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YOUR ONE STOP SUPERSTORE FOR DIESEL ENGINE PARTS

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CREATING POWER SOLUTIONS.



4H50N | 4H50NO | 4H50TI |
4H50TIC | 4H50TICD

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

Hatz Service

0000 437 001 08
34 - 02 .2025 - 0.5

Printed in Germany

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



CREATING POWER SOLUTIONS.

www.HATZ.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

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.com

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

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

4 H 50 N	.12	□ (147 12)	4 H 50 TI	.22	□ (161 22)
4 H 50 NO	.10	□ (192 10)	4 H 50 TIC	.22	□ (136 22)
4 H 50 N	.10	□ (193 10)	4 H 50 TIDC	.12	□ (165 12)

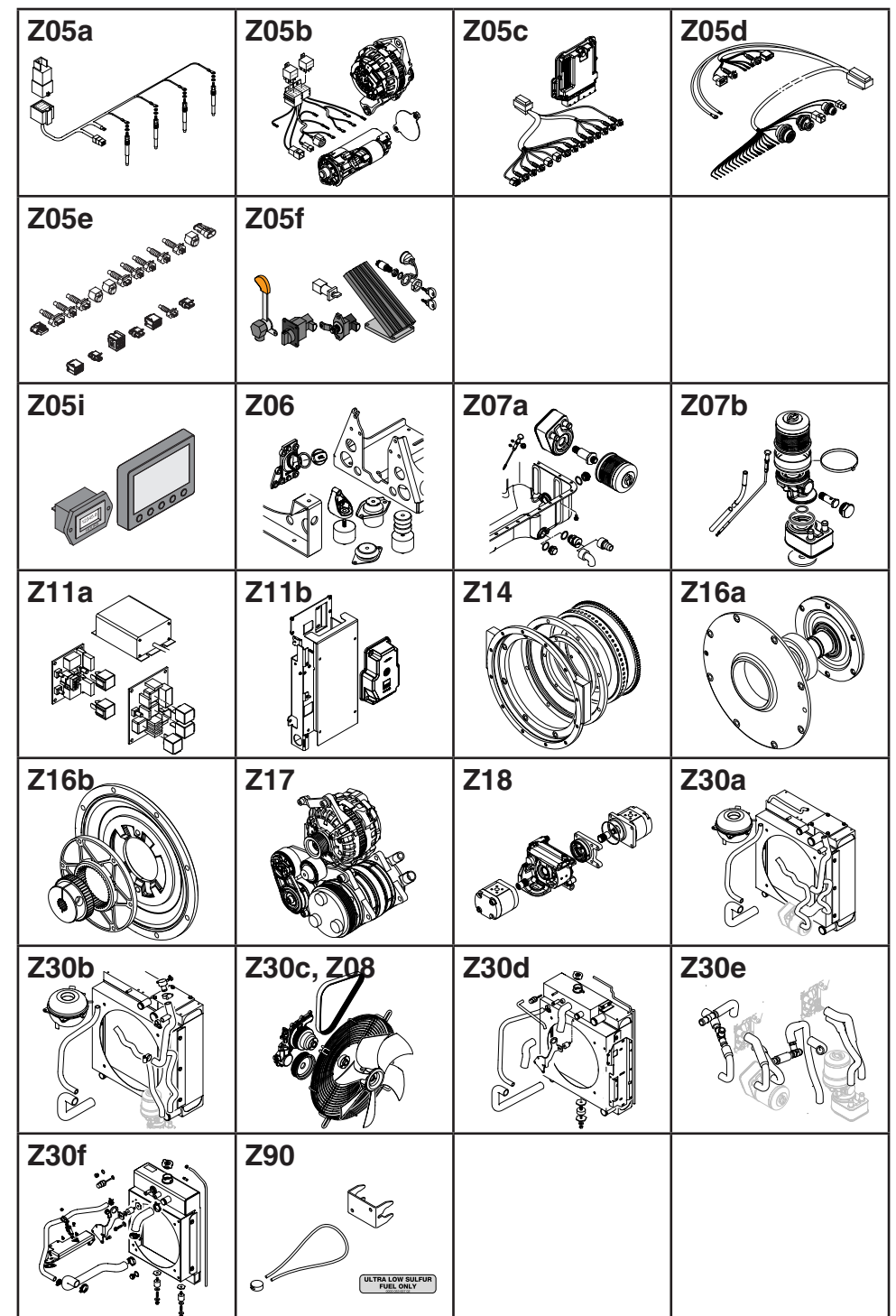
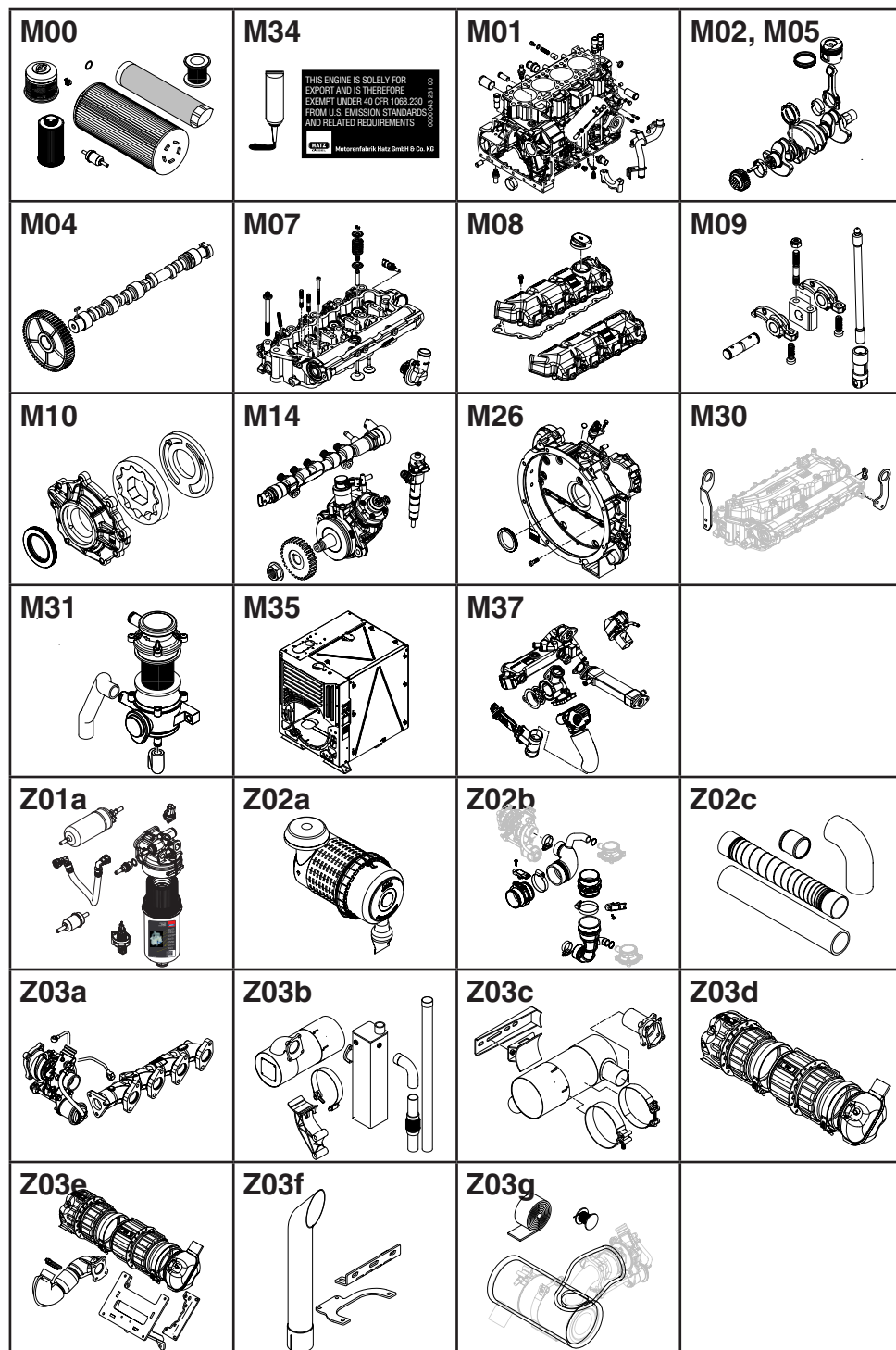
Example: / Beispiel: / Exemple: / Ejemplo: / Esempio: **136 14 18 123456**

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.



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

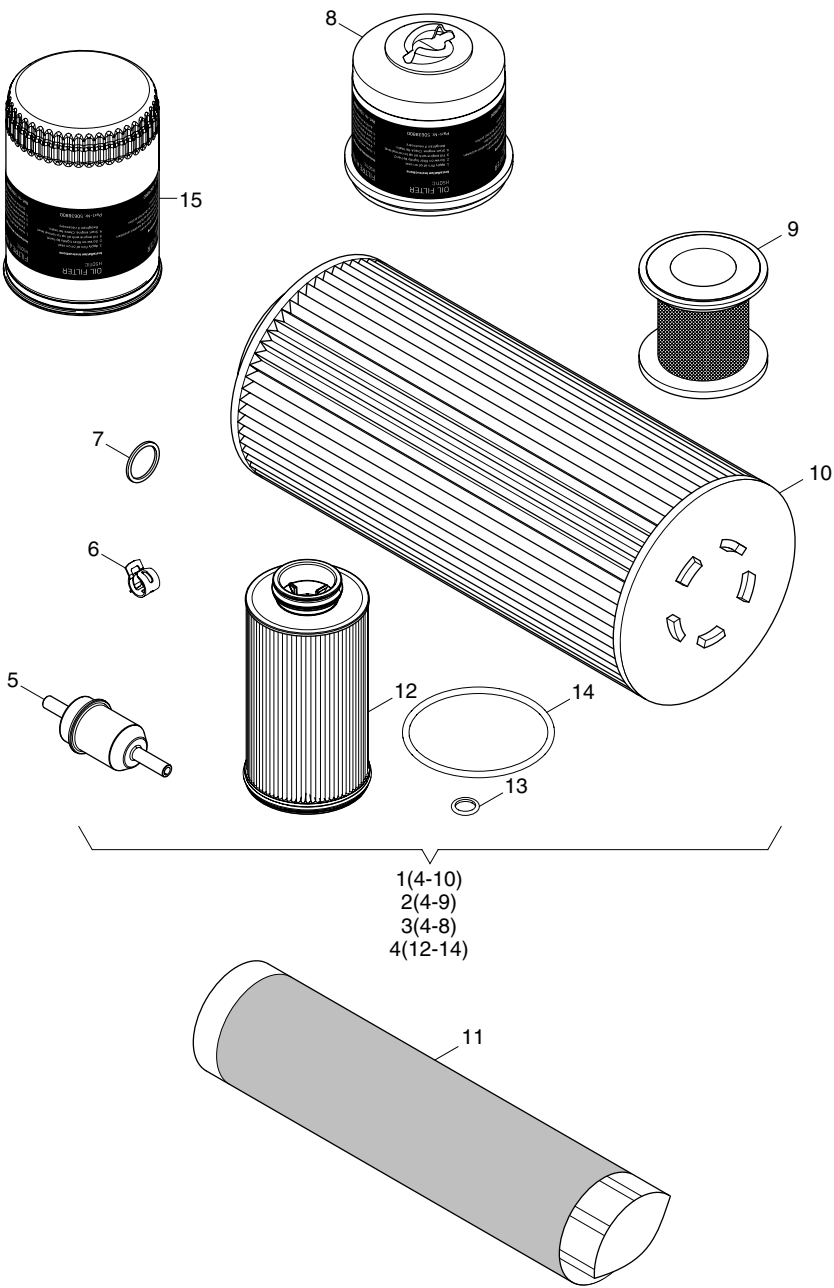


Fig.- No.	HATZ Ident-No.	Qty. Stück	W d / D	Notes Bemerkungen				
		4H50N Serial No. 147 12...	4H50NO	4H50N Serial No. 193 10...	4H50TI	4H50TIC	4H50TICD	
1	0000 026 589 00	-	1	1	1	1	1	500h
2	0000 026 588 00	-	1	1	1	1	1	500h light
3	0000 026 590 00	-	1	1	1	1	1	
4	0000 021 475 01	1	1	1	1	1	1	
5	0000 506 958 00	1	1	1	1	1	1	
6	0000 506 937 00	1	1	1	1	1	1	
7	0000 500 016 00	1	1	1	1	1	1	A 22 x 27 DIN 7603 Cu
8	0000 024 024 00	-	1	1	1	1	1	vertikal
8	0000 506 388 01	-	1	1	1	1	1	horizontal
9	0000 506 405 00	1	1	1	1	1	1	
10	0000 506 382 00	-	1	1	1	1	1	
11	0000 506 383 00	-	1	1	1	1	1	2 years
12	-----	-	-	-	-	-	-	
13	-----	-	-	-	-	-	-	
14	-----	-	-	-	-	-	-	
15	0000 021 865 00	1	1	1	1	1	1	vertikal 9L
15	0000 506 938 00	-	1	1	1	1	1	horizontal 9L

Accessories
Zubehör
Accessoires
Accessorios
Kit accessori



Fig.- No.	HATZ Ident-No.	Qty. Stück	W d / D	Notes Bemerkungen
1	0000 043 231 00	1	1	
2	0000 055 413 00	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 B = 0000 502 231 01 C = 0000 502 232 00 D = 0000 700 189 18 E = 0000 502 234 00 F = 0000 502 238 00 + 0000 502 239 00 G = 0000 502 565 01 H = 0000 700 189 44 J = 0000 502 830 04 K = 0000 503 426 01 L = 0000 502 566 00 M = 0000 504 851 00 N = 0000 702 574 41	Loctite Activator N Loctite 574 Loctite 601 Loctite 243 Loctite 648 Technicoll 8058 Technicoll 8367 Loctite IS 407 Silicon Hochtemp. Paste Hochtemp. Fett Silicon sealer Schleifpaste Ergo 3110
500 ml 50 ml 50 ml 50 ml 10 ml 0,75 kg 0,75 kg 20 g 310 ml 100 ml 400 g 100 g 80 g 310 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

Crankcase
Kurbelgehäuse
Carter moteur
Caja cigueñal
Basamento motore

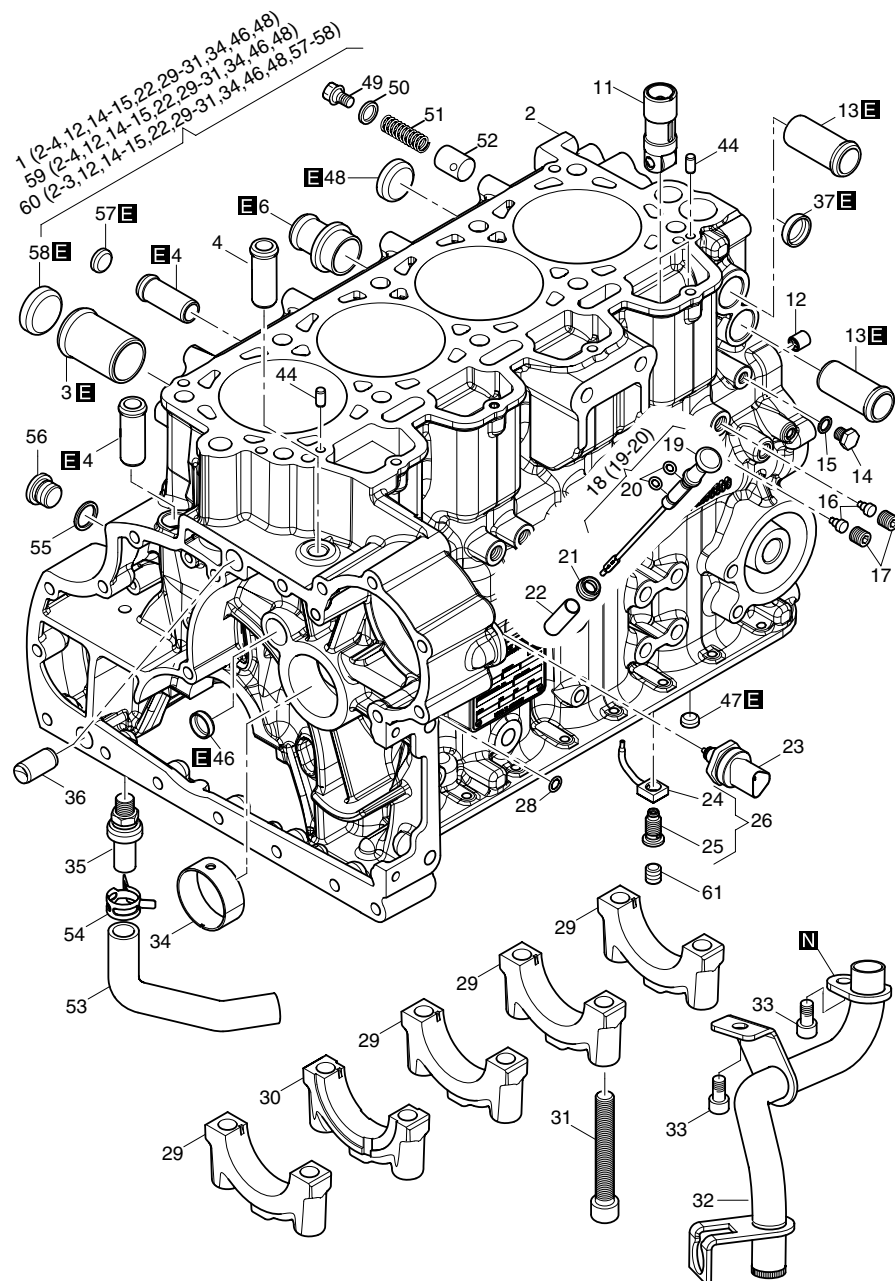


Fig.- No.	HATZ Ident-No.	Qty. Stück	W d / D	Notes Bemerkungen				
		4H50N Serial No. 147 12...	4H50N0	4H50N Serial No. 193 10...	4H50T1	4H50TIC	4H50TICD	
1	0000 020 533 30	-	-	-	1	1	1	
2	-----	-	-	-	-	-	-	
3	0000 042 974 00	-	0... 1	0... 1	1	1	1	Ø32
4	0000 042 955 00	2	2... 3	2... 3	3	3	3	Ø16
6	0000 043 091 00	-	-	-	-	1	1	Ø28
11	0000 020 320 00	8	8	8	8	8	8	
12	0000 042 953 00	1	1	1	1	1	1	
13	0000 042 976 00	1	1... 2	1... 2	1... 2	1... 2	1... 2	Ø22
14	0000 501 379 00	1	1	1	1	1	1	M 8 x 1 DIN 7604
15	0000 500 009 00	1	1	1	1	1	1	A 8 x 11,5 DIN 7603-Cu
16	0000 042 954 10	8	8	8	8	8	8	Ø6,0
17	0000 506 274 01	8	8	8	8	8	8	M 10 x 10 DIN 913 45H-VZ
18	0000 020 335 00	1	1	1	1	1	1	
19	-----	-	-	-	-	-	-	
20	0000 400 220 00	2	2	2	2	2	2	5 x 2
21	0000 040 845 00	1	1	1	1	1	1	
22	0000 042 991 00	1	1	1	1	1	1	
23	0000 506 337 00	1	1	1	1	1	1	
24	-----	-	-	-	-	-	-	
25	-----	-	-	-	-	-	-	
26	0000 020 318 00	4	-	-	4	4	4	
28	0000 400 663 00	2	2	2	2	2	2	Ø7,3 X 2,4
29	-----	-	-	-	-	-	-	
30	-----	-	-	-	-	-	-	
31	0000 506 275 00	10	10	10	10	10	10	M12 X 85 DIN 912-10.9
32	0000 020 625 02	1	1	1	1	1	1	
33	0000 500 516 00	2	2	2	2	2	2	M 8 X 16 DIN 912-8.8
34	0000 043 370 00	2	2	2	2	2	2	
35	0000 043 109 00	2	2	2	2	2	2	M 12 X 1,5 Ø14
36	0000 506 325 00	2	2	2	2	2	2	14 M6 X 28 DIN 6325geh.
37	0000 503 458 00	1	-	-	-	0... 1	0... 1	22 DIN 443
44	0000 506 452 00	2	2	2	2	2	2	6 M6X12 DIN6325
46	0000 500 431 00	1	1	1	1	1	1	Ø18 DIN 443
47	0000 042 876 00	1	1	1	1	1	1	Ø12
48	0000 504 828 00	4	4	4	4	4	4	Ø28 DIN 443-ST A3B
49	0000 500 442 00	1	1	1	1	1	1	M 18 x 1,5 DIN 910
50	0000 500 014 00	1	1	1	1	1	1	A 18 x 22 DIN 7603 - Cu
51	0000 036 399 00	1	1	1	1	1	1	Ø1,5
52	0000 036 398 00	1	1	1	1	1	1	
53	0000 043 430 00	1	1	1	1	1	1	
54	0000 506 766 00	1	1	1	1	1	1	Ø 20-21,6
55	0000 502 425 00	1	1	1	-	-	-	DIN 7603 - Cu
56	0000 505 558 00	1	1	1	-	-	-	M 16 x 1,5 DIN 908 - A3B
57	0000 500 430 00	1	0... 1	0... 1	-	-	-	16 DIN 443 - St 216 Ø16
58	0000 500 619 01	1	0... 1	0... 1	-	-	-	Ø32
59	0000 025 452 00	1	-	-	-	-	-	TRU
59	0000 021 807 00	-	0... 1	0... 1	-	-	-	
60	0000 025 452 11	-	0... 1	0... 1	-	-	-	
61	0000 506 274 01	1	1	1	-	-	-	M 10 x 10 DIN 913 45H-VZ

M02, M05

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

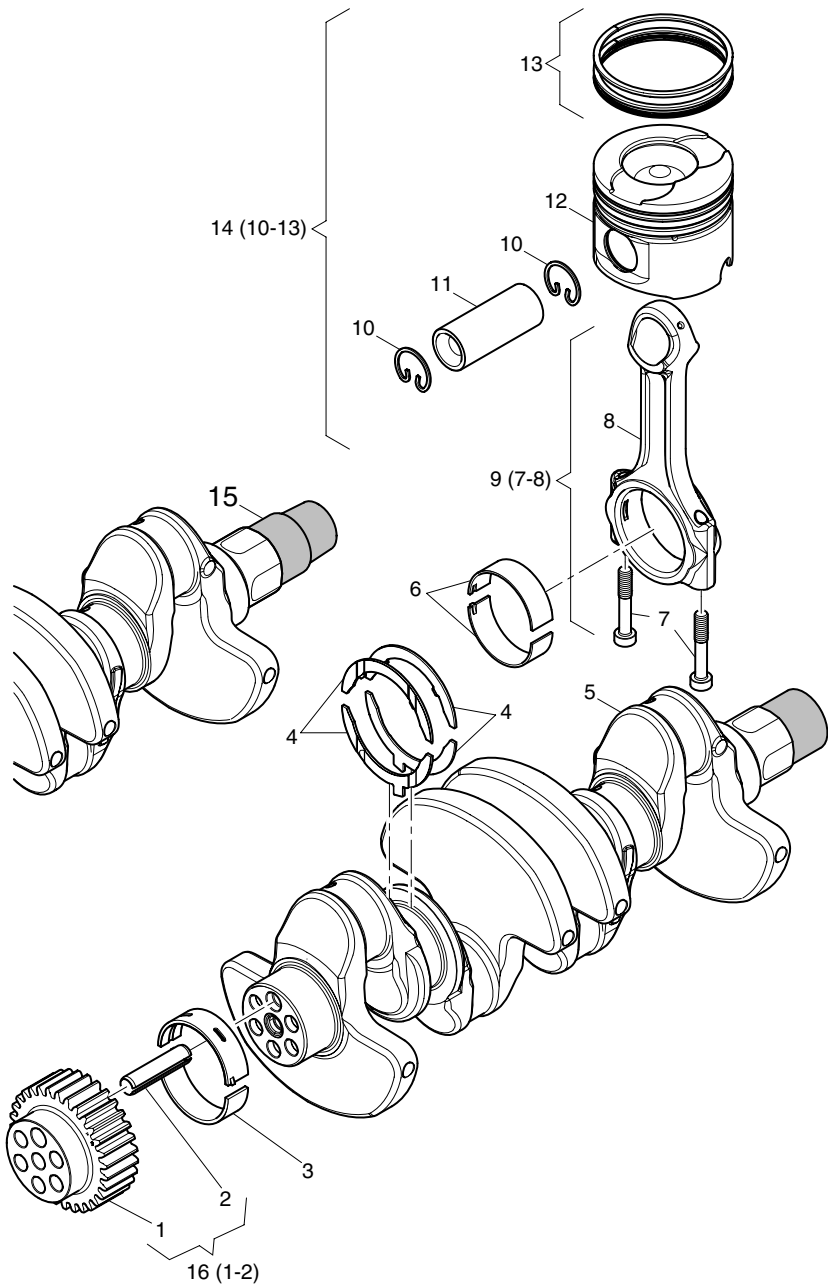


Fig.- No.	HATZ Ident-No.	Qty. Stück	W d / D	Notes Bemerkungen				
		4H50N Serial No. 147 12...	4H50N0	4H50N Serial No. 193 10...	4H50T1	4H50T1C	4H50T1CD	
1	-----	-	-	-	-	-	-	
2	0000 506 308 00	1	1	1	1	1	1	12x50 1FASE ISO 13337
3	0000 021 731 00	5	5	5	-	-	-	
3	0000 023 991 00	-	-	-	5	5	5	
4	0000 023 992 00	2	2	2	2	2	2	
5	0000 043 254 03	1	1	1	1	1	1	standard
6	0000 023 993 00	4	4	4	4	4	4	
7	0000 043 021 00	8	8	8	8	8	8	M8X1X47-12.9
8	-----	-	-	-	-	-	-	
9	0000 020 358 01	4	4	4	4	4	4	
10	0000 506 330 00	8	8	8	8	8	8	J28 x 1,2
11	-----	-	-	-	-	-	-	
12	-----	-	-	-	-	-	-	
13	-----	-	-	-	-	-	-	
14	0000 020 353 00	4	-	-	4	4	4	
14	0000 021 673 00	-	4	4	-	-	-	
15	0000 043 351 02	-	-	-	0... 1	0... 1	0... 1	cone
16	0000 025 873 01	1	1	1	1	1	1	

Camshaft
Nockenwelle
Arbre à cames
Arbol de levas
Albero a camme

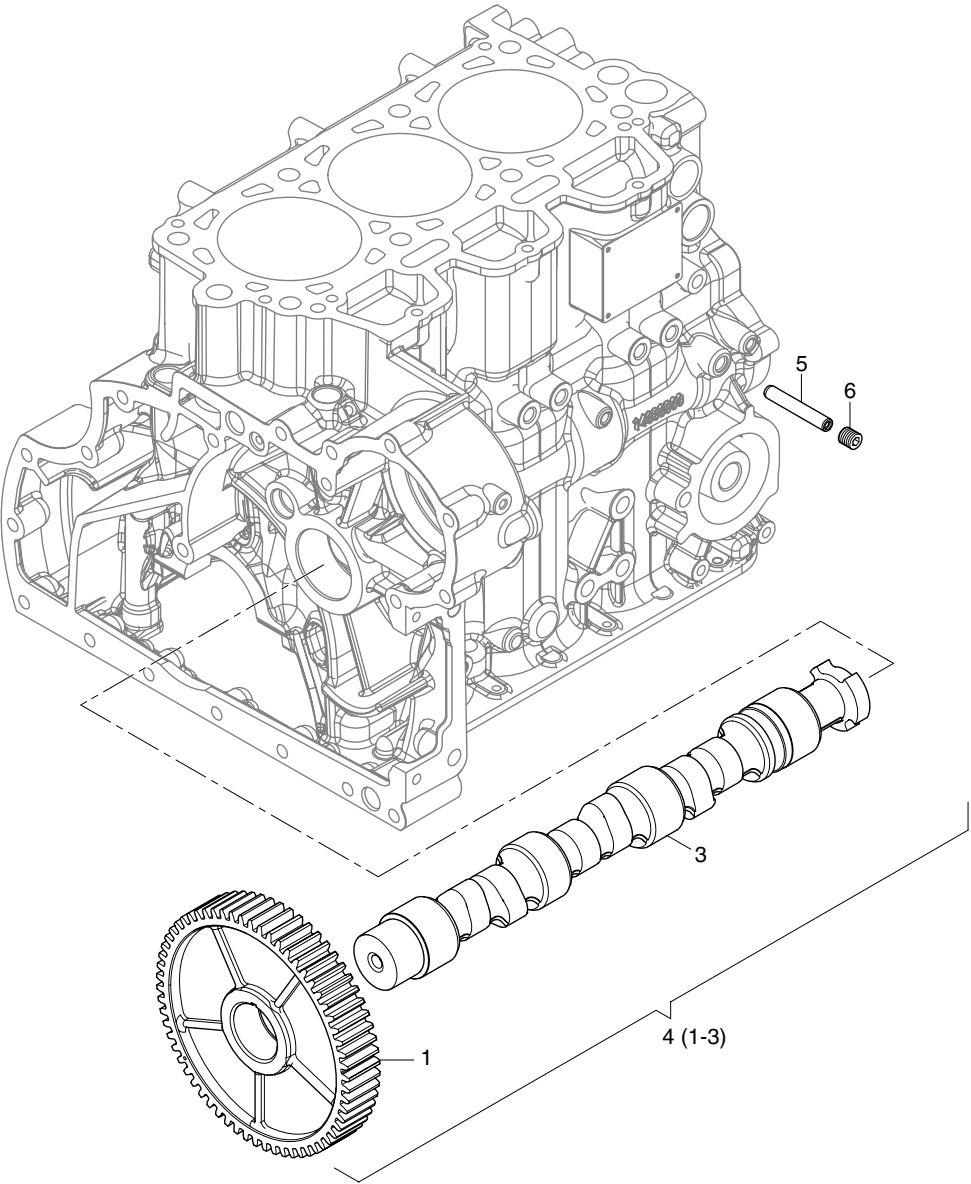


Fig.- No.	HATZ Ident-No.	Qty. Stück	W d / D	Notes Bemerkungen
1	0000 042 986 02	1	1	
3	-----	-	-	
4	0000 020 334 05	1	1	
4	0000 021 630 00	-	1	
5	0000 506 297 00	1	1	8 x 50
6	0000 506 274 01	1	1	M 10 x 10 DIN 913 45H-VZ

Cylinder head
Zylinderkopf
Culasse
Culata
Testa

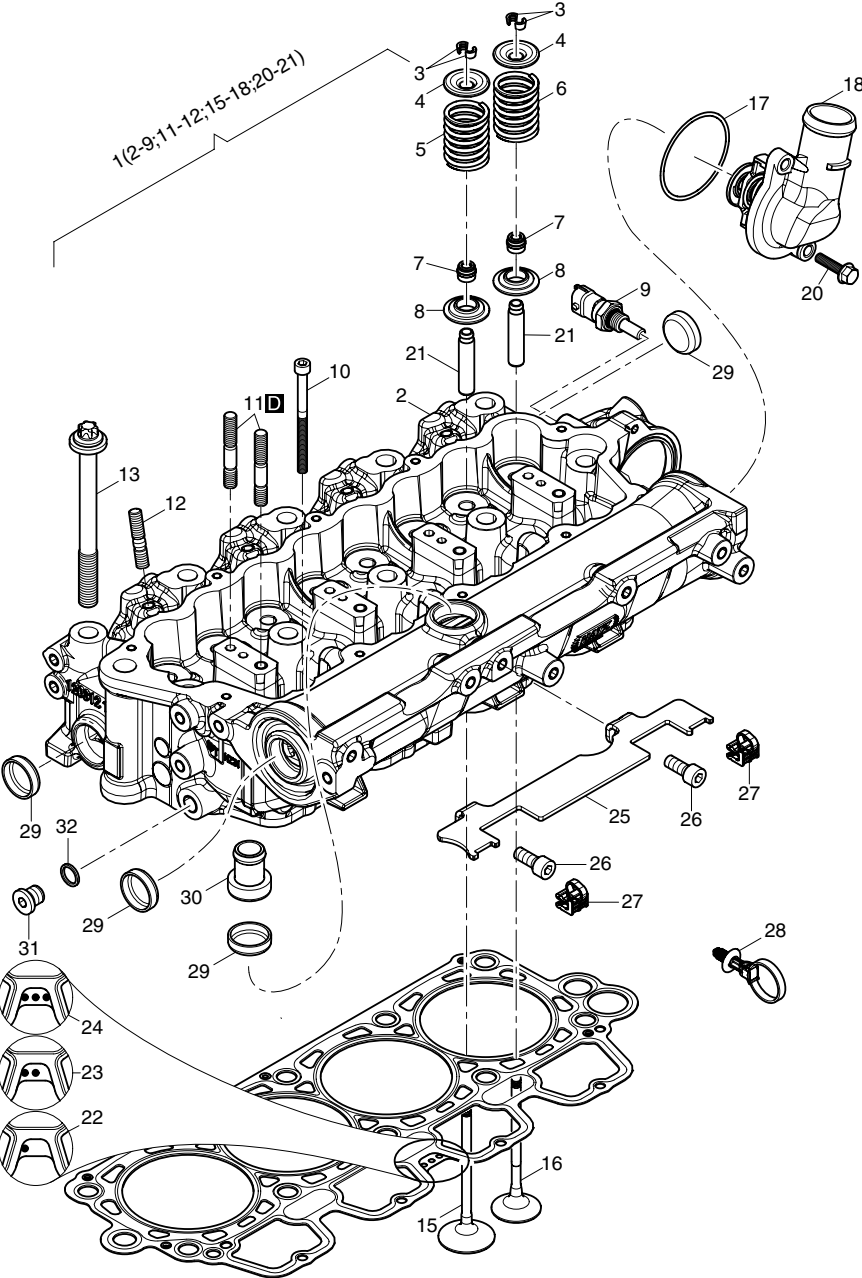


Fig.- No.	HATZ Ident-No.	Qty. Stück	W d / D	Notes Bemerkungen				
		4H50N Serial No. 147 12...	4H50N0	4H50N Serial No. 193 10...	4H50T1	4H50T1C	4H50T1CD	
1	0000 025 431 01	1	-	-	-	-	-	
1	0000 025 443 10	-	1	1	-	-	-	
1	0000 020 311 11	-	-	-	1	1	1	
2	-----	-	-	-	-	-	-	
3	0000 022 525 00	8	8	8	8	8	8	
4	0000 043 409 00	8	8	8	8	8	8	
5	0000 042 944 00	4	-	-	4	4	4	inlet
5	0000 043 770 00	-	4	4	-	-	-	
6	0000 043 408 00	4	-	-	4	4	4	outlet - white marked
6	0000 043 770 00	-	4	4	-	-	-	
7	0000 506 310 00	8	8	8	8	8	8	
8	0000 043 410 00	8	8	8	8	8	8	
9	0000 506 336 00	1	1	1	1	1	1	
10	0000 504 443 00	4	4	4	4	4	4	M 6 X 80 DIN 912-8.8 A3B
11	0000 502 792 00	8	8	8	8	8	8	M 8 x 40 DIN 835-8.8 A3B
12	0000 502 319 00	12	12	12	12	12	12	M 8 x 25 DIN 835-8.8 A3B
13	0000 042 948 01	10	10	10	10	10	10	
15	0000 042 941 01	4	4	4	4	4	4	
16	0000 042 942 01	4	4	4	4	4	4	
17	0000 506 284 00	1	1	1	1	1	1	58 x 2
18	0000 023 556 00	1	1	1	1	1	1	80°C
20	0000 506 615 00	2	2	2	2	2	2	M 6X 25 DIN 6921-8.8A2B
21	-----	-	-	-	-	-	-	
22	0000 042 949 01	0... 1	0... 1	0... 1	0... 1	0... 1	0... 1	0,4 mm (total 1,03mm)
23	0000 042 950 01	0... 1	0... 1	0... 1	0... 1	0... 1	0... 1	0,5 mm (total 1,13mm)
24	0000 042 951 01	0... 1	0... 1	0... 1	0... 1	0... 1	0... 1	0,6 mm (total 1,23mm)
25	0000 056 585 00	-	1	1	1	1	1	
26	0000 503 663 00	-	2	2	2	2	2	M 8 X 20 DIN 912-8.8A3B
27	0000 506 745 00	-	2	2	2	2	2	
28	0000 506 924 01	-	1	1	1	1	1	
29	0000 506 704 00	0... 4	0... 3	0... 3	0... 4	0... 4	0... 4	
30	0000 043 431 00	1	1	1	-	-	-	
31	0000 504 592 00	-	1	1	-	-	-	M 12 x 1,5 DIN 908 - St A3B
32	0000 500 011 00	-	1	1	-	-	-	A 12 x 15,5 DIN 7603-Cu

