (Siegelbach)	Emrich GmbH	+49 - (0)6301 - 80 82, 80 83
D	Germany	69214 Eppelheim	Eberle Hald Handel u. Dienstleistungen	06221/7558 39 - 0
D	Germany	70188 Stuttgart	Eberle Hald Handel u. Dienstleistungen	0711/480 24 - 0
D	Germany	72555 Metzingen	Eberle Hald Handel u. Dienstleistungen	+49 - (0)7123 - 92 31 0
D	Germany	73492 Rainau-Goldshoefe	Eberle Hald Handel u. Dienstleistungen	07361/9718 02
D	Germany	76139 Karlsruhe	Ehlgötz	+49 - (0)721 - 6 23 54-0
D	Germany	76571 Gaggenau	SKS-Motoren GmbH	+49 - (0)7225 - 96 08 23
D	Germany	7806 Neustadt / Orla	Hoffmann & Sohn GmbH	+49 - (0)36481 - 29 60
D	Germany	78652 Deisslingen	Eberle Hald Handel u. Dienstleistungen	07425/3386 - 0
D	Germany	79211 Denzlingen	Karl Hoch GmbH	+49 - (0)7666 - 88 24-0
D	Germany	79331 Teningen - Nimbung	Eberle Hald Handel u. Dienstleistungen	07663/9309 - 0
D	Germany	7957 Langenwetendorf	LAREMO GmbH	+49 - (0)3 66 25 / 5 52 07
D	Germany	81477 München	Stefan Lutzenberger	+49 - (0)89 - 78 20 39
D	Germany	83471 Berchtesgaden-Engedej	Friedrich Dicke GmbH & Co. KG	+49 - (0)8652 - 6 43 06
D	Germany	88074 Meckenbeuren	Eberle Hald Handel u. Dienstleistungen	07542/9410 - 0
D	Germany	90449 Nürnberg	Guth & Eberler GmbH	+49 - (0)911 - 6 88 79 53
D	Germany	94099 Ruhstorf	Motorenfabrik Hatz GmbH & Co. KG	+49 - (0)8531 - 31 90
D	Germany	94501 Aldersbach	Christian Sauer	+49 - (0)8543 - 91 60 81
D	Germany	9669 Frankenberg	V. Kluge GmbH	+49 - (0)37206 - 22 17
D	Germany	97904 Dorfprozelten	MSG Mainschiffahrts-	+49 - (0)9392 - 93 41-0
DK	Denmark	2630 Taastrup	Erenfred Pedersen A/S	+45 - 43 71 01 66
DK	Denmark	6000 Kolding	Erenfred Pedersen A/S	+45 - 76 33 60 60
DK	Denmark	9000 Aalborg	Erenfred Pedersen A/S	+45 - 98 13 77 22
DOM	Dominican Rep.	Santo Domingo	La Antillana Comercial, S.A.	+1 - 809 - 5 65 31 51
DZ	Algeria	Alger	Dieselec S.A.R.L.	+213 - 21 - 49 50 54 / 55 / 56
E	Spain	1013 Vitoria	Talleres Solaf, S.A.	+34 - 945 - 260781
E	Spain	15008 A Coruña	Talleres Hércules	+34 - 981 - 261650 / 252935
E	Spain	17469 Fortia (Girona)	Mauricio Xatart Tell	+34 - 972 - 534088
E	Spain	18080 Granada	Comercial Peña Torres	+34 - 958 - 816600



HATZ service network

E	Spain	18200 Maracena	Talleres Soriano	+34 - 958 - 410689
E	Spain	23009 Jaén	Comercial Peña Torres, S.A.	+34 - 953 - 28 05 77
E	Spain	25230 Mollerusa (Lleida)	Talleres Comaposada	+34 - 973 - 60 12 27
E	Spain	28320 Pinto (Madrid)	Austral Reparaciones y Servicios	+34 - 91 - 691 80 29
E	Spain	29004 Málaga	Comercial Peña Torres	+34 - 952 - 17 70 72
E	Spain	30500 Molina de Segura	Campos López	+34 - 968 - 386248
E	Spain	31192 Mutilva Alta	Maquinaria y Servicios ECA	+34 - 948 - 24 10 17
E	Spain	33211 Gijón	Maprinsa, S.A.	+34 - 985 - 167772
E	Spain	35008 El Sebadal	Fuendor	+34 - 928 - 46 53 06
E	Spain	38320 Taco	Fuendor (Repuestos)	+34 - 922 - 65 54 50
E	Spain	38350 Tacoronte	Fuendor (Taller)	+34 - 922 - 56 05 25
E	Spain	41500 Alcalá de Guadaíra	Blanco e Hijos	+34 - 955 - 63 01 89
E	Spain	43206 Reus (Tarragona)	Tractomecanic Maquinaria S.L.	+34 - 977 - 314923
E	Spain	46469 Beniparell (Valencia)	Talleres Rimi	+34 - 96 - 1 21 70 91
E	Spain	47193 La Cisterniga	Zafara	+34 - 983 - 476851 / 225620
E	Spain	47610 Zaratán	Talleres Sermacons S.L.	+34 - 983 - 342040
E	Spain	48014 Bilbao	Loter S.L.	+34 - 944 - 755853
E	Spain	50016 Zaragoza	Loma e Hijos, S.L.	+34 - 976 - 575177 / 570809
E	Spain	50171 La Puebla de Alfindén Zaragoza	Motores HATZ Espana S.L.U.	+34 - 976 - 10 81 28
E	Spain	7007 Palma de Mallorca	Comagriusa	+34 - 971 - 420137
E	Spain	7714 Mahón	Parot, S.A.	+34 - 971 - 360623
E	Spain	8038 Barcelona	Comercial Aim, S.L.	+34 - 93 - 3393250
EAK	Kenya	100 Nairobi	First Machineries Ltd.	+254 - 20 - 55 77 86
EC	Ecuador	Guayaquil	Compañía Comercial	+593 - 4 -256 05 02
ES	El Salvador	San Salvador	TEMSA	+503 - 22 76 22 23
ET	Egypt	11331 Cairo	Market Leaders	+20 - 2 - 4 53 07 63, 4 53 09 17
ETH	Ethiopia	Addis Abeba	Inter Supply	+251 - 1 - 50 77 77
EW	Estonia	11612 Tallinn	Estmotor Oü	+372 - 6 52 65 95
F	France	10350 Marigny Le Chatel	Garage Mathieu	+33 - 3 - 25 39 24 01
F	France	10350 Marigny Le Châtel	Garage Mathieu	+33 - 3 - 25 39 24 01
F	France	10350 Marigny-Le-Châtel	Garage Mathieu	+33 - 3 - 25 39 24 01
F	France	13852 Aix-en-Provence	I.M.F.	+33 - 4 - 42 90 30 65
F	France	14123 IFS	BOUVET S.A.S	+33 - 2 - 31 52 01 47
F	France	19100 Brive	Saint-Germain Rectif & Pradeau Moteurs	+33 - 5 - 55 86 91 91
F	France	19100 Brive	Saint-Germain-Rectif & Pradeau Moteurs	+33 - 5 - 55 86 91 91
F	France	21560 Arc-sur-Tille	Garage Remillet	+33 - 3 - 80 37 24 52
F	France	25410 Saint-Vit	DEPANNTP	+33 - 3 - 81 87 61 10
F	France	27002 Evreux Cédex	Demolin	+33 - 2 - 32 39 07 22
F	France	31300 Toulouse	MIDI-DIESEL ELECTRO ACCESSOIRES	+33 - 5 - 61 42 80 11
F	France	33704 Mérignac	Laporte	+33 - 5 - 56 34 20 26
F	France	33704 Mérignac	Laporte	+33 - 5 - 56 34 20 26
F	France	34671 Baillargues Cedex 1	L.M.S. (Languedoc Matériel Service)	+33 - 4 - 67 91 29 39
F	France	34671 Baillargues Cédex 1	L.M.S. (Languedoc Matériel Service)	+33 - 4 - 67 91 29 39
F	France	34671 Baillargues Cédex 1	L.M.S. (Languedoc Matériel Service)	+33 - 4 - 67 91 29 39
F	France	37170 Chambray-Les-Tours	Perron & Gay	+33 - 2 - 47 28 94 94
F	France	54710 Fléville	M.T.E. Services	+33 - 3 - 83 25 75 00

