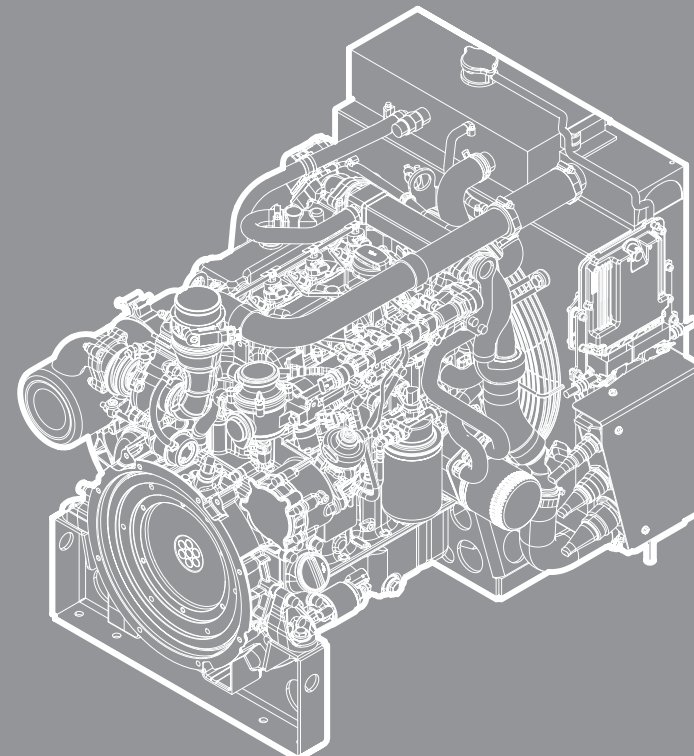


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marketing@hatz-diesel.de
www.hatz-diesel.com

CREATING POWER SOLUTIONS.



4H50TI | 4H50TIC | 4H50TICD

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

Hatz Service

0000 437 001 05
34 - 10 .2020 - 0.5

Printed in Germany

We reserve the right to make all
changes that serve technical
development.



CREATING POWER SOLUTIONS.

www.HATZ-DIESEL.com



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

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

EMISSION CONTROL INFORMATION	
MOTORENFABRIK HATZ 德KG · D-94099 RÜHSTORF	
ENG. FAM.	MADE IN GERMANY mm ³ /h
TYPE / SPEC. / FDT	
①	
SERIAL NO.	Liter / PV
②	
MIN ⁻¹	NH / KW BUILD DATE
③	
<small>This engine conforms to MW U.S. EPA regulations large nominal compression-ignition engines and MW California regulation for off-road compression-ignition engines. Refer to Owner's manual for maintenance specifications and adjustments.</small>	
EC-TYPE NO.	
<input type="checkbox"/> CONSTANT-SPEED ONLY <input type="checkbox"/> VARIABLE SPEED	

Nearest HATZ service station:

Nächste HATZ-Servicestelle:

Station-service HATZ la plus proche:

Servicio HATZ más cercano:

Più vicino centro di servizio HATZ: www.hatz-diesel.com

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

4 H 50 TI .13 □ (161 13)
4 H 50 TIC .15 □ (136 15)
4 H 50 TICD .10 □ (165 10)



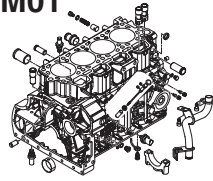
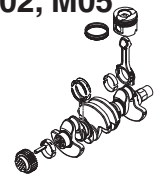
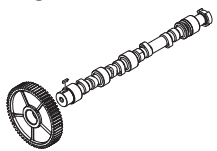
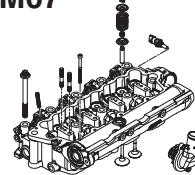
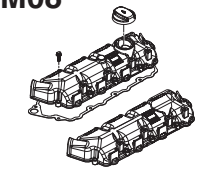
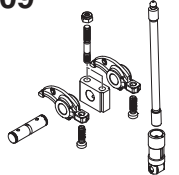
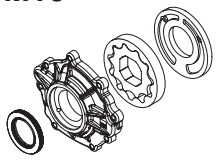
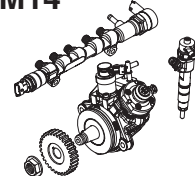
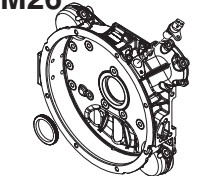
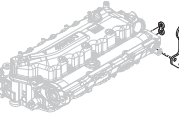
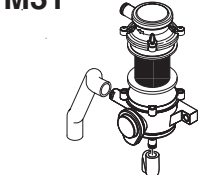
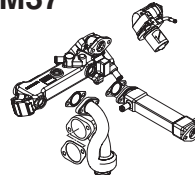
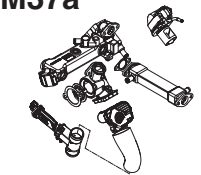

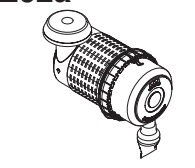

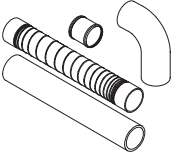
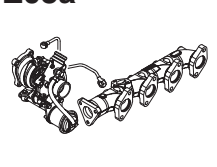
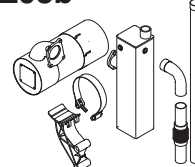
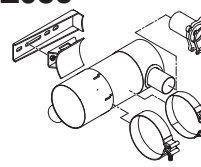
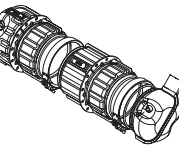
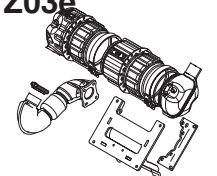
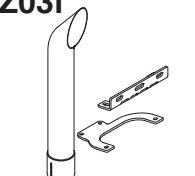
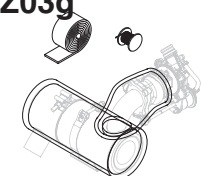
Example: / Beispiel: / Exemple: / Ejemplo: / Esempio: **136 14 18 123456**

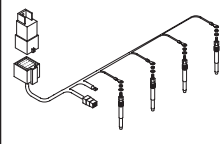
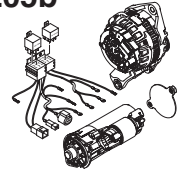
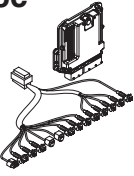
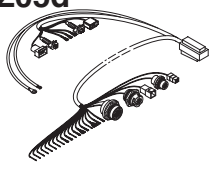
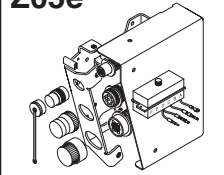
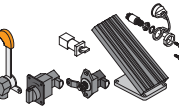
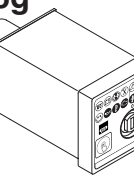
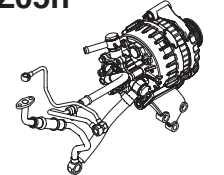
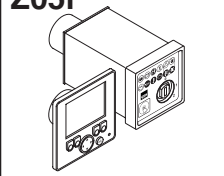
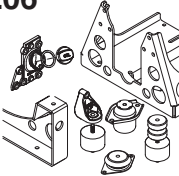
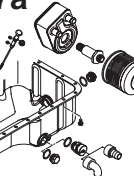
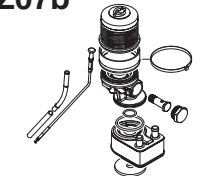
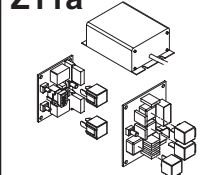
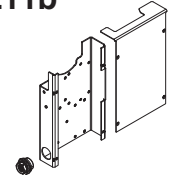
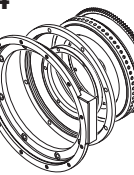
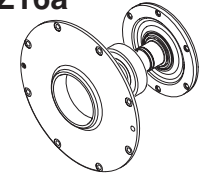
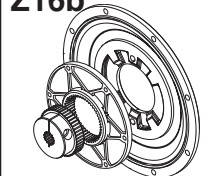
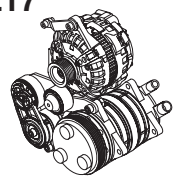
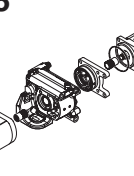
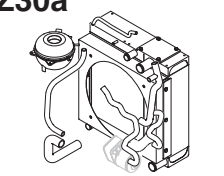
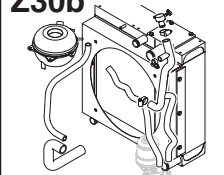

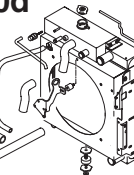
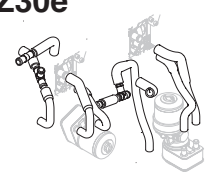
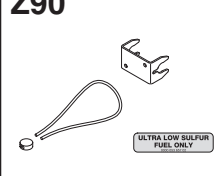
Engine type No. | Engine series | Prod. year | Consecutively number

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.

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.

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.

M00 	M34  <small>THIS ENGINE IS SOLELY FOR EXPORT AND IS THEREFORE EXEMPT UNDER 40 CFR 1082.230 FROM U.S. EMISSION STANDARDS AND RELATED REQUIREMENTS. 0883040101100 HATZ Motorenfabrik Hatz GmbH © Co. Ltd.</small>	M01 	M02, M05 
M04 	M07 	M08 	M09 
M10 	M14 	M26 	M30 
M31 	M37 	M37a 	
Z01a 	Z02a 	Z02b 	Z02c 
Z03a 	Z03b 	Z03c 	Z03d 
Z03e 	Z03f 	Z03g 	

Z05a 	Z05b 	Z05c 	Z05d 
Z05e 	Z05f 	Z05g 	Z05h 
Z05i 	Z06 	Z07a 	Z07b 
Z11a 	Z11b 	Z14 	Z16a 
Z16b 	Z17 	Z18 	Z30a 
Z30b 	Z30c, Z08 	Z30d 	Z30e 
Z90  <small>ULTRA LOW SULFUR FUEL ONLY</small>			

MOO

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

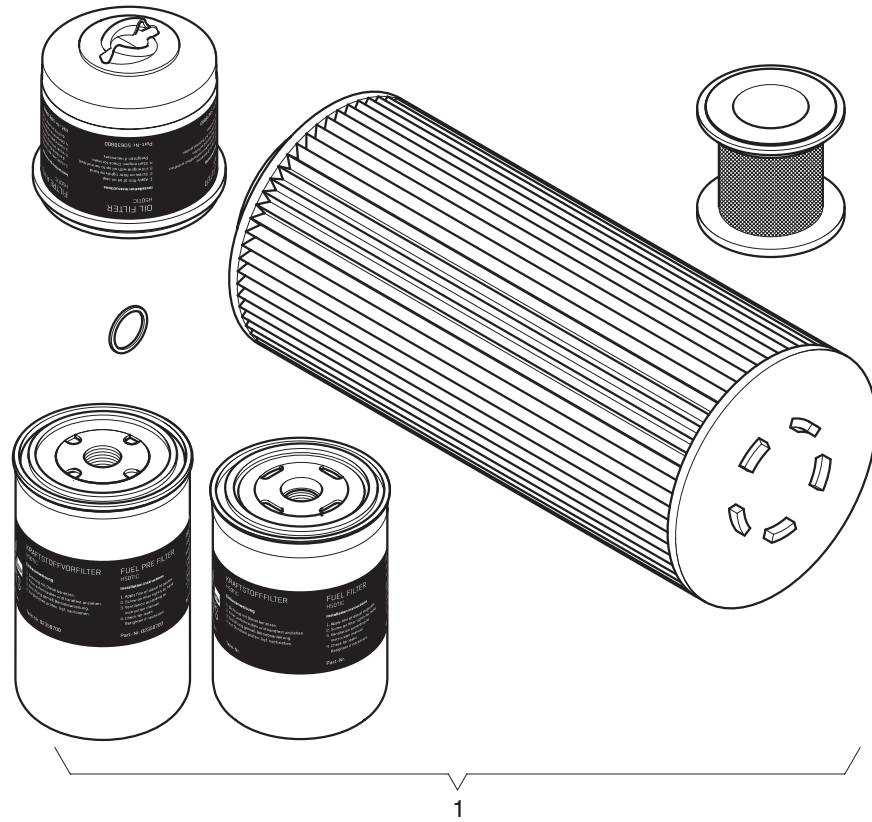


Fig.- No.	HATZ Ident-No.	Qty. Stück			W d / D	Notes Bemerkungen
		4H50TI	4H50TIC	4H50TICD		
1	0000 024 040 00	1	1	1		500h / 2 years
2	0000 506 383 00	1	1	1		2 years

Accessories
Zubehör
Accessoires
Accessorios
Kit accessori

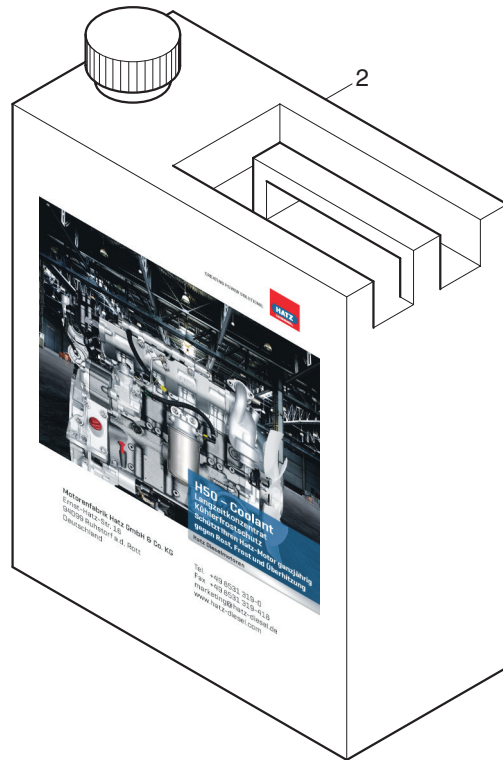
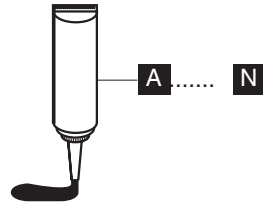
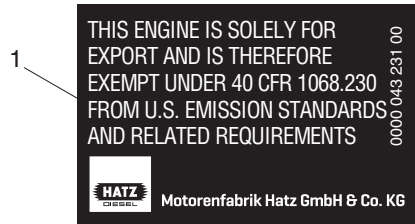


Fig.- No.	HATZ Ident-No.	Qty. Stück			W d / D	Notes Bemerkungen
		4H50TI	4H50TIC	4H50TICD		
1	0000 043 231 00	1	1	1		
2	0000 055 413 00	1	1	1	Coolant 5L	

Sealing- and bonding adhesives
Dicht- und Klebstoffe
Etanchéifiant et Colle

Materias para empaquetar y pegar
Adesivi e collanti

A = 0000 502 230 01	Loctite Activator N	500 ml	} as specified in the individual tables } siehe Hinweis auf den einzelnen } Bildtafeln } 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 700 189 18	Loctite 243	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	
N = 0000 700 218 15	Loctite 5910	300 ml	

M01

Crankcase
Kurbelgehäuse
Carter moteur
Caja cigueñal
Basamento motore

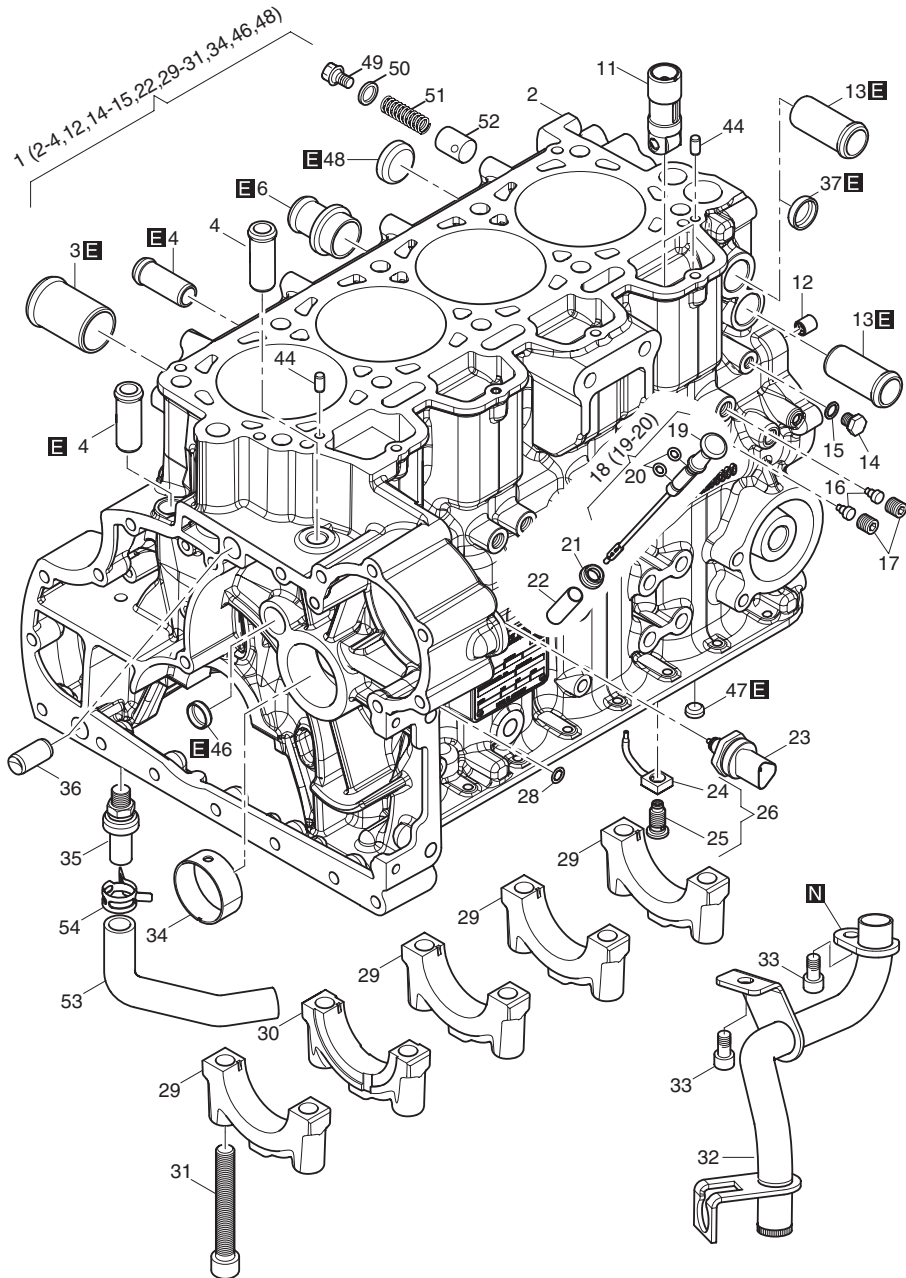


Fig.- No.	HATZ Ident-No.	Qty. Stück			W d / D	Notes Bemerkungen
		4H50TI	4H50TIC	4H50TICD		
1	0000 020 533 20	1	1	1		
2	-----	-	-	-		
3	0000 042 974 00	1	1	1	Ø32	
4	0000 042 955 00	3	3	3	Ø16	
6	0000 043 091 00	-	1	1	Ø28	
11	0000 020 320 00	8	8	8		
12	0000 042 953 00	1	1	1		
13	0000 042 976 00	2	1... 2	0... 2	Ø22	
14	0000 501 379 00	1	1	1	M 8 x 1 DIN 7604	
15	0000 500 009 00	1	1	1	A 8 x 11,5 DIN 7603-Cu	
16	0000 042 954 10	8	8	8	Ø6,0	
17	0000 506 274 01	8	8	8	M 10 x 10 DIN 913 45H-VZ	
18	0000 020 335 00	1	1	1		
19	-----	-	-	-		
20	0000 400 220 00	2	2	2	5 x 2	
21	0000 040 845 00	1	1	1		
22	0000 042 991 00	1	1	1		
23	0000 506 337 00	1	1	1		
24	-----	-	-	-		
25	-----	-	-	-		
26	0000 020 318 00	4	4	4		
27	0000 500 011 00	-	-	1	A 12 x 15,5 DIN 7603-Cu	
28	0000 400 663 00	2	2	2	Ø7,3 X 2,4	
29	-----	-	-	-		
30	-----	-	-	-		
31	0000 506 275 00	10	10	10	M12 X 85 DIN 912-10.9	
32	0000 020 625 01	1	1	1		
33	0000 500 516 00	2	2	2	M 8 X 16 DIN 912-8.8	
34	0000 043 370 00	2	2	2		
35	0000 043 109 00	2	2	2	M 12 X 1,5 Ø14	
36	0000 506 325 00	2	2	2	14 M6 X 28 DIN 6325geh.	
37	0000 503 458 00	-	0... 1	0... 1	22 DIN 443	
44	0000 506 452 00	2	2	2	6 M6X12 DIN6325	
46	0000 500 431 00	1	1	1	Ø18 DIN 443	
47	0000 042 876 00	1	1	1	Ø12	
48	0000 504 828 00	5	4	4	Ø28 DIN 443-ST A3B	
49	0000 500 442 00	1	1	1	M 18 x 1,5 DIN 910	
50	0000 500 014 00	1	1	1	A 18 x 22 DIN 7603 - Cu	
51	0000 036 399 00	1	1	1	Ø1,5	
52	0000 036 398 00	1	1	1		
53	0000 043 430 00	1	1	1		
54	0000 506 766 00	1	1	1	Ø 20-21,6	

M02, M05

Crankshaft, piston, conrod
 Kurbelwelle, Kolben, Pleuel
 Vilebrequin, piston, bielle
 Cigüeñal, Embolo, biela
 Albero a gomito , pistone, biella

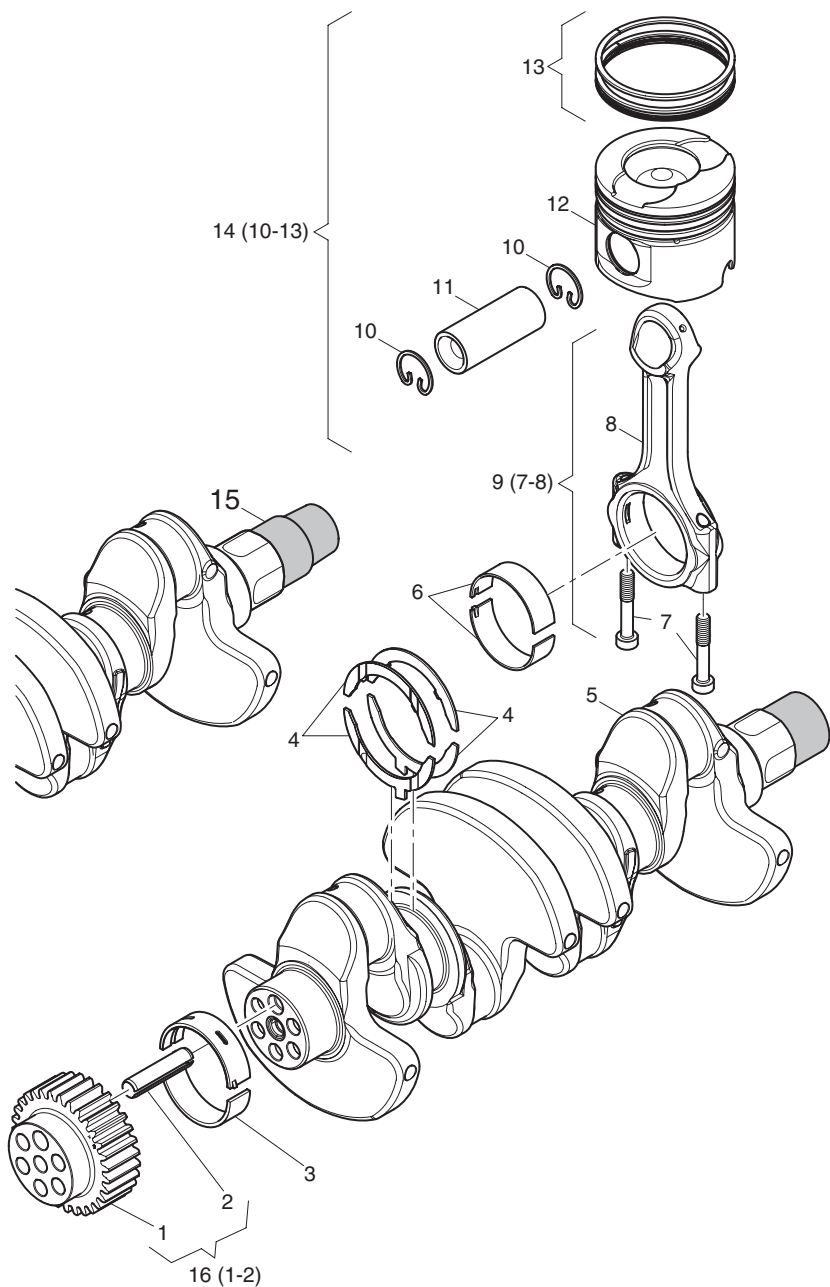


Fig.- No.	HATZ Ident-No.	Qty. Stück	W d / D	Notes Bemerkungen
		4H50TI	4H50TIC	4H50TICD
1	-----	-	-	-
2	0000 506 308 00	1	1	1
3	0000 023 991 00	5	5	5
4	0000 023 992 00	2	2	2
5	0000 043 254 01	1	1	1
6	0000 023 993 00	4	4	4
7	0000 043 021 00	8	8	8
8	-----	-	-	-
9	0000 020 358 01	4	4	4
10	0000 500 207 00	8	8	8
11	-----	-	-	-
12	-----	-	-	-
13	-----	-	-	-
14	0000 020 353 00	4	4	4
14	0000 020 354 00	4	4	4
15	0000 043 351 00	0... 1	0... 1	0... 1
16	0000 025 873 00	1	1	1

12x50 1FASE ISO 13337
 without cone
 M8X1X47-12.9
 J 28 x 1,2 DIN 472
 +0,5mm
 with cone

M04

Camshaft
 Nockenwelle
 Arbre à cames
 Arbol de levas
 Albero a camme

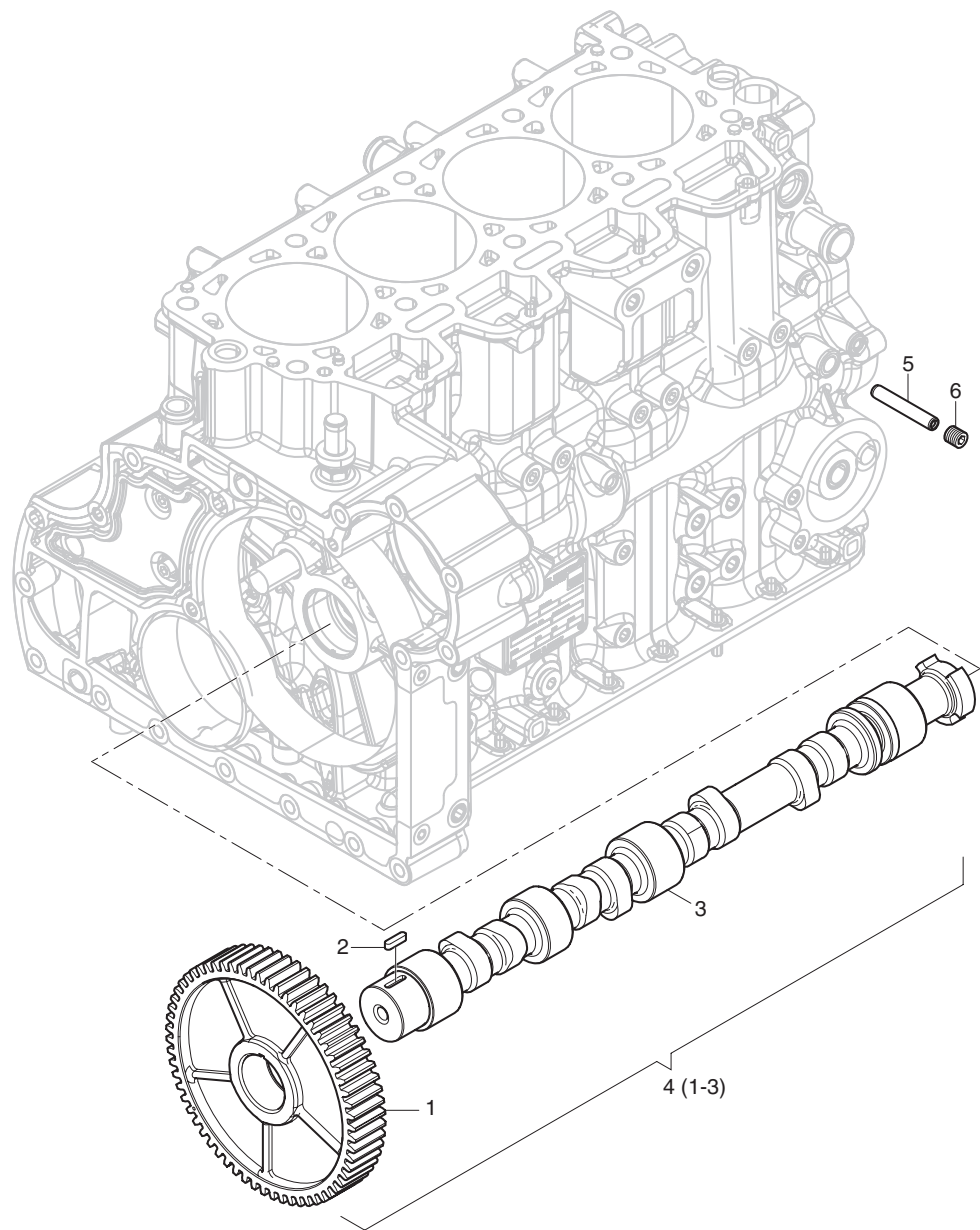


Fig.- No.	HATZ Ident-No.	Qty. Stück			W d / D	Notes Bemerkungen
		4H50TI	4H50TIC	4H50TICD		
1	0000 042 986 00	1	1	1		
2	0000 506 366 00	1	1	1	4 X 4 X 16	
3	-----	-	-	-		
4	0000 020 334 02	1	1	1		
5	0000 506 297 00	1	1	1	8 x 50	
6	0000 506 274 01	1	1	1	M 10 x 10 DIN 913 45H-VZ	

Cylinder head
Zylinderkopf
Culasse
Culata
Testa

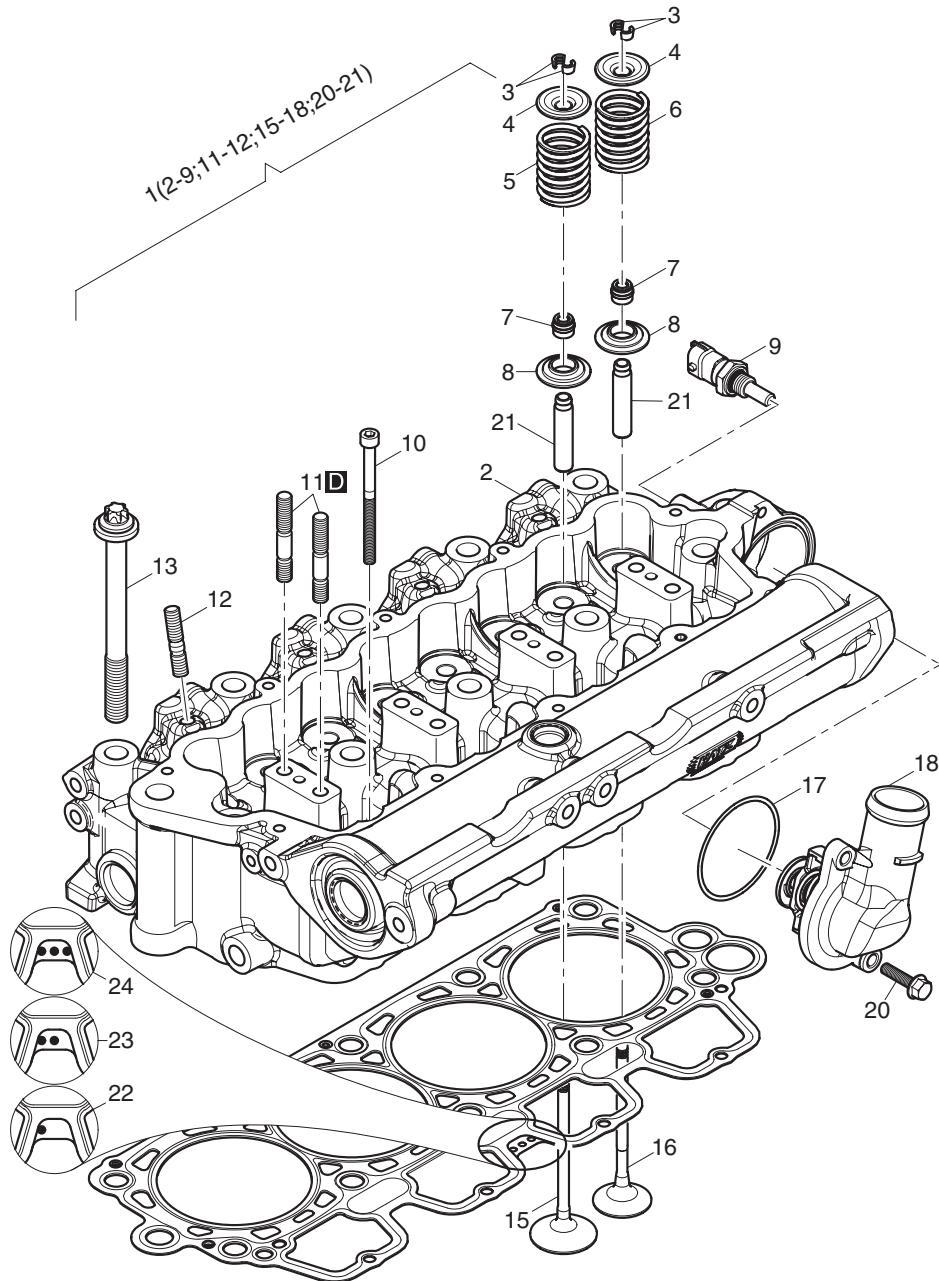


Fig.- No.	HATZ Ident-No.	Qty. Stück			W d / D	Notes Bemerkungen
		4H50TI	4H50TIC	4H50TICD		
1	0000 020 311 11	1	1	1		
2	-----	-	-	-		
3	0000 022 525 00	8	8	8		
4	0000 043 409 00	8	8	8		
5	0000 042 944 00	4	4	4		
6	0000 043 408 00	4	4	4		
7	0000 506 310 00	8	8	8		
8	0000 043 410 00	8	8	8		
9	0000 506 336 00	1	1	1		
10	0000 504 443 00	4	4	4	M 6 X 80 DIN 912-8.8 A3B	
11	0000 502 792 00	8	8	8	M 8 x 40 DIN 835-8.8 A3B	
12	0000 502 319 00	12	12	12	M 8 x 25 DIN 835-8.8 A3B	
13	0000 042 948 00	10	10	10	M12 x 130	
15	0000 042 941 00	4	4	4		
16	0000 042 942 00	4	4	4		
17	0000 506 284 00	1	1	1	58 x 2	
18	0000 023 556 00	1	1	1	80°C	
20	0000 506 615 00	2	2	2	M 6X 25 DIN 6921-8.8A2B	
21	-----	-	-	-		
22	0000 042 949 01	0... 1	0... 1	0... 1	0,4 mm (total 1,03mm)	
23	0000 042 950 01	0... 1	0... 1	0... 1	0,5 mm (total 1,13mm)	
24	0000 042 951 01	0... 1	0... 1	0... 1	0,6 mm (total 1,23mm)	

Cylinder head cover
 Zylinderkopfdeckel
 Couvercle de culasse
 Tapa culata
 Coperchio bilancieri