Cylinder head cover
Zylinderkopfdeckel
Couvercle de culasse
Tapa culata
Coperchio bilanciari

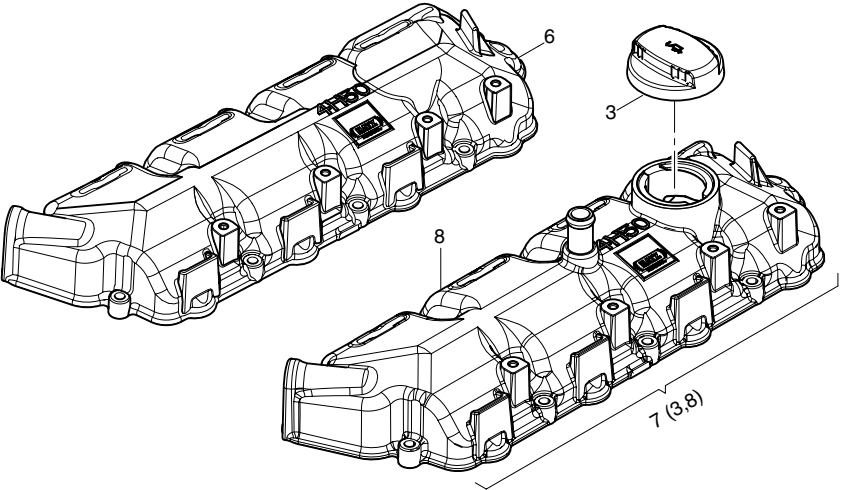
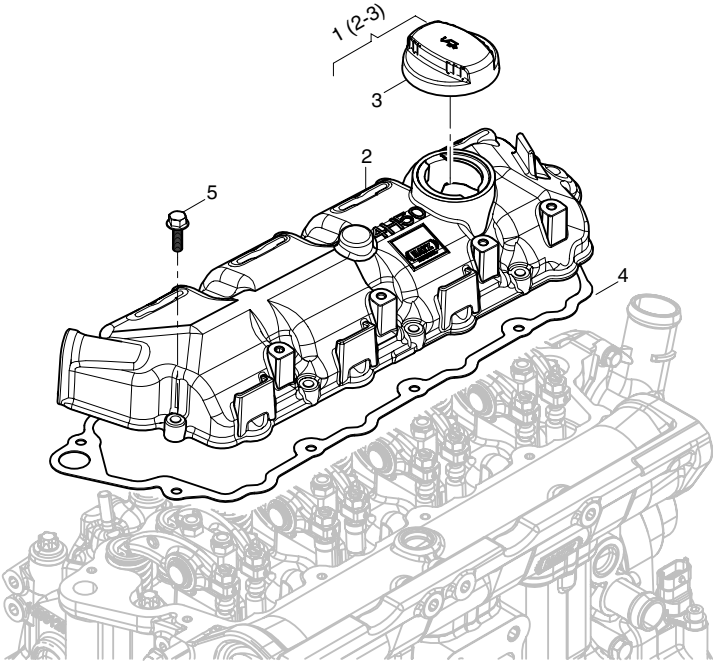


Fig.- No.	HATZ Ident-No.			Qty. Stück			W d / D	Notes Bemerkungen
		4H50N Serial No. 147 12...	4H50NO	4H50N Serial No. 193 10...	4H50TI	4H50TIC	4H50TICD	
1	0000 025 699 01	-	0... 1	0... 1	0... 1	0... 1	0... 1	M 6X 25 DIN 6921-8.8A2B
2	-----	-	-	-	-	-	-	
3	0000 506 708 02	-	1	1	1	1	1	
4	0000 043 039 10	1	1	1	1	1	1	
5	0000 506 615 00	9	9	9	9	9	9	
6	0000 025 698 00	0... 1	0... 1	0... 1	0... 1	0... 1	0... 1	
7	0000 020 790 01	-	-	-	0... 1	0... 1	0... 1	
8	-----	-	-	-	-	-	-	

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

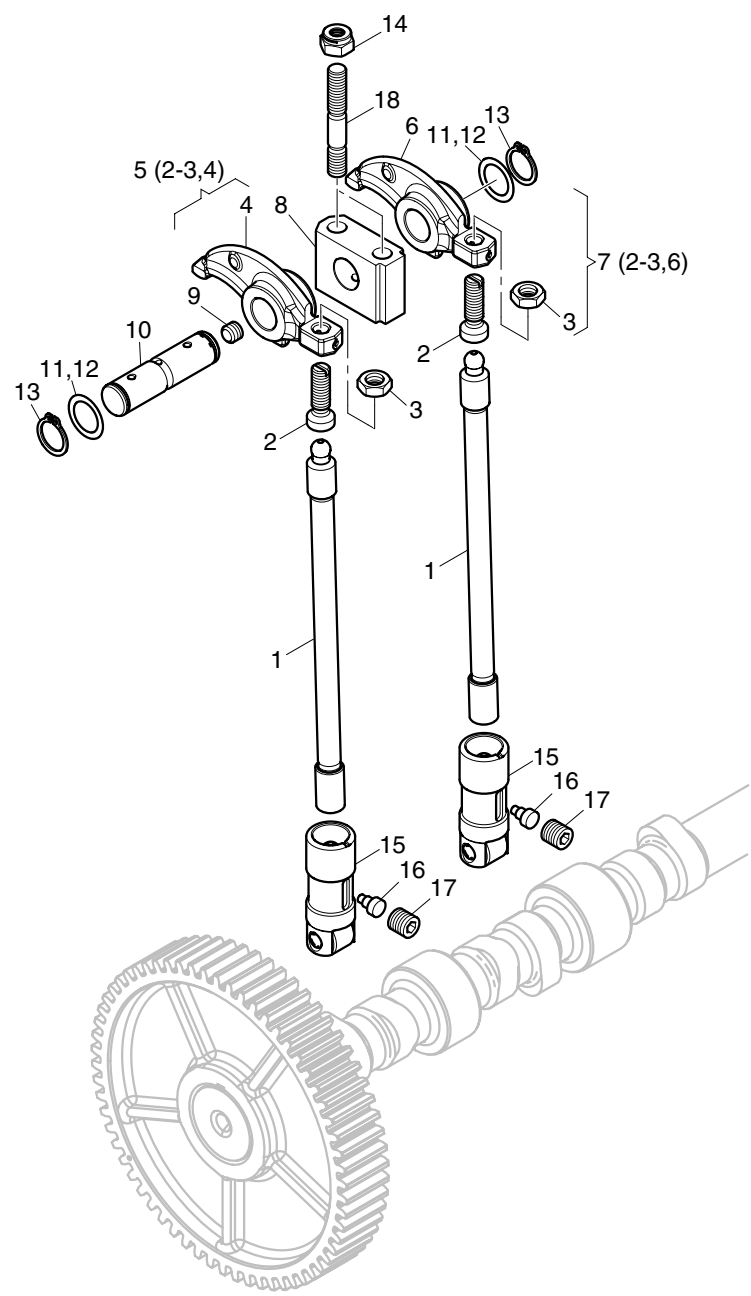


Fig.- No.	HATZ Ident-No.	Qty. Stück		W d / D		Notes Bemerkungen		
		4H50N Serial No. 147 12...	4H50NO	4H50N Serial No. 193 10...	4H50TI	4H50TIC	4H50TICD	
1	0000 043 910 00	8	-	-	-	-	-	
1	0000 043 772 00	-	8	8	-	-	-	
1	0000 043 068 01	-	-	-	8	8	8	
2	0000 043 070 01	8	-	-	8	8	8	
2	0000 043 773 00	-	8	8	-	-	-	
3	0000 031 731 00	8	8	8	8	8	8	M 8X1
4	-----	-	-	-	-	-	-	
5	0000 020 387 01	4	-	-	4	4	4	inlet
5	0000 021 678 00	-	4	4	-	-	-	inlet
6	-----	-	-	-	-	-	-	
7	0000 020 388 01	4	-	-	4	4	4	outlet
7	0000 021 679 00	-	4	4	-	-	-	outlet
8	0000 043 027 00	4	4	4	4	4	4	
9	0000 502 260 00	4	4	4	4	4	4	M 8 X 6 DIN 913-45H TU.FLEC
10	0000 043 069 00	4	4	4	4	4	4	
11	0000 503 159 00	0..8	0..16	0..16	0..8	0..8	0..8	15 x 21 x 0,2 DIN 988
12	0000 503 160 00	0..4	0..16	0..16	0..4	0..4	0..4	15 x 21 x 0,3 DIN 988
13	0000 500 198 00	8	8	8	8	8	8	A15 x 1 DIN 471
14	0000 400 284 00	8	8	8	8	8	8	VM 8 DIN 980-8 C3A
15	0000 020 320 00	8	8	8	8	8	8	
16	0000 042 954 10	8	8	8	8	8	8	Ø6,0
17	0000 506 274 01	8	8	8	8	8	8	M 10 x 10 DIN 913 45H-VZ
18	0000 502 792 00	8	8	8	8	8	8	M 8 x 40 DIN 835-8.8 A3B

M10

Oil pump
Ölpumpe
Pompe a huile
Bomba de aceite
Pompa olio

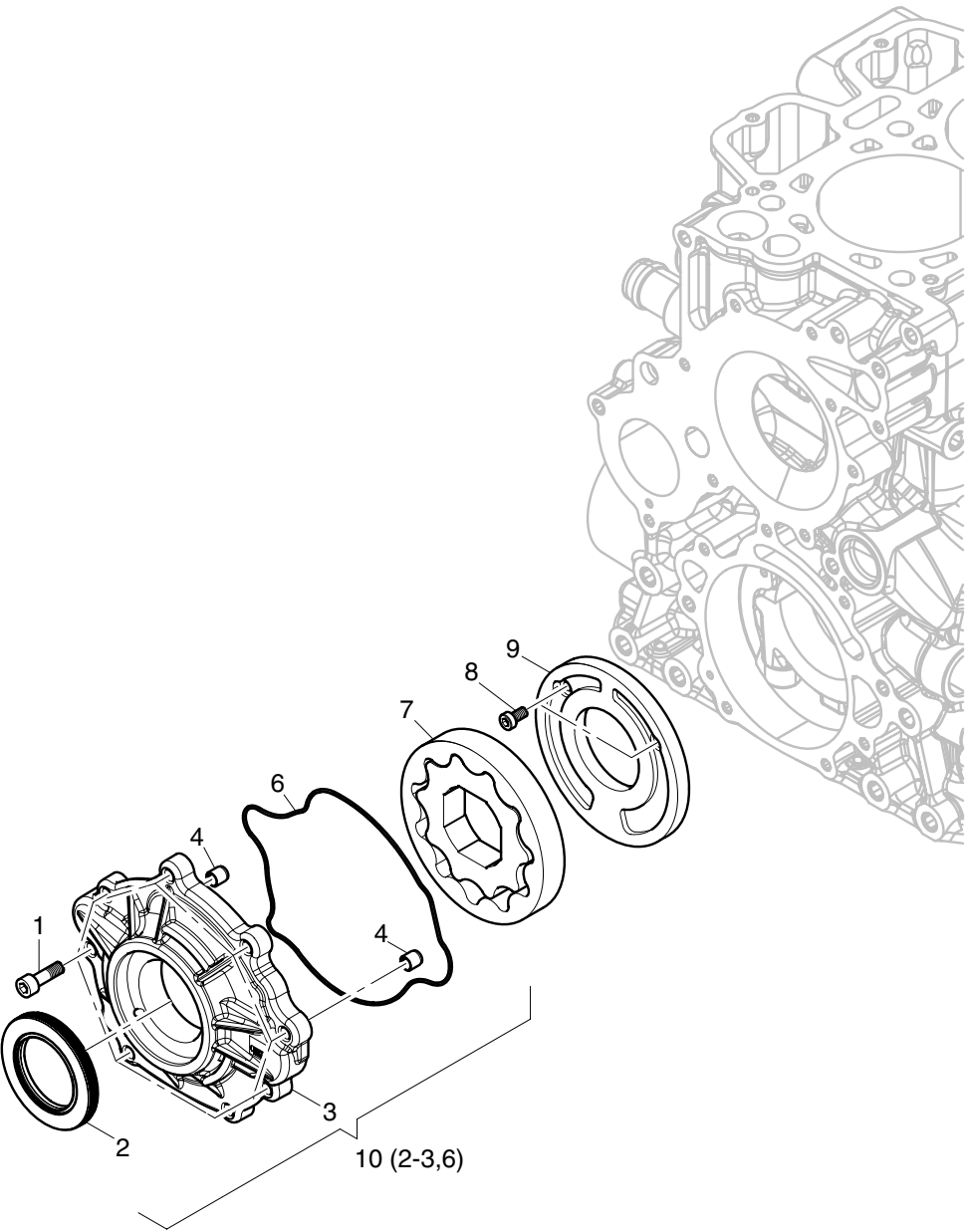


Fig.- No.	HATZ Ident-No.	Qty. Stück	W d / D	Notes Bemerkungen
1	0000 506 615 00	8	8	M 6X 25 DIN 6921-8.8A2B
2	0000 505 108 02	1	1	40 x 62 x 7
3	-----	-	-	-
4	0000 501 400 00	2	2	8 x 8 DIN 7346 55 Si 7
6	0000 043 387 00	1	1	
7	0000 025 464 00	1	1	
8	0000 501 126 00	2	2	M 5 X 10 DIN 6912-8.8 A3B
9	0000 042 962 10	1	1	
10	0000 025 874 01	1	1	

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

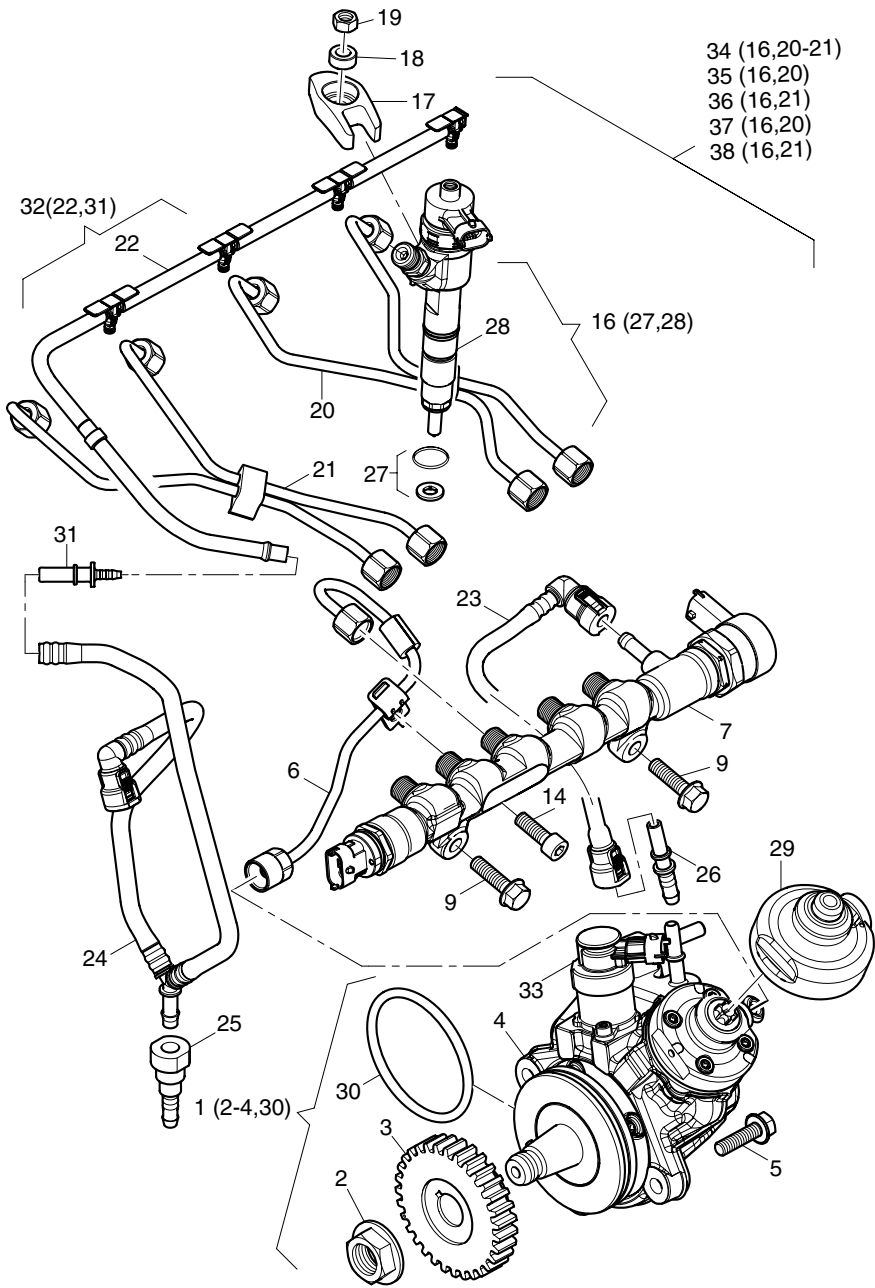


Fig.- No.	HATZ Ident-No.	Qty. St�ck	W d / D	Notes Bemerkungen
1	0000 020 639 01	1	1	
2	-----	-	-	
3	-----	-	-	
4	-----	-	-	
5	0000 506 304 00	3	3	M 8 X 30 DIN6921 - 8.8 A2B
6	0000 020 337 00	1	1	
7	0000 042 931 00	1	1	
9	0000 506 304 00	2	2	M 8 X 30 DIN6921 - 8.8 A2B
14	0000 500 960 00	1	1	M 8X 18 DIN 933 - 8.8 A3B
16	-----	-	-	
17	0000 043 006 00	4	4	
18	0000 040 357 00	4	4	
19	0000 501 480 00	4	4	M 8 DIN 934-8 A3B
20	0000 020 338 00	1	1	Injector 1+2
21	0000 020 339 00	1	1	Injector 3+4
22	-----	-	-	
23	0000 020 409 01	1	1	
24	0000 020 410 00	1	1	
25	0000 506 579 00	1	1	
26	0000 506 578 00	1	1	
27	0000 021 790 00	4	-	
27	0000 021 791 01	-	4	
28	-----	-	-	
29	0000 506 647 00	1	1	
30	0000 490 989 00	1	1	� 77 x 3,55
31	0000 506 560 00	1	1	
32	0000 025 691 00	1	1	
33	0000 491 071 00	1	1	Metering unit
34	0000 026 548 00	1	-	Injector 1-4
34	0000 021 768 00	-	1	Injector 1-4
35	0000 021 703 00	1	-	Injector 1 + 2
35	0000 021 771 00	-	1	Injector 1 + 2
36	0000 021 704 00	1	-	Injector 3 + 4
36	0000 021 772 00	-	1	Injector 3 + 4
37	0000 026 549 00	1	-	Injector 1 or 2
37	0000 021 769 00	-	1	Injector 1 or 2
38	0000 026 551 00	1	-	Injector 3 or 4
38	0000 021 770 00	-	1	Injector 3 or 4

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

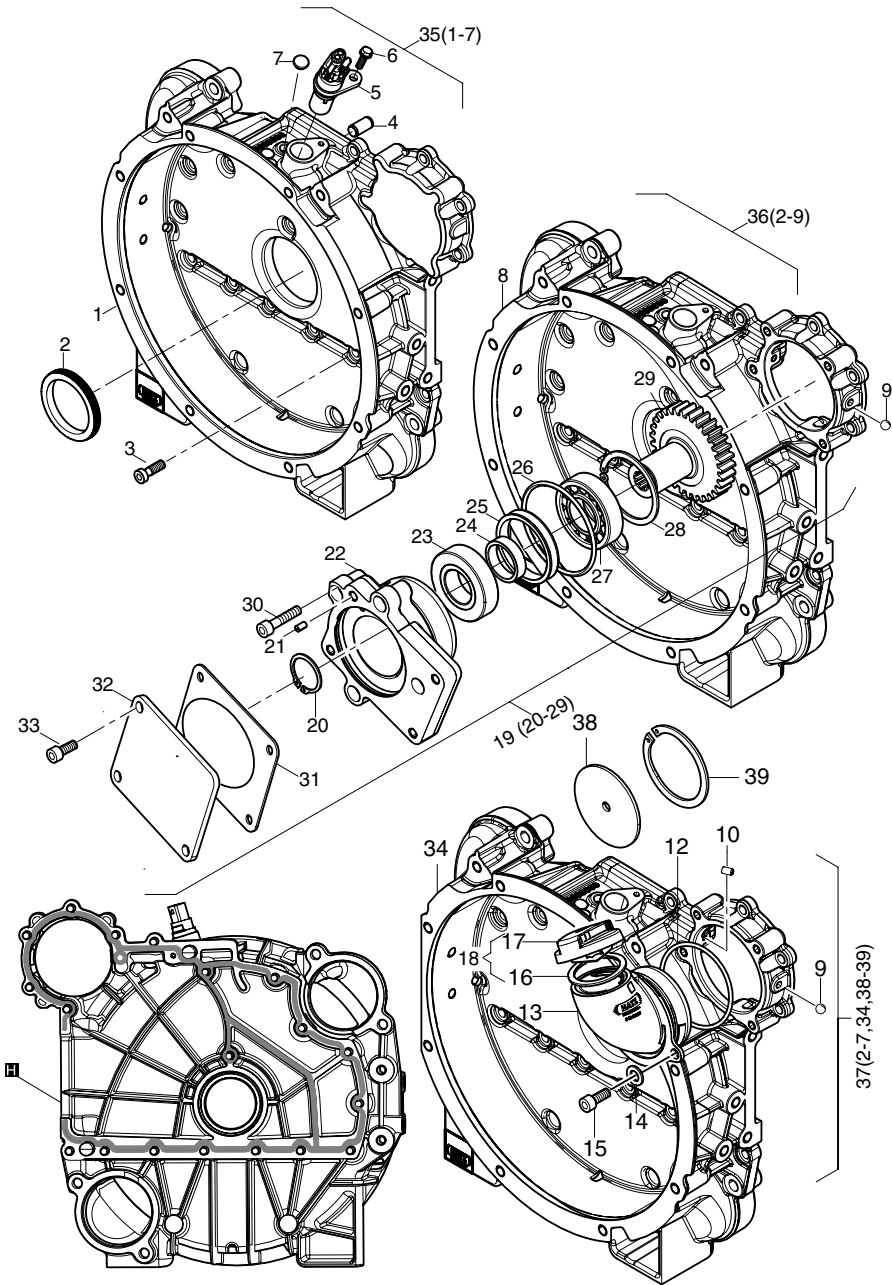


Fig.- No.	HATZ Ident-No.	Qty. Stück	W d / D	Notes Bemerkungen				
		4H50N Serial No. 147 12...	4H50N0	4H50N Serial No. 193 10...	4H50T1	4H50T1C	4H50T1CD	
1	0000 043 361 10	-	1	1	1	1	1	
2	0000 501 291 02	1	1	1	1	1	1	55 x 70 x 8
3	0000 501 715 00	19	19	19	19	19	19	M 8 X 25 DIN 912-8.8 A3B
4	0000 506 325 00	2	2	2	2	2	2	14 M6 X 28 DIN 6325geh.
5	0000 506 335 00	1	1	1	1	1	1	
6	0000 506 615 00	1	1	1	1	1	1	M 6X 25 DIN 6921-8.8A2B
7	0000 501 608 00	1	1	1	1	1	1	F 5 14x10,7x7,5
8	0000 043 360 10	-	0... 1	0... 1	0... 1	0... 1	0... 1	
8	0000 043 426 10	-	0... 1	0... 1	-	-	-	
9	0000 504 764 00	-	1	1	1	1	1	DIN 5401
10	0000 502 624 00	-	0... 1	0... 1	0... 1	0... 1	0... 1	M 6 X 10 DIN 916TUF360G
12	0000 506 700 00	1	1	1	1	1	1	
13	0000 043 423 00	1	1	1	1	1	1	
14	0000 501 157 00	2	2	2	2	2	2	8,4 DIN433-St 140 HV
15	0000 504 502 00	2	2	2	2	2	2	M 8 X 25 DIN 912-8.8 A3B TUF
16	-----	-	-	-	-	-	-	
17	-----	-	-	-	-	-	-	
18	0000 506 708 02	1	1	1	1	1	1	
19	0000 025 491 01	-	1	1	1	1	1	
20	0000 500 209 00	-	1	1	1	1	1	DIN 471
21	0000 041 049 00	-	1	1	1	1	1	(ø 5 mm)
22	0000 043 429 10	-	1	1	1	1	1	
23	0000 506 767 00	-	1	1	1	1	1	
24	0000 043 428 00	-	1	1	1	1	1	
25	0000 043 427 00	-	1	1	1	1	1	
26	0000 506 700 00	-	1	1	1	1	1	
27	0000 506 768 00	-	1	1	1	1	1	
28	0000 506 691 00	-	1	1	1	1	1	
29	0000 043 421 11	-	1	1	1	1	1	
30	0000 501 775 00	-	4	4	4	4	4	M 8 X 40 DIN 912-8.8 A3B
31	0000 035 680 00	-	1	1	1	1	1	
32	0000 037 616 00	-	1	1	1	1	1	
33	0000 501 715 00	-	4	4	4	4	4	M 8 X 25 DIN 912-8.8 A3B
34	0000 043 426 10	1	1	1	-	-	-	
35	0000 020 633 01	-	-	1	1	1	1	
36	0000 020 617 01	-	-	1	1	1	1	
37	0000 020 675 02	1	1	1	-	-	-	
38	0000 056 319 00	1	1	1	-	-	-	
39	0000 506 963 00	1	1	1	-	-	-	

M30

Lifting device
Aufzugvorrichtung
Dispositiv de suspension
Dispositivo de suspension
Aufzugvorrichtung

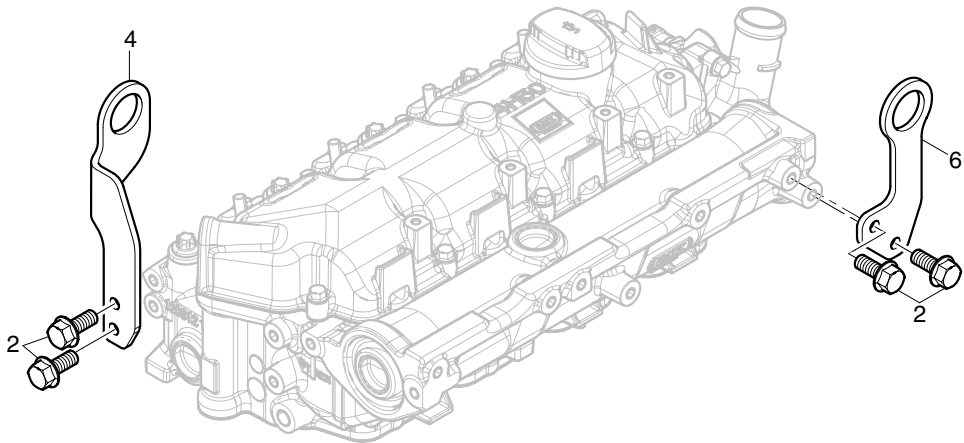


Fig.- No.	HATZ Ident-No.			Qty. Stück			W d / D	Notes Bemerkungen
		4H50N Serial No. 147 12...	4H50NO	4H50N Serial No. 193 10...	4H50TI	4H50TIC	4H50TICD	
2	0000 506 923 01	4	4	4	4	4	4	M8 x 20
4	0000 042 992 12	1	1	1	1	1	1	
6	0000 043 281 03	1	1	1	1	1	1	

Crankcase breathing system
Kurbelgehäuseentlüftung
Reniflard
Purgador
Sfiato basamento

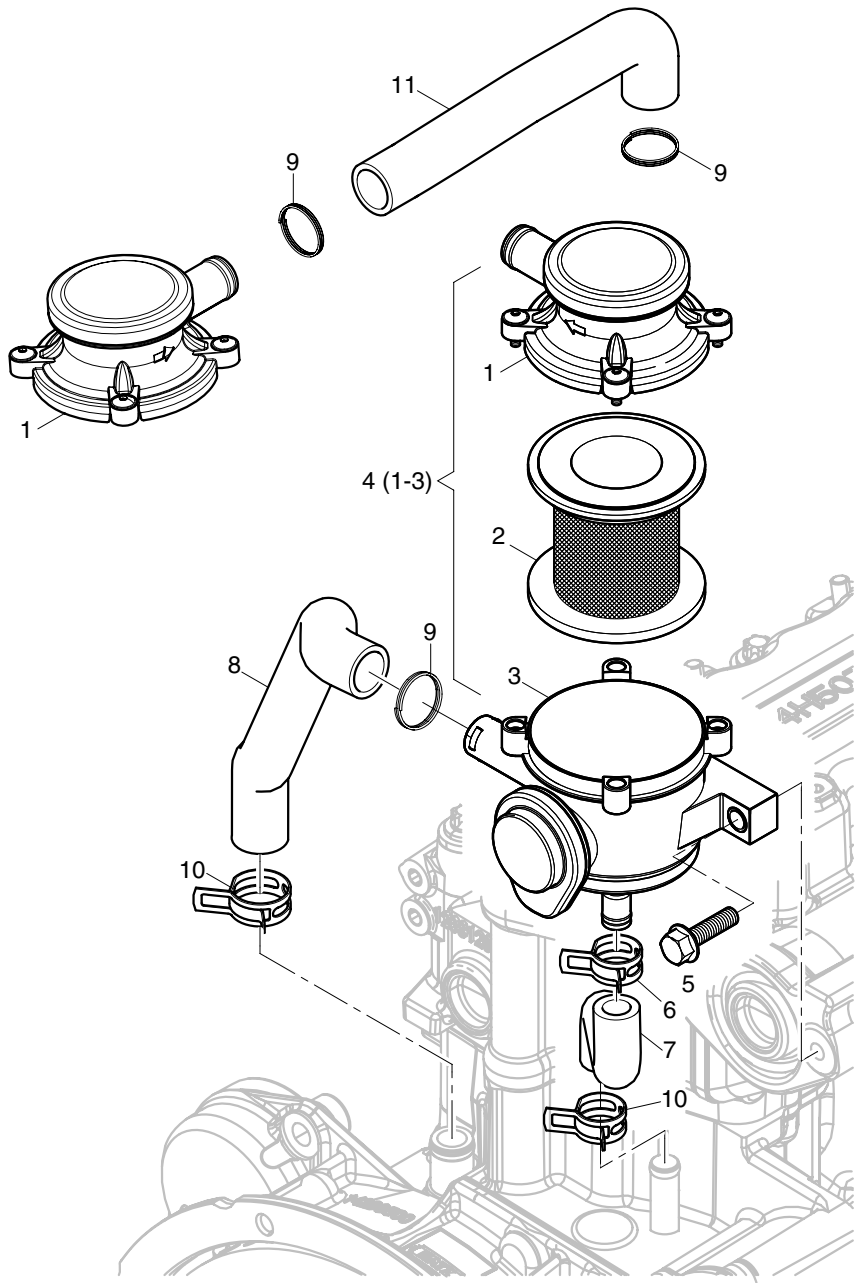


Fig.- No.	HATZ Ident-No.			Qty. Stück			W d / D	Notes Bemerkungen
		4H50N Serial No. 147/12...	4H50N0	4H50N Serial No. 193 10...	4H50T1	4H50T1C	4H50T1CD	
1	-----	-	-	-	-	-	-	
2	0000 506 405 00	1	1	1	1	1	1	
3	-----	-	-	-	-	-	-	
4	0000 506 769 01	1	1	1	-	-	-	
4	0000 506 355 10	-	-	-	1	1	1	
5	0000 506 304 00	2	2	2	2	2	2	M 8 X 30 DIN6921 - 8.8 A2B
6	0000 506 766 00	1	1	1	1	1	1	Ø 20-21,6
7	0000 043 383 00	1	1	1	1	1	1	Ø 12
8	0000 043 384 00	1	1	1	1	1	1	Ø 13
9	0000 043 066 00	1	3	3	1	1	1	Ø 23 x 1
10	0000 506 668 00	2	2	2	2	2	2	Ø 22 - 24,5
11	0000 043 420 00	1	1	1	-	-	-	