HATZ service network



F	France	56402 Auray Cedex	PENOUEST	+33 - 2 - 97 24 16 59
F	France	56402 Auray Cédex	PENOUEST	+33 - 2 - 97 24 16 59
F	France	59167 LALLAING	COMOTEQ	+33 - 3 - 27 99 35 23
F	France	67300 Schiltigheim	ALSIA	+33 - 3 - 88 33 05 95
F	France	69680 Chassieu	HATZ France	+33 - 4 - 78 90 73 25
F	France	69680 Chassieu	HATZ-France	+33 - 4 - 78 90 73 25
F	France	69684 Chassieu Cedex	HATZ-France	+33 - 4 - 78 90 73 25
F	France	76807 Saint-Etienne du Rouvray Cedex	Morisse-Nayrat	+33 - 2 - 32 95 91 65
F	France	78610 Le Perray en Yvelines	Sudmat	+33 - 1 - 34 57 85 00
F	France	78703 Conflans-Ste-Honorine	Diesel Marine	+33 - 1 - 39 72 68 83
F	France	94290 Villeneuve le Roi	S.F.2.A	+33 - 1 - 49 61 30 90
FIN	Finland	1390 Vantaa	Finmotor Oy	+358 - 9 - 8 70 09 70
FJI	Fiji	Suva, Fiji Is.	Solar & Alternative	+679 - 3 39 80 06
G	Gabon	Libreville	MIAG	+241 - 76 00 31, 72 17 27
GB	Great Britain	BH21 7PE Dorset	Lewis & Lewis	+44 - 1202 - 87 61 71
GB	Great Britain	BL4 0LS Bolton	Seddons Plant	+44 - 1204 - 85 46 00
GB	Great Britain	CF24 5EL Cardiff	Aktion Automotive	+44 - 29 - 20 46 46 68
GB	Great Britain	CM9 5FA Essex	Taylor Construction Plant Ltd	+44 - 1621 - 85 07 77
GB	Great Britain	CV21 1PB Warks	BrownPower Eng Ltd	+44 - 1788 - 57 75 75
GB	Great Britain	FK16 6AU Perthshire	Young Plant & Equipment	+44 - 1786 - 84 15 98
GB	Great Britain	GL17 0IA Gloucestershire	Titan Industrial Ltd	+44 - 1452 - 83 18 21
GB	Great Britain	KT19 8JD Surrey	Meetens Industrial Engines	+44 - 845 - 6 34 02 97
GB	Great Britain	LE10 3BP Hinckley, Leics.	HATZ Great Britain Ltd.	+44 - 1455 - 62 21 01
GB	Great Britain	LN1 2LR Lincoln	CG Plant Sales	+44 - 1522 - 70 40 14
GB	Great Britain	LS12 6EP Leeds	W.G. Search Ltd	+44 - 1132 - 79 79 90
GB	Great Britain	LS12 JAJ Leeds	Chippindale Plant Ltd	+44 - 113 - 2 63 23 44
GB	Great Britain	NE4 7AX Newcastle	John Nixon Ltd.	+44 - 191 - 2 26 06 66
GB	Great Britain	NN11 5QJ Northants	Bryco Group Ltd.	+44 - 1327 - 87 61 66
GB	Great Britain	NR31 ONL Great Yarmouth	Prior Diesel Ltd	+44 - 1493 - 44 13 83
GB	Great Britain	PL12 6LX Cornwall	AB Services Ltd.	+44 - 1752 - 84 88 20
GB	Great Britain	SN8 2RN Wiltshire	T.H. White	+44 - 1672 - 51 23 28
GB	Great Britain	SO53 3ZL Eastleigh	Selwood Ltd.	+44 - 23 - 80 26 63 11
GB	Great Britain	ST4 3NX Stoke-on-Trent	Seddons Plant	+44 - 1782 - 59 34 44
GB	Great Britain	TS18 2PF Stockton	John Nixon Ltd.	+44 - 1642 - 67 26 94
GCA	Guatemala	Guatemala, Ciudad	Técnico Mercantil S.A.	+502 - 3 31 41 93, 3 34 34 84,
GH	Ghana	Accra - North	Agria Machinery	+233 - 302 - 22 21 69
GN	Guinea	Conakry	Injelec s.a.r.l.	+224 - 11 22 83 84
GR	Greece	11855 Athens	DIM	+30 - 210 - 3 41 73 63
GUA	Guadeloupe	97176 Abymes Cedex	Assistance 97 Guadeloupe	+590 - 590 47 09 90
GUY	Guyana	97351 Matoury	Assistance 97	+594 - 594 252 - 913
H	Hungary	1165 Budapest	Benaco	+36 - 1 - 4 07 37 34
HK	Hong Kong	. Hong Kong	HD Engineering Ltd.	+852 - 26 75 47 89
HN	Honduras	Tegucigalpa, D.C.	Corporación Comercial, S.A. de C.V.	+504 - 237 - 67 90
HR	Croatia	10000 Zagreb Hrvatska	Diesel Motori d.o.o.	+385 - 1 - 3 46 35 18, 3 46 26 69
I	Italy	10138 Torino	Centro Ricambio	+39 - 011 - 4 55 11 81/ 4 55 12 11
I	Italy	12030 Faule (Cn)	Multidiesel di Barge Ilario	+39 - 338 - 7 19 94 09