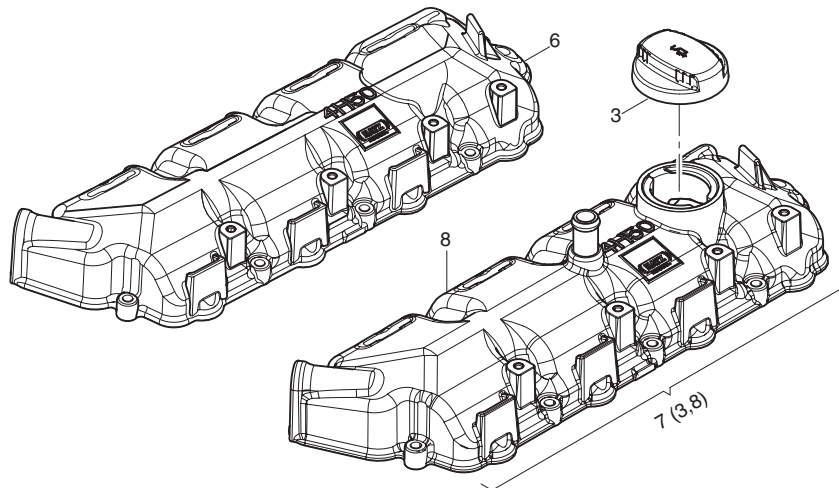
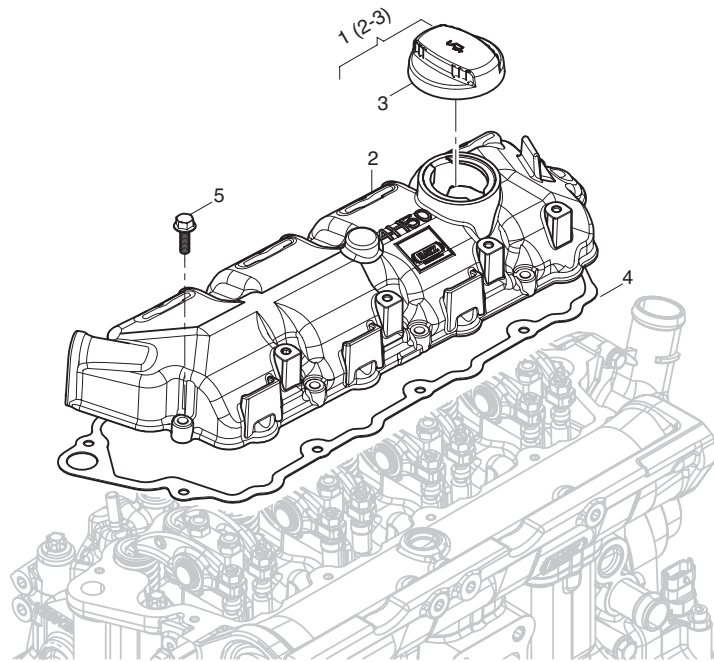


Fig.- No.	HATZ Ident-No.	Qty. Stück			W d / D	Notes Bemerkungen
		4H50TI	4H50TIC	4H50TICD		
1	0000 025 699 00	0... 1	0... 1	0... 1		
2	-----	-	-	-		
3	0000 506 708 01	1	1	1		
4	0000 043 039 10	1	1	1		
5	0000 506 615 00	9	9	9		M 6X 25 DIN 6921-8.8A2B
6	0000 025 698 00	0... 1	0... 1	0... 1		
7	0000 020 790 00	0... 1	0... 1	0... 1		50°
8	-----	-	-	-		

Pushrod + Rocker bracket
 Stosstange und Kipphebelbock
 Tige de culbuteur + Support
 Varilla de balancin + Soporte
 Pushrod + Rocker bracket

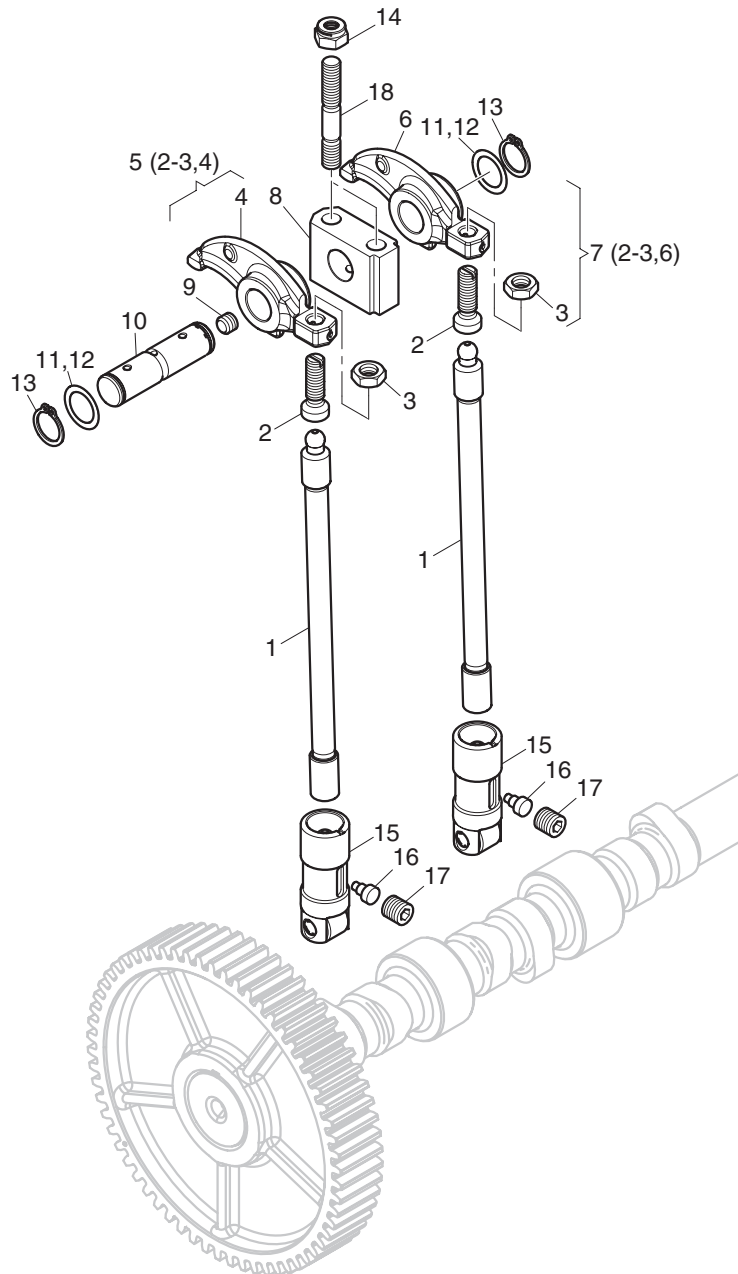


Fig.- No.	HATZ Ident-No.	Qty. Stück			W d / D	Notes Bemerkungen
		4H50TI	4H50TIC	4H50TICD		
1	0000 043 068 00	8	8	8		
2	0000 043 070 01	8	8	8		
3	0000 031 731 00	8	8	8	M 8X1	
4	-----	-	-	-		
5	0000 020 387 01	4	4	4		
6	-----	-	-	-		
7	0000 020 388 01	4	4	4		
8	0000 043 027 00	4	4	4		
9	0000 502 260 00	4	4	4	M 8 X 6 DIN 913-45H TU.FLEC	
10	0000 043 069 00	4	4	4		
11	0000 503 159 00	0..16	0..16	0..16	15 x 21 x 0,2 DIN 988	
12	0000 503 160 00	0..16	0..16	0..16	15 x 21 x 0,3 DIN 988	
13	0000 500 198 00	8	8	8	A15 x 1 DIN 471	
14	0000 400 284 00	8	8	8	VM 8 DIN 980-8 C3A	
15	0000 020 320 00	8	8	8		
16	0000 042 954 10	8	8	8	Ø6,0	
17	0000 506 274 01	8	8	8	M 10 x 10 DIN 913 45H-VZ	
18	0000 502 792 00	8	8	8	M 8 x 40 DIN 835-8.8 A3B	

M10

Oil pump
 Ölpumpe
 Pompe a huile
 Bomba de aceite
 Pompa olio

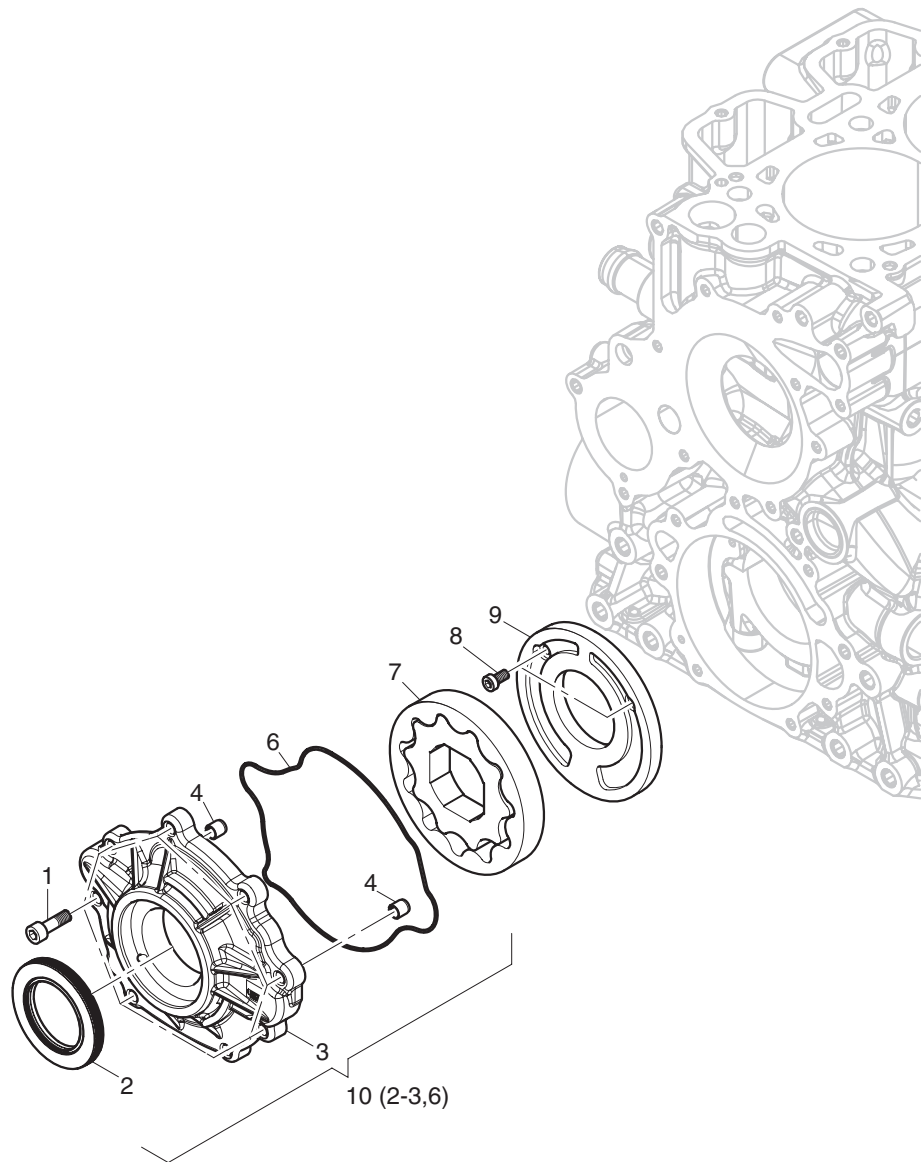


Fig.- No.	HATZ Ident-No.	Qty. Stück			W d / D	Notes Bemerkungen
		4H50TI	4H50TIC	4H50TICD		
1	0000 506 615 00	8	8	8		M 6X 25 DIN 6921-8.8A2B
2	0000 505 108 02	1	1	1		40 x 62 x 7
3	-----	-	-	-		
4	0000 501 400 00	2	2	2		8 x 8 DIN 7346 55 Si 7
6	0000 043 387 00	1	1	1		
7	0000 025 464 00	1	1	1		
8	0000 501 126 00	2	2	2		M 5 X 10 DIN 6912-8.8 A3B
9	0000 042 962 10	1	1	1		
10	0000 025 874 00	1	1	1		

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

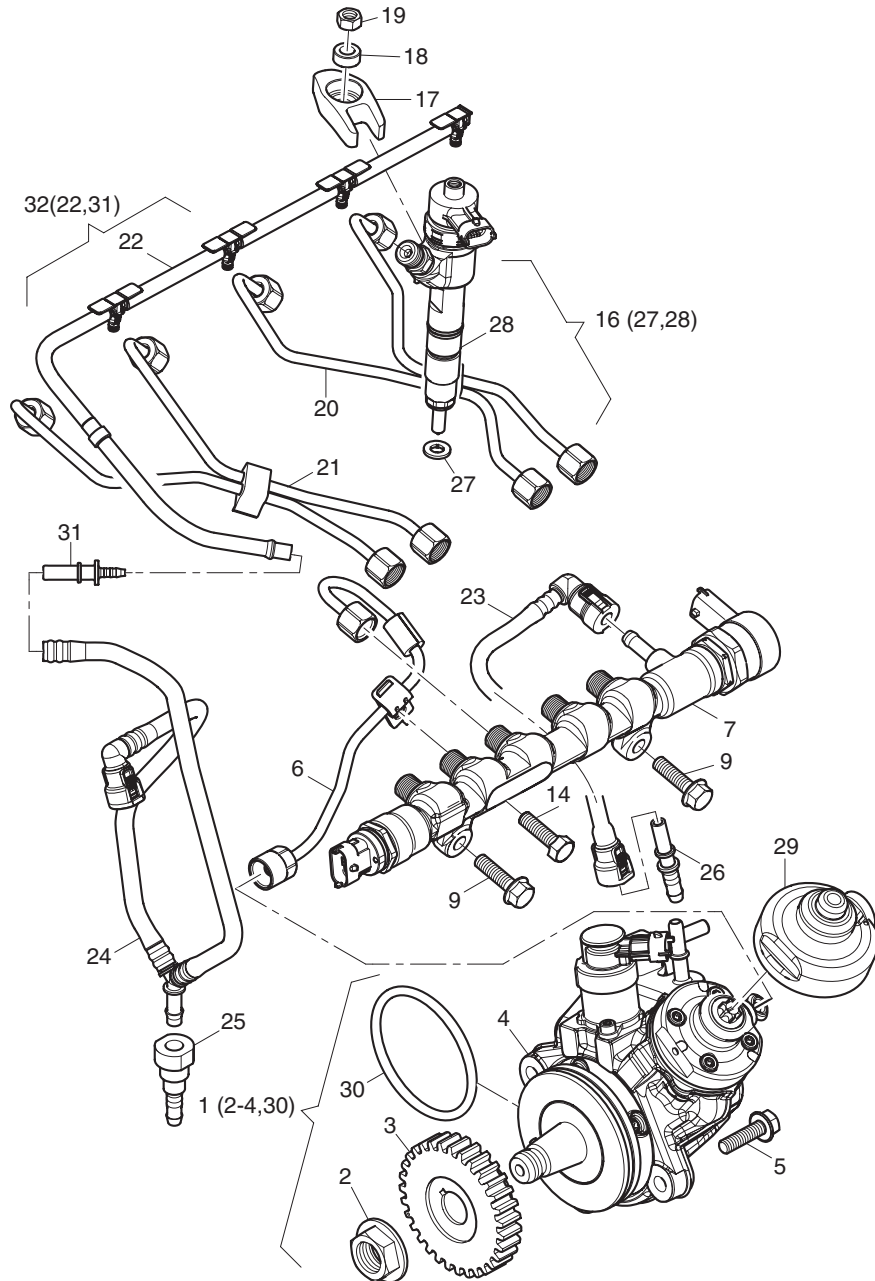


Fig.- No.	HATZ Ident-No.	Qty. Stck			W d / D	Notes Bemerkungen
		4H50TI	4H50TIC	4H50TICD		
1	0000 020 639 00	1	1	1		
2	-----	-	-	-		
3	-----	-	-	-		
4	-----	-	-	-		
5	0000 506 304 00	3	3	3	M 8 X 30 DIN6921 - 8.8 A2B	
6	0000 020 337 00	1	1	1		
7	0000 042 931 00	1	1	1		
9	0000 506 304 00	2	2	2	M 8 X 30 DIN6921 - 8.8 A2B	
14	0000 500 960 00	1	1	1	M 8X 18 DIN 933 - 8.8 A3B	
16	0000 042 937 00	4	4	4		
17	0000 043 006 00	4	4	4		
18	0000 040 357 00	4	4	4		
19	0000 501 480 00	4	4	4	M 8 DIN 934-8 A3B	
20	0000 020 338 00	1	1	1	Injector 1+2	
21	0000 020 339 00	1	1	1	Injector 3+4	
22	-----	-	-	-		
23	0000 020 409 00	1	1	1		
24	0000 020 410 00	1	1	1		
25	0000 506 579 00	1	1	1		
26	0000 506 578 00	1	1	1		
27	0000 490 984 00	4	4	4		
28	-----	-	-	-		
29	0000 506 647 00	1	1	1		
30	0000 490 989 00	1	1	1	∅ 77 x 3,55	
31	0000 506 560 00	1	1	1		
32	0000 025 691 00	1	1	1		

Intermediate housing SAE5
 Anschlussgehäuse SAE 5
 Bride raccord SAE5
 Caja de conexión SAE5
 Flangiatura SAE 5

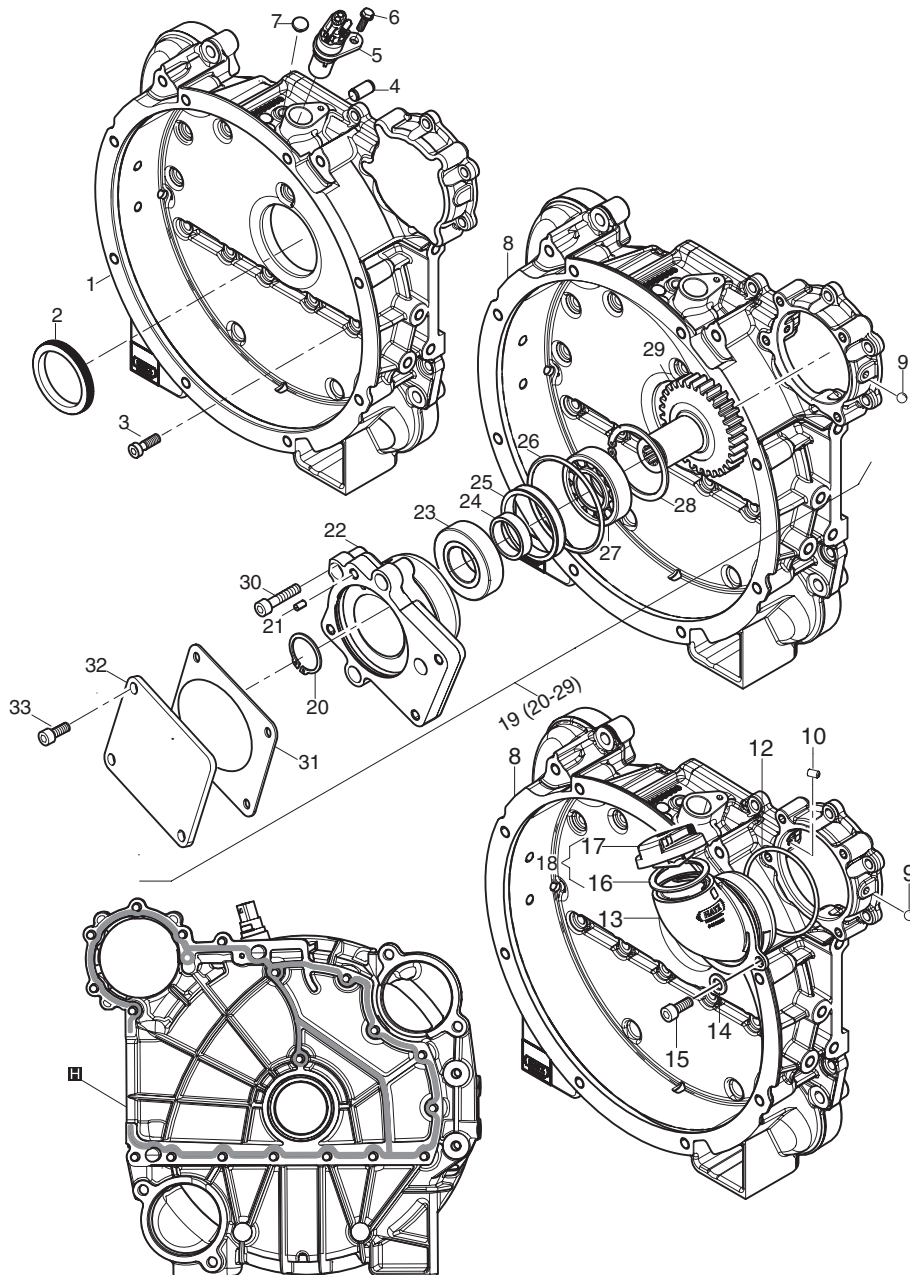
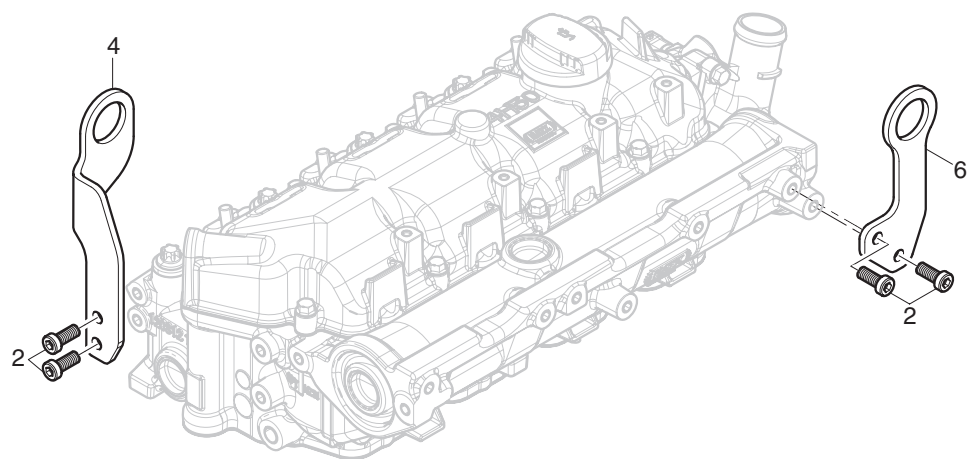


Fig.- No.	HATZ Ident-No.	Qty. Stück			W d / D	Notes Bemerkungen
		4H50TI	4H50TIC	4H50TICD		
1	0000 043 361 00	1	1	1	SAE 5	
2	0000 501 291 02	1	1	1	55 x 70 x 8	
3	0000 501 715 00	19	19	19	M 8 X 25 DIN 912-8.8 A3B	
4	0000 506 325 00	2	2	2	14 M6 X 28 DIN 6325geh.	
5	0000 506 335 00	1	1	1		
6	0000 506 615 00	1	1	1	M 6X 25 DIN 6921-8.8A2B	
7	0000 501 608 00	1	1	1	F 5 14x10,7x7,5	
8	0000 043 360 00	0... 1	0... 1	0... 1	SAE 5 + PTO	
9	0000 504 764 00	1	1	1	DIN 5401	
10	0000 502 624 00	0... 1	0... 1	0... 1	M 6 X 10 DIN 916TUF360G	
12	0000 506 700 00	1	1	1		
13	0000 043 423 00	1	1	1		
14	0000 501 157 00	2	2	2	8,4 DIN433-St 140 HV	
15	0000 504 502 00	2	2	2	M 8 X 25 DIN 912-8.8 A3B TUF	
16	-----	-	-	-		
17	-----	-	-	-		
18	0000 506 708 01	1	1	1		
19	0000 025 491 00	1	1	1		
20	0000 500 209 00	1	1	1	DIN 471	
21	0000 041 049 00	1	1	1	(ø 5 mm)	
22	0000 043 429 01	1	1	1		
23	0000 506 767 00	1	1	1		
24	0000 043 428 00	1	1	1		
25	0000 043 427 00	1	1	1		
26	0000 506 700 00	1	1	1		
27	0000 506 768 00	1	1	1		
28	0000 506 691 00	1	1	1		
29	0000 043 421 00	1	1	1		
30	0000 501 775 00	4	4	4	M 8 X 40 DIN 912-8.8 A3B	
31	0000 035 680 00	1	1	1		
32	0000 037 616 00	1	1	1		
33	0000 501 715 00	4	-	4	M 8 X 25 DIN 912-8.8 A3B	

M30

Lifting device
 Aufzugvorrichtung
 Dispositiv de suspension
 Dispositivo de suspension
 Aufzugvorrichtung

Fig.- No.	HATZ Ident-No.	Qty. Stück			W d / D	Notes Bemerkungen
		4H50TI	4H50TIC	4H50TICD		
2	0000 504 176 00	4	4	0... 4	M 8 X 25 Z4 DIN 912-8.8 A3B	
4	0000 042 992 12	1	1	0... 1		
6	0000 043 281 01	1	1	0... 1		



Crankcase breathing system
 Kurbelgehäuseentlüftung
 Reniflard
 Purgador
 Sfiato basamento

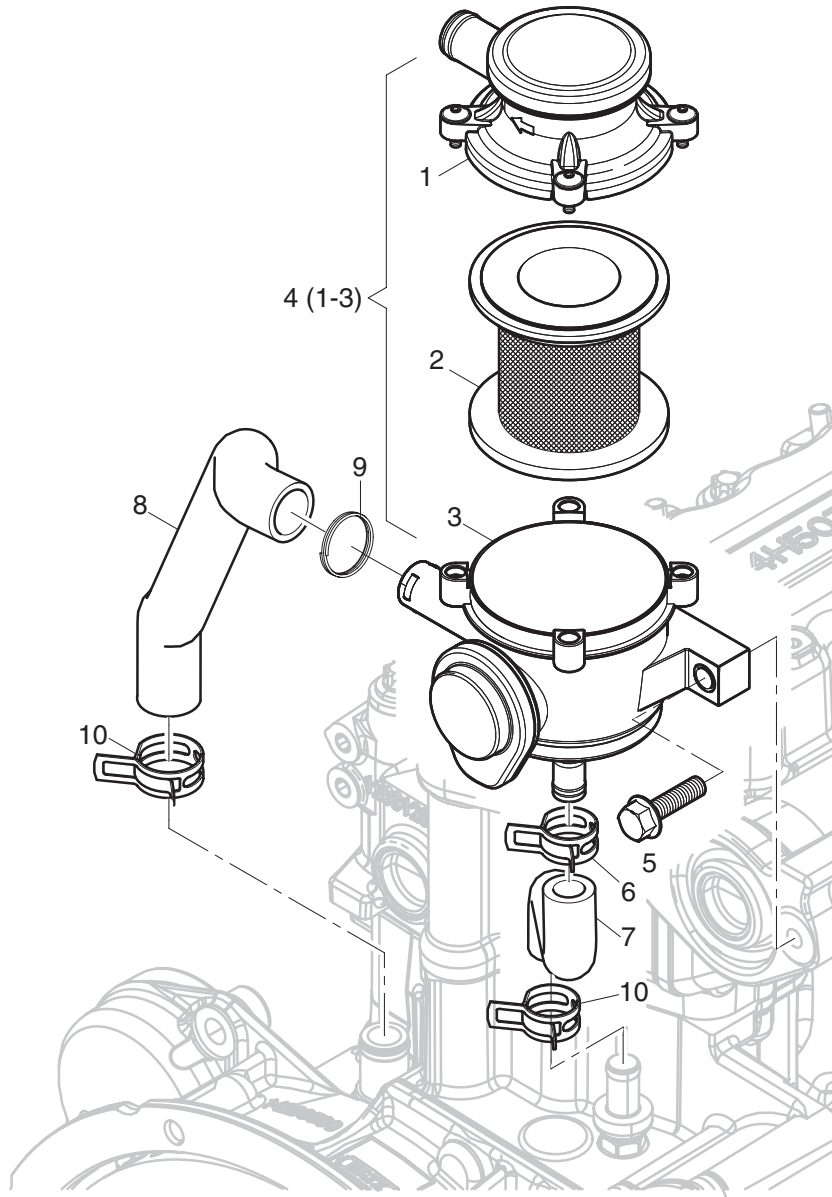


Fig.- No.	HATZ Ident-No.	Qty. Stück			W d / D	Notes Bemerkungen
		4H50TI	4H50TIC	4H50TICD		
1	-----	-	-	-		
2	0000 506 405 00	1	1	1		
3	-----	-	-	-		
4	0000 506 355 10	1	1	1		
5	0000 506 304 00	2	2	2		M 8 X 30 DIN6921 - 8.8 A2B
6	0000 506 766 00	1	1	1		Ø 20-21,6
7	0000 043 383 00	1	1	1		Ø 12
8	0000 043 384 00	1	1	1		Ø 13
9	0000 043 066 00	1	1	1		Ø 23 x 1
10	0000 506 668 00	2	2	2		Ø 22 - 24,5

Exhaust-gas recirculation
 Abgasrückführung
 Recirculation gaz de escape
 Recirculacion gases de escape
 Ricircolo dei gas di scarico

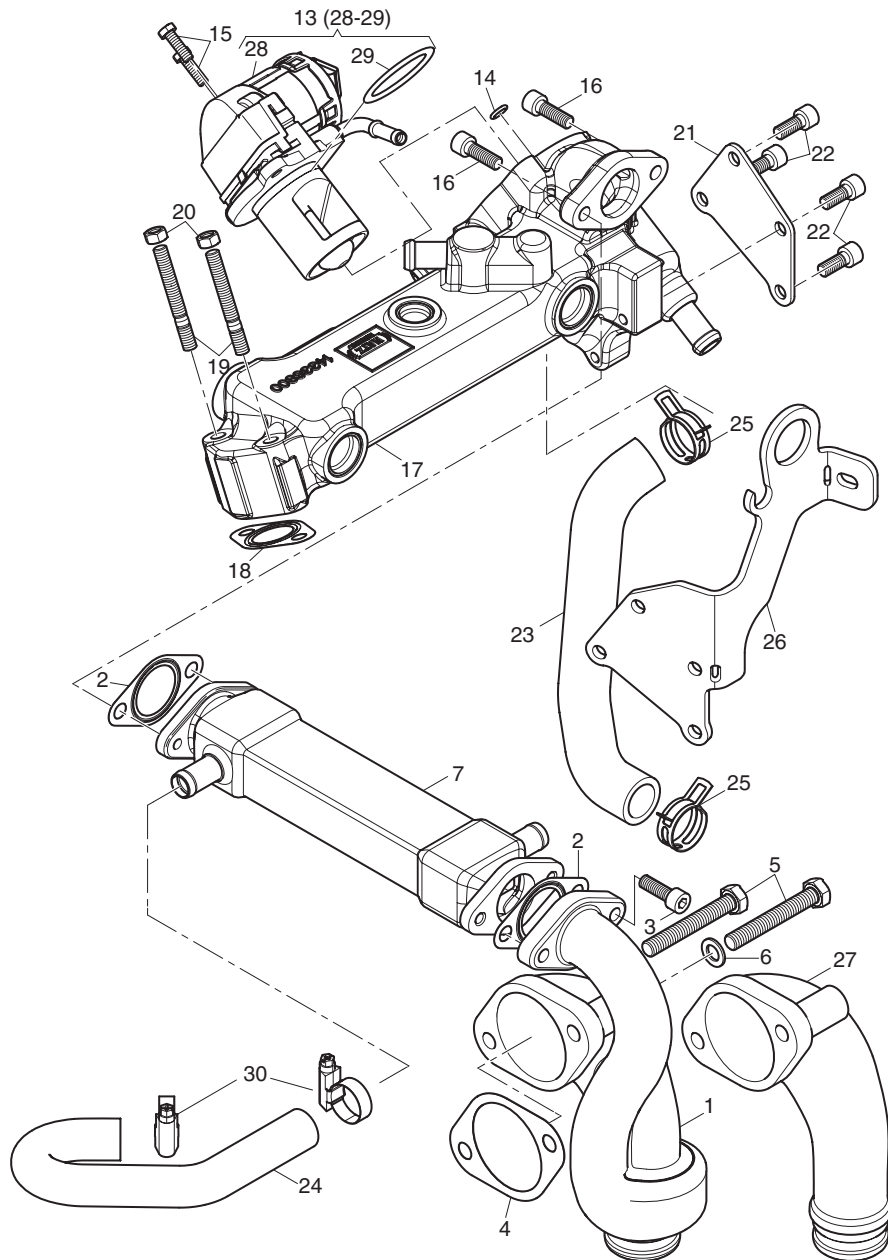


Fig.- No.	HATZ Ident-No.	Qty. Stück		W d / D	Notes Bemerkungen
		4H50TI	4H50TIC		
1	0000 043 031 00	-	1		
2	0000 043 029 00	-	2		
3	0000 501 715 00	-	2		
4	0000 506 238 00	1	1		M 8 X 25 DIN 912-8.8 A3B
5	0000 500 302 00	2	2		M10X 70 DIN 931 - 8.8 A3B
6	0000 500 170 00	2	2		10,5 DIN 433 - St A3B
7	0000 506 321 00	-	1		
13	0000 506 288 10	-	1		
14	0000 400 224 01	-	1		8 x 2 FPM 75 MOLYKOT.
15	0000 506 326 00	-	2		M 6 X 20 DIN 6921-F-8.8-A3B
16	0000 501 715 00	-	2		M 8 X 25 DIN 912-8.8 A3B
17	0000 020 620 00	-	1		
18	0000 042 722 01	-	1		
19	0000 506 558 00	-	2		M 8 x 55 DIN 939 - 10.9
20	0000 400 284 00	-	2		VM 8 DIN 980-8 C3A
21	0000 043 067 00	-	0...1		
22	0000 503 663 00	-	4		M 8 X 20 DIN 912-8.8A3B
23	0000 043 082 00	-	1		22x5
24	0000 043 398 00	-	1		Ø 16 x 4,5
25	0000 506 676 00	-	2		28 - 30,5
26	0000 054 829 03	0...1	0...1		
27	0000 043 284 00	1	-		
28	-	-	-		
29	0000 400 237 00	-	1		45 x 2
30	0000 504 756 00	-	2		Ø 12 - 22 x 9

Exhaust-gas recirculation
 Abgasrückführung
 Recirculation gaz de escape
 Recirculacion gases de escape
 Ricircolo dei gas di scarico