Silentpack
Silentpack
Silentpack
Silentpack
Silentpack

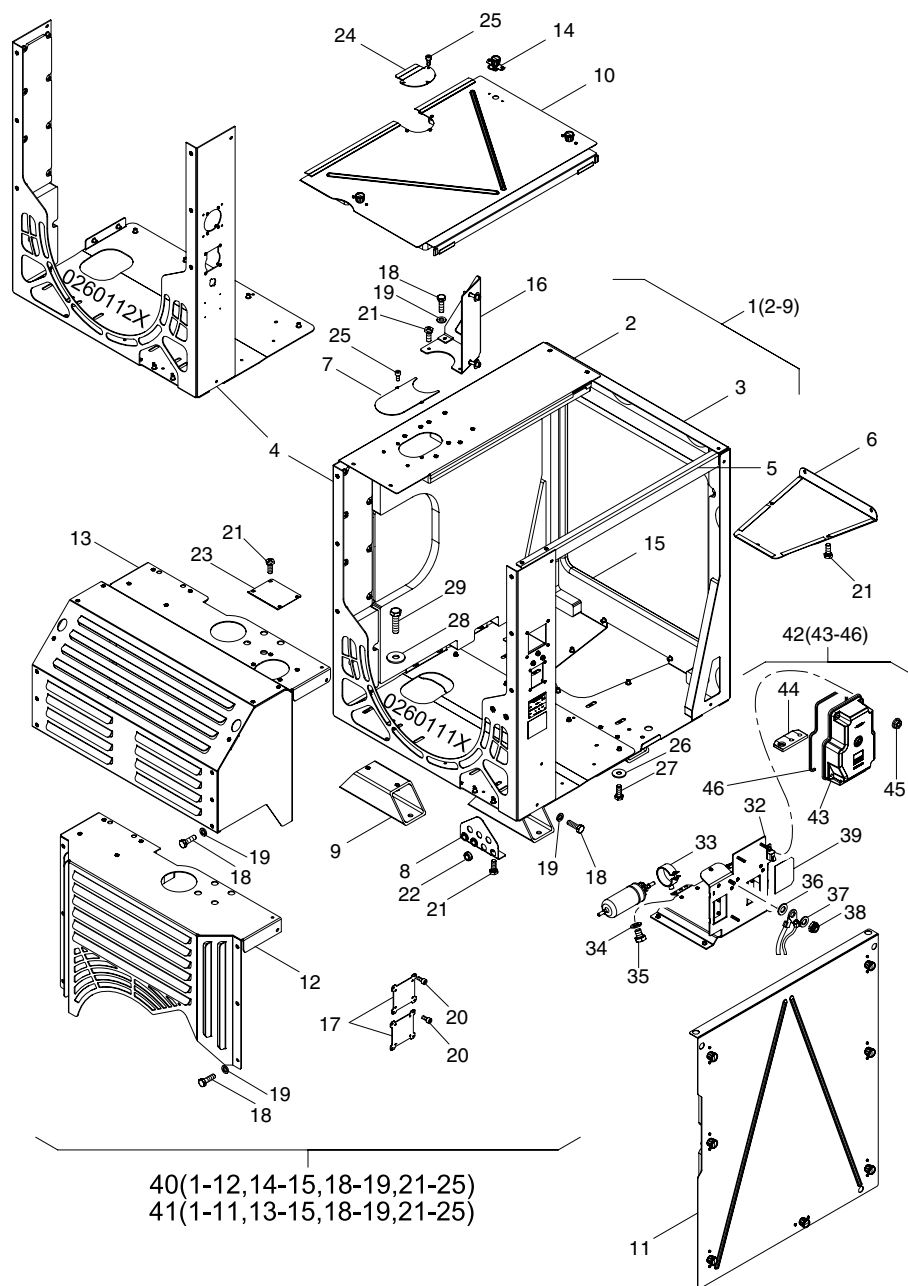


Fig.- No.	HATZ Ident-No.	Qty. Stück	W d / D	Notes Bemerkungen	
		4H50TI	4H50TIC	4H50TICD	
1	0000 026 088 02	1	1	1	with No. 4 02601111 with No. 4 02601120
1	0000 026 088 10	1	1	1	
2	0000 026 007 11	1	1	1	
3	0000 026 009 11	1	1	1	
4	0000 026 011 11	1	1	1	
4	0000 026 011 20	1	1	1	
5	0000 026 020 00	1	1	1	
6	0000 026 138 00	1	1	1	
7	0000 056 639 00	1	1	1	
8	0000 056 645 00	1	1	1	
9	0000 024 978 00	1	1	1	
10	0000 026 016 02	1	1	1	
11	0000 026 028 01	1	1	1	
12	0000 026 005 01	1	1	-	
13	0000 026 012 02	-	-	1	
14	0000 506 852 00	1... 10	1... 10	1... 10	
15	0000 055 797 10	1	1	1	
16	0000 026 019 00	1	1	1	
17	0000 024 982 00	1	1	1	
18	0000 502 079 00	1... 46	1... 46	1... 46	M 6 x 20 DIN 933-8.8 A3B DIN 25201 M 4 X 10 DIN 912-8.8 A3B TUF M 6 x 16 KZ 1-8.8 A3D
19	0000 506 888 00	1... 46	1... 46	1... 46	
20	0000 503 971 00	1... 13	1... 13	1... 13	
21	0000 503 356 00	1... 15	1... 15	1... 15	
22	0000 505 925 00	1... 3	1... 3	1... 3	
23	0000 056 634 10	1	1	1	
24	0000 056 642 00	1	1	1	
25	0000 503 971 00	1... 4	1... 4	1... 4	M 6 x 16 DIN 933-8.8 A3B A 6,4 DIN 9021-St A3B M 8X 30 DIN 933 - 8.8 A3B 8,4 DIN 9021 St A3B
26	0000 501 200 00	1... 4	1... 4	1... 4	
27	0000 501 771 00	1... 8	1... 8	1... 8	
28	0000 500 629 00	1... 8	1... 8	1... 8	
32	0000 501 362 00	1	1	1	
33	0000 026 069 10	1	1	1	1 1/2"
34	0000 506 431 00	1	1	1	8 DIN 128 A3B
35	0000 502 085 00	1	1	1	M 8 x 10 DIN 933 - 8.8 A3B
36	0000 501 509 00	1	1	1	8,4 DIN 125-St A3B
37	0000 501 481 00	1	1	1	8 DIN 128 A3B
38	0000 502 085 00	1	1	1	M 8 DIN 985-8 A3B
39	0000 501 295 00	1	1	1	
40	0000 056 923 00	1	1	-	Silentpack kpl. #1 02608802 TI(C) Silentpack kpl. #1 02608810 TI(C) Silentpack kpl. #1 02608802 TICD Silentpack kpl. #1 02608810 TICD
40	0000 026 102 01	1	1	-	
41	0000 026 102 10	-	-	1	
41	0000 026 103 01	-	-	1	
42	0000 026 103 10	1	1	1	
43	0000 026 596 00	-	-	-	
44	-----	1	1	1	
45	0000 056 937 00	4	4	4	M 6
46	0000 506 663 00	1	1	1	
	0000 052 032 00				

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

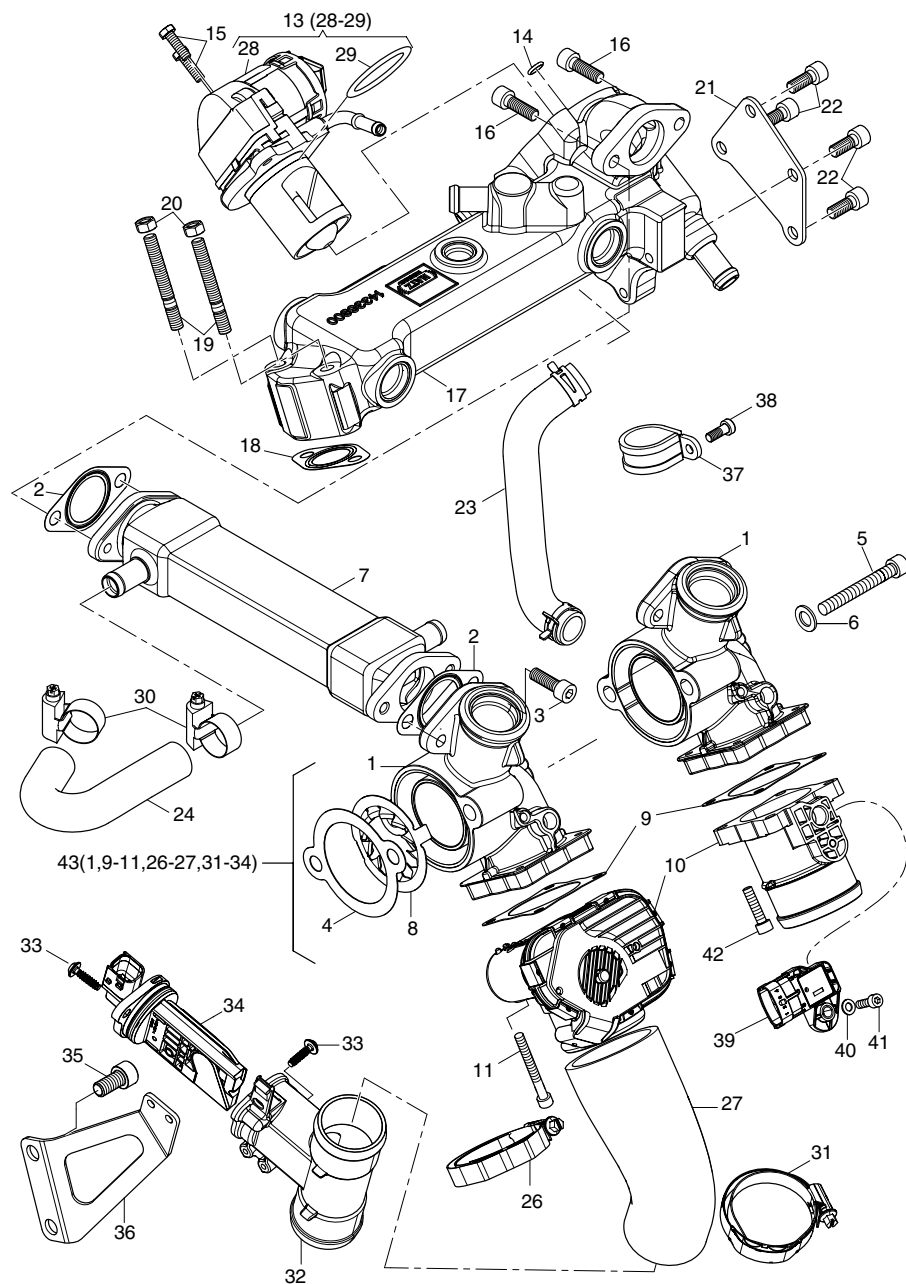


Fig.- No.	HATZ Ident-No.	Qty. Stück	W d / D	Notes Bemerkungen	
		4H50TI	4H50TIC	4H50TICD	
1	0000 043 676 00	1	-	-	
1	0000 020 696 10	-	1	1	
2	0000 043 029 00	-	2	2	
3	0000 501 715 00	-	2	2	M 8 X 25 DIN 912-8.8 A3B
4	0000 056 539 00	1	1	1	
5	0000 500 552 00	2	2	2	M 10 x 60 DIN 912-8.8A3B
6	0000 500 170 00	2	2	2	10,5 DIN 433 - St A3B
7	0000 506 321 00	-	1	1	
8	0000 056 466 00	1	1	1	
9	0000 056 540 00	1	1	1	
10	0000 043 661 00	1	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	1	
14	0000 400 224 01	-	1	1	8 x 2 FPM 75 MOLYKOT.
15	0000 506 326 00	-	2	2	M 6 X 20 DIN 6921-F-8.8-A3B
16	0000 501 715 00	-	2	2	M 8 X 25 DIN 912-8.8 A3B
17	0000 020 620 00	-	1	1	
18	0000 042 722 01	-	1	1	
19	0000 506 558 00	-	2	2	M 8 x 55 DIN 939 - 10.9
20	0000 400 284 00	-	2	2	VM 8 DIN 980-8 C3A
21	0000 043 067 00	-	1	1	
22	0000 503 663 00	-	4	4	M 8 X 20 DIN 912-8.8A3B
23	0000 021 054 01	-	1	1	
24	0000 043 398 10	-	1	1	Ø 16 x 4,5
26	0000 506 813 00	-	-	1	
27	0000 056 514 00	-	-	1	
28	-----	-	-	-	
29	0000 400 237 00	-	1	1	45 x 2
30	0000 504 756 00	-	2	2	Ø 12 - 22 x 9
31	0000 506 352 00	-	-	3	Ø40 - 60mm
32	0000 056 478 01	-	-	1	
33	0000 506 718 00	-	-	4	lateral
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	1	
38	0000 503 238 00	-	1	1	M 6 x 16 DIN 6912-8.8 A3B
39	0000 506 334 00	1	1	-	
40	0000 504 853 00	1	1	-	M 5x 16 DIN 912 8.8A3B
41	0000 502 163 00	1	1	-	5,3 DIN 125-St A3B
42	0000 501 708 00	4	4	-	M 6 x 25 DIN 912-8.8A3B
43	0000 021 149 00	-	-	1	

Fuel
Kraftstoff
Carburant
Combustible
Serbatoio

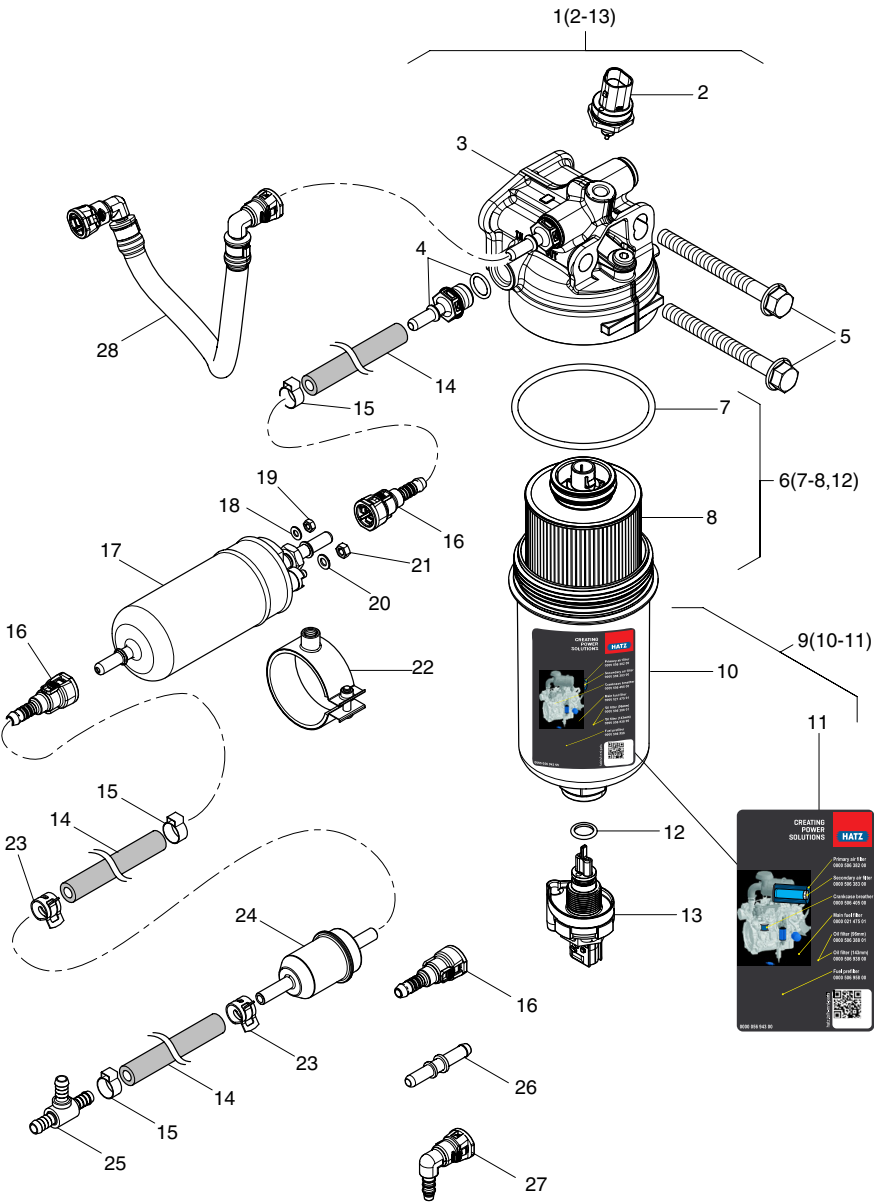


Fig.- No.	HATZ Ident-No.	Qty. Stück	W d / D	Notes Bemerkungen				
		4H50N Serial No. 147 12...	4H50N0	4H50N Serial No. 193 10...	4H50T1	4H50T1C	4H50T1CD	
1	0000 026 613 00	1	1	1	1	1	1	
2	0000 506 337 00	1	1	1	1	1	1	
3	-----	-	-	-	-	-	-	
4	0000 056 915 00	2	2	2	2	2	2	
5	0000 506 956 00	2	2	2	2	2	2	
6	0000 021 475 01	1	1	1	1	1	1	
7	-----	-	-	-	-	-	-	
8	-----	-	-	-	-	-	-	
9	0000 026 615 00	1	1	1	1	1	1	
10	-----	-	-	-	-	-	-	
11	0000 056 943 00	1	1	1	1	1	1	
12	-----	-	-	-	-	-	-	
13	0000 056 886 00	1	1	1	1	1	1	
14	0000 043 382 00	1	1	1	1	1	1	8 x 1500mm
14	0000 043 407 00	1	1	1	1	1	1	8 x 270mm
14	0000 053 830 00	1	1	1	1	1	1	8 x 5000mm
15	0000 504 568 00	1... 3	1... 3	1... 3	1... 3	1... 3	1... 3	Ø 13,7 - 16,2
16	0000 506 579 00	1... 2	1... 2	1... 2	1... 2	1... 2	1... 2	
17	0000 506 408 00	1	1	1	1	1	1	12V
18	0000 501 472 00	1	1	1	1	1	1	4,3 DIN 125 - A3B
19	0000 501 471 00	1	1	1	1	1	1	M 4 DIN 934 - 8 A3B
20	0000 502 163 00	2	2	2	2	2	2	5,3 DIN 125-St A3B
21	0000 500 943 00	1	1	1	1	1	1	M 5 DIN 934-8 A3B
22	0000 506 431 00	1	1	1	1	1	1	1 1/2"
23	0000 506 937 00	2	2	2	2	2	2	
24	0000 506 958 00	1	1	1	1	1	1	
25	0000 501 560 00	1	1	1	1	1	1	
26	0000 506 578 00	1	1	1	1	1	1	
27	0000 506 737 00	1	1	1	1	1	1	
28	0000 020 660 00	1	1	1	1	1	1	

8 x 1500mm
8 x 270mm
8 x 5000mm
Ø 13,7 - 16,2

12V
4,3 DIN 125 - A3B
M 4 DIN 934 - 8 A3B
5,3 DIN 125-St A3B
M 5 DIN 934-8 A3B
1 1/2"

Z02a

Air filter
Luftfilter
Filtre à air
Filtro de aire
Filtro aria

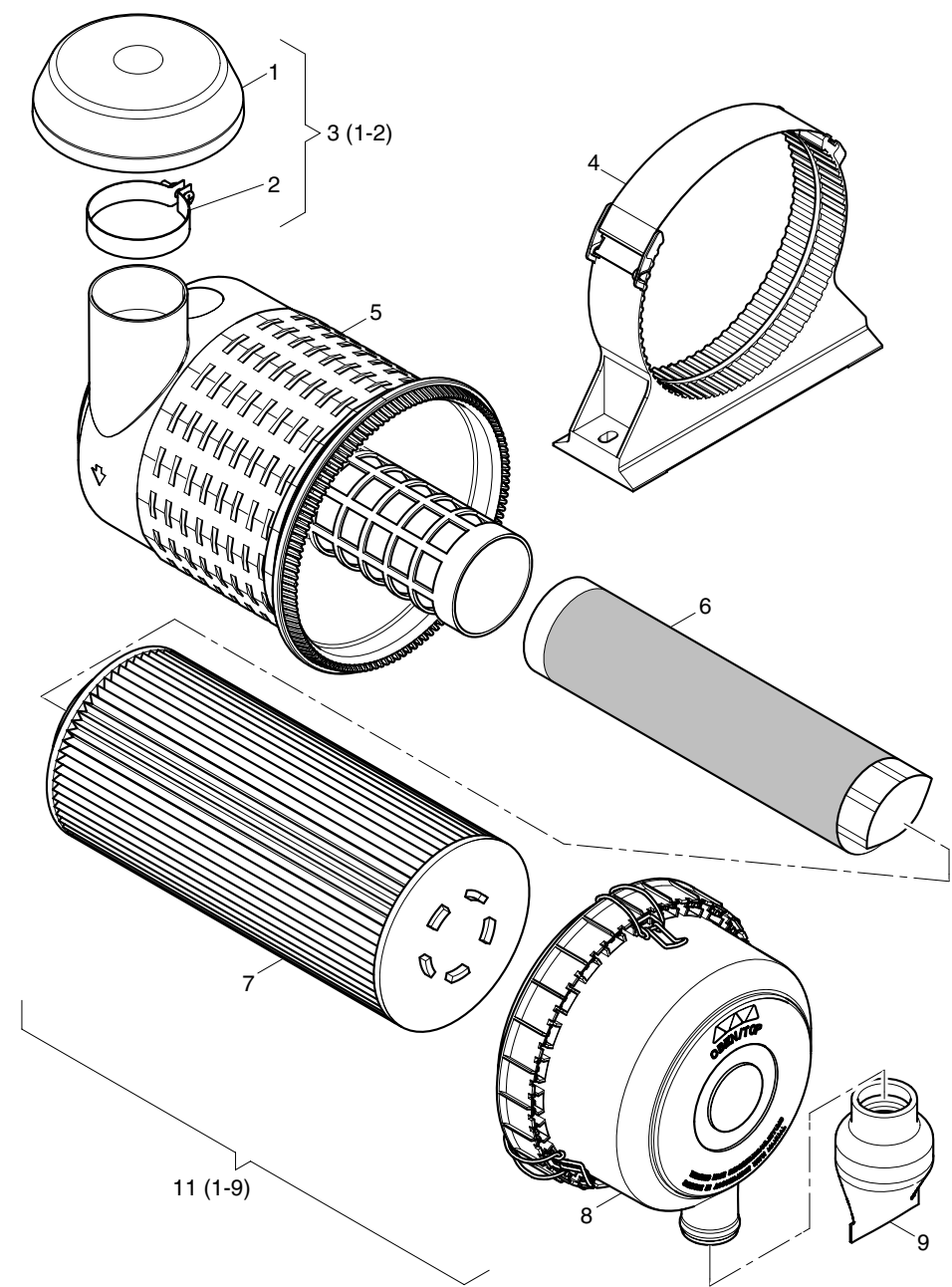


Fig.- No.	HATZ Ident-No.	Qty. Stück					W d / D	Notes Bemerkungen
		4H50N Serial No. 193 10...	4H50NO	4H50TI	4H50TIC	4H50TICD		
1	-----	-	-	-	-	-		
2	-----	-	-	-	-	-		
3	0000 506 375 00	1	1	1	1	1		
4	0000 506 374 00	1	1	1	1	1		
5	-----	-	-	-	-	-		
6	0000 506 383 00	1	1	1	1	1		2 years
7	0000 506 382 00	1	1	1	1	1		
8	-----	-	-	-	-	-		
9	0000 506 605 00	1	1	1	1	1		
11	0000 023 669 00	1	1	1	1	1		

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

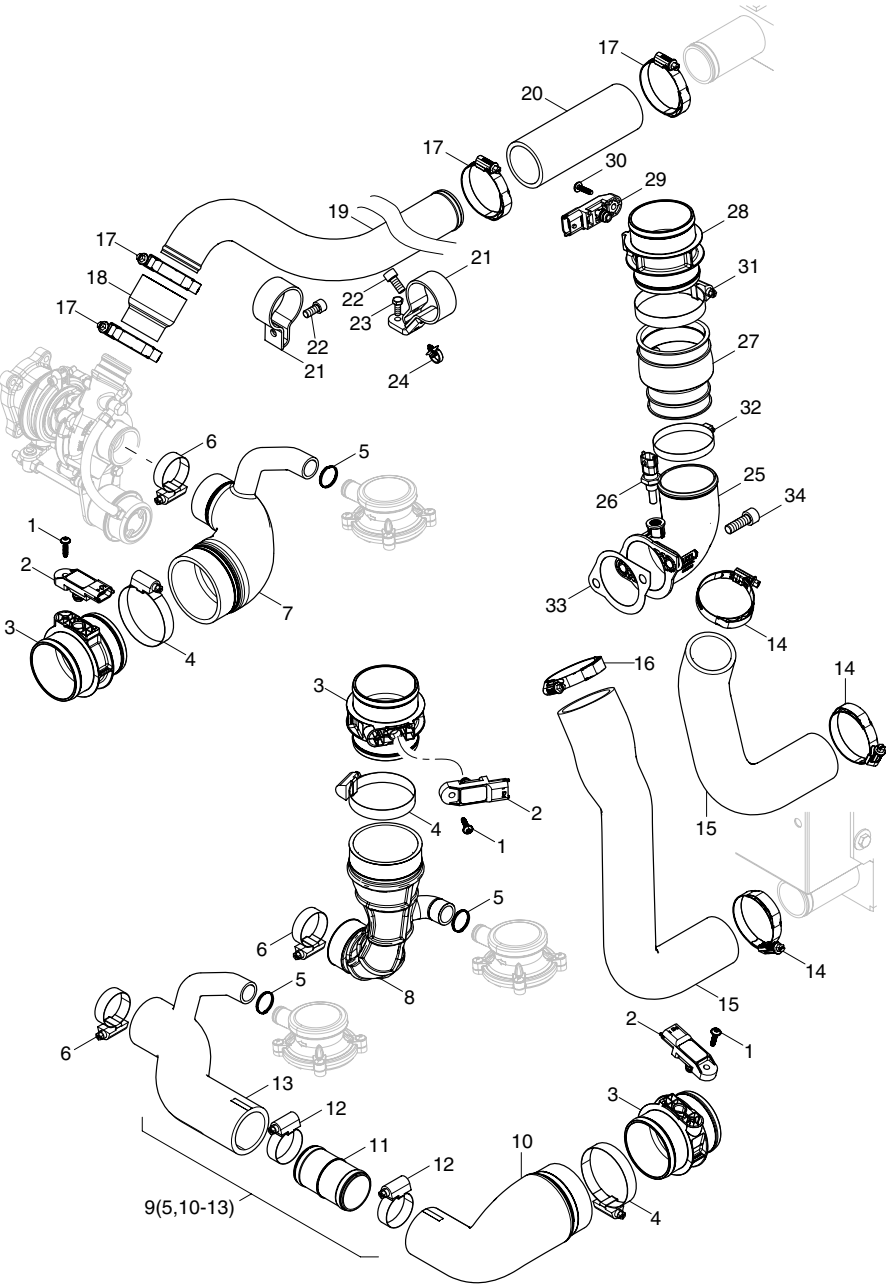


Fig.- No.	HATZ Ident-No.	Qty. Stück	W d / D	Notes Bemerkungen				
		4H50N Serial No. 147 12...	4H50N0	4H50N Serial No. 193 10...	4H50T1	4H50TIC	4H50TICD	
1	0000 506 718 00	-	-	-	1	1	1	lateral
2	0000 506 764 00	-	-	-	1	1	1	
3	0000 043 414 01	-	-	-	1	1	1	
4	0000 506 409 00	-	-	-	1	1	1	Ø70 - 90 x 13 DIN 3017 A
5	0000 043 066 00	-	-	-	1	1	1	Ø 23 x 1
6	0000 504 066 00	-	-	-	1	1	1	Ø 40 - 60
7	0000 043 573 10	-	-	- 0... 1	0... 1	0... 1	0... 1	Horizontal
8	0000 043 458 00	-	-	- 0... 1	0... 1	0... 1	0... 1	Vertical
9	0000 020 746 01	-	-	- 0... 1	0... 1	0... 1	0... 1	
10	0000 043 482 00	-	-	-	1	1	1	
11	0000 043 481 00	-	-	-	1	1	1	
12	0000 504 066 00	-	-	-	2	2	2	Ø 40 - 60
13	0000 043 483 00	-	-	-	1	1	1	
14	0000 506 352 00	-	-	-	1	1	1... 2	Ø40 - 60mm
15	0000 043 659 00	-	-	-	1	1	-	
15	0000 056 513 01	-	-	-	-	-	1	
16	0000 506 813 00	-	-	-	1	1	-	
17	0000 506 352 00	-	-	-	4	4	4	Ø40 - 60mm
18	0000 043 314 02	-	-	-	3	3	1	
19	0000 043 315 10	-	-	-	1	1	1	
20	0000 043 311 02	-	-	-	1	1	1	
21	0000 506 660 00	-	-	- 1... 2	1... 2	1... 2	1... 2	Ø45,5
22	0000 502 063 00	-	-	- 1... 2	1... 2	1... 2	1... 2	M 8 X 18 DIN 912-8.8A3B
23	0000 501 771 00	-	-	-	1	1	1	M 6 x 16 DIN 933-8.8 A3B
24	0000 506 746 00	-	-	-	1	1	1	4,5 - 5,00
25	0000 043 433 00	1	1	1	-	-	-	
26	0000 506 336 00	1	1	1	-	-	-	
27	0000 506 857 00	2	-	-	-	-	-	
27	0000 506 978 00	-	1	1	-	-	-	
28	0000 043 447 00	1	-	-	-	-	-	
28	0000 043 414 01	-	1	1	-	-	-	
29	0000 506 764 00	-	1	1	-	-	-	
30	0000 506 718 00	-	1	1	-	-	-	lateral
31	0000 506 409 00	-	1	1	-	-	-	Ø70 - 90 x 13 DIN 3017 A
32	0000 400 955 00	-	1	1	-	-	-	Ø 50 - 70
33	0000 043 447 00	-	1	1	-	-	-	
34	0000 506 857 00	-	2	2	-	-	-	