HATZ service network

I	Italy	133 Roma	Eros Antonelli S.N.C.	+39 - 06 - 72 65 02 60
I	Italy	14056 Boglietto di Costigliole d'Asti AT	Barbero Andrea	+39 - 0141 - 96 82 93
I	Italy	16100 Genova	Bruzzone Enzo	+39 - 010 - 3 73 93 96
I	Italy	20068 Peschiera Borromeo (MI)	C.S.D. Centro Servizi Diesel S.R.L.	+39 - 02 - 55 303 000
I	Italy	21040 Origgio (VA)	C.M.R. s.n.c. di Bianchi Roberto & C.	+39 - 02 - 96 73 20 62
I	Italy	22046 Erba CO	Miotto Luciano	+39 - 031 - 64 16 73
I	Italy	24050 Orio al Serio BG	Marconi & Caldara	+39 - 035 - 31 25 76 / 077 04 35
I	Italy	25021 Bagnolo Mella (Bs)	Officina Meccanica	+39 - 030 - 68 21 441
I	Italy	29017 Fiorenzuola d'Arda PC	Arduini Luigi di Arduini Armando	+39 - 0523 - 98 26 39
I	Italy	31030 Carbonera (TV)	Centro Ricambi	+39 - 0422 - 69 55 11
I	Italy	33010 Feletto Umberto Tavagnacco Ud.	Ezio Fiorin Eredi di Alberto Fiorin & C.	+39 - 0432 - 57 30 76
I	Italy	33078 San Vito al Tagliamento (PN)	Officina Venaruzzo Antonio	+39 - 0434 - 87 63 77
I	Italy	34015 Muggia TS	Centro Ricambio	+39 - 040 - 23 17 15
I	Italy	35030 Vo	Giuseppe Marcolongo	+39 - 049 - 9 94 06 76
I	Italy	36060 Romano d'ezzelino (VI)	Parolin Enzo	+39 - 0424 - 3 09 75
I	Italy	38010 S. Michele all'Adige TN	Campese S.N.C.	+39 - 0461 - 65 01 69
I	Italy	39100 Bolzano	Officina D'Ambrosio	+39 - 0471 - 20 42 00
I	Italy	40060 Trebbo Di Reno (BO)	Venturoli Lauro	+39 - 051 - 70 02 41
I	Italy	4014 Borgo Vodice (LT)	Dorati Luciano	+39 - 0773 - 85 01 09
I	Italy	41100 Modena (MO)	Centro Ricambi	+39 - 059 - 33 41 10
I	Italy	41122 Modena	HATZ Italia S.R.L.	+39 - 059 - 25 41 29
I	Italy	43100 Parma	Arduini Franco e Figlio S.N.C.	+39 - 0521 - 48 75 66
I	Italy	44043 Marzabotto BO	Lolli F.C.	+39 - 051 - 93 24 41
I	Italy	47023 Cesena (FO)	Domeniconi Egisto Romano & C. S.N.C.	+39 - 0547 - 32 55 13
I	Italy	50053 Empoli (FI)	O.R.M.A. di Niccolai Dino e	+39 - 0571 - 8 03 04
I	Italy	50142 Firenze (FI)	Centro Ricambi	+39 - 055 - 7 32 74 43
I	Italy	5100 Terni	Lamperini Services	+39 - 0744 - 30 62 10
I	Italy	60035 Jesi AN	Cercaci Officina Meccanica	+39 - 0731 - 20 50 46
I	Italy	6061 Castiglione del Lago	Della Giovampaola Danilo	+39 - 075 - 96 52 433
I	Italy	66020 Sambuceto (CH)	CO. GAL. CO. S.R.L.	+39 - 085 - 44 600 55
I	Italy	70123 Bari	Morettauto S.R.L.	+39 - 080 - 50 585 60
I	Italy	70123 Bari	Rettifiche de Palma	+39 - 080 - 5 34 16 38
I	Italy	7026 Olbia SS	Usai Pietrino & C. S.N.C.	+39 - 0789 + 6 94 19
I	Italy	71016 San Severo FG	Ianzano F. LLI Raffaele e Luigi	+39 - 0882 - 33 14 18
I	Italy	73020 Martignano (LE)	Coriano Tomasso Officina Meccanica	+39 - 0832 - 80 10 08
I	Italy	74015 Martina Franca (TA)	Fratelli Cannella SNC	+39 - 080 - 48 552 59
I	Italy	80026 Casoria (NA)	CO. MAC. S.R.L.	+39 - 081 - 7 59 42 76, 7 59 08 00
I	Italy	8100 Nuoro	Lostia Sebastiano	+39 - 0784 - 20 15 26
I	Italy	84069 Roccadaspide (SA)	Sforza Marcello	+ 39 - 0828 - 94 18 34
I	Italy	85043 Latronico PZ	Falabella Egidio	+39 - 0973 - 85 81 41
I	Italy	87036 Rende CS	Viteritti Alfonso	+39 - 0984 - 40 39 36
I	Italy	88074 Crotone	R.A.I.M. S.A.S.	+39 - 0962 - 2 28 69
I	Italy	9034 Elmas CA	De Murtas Antonio & C. S.A.S.	+39 - 070 - 21 61 06
I	Italy	9170 Oristano OR	Pistis Giovanni	+39 - 0783 - 35 70 22
I	Italy	95131 Catania	Coco Gaetano di C. Mario e	+39 - 095 - 53 96 50
I	Italy	97100 Ragusa (RG)	Ricca S.R.L.	+39 - 0932 - 66 74 00