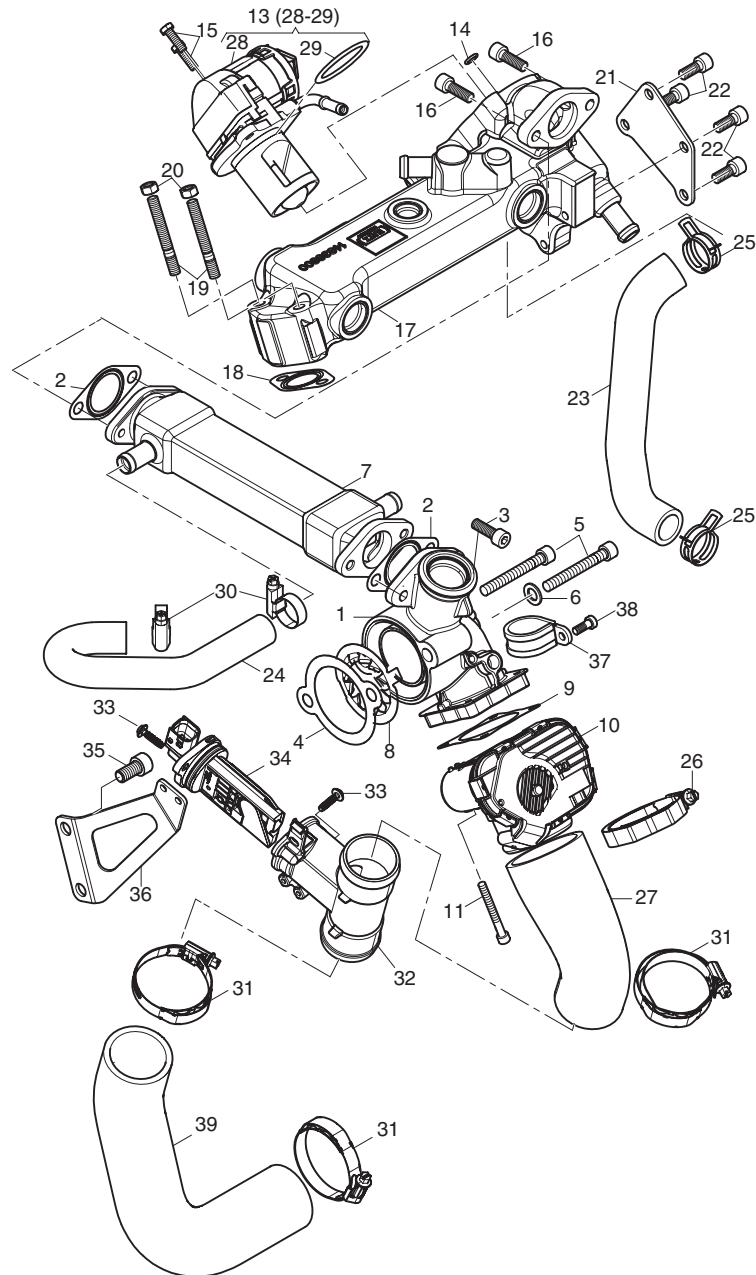


Fig.- No.	HATZ Ident-No.	Qty. Stück	W d / D	Notes Bemerkungen
4H50TICD				
1	0000 020 696 10	1		
2	0000 043 029 00	2		
3	0000 501 715 00	2		
4	0000 056 539 00	1		M 8 X 25 DIN 912-8.8 A3B
5	0000 500 552 00	2		M 10 x 60 DIN 912-8.8A3B
6	0000 500 170 00	2		10,5 DIN 433 - St A3B
7	0000 506 321 00	1		
8	0000 056 466 00	1		
9	0000 056 540 00	1		
10	0000 506 799 00	1		
11	0000 503 420 00	4		M 6 X 50 DIN 912-8.8 A3B
13	0000 506 288 10	1		
14	0000 400 224 01	1		8 x 2 FPM 75 MOLYKOT.
15	0000 506 326 00	2		M 6 X 20 DIN 6921-F-8.8-A3B
16	0000 501 715 00	2		M 8 X 25 DIN 912-8.8 A3B
17	0000 020 620 00	1		
18	0000 042 722 01	1		
19	0000 506 558 00	2		M 8 x 55 DIN 939 - 10.9
20	0000 400 284 00	2		VM 8 DIN 980-8 C3A
21	0000 043 067 00	1		
22	0000 503 663 00	4		M 8 X 20 DIN 912-8.8A3B
23	0000 043 082 00	1		22x5
24	0000 043 398 00	1		Ø 16 x 4,5
25	0000 506 676 00	2		28 - 30,5
26	0000 506 813 00	1		
27	0000 056 514 00	1		
28	-----	-		
29	0000 400 237 00	1		45 x 2
30	0000 504 756 00	2		Ø 12 - 22 x 9
31	0000 506 352 00	3		Ø40 - 60mm
31	0000 056 513 00	1		
32	0000 056 478 00	1		
33	0000 506 718 00	4		
34	0000 506 800 01	1		
35	0000 501 732 00	2		M10 X 20 DIN 912-8.8 A3B
36	0000 043 460 00	1		
37	0000 506 487 00	1		
38	0000 503 238 00	1		M 6 x 16 DIN 6912-8.8 A3B
39	0000 056 513 00	1		

Z01a

Fuel
Kraftstoff
Carburant
Combustible
Serbatoio

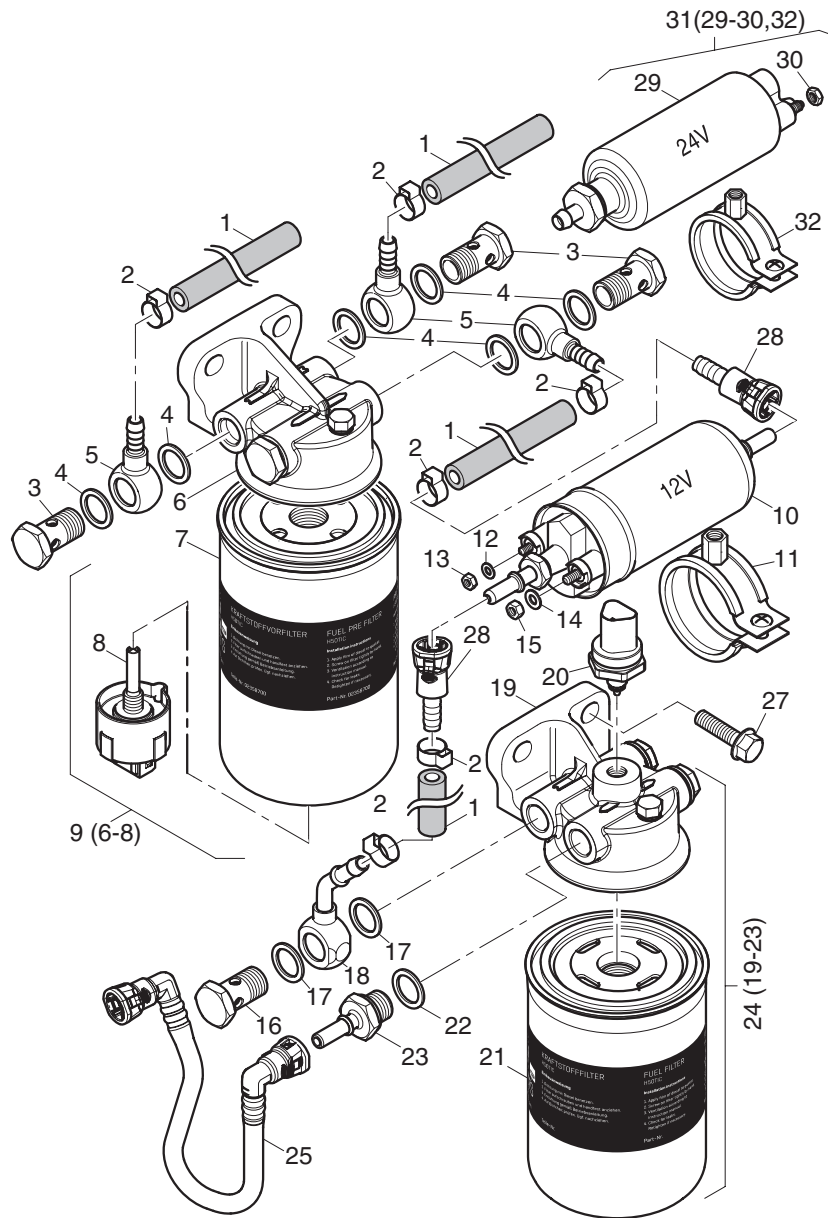


Fig.- No.	HATZ Ident-No.	Qty. Stück			W d / D	Notes Bemerkungen
		4H50TI	4H50TIC	4H50TICD		
1	0000 053 830 00	0... 4	0... 4	0... 4	8 x 5000mm	
1	0000 054 184 00	0... 4	0... 4	0... 4	8 x 1000mm	
2	0000 504 568 00	6	6	6	Ø 13,7 - 16,2	
3	0000 506 396 00	3	3	3	M 16 x 1,5	
4	0000 506 471 01	6	6	6	Ø 16 X 22 X 1,5	
5	0000 506 395 00	3	3	3	LW8 M16	
6	-----	-	-	-		
7	0000 506 380 00	1	1	1		
8	0000 506 597 00	1	1	1		
9	0000 023 587 01	1	1	1		
10	0000 506 408 00	1	1	1	12V	
11	0000 506 431 00	1	1	1	1 1/2"	
12	0000 501 472 00	1	1	1	4,3 DIN 125 - A3B	
13	0000 501 471 00	1	1	1	M 4 DIN 934 - 8 A3B	
14	0000 502 163 00	1	1	1	5,3 DIN 125-St A3B	
15	0000 500 943 00	1	1	1	M 5 DIN 934-8 A3B	
16	0000 506 396 00	1	1	1	M 16 x 1,5	
17	0000 506 471 01	2	2	2	Ø 16 X 22 X 1,5	
18	0000 020 408 00	1	1	1		
19	-----	-	-	-		
20	0000 506 337 00	1	1	1		
21	0000 506 381 01	1	1	1		
22	0000 506 471 01	1	1	1	Ø 16 X 22 X 1,5	
23	0000 043 118 00	1	1	1		
24	0000 023 588 02	1	1	1		
25	0000 020 401 00	1	1	1		
27	0000 506 855 00	2	2	2	M10 X 30	
28	0000 506 579 00	2	2	2		
29	-----	-	-	-		
30	0000 400 282 00	2	2	-	M 5 DIN 980-8 C3A	
31	0000 025 285 01	1	1	-	24V	
31	0000 506 591 00	-	-	-	24V	
32	0000 506 593 00	1	1	-	1 1/4"	

Z02a

Air filter
 Luftfilter
 Filtre à air
 Filtro de aire
 Filtro aria

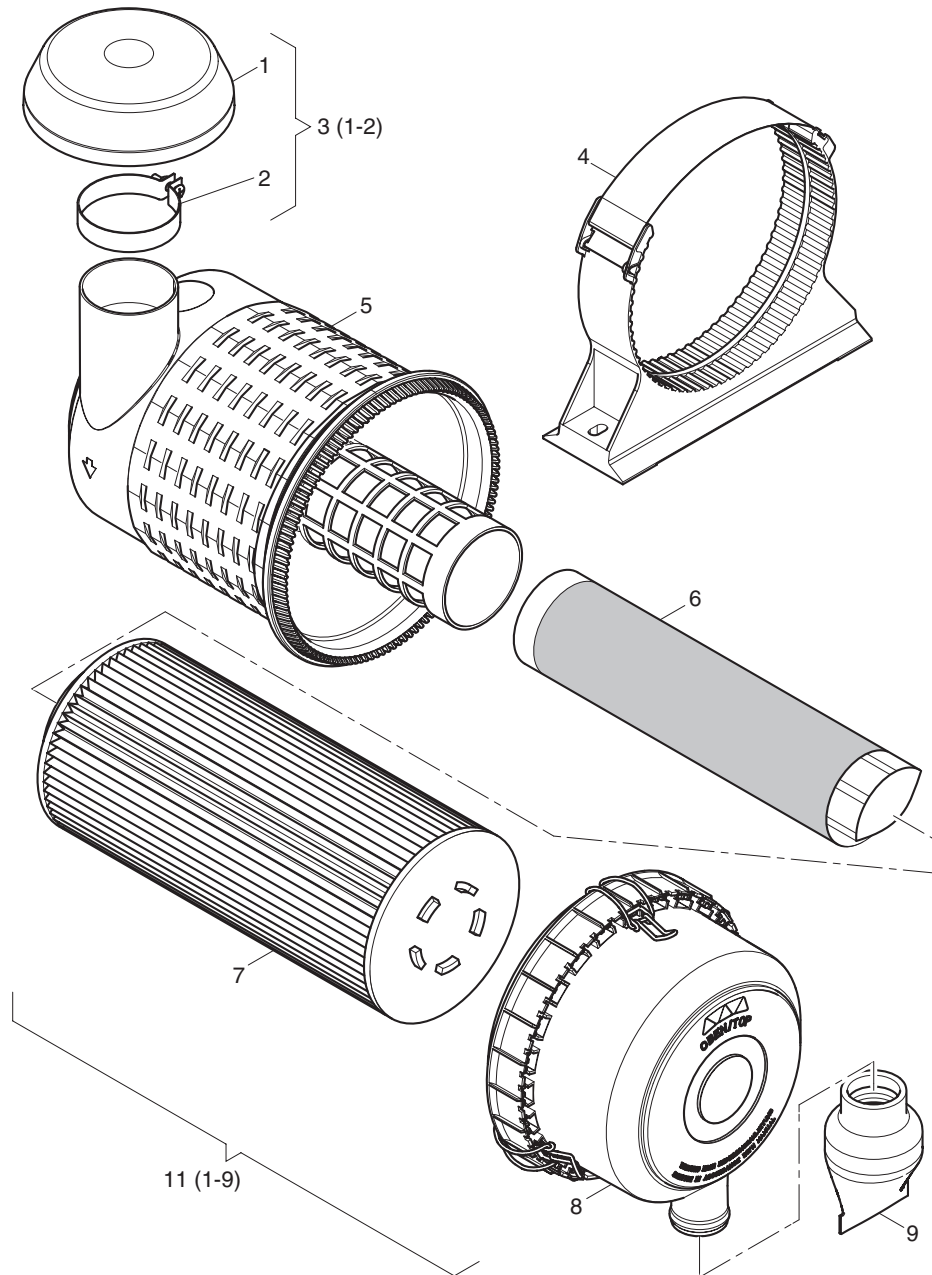


Fig.- No.	HATZ Ident-No.	Qty. Stück	W d / D	Notes Bemerkungen
		4H50TI	4H50TIC	4H50TICD
1	-----	-	-	-
2	-----	-	-	-
3	0000 506 375 00	1	1	1
4	0000 506 374 00	1	1	1
5	-----	-	-	-
6	0000 506 383 00	1	1	1
7	0000 506 382 00	1	1	1
8	-----	-	-	-
9	0000 506 605 00	1	1	1
11	0000 023 669 00	1	1	1

2 years

Hose lines for intercooler
 Verschlauchung Ladeluft
 Conduites de tuyau p. intercooler
 tubos p. intercooler
 Tubo di intercooler

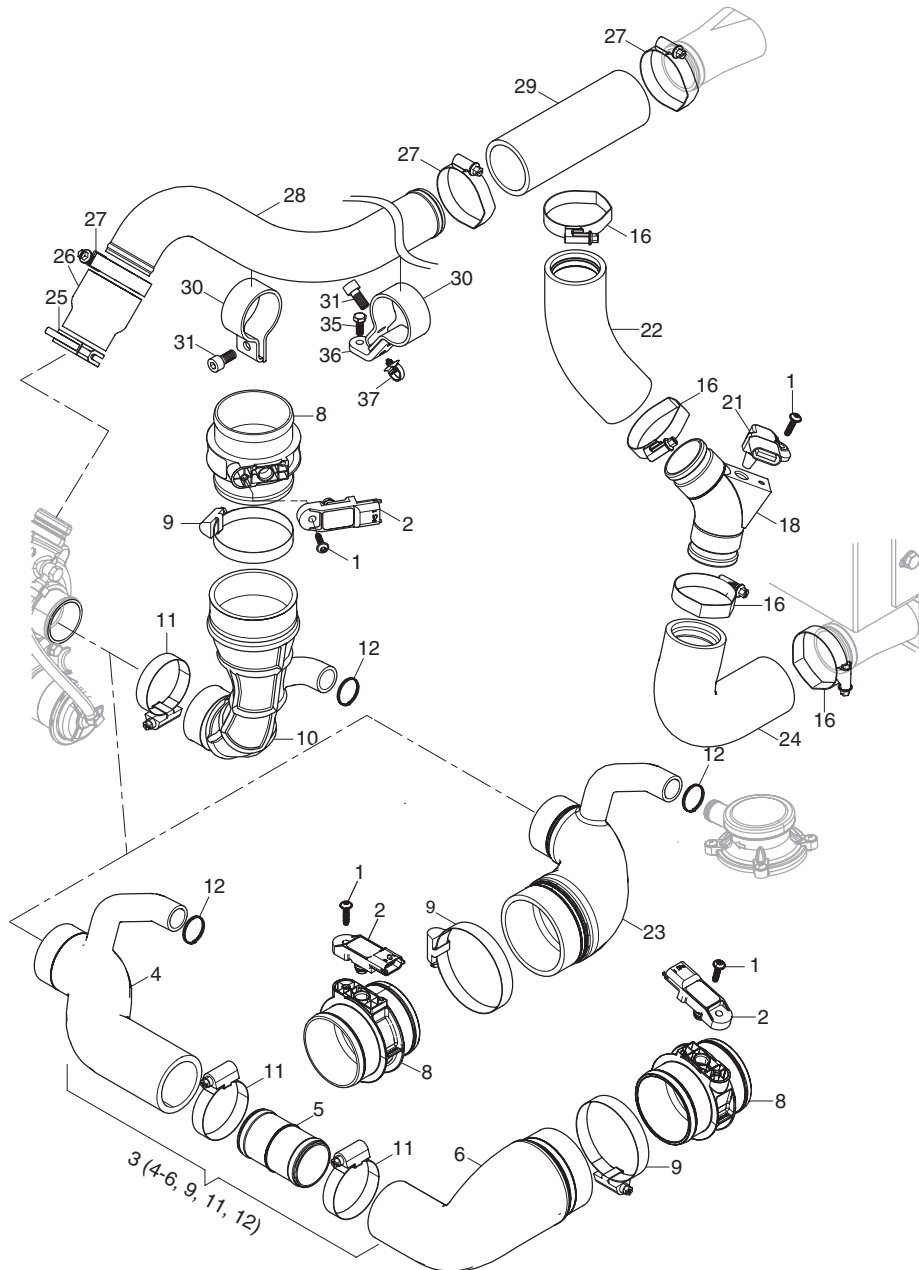


Fig.- No.	HATZ Ident-No.	Qty. Stück			W d / D	Notes Bemerkungen
		4H50TI	4H50TIC	4H50TICD		
1	0000 506 718 00	2	2	1		
2	0000 506 764 00	1	1	1		
3	0000 020 746 01	0... 1	0... 1	0... 1		
4	0000 043 483 00	0... 1	0... 1	0... 1		
5	0000 043 481 00	0... 1	0... 1	0... 1		
6	0000 043 482 00	0... 1	0... 1	0... 1		
8	0000 043 414 01	1	1	1		
9	0000 506 409 00	1	1	1	Ø70 - 90 x 13 DIN 3017 A	
10	0000 043 458 00	0... 1	0... 1	0... 1	Vertical	
11	0000 504 066 00	1... 3	1... 3	1... 3	Ø 40 - 60	
12	0000 043 066 00	1	1	1	Ø 23 x 1	
16	0000 506 352 00	4	4	-	Ø40 - 60mm	
18	0000 043 165 01	1	1	-		
21	0000 506 334 00	1	1	-		
22	0000 043 051 00	1	1	-		
23	0000 043 573 10	0... 1	0... 1	0... 1	Horizontal	
24	0000 043 250 00	1	1	-	internal exp.tank	
25	0000 506 351 00	1	1	1	Ø44-46,5	
26	0000 043 314 00	1	1	1		
27	0000 506 352 00	3	3	3	Ø40 - 60mm	
28	0000 043 315 10	1	1	1		
29	0000 043 311 00	1	1	1	Ø45x5	
30	0000 506 660 00	2	2	2	Ø45,5	
31	0000 502 063 00	2	2	2	M 8 X 18 DIN 912-8.8A3B	
35	0000 501 771 00	1	1	1	M 6 x 16 DIN 933-8.8 A3B	
36	0000 043 404 00	1	1	1		
37	0000 506 746 00	1	1	1	4,5 - 5,00	

Z02c

Hose lines for air filter
 Verschlauchung Luftfilter
 Conduites de tuyau p. filtre à air
 tubos p. filtro de aire
 Tubo di firtro aria

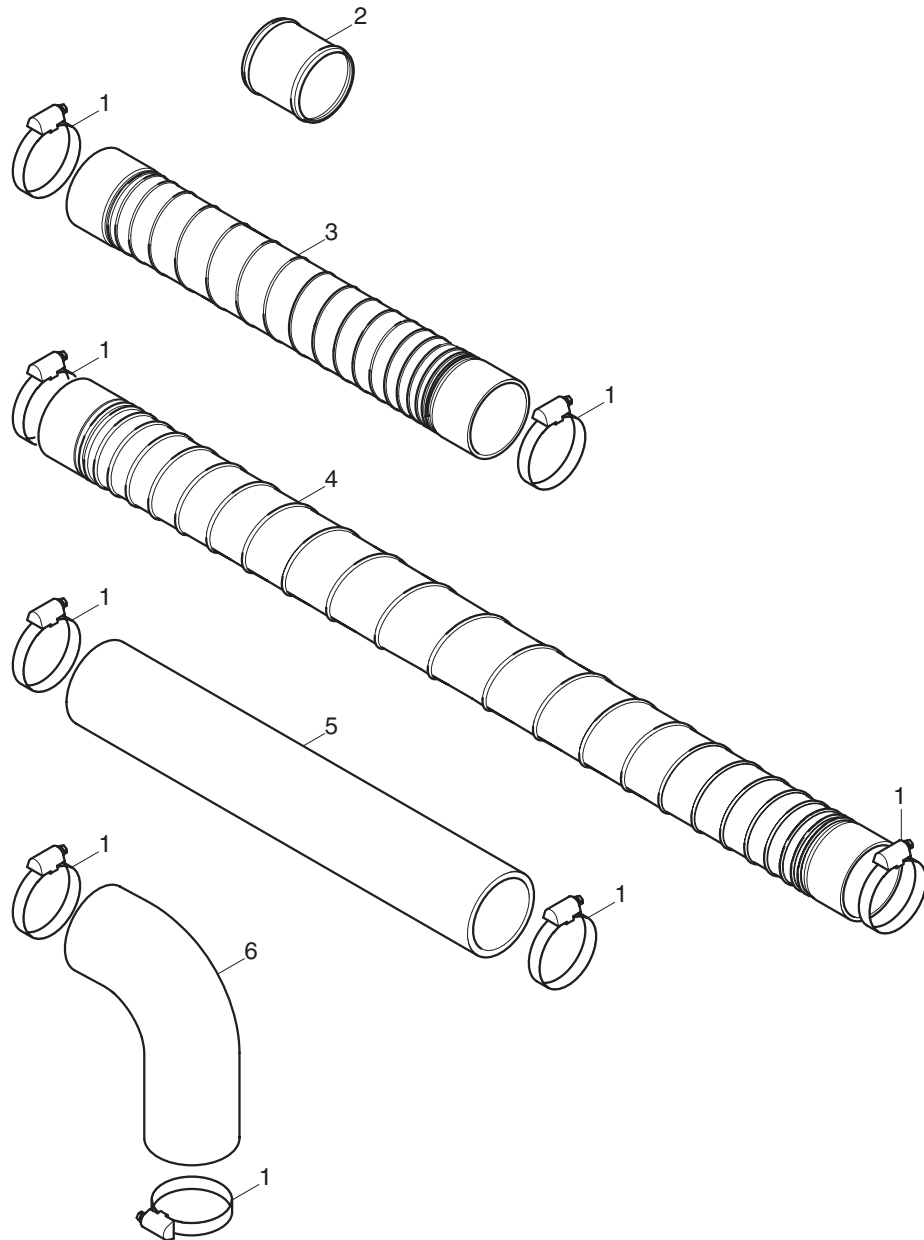


Fig.- No.	HATZ Ident-No.	Qty. Stück			W d / D	Notes Bemerkungen
		4H50TI	4H50TIC	4H50TICD		
1	0000 506 409 00	2	2	2	Ø70 - 90 x 13 DIN 3017 A	
2	0000 043 278 01	1	1	1	Ø70	
3	0000 043 277 00	1	1	1	Ø70 x 500	
4	0000 043 276 00	1	1	1	Ø70 x 1000	
5	0000 043 275 00	1	1	1	Ø70 x 500 shortenable	
6	0000 043 274 00	1	-	-	Ø70 90° shortenable	

Z03a

Exhaust manifold, turbo charger
 Abgaskrümmter, Turbolader
 Tube de echappement, Turbo
 Tubo de escape, Turbo
 Collettore di scarico, Turbo

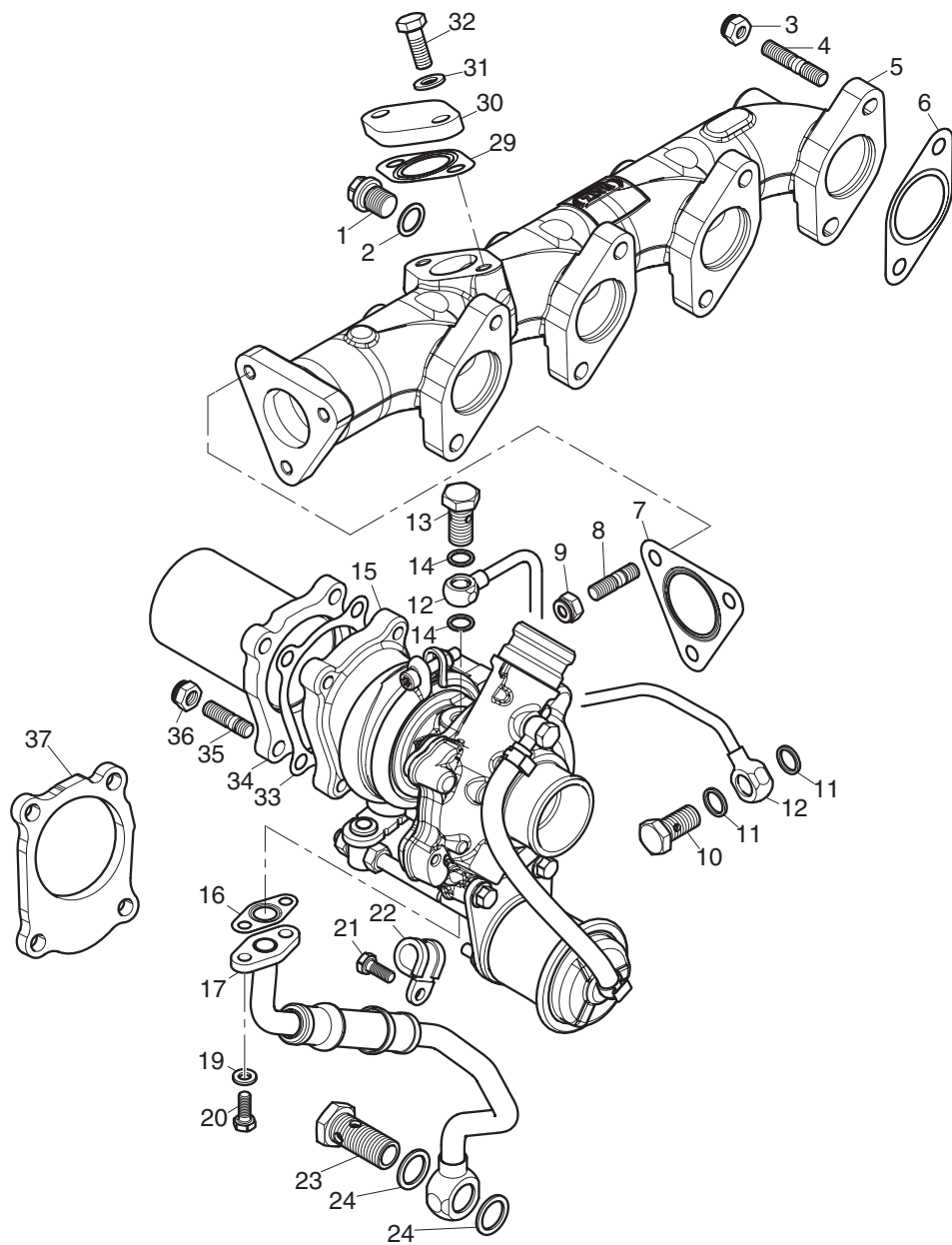


Fig.- No.	HATZ Ident-No.	Qty. Stück			W d / D	Notes Bemerkungen
		4H50TI	4H50TIC	4H50TICD		
1	0000 500 447 00	1	1	1		R 1/4 DIN 910 - 5.8 A3B
2	0000 032 288 00	1	1	1		
3	0000 400 284 00	8	8	8		VM 8 DIN 980-8 C3A
4	0000 502 319 00	8	8	8		M 8 x 25 DIN 935-8.8 A3B
5	0000 042 966 10	1	1	1		
6	0000 054 348 00	4	4	4		
7	0000 043 003 00	1	1	1		
8	0000 502 107 00	3	3	3		M 8 x 20
9	0000 400 284 00	3	3	3		VM 8 DIN 980-8 C3A
10	0000 500 063 00	1	1	1		8-3 DIN 7643
11	0000 500 011 00	2	2	2		A 12 x 15,5 DIN 7603-Cu
12	0000 020 340 00	1	1	1		
13	0000 501 697 01	1	1	1		M10 x 1 DIN 7643-6-3
14	0000 500 624 00	2	2	2		A 10 x 13,5 DIN 7603-Cu
15	0000 506 653 00	1	-	-		45° TI
15	0000 506 331 10	-	1	1		
16	0000 043 004 00	1	1	1		
17	0000 020 351 01	1	1	1		
19	0000 501 445 00	2	2	2		6,4 DIN 125-St A3B
20	0000 501 771 00	2	2	2		M 6 x 16 DIN 933-8.8 A3B
21	0000 501 771 00	1	1	1		M 6 x 16 DIN 933-8.8 A3B
22	0000 506 306 00	1	1	1		
23	0000 506 396 00	1	1	1		M 16 x 1,5
24	0000 500 013 00	2	2	2		A 16 x 22 DIN 7603 - Cu
29	0000 042 722 01	1	-	-		
30	0000 043 285 00	1	-	-		
31	0000 501 481 00	2	-	-		8,4 DIN 125-St A3B
32	0000 501 482 00	2	-	-		M 8 x 22 DIN 933 - 8.8 A3B
33	0000 054 222 00	1	1	-		
33	0000 056 516 00	-	-	1		TICD
34	0000 020 498 00	1	1	1		
35	0000 506 242 00	4	4	4		M8 x 22 DIN 938-8.8 A3B
36	0000 400 284 00	4	4	4		VM 8 DIN 980-8 C3A
37	0000 043 232 01	-	-	1		TICD

Oxidation catalyst, Silencer
 Oxidationskatalysator, Schalldämpfer
 Épurateur oxycatalytique, Silencieux
 Catalizador de oxidación, Silenciador
 Catalizzatore ossidazione, Marmitta

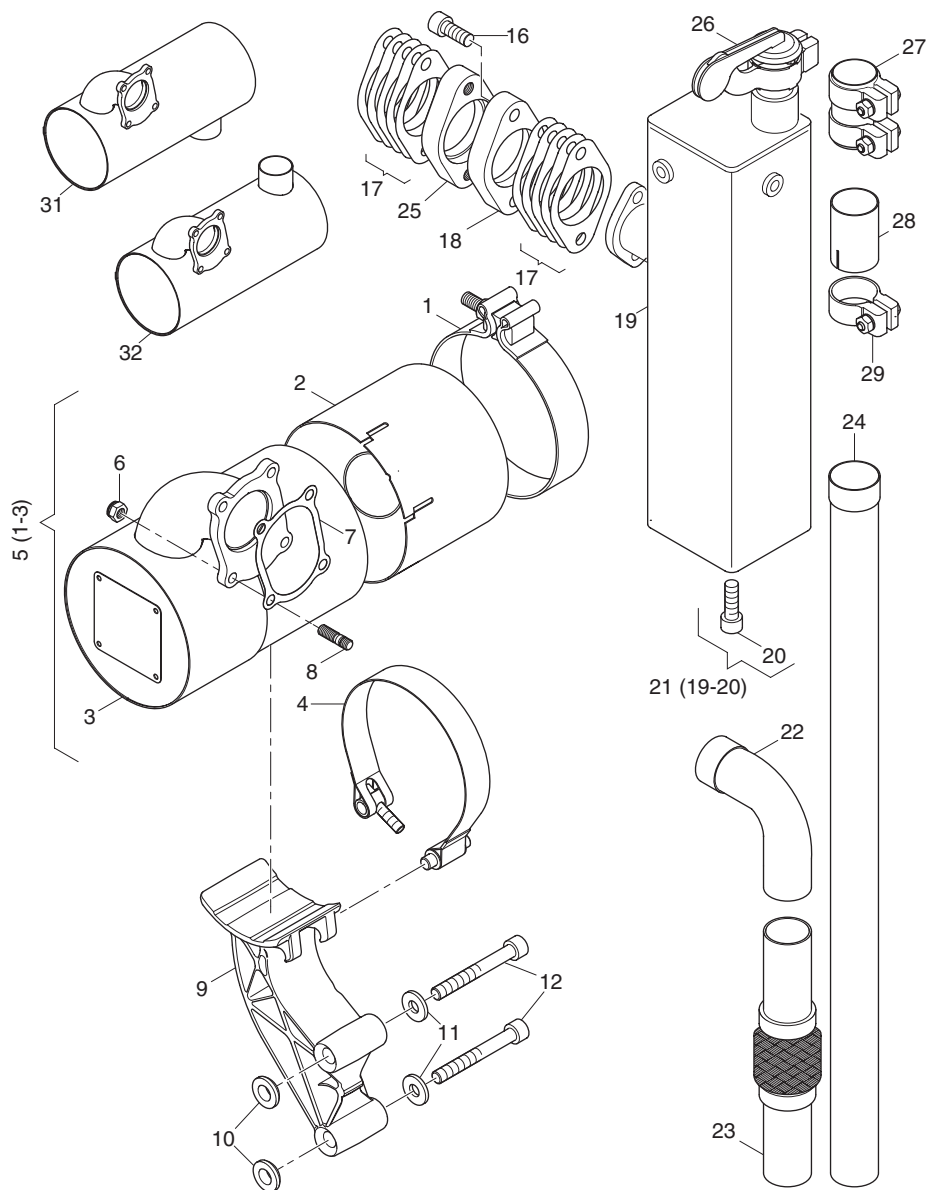
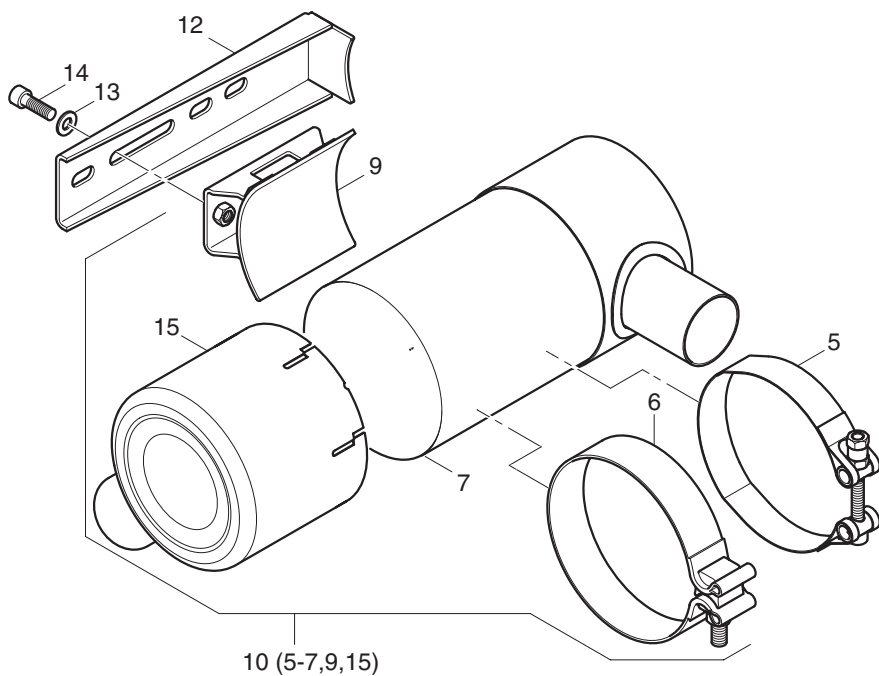
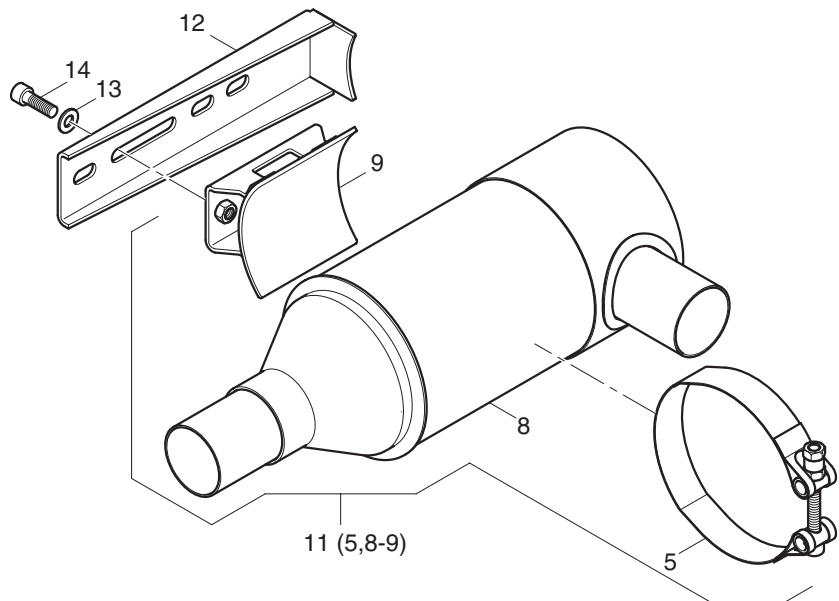