Z02c

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

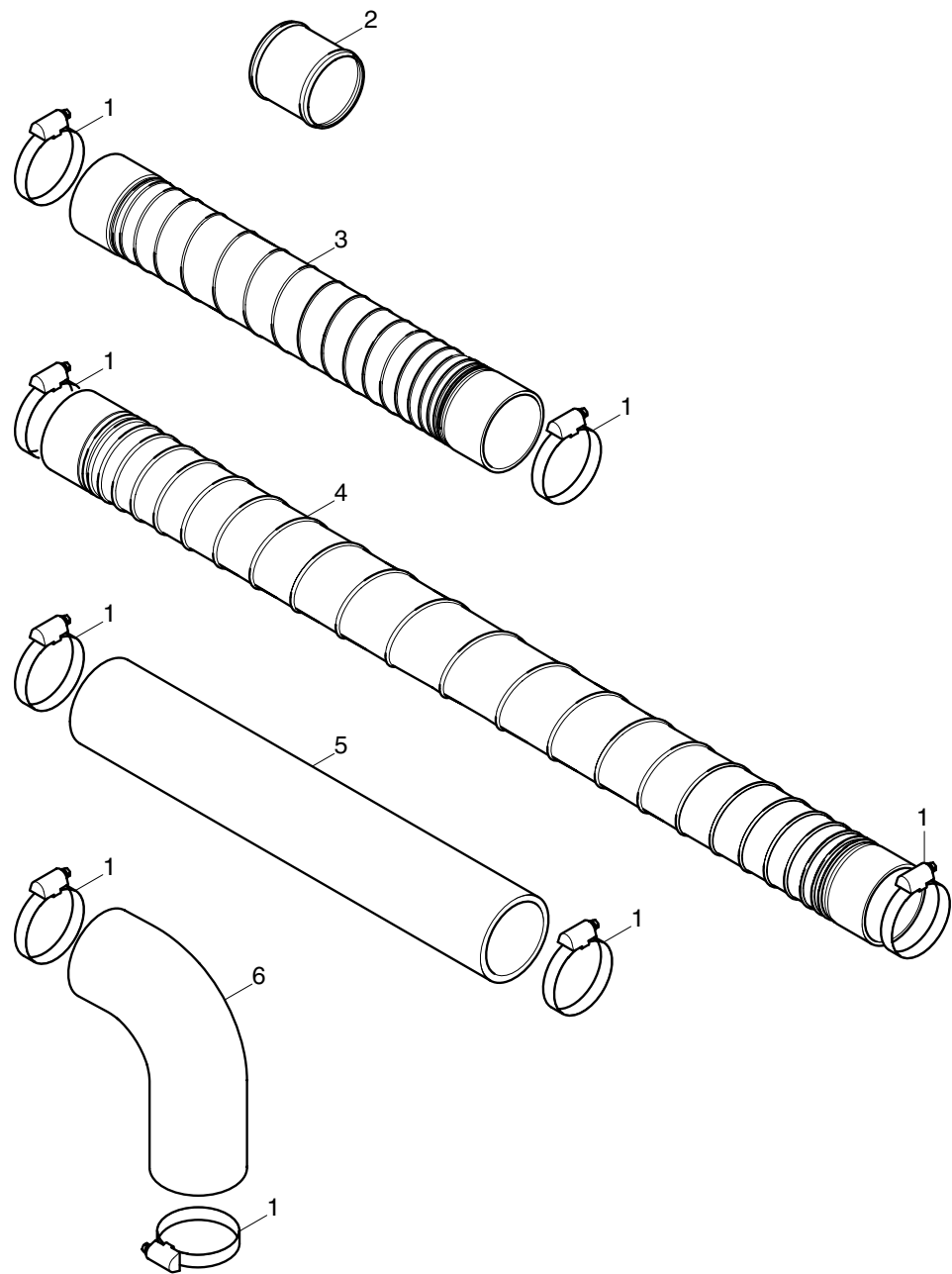


Fig.- No.	HATZ Ident-No.	Qty. Stück					W d / D	Notes Bemerkungen
		4H50N Serial No. 193 10...	4H50NO	4H50TI	4H50TIC	4H50TICD		
1	0000 506 409 00	2	2	2	2	2		Ø70 - 90 x 13 DIN 3017 A
2	0000 043 278 02	1	1	1	1	1		Ø70
3	0000 043 277 00	1	1	1	1	1		Ø70 x 500
4	0000 043 276 00	1	1	1	1	1		Ø70 x 1000
5	0000 043 275 00	1	1	1	1	1		Ø70 x 500 shortenable
6	0000 043 274 00	1	1	1	1	1		Ø70 90° shortenable

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

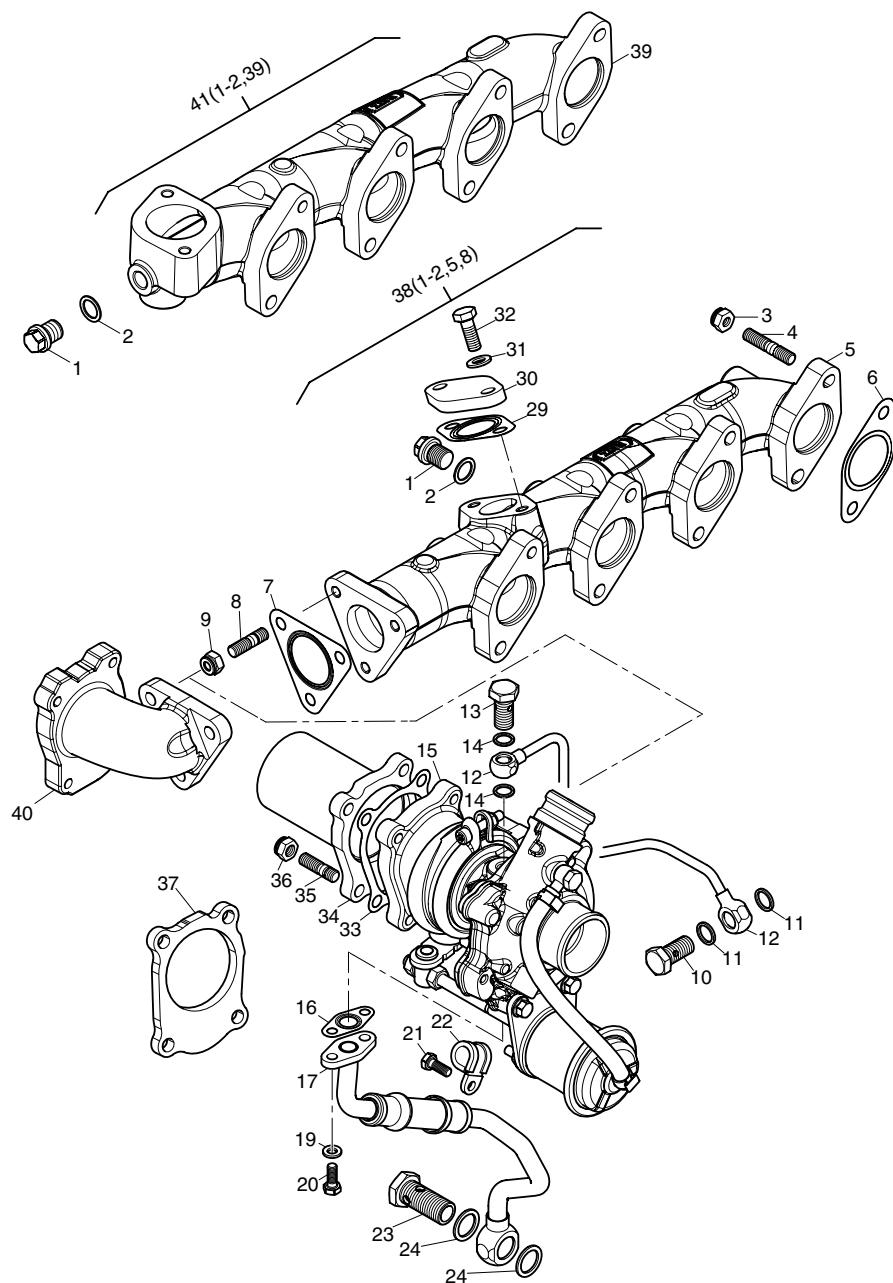


Fig.- No.	HATZ Ident-No.			Qty. Stück			W d / D	Notes Bemerkungen
		4H50N Serial No. 147 12...	4H50N0	4H50N Serial No. 193 10...	4H50TI	4H50TIC	4H50TICD	
12	0000 020 340 00	-	-	-	1	1	1	
13	0000 501 697 01	-	-	-	1	1	1	M10 x 1 DIN 7643-6-3
14	0000 500 624 00	-	-	-	2	2	2	A 10 x 13,5 DIN 7603-Cu
15	0000 506 653 00	-	-	-	1	-	-	45° TI
15	0000 506 331 11	-	-	-	-	1	1	45° TIC TICD
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	1	1	-	-	
30	0000 043 285 00	-	1	1	1	-	-	
31	0000 501 481 00	-	2	2	2	-	-	8,4 DIN 125-St A3B
32	0000 501 482 00	-	2	2	2	-	-	M 8 x 22 DIN 933 - 8.8 A3B
33	0000 054 222 00	-	1	1	1	1	-	
33	0000 056 516 00	-	-	-	-	-	1	TICD
34	0000 020 498 00	-	1	1	1	1	1	
35	0000 506 242 00	-	4	4	4	4	4	M8 x 22 DIN 938-8.8 A3B
36	0000 400 284 00	-	4	4	4	4	4	VM 8 DIN 980-8 C3A
37	0000 043 232 01	-	1	1	1	1	1	
38	0000 025 860 00	-	1	1	1	1	1	
39	0000 043 422 00	1 0...1	0...1	0...1	-	-	-	
40	0000 043 796 00	- 0...1	0...1	0...1	-	-	-	
41	0000 025 861 00	1 0...1	0...1	0...1	-	-	-	
1	0000 500 447 00	1	1	1	1	1	1	R 1/4 DIN 910 - 5.8 A3B
2	0000 032 288 00	1	1	1	1	1	1	
3	0000 400 284 00	-	8	8	8	8	8	VM 8 DIN 980-8 C3A
4	0000 502 319 00	-	8	8	8	8	8	M 8 x 25 DIN 835-8.8 A3B
5	0000 042 966 10	-	1	1	1	1	1	
6	0000 054 348 00	-	4	4	4	4	4	
7	0000 043 003 00	-	1	1	1	1	1	
8	0000 502 107 00	-	3	3	3	3	3	M 8 x 20
9	0000 400 284 00	-	3	3	3	3	3	VM 8 DIN 980-8 C3A
10	0000 500 063 00	-	1	1	1	1	1	8-3 DIN 7643
11	0000 500 011 00	-	2	2	2	2	2	A 12 x 15.5 DIN 7603-Cu

Z03b

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

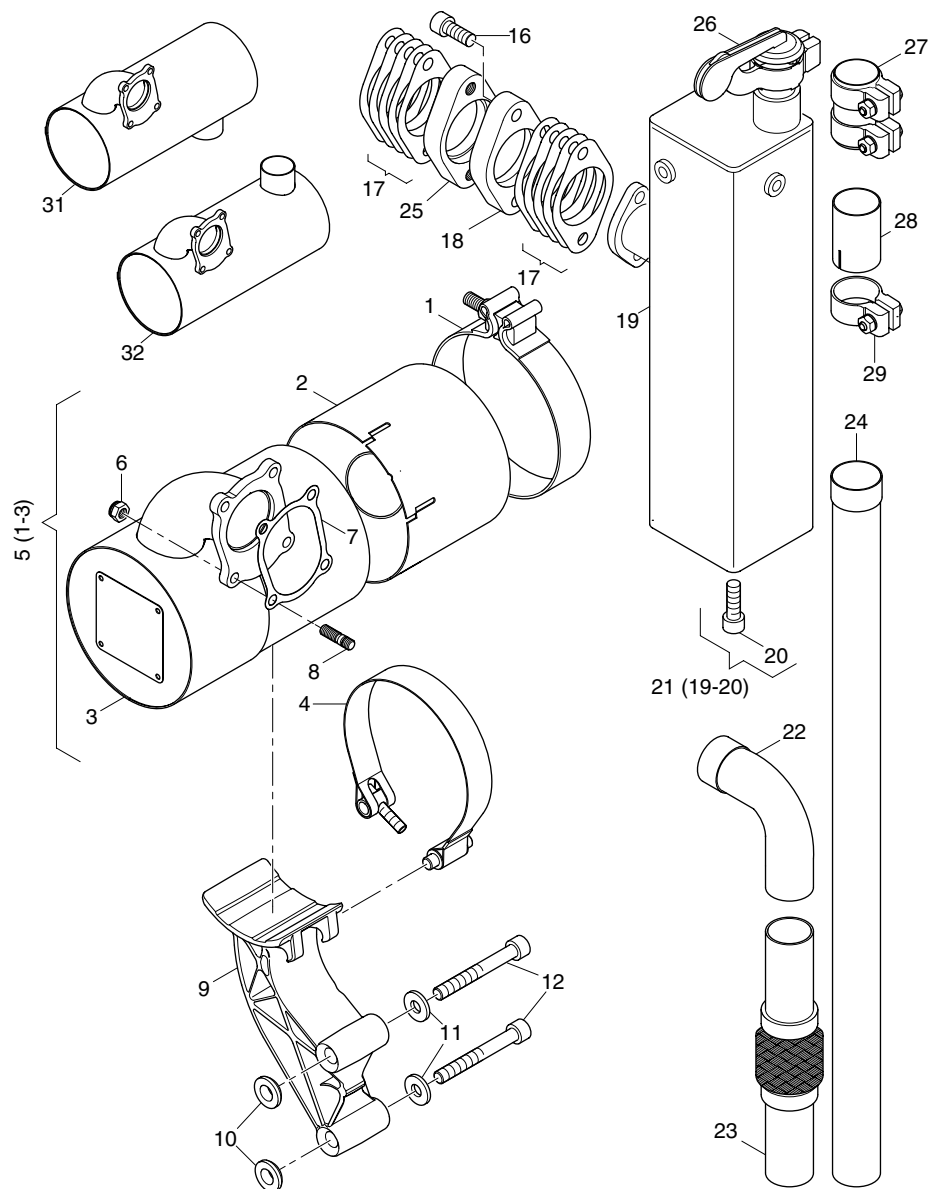


Fig.- No.	HATZ Ident-No.		Qty. Stück	W d / D	Notes Bemerkungen	
		4H50N Serial No. 193 10...	4H50NO	4H50TI	4H50TIC	4H50TICD
1	0000 490 964 00	-	-	-	1	-
2	0000 491 029 00	-	-	-	1	-
3	-----	-	-	-	-	-
4	0000 025 391 00	-	-	1	1	-
5	0000 023 367 03	-	-	-	1	-
6	0000 400 284 00	-	-	4	4	-
7	0000 054 222 00	-	-	1	1	-
8	0000 506 242 00	-	-	4	4	-
9	0000 056 239 00	-	-	1	1	-
10	0000 056 240 00	-	-	2	2	-
11	0000 050 993 00	-	-	2	2	-
12	0000 500 556 00	-	-	2	2	-
13	-----	-	-	-	-	-
14	-----	-	-	-	-	-
15	0000 502 903 00	2	2	-	-	-
16	0000 502 250 00	2	2	2	2	2
17	0000 016 037 00	2	2	2	2	2
18	0000 054 164 00	1	1	1	1	1
19	-----	-	-	-	-	-
20	0000 501 389 00	4	4	4	4	4
21	0000 011 091 01	1	1	1	1	1
22	0000 055 427 00	0... 1	0... 1	0... 1	0... 1	0... 1
23	0000 055 428 00	0... 1	0... 1	0... 1	0... 1	0... 1
24	0000 055 426 00	0... 1	0... 1	0... 1	0... 1	0... 1
25	0000 038 278 00	1	1	1	1	1
26	0000 501 569 00	0... 1	0... 1	0... 1	0... 1	0... 1
27	0000 506 630 00	0... 1	0... 1	0... 1	0... 1	0... 1
27	0000 506 631 00	0... 1	0... 1	0... 1	0... 1	0... 1
28	0000 055 163 00	0... 1	0... 1	0... 1	0... 1	0... 1
29	0000 506 629 00	0... 1	0... 1	0... 1	0... 1	0... 1
30	-----	-	-	-	-	-
31	0000 025 371 00	1	1	1	-	-
32	0000 025 372 00	1	1	1	-	-

Z03c

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

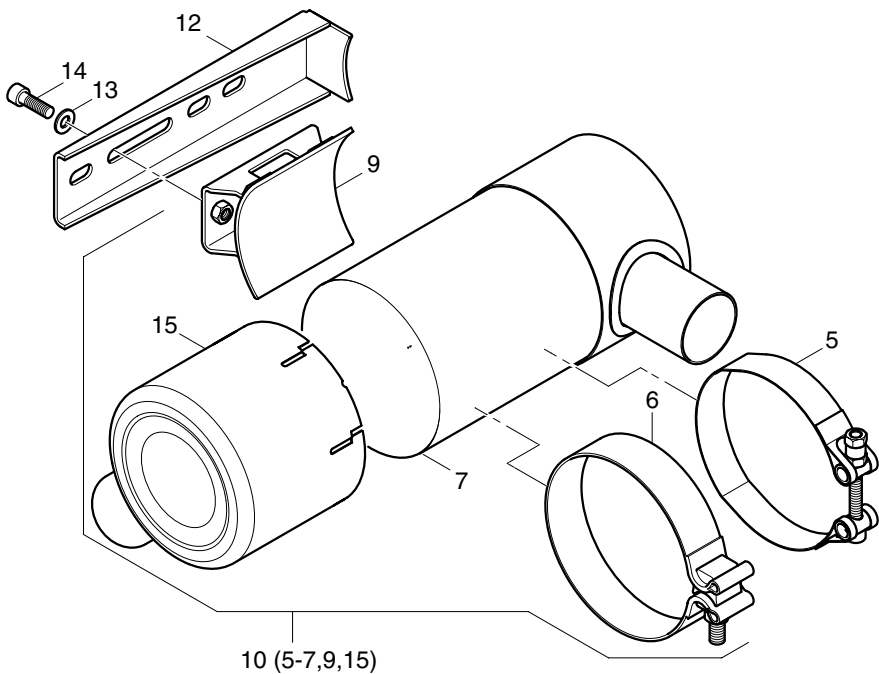
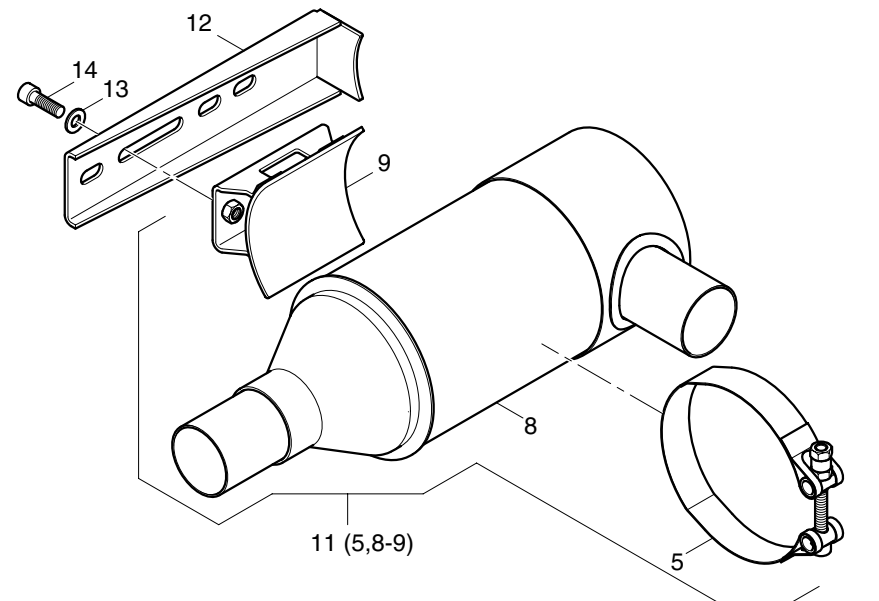


Fig.- No.	HATZ Ident-No.	Qty. Stück		W d / D	Notes Bemerkungen
		4H50N0	4H50TIC		
5	0000 490 965 00	1	1		
6	0000 490 964 00	1	1		
7	-----	-	-		
8	-----	-	-		
9	0000 490 963 00	1	1		
10	0000 020 421 01	-	1		
11	0000 026 450 01	1	-		
11	0000 020 420 01	-	1		
12	0000 054 419 01	1	1		
13	0000 501 481 00	2	2		8,4 DIN 125-St A3B M 8 X 25 DIN 912-8.8 A3B
14	0000 501 715 00	2	2		
15	0000 491 029 00	-	1		

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

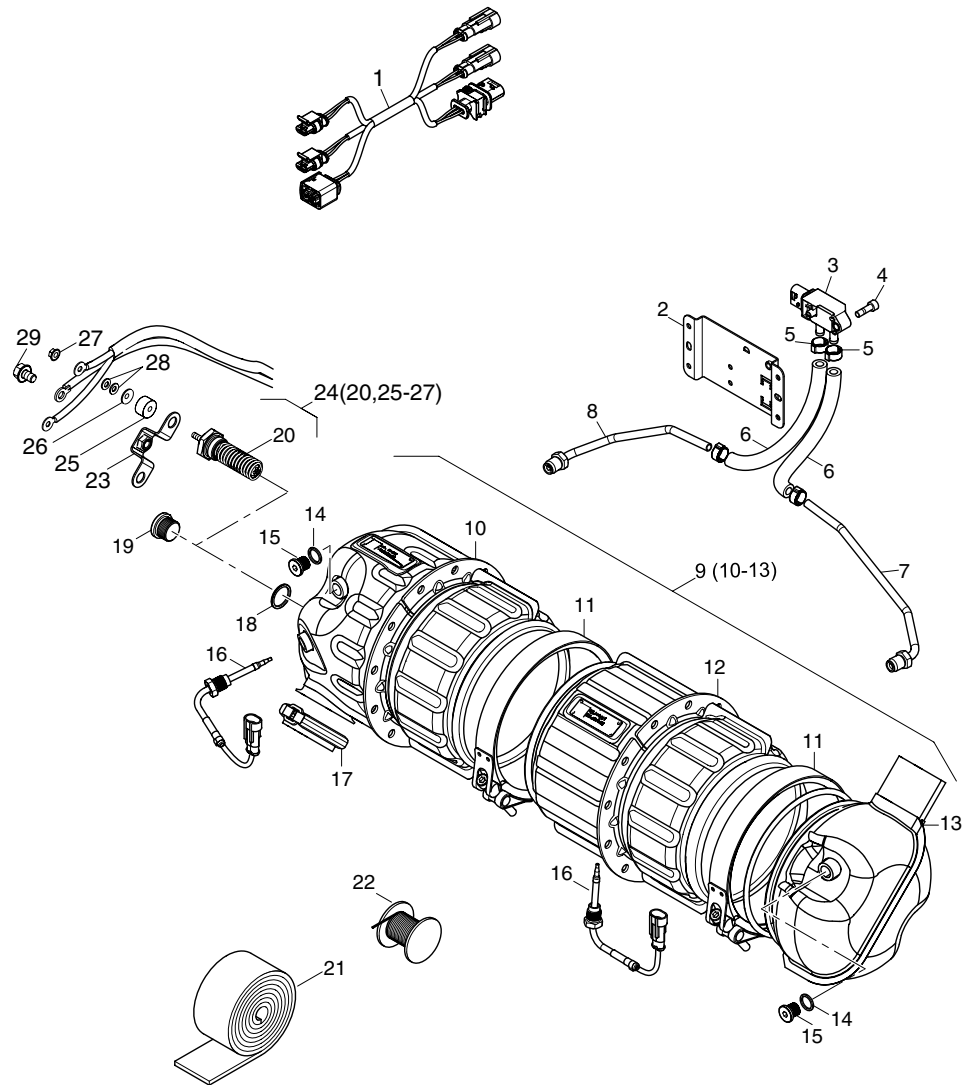


Fig.- No.	HATZ Ident-No.	Qty. Stück	W d / D	Notes Bemerkungen
4H50TICD				
1	0000 025 851 00	-		
2	0000 025 739 00	-		
3	0000 506 801 00	-		
4	0000 501 706 00	-		M 6 x 20 DIN 912-8.8A3B
5	0000 505 112 01	-		Ø 13,8
6	0000 056 549 01	-		
7	0000 025 747 00	-		
8	0000 025 746 00	-		
9	0000 025 791 00	-		
10	0000 025 792 00	-		
11	0000 025 489 00	-		D. 5.66"
12	0000 025 793 00	-		
13	0000 025 488 00	-		
14	0000 500 012 00	-		A 14 x 18 DIN 7603-Cu
15	0000 506 807 00	-		M 14 x 1,5
16	0000 025 845 01	-		T1
16	0000 025 846 01	-		T2
17	0000 025 471 00	-		Ø 55
18	0000 500 016 00	-		A 22 x 27 DIN 7603 Cu
19	0000 506 808 00	-		M 22 x 1,5
20	-----	-		
21	0000 055 167 00	-		50x3x12,5m
22	0000 055 166 00	-		Ø0,5 x 10.000mm
23	0000 025 740 01	-		
24	0000 056 324 01	-		13V DPF
25	-----	-		
26	-----	-		
27	-----	-		
28	0000 506 940 00	-		
29	0000 506 812 00	-		M8 x 12 8.8-A3B-DIN 6921

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

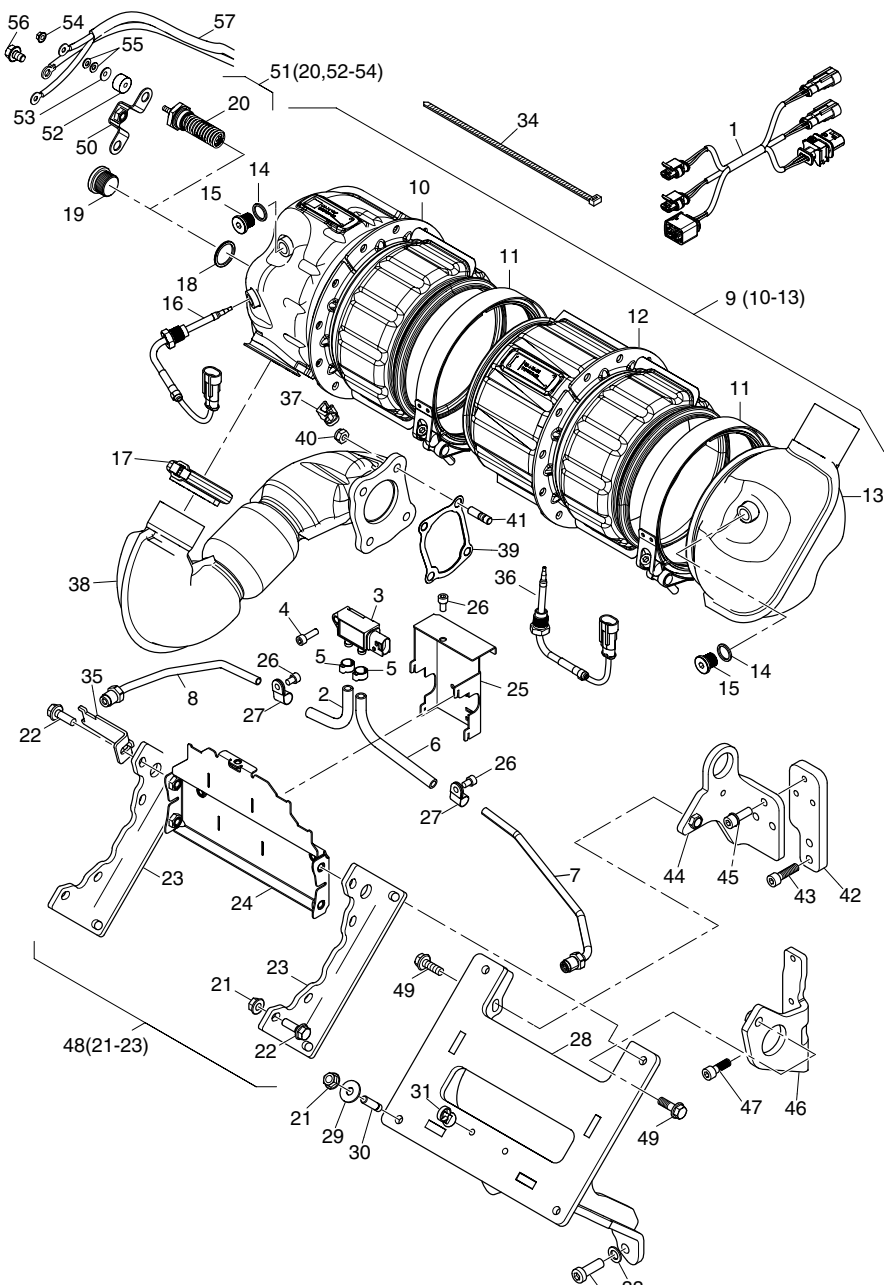


Fig.- No.	HATZ Ident-No.	Qty. Stück	W d / D	Notes Bemerkungen
4H50TICD				
1	0000 025 851 00	1		
2	0000 056 537 00	1		103mm
3	0000 506 801 00	1		
4	0000 501 706 00	1		M 6 x 20 DIN 912-8.8A3B
5	0000 505 112 01	2		Ø 13,8
6	0000 056 538 00	1		145mm
7	0000 025 747 00	1		
8	0000 025 746 00	1		
9	0000 025 468 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 01	1		
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	-----	-		
21	0000 506 833 00	8		M 8
22	0000 506 810 00	10		M 8 x 25
23	-----	-		
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 01	1		
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
48	0000 025 843 00	1		
49	0000 506 810 00	1		M 8 x 25

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

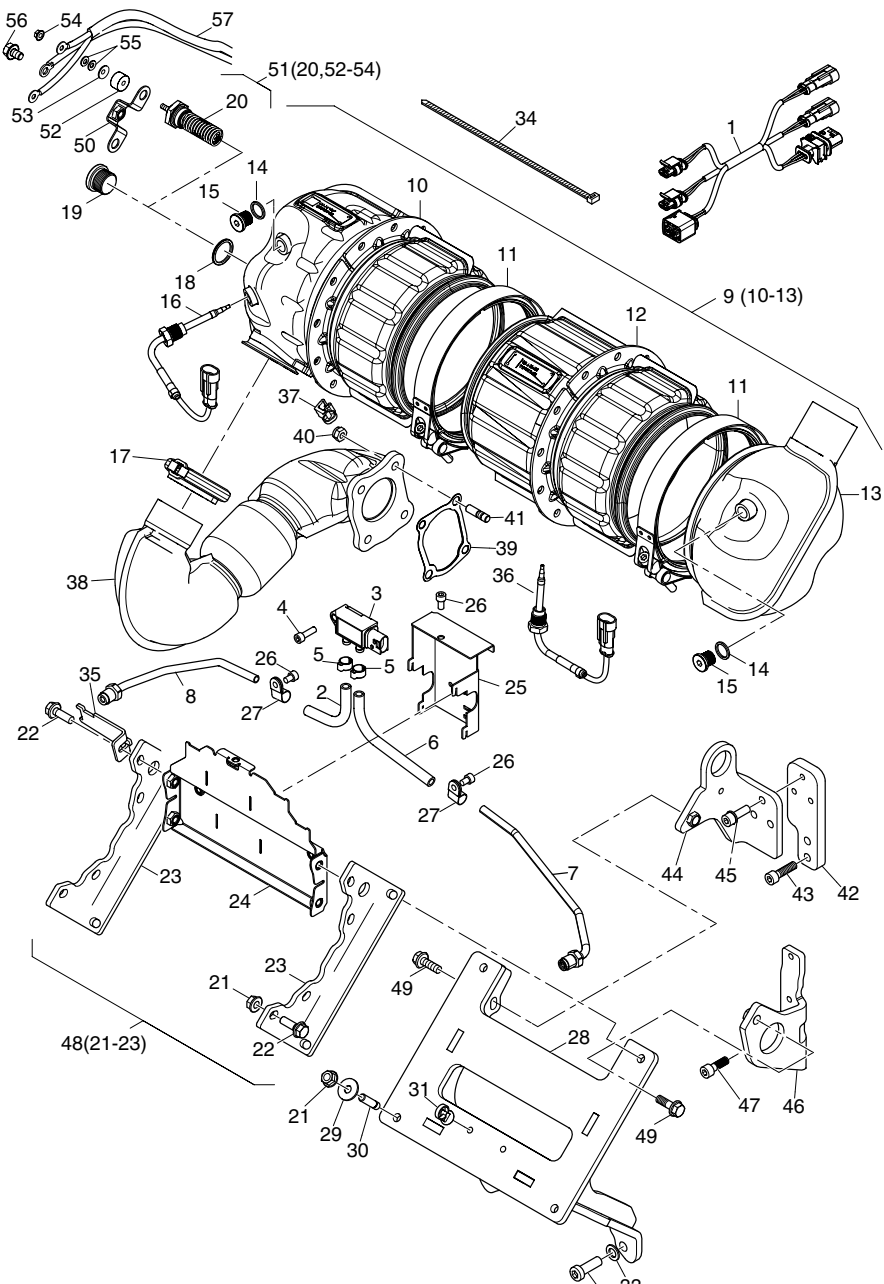


Fig.- No.	HATZ Ident-No.	Qty. Stück	W d / D	Notes Bemerkungen
4H50TICD				
50	0000 025 740 01	1		
51	0000 056 324 01	1... 2		13V DPF
52	-----	-		
53	-----	-		
54	-----	-		
55	0000 506 940 00	4		
56	0000 506 812 00	1		M8 x 12 8.8-A3B-DIN 6921
57	0000 025 749 00	0... 1		12V +
57	0000 025 750 00	0... 1		12V -
57	0000 025 866 00	0... 1		24V +
57	0000 025 867 00	0... 1		24V -