HATZ service network



I	Italy	98071 Capo d'Orlando ME	Motagrind S.D.F. di Mangano & Scarvaci	+39 - 0941 - 90 19 59
IL	Israel	81100 Yavne, Israel	Shatal Engineering Ltd.	+972 - 8 - 9 32 02 20
IND	India	110008 New Delhi	SKL (India) Pvt. Ltd.	+91 - 11 - 25896075
IND	India	400072 Mumbai	SKL (India) Pvt. Ltd.	+91 - 22 - 28 47 66 49
IR	Iran	Tehran	Mr. B. Amyari	+98 - 9123152982
IRL	Ireland	BT36 8BX Mullusk	T.B.F. Thompson	+44 - 2890 - 84 83 71
IRL	Ireland	BT51 5JZ Coleraine	T.B.F. Thompson	+44 - 28 - 29 55 83 53
IRL	Ireland	Dublin	TBF Thompson	+353 - 1 - 4 01 93 00
IS	Iceland	110 Reykjavik	Tækjasalan ehf.	+35 - 4 - 5 67 25 20
J	Japan	364-8511 Saitama	Fuji Heavy Industries Ltd.	+81 - 48 - 5 93 77 82
JOR	Jordan	11118 Amman	Al Ghanem	+962 - 6 - 4 39 51 55
KAZ	Kazakhstan	60009 Atyrau	InterKazService	+7 7122 20 23 05
KSA	Saudi Arabia	21462 Jeddah	Electrical Work & Maintenance	+966 - 2 - 6 91 66 55
KWT	Kuwait	Kuwait	Sabah International	+965 - 4 81 82 43
LT	Lithuania	52367 Kaunas	PLLC MASTERMANN	+370 - 37 - 45 31 55
LV	Latvia	1035 Riga	KONO Ltd.	+371 - 67 - 14 94 25
MA	Morocco	MA-Casablanca	SONACOM	+212 - 5 - 22 24 97 00
MAL	Malaysia	47100 Puchong	Autorex Engineering & Trading	+603 - 80 61 06 68
MAT	Martinique	97232 Le Lamentin	Assistance 97	+596 - 5 96 50 30 00
MAW	Malawi	3 Blantyre	Engineering and Foundry	+2651 - 671241/672028
MEX	Mexico	C.P. 66477 Mexico	MAQRO S.A. de C.V.	+52 - 81 - 81 31 20 00
MOC	Mozambique	Maputo	ABC Trading Lda.	+258 - 21 - 30 92 79
MV	Maldives	Male	MA Services Pvt. Ltd.	+960 - 3 31 09 35
N	Norway	192 Oslo	HydEl Consult A/S	+47 - 22 - 57 21 17
N	Norway	4870 Fevik	Industrimotor AS	+47 - 37 - 09 16 00
NAM	Namibia	Windhoek	ConServ Engineering Services C.C.	+264 - 61 - 23 63 36
NL	Netherlands	3311 JC Dordrecht	Machinefabriek Dolderman BV	+31 - 78 - 6 13 82 77
NL	Netherlands	4104 AE Culemborg	HATZ Nederland BV	+31 - 345 - 47 00 40
NL	Netherlands	8013 NE Zwolle	Janal Engineering BV	+31 - 38 - 4 60 22 00
NL	Netherlands	9301 ZV Roden	Ausma Motorenrevisie B.V.	+31 - 50 - 5 01 60 28
NZ	New Zealand	Auckland, New Zealand	Youngman, Richardson and Co. Ltd.	+64 - 9 - 4 43 24 36
OM	Oman	Al-Mawaleh South, Al-Seeb	INMA CO. OMAN LLC	00968 24552455
P	Portugal	2625 Lisboa	Pinto & Cruz, Limitada	+351 21 7 11 21 00
P	Portugal	4103-801 Porto Codex	Pinto & Cruz, Limitada	+351 - 22 - 6 15 05 58
PA	Panama	Panamá 5	Dimar, S.A.	+507 - 2 29 14 44
PE	Peru	Lima - ATE	OR MAQUINARIAS S.A.C.	0051 1 719 0359
PL	Poland	03-046 Warszawa	Full Sp. Z o.o.	+48 - 22 - 8 19 40 40
PL	Poland	30-732 Krakow	Wakbud Sp. Z o.o.	+48 - 12 - 6 53 25 37
PL	Poland	41-803 Zabrze	Wobis	+48 - 32 - 2 75 32 26
PL	Poland	55-010 Zerniki Wroclawskieawskie	Maszyny Budowlane "JAS"	+48 - 89 - 5 34 59 74
PL	Poland	84-122 Zelistrzewo	E.M.A. Hochschulz S.C.	+48 - 58 - 6 73 60 80
PL	Poland	85-758 Bydgoszcz	Technet S.C.J.	+48 - 52 - 3 70 70 90
PL	Poland	95-100 Zgierz	Broker - Serwis	+48 - 42 - 7 16 65 04
PNG	Papua New G.	2164 Smithfield NSW	please contact:	+61 - 2 - 8788 7999
Q	Qatar	Doha	INMA Company - Qatar L.L.C.	+974 - 4 - 43 00 88
RA	Argentina	S 2252 BMR Galvez (Santa Fé)	Bounous Hnos S.A.	+54 - 3404 - 48 16 10



HATZ service network

RB	Botswana	Gabarone	Orbit Pumps (Botswana) (Pty.) Ltd.	+267 - 397 49 26
RC	Taiwan	768441 Singapore	EquipSource Pte Ltd	+65 - 67 59 22 96
RCB	Congo	3689 Kinshasa-Gombe	Bureau Technique BIA sprl	+243 - 81 - 1 60 23 95
RCH	Chile	Santiago	Tecnica de Maquinarias Ltda.	+56 - 2 - 7 82 92 75
REU	Réunion	97461 St. Denis Cedex	Société FOUCQUE S.A.	+262 - 48 87 87
RH	Haiti	HT-8110 Haiti	Les Ateliers - Ecole de Camp-Perrin	+509 - 286 00 52 / 1280
RI	Indonesia	768441 Singapore	Please contact our agent in Singapore	+65 - 67 59 22 96
RIM	Mauritania	Nouakchott	SODEQ S.A.	+222 - 5 25 47 30
RL	Lebanon	1102-2070 Beirut	Nagib Baki & Sons	+961 - 1 - 36 52 62
RM	Madagascar	Tananarive	Société Ameca	+261 - 20 - 2 22 30 16
RMM	Mali	Bamako	Dupé S.A.	+223 - 2 21 52 30
RO	Romania	12051 Bucharest	Fland Gruppe srl.	+40 - 21 - 3 36 11 30/ -50
ROK	Korea	150-972 Seoul-Youngdeungpo-Gu	U-YOUNG INDUSTRIAL CO.LTD.	+82-2-3439-1611
ROU	Uruguay	12900 Montevideo	Bromberg y Cia. S.A.	+598 - 2 - 3 55 77 70
RP	Philippines	Quezon City	M & W Distributing Co. Inc.	+63 - 2 - 3 71 19 36
RS	Serbia	11120 Beograd	IWE d.o.o.	+381 - 11 2 76 65 65
RT	Togo	- Lomé	Togomat S.A.	+228 - 27 23 95
RU	Burundi	Bujumbura	Metalubia	+257 - 22 - 23 30
RUS	Russia	129336 Moscow	<-Stend> ltd	+7 - 495 - 4 74 60 31
RUS	Russia	193315 Sankt-Petersburg	MKSМ-Servis Spb	+7 - 812 - 309 03 80
RUS	Russia	346405 Nowotscherkassk	AUTOENERGIESYSTEME	+7 - 8635 - 23 42 91
RUS	Russia	390028 Ryazan	PromDizel Limited Corp.	+7 - 4912 - 33 24 45
RUS	Russia	628404 Surgut	MKSМ - Servis Surgut	+7 - 3462 - 67 33 06
RUS	Russia	640007 Kurgan	Ural-Hatz-Diesel	+7 - 3522 - 54 54 50
S	Sweden	13650 Haninge	Swedmotor AB	+46 - 8 - 50 01 21 40
S	Sweden	17239 Sundbyberg	Dixner & Co AB	+46 - 8 - 29 12 03
S	Sweden	21376 Malmö	Elektro-Diesel Autoservice AB	+46 - 40 - 21 03 65
S	Sweden	23236 Ärlöv	MT Service AB	+46 - 40 - 43 73 65
S	Sweden	34013 Hamneda	Sjödahls Repservice	+46 - 372 - 5 40 76
S	Sweden	37182 Karlskrona	S. Jeppson AB	+46 - 455 - 38 80 00
S	Sweden	58112 Linköping	Branzells elektro-diesel ab	+46 - 13 - 31 09 00
S	Sweden	59892 Vimmerby	Mek & Maskin	+46 - 496 - 4 02 40
S	Sweden	63346 Eskilstuna	Larssons Motor AB	+46 - 16 - 13 60 04
S	Sweden	65110 Karlstad	Branzells elektro-diesel ab	+46 - 54 - 85 29 00
S	Sweden	65111 Karlstad	Värm-dal Maskin AB	+46 - 54 - 13 77 00
S	Sweden	67141 Arvika	Arvika Bil El	+46 - 570 - 71 15 90
S	Sweden	67222 Årjäng	Myrvolds Maskin	+46 - 573 - 1 30 52
S	Sweden	70140 Örebro	Branzells elektro-diesel ab	+46 - 19 - 27 40 00
S	Sweden	72137 Västerås	Branzells elektro-diesel ab	+46 - 21 - 81 03 10
S	Sweden	83148 Östersund	Siljeströms Motorrenovering AB	+46 - 63 - 10 60 70
S	Sweden	85751 Sundsvall	LHS Maskiner	+46 - 60 - 57 72 20
S	Sweden	89495 Moliden	Flärke Kojsservice AB	+46 - 660 - 9 11 42
S	Sweden	90586 Umeå	Larsson Maskin AB	+46 - 90 - 14 73 30
S	Sweden	93621 Boliden	BPA Industriteknik AB	+46 - 910 - 77 42 15
S	Sweden	98138 Kiruna	Truck & Maskin AB Kiruna	+46 - 980 - 1 50 20
S	Sweden	98222 Gällivare	Holmgrens Truck & Motor	+46 - 970 - 1 45 40