Fig.- No.	HATZ Ident-No.	Qty. Stück			W d / D	Notes Bemerkungen
		4H50TI	4H50TIC	4H50TICD		
1	0000 490 964 00	-	1	-		
2	0000 491 029 00	-	1	-		
3	-----	-	-	-		
4	0000 025 391 00	1	1	-		
5	0000 023 367 02	-	1	-		
6	0000 400 284 00	4	4	-	VM 8 DIN 980-8 C3A	
7	0000 054 222 00	1	1	-		
8	0000 506 242 00	4	4	-	M8 x 22 DIN 938-8.8 A3B	
9	0000 056 239 00	1	1	-		
10	0000 056 240 00	2	2	-		
11	0000 050 993 00	2	2	-	10,1 x 24 x 3	
12	0000 500 556 00	2	2	-	M10 X 80 DIN 912-8.8 A3B	
16	0000 502 250 00	2	2	2	M10 X 30 DIN 912-10.9C4P	
17	0000 016 037 00	2	2	2		
18	0000 054 164 00	1	1	1		
19	-----	-	-	-		
20	0000 501 389 00	4	4	4	M 8 X 12 DIN 912-8.8 C4P	
21	0000 011 091 01	1	1	1		
22	0000 055 427 00	0...1	0...1	0...1	Ø55x90°	
23	0000 055 428 00	0...1	0...1	0...1	Ø55x340mm	
24	0000 055 426 00	0...1	0...1	0...1	Ø55x980mm	
25	0000 038 278 00	1	1	1		
26	0000 501 569 00	0...1	0...1	0...1	Ø55	
27	0000 506 630 00	0...1	0...1	0...1	Ø58x90mm	
27	0000 506 631 00	0...1	0...1	0...1	Ø55x90mm	
28	0000 055 163 00	0...1	0...1	0...1	Ø55/58x80mm	
29	0000 506 629 00	0...1	0...1	0...1	Ø55,5x28mm	
31	0000 025 371 00	1	-	-	Silencer outlet on bottom	
32	0000 025 372 00	1	-	-	Silencer outlet on top	

Z03c

Oxidation catalyst external
 Oxidationskatalysator extern
 Épurateur oxycatalytique externe
 Catalizador de oxidación externo
 Catalizzatore ossidazione esterno

Fig.- No.	HATZ Ident-No.	Qty. Stück	W d / D	Notes Bemerkungen
4H50TIC				
5	0000 490 965 00	1		
6	0000 490 964 00	1		
7	-----	-		
8	-----	-		
9	0000 490 963 00	1		
10	0000 020 421 00	1		
11	0000 020 420 00	1		
12	0000 054 419 01	1		
13	0000 501 481 00	2		8,4 DIN 125-St A3B
14	0000 501 715 00	2		M 8 X 25 DIN 912-8.8 A3B
15	0000 491 029 00	1		



Catalyt.converter+particul. filter - chassis mounted
 Katalysator mit Dieselpartikelfilter - chassisfest
 Pot catalytique+filtre particulés - montage du châssis
 Catalizador y filtro particulas - montaje del chasis
 Catalizzatore+DPF - supporto telaio

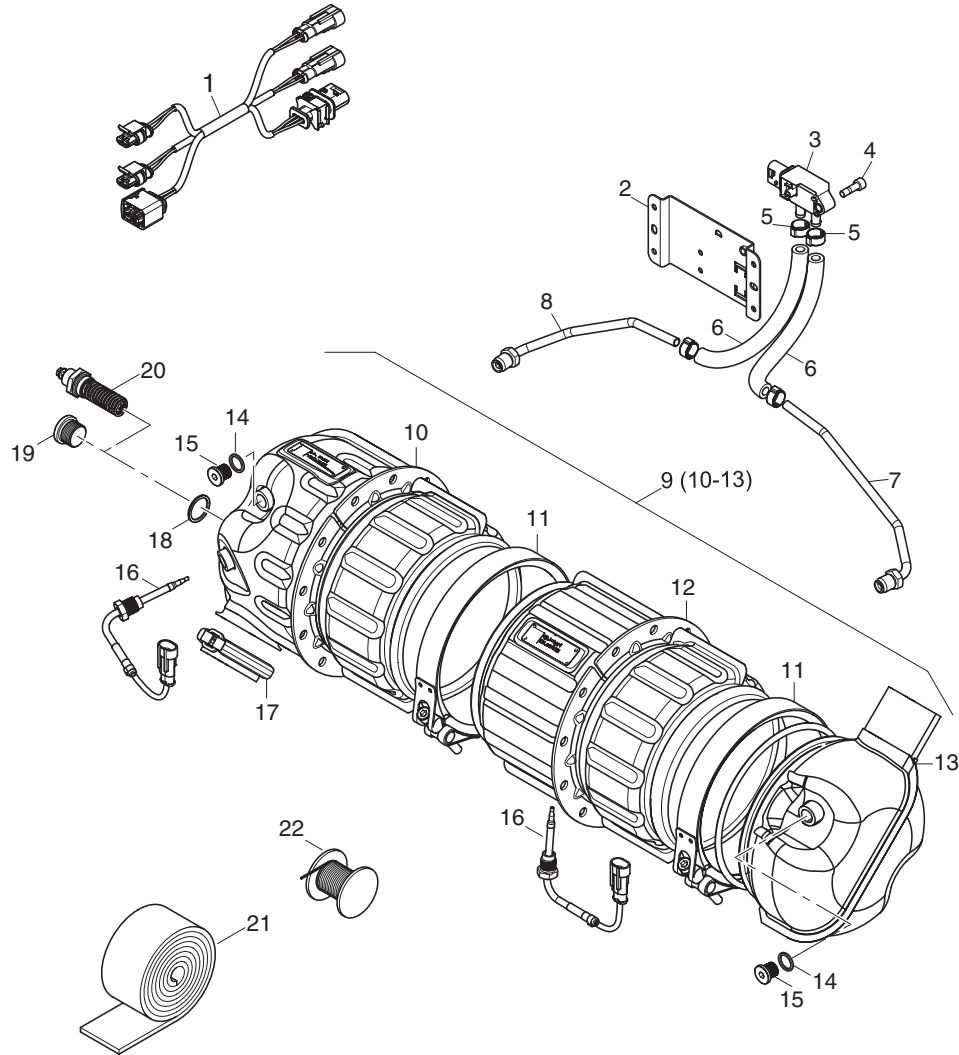


Fig.- No.	HATZ Ident-No.	Qty. Stück	W d / D	Notes Bemerkungen
4H50TICD				
1	0000 025 851 00	1		
2	0000 025 739 00	1		
3	0000 506 801 00	1		
4	0000 501 706 00	1		
5	0000 505 112 01	4		M 6 x 20 DIN 912-8.8A3B
6	0000 056 549 00	2		Ø 13,8
7	0000 025 747 00	1		500 mm
8	0000 025 746 00	1		
9	0000 025 791 00	1		
10	0000 025 792 00	1		
11	0000 025 489 00	1		D. 5.66"
12	0000 025 793 00	1		
13	0000 025 488 00	1		
14	0000 500 012 00	2		A 14 x 18 DIN 7603-Cu
15	0000 506 807 00	2		M 14 x 1,5
16	0000 506 802 00	2		
17	0000 025 471 00	1		Ø 55
18	0000 500 016 00	2		A 22 x 27 DIN 7603 Cu
19	0000 506 808 00	2		M 22 x 1,5
20	0000 056 324 01	2		13V DPF
21	0000 055 167 00	1		50x3x12,5m
22	0000 055 166 00	1		Ø0,5 x 10.000mm

Catalyt.converter+particul. filter - engine mounted
 Katalysator mit Dieselpartikelfilter - motorfest
 Pot catalytique+filtre particulaires - montage du moteur
 Catalizador y filtro particulas - montaje del motor
 Catalizzatore+DPF - supporto motore

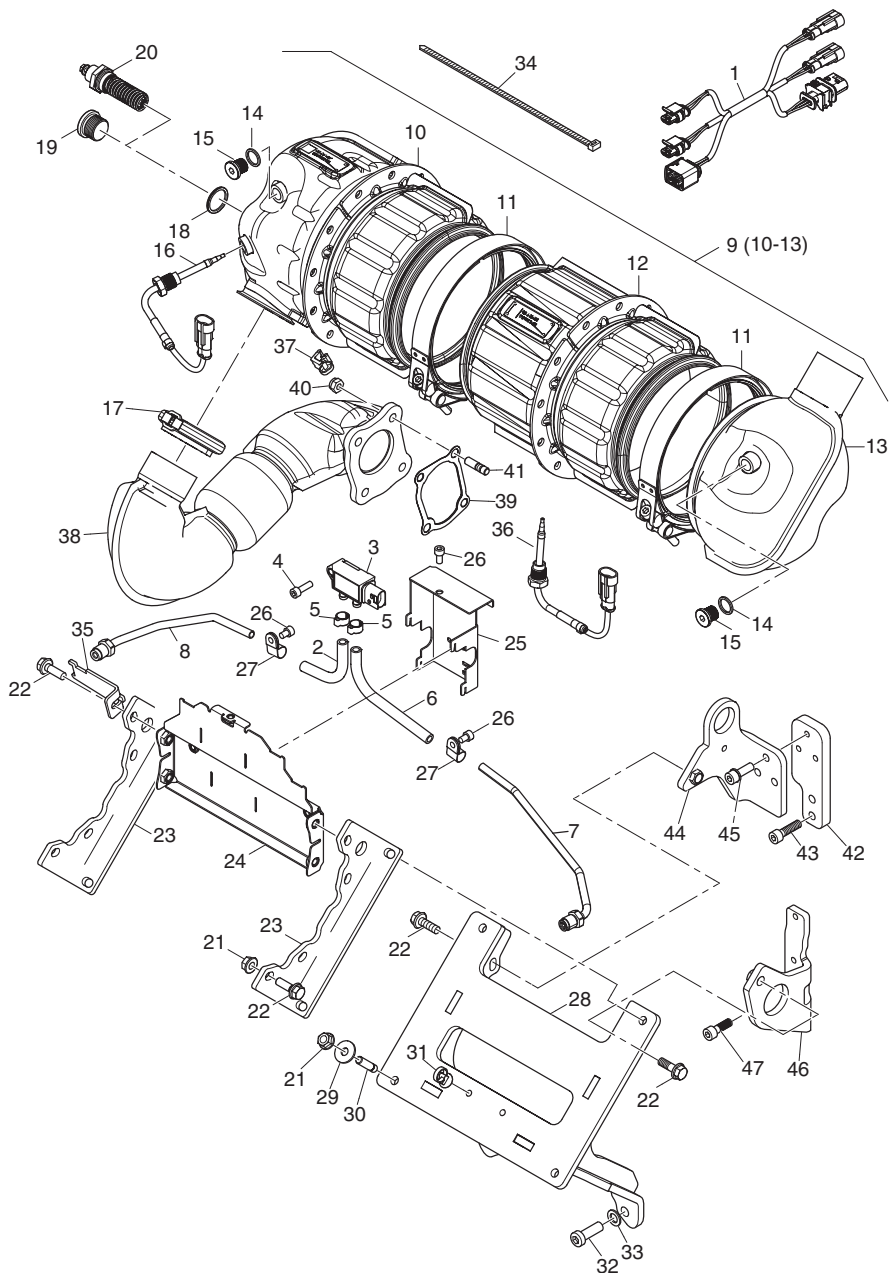


Fig.- No.	HATZ Ident-No.	Qty. Stück	W d / D	Notes Bemerkungen
4H50TICD				
1	0000 025 851 00	1		
2	0000 056 537 00	1		103mm
3	0000 506 801 00	1		
4	0000 501 706 00	1		M 6 x 20 DIN 912-8.8A3B
5	0000 505 112 01	2		Ø 13,8
6	0000 056 538 00	1		145mm
7	0000 025 747 00	1		
8	0000 025 746 00	1		
9	0000 025 468 01	1		
10	0000 025 484 01	1		
11	0000 025 489 00	2		D. 5.66"
12	0000 025 485 01	1		
13	0000 025 488 00	1		
14	0000 500 012 00	2		A 14 x 18 DIN 7603-Cu
15	0000 506 807 00	2		M 14 x 1,5
16	0000 025 845 00	1		T1
17	0000 025 471 00	1		Ø 55
18	0000 500 016 00	2		A 22 x 27 DIN 7603 Cu
19	0000 506 808 00	0... 2		M 22 x 1,5
20	0000 056 324 01	2		13V DPF
21	0000 506 833 00	8		M 8
22	0000 506 810 00	10		M 8 x 25
23	0000 056 315 01	2		
24	0000 025 737 00	1		
25	0000 025 738 00	1		
26	0000 501 491 00	3		M 6 x 12 DIN 912-8.8A3B
27	0000 506 806 00	2		12/15 RS-1
28	0000 025 735 00	1		
29	0000 500 629 00	4		8,4 DIN 9021 St A3B
30	0000 506 811 00	4		M 8 X 25
31	0000 506 747 00	2		6,5 - 7,00
32	0000 500 543 00	2		M10 X 30 DIN 6912-8.8 A3B
33	0000 500 170 00	2		10,5 DIN 433 - St A3B
34	0000 504 395 00	2		2,6 x 200 mm Black
35	0000 056 473 00	1		
36	0000 025 846 00	1		T2
37	0000 506 745 00	1		
38	0000 025 470 00	1		
39	0000 056 516 00	1		TICD
40	0000 400 284 00	4		VM 8 DIN 980-8 C3A
41	0000 506 242 00	4		M8 x 22 DIN 938-8.8 A3B
42	0000 056 536 00	1		
43	0000 501 759 00	2		M 8 X 30 DIN 912-8.8 A3B
44	0000 025 763 00	1		
45	0000 504 176 00	3		M 8 X 25 Z4 DIN 912-8.8 A3B
46	0000 025 764 00	1		
47	0000 501 715 00	2		M 8 X 25 DIN 912-8.8 A3B

Z03f

Exhaust pipe outlet on top
Abgasrohr Austritt oben
Sortie du tuyau d'échappement en haut
Salida del tubo de escape arriba
Uscita del tubo di scarico sopra

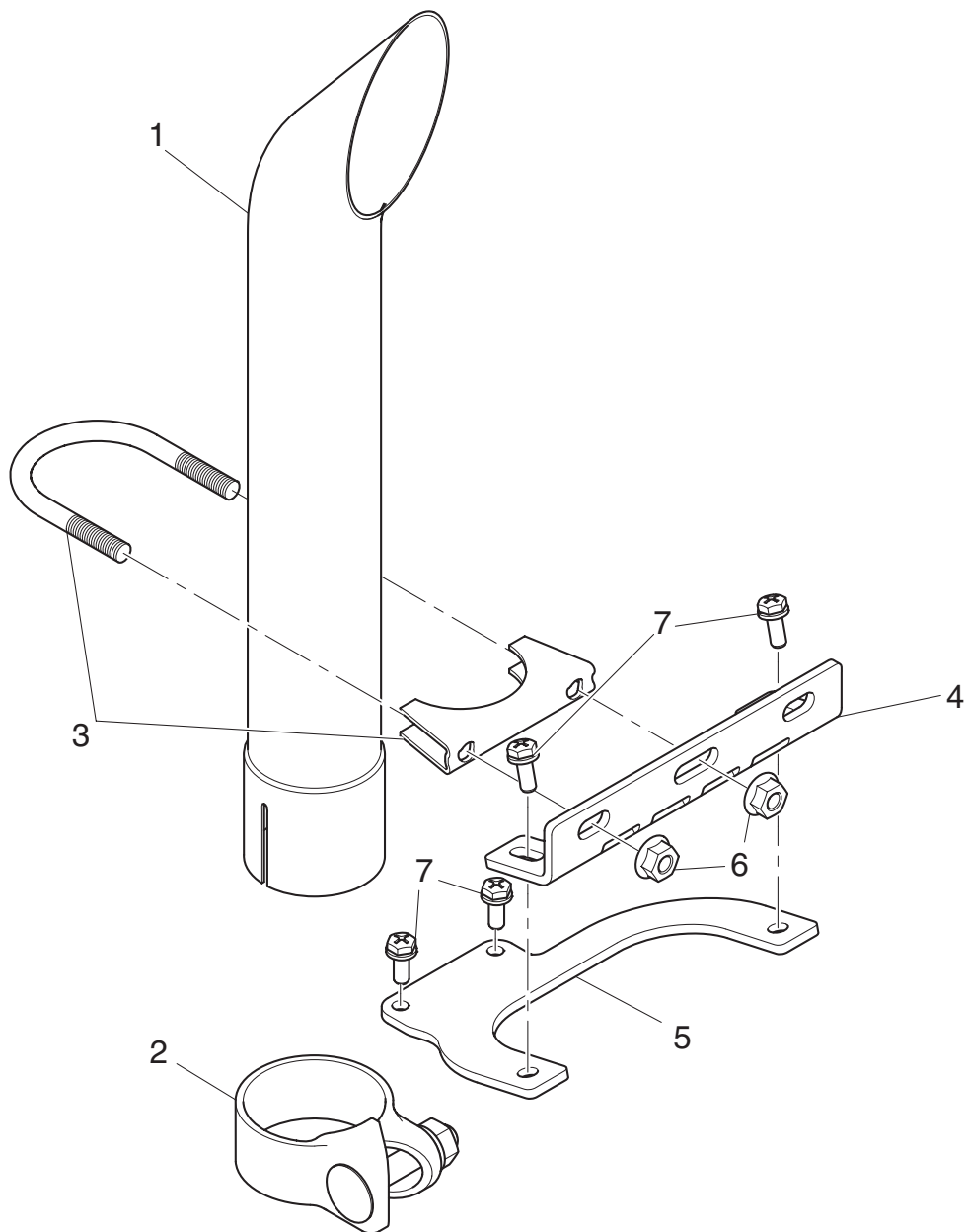
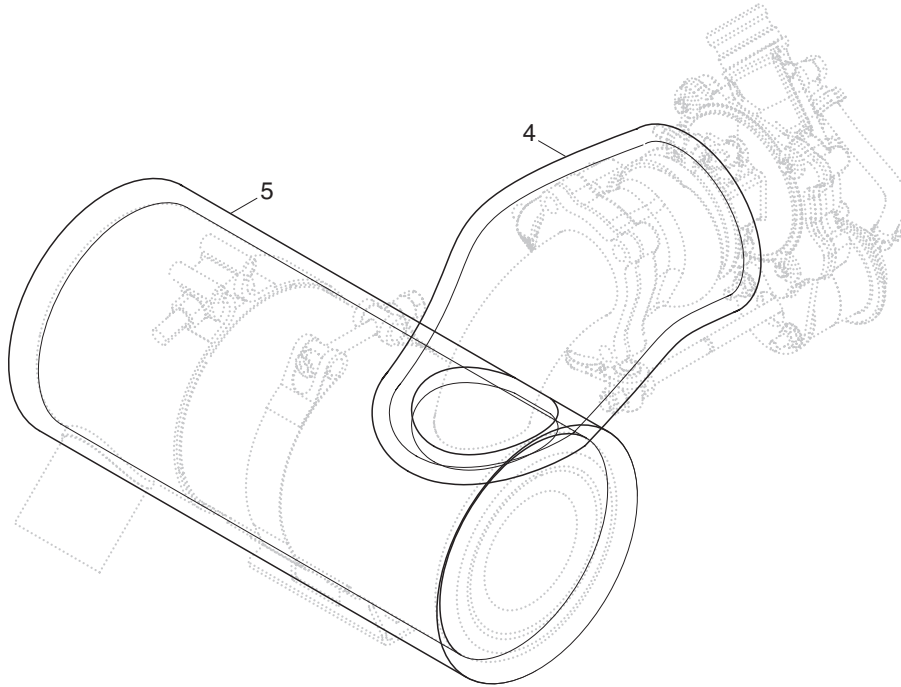
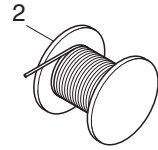
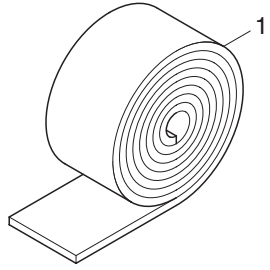


Fig.- No.	HATZ Ident-No.	Qty. Stück		W d / D	Notes Bemerkungen
		4H50TI	4H50TIC		
1	0000 055 808 00	1	1		
2	0000 506 629 00	1	1		
3	0000 504 103 01	1	1		Ø55,5x28mm
4	0000 056 456 10	1	1		50-52
5	0000 025 726 00	1	1		
6	0000 506 833 00	2	2		M 8
7	0000 503 356 00	4	4		M 6 x 16 KZ 1-8.8 A3D

Z03g

Insulation
 Isolation
 Isolement
 Aislamiento
 Isolamento

Fig.- No.	HATZ Ident-No.	Qty. Stück			W d / D	Notes Bemerkungen
		4H50TI	4H50TIC	4H50TICD		
1	0000 055 167 00	-	0... 1	0... 1		50x3x12,5m
2	0000 055 166 00	-	0... 1	0... 1		Ø0,5 x 10.000mm
4	0000 055 432 00	0... 1	0... 1	-		
5	0000 024 573 01	0... 1	0... 1	-		



Z05a

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

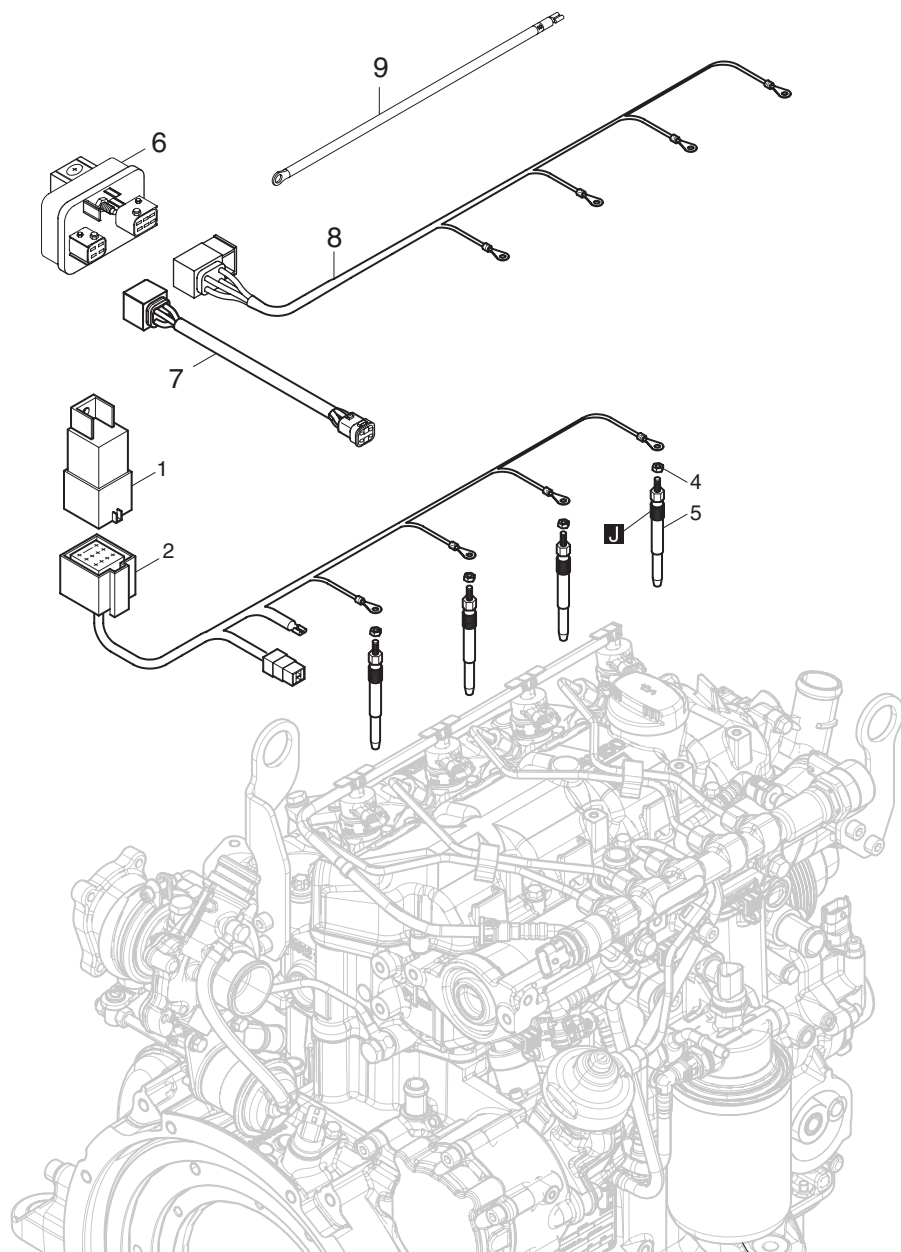


Fig.- No.	HATZ Ident-No.	Qty. Stück			W d / D	Notes Bemerkungen
		4H50TI	4H50TIC	4H50TICD		
1	0000 506 266 00	0... 1	0... 1	0... 1		12V GCU 3
2	0000 023 566 12	0... 1	0... 1	-		12V
2	0000 025 751 01	-	-	0... 1		12V TICD
4	0000 501 471 00	4	4	4		M 4 DIN 934 - 8 A3B
5	0000 506 265 00	0... 4	0... 4	0... 4		12V
5	0000 506 486 01	0... 4	0... 4	0... 4		24V
6	0000 506 581 10	0... 1	0... 1	0... 1		24V GPCU 3
7	0000 024 167 10	0... 1	0... 1	-		24V
7	0000 025 872 00	-	-	1		24V CON.1 TICD
8	0000 024 166 02	0... 1	0... 1	0... 1		24V
9	0000 024 168 00	0... 1	0... 1	0... 1		24V B+ f.GPCU1
10	0000 506 662 00	-	-	1		24V 10/20A

Z05b

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

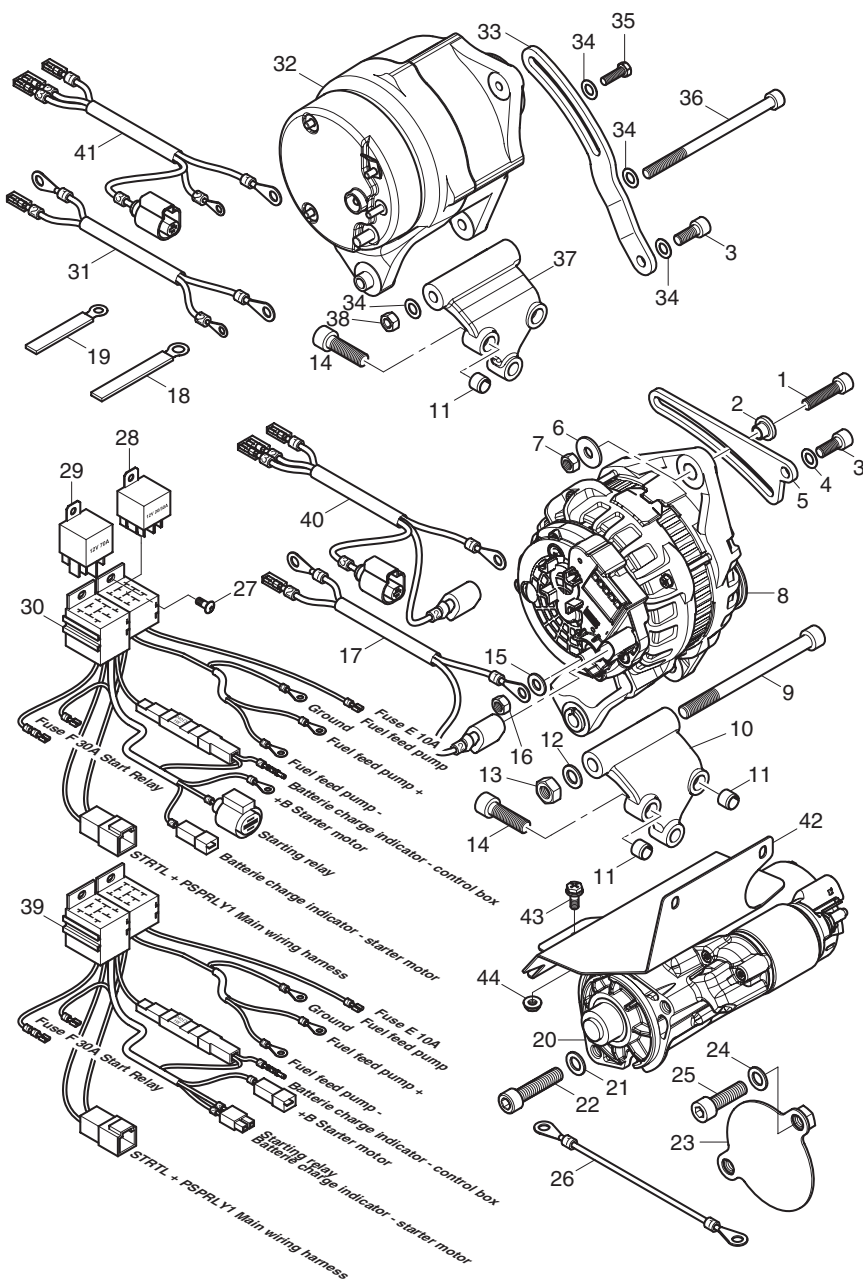
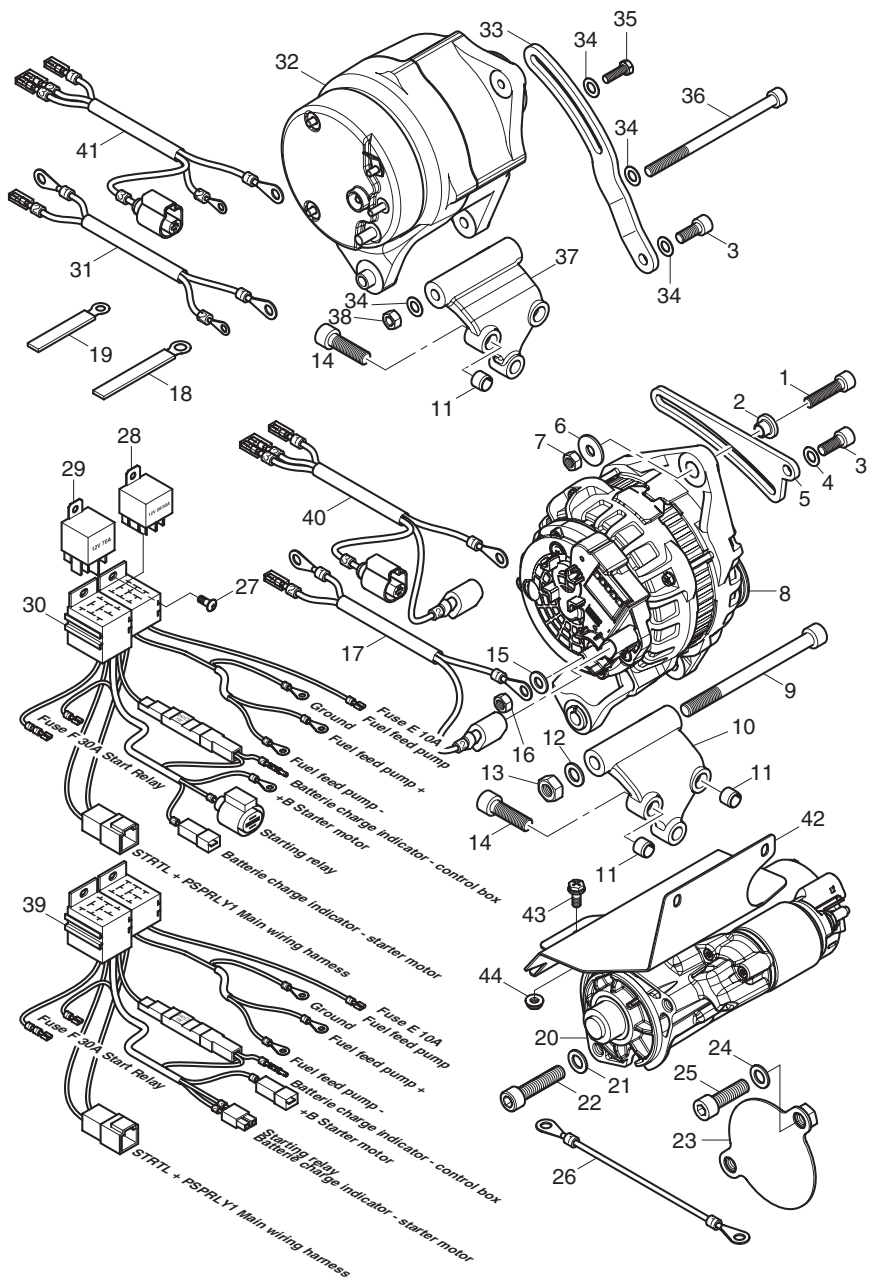


Fig.- No.	HATZ Ident-No.	Qty. Stück			W d / D	Notes Bemerkungen
		4H50TI	4H50TIC	4H50TICD		
1	0000 501 830 00	1	1	1		M 8 X 35 DIN 912-8.8 A3B
2	0000 042 957 00	1	1	1		
3	0000 503 663 00	1	1	1		M 8 X 20 DIN 912-8.8A3B
4	0000 501 481 00	1	1	1		8,4 DIN 125-St A3B
5	0000 043 037 00	1	1	1		
6	0000 500 629 00	1	1	1		8,4 DIN 9021 St A3B
7	0000 501 480 00	1	1	1		M 8 DIN 934-8 A3B
8	0000 506 245 00	0... 1	0... 1	0... 1		14V - 110A
8	0000 506 803 00	0... 1	0... 1	0... 1		14V - 150A
9	0000 504 038 00	1	1	1		M10 X130 DIN 912-8.8 A3B
10	0000 043 036 00	1	1	1		
11	0000 505 023 00	2	2	2		12 x 10 DIN 7346
12	0000 500 170 00	1	1	1		10,5 DIN 433 - St A3B
13	0000 501 458 00	1	1	1		M10 DIN 934-8 A3B
14	0000 503 278 00	3	3	3		M10 X 35 DIN 912-8.8 A3B
15	0000 500 168 00	1	1	1		8,4 DIN 125-MS
16	0000 500 230 00	1	1	1		M 8 DIN 934-MS
17	0000 023 745 01	1	1	-		CV54 I (starter low) 12V
18	0000 050 239 00	0... 2	0... 2	2		
19	0000 050 012 00	0... 2	0... 2	2		
20	0000 506 246 00	0... 1	0... 1	0... 1		12V 2,2 kW
20	0000 506 485 00	0... 1	0... 1	0... 1		24V 3 kW
21	0000 500 170 00	2	2	2		10,5 DIN 433 - St A3B
22	0000 503 618 00	2	2	2		M10 X 50 DIN 912-8.8 A3B
23	0000 023 563 00	1	1	1		
24	0000 500 170 00	2	2	2		10,5 DIN 433 - St A3B
25	0000 500 546 00	2	2	2		M10 X 40 DIN 912-8.8
26	0000 023 384 00	1	1	-		CV54 (starter high)
27	0000 504 923 00	2	2	-		M 5 x 12 ISO 7380-10.9 Zn
28	0000 502 777 01	0... 1	0... 1	-		12V - 20/30A
28	0000 502 778 01	0... 1	0... 1	-		24V - 10/20A
29	0000 504 327 00	0... 1	0... 1	-		12V - 70A
29	0000 504 540 01	0... 1	0... 1	-		24V - 40A
30	0000 023 746 10	1	1	-		CV54 I (starter low)
31	0000 023 962 00	1	1	-		CV54 I (starter low) 24V
32	0000 506 543 00	1	1	1		28V - 65A
33	0000 043 228 00	1	1	1		
34	0000 501 481 00	4	4	4		8,4 DIN 125-St A3B
35	0000 502 079 00	1	1	1		M 6 x 20 DIN 933-8.8 A3B
36	0000 504 630 00	1	1	1		M 8 X130 DIN 912-8.8 A3B
37	0000 043 229 00	1	1	1		
38	0000 503 353 00	1	1	1		M 8 SW 12 A3B
39	0000 023 383 20	1	1	-		CV54 I (starter high)
40	0000 024 162 01	1	1	-		CV54 I (starter high) 12V
41	0000 024 163 00	1	1	-		CV54 I (starter high) 24V
42	0000 055 430 10	0... 1	0... 1	0... 1		
43	0000 503 356 00	0... 1	0... 1	0... 1		M 6 x 16 KZ 1-8.8 A3D
44	0000 506 663 00	0... 1	0... 1	0... 1		M 6
45	0000 500 168 00	-	-	1		8,4 DIN 125-MS