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

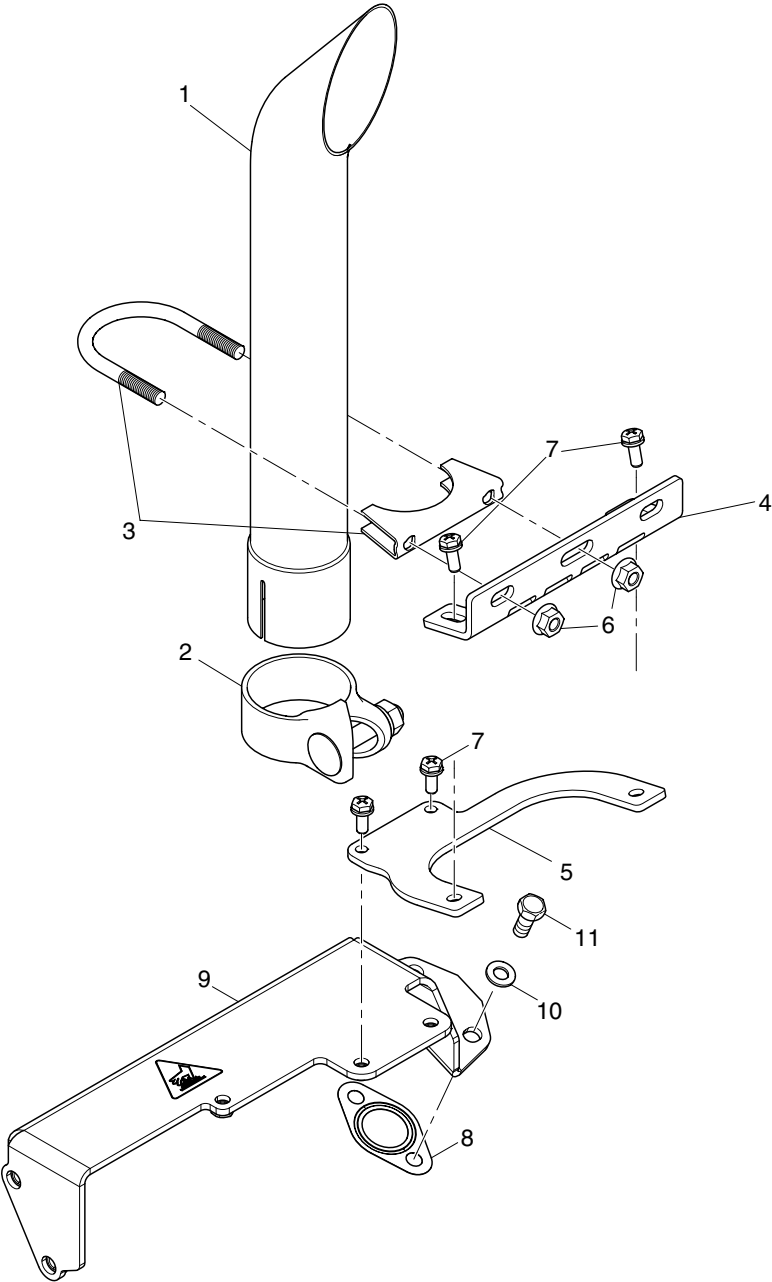


Fig.- No.	HATZ Ident-No.	Qty. Stück			W d / D	Notes Bemerkungen
		4H50N	4H50TI	4H50TIC		
1	0000 055 808 00	1	1	1		
2	0000 506 629 00	1	1	1		Ø55,5x28mm
3	0000 504 103 01	1	1	1		50-52
4	0000 056 456 10	1	1	1		
5	0000 025 726 00	1	1	1		
6	0000 506 833 00	2	2	2		M 8
7	0000 503 356 00	4	4	4		M 6 x 16 KZ 1-8.8 A3D
8	0000 042 722 00	1	1	-		
9	0000 025 414 10	1	1	-		
10	0000 501 481 00	2	2	-		8,4 DIN 125-St A3B
11	0000 501 354 00	2	2	-		M 8 x 20 DIN 933-8.8 A3B

Z03g

Insulation
Isolation
Isolément
Aislamiento
Isolamento

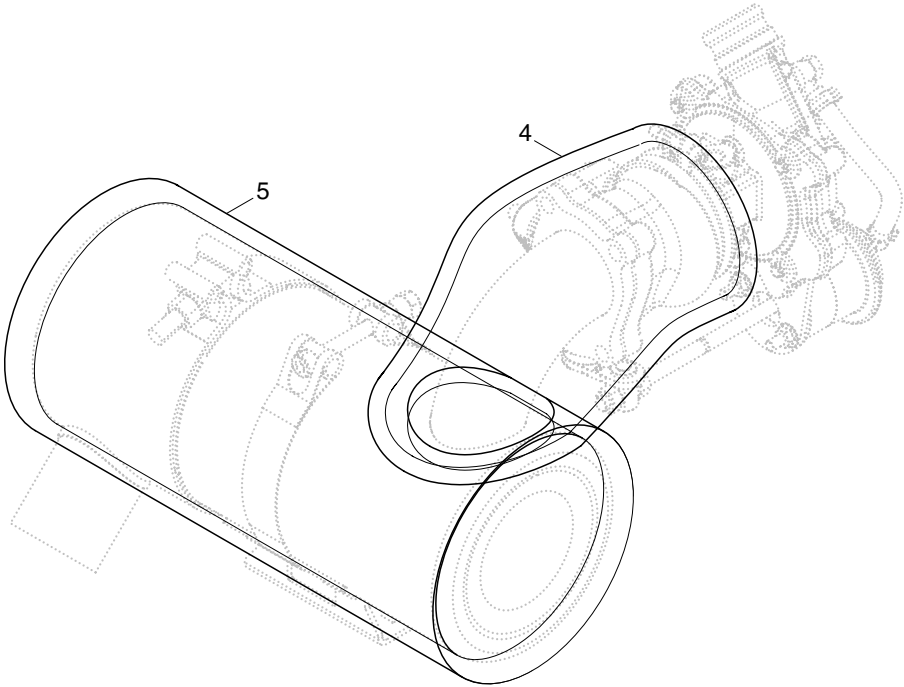
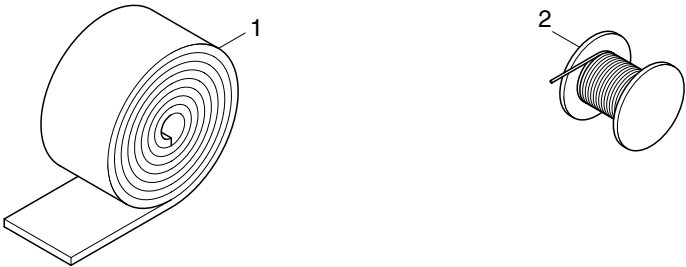


Fig.- No.	HATZ Ident-No.	Qty. Stück					W d / D	Notes Bemerkungen
		4H50N Serial No. 193 10...	4H50NO	4H50TI	4H50TIC	4H50TICD		
1	0000 055 167 00	0... 1	0... 1	0... 1	0... 1	0... 1		50x3x12,5m Ø0,5 x 10.000mm
2	0000 055 166 00	0... 1	0... 1	0... 1	0... 1	0... 1		
4	0000 055 432 00	-	-	0... 1	0... 1	-		
5	0000 024 573 01	0... 1	-	0... 1	0... 1	-		

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

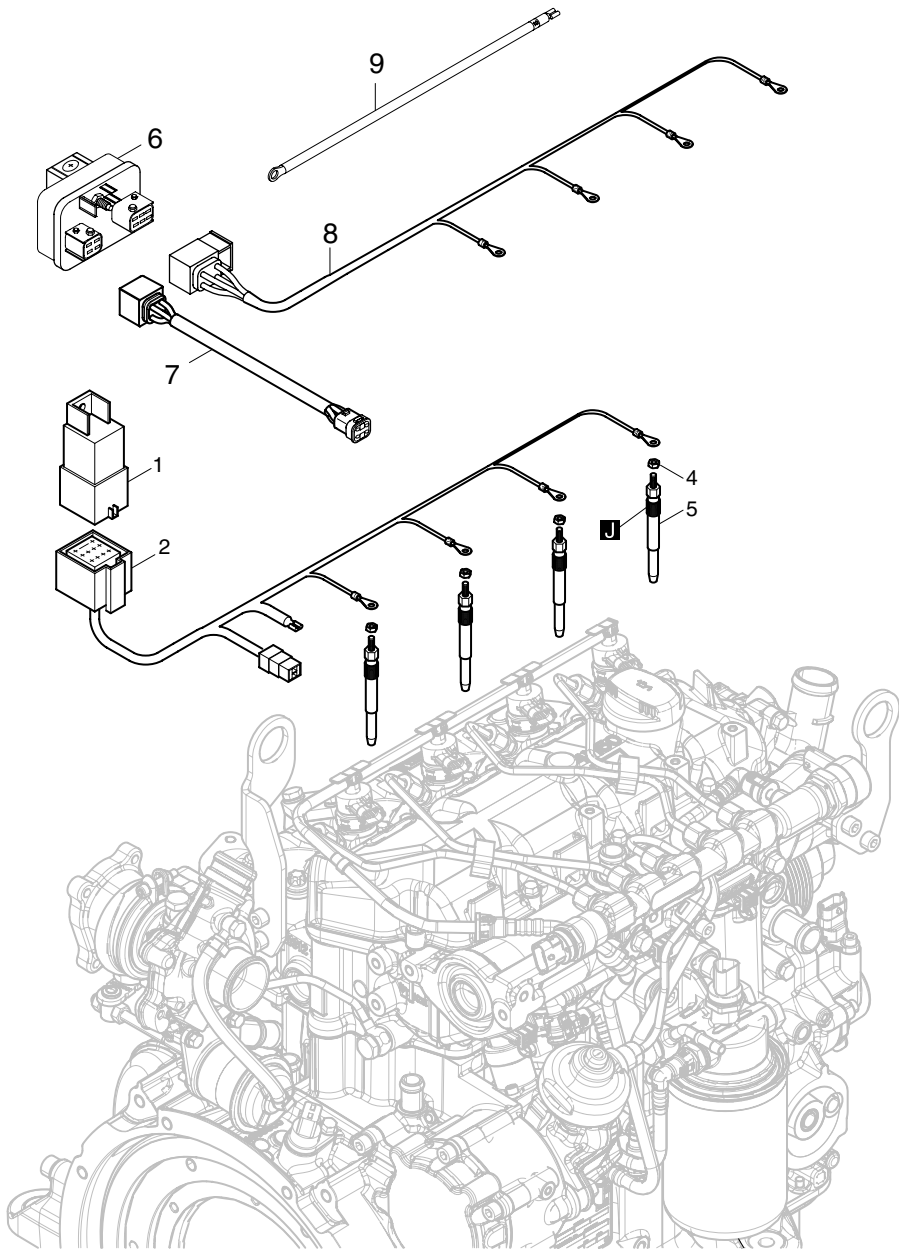


Fig.- No.	HATZ Ident-No.	Qty. Stück	W d / D	Notes Bemerkungen				
		4H50N Serial No. 147 12...	4H50N0	4H50N Serial No. 193 10...	4H50T1	4H50T1C	4H50T1CD	
1	0000 506 266 00	-	0... 1	0... 1	0... 1	0... 1	0... 1	12V GCU 3
2	0000 025 745 01	1	-	-	-	-	-	
2	0000 025 751 01	-	0... 1	0... 1	0... 1	0... 1	0... 1	12V C81
4	0000 501 471 00	4	4	4	4	4	4	M 4 DIN 934 - 8 A3B
5	0000 506 265 00	0... 4	0... 4	0... 4	0... 4	0... 4	0... 4	12V
5	0000 506 486 01	-	0... 4	0... 4	0... 4	0... 4	0... 4	24V
6	0000 506 581 10	-	0... 1	0... 1	0... 1	0... 1	0... 1	24V GPCU 3
7	0000 025 872 00	-	1	1	1	1	1	24V CON.1 C81
8	0000 024 166 02	-	0... 1	0... 1	0... 1	0... 1	0... 1	24V
9	0000 024 168 01	-	0... 1	0... 1	0... 1	0... 1	0... 1	24V B+ f.GPCU1

Z05b

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

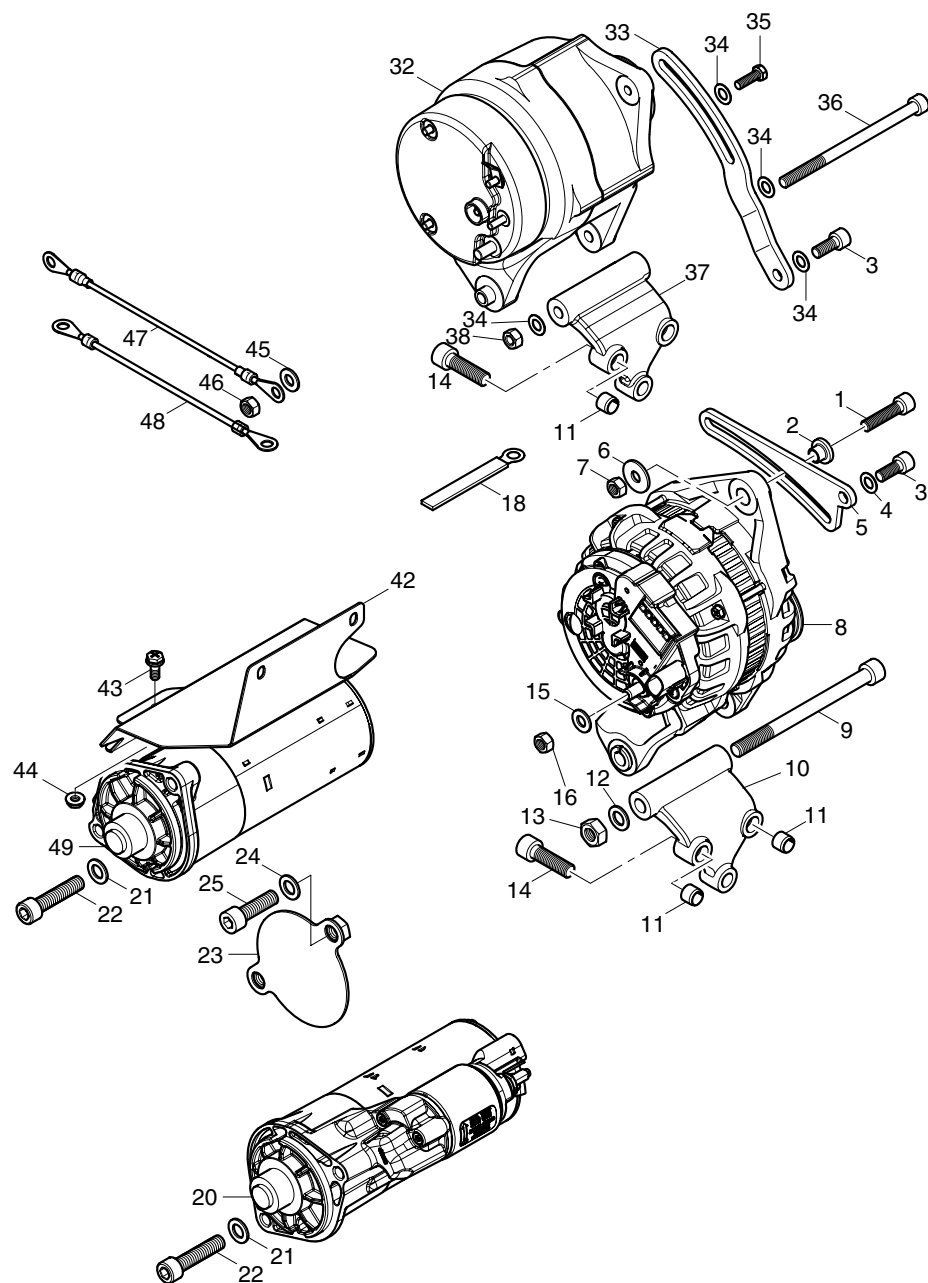


Fig.- No.	HATZ Ident-No.	Qty. Stück	W d / D	Notes Bemerkungen				
		4H50N Serial No. 147 12...	4H50N0	4H50N Serial No. 193 10...	4H50T1	4H50T1C	4H50T1CD	
1	0000 501 830 00	-	1	1	1	1	1	M 8 X 35 DIN 912-8.8 A3B
2	0000 042 957 00	-	1	1	1	1	1	
3	0000 503 663 00	-	1	1	1	1	1	M 8 X 20 DIN 912-8.8A3B
4	0000 501 481 00	-	1	1	1	1	1	8,4 DIN 125-St A3B
5	0000 043 037 00	-	1	1	1	1	1	
6	0000 500 629 00	-	1	1	1	1	1	8,4 DIN 9021 St A3B
7	0000 501 480 00	-	1	1	1	1	1	M 8 DIN 934-8 A3B
8	0000 506 245 00	- 0... 1	0... 1	0... 1	0... 1	0... 1	0... 1	14V - 110A
8	0000 506 803 00	- 0... 1	0... 1	0... 1	0... 1	0... 1	0... 1	14V - 150A
9	0000 504 038 00	-	1	1	1	1	1	M10 X130 DIN 912-8.8 A3B
10	0000 043 036 00	-	1	1	1	1	1	
11	0000 505 023 00	-	2	2	2	2	2	12 x 10 DIN 7346
12	0000 500 170 00	-	1	1	1	1	1	10,5 DIN 433 - St A3B
13	0000 501 458 00	-	1	1	1	1	1	M10 DIN 934-8 A3B
14	0000 503 278 00	-	3	3	3	3	3	M10 X 35 DIN 912-8.8 A3B
15	0000 500 168 00	-	1	1	1	1	1	8,4 DIN 125-MS
16	0000 500 230 00	-	1	1	1	1	1	M 8 DIN 934-MS
18	0000 050 239 00	- 0... 2	0... 2	0... 2	0... 2	0... 2	0... 2	
20	0000 506 246 10	1 0... 1	0... 1	0... 1	0... 1	0... 1	0... 1	12V 2,2 kW starter low
20	0000 506 485 00	- 0... 1	0... 1	0... 1	0... 1	0... 1	0... 1	24V 3 kW starter low
21	0000 500 170 00	2	2	2	2	2	2	10,5 DIN 433 - St A3B
22	0000 503 618 00	2	2	2	2	2	2	M10 X 50 DIN 912-8.8 A3B
23	0000 023 563 00	-	1	1	1	1	1	
24	0000 500 170 00	-	2	2	2	2	2	10,5 DIN 433 - St A3B
25	0000 500 546 00	-	2	2	2	2	2	M10 X 40 DIN 912-8.8
32	0000 506 543 01	-	1	1	1	1	1	
33	0000 043 228 00	-	1	1	1	1	1	
34	0000 501 481 00	-	4	4	4	4	4	8,4 DIN 125-St A3B
35	0000 502 079 00	-	1	1	1	1	1	M 6 x 20 DIN 933-8.8 A3B
36	0000 504 630 00	-	1	1	1	1	1	M 8 X130 DIN 912-8.8 A3B
37	0000 043 229 00	-	1	1	1	1	1	
38	0000 503 353 00	-	1	1	1	1	1	M 8 SW 12 A3B
42	0000 055 430 10	- 0... 1	0... 1	0... 1	0... 1	0... 1	0... 1	
43	0000 503 356 00	- 0... 1	0... 1	0... 1	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	0... 1	0... 1	0... 1	M 6
45	0000 500 168 00	-	1	1	1	1	1	8,4 DIN 125-MS
46	0000 500 230 00	-	1	1	1	1	1	M 8 DIN 934-MS
47	0000 025 755 01	- 0... 1	0... 1	0... 1	0... 1	0... 1	0... 1	C81 I B+ starter (starter low)
47	0000 025 757 00	- 0... 1	0... 1	0... 1	0... 1	0... 1	0... 1	C81 I B+ starter (starter high)
48	0000 025 756 00	- 0... 1	0... 1	0... 1	0... 1	0... 1	0... 1	C81 I B+ central el. (starter low)
48	0000 025 758 01	- 0... 1	0... 1	0... 1	0... 1	0... 1	0... 1	C81 I B+ central el. (starter high)
49	0000 506 945 00	- 0... 1	0... 1	0... 1	0... 1	0... 1	0... 1	Starter high

Z05c

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

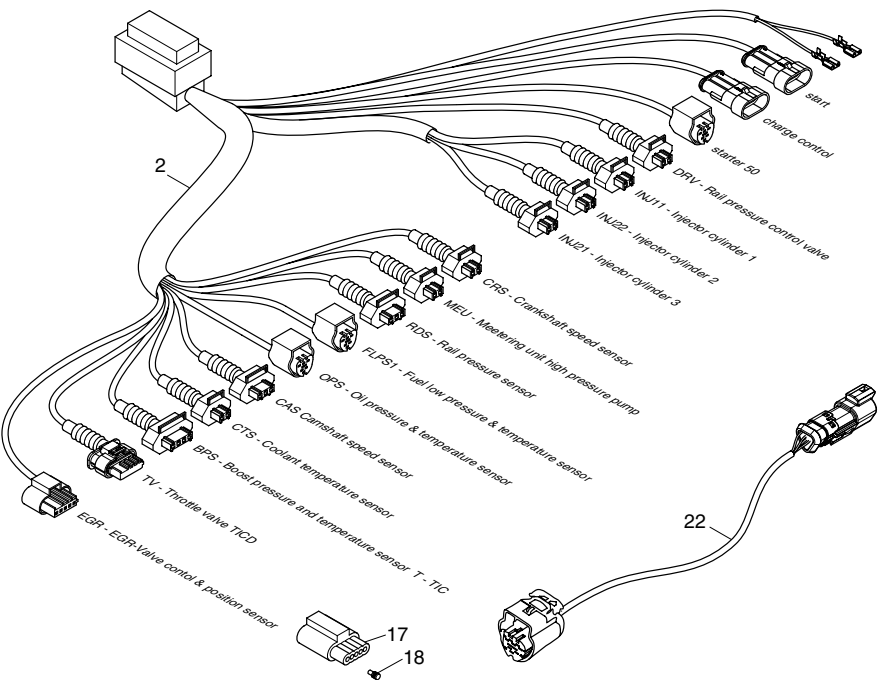
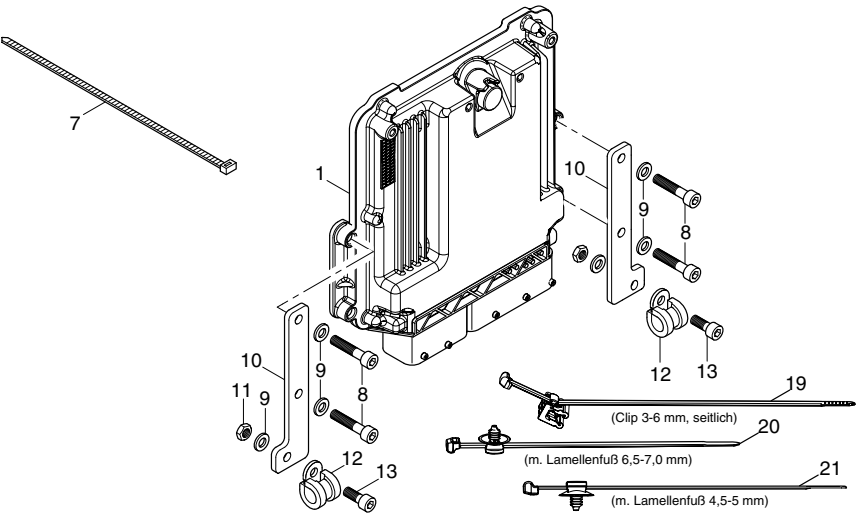


Fig.- No.	HATZ Ident-No.	Qty. Stück	W d / D	Notes Bemerkungen				
		4H50N Serial No. 147 12...	4H50N0	4H50N Serial No. 193 10...	4H50T1	4H50T1C	4H50T1CD	
1	0000 025 786 02	1	1	1	1	1	1	CV 81 V600 EngineNo needed!
2	0000 506 774 00	1	-	-	-	-	-	
2	0000 026 530 00	-	1	1	-	-	-	
2	0000 026 148 00	-	-	-	1	1	-	
2	0000 025 760 03	-	-	-	-	-	1	
7	0000 504 395 00	10	10	10	10	10	10	2,6 x 200 mm Black
8	0000 503 239 00	4	-	-	4	4	4	M 6 x 30 DIN 912-8.8A3B
9	0000 501 445 00	6	-	-	6	6	6	6,4 DIN 125-St A3B
10	0000 054 832 00	2	-	-	2	2	2	
11	0000 501 444 00	2	-	-	2	2	2	M 6 DIN 934 - 8 A3B
12	0000 504 605 00	2	-	-	2	2	2	Ø 16 x 15 mm
13	0000 501 707 00	2	-	-	2	2	2	M 6 x 16 DIN 912-8.8A3B
17	0000 506 644 00	-	-	-	1	1	-	
18	0000 506 147 00	-	-	-	5	5	-	
19	0000 506 743 00	0... 8	0... 8	0... 8	0... 8	0... 8	0... 8	
20	0000 506 747 00	0... 2	0... 2	0... 2	0... 2	0... 2	0... 2	6,5 - 7,00
21	0000 506 746 00	0... 1	0... 1	0... 1	0... 1	0... 1	0... 1	4,5 - 5,00
22	0000 026 469 00	-	1	1	1	1	1	extension FLPTS 3,5m

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

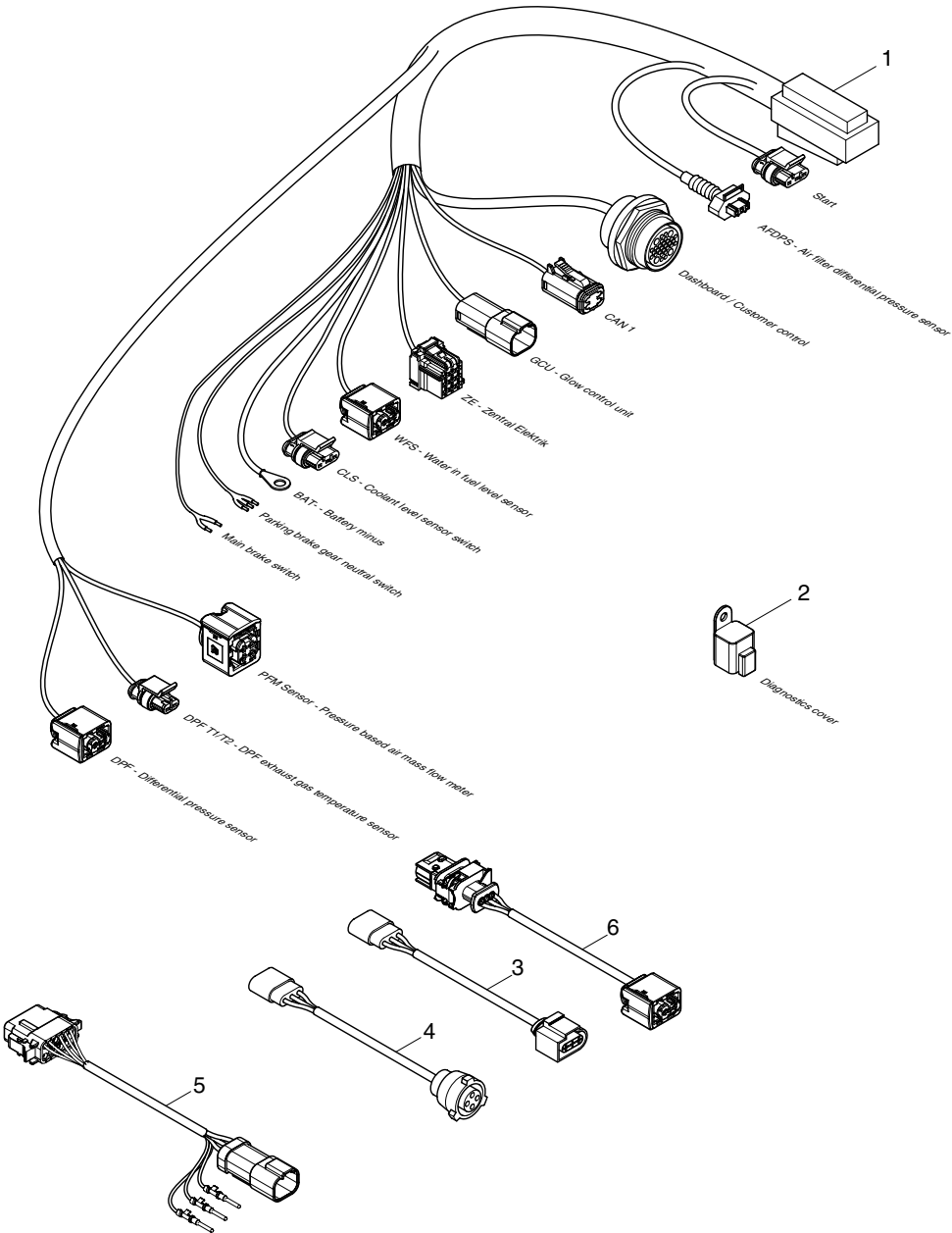
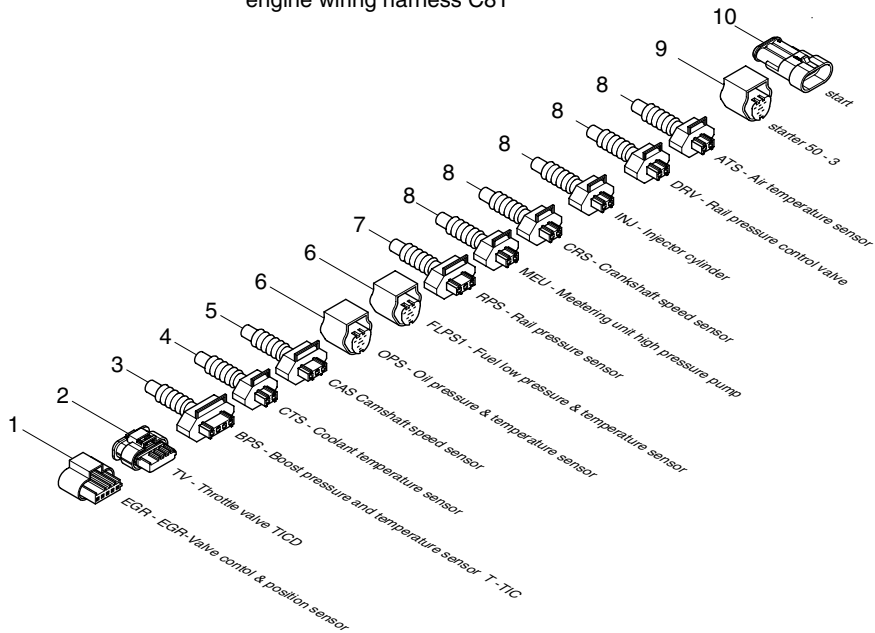


Fig.- No.	HATZ Ident-No.	Qty. Stück					W d / D	Notes Bemerkungen
		4H50N Serial No. 193 10...	4H50NO	4H50TI	4H50TIC	4H50TICD		
1	0000 026 149 10	0... 1	0... 1	0... 1	0... 1	-		
1	0000 025 762 10	-	-	-	-	0... 1	C81	
2	0000 506 829 00	1	1	1	1	1	C81	
3	0000 025 017 00	1	1	1	1	1		
4	0000 025 016 01	1	1	1	1	1		
5	0000 026 310 00	0... 1	0... 1	0... 1	0... 1	0... 1	Wire IOT-Modul	
6	0000 026 508 00	0... 1	0... 1	0... 1	0... 1	0... 1	extension WFS 3,5m	

Plugs wiring harness
Stecker Kabelbaum
Connecteur de faisceau de câblage
Mazo de cables del conector
Spina fascio di cablaggio

engine wiring harness C81



chassis wiring harness C81

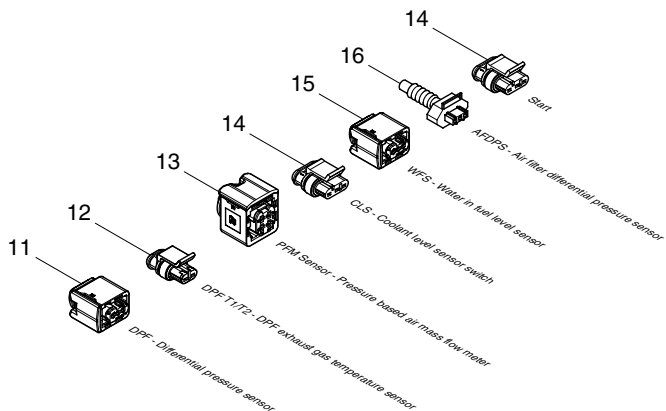


Fig.- No.	HATZ Ident-No.	Qty. Stück	W d / D	Notes Bemerkungen				
		4H50N Serial No. 147 12...	4H50N0	4H50N Serial No. 193 10...	4H50T1	4H50TIC	4H50TICD	
1	0000 491 090 00	-	-	-	1	1	1	EGR valve
2	0000 491 081 00	-	-	-	-	-	1	Throttle valve TICD
3	0000 491 089 00	-	1	1	1	1	-	Boost pressure sensor T - TIC
4	0000 491 087 00	1	1	1	1	1	1	Coolant temperature sensor
5	0000 491 088 00	1	1	1	1	1	1	Camshaft speed sensor
6	0000 491 077 00	1	1	1	1	1	1	Oil & fuel pressure temp. Sensor
7	0000 491 079 00	1	1	1	1	1	1	Rail pressure sensor
8	0000 491 078 00	1	1	1	1	1	1	INJ, MEU, CRS, DRV, ATS
9	0000 491 083 00	1	1	1	1	1	1	Starter 50 - 3
10	0000 491 085 00	1	1	1	1	1	1	Starter MKS
11	0000 491 086 00	-	1	1	1	-	1	Differential pressure sensor DPF, WFS
12	0000 491 084 00	-	-	-	-	-	1	Exhaust gas temp sensor T1/T2
13	0000 491 082 00	-	-	-	-	-	1	Pressure based air mass flow meter
14	0000 491 076 00	-	1	1	1	1	1	Coolant level sensor, start
15	0000 491 086 00	-	-	-	-	1	1	Differential pressure sensor DPF, WFS
16	0000 491 075 00	-	1	1	1	1	1	Air filter sensor

Speed control
Drehzahlverstellung
Reglage regime
Ajuste de revoluciones
Regolatore di giri