HATZ service network



SGP	Singapore	768441 Singapore	EquipSource Pte Ltd	+65 - 67 59 22 96
SK	Slavakia	91501 Nové Mesto n/V.	OTS Bratislava, spol. s.r.o.	+421 - 032 - 77 15 49 7
SLO	Slovenia	2000 Maribor	VZDRZEVANJE NEJC, D.O.O.	+386 - 2 - 420 11 98
SME	Suriname	Paramaribo	Meindertsma Surinam N.V.	+597 - 40 46 94, 40 33 88
SN	Senegal	Dakar	MATFORCE	+221 - 33 - 839 95 00
SYR	Syria	- Damascus	Electromechanical Equipment	+963 - 11 - 2 21 39 55 / 2 21 56 78
TAH	Tahiti	98701 Arue	Ets. Dieumegard	+689 - 6 89 42 32 38
THA	Thailand	10120 Bangkok	General Diesel (Thailand) Co. Ltd.	+662 - 2 94 08 75 - 6, 2 84 08 28
TN	Tunesia	1001 Tunis	S.I.A Ben Djemaa & Cie	+216 - 71 24 25 66
TN	Tunesia	3000 Sfax	S.I.A Ben Djemaa & Cie	+216 - 74 40 84 09
TR	Turkey	34852 Maltepe Istanbul Turkey	Efes Makina Sanayi ve dis Ticaret Ltd. STI	+90 - 216 - 3 67 35 75
TT	Trinidad and Tob.	San Fernando	Electrodiesel & Co. Ltd.	+1 - 868 - 652 - 37 10
UA	Ukraine	1034 Kiev	ERA - Engineering Remake Aggregate	+380 - 44 - 5 99 16 44
UAE	United Arab. Em.	Dubai	INMA	+971 - 4 - 2 85 72 72
USA	United States	WI 53187-0258 Waukesha	HATZ Diesel of America, Inc.	+1 - 262-544-0254
UZB	Uzbekistan	Tashkent	Kartash Service	+998 - 7 11 33 57 59
VN	Vietnam	768441 Singapore	Please contact our agent in Singapore	+65 - 67 59 22 96
WAL	Sierra Leone	Freetown	Joe Tech	+232 - 77 - 23 21 72
WAN	Nigeria	- Lagos	A1 Multi Services Limited	+234 - 1 - 7 21 67 21
YAR	Rep. of Yemen	Sana'a	Al Mahtadi & Abo-Miskah Co. Ltd.	+967 - 1 - 22 47 66, 22 25 29
YV	Venezuela	Caracas	Maquinarias Larraq, C.A.	+58- 212 - 9 44 16 31 / 9 44 56 29
ZA	South Africa	3630 Westville	Hatz Diesel (S.A.) Pty. Ltd. Durban	+27 - 31 - 7 00 48 38
ZA	South Africa	Bloemfontein	CPR Maintenance CC	+27 - (0)51 - 4 47 96 18
ZA	South Africa	Capetown	Compaction & Industrial Equipment C.C.	+27 - (0)21 - 9 49 77 67
ZA	South Africa	Edenvale	Hatz Diesel (S.A.) Pty. Ltd.	+27 - 11 - 5 74 09 00
ZA	South Africa	Port Elizabeth	S & K Diesels cc	+27 - 41 - 5 83 37 80
ZW	Zimbabwe	Harare	R & S Diesel Pro Services (Pvt.) Ltd.	+26 - 34 33 15 59

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

Z90b

Kraftstoffdoppelfilter umschaltbar - DNV
 Double fuel filter reversible - DNV
 Double filtre á carburant réversible - DNV
 Geminado filtro de combustible conmutable - DNV
 Dublice filtro de combustibile reversibile - DNV