Z05b

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

Fig.- No.	HATZ Ident-No.	Qty. Stück			W d / D	Notes Bemerkungen
		4H50TI	4H50TIC	4H50TICD		
46	0000 500 230 00	-	-	1		M 8 DIN 934-MS
47	0000 025 755 01	-	-	0... 1		C81 B+ starter (starter low)
47	0000 025 757 00	-	-	0... 1		C81 B+ starter (starter high)
48	0000 025 756 00	-	-	0... 1		C81 B+ central el. (starter low)
48	0000 025 758 01	-	-	0... 1		C81 B+ central el. (starter high)



Control unit, Wiring harness - engine
 Steuergerät, Motorkabelbaum
 Dispositif de controle, Faisceau électrique - moteur
 Dispositivo de control, Mazo de cable - motor
 Centralina elettrica, Fascio di cablaggio - motore

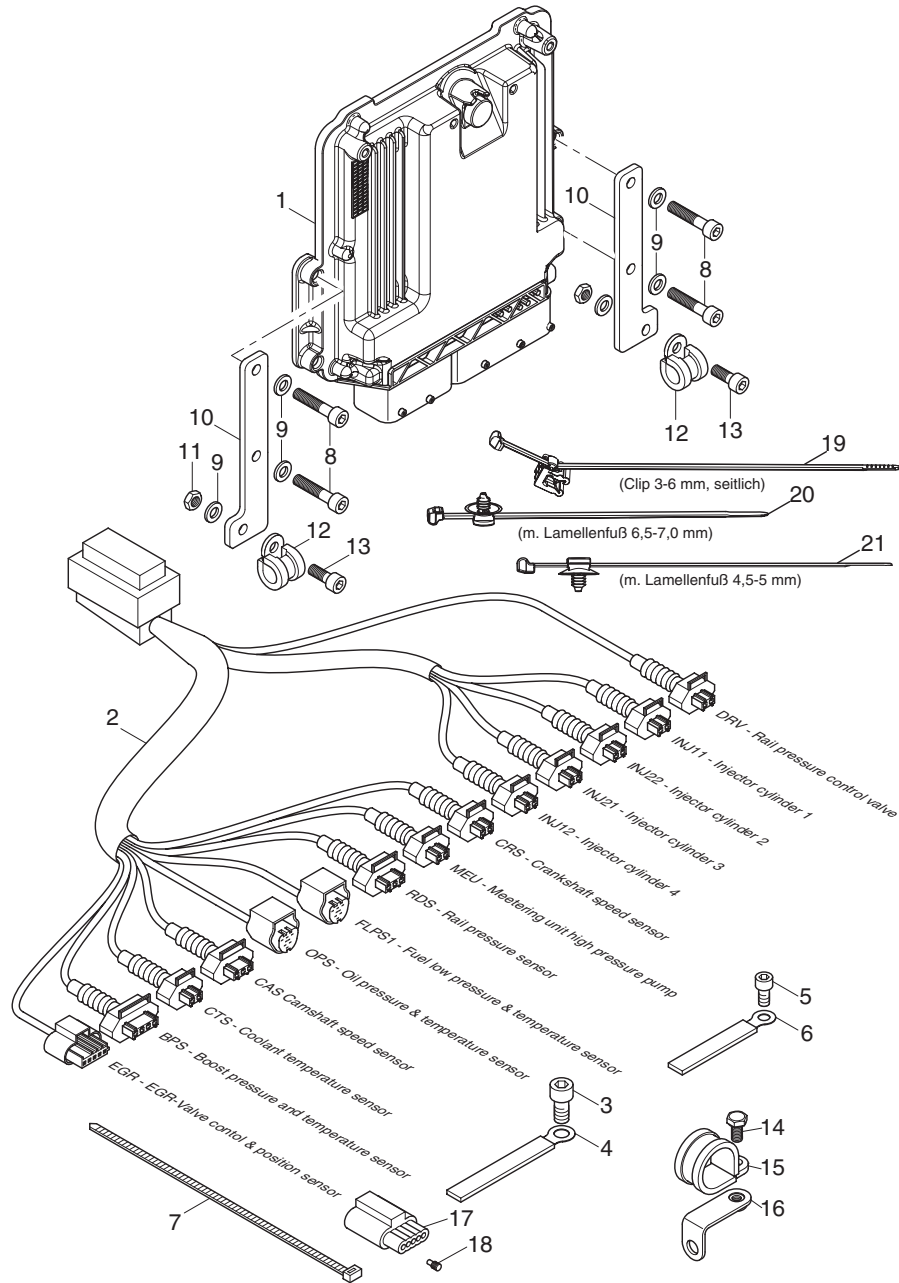


Fig.- No.	HATZ Ident-No.	Qty. Stück			W d / D	Notes Bemerkungen
		4H50TI	4H50TIC	4H50TICD		
1	0000 023 686 00	1	1	-		CV 54 V710 EngineNo needed!
1	0000 025 786 01	-	-	1		C81 V600 EngineNo needed!
2	0000 506 421 00	1	1	-		CV 54
2	0000 025 760 01	-	-	1		C81ITICD
3	0000 501 731 00	0... 2	0... 2	0... 2		M 8 X 10 DIN 912-8.8 A3B
4	0000 050 239 00	0... 2	0... 2	0... 2		
5	0000 501 491 00	0... 7	0... 7	0... 7		M 6 x 12 DIN 912-8.8A3B
6	0000 050 012 00	0... 7	0... 7	0... 7		
7	0000 504 395 00	10	10	10		2,6 x 200 mm Black
8	0000 503 239 00	4	4	4		M 6 x 30 DIN 912-8.8A3B
9	0000 501 445 00	6	6	6		6,4 DIN 125-St A3B
10	0000 054 832 00	2	2	2		
11	0000 501 444 00	2	2	2		M 6 DIN 934 - 8 A3B
12	0000 504 605 00	2	2	2		Ø 16 x 15 mm
13	0000 501 707 00	2	2	2		M 6 x 16 DIN 912-8.8A3B
14	0000 501 655 00	1	1	1		M 6 x 12 DIN 933-8.8 A3B
15	0000 506 566 00	1	1	1		Ø 25 x 15 mm
16	0000 024 291 00	1	1	1		
17	0000 506 644 00	1	-	-		
18	0000 506 147 00	5	-	-		
19	0000 506 743 00	0... 8	0... 8	0... 8		6,5 - 7,00
20	0000 506 747 00	0... 2	0... 2	0... 2		4,5 - 5,00
21	0000 506 746 00	0... 1	0... 1	0... 1		

Wiring harness - chassis
 Chassis-Kabelbaum
 Faisceau électrique - chassis
 Mazo de cable - chasis
 Fascio di cablaggio - châssis

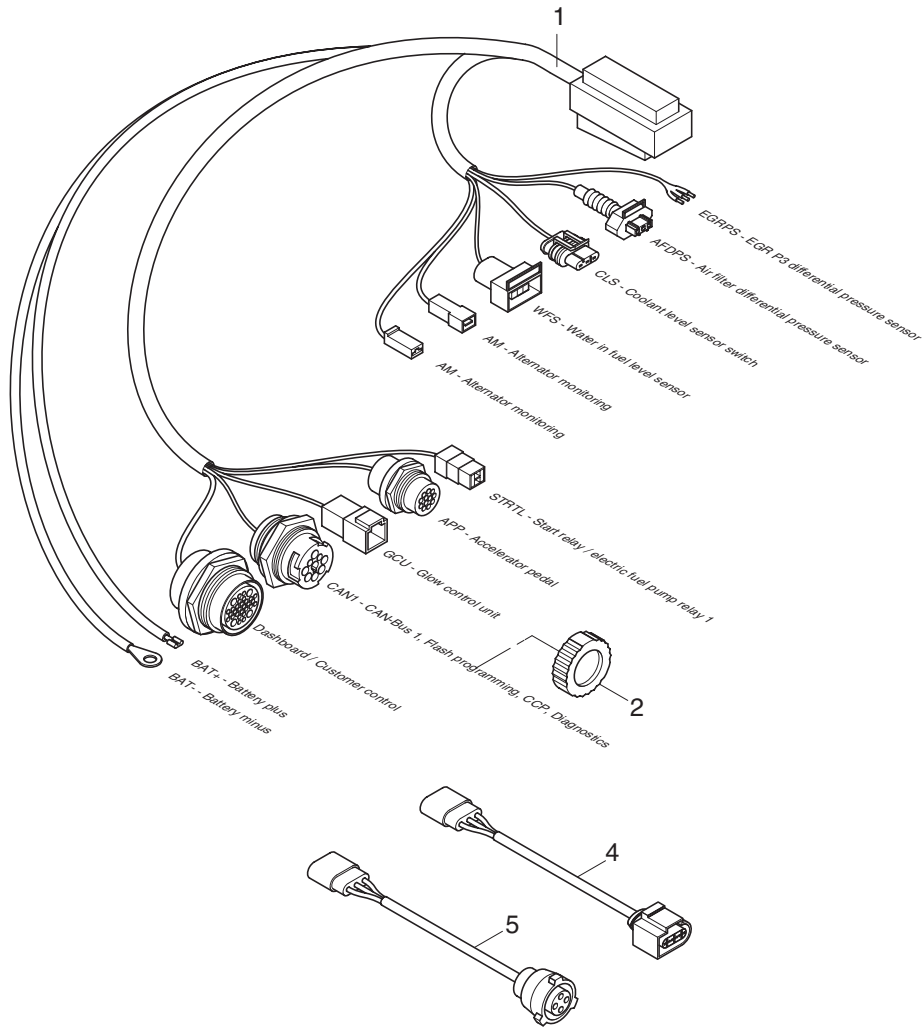


Fig.- No.	HATZ Ident-No.	Qty. Stück			W d / D	Notes Bemerkungen
		4H50TI	4H50TIC	4H50TICD		
1	0000 506 422 20	0... 1	0... 1	-	CV54 V710	
1	0000 025 762 00	-	-	0... 1	C81 T1CD	
2	0000 506 525 00	1	1	-	CV54	
2	0000 506 829 00	-	-	1	C81	
4	0000 025 017 00	1	1	1		
5	0000 025 016 00	1	1	1		

Z05e

Fusebox
Sicherungskasten
coffret de fusibles
caja de fusibles
quadro dei fusibili

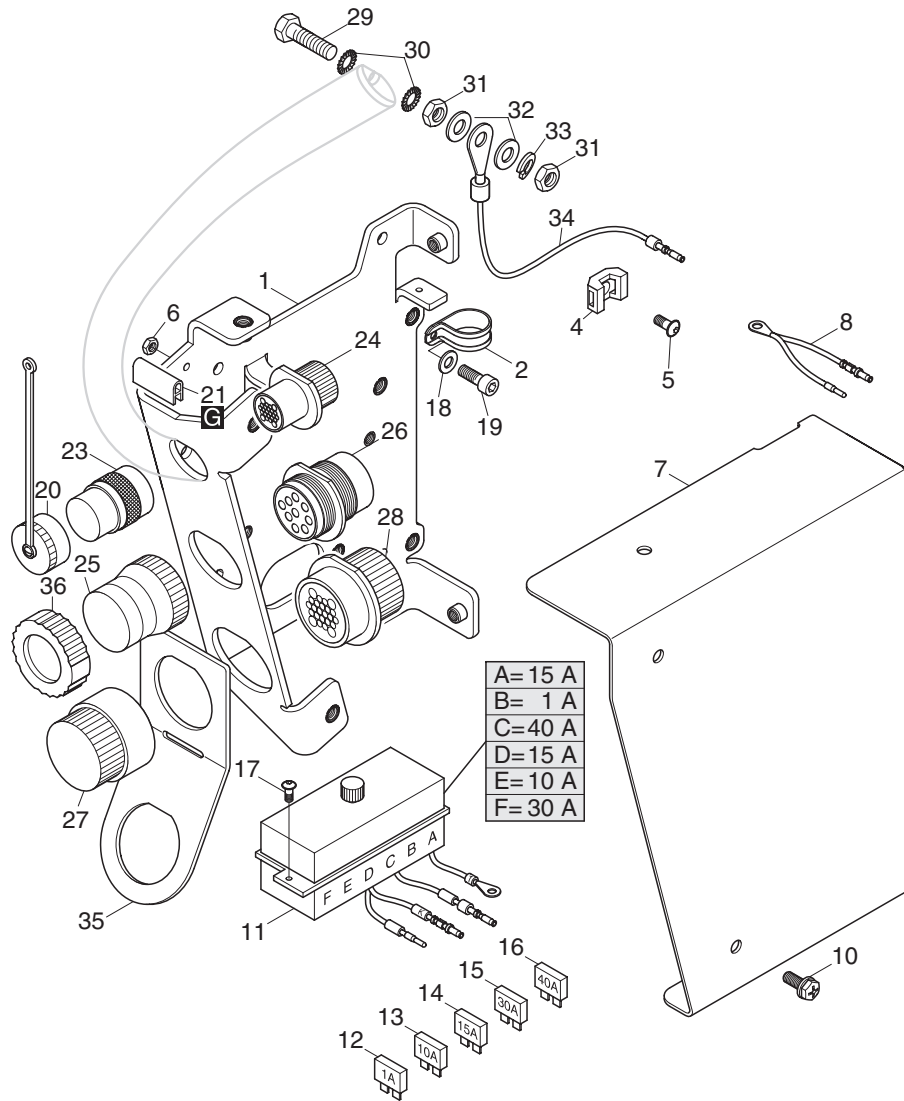


Fig.- No.	HATZ Ident-No.	Qty. Stück			W d / D	Notes Bemerkungen
		4H50TI	4H50TIC	4H50TICD		
1	0000 024 064 00	1	1	-		
2	0000 501 903 10	2	2	-	21/15	
4	0000 504 902 00	3	3	-		
5	0000 504 923 00	3	3	-	M 5 x 12 ISO 7380-10.9 Zn	
6	0000 500 943 00	1	1	-	M 5 DIN 934-8 A3B	
7	0000 054 833 00	1	1	-		
8	0000 023 845 00	1	1	-		
10	0000 506 326 00	5	5	-	M 6 X 20 DIN 6921-F-8.8-A3B	
11	0000 023 809 01	1	1	-		
12	0000 506 483 00	1	1	-	1 A	
13	0000 504 593 00	1	1	-	10 A	
14	0000 504 304 00	1	1	-	15 A	
15	0000 504 307 00	1	1	-	30 A	
16	0000 504 330 00	1	1	-	40 A	
17	0000 504 454 01	2	2	-	M 4 x 10 ST	
18	0000 501 445 00	2	2	-	6,4 DIN 125-St A3B	
19	0000 501 707 00	2	2	-	M 6 x 16 DIN 912-8.8A3B	
20	0000 506 636 00	1	1	-		
21	0000 055 231 01	1	1	-		
23	0000 023 941 01	1	1	-	acc.pedal	
24	0000 024 066 00	1	1	-	acc.pedal	
25	0000 023 943 00	1	1	-	diagnosis	
26	0000 024 067 00	1	1	-	diagnosis	
27	0000 023 944 00	1	1	-	customer control / dashboard	
28	0000 024 065 01	1	1	-	customer control / dashboard	
29	0000 501 362 00	1	1	-	M 8X 30 DIN 933 - 8.8 A3B	
30	0000 504 269 00	2	2	-	A 8,4 DIN 6798 A3B	
31	0000 501 480 00	2	2	-	M 8 DIN 934-8 A3B	
32	0000 501 481 00	2	2	-	8,4 DIN 125-St A3B	
33	0000 502 085 00	1	1	-	8 DIN 128 A3B	
34	0000 024 292 00	1	1	-		
35	0000 055 160 00	0...1	0...1	-		
36	0000 506 525 00	1	1	-	CV54	

Z05f

Speed control
 Drehzahlverstellung
 Reglage regime
 Ajuste de revoluciones
 Regolatore di giri

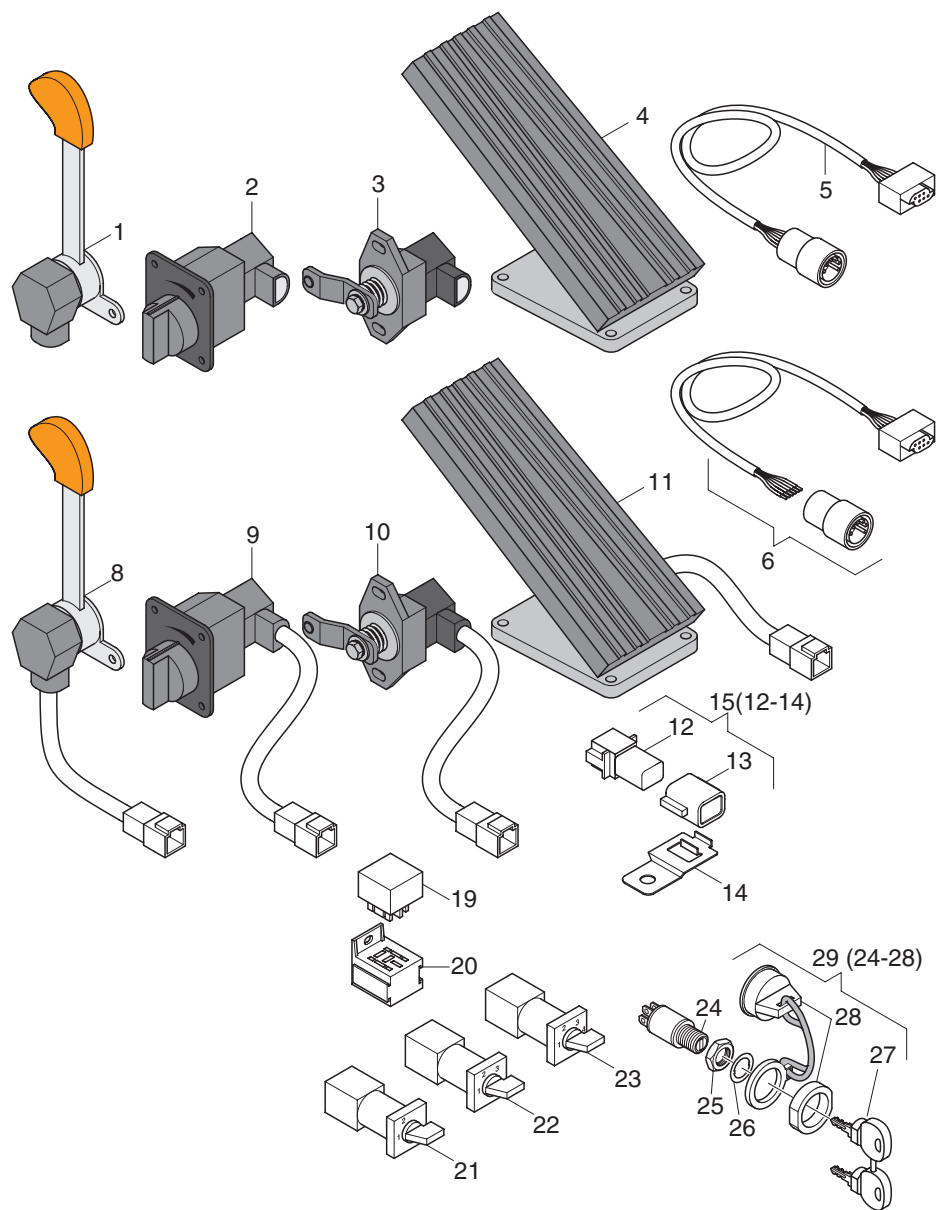


Fig.- No.	HATZ Ident-No.	Qty. Stück			W d / D	Notes Bemerkungen
		4H50TI	4H50TIC	4H50TICD		
1	0000 506 493 00	0... 1	0... 1	-	Analog	
2	0000 506 494 00	0... 1	0... 1	-	Analog	
3	0000 506 496 00	0... 1	0... 1	-	Analog	
4	0000 506 495 01	0... 1	0... 1	-	Analog	
5	0000 024 872 00	1	1	-	2,0m	
6	0000 024 860 00	1	1	-	max 5,0m	
8	0000 024 202 03	0... 1	0... 1	0... 1	CAN	
9	0000 024 205 03	0... 1	0... 1	0... 1	CAN	
10	0000 024 203 03	0... 1	0... 1	0... 1	CAN	
11	0000 024 204 03	0... 1	0... 1	0... 1	CAN	
12	-----	-	-	-		
13	-----	-	-	-		
14	0000 506 340 00	1	1	1		
15	0000 024 201 01	1	1	1	CAN Converter	
19	0000 055 154 00	1	1	1		
20	0000 502 760 00	1	1	1		
21	0000 506 637 00	0... 1	0... 1	0... 1	2-fold-speed	
22	0000 506 638 00	0... 1	0... 1	0... 1	3-fold-speed	
23	0000 506 639 00	0... 1	0... 1	0... 1	4-fold-speed	
24	-----	-	-	-		
25	-----	-	-	-		
26	-----	-	-	-		
27	0000 506 008 00	2	2	2	Nr. 607	
28	0000 506 009 00	1	1	1		
29	0000 505 995 01	1	1	1		

Z05g

Instrument box, CAN-display
 Armaturenkasten, CAN-display
 Boîtier de bord, CAN-display
 Cuadro de mando, CAN-display
 Cruscotto, CAN-display

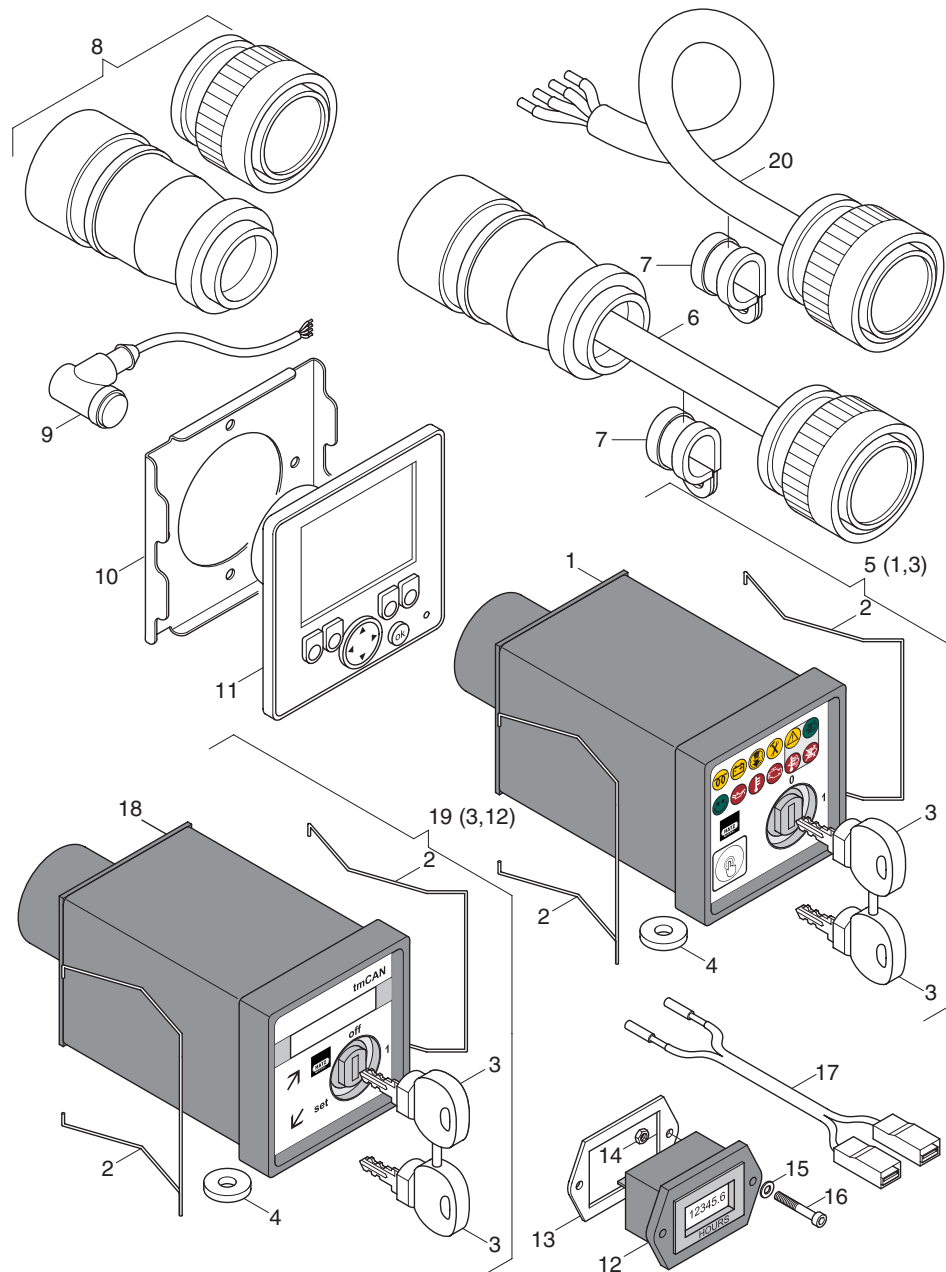


Fig.- No.	HATZ Ident-No.	Qty. Stück		W d / D	Notes Bemerkungen
		4H50TI	4H50TIC		
1	-----	-	-		
2	0000 506 706 00	2	2		
3	0000 506 008 00	2	2		Nr. 607
4	0000 501 143 00	3	3		6,4 x 17 x 3 DIN 7349 A3B
5	0000 024 284 01	1	1		TT-CAN
6	0000 024 257 00	1	1		TT-CAN 2000mm
6	0000 024 875 00	1	1		TM-CAN 2000mm
7	0000 501 584 00	1	1		14/ 15
8	0000 024 471 00	1	1		TT-CAN Connector set
8	0000 024 997 00	1	1		TM-CAN Connector set
9	0000 506 600 00	1	1		IFM 5000mm
10	0000 506 277 00	1	1		
11	0000 025 003 00	1	1		CV54 EngineNo needed!
12	0000 506 672 00	1	1		
13	0000 506 673 00	1	1		
14	0000 505 433 00	2	2		M 3 DIN 980-V-8-ZN
15	0000 504 008 00	2	2		3,2 DIN 9021-ST ZN
16	0000 503 915 00	2	2		M 3 x 20 DIN 912-8.8A3B
17	0000 024 809 00	1	1		
18	-----	-	-		
19	0000 024 995 00	1	1		TM-CAN
20	0000 024 837 01	1	1		TT-CAN 0-5000mm
20	0000 024 908 00	1	1		TM-CAN 0-5000mm

Z05h

Alternator with vacuum pump
 Generator mit Vakuumpumpe
 Alternateur avec pompe à vide
 Alternador con bomba de vacío
 Alternatore con pompa a vuoto

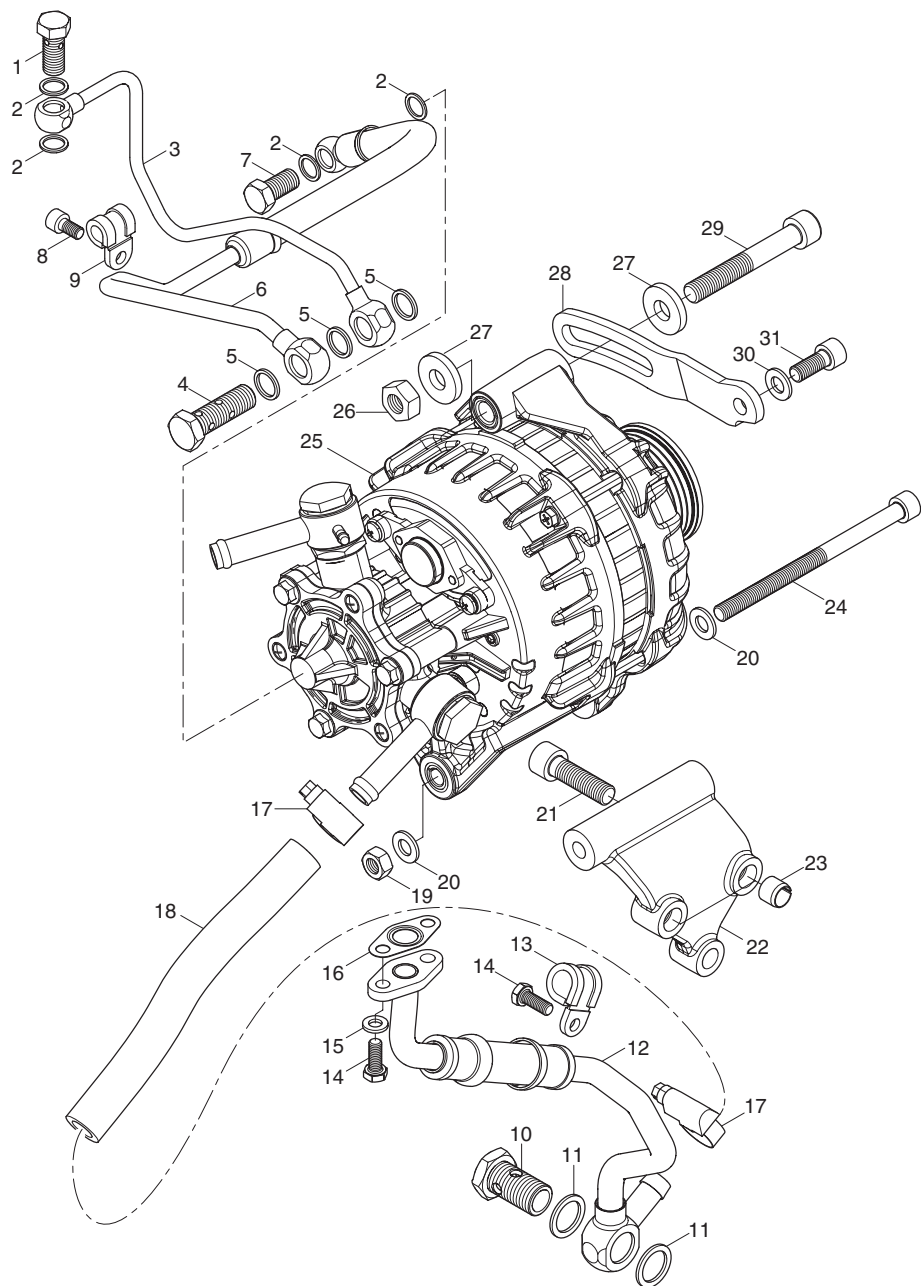


Fig.- No.	HATZ Ident-No.	Qty. Stück			W d / D	Notes Bemerkungen
		4H50TI	4H50TIC	4H50TICD		
1	0000 501 697 01	1	1	1		M10 x 1 DIN 7643-6-3
2	0000 500 624 00	4	4	4		A 10 x 13,5 DIN 7603-Cu
3	0000 020 340 00	1	1	1		
4	0000 506 692 00	1	1	1		M12X1,5
5	0000 500 011 00	3	3	3		A 12 x 15,5 DIN 7603-Cu
6	0000 020 573 00	1	1	1		
7	0000 043 380 00	1	1	1		M10X1,5
8	0000 501 491 00	1	1	1		M 6 x 12 DIN 912-8.8A3B
9	0000 504 208 00	1	1	1		
10	0000 505 589 00	1	1	1		10-3 DIN 7643-3 TYPE 8093
11	0000 500 013 00	2	2	2		A 16 x 22 DIN 7603 - Cu
12	0000 020 646 00	1	1	1		
13	0000 506 306 00	1	1	1		
14	0000 501 771 00	3	3	3		M 6 x 16 DIN 933-8.8 A3B
15	0000 501 445 00	2	2	2		6,4 DIN 125-St A3B
16	0000 043 004 00	1	1	1		
17	0000 504 756 00	2	2	2		Ø 12 - 22 x 9
18	0000 043 124 00	1	1	1		
19	0000 501 480 00	1	1	1		M 8 DIN 934-8 A3B
20	0000 501 481 00	2	2	2		8,4 DIN 125-St A3B
21	0000 503 278 00	3	3	3		M10 X 35 DIN 912-8.8 A3B
22	0000 043 326 00	1	1	1		
23	0000 505 023 00	2	2	2		12 x 10 DIN 7346
24	0000 504 261 00	1	1	1		M 8 X120 DIN 912-8.8 A3B
25	0000 043 413 00	1	1	1		14V - 117A
26	0000 501 458 00	1	1	1		M10 DIN 934-8 A3B
27	0000 500 706 00	2	2	2		10,5 x 25 x 4 DIN 7349 A3B
28	0000 043 397 00	1	1	1		
29	0000 035 377 00	1	1	1		M10 X 70
30	0000 501 481 00	1	1	1		8,4 DIN 125-St A3B
31	0000 503 663 00	1	1	1		M 8 X 20 DIN 912-8.8A3B

Z05i

Instrument box, CAN-display
 Armaturenkasten, CAN-display
 Boîtier de bord, CAN-display
 Cuadro de mando, CAN-display
 Cruscotto, CAN-display

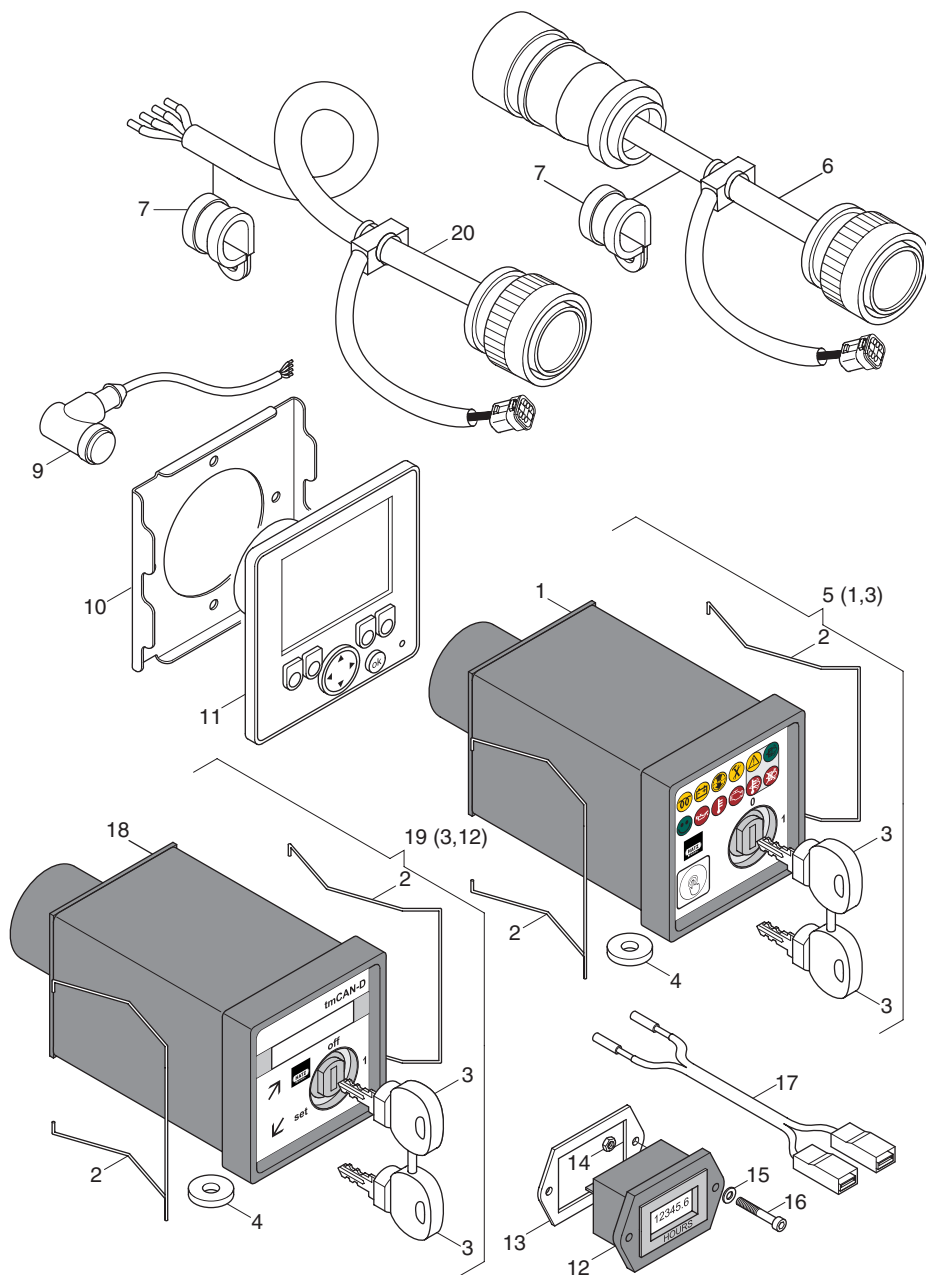


Fig.- No.	HATZ Ident-No.	Qty. Stück	W d / D	Notes Bemerkungen
4H50TICD				
1	-----	-		
2	0000 506 706 00	2		
3	0000 506 008 00	2		Nr. 607
4	0000 501 143 00	3		6,4 x 17 x 3 DIN 7349 A3B
5	0000 025 907 00	1		TT-CAN-D
6	0000 025 974 00	1		TT-CAN-D TM-CAN-D 2000mm
7	0000 501 584 00	1		14/ 15
9	0000 506 600 00	1		IFM 5000mm
10	0000 506 277 00	1		
11	0000 025 980 00	1		C81 EngineNo needed!
12	0000 506 672 00	1		
13	0000 506 673 00	1		
14	0000 505 433 00	2		M 3 DIN 980-V-8-ZN
15	0000 504 008 00	2		3,2 DIN 9021-ST ZN
16	0000 503 915 00	2		M 3 x 20 DIN 912-8.8A3B
17	0000 024 809 00	1		
18	-----	-		
19	0000 025 977 00	1		TM-CAN-D
20	0000 025 975 00	1		TT-CAN-D TM-CAN-D 0-5000mm