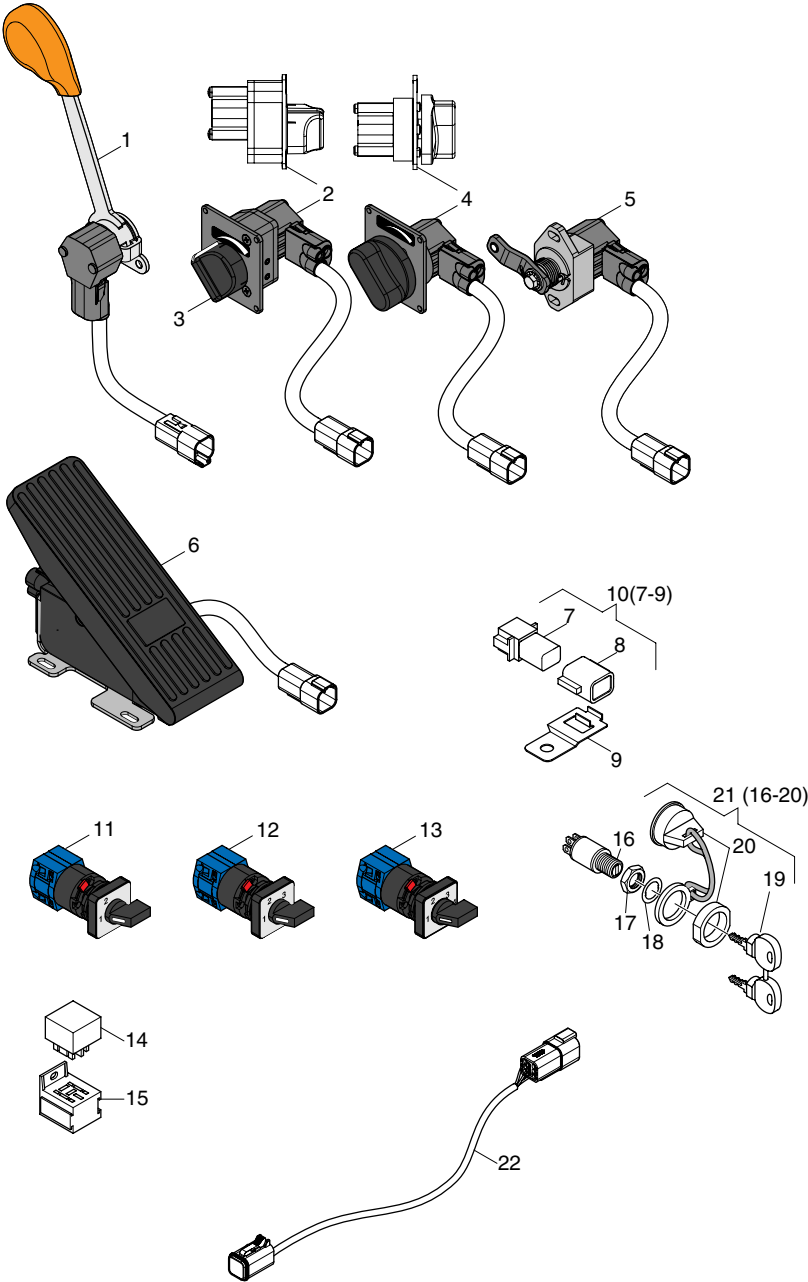


Fig.- No.	HATZ Ident-No.	Qty. Stück					W d / D	Notes Bemerkungen
		4H50N Serial No. 193 10...	4H50NO	4H50TI	4H50TIC	4H50TICD		
1	0000 024 202 03	0... 1	0... 1	0... 1	0... 1	0... 1		CAN
2	0000 024 205 03	0... 1	0... 1	0... 1	0... 1	0... 1		CAN
3	0000 491 126 00	0... 1	0... 1	0... 1	0... 1	0... 1		Only rotary cap
4	0000 024 205 04	0... 1	0... 1	0... 1	0... 1	0... 1		CAN
5	0000 024 203 03	0... 1	0... 1	0... 1	0... 1	0... 1		CAN
6	0000 024 204 03	0... 1	0... 1	0... 1	0... 1	0... 1		CAN
7	-----	-	-	-	-	-		
8	-----	-	-	-	-	-		
9	0000 506 340 00	1	1	1	1	1		
10	0000 024 201 00	1	1	1	1	1		
11	0000 506 637 00	1	1	1	1	1		2-fold-speed
12	0000 506 638 00	1	1	1	1	1		3-fold-speed
13	0000 506 639 00	1	1	1	1	1		4-fold-speed
14	0000 055 154 00	1	1	1	1	1		
15	0000 502 760 00	1	1	1	1	1		
16	-----	-	-	-	-	-		
17	-----	-	-	-	-	-		
18	-----	-	-	-	-	-		
19	0000 506 008 00	1	1	1	1	1		Nr. 607
20	0000 506 009 00	1	1	1	1	1		
21	0000 505 995 01	1	1	1	1	1		
22	0000 026 053 01	1	1	1	1	-		extension speed control 1m

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

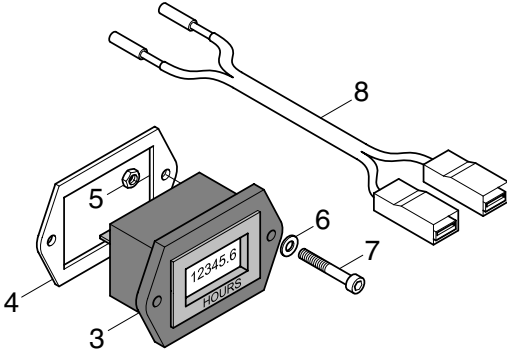
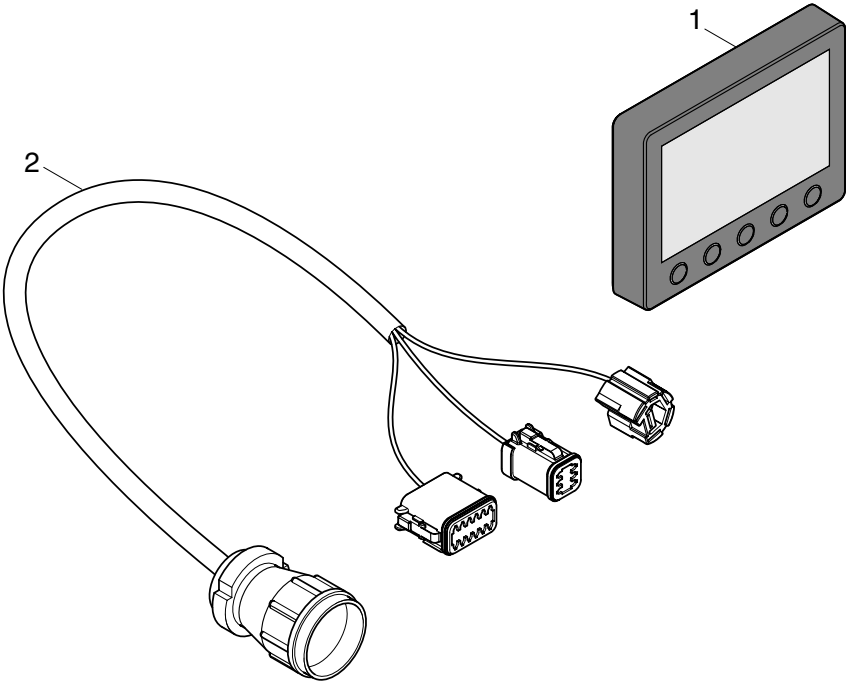


Fig.- No.	HATZ Ident-No.	Qty. Stück					W d / D	Notes Bemerkungen
		4H50N Serial No. 193 10...	4H50NO	4H50TI	4H50TIC	4H50TICD		
1	0000 026 583 00	1	1	1	1	1		
2	0000 026 568 00	1	1	1	1	1		
3	0000 506 672 00	1	1	1	1	1		
4	0000 506 673 00	1	1	1	1	1		
5	0000 505 433 00	2	2	2	2	2		M 3 DIN 980-V-8-ZN
6	0000 504 008 00	2	2	2	2	2		3,2 DIN 9021-ST ZN
7	0000 503 915 00	2	2	2	2	2		M 3 x 20 DIN 912-8.8A3B
8	0000 024 809 00	1	1	1	1	1		

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

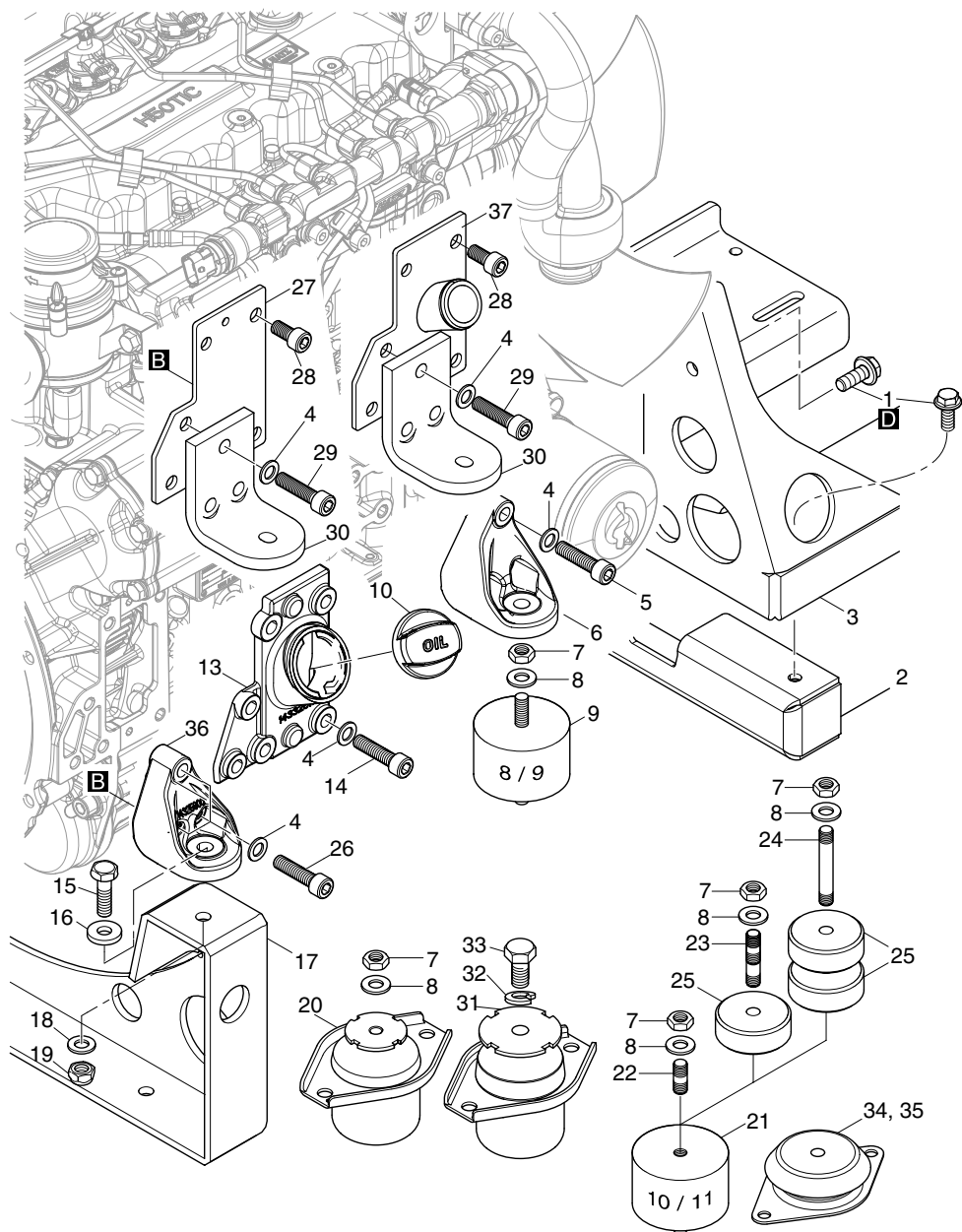


Fig.- No.	HATZ Ident-No.	Qty. Stück	W d / D	Notes Bemerkungen				
		4H50N Serial No. 147 12...	4H50N0	4H50N Serial No. 193 10...	4H50T1	4H50T1C	4H50T1CD	
1	0000 506 862 00	-	8	8	6	6	6	M10x25
2	0000 056 774 00	-	1	1	-	-	-	
3	0000 056 772 00	-	1	1	-	-	-	
3	0000 054 828 11	-	-	-	1	1	1	
4	0000 500 170 00	4	7...	7...	7...	7...	7...	10,5 DIN 433 - St A3B
5	0000 500 551 00	-	15	15	15	15	15	M10 X 55 DIN 912-8.8
6	0000 043 040 10	-	3... 9	3... 9	3... 9	3... 9	3... 9	
7	0000 501 458 00	-	1... 3	1... 3	1... 3	1... 3	1... 3	M10 DIN 934-8 A3B
8	0000 501 459 00	-	4	4	8	8	8	10,5 DIN 125-St A3B
8	0000 501 356 00	-	4	4	-	-	-	10 DIN 128 A3B
9	0000 502 602 00	-	-	-	8	8	8	Ø70x45 - 55 SH „8“
9	0000 502 603 00	-	0... 4	0... 4	0... 4	0... 4	0... 4	Ø70x45 - 65 SH „9“
10	0000 506 708 01	-	0... 4	0... 4	0... 4	0... 4	0... 4	
10	0000 506 708 02	-	1	1	-	-	-	
13	0000 043 325 11	-	-	-	1	1	1	
14	0000 503 278 00	-	1	1	1	1	1	M10 X 35 DIN 912-8.8 A3B
15	0000 503 276 00	-	3	3	3	3	3	M 10 x 35 DIN 933 - 8.8 A3B
16	0000 500 706 00	-	2	2	2	2	2	10,5 x 25 x 4 DIN 7349 A3B
17	0000 054 827 01	-	2	2	2	2	2	
18	0000 501 459 00	-	1	1	1	1	1	10,5 DIN 125-St A3B
19	0000 400 286 00	-	2	2	2	2	2	VM 10 DIN 980-8 C3A
20	0000 503 236 00	-	2	2	2	2	2	V 12 / 600
21	0000 506 617 00	-	0... 4	0... 4	0... 4	0... 4	0... 4	Ø70x45 - 55 SH „10“
21	0000 506 618 00	-	0... 4	0... 4	0... 4	0... 4	0... 4	Ø70x45 - 70 SH „11“
22	0000 503 882 00	-	0... 4	0... 4	0... 4	0... 4	0... 4	M10 x 25 DIN 939-8.8A3B
23	0000 506 620 00	-	0... 4	0... 4	0... 4	0... 4	0... 4	M10 x 45 DIN 939-8.8A3B
24	0000 506 621 00	-	0... 4	0... 4	0... 4	0... 4	0... 4	M10 x 65 DIN 939-8.8A3B
25	0000 055 147 00	-	0... 4	0... 4	0... 4	0... 4	0... 4	55 x 10 x 20
26	0000 500 552 00	-	0... 8	0... 8	0... 8	0... 8	0... 8	M 10 x 60 DIN 912-8.8A3B
27	0000 043 305 00	1	3	3	3	3	3	
28	0000 501 732 00	4	1	1	1	1	1	M10 X 20 DIN 912-8.8 A3B
29	0000 500 546 00	-	3	3	3	3	3	M10 X 40 DIN 912-8.8
30	0000 043 306 02	-	3	3	3	3	3	
31	0000 402 173 00	-	1	1	1	1	1	V1500
32	0000 500 632 00	-	0... 4	0... 4	0... 4	0... 4	0... 4	12 DIN 128 A3B
33	0000 502 119 00	-	0... 4	0... 4	0... 4	0... 4	0... 4	M12X 25 DIN 933 - 8.8 A3B
34	0000 506 679 00	-	0... 4	0... 4	0... 4	0... 4	0... 4	40SH
35	0000 506 678 00	-	0... 4	0... 4	0... 4	0... 4	0... 4	60SH
36	0000 043 259 00	-	0... 4	0... 4	0... 4	0... 4	0... 4	
37	0000 020 939 00	-	1	1	1	1	1	
38	0000 043 552 01	1	0... 1	0... 1	0... 1	0... 1	0... 1	
39	0000 043 523 01	1	-	-	-	-	-	
40	0000 506 862 00	6	-	-	-	-	-	M10x25

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

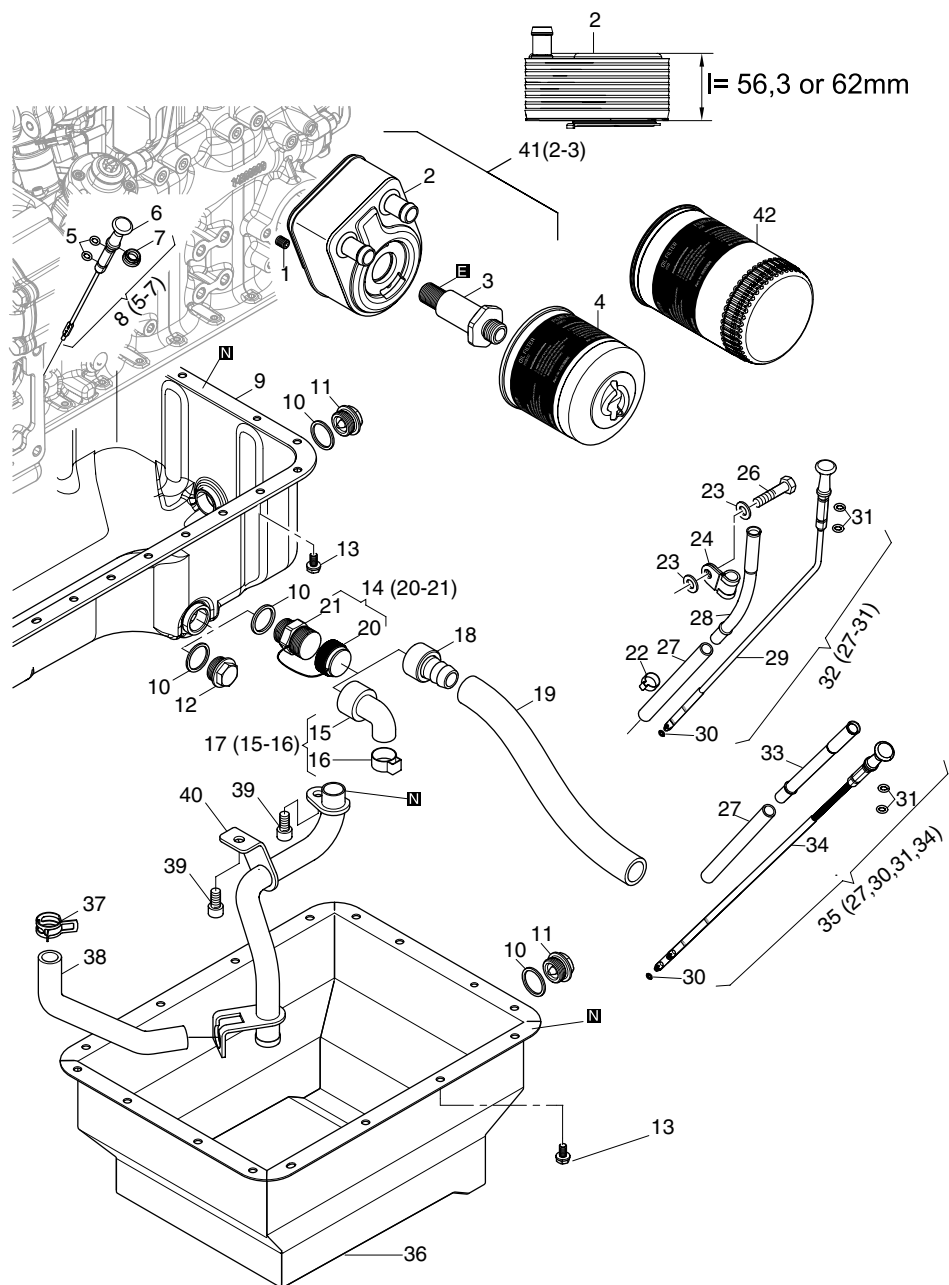


Fig.- No.	HATZ Ident-No.	Qty. Stück	W d / D	Notes Bemerkungen				
		4H50N Serial No. 147 12...	4H50N0	4H50N Serial No. 193 10...	4H50T1	4H50T1C	4H50T1CD	
1	0000 505 306 00	-	1	1	1	1	1	M 8 X 10 DIN 913-45H-A3B-KL
2	0000 506 354 10	-	0... 1	0... 1	0... 1	0... 1	0... 1	l = 56,3mm
2	0000 506 354 20	-	0... 1	0... 1	0... 1	0... 1	0... 1	l = 62mm
3	0000 043 047 01	-	0... 1	0... 1	0... 1	0... 1	0... 1	= no.2 50635410
3	0000 043 047 10	-	0... 1	0... 1	0... 1	0... 1	0... 1	= no.2 50635420
4	0000 506 388 01	-	1	1	1	1	1	horizontal
5	0000 400 220 00	2	2	2	2	2	2	5 x 2
6	-----	-	-	-	-	-	-	
7	0000 040 845 00	1	1	1	1	1	1	
8	0000 020 335 00	1	0... 1	0... 1	0... 1	0... 1	0... 1	
9	0000 020 729 01	1	0... 1	0... 1	1	1	0... 1	9L
9	0000 020 322 20	-	0... 1	0... 1	0... 1	0... 1	0... 1	7L
10	0000 500 016 00	2	2	2	2	2	2	A 22 x 27 DIN 7603 Cu
11	0000 503 731 00	1	2	2	2	2	2	AM22x1,5DIN7604A3B MAGN.
12	0000 501 404 00	-	1	1	1	1	1	AM22x1,5DIN7604-5.8A3B
13	0000 503 410 00	-	18	18	18	18	18	M 6 x 13 KZ 1 8.8 A3D
14	0000 502 814 13	-	1	1	1	1	1	M22 x 1,5 31length
15	-----	-	-	-	-	-	-	
16	-----	-	-	-	-	-	-	
17	0000 506 562 00	-	1	1	1	1	1	
18	0000 025 127 00	-	1	1	1	1	1	
19	0000 039 119 00	-	0... 1	0... 1	0... 1	0... 1	0... 1	1000mm
19	0000 054 220 00	-	0... 1	0... 1	0... 1	0... 1	0... 1	2000mm
20	0000 491 025 00	-	1	1	1	1	1	
21	-----	-	-	-	-	-	-	
22	0000 505 112 01	-	1	1	1	1	1	Ø 13,8
23	0000 501 481 00	-	2	2	2	2	2	8,4 DIN 125-St A3B
24	0000 505 898 00	-	1	1	1	1	1	
26	0000 501 498 00	-	1	1	1	1	1	M 8 x 35 DIN 933 - 8.8 A3B
27	0000 052 855 00	-	1	1	1	1	1	
28	0000 050 535 10	-	1	1	1	1	1	
29	-----	-	-	-	-	-	-	
30	0000 502 025 02	-	1	1	1	1	1	3,0 x 1,6
31	0000 400 220 00	-	2	2	2	2	2	5 x 2
32	0000 020 717 00	-	0... 1	0... 1	0... 1	0... 1	0... 1	f. Pos. 36-50°
33	0000 043 492 00	-	1	1	1	1	1	
34	-----	-	-	-	-	-	-	
35	0000 020 744 00	-	0... 1	0... 1	0... 1	0... 1	0... 1	f. Pos. 36-50° hoch, high
36	0000 020 787 00	-	0... 1	0... 1	0... 1	0... 1	0... 1	50°
37	0000 506 766 00	-	1	1	1	1	1	Ø 20-21,6
38	0000 043 534 00	-	1	1	1	1	1	
39	0000 500 516 00	-	2	2	2	2	2	M 8 X 16 DIN 912-8.8
40	0000 020 788 00	-	1	1	1	1	1	50°
41	0000 026 639 00	-	1	1	1	1	1	
42	0000 506 938 00	-	1	1	1	1	1	horizontal 9L

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

77

Central electrical system
Zentralelektrik
Centrale électrique
Electrico central
Central electrical system

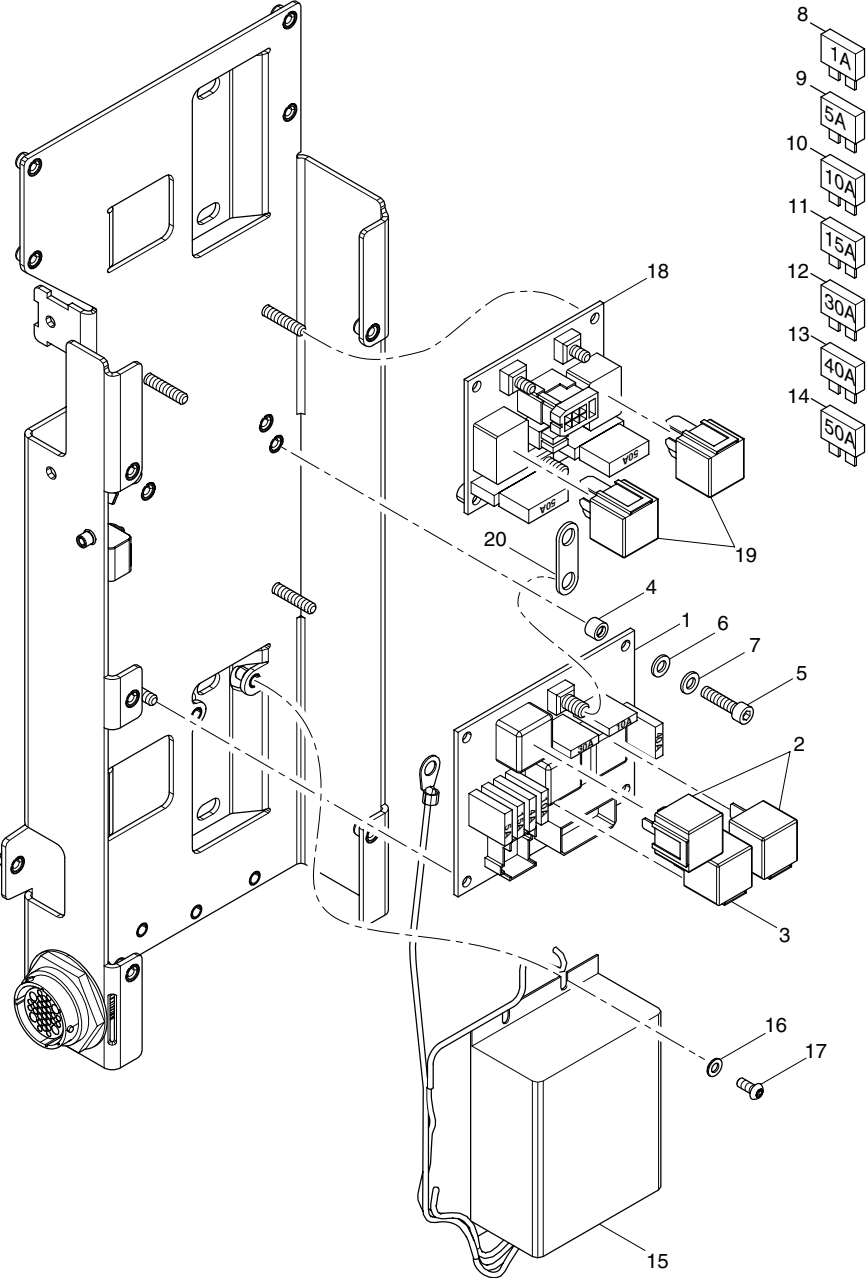


Fig.- No.	HATZ Ident-No.	Qty. Stück					W d / D	Notes Bemerkungen
		4H50N Serial No. 193 10...	4H50NO	4H50TI	4H50TIC	4H50TICD		
1	0000 025 753 10	1	1	1	1	1		
2	0000 502 777 01	2	2	2	2	2		Relay 12V - 20/30A
3	0000 504 327 00	1	1	1	1	1		12V - 70A
4	0000 506 834 00	4	4	4	4	4		
5	0000 501 706 00	4	4	4	4	4		M 6 x 20 DIN 912-8.8A3B
6	0000 501 445 00	4	4	4	4	4		6,4 DIN 125-St A3B
7	0000 504 128 01	4	4	4	4	4		6,5
8	0000 506 483 00	1	1	1	1	1		1 A
9	0000 504 301 00	1	1	1	1	1		5A
10	0000 504 593 00	1	1	1	1	1		10 A
11	0000 504 304 00	1	1	1	1	1		15 A
12	0000 504 307 00	1	1	1	1	1		30 A
13	0000 504 330 00	1	1	1	1	1		40 A
14	0000 504 854 00	1	1	1	1	1		50A
15	0000 025 790 03	1	1	1	1	1		
16	0000 502 163 00	4	4	4	4	4		5,3 DIN 125-St A3B
17	0000 504 923 00	4	4	4	4	4		M 5 x 12 ISO 7380-10.9 Zn
18	0000 025 754 00	-	-	-	-	1		Premium
19	0000 504 327 00	-	-	-	-	2		12V - 70A
20	0000 056 648 00	-	-	-	-	1		B+

Z11b

Fastening plate
Steckerhalteblech
Tole support
Chapa de fijacion
Fastening plate

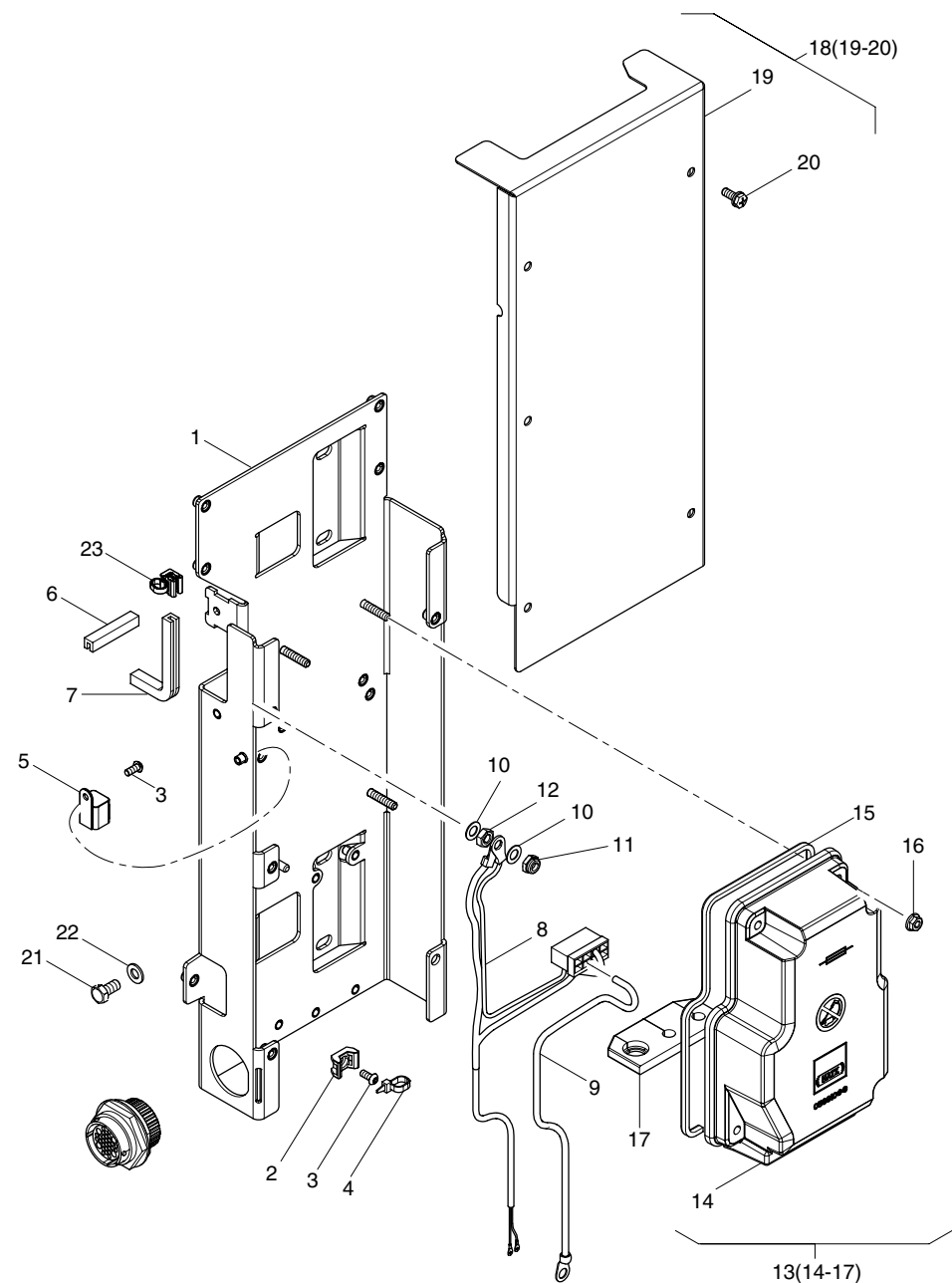


Fig.- No.	HATZ Ident-No.	Qty. Stück					W d / D	Notes Bemerkungen
		4H50N Serial No. 193 10...	4H50NO	4H50TI	4H50TIC	4H50TICD		
1	0000 026 236 10	1	1	1	1	1		
2	0000 504 902 00	1... 4	1... 4	1... 4	1... 4	1... 4		
3	0000 504 923 00	1... 5	1... 5	1... 5	1... 5	1... 5		M 5 x 12 ISO 7380-10.9 Zn
4	0000 503 584 00	1... 5	1... 5	1... 5	1... 5	1... 5		4,8 x 200 mm Black
5	0000 506 829 00	1	1	1	1	1		C81
6	0000 056 751 00	1	1	1	1	1		50mm
7	0000 056 752 00	1	1	1	1	1		100mm
8	0000 025 964 00	1	1	1	1	1		central electric
9	0000 025 853 00	1	1	1	1	1		B+
10	0000 500 951 00	2	2	2	2	2		A 8 DIN 137 A3B
11	0000 501 295 00	1	1	1	1	1		M 8 DIN 985-8 A3B
12	0000 503 447 00	1	1	1	1	1		M 8 DIN 936 - 5 A3B
13	0000 026 596 00	1	1	1	1	1		
14	-----	-	-	-	-	-		
15	0000 056 937 00	1	1	1	1	1		
16	0000 506 663 00	4	4	4	4	4		M 6
17	0000 052 032 00	1	1	1	1	1		
18	0000 026 237 01	1	1	1	1	1		
19	-----	-	-	-	-	-		
20	0000 503 356 00	5	5	5	5	5		M 6 x 16 KZ 1-8.8 A3D
21	0000 500 985 00	2	2	2	2	2		M 8 x 16 DIN 933-8.8 A3B
22	0000 501 481 00	2	2	2	2	2		8,4 DIN 125-St A3B
23	0000 506 745 00	2	2	2	2	2		