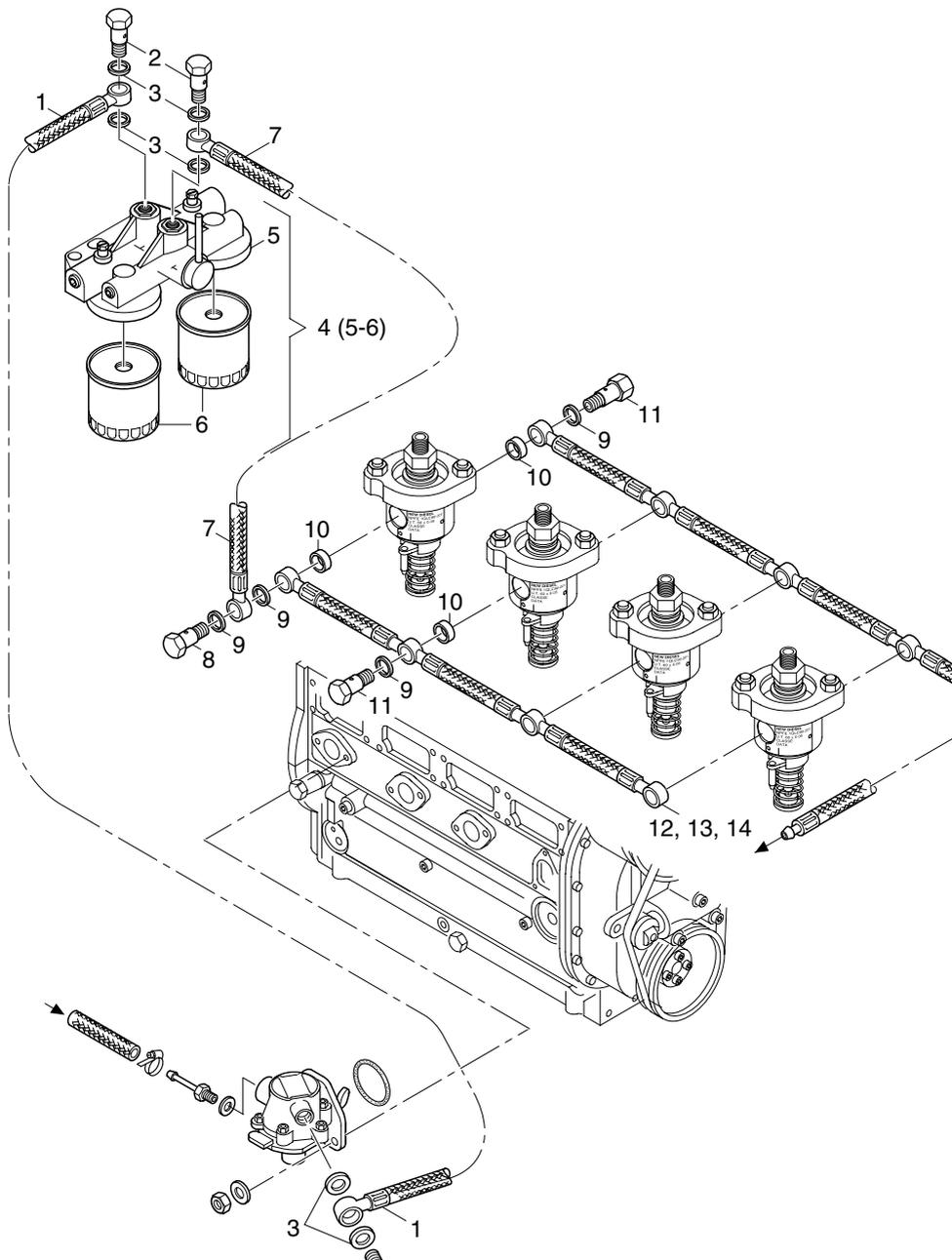


Fig.- No.	HATZ Ident-No.	Stück Qty.			W d / D	Bemerkungen Notes
		2L41 C	3L41 C	4L41 C		
1	0000 019 330 00	1	1	1		1110 mm
2	0000 500 064 00	2	2	2		10-3 DIN 7643
3	0000 500 012 00	6	6	6		A 14 x 18 DIN 7603-Cu
4	0000 503 622 00	1	1	1		
5	-----	-	-	-		
6	0000 502 515 00	2	2	2		Filter
7	0000 019 328 00	1	1	1		1495 mm
8	0000 053 324 00	1	1	1		M 12 x 1
9	0000 042 336 02	5	7	9		12,1 x 15,5 x 1,5
10	0000 042 337 01	4	6	8		12,1 x 15,5 x 5
11	0000 505 553 01	4	6	8		
12	0000 019 266 00	1	-	-		136 mm
13	0000 019 267 00	-	1	-		272 mm
14	0000 019 268 00	-	-	1		408 mm

Z90c

Öldoppelfilter umschaltbar - DNV

Double oil filter reversible - DNV

Double filtre à huile réversible - DNV

Geminado filtro de aceite conmutable - DNV

Dublice oil filter reversibile - DNV

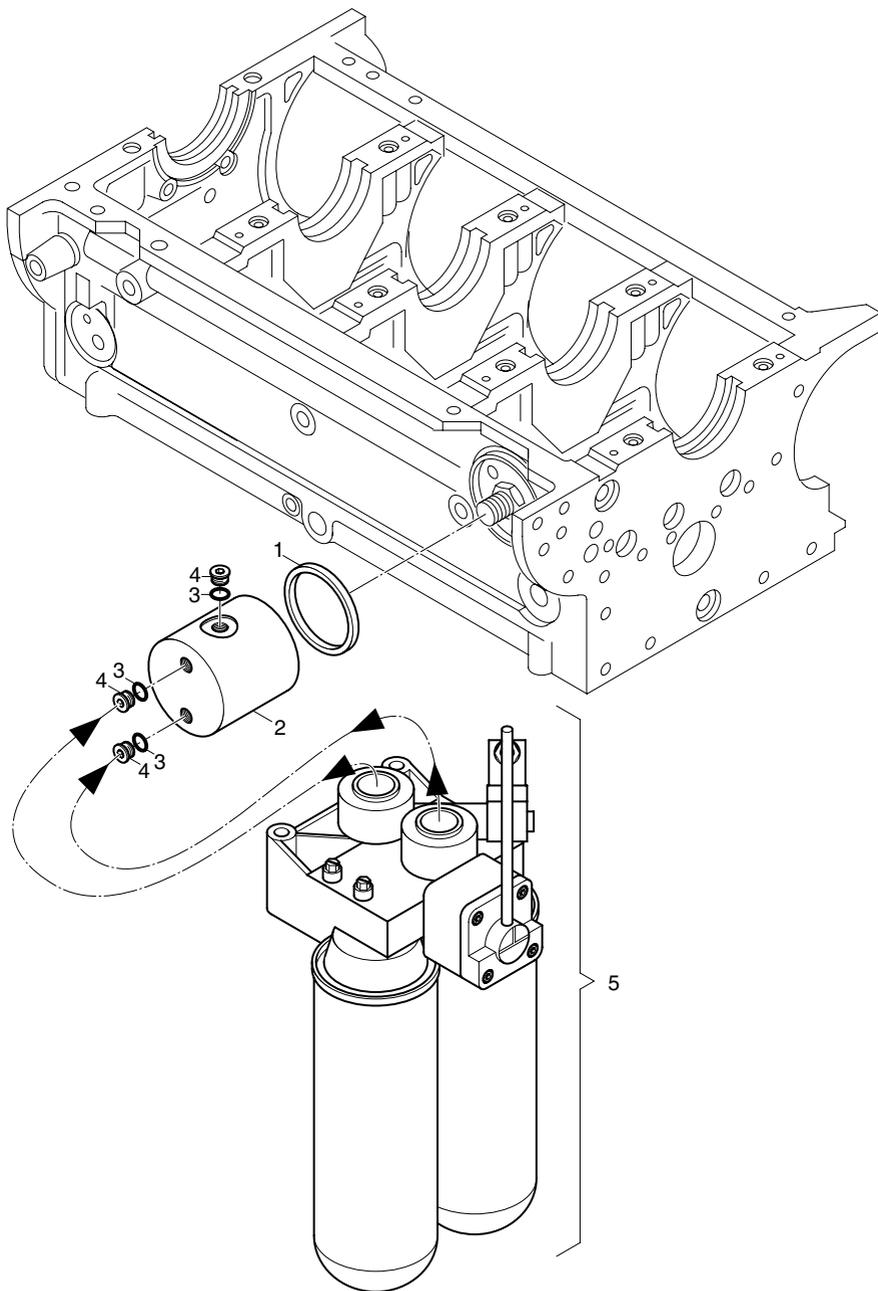


Fig.- No.	HATZ Ident-No.	Stück Qty.			W d / D	Bemerkungen Notes
		2L41 C	3L41 C	4L41 C		
1	0000 503 263 00	1	1	1		
2	0000 039 255 00	1	1	1		
3	0000 500 015 00	3	3	3	A 21 x 26 DIN 7603 - Cu	
4	0000 502 315 00	3	3	3	R1/2" DIN 908 - 5.8 A3C	
5	0000 505 792 00	1	1	1		