Engine brackets
 Motorfüsse
 Pieds de moteur
 Soportes del motor
 Piedini del motore

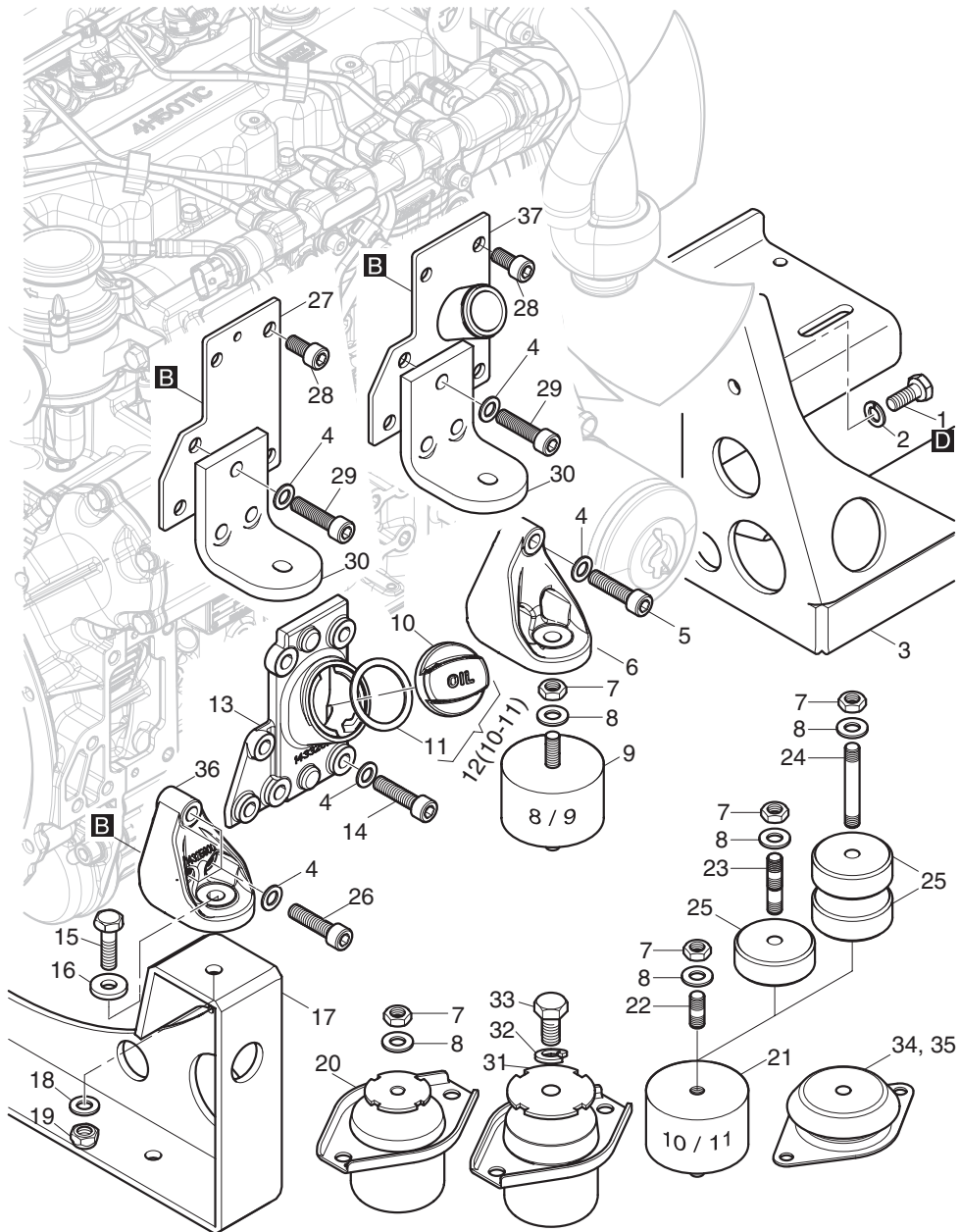


Fig.- No.	HATZ Ident-No.	Qty. Stück			W d / D	Notes Bemerkungen
		4H50TI	4H50TIC	4H50TICD		
1	0000 501 364 00	6	6	6		M 10 x 25 DIN 933 - 8.8 A3B
2	0000 501 356 00	6	6	6		10 DIN 128 A3B
3	0000 054 828 01	1	1	1		
4	0000 500 170 00	7... 15	7... 15	7... 15		10,5 DIN 433 - St A3B
5	0000 500 551 00	3... 9	3... 9	3... 9		M10 X 55 DIN 912-8.8
6	0000 043 040 10	1... 3	1... 3	1... 3		
7	0000 501 458 00	8	8	8		M10 DIN 934-8 A3B
8	0000 501 356 00	8	8	8		10 DIN 128 A3B
9	0000 502 602 00	0... 4	0... 4	0... 4		Ø70x45 - 55 SH „8“
9	0000 502 603 00	0... 4	0... 4	0... 4		Ø70x45 - 65 SH „9“
10	0000 506 708 01	1	1	1		
13	0000 043 325 11	1	1	1		
14	0000 503 278 00	3	3	3		M10 X 35 DIN 912-8.8 A3B
15	0000 503 276 00	2	2	2		M 10 x 35 DIN 933 - 8.8 A3B
16	0000 500 706 00	2	2	2		10,5 x 25 x 4 DIN 7349 A3B
17	0000 054 827 01	1	1	1		
18	0000 501 459 00	2	2	2		10,5 DIN 125-St A3B
19	0000 400 286 00	2	2	2		VM 10 DIN 980-8 C3A
20	0000 503 236 00	0... 4	0... 4	0... 4		V 12 / 600
21	0000 506 617 00	0... 4	0... 4	0... 4		Ø70x45 - 55 SH „10“
21	0000 506 618 00	0... 4	0... 4	0... 4		Ø70x45 - 70 SH „11“
22	0000 503 882 00	0... 4	0... 4	0... 4		M10 x 25 DIN 939-8.8A3B
23	0000 506 620 00	0... 4	0... 4	0... 4		M10 x 45 DIN 939-8.8A3B
24	0000 506 621 00	0... 4	0... 4	0... 4		M10 x 65 DIN 939-8.8A3B
25	0000 055 147 00	0... 8	0... 8	0... 8		55 x 10 x 20
26	0000 500 552 00	3	3	3		M 10 x 60 DIN 912-8.8A3B
27	0000 043 305 00	1	1	1		
28	0000 501 732 00	3	3	3		M10 X 20 DIN 912-8.8 A3B
29	0000 500 546 00	3	3	3		M10 X 40 DIN 912-8.8
30	0000 043 306 02	1	1	1		
31	0000 402 173 00	0... 4	0... 4	0... 4		V1500
32	0000 500 632 00	0... 4	0... 4	0... 4		12 DIN 128 A3B
33	0000 502 119 00	0... 4	0... 4	0... 4		M12X 25 DIN 933 - 8.8 A3B
34	0000 506 679 00	0... 4	0... 4	0... 4		40SH
35	0000 506 678 00	0... 4	0... 4	0... 4		60SH
36	0000 043 259 00	1	1	1		
37	0000 020 938 00	0... 1	0... 1	0... 1		

Z07a

Oil sump, oil cooler, dipstick
 Ölwanne, Ölkühler, Tauchstab
 Carter d'huile, radiateur d'huile, Jauge
 Carter de aceite, radiador de aceite, varilla
 Coppa olio, radiatore dell'olio, asta

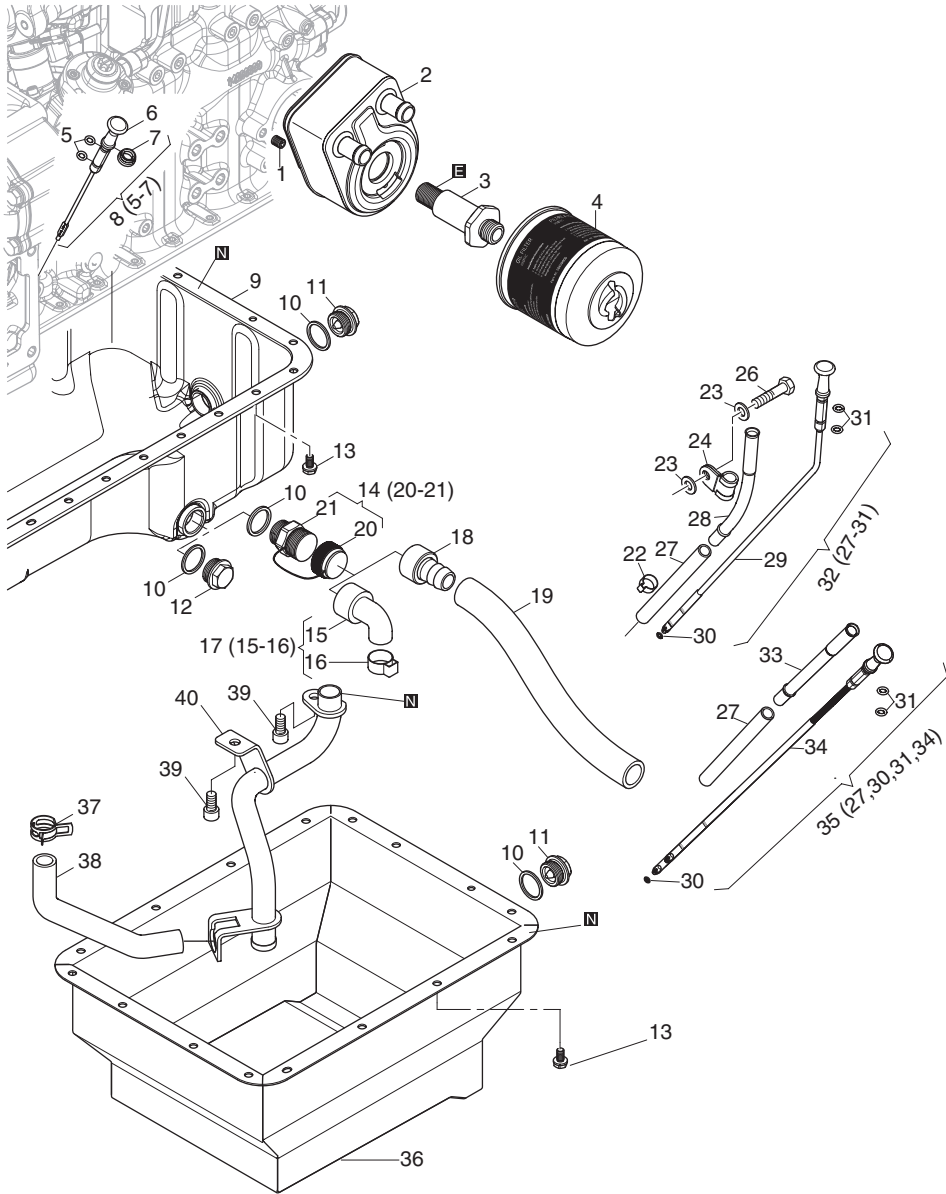


Fig.- No.	HATZ Ident-No.	Qty. Stück			W d / D	Notes Bemerkungen
		4H50TI	4H50TIC	4H50TICD		
1	0000 505 306 00	1	1	1		M 8 X 10 DIN 913-45H-A3B-KL
2	0000 506 354 10	1	1	1		
3	0000 043 047 01	1	1	1		
4	0000 506 388 01	1	1	1		
5	0000 400 220 00	2	2	2		5 x 2
6	-----	-	-	-		
7	0000 040 845 00	1	1	1		
8	0000 020 335 00	0...1	0...1	0...1		
9	0000 020 322 20	0...1	0...1	0...1		
10	0000 500 016 00	2	2	2		A 22 x 27 DIN 7603 Cu
11	0000 503 731 00	2	2	2		AM22x1,5DIN7604A3B MAGN.
12	0000 501 404 00	1	1	1		AM22x1,5DIN7604-5.8A3B
13	0000 503 410 00	18	18	18		M 6 x 13 KZ 1 8.8 A3D
14	0000 502 814 13	1	1	1		M22 x 1,5 31lang
15	-----	-	-	-		
16	-----	-	-	-		
17	0000 506 562 00	1	1	1		
18	0000 011 230 01	1	1	1		
19	0000 039 119 00	0...1	0...1	0...1		1000mm
19	0000 054 220 00	0...1	0...1	0...1		2000mm
20	0000 491 025 00	1	1	1		
21	-----	-	-	-		
22	0000 505 112 01	1	1	1		Ø 13,8
23	0000 501 481 00	2	2	2		8,4 DIN 125-St A3B
24	0000 505 898 00	1	1	1		
26	0000 501 498 00	1	1	1		M 8 x 35 DIN 933 - 8.8 A3B
27	0000 052 855 00	1	1	1		
28	0000 050 535 10	1	1	1		
29	-----	-	-	-		
30	0000 502 025 02	1	1	1		3,0 x 1,6
31	0000 400 220 00	2	2	2		5 x 2
32	0000 020 717 00	0...1	0...1	0...1		f. Pos. 36-50°
33	0000 043 492 00	1	1	1		
34	-----	-	-	-		
35	0000 020 744 00	0...1	0...1	0...1		f. Pos. 36-50° hoch, high
36	0000 020 787 00	0...1	0...1	0...1		50°
37	0000 506 766 00	1	1	1		Ø 20-21,6
38	0000 043 534 00	1	1	1		
39	0000 500 516 00	2	2	2		M 8 X 16 DIN 912-8.8
40	0000 020 788 00	1	1	1		50°

High dipstick, oil filter vertical
 Tauchstab hochgezogen, Schmierölfilter vertikal
 Jauge haut, filtre a huile vertical
 Varilla aceite, filtro de aceite vertical
 asta alta, filtro olio verticale

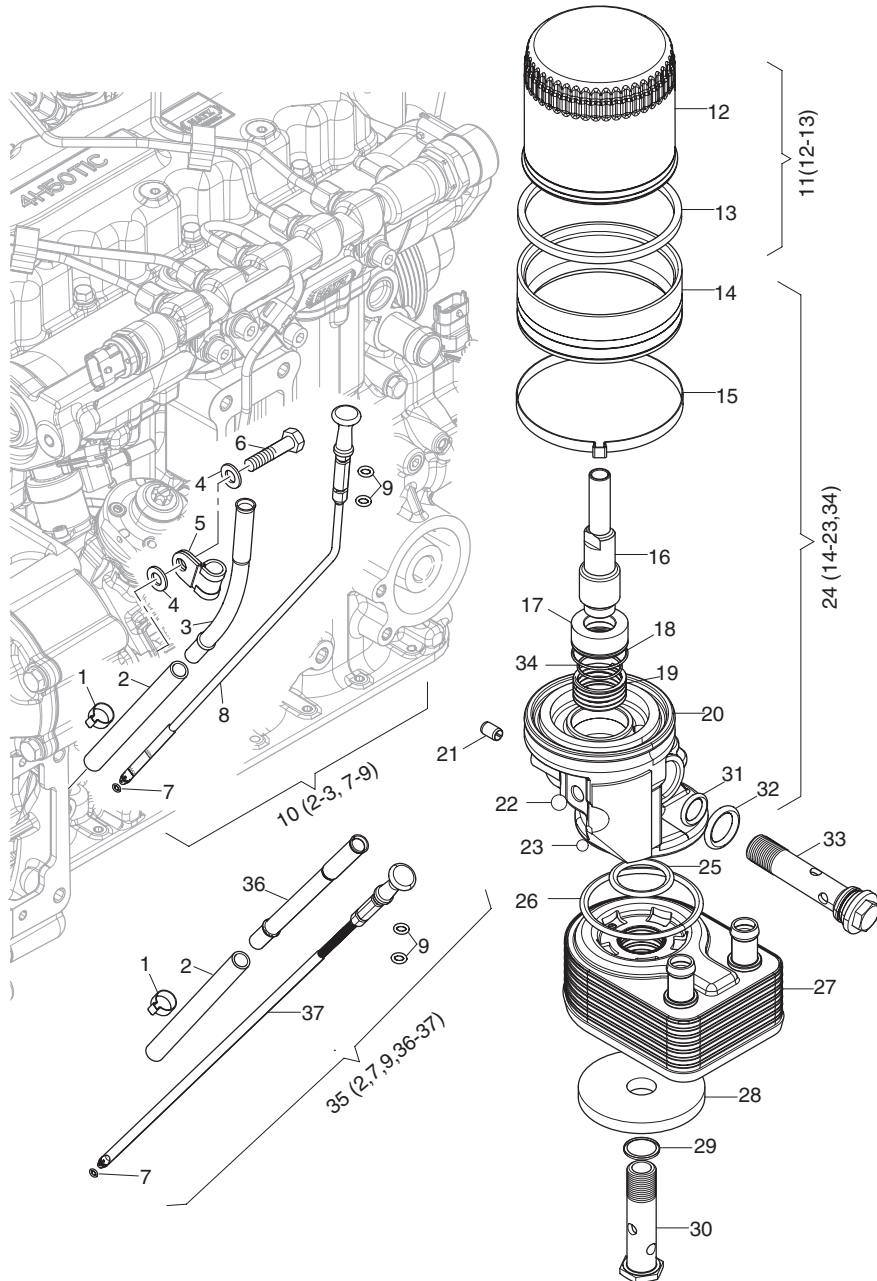


Fig.- No.	HATZ Ident-No.	Qty. Stück			W d / D	Notes Bemerkungen
		4H50TI	4H50TIC	4H50TICD		
1	0000 505 112 01	1	1	1		Ø 13,8
2	0000 052 855 00	1	1	1		
3	0000 050 535 10	1	1	1		
4	0000 501 481 00	2	2	2		8,4 DIN 125-St A3B
5	0000 505 898 00	1	1	1		
6	0000 501 498 00	1	1	1		M 8 x 35 DIN 933 - 8.8 A3B
7	0000 502 025 02	1	1	1		3,0 x 1,6
8	-----	-	-	-		
9	0000 400 220 00	2	2	2		5 x 2
10	0000 020 481 01	0... 1	0... 1	0... 1		
11	0000 024 024 00	1	1	1		
12	-----	-	-	-		
13	-----	-	-	-		
14	0000 043 168 00	1	1	1		
15	0000 506 443 00	1	1	1		Ø 99,4 - 102,5
16	-----	-	-	-		
17	-----	-	-	-		
18	-----	-	-	-		
19	-----	-	-	-		
20	-----	-	-	-		
21	0000 500 849 01	1	1	1		8 x 12 DIN 7346 55 Si 7 2Fasen
22	-----	-	-	-		
23	-----	-	-	-		
24	0000 024 234 10	1	1	1		
25	0000 506 492 00	1	1	1		Ø30 x 4
26	0000 506 445 00	1	1	1		Ø67 x 4
27	0000 506 354 10	1	-	-		
28	0000 043 172 02	1	1	1		
29	0000 500 014 00	1	1	1		A 18 x 22 DIN 7603 - Cu
30	0000 043 512 00	1	1	1		
31	0000 500 907 00	1	1	1		Ø18 x 4
32	0000 502 437 00	1	1	1		22 x 2
33	0000 043 511 00	1	1	1		
34	-----	-	-	-		
35	0000 020 741 00	0... 1	0... 1	0... 1		Dipstick high lateral Intake hose
36	0000 043 492 00	1	1	1		
37	-----	-	-	-		

Z11a

Central electrical system
 Zentralelektrik
 Centrale électrique
 Electrico central
 Central electrical system

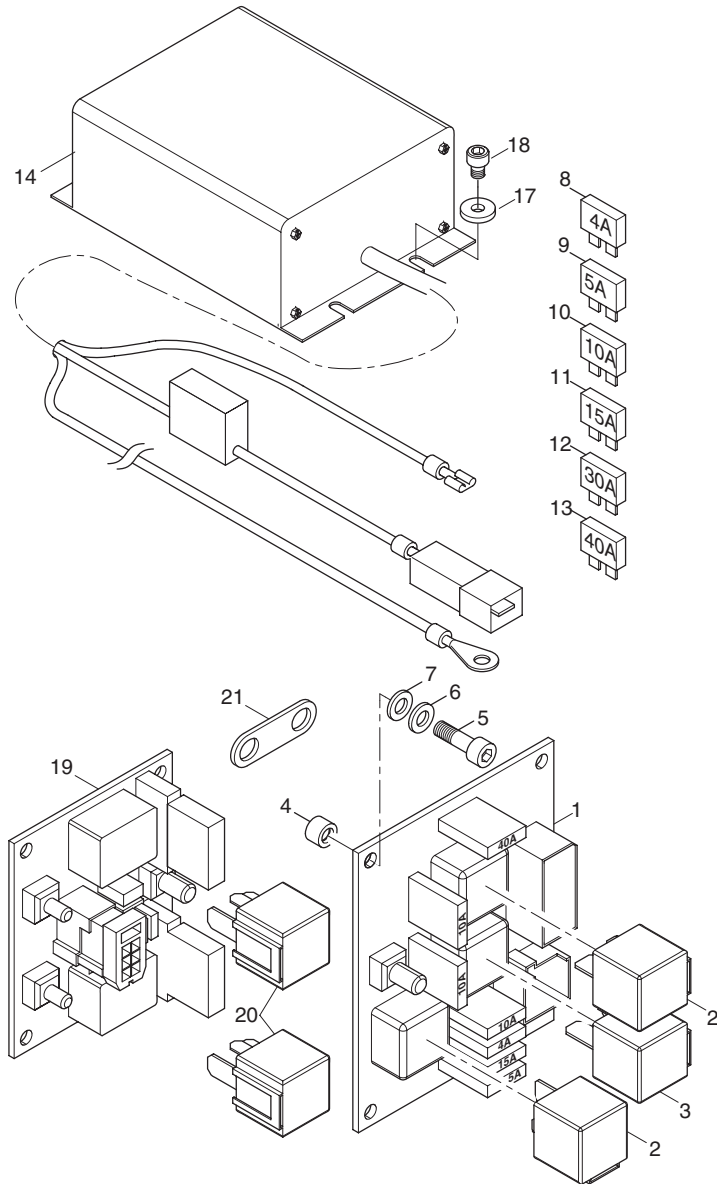


Fig.- No.	HATZ Ident-No.	Qty. Stück	W d / D	Notes Bemerkungen
4H50TICD				
1	0000 025 753 00	1		
2	0000 506 705 00	2		12V
3	0000 504 327 00	1		12V - 70A
4	0000 506 834 00	4		
5	0000 501 706 00	4		M 6 x 20 DIN 912-8.8A3B
6	0000 501 445 00	4		6,4 DIN 125-St A3B
7	0000 504 128 01	4		6,5
8	0000 506 483 00	1		1 A
9	0000 504 301 00	1		5A
10	0000 504 593 00	1		10 A
11	0000 504 304 00	1		15 A
12	0000 504 307 00	1		30 A
13	0000 504 330 00	1		40 A
14	0000 025 790 02	1		DC-DC-Konverter 24 /12V- 20A
17	0000 504 088 00	4		5,3 DIN 9021 - St A3B
18	0000 503 165 00	4		M 5 X 8 DIN 6912-8.8 A3B
19	0000 025 754 00	0... 1		Premium
20	0000 504 327 00	1... 2		12V - 70A
21	0000 056 648 00	0... 1		B+

Z11b

Fastening plate
Steckerhalteblech
Tole support
Chapa de fijacion
Fastening plate

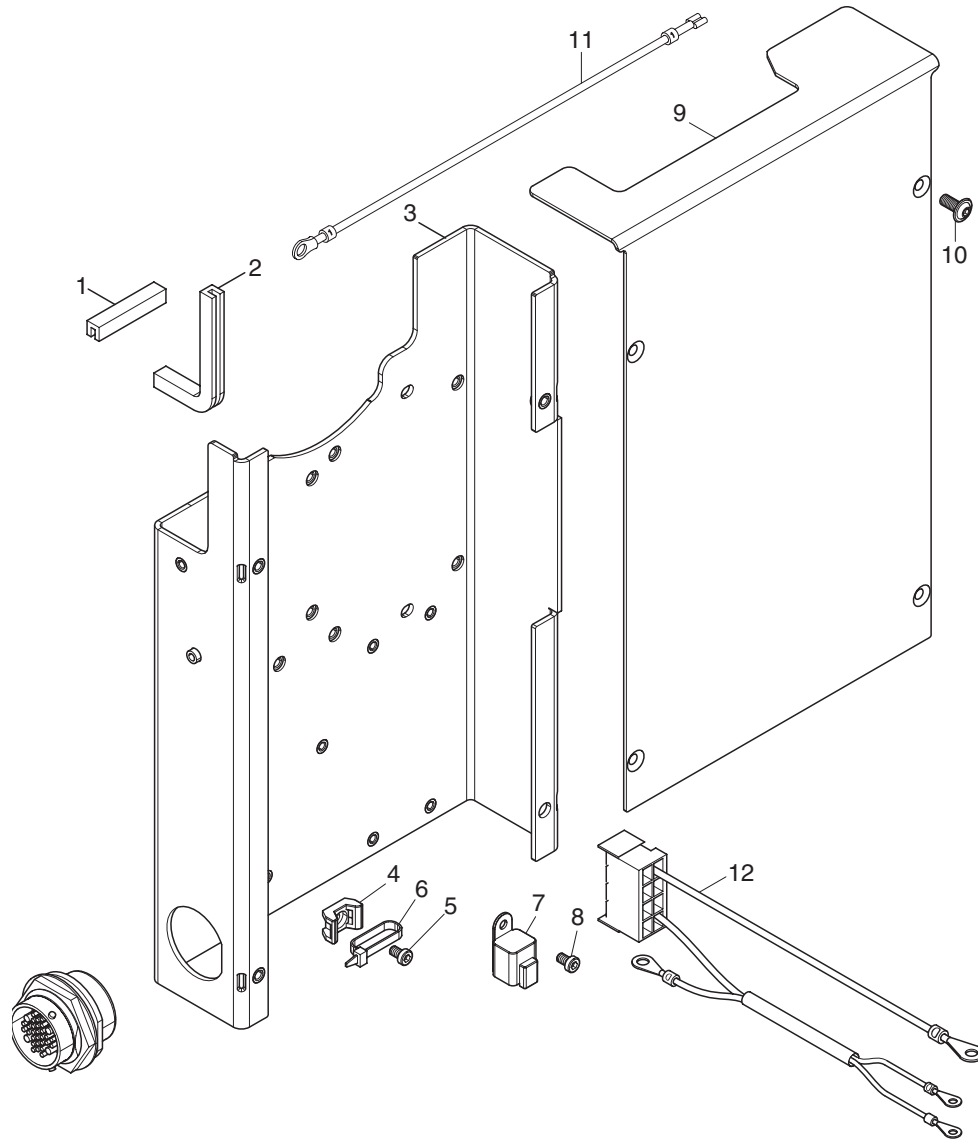


Fig.- No.	HATZ Ident-No.	Qty. Stück	W d / D	Notes Bemerkungen
4H50TICD				
1	0000 056 751 00	1		50mm
2	0000 056 752 00	1		100mm
3	0000 025 854 00	1		
4	0000 504 902 00	3		
5	0000 503 165 00	3		M 5 X 8 DIN 6912-8.8 A3B
6	0000 503 584 00	4		4,8 x 200 mm Black
7	0000 506 829 00	1		C81
8	0000 503 165 00	1		M 5 X 8 DIN 6912-8.8 A3B
9	0000 056 574 00	1		
10	0000 506 628 00	4		M 6 x 14
11	0000 025 853 00	1		B+
12	0000 025 964 00	1		central electric

Flywheel, intermediate housing
 Schwungrad, Anschlußgehäuse
 Volant, bride raccord
 Volante, caja de conexión
 Volano, flangiatura

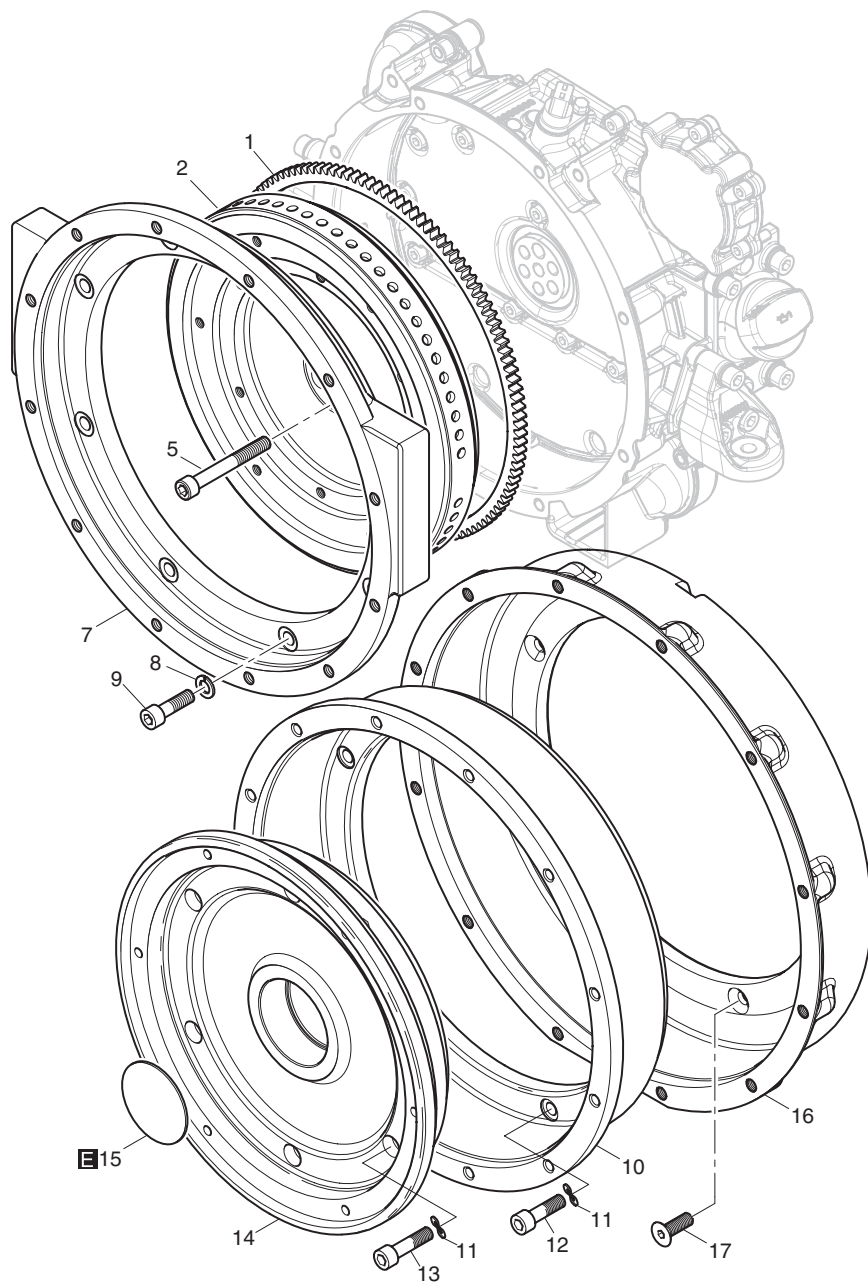


Fig.- No.	HATZ Ident-No.	Qty. Stück	W d / D	Notes Bemerkungen	
		4H50TI	4H50TIC	4H50TICD	
1	0000 040 212 10	1	1	1	
2	0000 043 396 00	1	1	1	
5	0000 506 299 00	7	7	7	
7	0000 036 792 00	1	1	1	SAE 6,5" & SAE 8"
8	0000 501 356 00	8	8	8	M10 X 1 X 80 DIN 912-12.9
9	0000 503 278 00	8	8	8	SAE 4
10	0000 050 283 00	1	1	1	10 DIN 128 A3B
11	0000 501 460 01	14	14	14	M10 X 35 DIN 912-8.8 A3B
12	0000 503 278 00	8	8	8	SAE4 for 10" flywheel
13	0000 500 546 00	6	6	6	A3B
14	0000 050 275 00	1	1	1	M10 X 35 DIN 912-8.8 A3B
15	0000 051 344 00	1	1	1	M10 X 40 DIN 912-8.8
16	0000 055 969 00	1	1	1	10"
17	0000 501 156 00	1	1	1	SAE 3
					M10X30 A3B

Z16a

External bearing
 Aussenlager
 Palier extérieur
 Rodamiento exterior
 Cuscinetto esterno