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

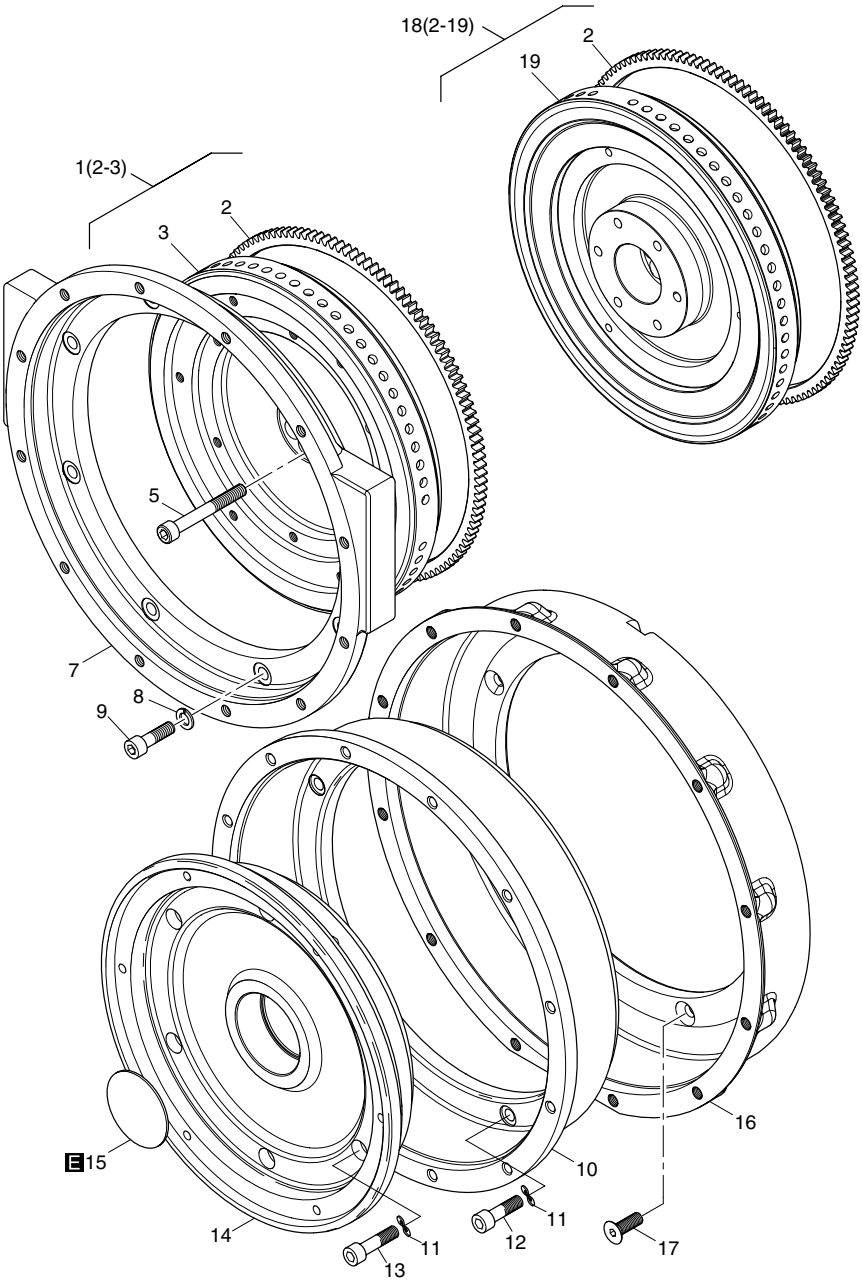


Fig.- No.	HATZ Ident-No.	Qty. Stück	W d / D	Notes Bemerkungen				
		4H50N Serial No. 147 12...	4H50N0	4H50N Serial No. 193 10...	4H50T1	4H50T1C	4H50T1CD	
1	0000 025 886 01	-	1	1	1	1	1	
2	0000 040 212 11	-	1	1	1	1	1	
3	-----	-	-	-	-	-	-	
5	0000 506 299 00	7	7	7	7	7	7	M10 X 1 X 80 DIN 912-12.9
7	0000 036 792 00	-	1	1	1	1	1	SAE 4
8	0000 501 356 00	-	8	8	8	8	8	10 DIN 128 A3B
9	0000 503 278 00	-	8	8	8	8	8	M10 X 35 DIN 912-8.8 A3B
10	0000 050 283 00	-	1	1	1	1	1	SAE4 for 10" flywheel
11	0000 501 460 01	-	14	14	14	14	14	A3B
12	0000 503 278 00	-	8	8	8	8	8	M10 X 35 DIN 912-8.8 A3B
13	0000 500 546 00	-	6	6	6	6	6	M10 X 40 DIN 912-8.8
14	0000 050 275 01	-	1	1	1	1	1	
15	0000 051 344 00	-	1	1	1	1	1	
16	0000 055 969 01	-	1	1	1	1	1	
17	0000 501 156 00	-	1	1	1	1	1	M10X30 A3B
18	0000 025 877 01	1	-	-	-	-	-	
18	0000 025 887 01	-	0... 1	0... 1	-	-	-	
19	-----	-	-	-	-	-	-	

Z16a

External bearing
Aussenlager
Palier exterieur
Rodamiento exterior
Cuscinetto esterno

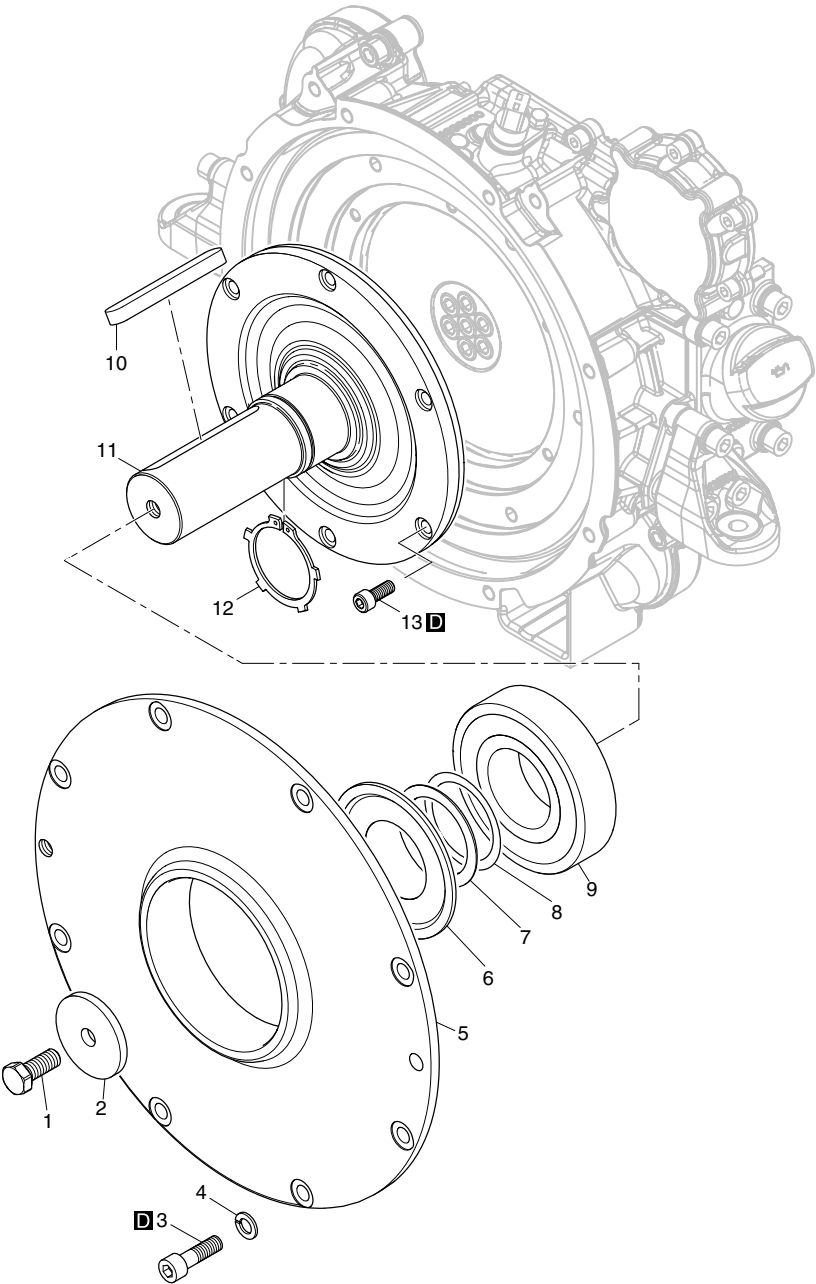


Fig.- No.	HATZ Ident-No.	Qty. Stück					W d / D	Notes Bemerkungen
		4H50N Serial No. 193 10...	4H50NO	4H50TI	4H50TIC	4H50TICD		
1	0000 500 312 00	1	1	1	1	1		M 12 x 30 DIN 933-8.8
2	0000 034 802 00	1	1	1	1	1		12,5 x 58 x 6
3	0000 503 278 00	8	8	8	8	8		M10 X 35 DIN 912-8.8 A3B
4	0000 501 356 00	8	8	8	8	8		10 DIN 128 A3B
5	0000 043 241 00	1	1	1	1	1		
6	0000 502 610 00	1	1	1	1	1		
7	0000 502 611 00	1	1	1	1	1		
8	0000 506 016 00	1	1	1	1	1		55 x 68 x 0,1
9	0000 502 613 00	1	1	1	1	1		
10	0000 500 626 00	1	1	1	1	1		A14 x 9 x 100 DIN 6885
11	0000 043 239 10	1	1	1	1	1		Ø 48mm
11	0000 043 240 10	1	1	1	1	1		Ø 50mm
12	0000 502 612 00	1	1	1	1	1		AL55 x 2
13	0000 506 598 00	6	6	6	6	6		M 8 X 30 DIN 912-12.9

Z16b

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

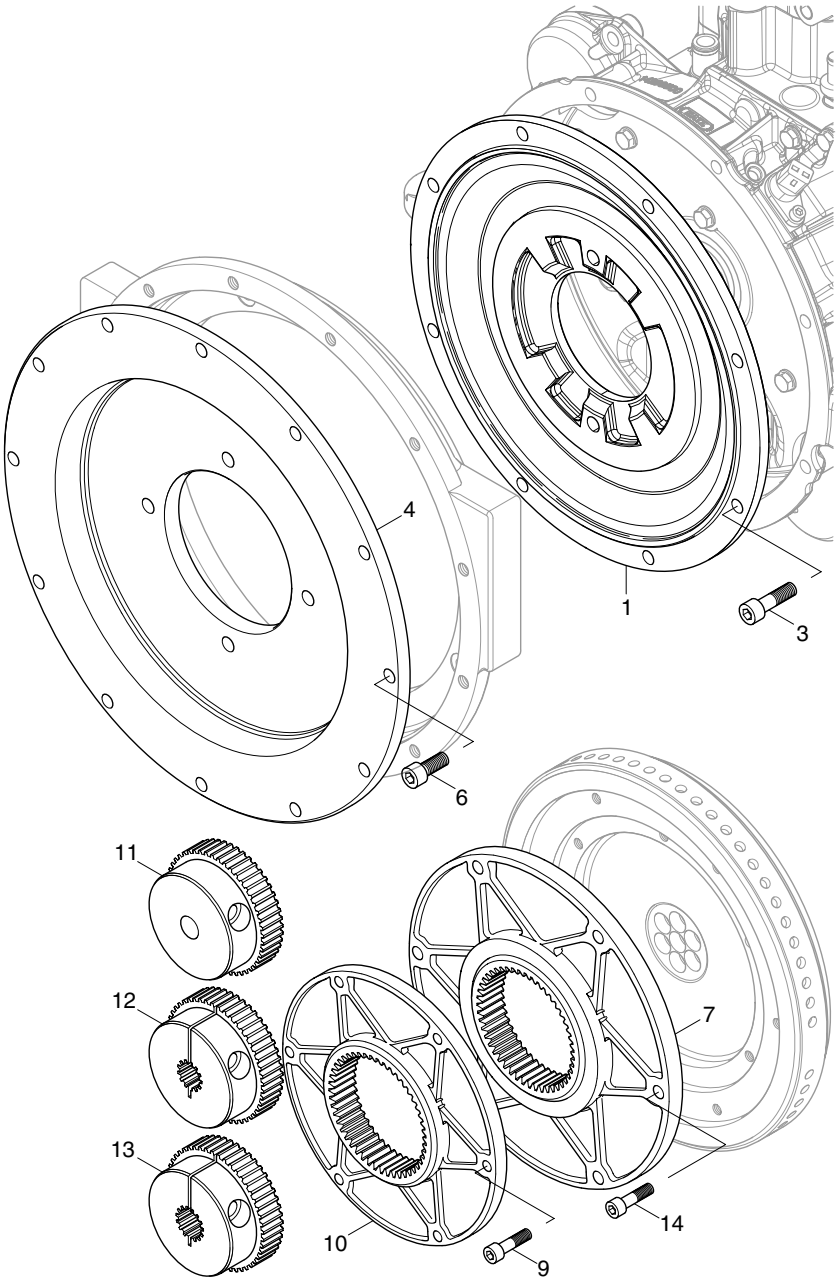


Fig.- No.	HATZ Ident-No.	Qty. Stück					W d / D	Notes Bemerkungen
		4H50N Serial No. 193 10...	4H50NO	4H50TI	4H50TIC	4H50TICD		
1	0000 506 611 00	0... 1	0... 1	0... 1	0... 1	0... 1		SAE5 Ø101,6, bore circle Ø146
3	0000 503 278 00	8	8	8	8	8		M10 X 35 DIN 912-8.8 A3B
4	0000 506 608 00	0... 1	0... 1	0... 1	0... 1	0... 1		SAE4 Ø127, bore circle Ø162
6	0000 502 903 00	12	12	12	12	12		M10 X 25 DIN 912-8.8 A3B
7	0000 506 609 00	0... 1	0... 1	0... 1	0... 1	0... 1		55 - 8"
9	0000 501 759 00	6	6	6	6	6		M 8 X 30 DIN 912-8.8 A3B
10	0000 506 612 00	0... 1	0... 1	0... 1	0... 1	0... 1		55 - 6,5"
11	0000 506 614 00	0... 1	0... 1	0... 1	0... 1	0... 1		T55, predrilled, Ø18,9
12	0000 506 613 00	0... 1	0... 1	0... 1	0... 1	0... 1		T55, 7/8", 13teeth, 16/32
13	0000 506 610 00	0... 1	0... 1	0... 1	0... 1	0... 1		T55, 1", 15teeth, 16/32
14	0000 500 541 00	6	6	6	6	6		M10 X 30 DIN 912-8.8

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

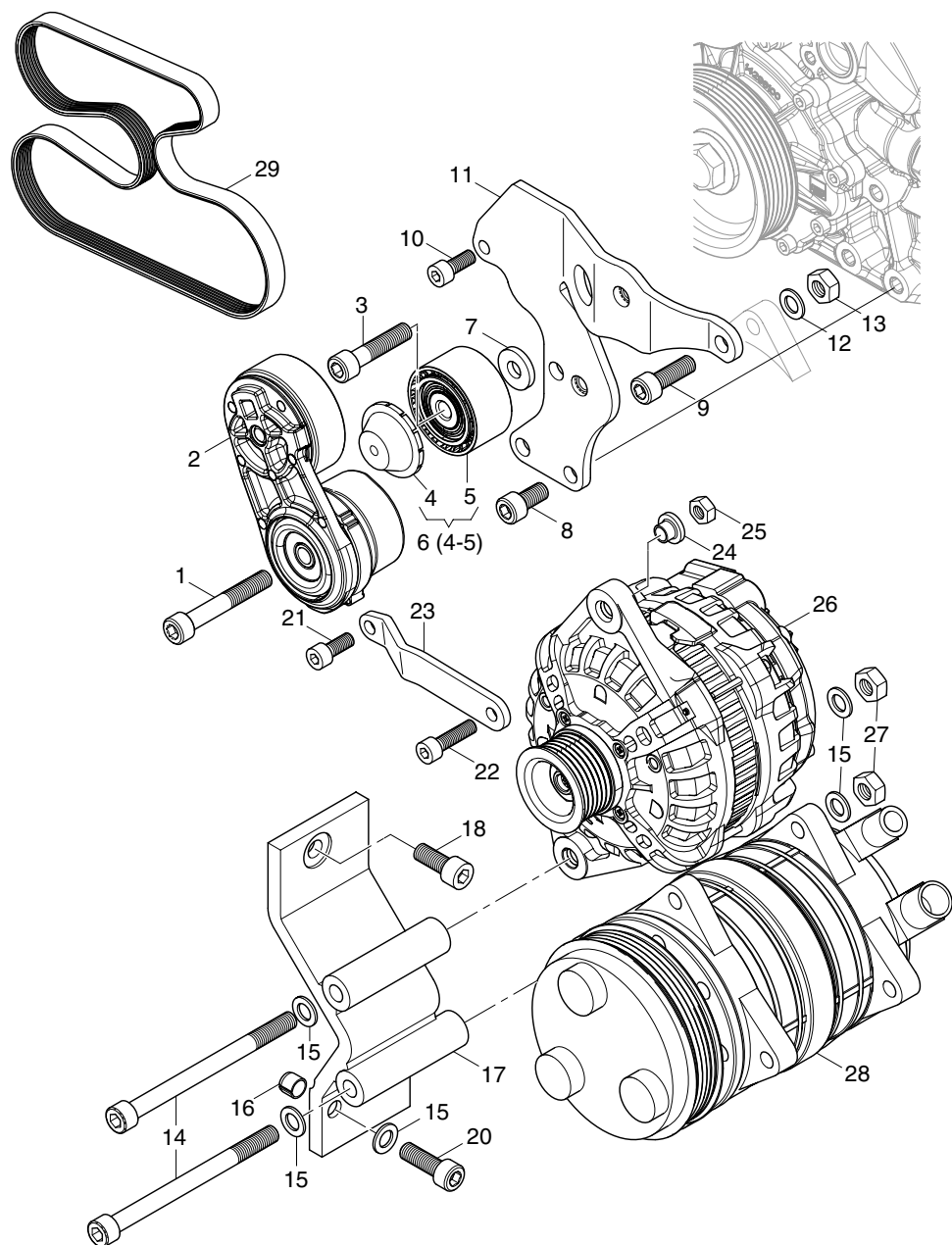


Fig.- No.	HATZ Ident-No.	Qty. Stück			W d / D	Notes Bemerkungen
		4H50TI	4H50TIC	4H50TICD		
1	0000 500 554 00	1	1	1		M10 X 65 DIN 912-8.8
2	0000 506 624 00	1	1	1		
3	0000 500 547 00	1	1	1		M10 X 45 DIN 912-8.8 A3B
4	-----	-	-	-		
5	-----	-	-	-		
6	0000 506 625 00	1	1	1		
7	0000 500 706 00	1	1	1		10,5 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 01	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.
 Patrticolari per montaggio pompa idraulica

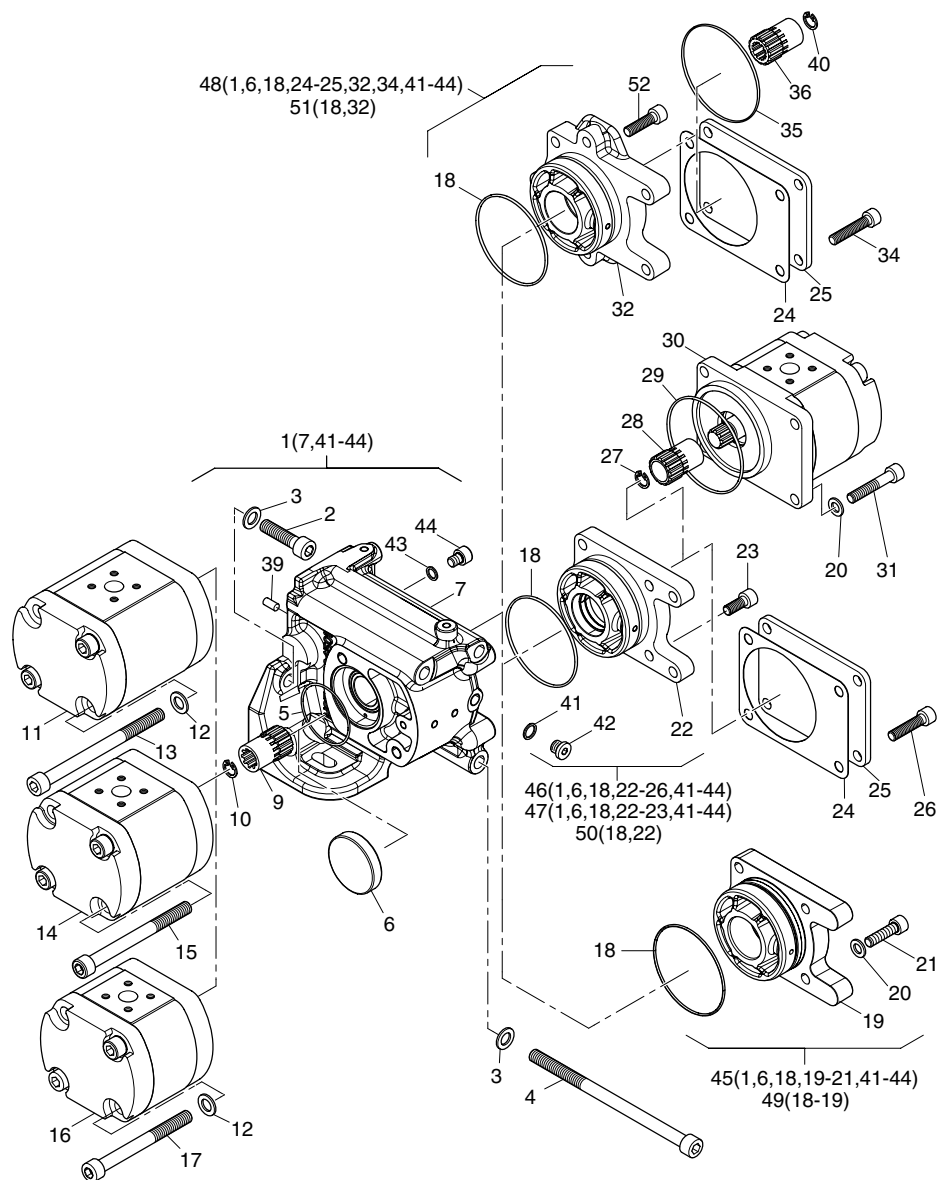


Fig.- No.	HATZ Ident-No.		Qty. Stück		W d / D	Notes Bemerkungen	
		4H50N Serial No. 193 10...	4H50NO	4H50TI	4H50TIC	4H50TICD	
1	0000 024 253 10	1	1	1	1	1	
2	0000 500 546 00	3	3	3	3	3	M10 X 40 DIN 912-8.8
3	0000 500 170 00	6	6	6	6	6	10,5 DIN 433 - St A3B
4	0000 506 358 00	3	3	3	3	3	M10 X170 DIN 912-8.8 A3B
5	0000 503 425 00	1	1	1	1	1	48 x 1,7
6	0000 503 256 01	1	1	1	1	1	Ø50
7	-----	1	1	1	1	1	
9	0000 038 434 00	1	1	1	1	1	
10	0000 500 197 00	1	1	1	1	1	J 14 x 1 DIN 472
11	0000 506 356 01	1	1	1	1	1	Ø50 31,2cm³
12	0000 500 170 00	2	2	2	2	2	10,5 DIN 433 - St A3B
13	0000 506 323 01	2	2	2	2	2	M10 X130 DIN 912-10.9
14	0000 506 365 01	1	1	1	1	1	Ø50 22cm³
15	0000 506 364 00	2	2	2	2	2	M10 X110 DIN 912-10.9
16	0000 506 361 01	1	1	1	1	1	Ø50 12cm³
17	0000 506 189 01	2	2	2	2	2	M10 X100 DIN 912-10.9
18	0000 505 472 02	1	1	1	1	1	73 x 2
19	-----	-	-	-	-	-	
20	0000 501 157 00	4	4	4	4	4	8,4 DIN433-St 140 HV
21	0000 501 759 00	4	4	4	4	4	M 8 X 30 DIN 912-8.8 A3B
22	-----	-	-	-	-	-	
23	0000 503 663 00	2	2	2	2	2	M 8 X 20 DIN 912-8.8A3B
24	0000 035 680 00	1	1	1	1	1	
25	0000 037 616 00	1	1	1	1	1	
26	0000 501 830 00	4	4	4	4	4	M 8 X 35 DIN 912-8.8 A3B
27	0000 500 197 00	1	1	1	1	1	J 14 x 1 DIN 472
28	0000 038 434 00	1	1	1	1	1	
29	0000 506 359 00	1	1	1	1	1	80 x 2 DIN 3771
30	0000 505 187 10	1	1	1	1	1	Ø80 6,45cm³
30	0000 505 348 10	1	1	1	1	1	Ø80 8,25cm³
30	0000 506 000 10	1	1	1	1	1	Ø80 4,65cm³
30	0000 506 097 00	1	1	1	1	1	Ø80 12cm³
30	0000 506 098 00	1	1	1	1	1	Ø80 13,8cm³
30	0000 506 099 00	1	1	1	1	1	Ø80 15,52cm³
31	0000 501 710 00	4	4	4	4	4	M 8 X 45 DIN 912-8.8 A3B
32	-----	-	-	-	-	-	
34	0000 501 830 00	4	4	4	4	4	M 8 X 35 DIN 912-8.8 A3B
35	0000 506 371 00	1	1	1	1	1	82,5 x 2 DIN 3771
36	0000 043 076 10	1	1	1	1	1	SAE
39	0000 506 452 00	2	2	2	2	2	6 M6X12 DIN6325
40	0000 506 643 00	1	1	1	1	1	J 13 x 1 DIN 472
41	0000 500 623 00	1	1	1	1	1	M 10 x 1 DIN 908-5.8 A3B
42	0000 500 624 00	1	1	1	1	1	A 10 x 13,5 DIN 7603-Cu
43	0000 500 009 00	1	1	1	1	1	A 8 x 11,5 DIN 7603-Cu
44	0000 501 731 00	1	1	1	1	1	M 8 X 10 DIN 912-8.8 A3B
45	0000 020 382 02	1	1	1	1	1	Ø50 & closed
46	0000 020 383 02	1	1	1	1	1	Ø50 & Ø80 cover
47	0000 020 384 02	1	1	1	1	1	Ø50 & Ø80

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

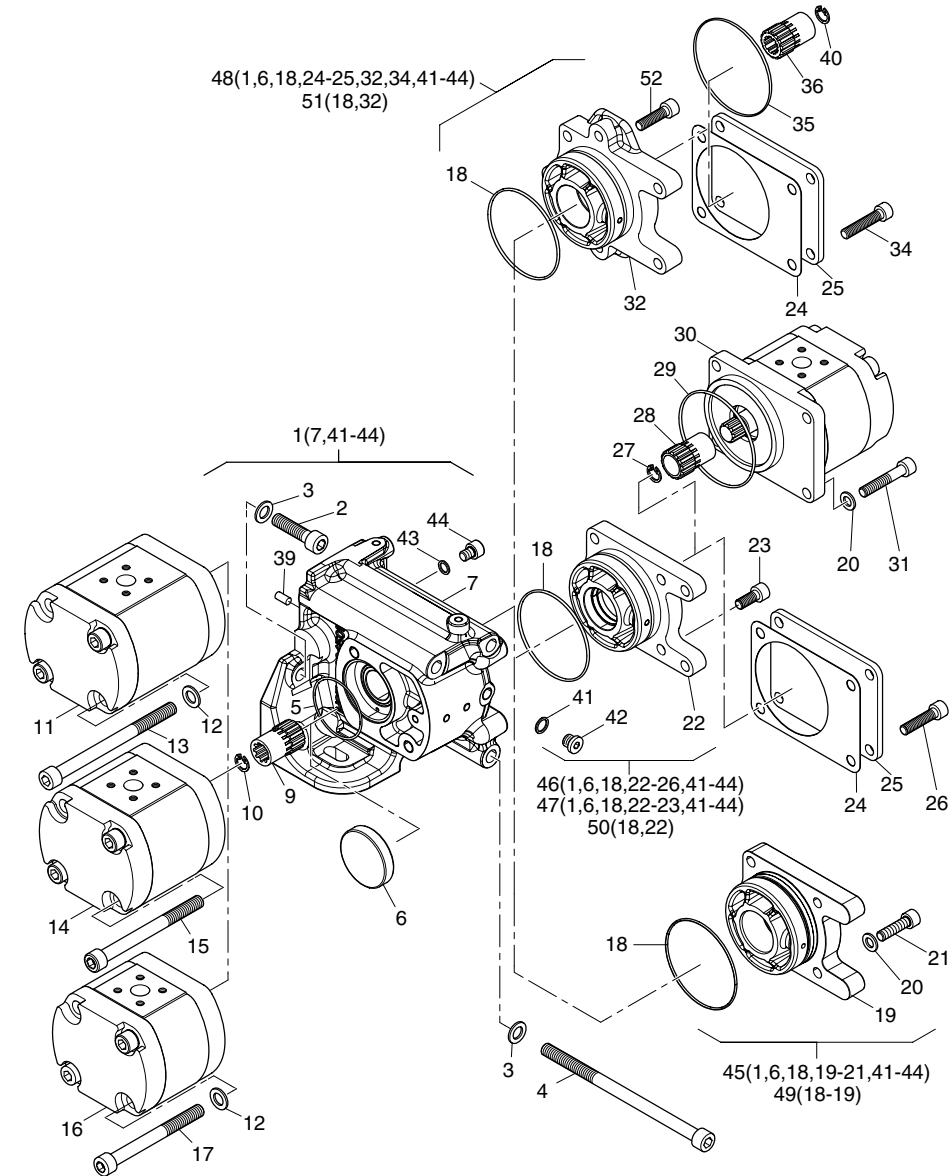


Fig.- No.	HATZ Ident-No.		Qty. Stück		W d / D	Notes Bemerkungen	
		4H50N Serial No. 193 10...	4H50NO	4H50TI	4H50TIC	4H50TICD	
48	0000 020 385 03	1	1	1	1	1	Ø50 & SAE
49	0000 024 254 10	1	1	1	1	1	closed
50	0000 024 255 10	1	1	1	1	1	Ø80
51	0000 024 256 10	1	1	1	1	1	SAE
52	0000 501 144 00	1	1	1	1	1	M 8 X 25 DIN 6912-8.8 A3B

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

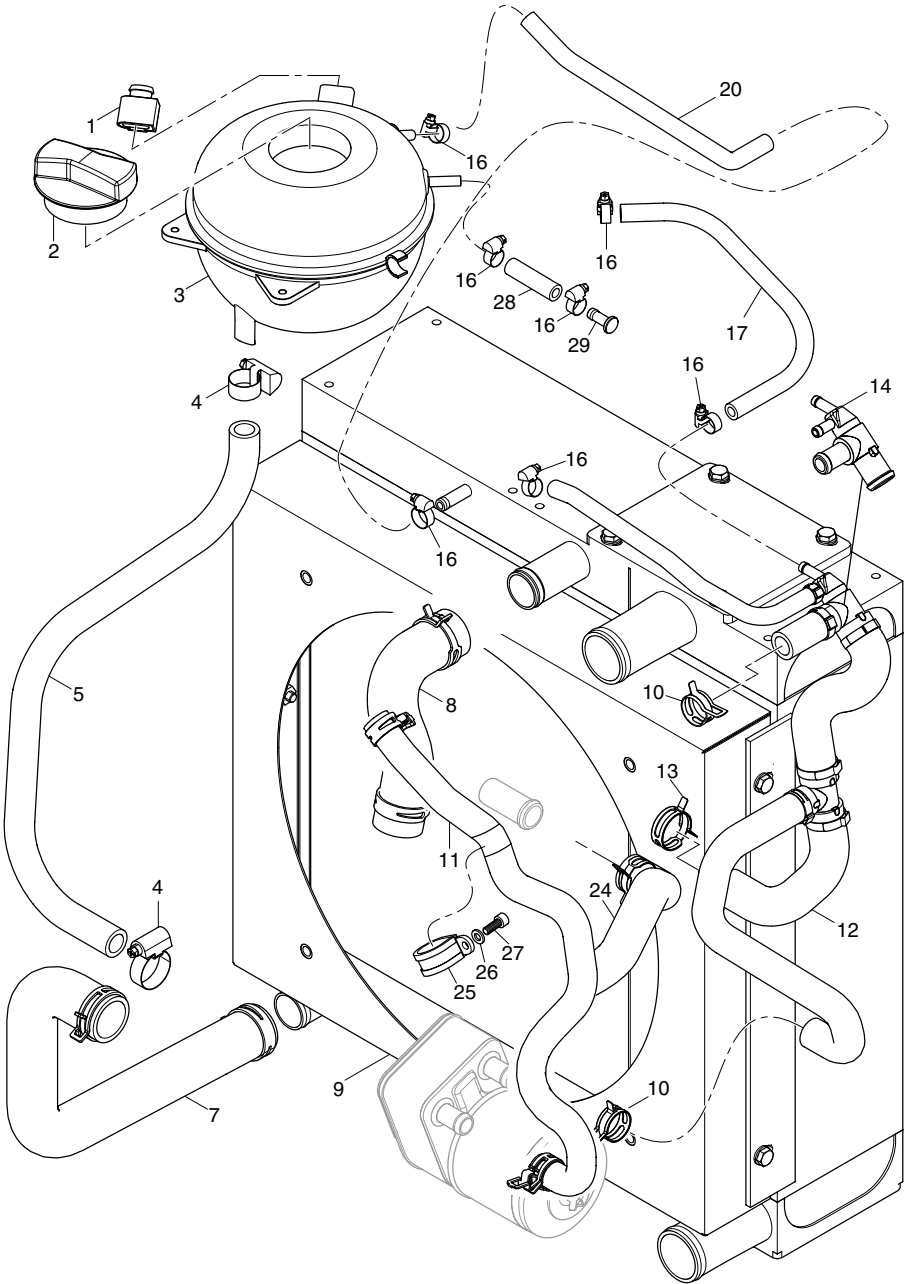


Fig.- No.	HATZ Ident-No.	Qty. Stück			W d / D	Notes Bemerkungen
		4H50TI	4H50TIC	4H50TICD		
1	0000 506 293 00	1	1	1		
2	0000 506 292 00	1	1	1		
3	0000 506 291 00	1	1	1		
4	0000 504 756 00	2	-	2		2,4L
4	0000 506 520 00	-	2	-		Ø 12 - 22 x 9
5	0000 043 322 01	1	1	1		Ø 16-27 x 12 DIN 3017 A
7	0000 021 045 00	1	1	1		
8	0000 021 046 01	1	1	1		
9	0000 024 758 00	1	1	1		WK-LLK-556 x 550 x 13
10	0000 506 917 00	-	4	4		
11	0000 021 048 00	-	1	1		
12	0000 020 604 00	-	1	1		
13	0000 506 670 00	-	1	1		Ø 30-32,5
14	0000 043 345 00	1	1	1		
16	0000 400 261 00	5	5	5		Ø 10-16
17	0000 043 116 01	-	1	1		Ø 8 x 3 x 440
20	0000 043 323 01	1	1	1		
24	0000 021 054 01	-	0... 1	0... 1		
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	-	-		
29	0000 043 320 00	1	-	-		