Z90d

Kraftstoffdruckrohr - DNV
 Fuel pressure pipe - DNV
 Tube de pression - DNV
 Tubo de presion - DNV
 Tubo de compressione - DNV

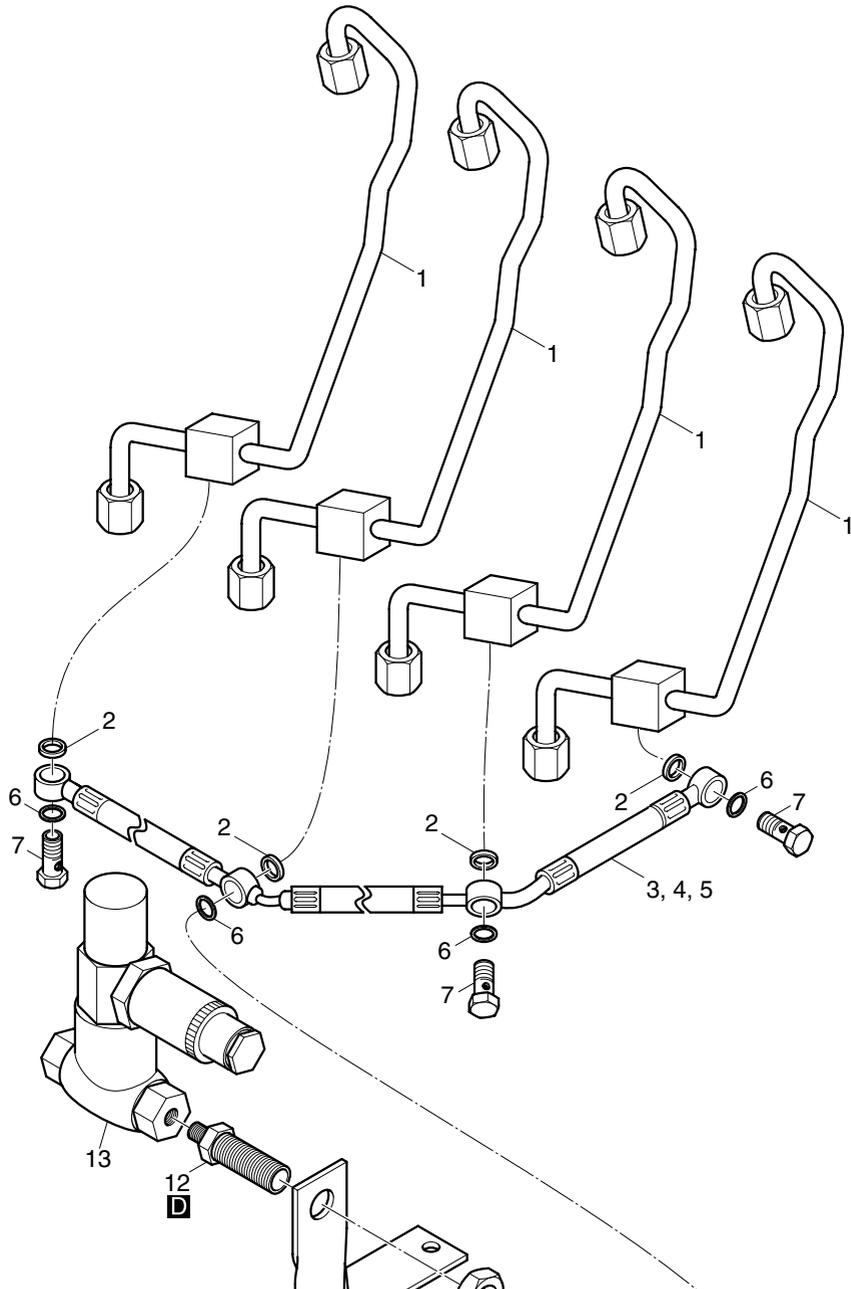


Fig.- No.	HATZ Ident-No.	Stück Qty.			W d / D	Bemerkungen Notes
		2L41 C	3L41 C	4L41 C		
1	0000 018 936 02	2	3	4		
2	0000 038 059 00	2	3	4		10,2 x 14 x 2,5
3	0000 019 182 00	1	-	-		
4	0000 019 184 00	-	1	-		
5	0000 019 185 00	-	-	1		
6	0000 500 624 00	3	4	5		A 10 x 13,5 DIN 7603-Cu
7	0000 500 062 00	1	2	3		6 - 3 DIN 7643
8	0000 505 524 00	1	1	1		M 10 x 1
9	0000 019 331 00	1	1	1		1395 mm
10	0000 505 839 00	1	1	1		M 16 x 1,5
11	0000 053 264 01	1	1	1		
12	0000 053 323 00	1	1	1		
13	0000 505 807 00	1	1	1		

Z90e

Kraftstoffvorfilter - DNV
 Pre fuel filter - DNV
 Prefiltre carburant - DNV
 Antefiltro combust. - DNV
 Pre filtro carburante - DNV