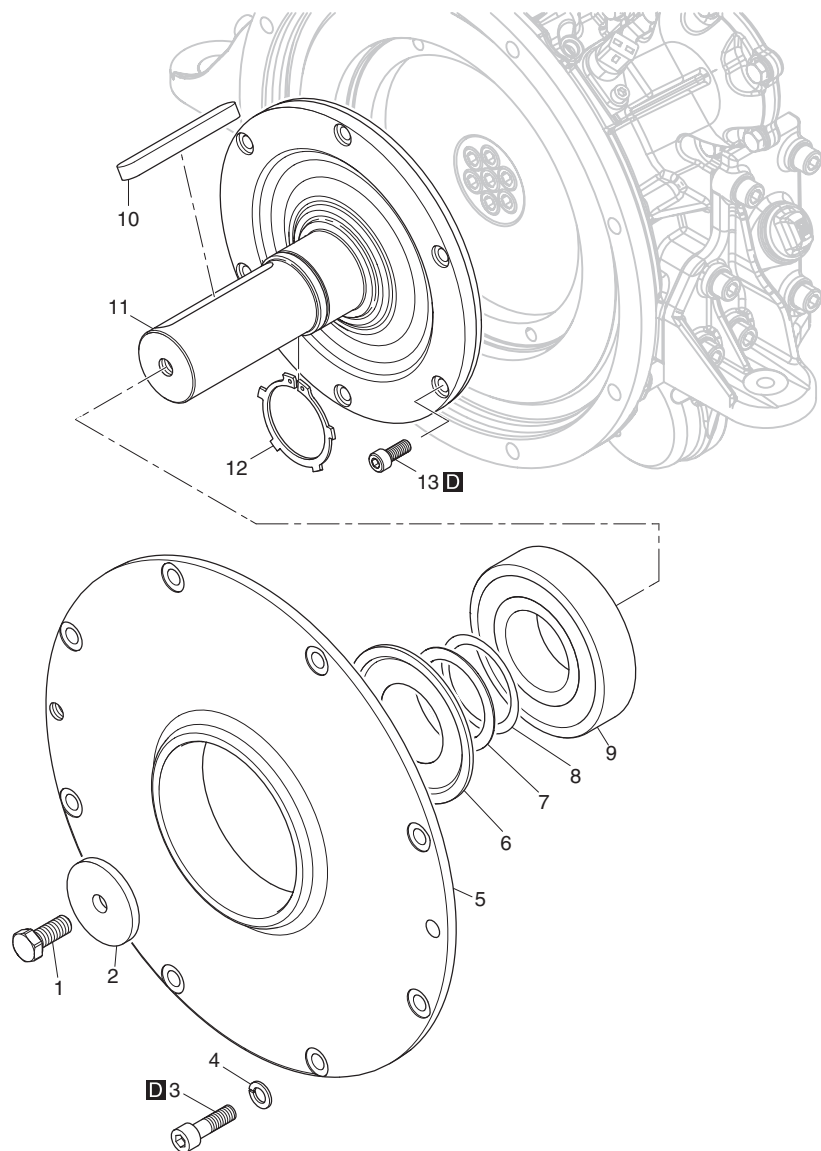


Fig.- No.	HATZ Ident-No.	Qty. Stück			W d / D	Notes Bemerkungen
		4H50TI	4H50TIC	4H50TICD		
1	0000 500 312 00	1	1	1		M 12 x 30 DIN 933-8.8
2	0000 034 802 00	1	1	1		12,5 x 58 x 6
3	0000 503 278 00	8	8	8		M10 X 35 DIN 912-8.8 A3B
4	0000 501 356 00	8	8	8		10 DIN 128 A3B
5	0000 043 241 00	1	1	1		
6	0000 502 610 00	1	1	1		
7	0000 502 611 00	1	1	1		
8	0000 506 016 00	1	1	1		55 x 68 x 0,1
9	0000 502 613 00	1	1	1		
10	0000 500 626 00	1	1	1		A14 x 9 x 100 DIN 6885
11	0000 043 239 10	1	1	1		Ø 48mm
11	0000 043 240 10	1	1	1		Ø 50mm
12	0000 502 612 00	1	1	1		AL55 x 2
13	0000 506 598 00	6	6	6		M 8 X 30 DIN 912-12.9

Z16b

Flange coupling
 Flanschkupplung
 Accouplement de bride
 Acoplamiento de brida
 Accoppiamento a flangia

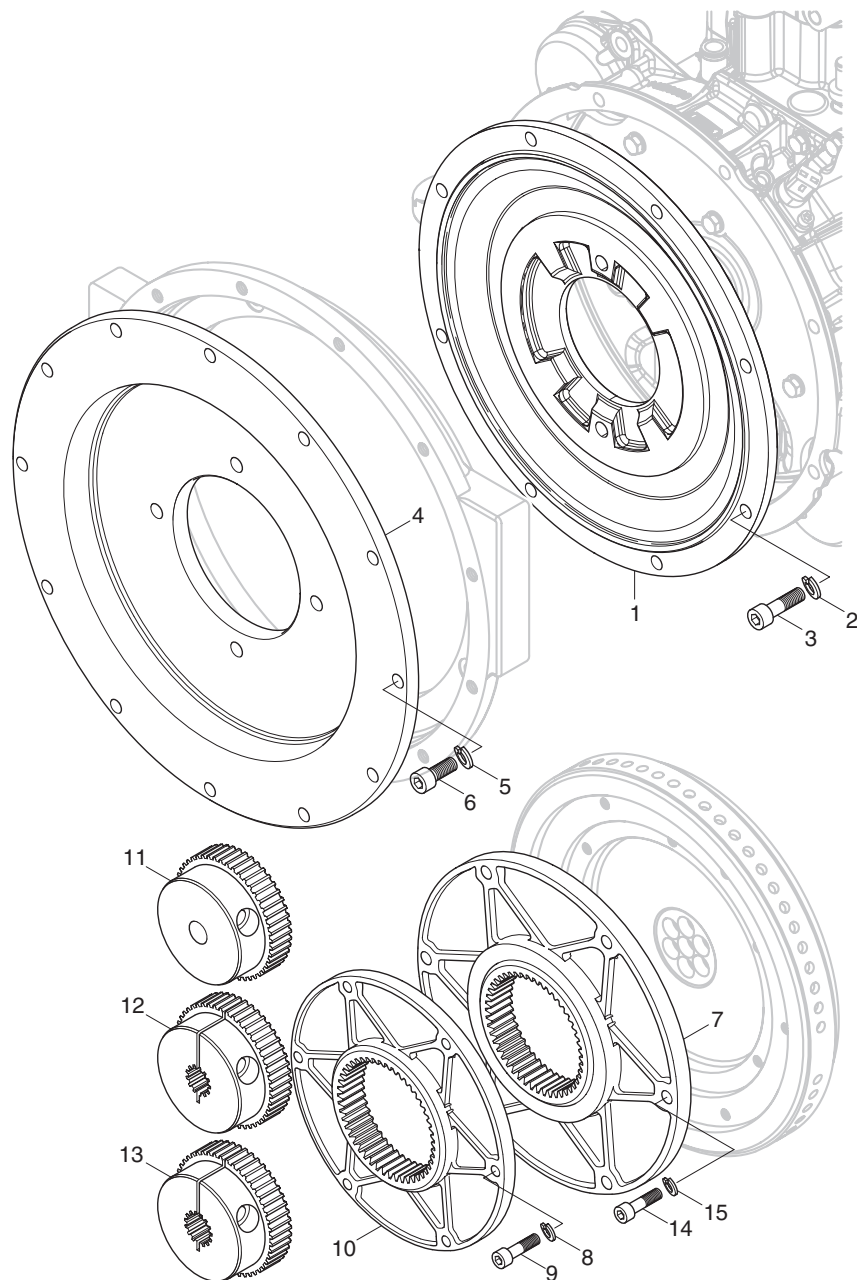


Fig.- No.	HATZ Ident-No.	Qty. Stück			W d / D	Notes Bemerkungen
		4H50TI	4H50TIC	4H50TICD		
1	0000 506 611 00	0... 1	0... 1	0... 1		SAE5 Ø101,6, bore circle Ø146
2	0000 501 356 00	8	8	8		10 DIN 128 A3B
3	0000 503 278 00	8	8	8		M10 X 35 DIN 912-8.8 A3B
4	0000 506 608 00	0... 1	0... 1	0... 1		SAE4 Ø127, bore circle Ø162
5	0000 501 356 00	12	12	12		10 DIN 128 A3B
6	0000 502 903 00	12	12	12		M10 X 25 DIN 912-8.8 A3B
7	0000 506 609 00	0... 1	0... 1	0... 1		55 - 8"
8	0000 502 085 00	6	6	6		8 DIN 128 A3B
9	0000 501 759 00	6	6	6		M 8 X 30 DIN 912-8.8 A3B
10	0000 506 612 00	0... 1	0... 1	0... 1		55 - 6,5"
11	0000 506 614 00	0... 1	0... 1	0... 1		T55, predrilled, Ø18,9
12	0000 506 613 00	0... 1	0... 1	0... 1		T55, 7/8", 13teeth, 16/32
13	0000 506 610 00	0... 1	0... 1	0... 1		T55, 1", 15teeth, 16/32
14	0000 500 541 00	6	6	6		M10 X 30 DIN 912-8.8
15	0000 501 356 00	6	6	6		10 DIN 128 A3B

Z17

Compressor f. air-condit.
 Klimakompressor
 Compresseur p. clim.
 Compresor p. aire acond.
 Compressore condizionatore

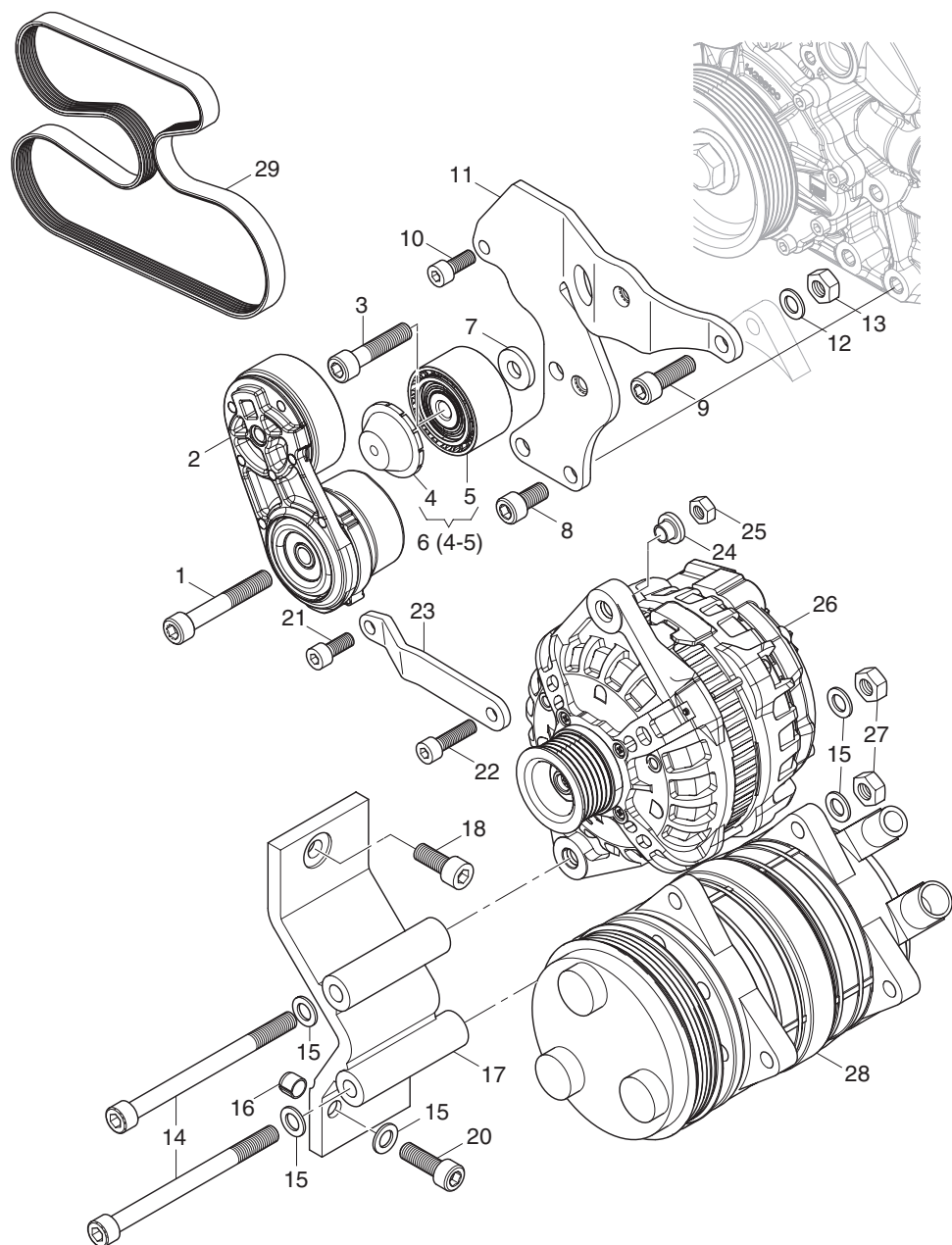


Fig.- No.	HATZ Ident-No.	Qty. Stück			W d / D	Notes Bemerkungen
		4H50TI	4H50TIC	4H50TICD		
1	0000 500 554 00	1	1	1		M10 X 65 DIN 912-8.8
2	0000 506 624 00	1	1	1		
3	0000 500 547 00	1	1	1		M10 X 45 DIN 912-8.8 A3B
4	-----	-	-	-		
5	-----	-	-	-		
6	0000 506 625 00	1	1	1		
7	0000 500 706 00	1	1	1		10,5 x 25 x 4 DIN 7349 A3B
8	0000 501 732 00	2	2	2		M10 X 20 DIN 912-8.8 A3B
9	0000 500 541 00	1	1	1		M10 X 30 DIN 912-8.8
10	0000 503 663 00	1	1	1		M 8 X 20 DIN 912-8.8A3B
11	0000 024 334 10	1	1	1		
12	0000 500 170 00	1	1	1		10,5 DIN 433 - St A3B
13	0000 501 458 00	1	1	1		M10 DIN 934-8 A3B
14	0000 504 038 00	2	2	2		M10 X130 DIN 912-8.8 A3B
15	0000 500 170 00	6	6	6		10,5 DIN 433 - St A3B
16	0000 505 023 00	2	2	2		12 x 10 DIN 7346
17	0000 024 333 10	1	1	1		
18	0000 502 903 00	1	1	1		M10 X 25 DIN 912-8.8 A3B
20	0000 500 541 00	2	2	2		M10 X 30 DIN 912-8.8
21	0000 503 663 00	1	1	1		M 8 X 20 DIN 912-8.8A3B
22	0000 501 759 00	1	1	1		M 8 X 30 DIN 912-8.8 A3B
23	0000 055 161 10	1	1	1		
24	0000 042 957 00	1	1	1		
25	0000 501 480 00	1	1	1		M 8 DIN 934-8 A3B
26	0000 506 245 00	0...1	0...1	0...1		14V - 110A
26	0000 506 803 00	0...1	0...1	0...1		14V - 150A
27	0000 501 458 00	2	2	2		M10 DIN 934-8 A3B
28	0000 506 623 00	1	1	1		
29	0000 506 626 00	1	1	1		6PK 1425

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

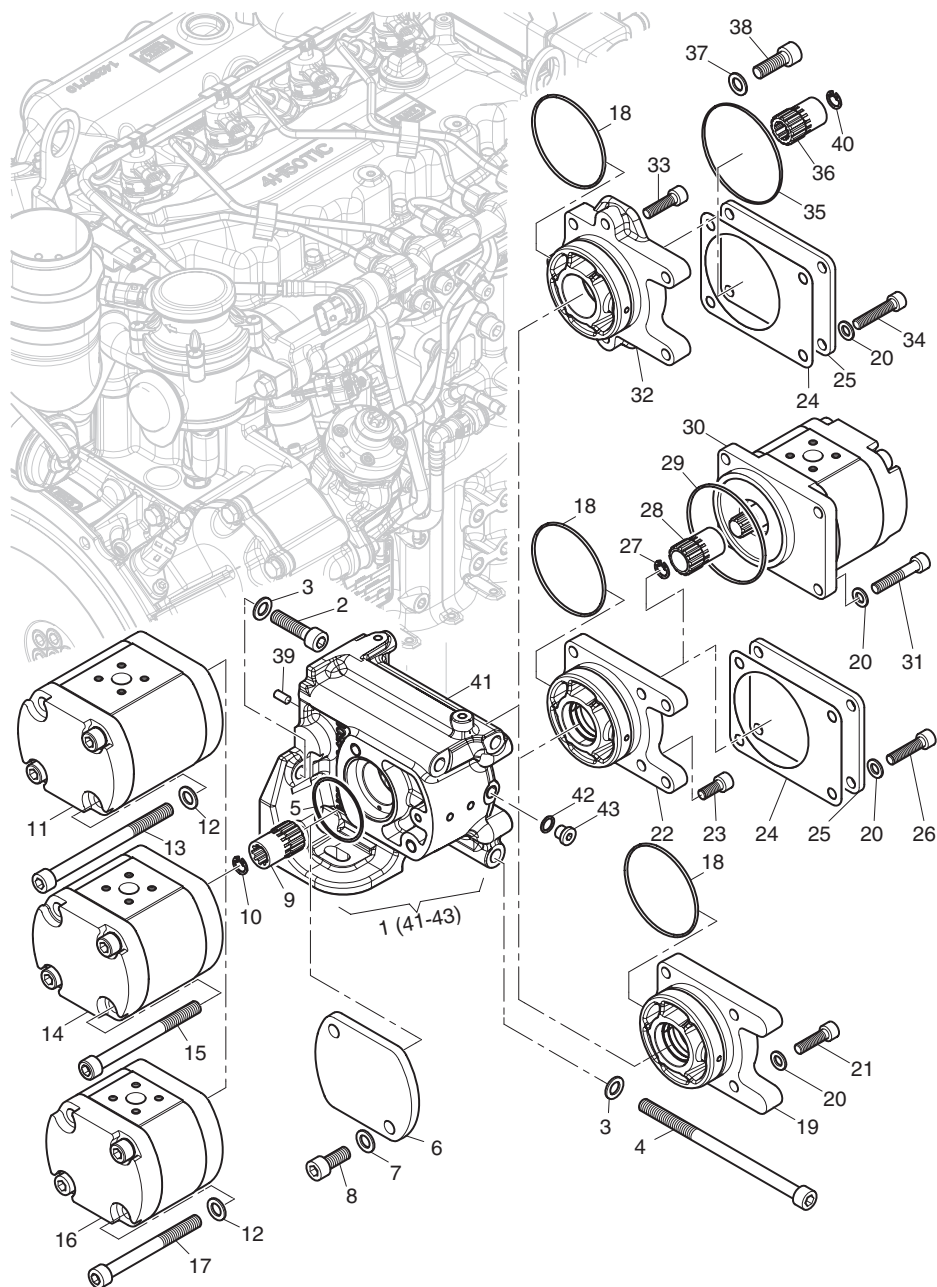


Fig.- No.	HATZ Ident-No.	Qty.			W d / D	Notes Bemerkungen
		4H50TI	4H50TIC	4H50TICD		
1	0000 024 253 10	1	1	1		
2	0000 500 546 00	3	3	3		
3	0000 500 170 00	6	6	6		
4	0000 506 358 00	3	3	3	M10 X 40 DIN 912-8.8	
5	0000 503 425 00	1	1	1	10,5 DIN 433 - St A3B	
6	0000 043 055 00	1	1	1	M10 X170 DIN 912-8.8 A3B	
7	0000 500 170 00	2	2	2	48 x 1,7	
8	0000 502 903 00	2	2	2		
9	0000 038 434 00	1	1	1	10,5 DIN 433 - St A3B	
10	0000 500 197 00	1	1	1	M10 X 25 DIN 912-8.8 A3B	
11	0000 506 356 01	1	1	1	J 14 x 1 DIN 472	
12	0000 500 170 00	2	2	2	31,2cm ³	
13	0000 506 323 01	2	2	2	10,5 DIN 433 - St A3B	
14	0000 506 365 00	1	1	1	M10 X130 DIN 912-10.9	
15	0000 506 364 00	2	2	2	22cm ³	
16	0000 506 361 01	1	1	1	M10 X110 DIN 912-10.9	
17	0000 506 189 01	2	2	2	12cm ³	
18	0000 505 472 02	1	1	1	M10 X100 DIN 912-10.9	
19	0000 024 254 10	1	1	1	73 x 2	
20	0000 501 157 00	4	4	4	8,4 DIN433-St 140 HV	
21	0000 501 759 00	4	4	4	M 8 X 30 DIN 912-8.8 A3B	
22	0000 024 255 10	1	1	1		
23	0000 503 663 00	2	2	2	M 8 X 20 DIN 912-8.8A3B	
24	0000 035 680 00	1	1	1		
25	0000 037 616 00	1	1	1		
26	0000 501 830 00	4	4	4	M 8 X 35 DIN 912-8.8 A3B	
27	0000 500 197 00	1	1	1	J 14 x 1 DIN 472	
28	0000 038 434 00	1	1	1		
29	0000 506 359 00	1	1	1	80 x 2 DIN 3771	
30	0000 506 098 00	0...1	1	1	13,8cm ³	
31	0000 501 710 00	4	4	4	M 8 X 45 DIN 912-8.8 A3B	
32	0000 024 256 10	1	1	1		
33	0000 501 759 00	2	2	2	M 8 X 30 DIN 912-8.8 A3B	
34	0000 501 775 00	4	4	4	M 8 X 40 DIN 912-8.8 A3B	
35	0000 506 371 00	1	1	1	82,5 x 2 DIN 3771	
36	0000 043 076 10	1	1	1		
37	0000 500 170 00	2	2	2	10,5 DIN 433 - St A3B	
38	0000 500 934 00	2	2	2	M10 X 30 DIN 912-8.8 A3B	
39	0000 506 452 00	2	2	2	6 M6X12 DIN6325	
40	0000 506 643 00	1	1	1	J 13 x 1 DIN 472	
41	-	-	-	-		
42	0000 500 624 00	1	1	1	A 10 x 13,5 DIN 7603-Cu	
43	0000 500 623 00	1	1	1	M 10 x 1 DIN 908-5.8 A3B	

Hose system and Radiator at horizontal oilcooler
 Verschlauchung und Kühler bei horizontalem Ölkühler
 Conduites de tuyau á radiateur á radiateur d'huile horizontal
 Tubos e radiador a radiador de aceite horizontal
 Tubo e radiatore a radiatore dell'olio orizzontale

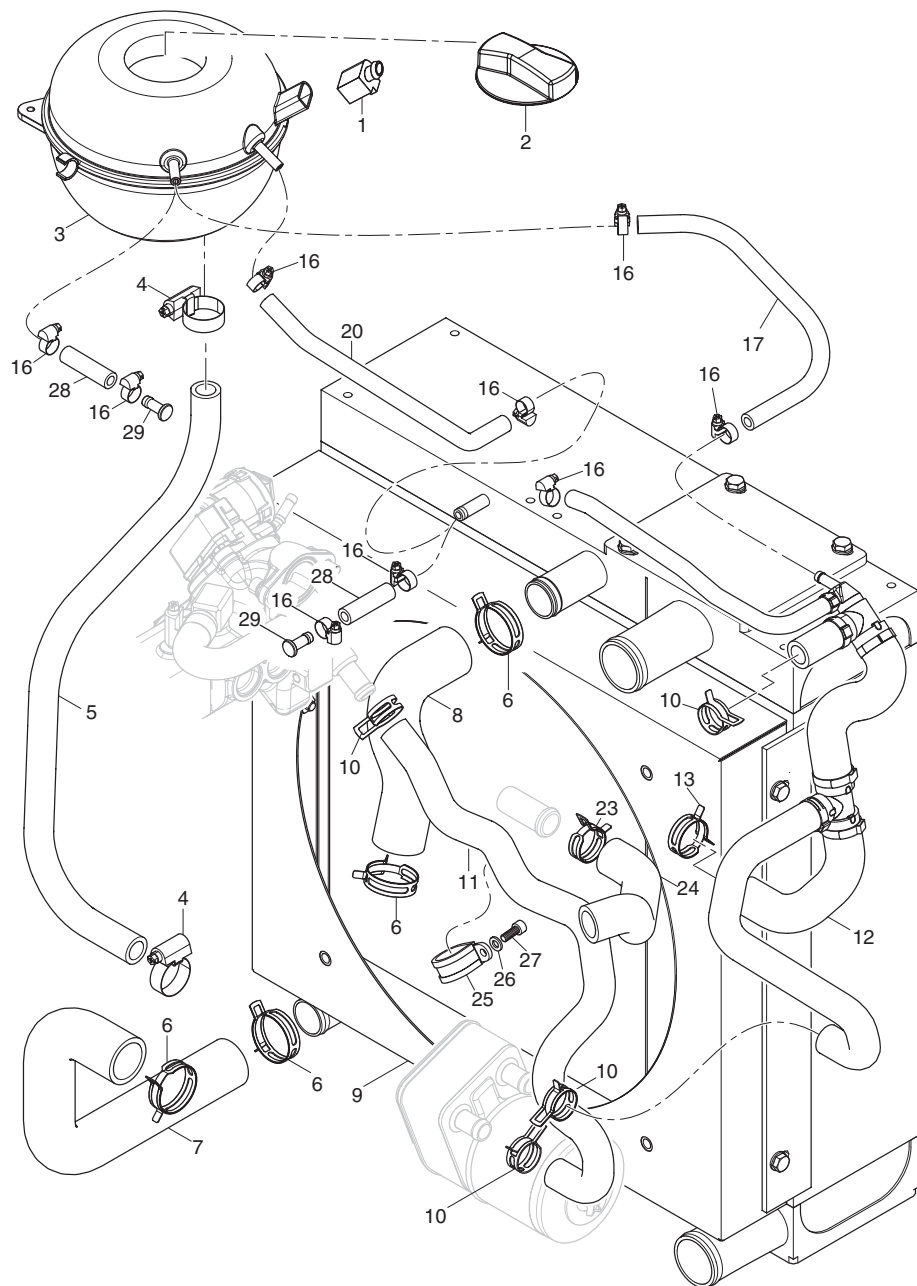


Fig.- No.	HATZ Ident-No.	Qty. Stück			W d / D	Notes Bemerkungen
		4H50TI	4H50TIC	4H50TICD		
1	0000 506 293 00	1	1	1		
2	0000 506 292 00	1	1	1		
3	0000 506 291 00	1	1	1		2,4L
4	0000 506 520 00	2	2	2		Ø 16-27 x 12 DIN 3017 A
5	0000 043 322 01	1	1	1		
6	0000 506 671 00	4	4	4		Ø25 - 40 x 12 x DIN 3017 A
7	0000 043 247 00	1	1	1		
8	0000 043 248 10	1	1	1		
9	0000 024 758 00	1	1	1		WK-LLK-556 x 550 x 13
10	0000 506 669 00	-	4	4		Ø 24-26
11	0000 043 112 01	-	1	1		
12	0000 020 604 00	-	1	1		
13	0000 506 670 00	-	1	1		Ø 30-32,5
16	0000 400 261 00	5	5	5		Ø 10-16
17	0000 043 323 01	-	1	1		
20	0000 043 323 01	0...1	1	1		
23	0000 506 676 00	-	0...1	0...1		28 - 30,5
24	0000 043 082 00	-	0...1	0...1		22x5
25	0000 506 566 00	-	1	1		Ø 25 x 15 mm
26	0000 501 445 00	-	1	1		6,4 DIN 125-St A3B
27	0000 501 771 00	-	1	1		M 6 x 16 DIN 933-8.8 A3B
28	0000 043 321 01	1...2	-	-		
29	0000 043 320 00	1...2	-	-		

Hose system and Radiator at vertical oilcooler
 Verschlauchung und Kühler bei vertikalem Ölkühler
 Conduites de tuyau á radiateur á radiateur d'huile vertical
 Tubos e radiador a radiador de aceite vertical
 Tubo e radiatore a radiatore dell'olio verticale

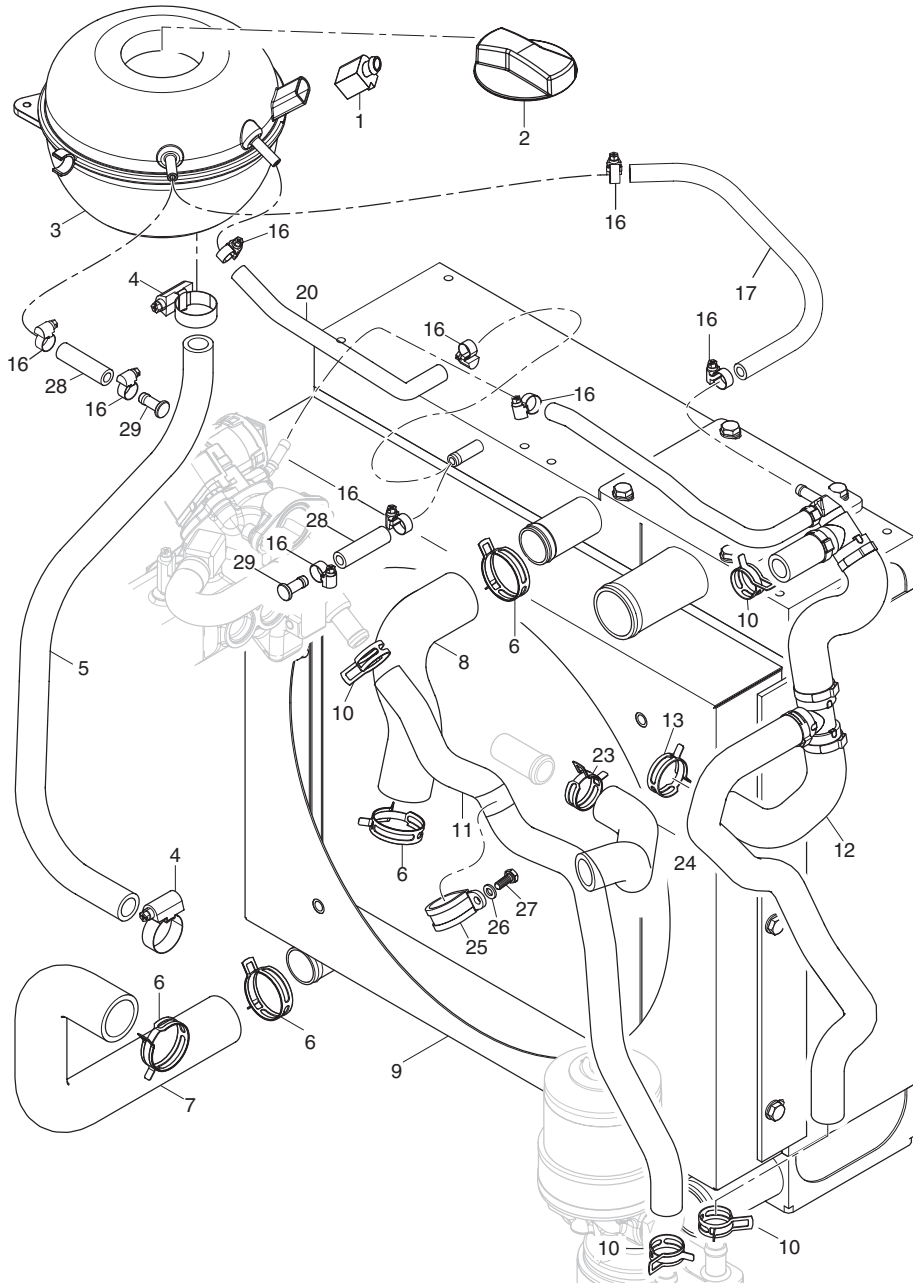


Fig.- No.	HATZ Ident-No.	Qty. Stück			W d / D	Notes Bemerkungen
		4H50TI	4H50TIC	4H50TICD		
1	0000 506 293 00	1	1	1		
2	0000 506 292 00	1	1	1		
3	0000 506 291 00	1	1	1	2,4L	
4	0000 506 520 00	2	2	2	Ø 16-27 x 12 DIN 3017 A	
5	0000 043 322 01	1	1	1		
6	0000 506 671 00	4	4	4	Ø25 - 40 x 12 x DIN 3017 A	
7	0000 043 247 00	1	1	1		
8	0000 043 248 10	1	1	1		
9	0000 024 758 00	1	1	1	WK-LLK-556 x 550 x 13	
10	0000 506 669 00	-	4	4	Ø 24-26	
11	0000 043 119 00	-	1	-		
11	0000 056 517 00	-	-	1		
12	0000 020 605 00	-	1	-		
12	0000 020 701 00	-	-	1		
13	0000 506 670 00	-	1	1	Ø 30-32,5	
16	0000 400 261 00	5	5	5	Ø 10-16	
17	0000 043 323 01	-	1	1		
20	0000 043 323 01	0...1	1	1		
23	0000 506 676 00	-	0...1	0...1	28 - 30,5	
24	0000 043 082 00	-	0...1	0...1	22x5	
25	0000 506 566 00	-	1	1	Ø 25 x 15 mm	
26	0000 501 445 00	-	1	1	6,4 DIN 125-St A3B	
27	0000 501 771 00	-	1	1	M 6 x 16 DIN 933-8.8 A3B	
28	0000 043 321 01	1...2	-	-		
29	0000 043 320 00	1...2	-	-		

Z30c, Z08

Waterpump, fan, safety guard
 Wasserpumpe, Lüfter, Schutzgitter
 Pompe a eau, ventilateur, grille protectrice
 Bomba de agua, ventilador, rejilla protectora
 Pompa idraulica, ventilatore, grata di protezione

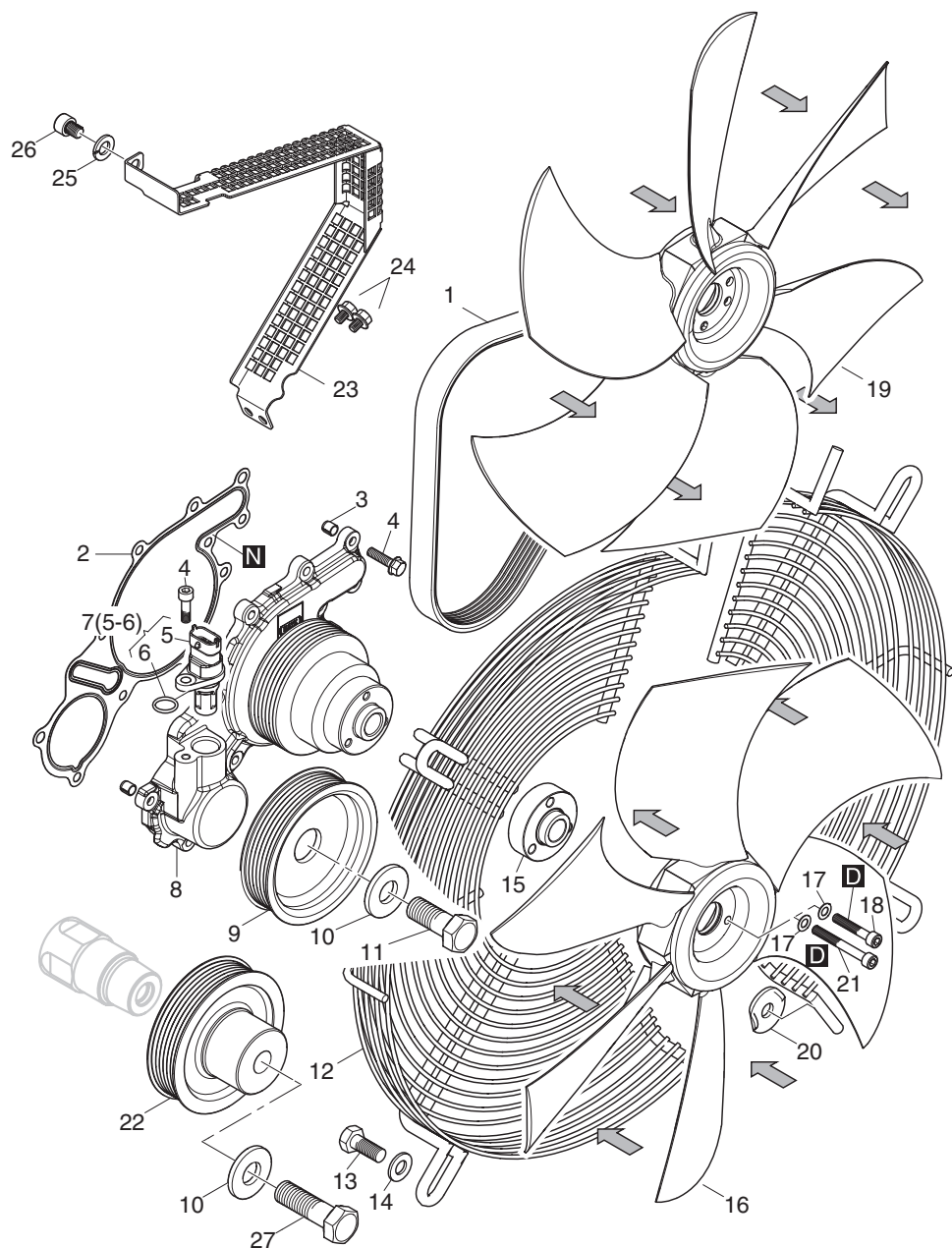


Fig.- No.	HATZ Ident-No.	Qty. Stück			W d / D	Notes Bemerkungen
		4H50TI	4H50TIC	4H50TICD		
1	0000 506 294 01	1	1	1	768mm	
2	0000 056 247 00	1	1	1		
3	0000 501 400 00	2	2	2	8 x 8 DIN 7346 55 Si 7	
4	0000 506 615 00	11	11	11	M 6X 25 DIN 6921-8.8A2B	
5	-----	-	-	-		
6	-----	-	-	-		
7	0000 506 286 00	1	1	1		
8	0000 024 184 20	0...1	0...1	0...1	Ø 77mm i=1,33x N engine	
8	0000 025 366 10	0...1	0...1	0...1	Ø 92mm i=1,116 x N engine	
9	0000 054 301 01	0...1	0...1	0...1	Ø 103mm	
10	0000 506 289 00	1	1	1	Ø16 DIN 6796 - FST	
11	0000 506 290 01	1	1	1	M16X1,5X40LH 961-8.8	
12	0000 024 444 00	1	1	1		
13	0000 501 364 00	6	6	6	M 10 x 25 DIN 933 - 8.8 A3B	
14	0000 500 706 00	4	4	4	10,5 x 25 x 4 DIN 7349 A3B	
15	0000 054 273 00	1...2	1...2	1...2		
16	0000 506 287 00	0...1	0...1	0...1	Ø410mm / 6-6 / 30°	
16	0000 506 715 00	0...1	0...1	0...1	Ø410mm / 6-6 / 35°	
17	0000 500 812 00	3	3	3	A 6 DIN 137 - A3B	
18	0000 503 749 00	0...3	0...3	0...3	M 6 X 35 DIN 912-8.8 A3B	
19	0000 506 717 00	1	0...1	0...1	Ø410mm / 6-6 / 35°	
20	0000 055 785 01	2	2	2	11x36x3	
21	0000 503 420 00	0...3	0...3	0...3	M 6 X 50 DIN 912-8.8 A3B	
22	0000 043 352 00	0...1	0...1	0...1		
23	0000 055 783 00	1	1	1		
24	0000 506 023 01	2	2	2	M 6 x 8 DIN 6912	
25	0000 502 085 00	1	1	1	8 DIN 128 A3B	
26	0000 501 731 00	1	1	1	M 8 X 10 DIN 912-8.8 A3B	
27	0000 506 711 00	0...1	0...1	0...1	M 16 x 1,5 x 65 DIN 960 - 10	