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

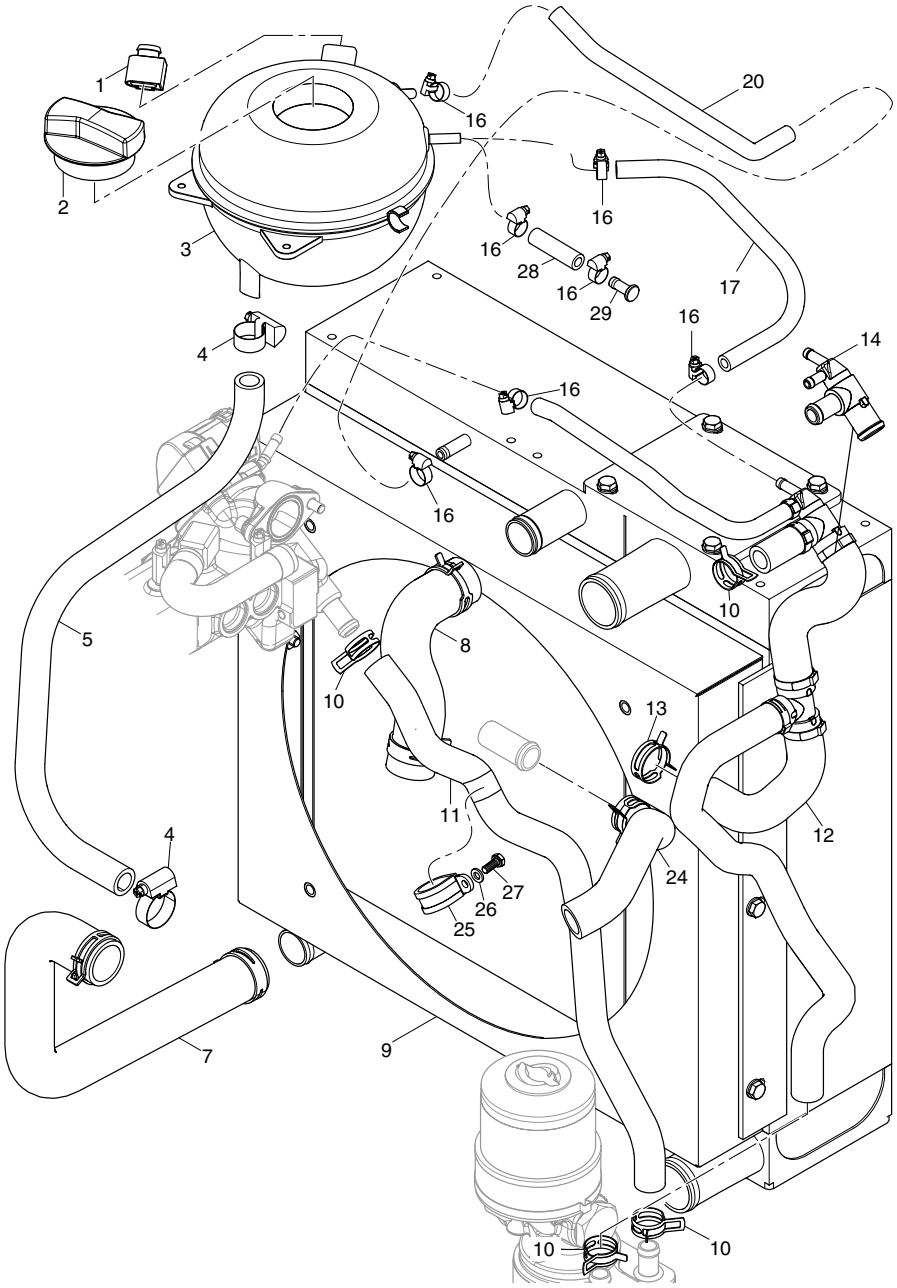


Fig.- No.	HATZ Ident-No.	Qty. Stück			W d / D	Notes Bemerkungen
		4H50TI	4H50TIC	4H50TICD		
1	0000 506 293 00	1	1	1		
2	0000 506 292 00	1	1	1		
3	0000 506 291 00	1	1	1		2,4L
4	0000 504 756 00	2	2	2		Ø 12 - 22 x 9
5	0000 043 322 01	1	1	1		
7	0000 021 045 00	1	1	1		
8	0000 021 046 01	1	1	1		
9	0000 024 758 00	1	1	1		WK-LLK-556 x 550 x 13
10	0000 506 669 00	-	4	4		Ø 24-26
11	0000 056 517 00	-	1	1		
12	0000 020 701 00	-	1	1		
13	0000 506 670 00	-	1	1		Ø 30-32,5
14	0000 043 345 00	2	2	2		
16	0000 400 261 00	5	5	5		Ø 10-16
17	0000 043 116 01	-	1	1		Ø 8 x 3 x 440
20	0000 043 323 01	1	1	1		
24	0000 021 054 01	-	0...1	0...1		
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	-	-		
29	0000 043 320 00	1	-	-		

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

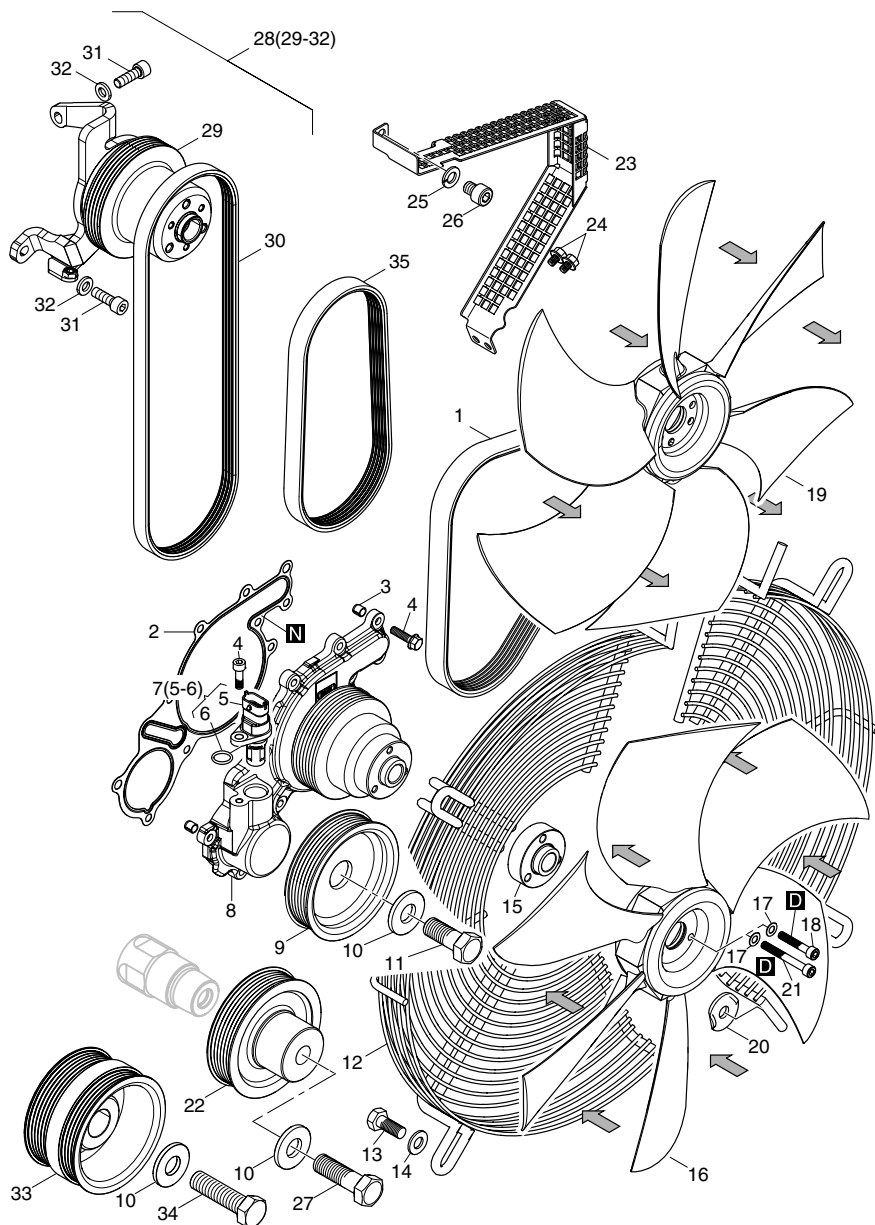


Fig.- No.	HATZ Ident-No.	Qty. Stück	W d / D	Notes Bemerkungen
1	0000 506 294 01	1	1	768mm
2	0000 056 247 00	1	1	
3	0000 501 400 00	2	2	8 x 8 DIN 7346 55 Si 7
4	0000 506 615 00	11	11	M 6X 25 DIN 6921-8.8A2B
5	-----	-	-	
6	-----	-	-	
7	0000 506 286 00	1	1	
8	0000 024 184 20	0...1	0...1	Ø 77mm i=1,33x N engine
8	0000 025 366 10	0...1	0...1	Ø 92mm i=1,116 x N engine
8	0000 026 052 00	0...1	0...1	Ø 92mm i=1,116 x N engine heavy
9	0000 054 301 01	0...1	0...1	Ø 103mm
10	0000 506 289 01	1	1	
11	0000 506 290 01	1	1	M16X1,5X40LH 961-8.8
12	0000 026 245 00	-	1	
12	0000 024 444 00	-	-	
13	0000 501 354 00	-	6	M 8 x 20 DIN 933-8.8 A3B
13	0000 501 364 00	-	-	M 10 x 25 DIN 933 - 8.8 A3B
14	0000 500 629 00	-	6	8,4 DIN 9021 St A3B
14	0000 500 706 00	-	-	10,5 x 25 x 4 DIN 7349 A3B
15	0000 054 273 00	- 1...2	1...2	
16	0000 506 899 00	- 0...1	0...1	Ø350mm / 6-6 / 30°
16	0000 506 287 00	-	-	Ø410mm / 6-6 / 30°
16	0000 506 715 00	-	-	Ø410mm / 6-6 / 35°
17	0000 500 812 00	- 3	3	A 6 DIN 137 - A3B
18	0000 503 749 00	- 0...3	0...3	M 6 X 35 DIN 912-8.8 A3B
19	0000 506 898 00	- 0...1	0...1	Ø350mm / 6-6 / 30°
19	0000 506 580 00	-	-	Ø410mm / 6-6 / 30°
19	0000 506 717 00	-	-	Ø410mm / 6-6 / 35°
20	0000 055 785 01	-	-	11x36x3
21	0000 503 420 00	- 0...3	0...3	M 6 X 50 DIN 912-8.8 A3B
22	0000 043 352 00	- 0...1	0...1	
23	0000 055 783 01	- 1	1	
23	0000 055 783 00	-	-	
24	0000 506 231 00	- 2	2	
24	0000 506 023 01	-	-	M 6 x 8 DIN 6912
25	0000 502 085 00	- 1	1	8 DIN 128 A3B
26	0000 501 731 00	- 1	1	M 8 X 10 DIN 912-8.8 A3B
27	0000 506 711 00	-	-	M 16 x 1,5 x 65 DIN 960 - 10
28	0000 020 695 02	- 1	1	
29	-----	-	-	
30	0000 506 478 00	- 1	1	4PK 874
31	0000 501 715 00	- 3	3	M 8 X 25 DIN 912-8.8 A3B
32	0000 506 944 00	- 3	3	8,4x16x2,5
33	0000 054 430 00	- 1	1	
34	0000 505 299 01	- 1	1	M16x1,5x60 DIN960-8.8A3C-LH
35	0000 506 750 00	1	1	577mm

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

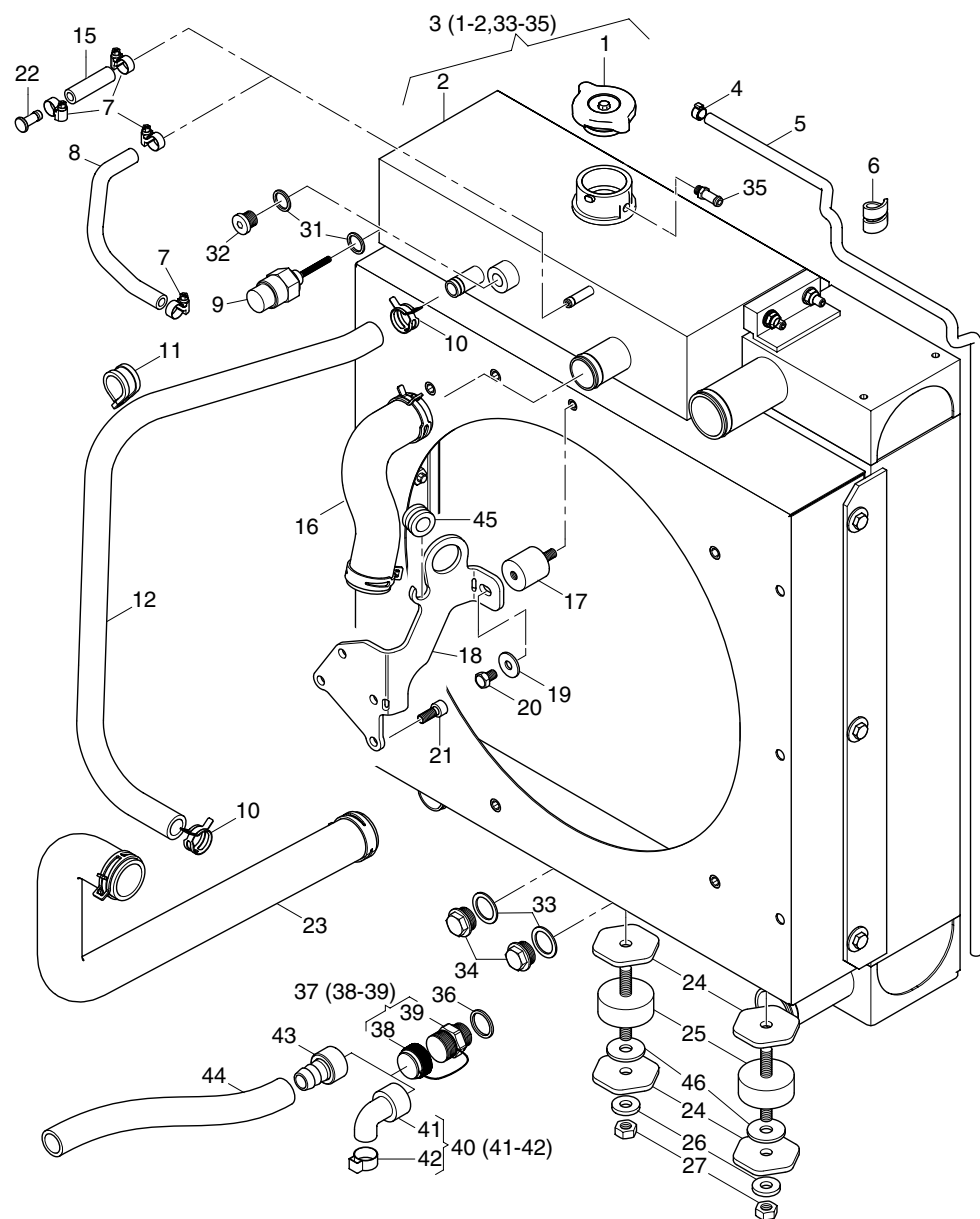


Fig.- No.	HATZ Ident-No.	Qty. Stück	W d / D	Notes Bemerkungen
		4H50TI	4H50TIC	4H50TICD
1	0000 490 990 00	1	1	1
2	-----	-	-	-
3	0000 024 062 10	1	1	1
4	0000 505 709 00	1	1	1
5	0000 054 830 01	1	1	1
6	0000 050 239 00	1	1	1
7	0000 400 261 00	2	2	2
8	0000 043 319 11	-	1	1
9	0000 506 559 00	0... 1	0... 1	0... 1
10	0000 506 668 00	2	2	2
11	0000 501 903 10	1	1	1
12	0000 043 399 00	1	1	1
15	0000 043 321 01	1	-	-
16	0000 021 046 01	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
20	0000 500 962 00	1	1	1
21	0000 503 663 00	4	4	4
22	0000 043 320 00	1	-	-
23	0000 021 045 00	1	1	1
24	0000 039 934 00	4	4	4
25	0000 503 460 00	2	2	2
26	0000 500 706 00	2	2	2
27	0000 501 458 00	2	2	2
28	0000 500 985 00	3	3	3
29	0000 501 481 00	3	3	3
30	0000 024 063 00	1	1	-
30	0000 025 910 00	-	-	1
31	0000 506 681 00	1	1	1
32	0000 501 435 00	0... 1	0... 1	0... 1
33	0000 490 992 00	2	2	2
34	0000 503 731 00	2	2	2
35	0000 490 991 00	1	1	1
36	0000 504 591 00	1	1	1
37	0000 502 814 13	1	1	1
38	0000 491 025 00	1	1	1
39	-----	-	-	-
40	0000 506 562 00	1	1	1
41	-----	-	-	-
42	-----	-	-	-
43	0000 025 127 00	1	1	1
44	0000 039 119 00	0... 1	0... 1	0... 1
44	0000 054 220 00	0... 1	0... 1	0... 1
45	0000 501 585 00	1	1	1
46	0000 506 695 00	0... 4	0... 4	0... 4

Ø 12,3

Ø 10-16

Ø 8 x 3 x 198

Ø 22 - 24,5

21/15

16 x 4 x 690

Shore 70

8,4 DIN 9021 St A3B

M 8 x 12 DIN 933 - 8.8 A3B

M 8 X 20 DIN 912-8.8A3B

10,5 x 55 x 5

10,5 x 25 x 4 DIN 7349 A3B

M10 DIN 934-8 A3B

M 8 x 16 DIN 933-8.8 A3B

8,4 DIN 125-St A3B

CV54

C81

A14 x 18

M 14 x 1,5 DIN 908 A3B

AM22x1,5DIN7604A3B MAGN.

A 22 x 27 DIN 7603-AI

M22 x 1,5 31length

1000mm

2000mm

Ø12,5 x 15 x 21 x 7

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

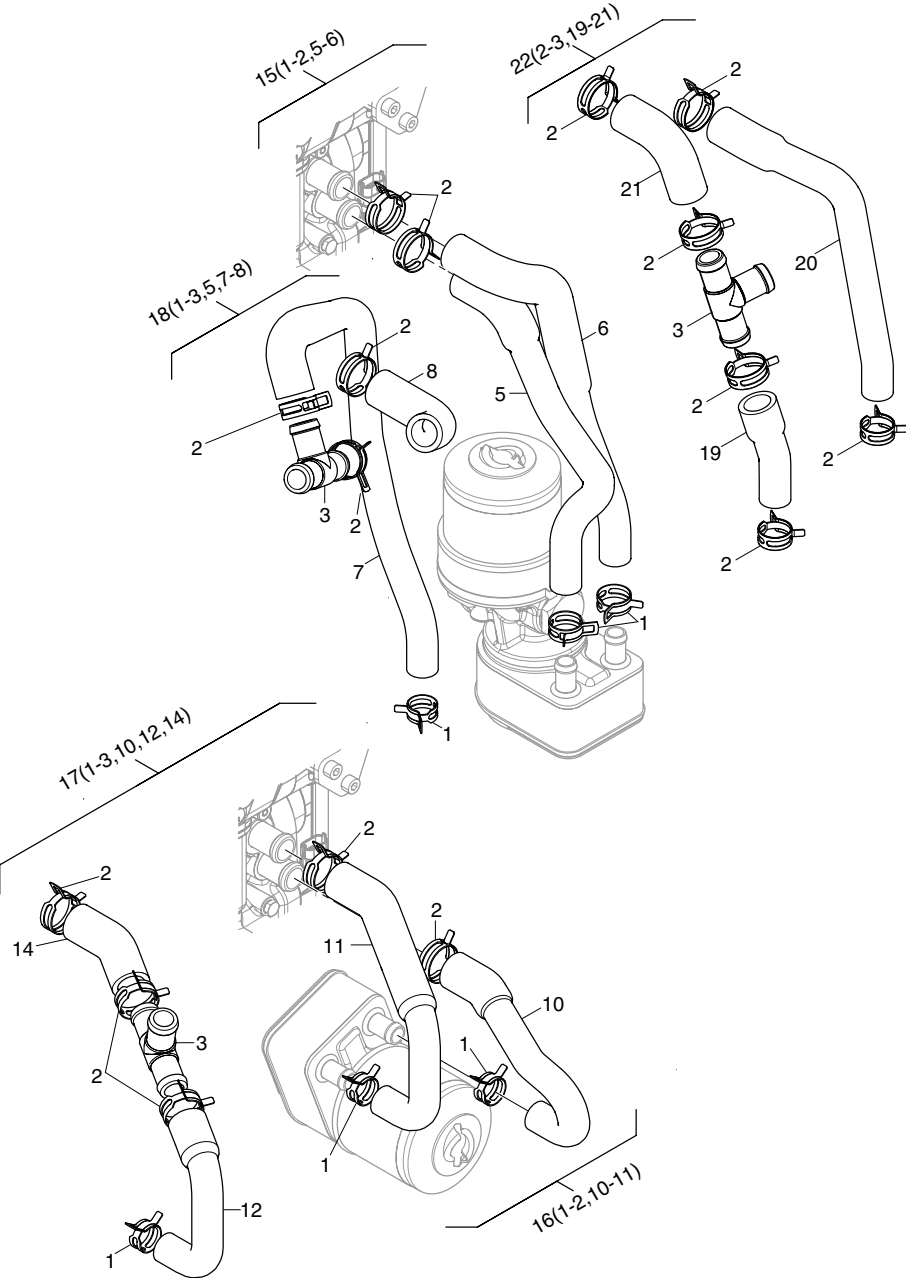


Fig.- No.	HATZ Ident-No.	Qty. Stück	W d / D	Notes Bemerkungen		
		4H50N Serial No. 14712...	4H50NO	4H50N Serial No. 19310...	4H50TI	
1	-----	-	-	-	-	
2	-----	-	-	-	-	
3	0000 043 297 01	1	1	1	1	Ø 22
5	-----	-	-	-	-	
6	-----	-	-	-	-	
7	0000 043 309 00	-	1	1	1	Ø 16 / Ø22
8	0000 043 310 00	-	1	1	1	Ø 22
10	-----	-	-	-	-	
11	-----	-	-	-	-	
12	0000 043 294 10	-	1	1	1	
14	0000 043 295 10	-	1	1	1	
15	0000 021 406 00	-	1	1	1	
16	0000 021 401 00	-	1	1	1	
17	0000 021 402 00	-	1	1	1	
18	0000 021 407 00	-	1	1	1	
19	-----	-	-	-	-	
20	-----	-	-	-	-	
21	-----	-	-	-	-	
22	0000 021 412 00	1	1	1	-	

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

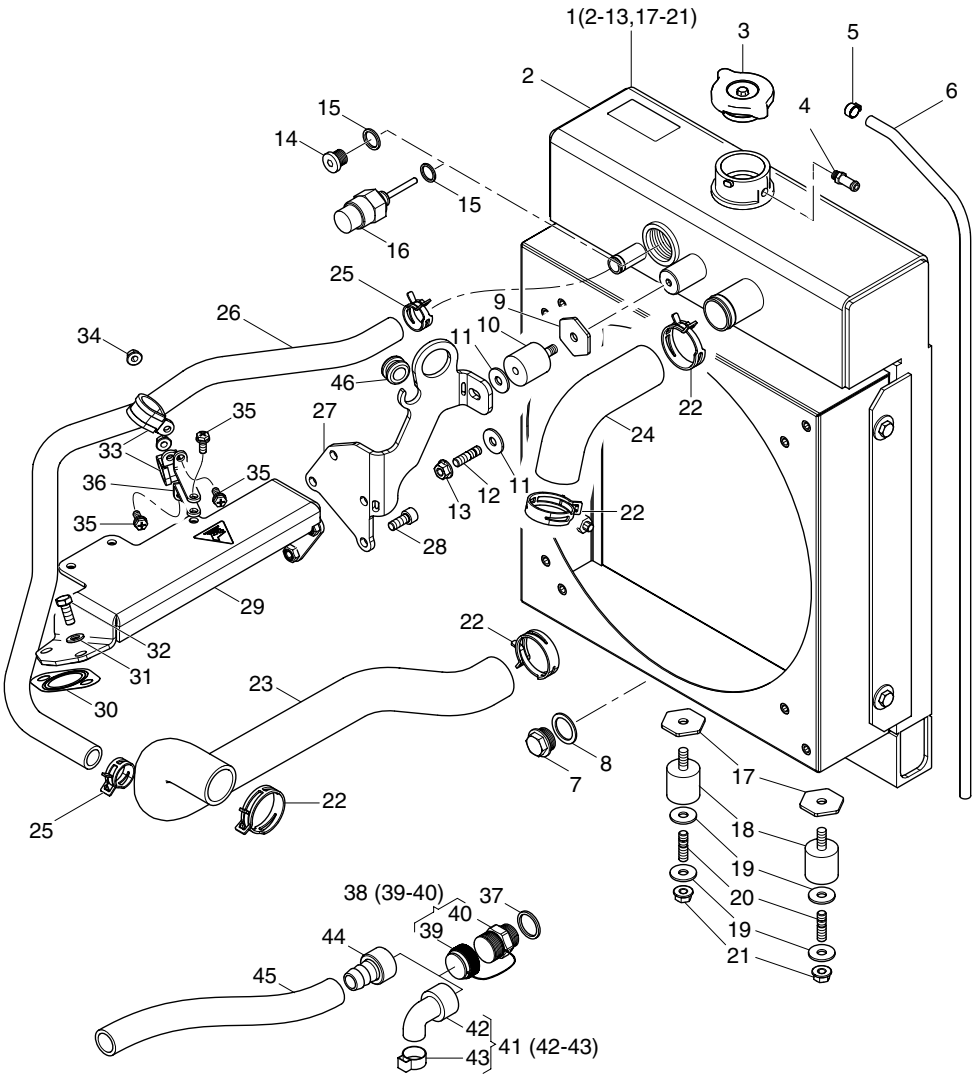


Fig.- No.	HATZ Ident-No.	Qty. Stück		W d / D	Notes Bemerkungen
		4H50N	4H50NO		
1	0000 026 152 01	1	1		
2	-----	-	-		
3	0000 490 990 00	1	1		
4	0000 490 991 00	1	1		
5	0000 505 709 00	1	1		Ø 12,3
6	0000 056 782 00	1	1		
7	0000 503 731 00	1	1		AM22x1,5DIN7604A3B MAGN.
8	0000 490 992 00	1	1		
9	0000 056 781 00	1	1		
10	0000 506 084 00	1	1		Shore 70
11	0000 500 629 00	2	2		8,4 DIN 9021 St A3B
12	0000 506 242 00	1	1		M8 x 22 DIN 938-8.8 A3B
13	0000 506 833 00	1	1		M 8
14	0000 501 435 00	1	1		M 14 x 1,5 DIN 908 A3B
15	0000 506 681 00	1	1		A14 x 18
16	0000 506 559 00	1	1		
17	0000 056 781 00	2	2		
18	0000 506 084 00	2	2		Shore 70
19	0000 500 629 00	4	4		8,4 DIN 9021 St A3B
20	0000 506 242 00	2	2		M8 x 22 DIN 938-8.8 A3B
21	0000 506 833 00	2	2		M 8
22	0000 506 897 00	4	4		
23	0000 021 135 00	1	1		
24	0000 021 136 00	1	1		
25	0000 506 917 00	2	2		
26	0000 021 143 00	1	1		
27	0000 054 829 03	1	1		
28	0000 503 663 00	1	1		M 8 X 20 DIN 912-8.8A3B
29	0000 025 414 10	1	1		
30	0000 042 722 01	1	1		
31	0000 501 481 00	2	2		8,4 DIN 125-St A3B
32	0000 501 354 00	2	2		M 8 x 20 DIN 933-8.8 A3B
33	0000 501 903 10	2	2		21/15
34	0000 506 749 00	2	2		M6 DIN 6927-8 A3B
35	0000 503 356 00	3	3		M 6 x 16 KZ 1-8.8 A3D
36	0000 039 382 00	1	1		
37	0000 504 591 00	1	1		A 22 x 27 DIN 7603-AI
38	0000 502 814 13	1	1		M22 x 1,5 31length
39	0000 491 025 00	-	-		
40	-----	-	-		
41	0000 506 562 00	1	1		
42	-----	-	-		
43	-----	-	-		
44	0000 025 127 00	1	1		
45	0000 039 119 00	1	1		1000mm
46	0000 501 585 00	1	1		Ø12,5 x 15 x 21 x 7

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

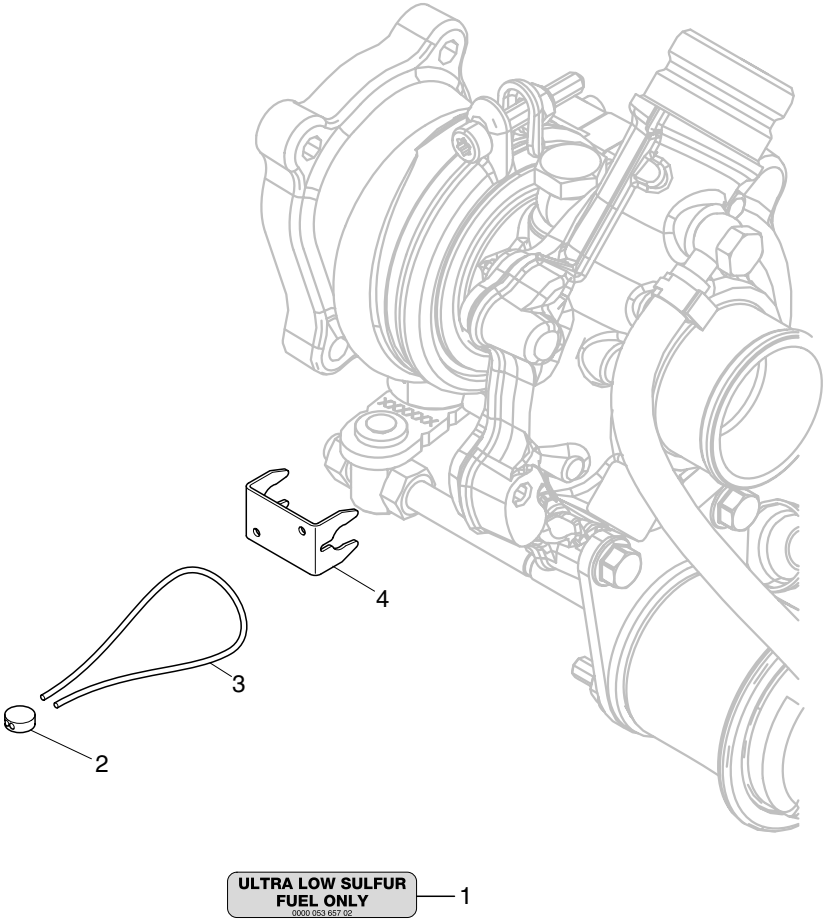


Fig.- No.	HATZ Ident-No.	Qty. Stück		W d / D	Notes Bemerkungen
		4H50TIC	4H50TICD		
1	0000 053 657 02	1	1		
2	0000 400 214 01	1	1		ø8,5 mm ALU 0,5 / 0,3 x 200
3	0000 400 215 00	1	1		
4	0000 043 245 00	1	1		

Serial-code modification list
Serien-Nr.-Änderungen
Modification des Nos de serie
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