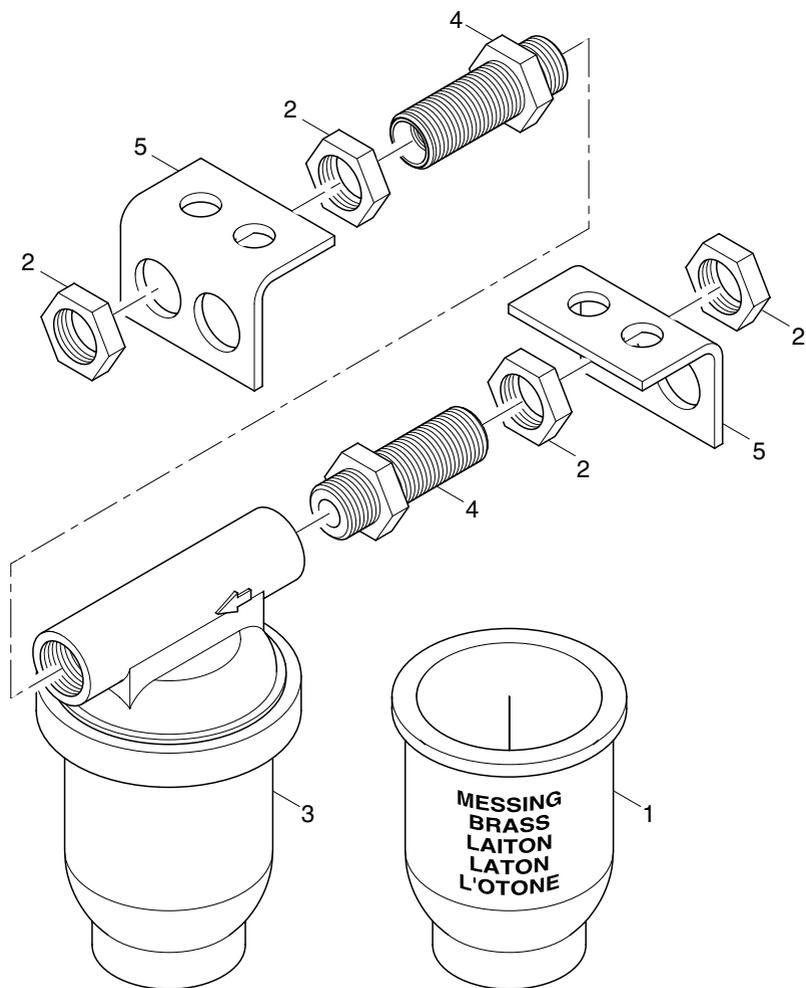


Fig.- No.	HATZ Ident-No.	Stück Qty.			W d / D	Bemerkungen Notes
		2L41 C	3L41 C	4L41 C		
1	0000 505 818 00	1	1	1		
2	0000 505 839 00	4	4	4		M 16 x 1,5
3	0000 505 808 00	1	1	1		
4	0000 053 323 00	2	2	2		
5	0000 053 260 10	2	2	2		

Z90f

Armaturen, Leitungen - DNV
 Electric equipment, wirings - DNV
 Equipement électrique, cable - DNV
 Quadro de mando, cables - DNV
 Cruscotto, cablaggio - DNV

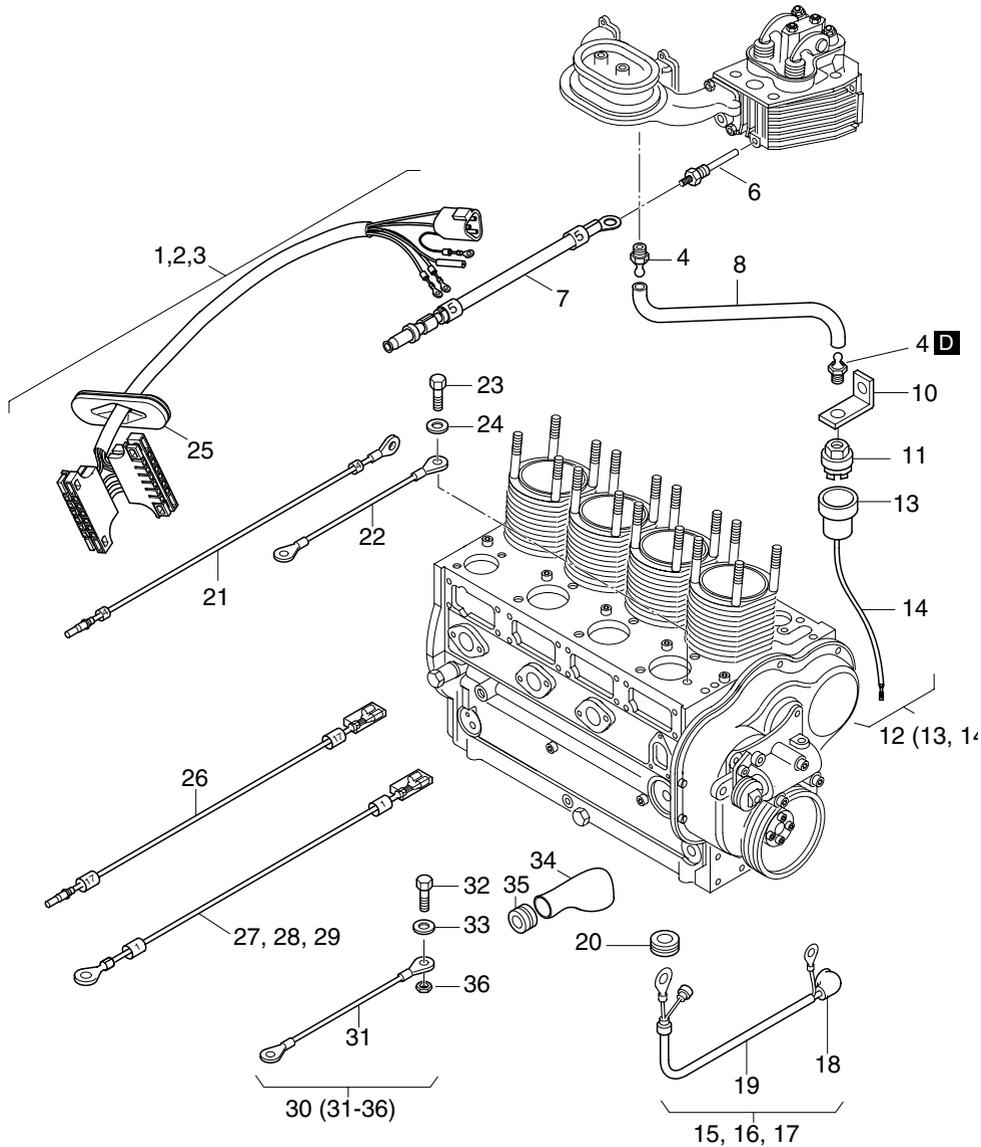


Fig.- No.	HATZ Ident-No.	Stück Qty.			W d / D	Bemerkungen Notes
		2L41 C	3L41 C	4L41 C		
1	0000 019 134 00	1	-	-		DNV
2	0000 019 138 00	-	1	-		DNV
3	0000 019 139 00	-	-	1		DNV
4	0000 501 667 00	2	2	2		
6	0000 502 686 00	1	1	1		TEMP. 12-24V
7	0000 019 481 01	1	1	1		(5)
8	0000 034 811 10	1	1	1		4,5 x 520
10	0000 036 936 11	1	1	1		
11	0000 501 676 00	1	1	1		
12	0000 019 477 00	1	1	1		
13	0000 503 461 00	1	1	1		
14	-----	-	-	-		
15	0000 019 483 00	1	-	-		
16	0000 019 484 00	-	1	-		
17	0000 019 485 00	-	-	1		
18	0000 400 266 00	1	1	1		
19	-----	-	-	-		
20	0000 501 585 00	1	1	1		
21	0000 019 480 00	1	1	1		(4)
22	0000 019 478 00	1	1	1		200 mm
23	0000 500 267 00	1	1	1		M 8 x 16 DIN 933 - 8.8
24	0000 501 481 00	1	1	1		8,4 DIN 125-St A3C
25	0000 039 931 00	1	1	1		
26	0000 019 482 00	1	1	1		(17)
27	0000 019 513 00	1	-	-		(1)
28	0000 019 515 00	-	1	-		(1)
29	0000 019 516 00	-	-	1		(1)
30	0000 019 479 00	1	1	1		
31	-----	-	-	-		
32	0000 504 003 00	1	1	1		M 8 x 40 DIN 933-MS
33	0000 501 799 00	1	1	1		J 8,4 Zn DIN 6997 A3C
34	0000 400 266 00	1	1	1		
35	0000 050 687 00	1	1	1		
36	0000 500 230 00	1	1	1		M 8 DIN 934-MS