Hose system and Radiator OpenPowerUnit
 Verschlauchung und Kühler OpenPowerUnit
 Conduites de tuyau à radiateur OpenPowerUnit
 Tubos e radiador OpenPowerUnit
 Tubo e radiatore OpenPowerUnit

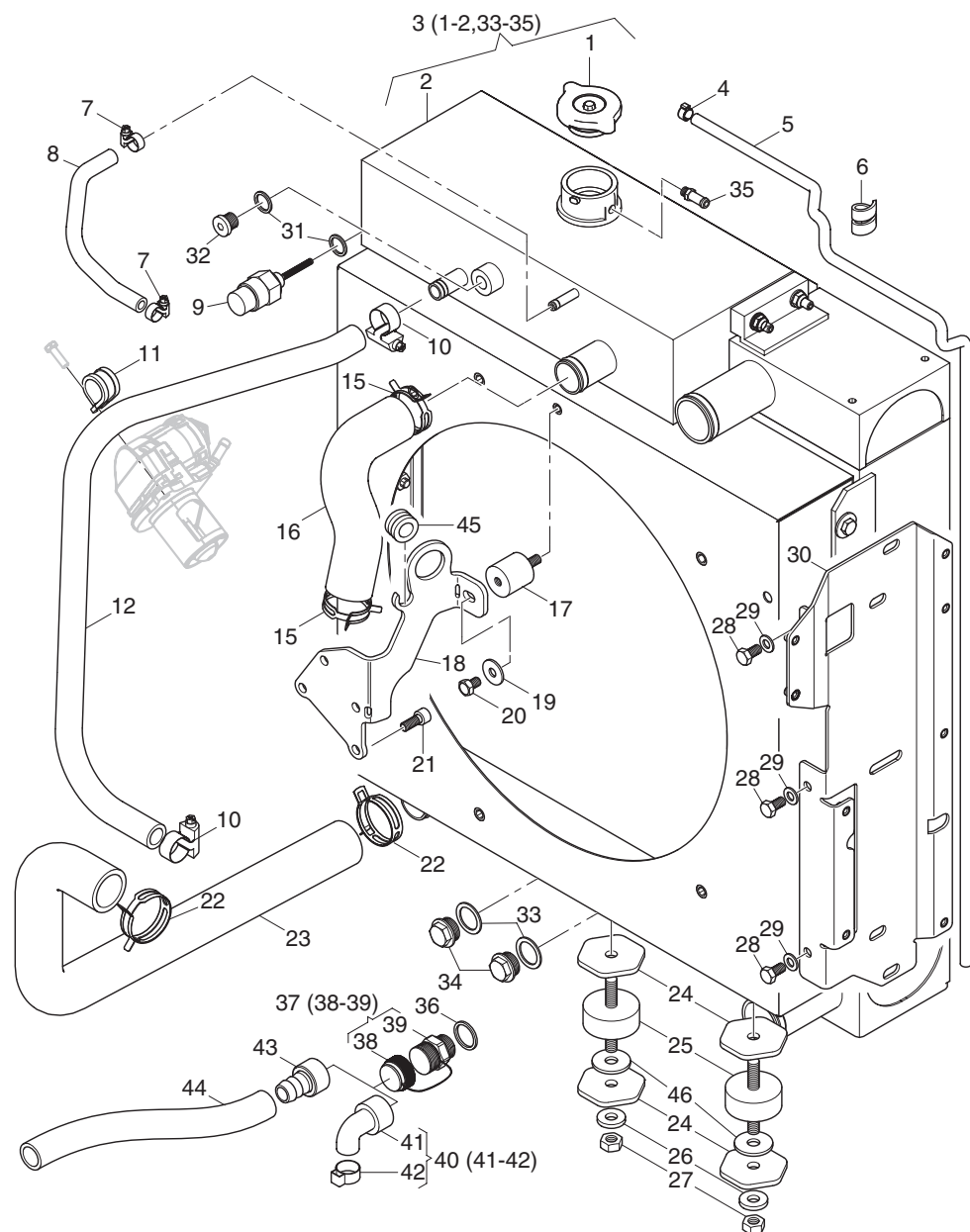


Fig.- No.	HATZ Ident-No.	Qty. Stück			W d / D	Notes Bemerkungen
		4H50TI	4H50TIC	4H50TICD		
1	0000 490 990 00	1	1	1		
2	-----	-	-	-		
3	0000 024 062 10	1	1	1		
4	0000 505 709 00	1	1	1		Ø 12,8
5	0000 054 830 01	1	1	1		
6	0000 050 239 00	1	1	1		
7	0000 400 261 00	2	2	2		Ø 10-16
8	0000 043 319 11	1	1	1		Ø 8 x 3 x 198
9	0000 506 559 00	0... 1	0... 1	0... 1		
10	0000 506 520 00	2	2	2		Ø 16-27 x 12 DIN 3017 A
11	0000 501 903 10	1	1	1		21/15
12	0000 043 246 01	1	1	1		
15	0000 506 671 00	2	2	2		Ø25 - 40 x 12 x DIN 3017 A
16	0000 043 248 10	1	1	1		
17	0000 506 084 00	1	1	1		
18	0000 054 829 03	1	1	1		
19	0000 500 629 00	1	1	1		8,4 DIN 9021 St A3B
20	0000 500 962 00	1	1	1		M 8 x 12 DIN 933 - 8.8 A3B
21	0000 503 663 00	4	4	4		M 8 X 20 DIN 912-8.8A3B
22	0000 506 671 00	2	2	2		Ø25 - 40 x 12 x DIN 3017 A
23	0000 043 247 00	1	1	1		
24	0000 039 934 00	4	4	4		10,5 x 55 x 5
25	0000 503 460 00	2	2	2		
26	0000 500 706 00	2	2	2		10,5 x 25 x 4 DIN 7349 A3B
27	0000 501 458 00	2	2	2		M10 DIN 934-8 A3B
28	0000 500 985 00	3	3	3		M 8 x 16 DIN 933-8.8 A3B
29	0000 501 481 00	3	3	3		8,4 DIN 125-St A3B
30	0000 024 063 00	1	1	-		CV54
30	0000 025 910 00	-	-	1		C81
31	0000 506 681 00	1	1	1		A14 x 18
32	0000 501 435 00	0... 1	0... 1	0... 1		M 14 x 1,5 DIN 908 A3B
33	0000 490 992 00	2	2	2		
34	0000 503 731 00	2	2	2		AM22x1,5DIN7604A3B MAGN.
35	0000 490 991 00	1	1	1		
36	0000 500 016 00	1	1	1		A 22 x 27 DIN 7603 Cu
37	0000 502 814 13	1	1	1		M22 x 1,5 31lang
38	0000 491 025 00	1	1	1		
39	-----	-	-	-		
40	0000 506 562 00	1	1	1		
41	-----	-	-	-		
42	-----	-	-	-		
43	0000 011 230 01	1	1	1		
44	0000 039 119 00	0... 1	0... 1	0... 1		1000mm
44	0000 054 220 00	0... 1	0... 1	0... 1		2000mm
45	0000 501 585 00	1	1	1		Ø12,5 x 15 x 21 x 7
46	0000 506 695 00	0... 4	0... 4	0... 4		11 x 34 x 3

Hose system oilcooler TI
 Verschlauchung Ölkühler TI
 Conduites de tuyau radiateur d'huile TI
 Tubos p. radiador de aceite TI
 Tubo di radiatore dell'olio TI

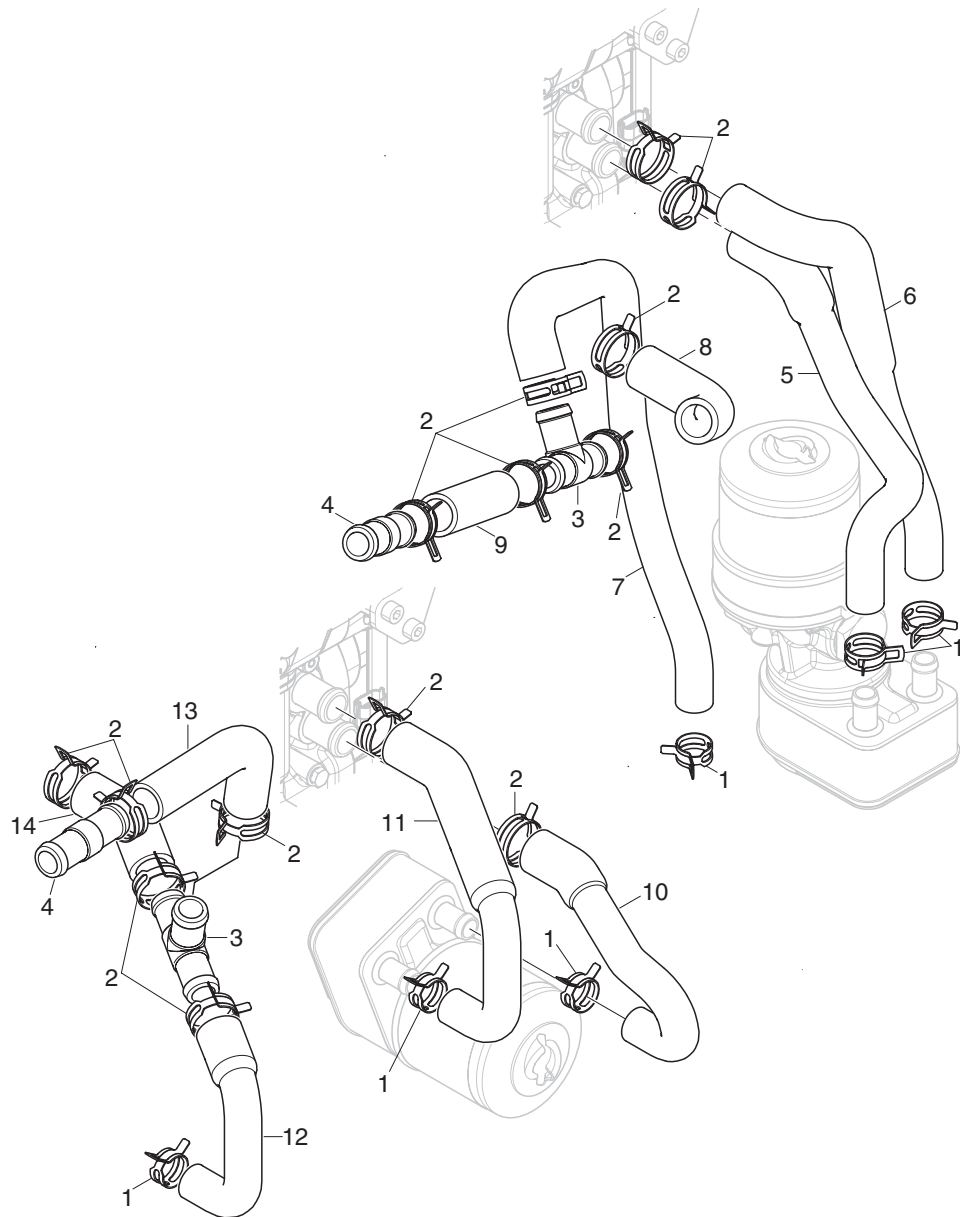
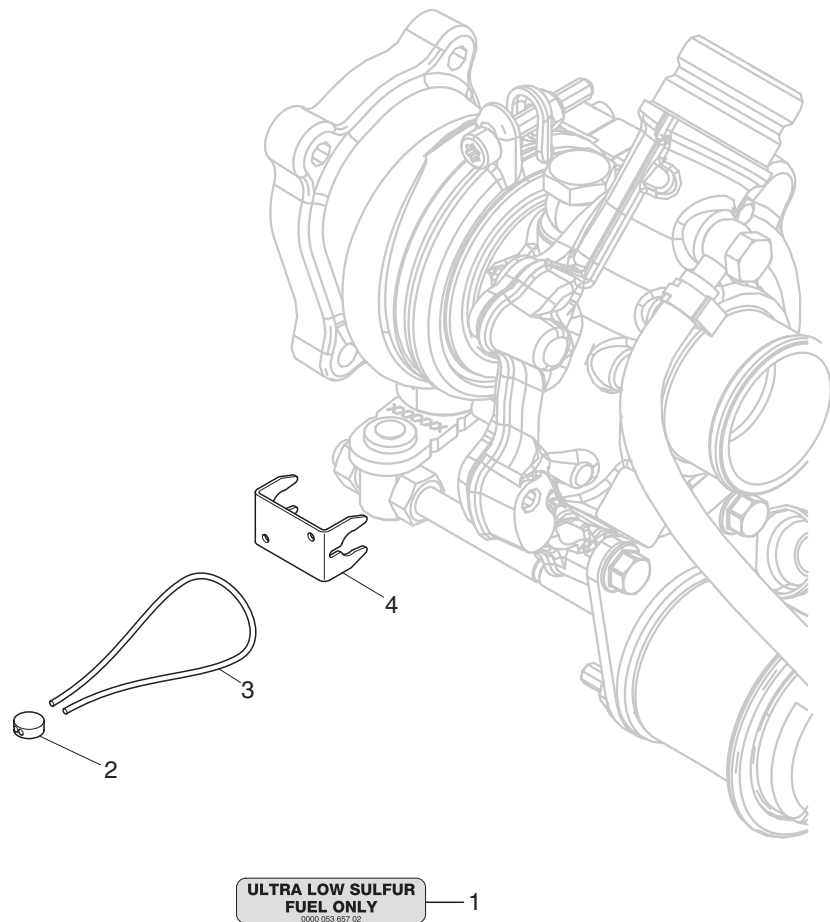


Fig.- No.	HATZ Ident-No.	Qty. Stück	W d / D	Notes Bemerkungen
4H50TI				
1	0000 506 668 00	2		Ø 22 - 24,5
2	0000 506 676 00	2... 4		28 - 30,5
3	0000 043 297 01	1		Ø 22
5	0000 043 290 00	1		Ø 16 / Ø22
6	0000 043 289 00	1		Ø 16 / Ø22
7	0000 043 309 00	1		Ø 16 / Ø22
8	0000 043 310 00	1		Ø 22
10	0000 043 288 00	1		Ø 16 / Ø22
11	0000 043 287 00	1		Ø 16 / Ø22
12	0000 043 294 00	1		Ø 16 / Ø22
14	0000 043 295 00	1		Ø 22

Tamper-proof parts
 Bauteilsicherung
 Kit plombage
 Juego de precintar
 Kit sigilli

Fig.- No.	HATZ Ident-No.	Qty. Stück		W d / D	Notes Bemerkungen
		4H50TIC	4H50TICD		
1	0000 053 657 02	1	1		
2	0000 400 214 01	1	1		ø8,5 mm ALU 0,5 / 0,3 x 200
3	0000 400 215 00	1	1		
4	0000 043 245 00	1	1		





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	8013 NE Zwolle	Janal Engineering BV	+31 - 38 - 4 60 22 00
	8852 Altendorf	Motorenfabrik HATZ AG	+41 - 55 - 4 51 75 30
	9301 ZV Roden	Ausma Motorenrevisie B.V.	+31 - 50 - 5 01 60 28
A	Austria	2320 Schwechat	Hofmann-Schranz G.m.b.H.
A	Austria	4600 Wels	Motor Center Austria GmbH
A	Austria	5020 Salzburg	Ing. R. Schneider
A	Austria	6065 Thaur	Romed Müssigang
A	Austria	6830 Rankweil	Ländletechnik Schäfer GmbH
A	Austria	8073 Feldkirchen	Langbauer - Motoren e.U.
A	Austria	9170 Ferlach	Johann Koslitsch
AN	Angola	94099 Ruhstorf	HATZ Ruhstorf
AUS	Australia	2164 Smithfield NSW	HATZ Australia Pty. Ltd.
AZ		1029 BAKU	AS TEXNIKA LLC
B	Belgium	3090 OVERIJSE	BIA GROUP NV/SA
BF	Burkina Faso	Ouagadougou 01	Impex Afrique
BG	Bulgaria	1000 Sofia	ENERGIA-MARVAKOV GMBH
BHT	Bhutan	Gongkhar Bumthang	Jigme Norbu Enterprise
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CAM	Cameroon	DOUALA	EMEI DIESEL Sarl
CDN	Canada	Dartmouth	DAC Industrial Engines Inc.
CDN	Canada	Mississauga	Marindustrial Ontario Inc.
CDN	Canada	Moncton	Marindustrial Inc.
CDN	Canada	Montreal	Marindustrial Inc.
CDN	Canada	WI 53186-1153 Waukesha	HATZ Diesel of America, Inc.
CI	Côte d' Ivoire	1691 ABIDJAN 11	PRESTIGE - AUTO
CN	China	Xiamen	Motorenfabrik Hatz GmbH. & Co. KG.
CO	Columbia	94099 RUHSTORF A.D. ROTT	MOTORENFABRIK HATZ GMBH & CO.KG
CR	Costa Rica	94099 Ruhstorf	Motorenfabrik Hatz GMBH & CO. KG
CY	Cyprus	4151 Kato Polemidhia - Limassol	L.NEMITSAS LTD
CZ	Czech Republic	37001 Ceske Budejovice	David Servis spol. s.r.o.
D	Germany	02730 Ebersbach	Peter Hirche
D	Germany	03130 Spremberg	Lischke Motortechnik
D	Germany	04509 Wiedemar	SERVICEZENTRALE
D	Germany	07957 Langenwetzendorf	LAREMO GmbH
D	Germany	09669 Frankenberg	V. Kluge GmbH
D	Germany	12057 Berlin	Fritz Bugel GmbH
D	Germany	15345 Altlandsberg	KFZ-Instandsetzung Hase
D	Germany	17235 Neustrelitz	Autek-Truck - Technik & Service GmbH
D	Germany	18055 Rostock	Mechanische Werkstatt
D	Germany	18442 GROß-LÜDERSHAGEN	MOTOR-SPEZI
D	Germany	19348 Dölpow	Bernd Jüchert

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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 - 58 795 33
D	Germany	26215 NEUENKRUGE	MOTORENINSTANDSETZUNG OLDENBURG GMBH	+49 - (0)441 -
7 20 21/22				
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	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
D	Germany	44143 Dortmund-Wambel	Dressendorfer GmbH & Co. KG	+ 49 (231) 565563(0)-11
D	Germany	47198 Duisburg	ASS	02841/1733117
D	Germany	48282 Emstedten	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/Em	KEM - KLOSKA ENERGIE- UND MOTORENTECHNIK	+49 5931 9844
51				
D	Germany	50859 Köln	Peter Müller GmbH	+49 - (0)2234 - 7 91 69
D	Germany	52477 Hilsdorf - Mariadorf	B. Hamacher GmbH	+49 - (0)2404 - 9 85 60
D	Germany	52525 Heinsberg	Motoren Ritterbecks	02452-3126
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	67661 Kaiserslautern (Siegelbach)	Emrich GmbH	+49 - (0)6301 - 80 82, 80 83
D	Germany	70188 Stuttgart	Eberle Hald Handel u. Dienstleistungen	+49 (0) 711 480 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	+49 (0)7361 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	78652 Deisslingen	Eberle Hald Handel u. Dienstleistungen	+49 (0) 7425 3386 - 0
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D	Germany	79331 Tenningen - Nimburg	Eberle Hald Handel u. Dienstleistungen	+49 (0)7663 9309 - 0
D	Germany	81477 München	Stefan Lutzenberger	+49 - (0)89 - 78 20 39
D	Germany	83483 Bischofswiesen	Friedrich Dicke GmbH & Co. KG	+49 - (0)8652 - 6 43 06
D	Germany	84381 EMMERSDORF	BAUMASCHINEN & GARTENGERÄTE SAUER	+49 - (0)8564 96 35 603
D	Germany	88074 Meckenbeuren	Eberle Hald Handel u. Dienstleistungen	+49 (0) 7542 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	94428 EICHENDORF	MARTIN STANGL	09952 9092672
D	Germany	97904 Dorfprozelten	MSG Mainschiffahrts-	+49 - (0)9392 - 93 41-0
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66				
DK	Denmark	6000 Kolding	Erenfred Pedersen A/S	+45 - 76 33 60 60



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DZ	Algeria	Alger	Dieselec S.A.R.L.	+213 23 77 65 68
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E	Spain	08038 Barcelona	Comercial Aim, S.L.	+34 - 93 - 3393250
E	Spain	15008 A Coruña	Talleres Hércules	+34 - 981 - 261650 / 252935
E	Spain	17469 Fortià (Girona)	Mauricio Xatarí Tell	+34 - 972 - 534088
E	Spain	18080 Granada	Comercial Peña Torres	+34 - 958 - 816600
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	28942 Fuenlabrada (Madrid)	Austral Reparaciones y Servicios, S.L.	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 Mutilla Alta	Maquinaria y Servicios ECA	+34 - 948 - 24 10 17
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	Lujor Maquinaria S.L.	+34 - 922 - 10 10 41
E	Spain	41007 Sevilla	Repuestos Corres	+34 - 954 361866
E	Spain	43206 Reus (Tarragona)	Tractomecanic Maquinaria S.L.	+34 - 977 - 314923
E	Spain	45600 Talavera de la Reina	Talleres Mendez	925 80 13 97
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	50016 Zaragoza	Loma e Hijos, S.L.	+34 - 976 - 575177 / 570809
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ES	El Salvador	San Salvador	TEMSA	+503 - 2239 8600
ET	Egypt	11331 Cairo	Market Leaders	+20 - 22 - 4 53 07 63, 4 53 09 17
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F	France	19360 Malemort	SGR Maintenance	+33 - 5 - 55 86 91 91
F	France	19360 Malemort	SGR MAINTENANCE	+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 Cedex	DEMOLIN	+33 2 - 32 39 07 22
F	France	31300 TOULOUSE	MIDI-DIESEL	+33 - 5 - 61 42 80 11
F	France	31300 TOULOUSE	MIDI-DIESEL	+33 5 - 61 42 80 11
F	France	33704 MERIGNAC	LAPORTE	+33 - 5 - 56 34 20 26
F	France	33704 MERIGNAC	LAPORTE	+33 - 5 - 56 34 44 29
F	France	33704 MERIGNAC	LAPORTE	+33 5 - 56 34 20 26
F	France	34671 BAILLARGUES Cedex 01	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
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F	France	37170 CHAMBRAY-LES-TOURS	Perron & Gay	02-47-28-94-94
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F	France	52901 Chaumont Cedex 9	Chaumont Poids Lourds	+33 3 - 25 71 47 47
F	France	52901 Chaumont Cedex 9	Chaumont Poids Lourds	+33 3 25 71 47 47
F	France	56402 AURAY Cedex	PENQUEST	+33 - 2 - 97 24 16 59
F	France	59167 LALLAING	COMOTEQ	+33 - 3 - 27 99 35 23
F	France	67300 Schiltigheim	ALSIA SA	+33 - 3 - 88 33 05 95
F	France	69684 Chassieu Cedex	HATZ-France	+33 - 4 - 78 90 73 25
F	France	76800 SAINTETIENNE DU ROUVRAY	MORISSE-NAYRAT MOTORS	02-32-95-91-63
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F	France	78310 Le Perray en Yvelines	SUD-MAT S.A.S.	+33 - 1 - 34 57 85 00
F	France	78310 Le Perray-en-Yvelines	SUD-MAT S.A.S.	+33 - 1 - 34 57 85 00
F	France	78310 Le Perray-en-Yvelines LE PERRAY-EN-YVELINES	SUD-MAT S.A.S.	+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
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GB	Great Britain	BL4 0LS Bolton	Seddons Plant	+44 - 1204 - 85 46 00
GB	Great Britain	BS20 7XE Bristol	Rollo UK	+44 1275 377800
GB	Great Britain	CF24 5EL Cardiff	CPS (European) Ltd.	+44 2920 453194
GB	Great Britain	CM9 5FA Essex	Taylor Construction Plant Ltd	+44 (0)1621 850777
GB	Great Britain	CV21 1PB Warkwickshire	BrownPower Eng Ltd	+44 - 1788 - 57 75 75
GB	Great Britain	CV21 3RQ Warks	Seddons Plant Ltd	+44 (0)1788 577575
GB	Great Britain	EX15 2AU Devon	Taylor Construction Plant Ltd	+44 (0)1884 266815
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	KT10 9AJ Surrey	A&P Services (Surrey) Ltd	+44 1372 468315
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 5AJ Leeds	Chippindale Plant Ltd	+44 - 113 - 2 63 23 44
GB	Great Britain	LS12 6EP Leeds	W.G. Search Ltd	+44 - 1132 - 79 79 90
GB	Great Britain	LU5 6HF Dunstable	Southern Plant Ltd.	+44 845 304 0001
GB	Great Britain	ME20 6SE Kent	Leach Lewis Plant Ltd.	+44 1622 718118
GB	Great Britain	NE4 7AX Newcastle	John Nixon Ltd.	+44 - 191 - 2 26 06 66
GB	Great Britain	NN11 8QJ Northants	Bryco Group Ltd.	+44 - 1327 - 87 61 66
GB	Great Britain	PL12 6LX Cornwall	AB Services Ltd.	+44 - 1752 - 84 88 20
GB	Great Britain	PO13 0FJ Hampshire	Meetens Industrial Engines	+44 845 6340297
GB	Great Britain	PR4 0JA Lancashire	Meetens Industrial Engines	01772 691604
GB	Great Britain	RH19 2HU West Sussex	Hydraulic Plant Services Ltd.	+44 1343 327300
GB	Great Britain	SN8 2RN Wiltshire	T.H. White	+44 - 1672 - 51 23 28
GB	Great Britain	ST4 3NX Stoke on Trent	Seddons Plant Ltd.	+44 - 1782 - 59 34 44
GB	Great Britain	TN24 8DH Kent	Lister Wilder Ltd	+44 (0)1233 619290
GB	Great Britain	TO14 9AE Devon	Sleeman & Hawken Ltd.	+44 1626 778266





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GH	Ghana	Accra - North	Agria Machinery	+233 302 222 169
GN	Guinea	Conakry	IDRISSA DIOP	+224 30 47 80 80
GR	Greece	11853 Athens	MAVROGIANNAKIS S.A	+30 210 3461762
GUA	Guadeloupe	97176 Abyemes Cedex	Assistance 97 Guadeloupe	+590 - 590 47 09 90
GUY	Guyana	94099 Ruhstorf	Motorenfabrik Hatz GMBH & CO. KG	+49 (0)8531 319 373
H	Hungary	1165 Budapest	Benaco	+36 - 1 - 4 07 37 34
HK	Hong Kong	Xiamen	Motorenfabrik Hatz GmbH. & Co. KG.	+86 - 592 - 520 45 -28/-38/-78
HN	Honduras	12101 Comayagua - Tegucigalpa, D.C.	Corporación Comercial, S.A. de C.V.	+ 504 - 222 0576, +504-2237-5195
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I	Italy	00133 Roma	Eros Antonelli S.N.C.	+39 - 06 - 72 65 02 60
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I	Italy	05100 Terni	Lamperini Services	+39 - 0744 - 30 62 10
I	Italy	06061 Castiglione del Lago	Della Giovampaola Danilo	+39 - 075 - 96 52 433
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
I	Italy	14056 Boglietto di Costigliole d'Asti AT	Barbero Andrea	+39 - 0141 - 96 82 93
I	Italy	16100 Genova	Bruzone Enzo	+39 - 010 - 3 73 93 96
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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	31057 Silea (Tv)	Trattoricambi sas	+39 - 0422 - 36 12 31
I	Italy	33010 Felleto Umberto Tavnagnacco Ud.	Ezio Fiorin Eredi di Alberto Fiorin & C.	+39 - 0432 - 57 30 76
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I	Italy	34015 Muggia TS	Volpi Tecno Energia SRL	+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
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I	Italy	39100 Bolzano	Officina D'Ambrosio	+39 - 0471 - 20 42 00
I	Italy	40060 Trebbio Di Reno (BO)	Venturoli Lauro	+39 - 051 - 70 02 41
I	Italy	40132 BOLOGNA (BO)	MARCHESI LUCIANO DI	+39-051 403599
I	Italy	41030 BOMPORTO	HATZ ITALIA S.R.L. UNIPERSONALE	+39 - 059 - 25 41 29
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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
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74 43				
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I	Italy	85043 Latronico PZ	Falabella Egidio	+39 - 0973 - 85 81 41
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IND	India	400072 Mumbai	SKL (India) Pvt. Ltd.	+91 - 22 - 28 47 66 49
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IRL	Ireland	BT51 5JZ Coleraine	T.B.F. Thompson	+44 - 28 - 29 55 83 53
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MAT	Martinique	97232 Le Lamentin	Assistance 97	+596 - 5 96 50 30 00
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MM		11041 Yangon	SINGTECH GLOBAL ENGINEERING & TRADING CO., LTD	+95 954 14
873				
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	5962 Bjordal	Østerbø Maskin AS	+47 - 48161718
NAM	Namibia	Windhoek	ConServ Engineering Services C.C.	+264 - 61 - 23 63 36
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





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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 Zelizrzewo	E.M.A. Hochschulz S.C.	+48 - 58 - 6 73 60 80
PL	Poland	85-549 Bydgoszcz	Technet S.C.	+48 - 52 - 3 70 70 90
PL	Poland	95-002 Smardzew	Broker - Serwis	+48 - 42 - 7177868; 7177883; 7177895
PNG	Papua New G.	2164 Smithfield NSW	please contact:	+61 - 2 - 8788 7999
PRY		FERNANDO DE LA MORA	BALLASCH INTERNACIONAL SACI	+595 21 674 031/2
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
RB	Botswana	Gaborone	Orbit Pumps (Botswana) (Pty) Ltd.	+267 - 397 49 26
RB	Botswana	Gaborone	Franklin Electric	+00 267 397 4926
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 - 22 - 7 82 92 75
REU	Réunion	94099 RUHSTORF	MOTORENFABRIK HATZ GMBH & CO.KG	+49 8531 319 425
RI	Indonesia	50141 Semarang	PT URIP GUMULYA	+62 024 762 1195
RIM	Mauritania	Nouakchott	SODEQ S.A.	+222 - 5 25 47 30
RL	Lebanon	1102-2070 Beirut	Najib 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 - 20 21 52 30
RO	Romania	012051 Bucharest	Fland Gruppe srl.	+40 - 21 - 3 36 11 30/ -50
ROK	Korea	150-972 Seoul-Youngdeungpo-Gu	U-YOUNG INDUSTRIAL CO.LTD.	+82 2 549 0611
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	94099 RUHSTORF	MOTORENFABRIK HATZ GMBH & CO.KG	+49 8531 319 425
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	MKSM-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	414040 Astrakhan	AstraDieselService	+7 (8512) 31-75-35, 31-75-45
RUS	Russia	600026 Vladimir	EuroDiesel-Rus ltd.	(4922) 37-60-45
RUS	Russia	628404 Surgut	MKSM - 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	23841 Oxie	Limhamns Industriservice AB	+46 - 040 306102
S	Sweden	393 65 Kalmar	Maskinteknik i Kalmar AB	+46 0480 478850
S	Sweden	417 55 Göteborg	Blombergs Diesel & Motor AB	+46 031 221220
S	Sweden	574 35 Vetlanda	Höglandets Maskin Skog Entreprenad AB	+46 0383 763034
S	Sweden	59017 Mantorp	Allservice Mantorp	+46 - 070 5954300

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S	Sweden	623 77 Klintehamn	Cedergrens Mek. Verkstad AB	+46 0498 241720
S	Sweden	77497 Fors	Tekzone AB	+46 070 6282277
S	Sweden	782 75 Malungfors	Reijo maskinservice AB	+46 0280 40328
S	Sweden	836 94 As	Nordisk teknik AB	+46 070 3105070
S	Sweden	863 33 Sundsbruk	Mattfors Truck service AB	+46 070 5702524
S	Sweden	922 31 Vindeln	Vindelns maskinservice AB	+46 070 6077812
S	Sweden	931 70 Skelleftea	Skelleftea EI & Diesel AB	+46 0910 711111
S	Sweden	942 36 Älvsbyn	All Mecanservice AB	+46 0929 57012
S	Sweden	98138 Kiruna	Wist Last & Buss Ab	+46 - 980/398400
S	Sweden	98238 Gällivare	Holmgrens Truck & Motor AB	+46 - 970 - 74540
SGP	Singapore	768441 Singapore	EquipSource Pte Ltd	+65 - 67 59 22 96
SK	Slavakia	91501 Nové Mesto n. Váhom	RAMIRENT 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	94099 Ruhstorf	Motorenfabrik Hatz GMBH & CO. KG	+49 (0)8531 319 373
SN	Senegal	Dakar	MATFORCE	+221 - 33 864 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	768441 Singapore	Please contact our agent in Singapore	+65 - 67 59 22 96
TN	Tunesia	1001 Tunis	S.I.A Ben Djemaa & Cie	+216 - 71 24 25 66
TN	Tunesia	3000 Stax	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	Electro Diesel & Co. Ltd.	+1-868 657 8733
UA	Ukraine	03313 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	80010 Aurora	EC Power Systems	303/360-7110
USA	United States	84120 Salt Lake City	EC Power Systems	801/886-1424
USA	United States	Boise	EC Power Systems	208/342-6541
USA	United States	WI 53186-1153 Waukesha	HATZ Diesel of America, Inc.	+1 - 262-544-0254
UZB	Uzbekistan	100011 Tashkent	Kartash Profservice	+998 - 7 11 203090
VN	Vietnam	Di An, Binh Duong	DZI AN MANUFACTURING PLC	+84 90 877 8466
WAL	Sierra Leone	Freetown	cerra automotive	+232 - 77 - 23 21 72
WAN	Nigeria	- Lagos	A1 Multi Services Limited	+234 803 7 123 006
YAR	Rep. of Yemen	Sana'a	Al Mahfadi Sons Company Ltd.	+967 1 22 25 29
YV	Venezuela	Caracas	Maquinarias Larraq, C.A.	+58- 212 - 9 44 16 31 / 9 44 56 29
ZA	South Africa	1609 Edenvale	Hatz Diesel (S.A.) Pty. Ltd.	+27 - 11 - 5 74 09 00
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	East London	Construction Equipment Supplies	+27 (0)43 748 4077
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.	+263 - 4 44 78 69 / 90 / 99



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

IMT-No.

4H50 TI (Serial No. 161 xx)

4H50TI.10	4H50TI.11	16.721
4H50TI.11	4H50TI.12	16.723

4H50 TIC (Serial No. 136 xx)

4H50TIC.10	4H50TIC.11	15.717
4H50TIC.11	4H50TIC.12	15.718
4H50TIC.12	4H50TIC.13	16.721
4H50TIC.13	4H50TIC.14	16.723

4H50 TIC-DPF (Serial No. 162 xx)

4H50TIC-DPF.12	4H50TIC-DPF.13	16.721
4H50TIC-DPF.13	4H50TIC-DPF.14	16.723