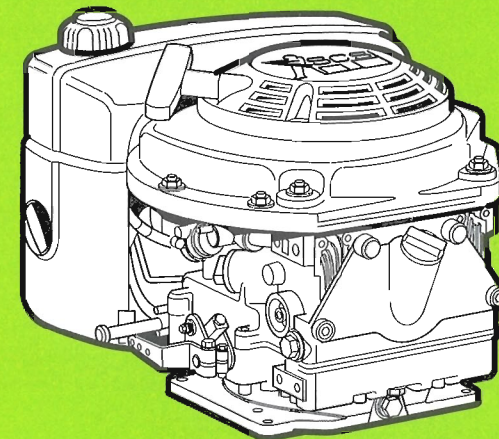
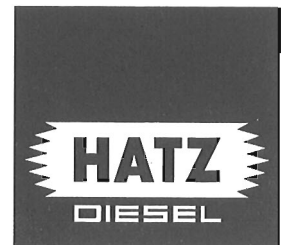




MOTORENFABRIK HATZ · D-94099 RUHSTORF · Germany
Tel.: 0 85 31 / 319-0 · Telefax: 0 85 31 / 31 94 18
eMail: marketing@hatz-diesel.de · <http://www.hatz-diesel.de>

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



1B20V
1B30V

434 800 76-10.01-0.2
Printed in Germany

Bestellung für HATZ-Original-Ersatzteile

Order for HATZ Original spare parts

Commande de pièces d'origine HATZ

Pedido de repuestos originales HATZ

Ordine parti di ricambio originali HATZ

1

Besteller / Customer / Client / Cliente / Cliente

2

TYP

KENNZ.

MOTOR/FABRIK NO.

MIN⁻¹



3

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

1 B 20 V. 15

1 B 30 V. 13

4

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

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

5

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

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

6

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

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

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

MOTORENFABRIK HATZ
D-94099 RUHSTORF

Tel: 0 85 31 / 319 - 0

Fax: 0 85 31 / 31 94 21

| | Inhaltsverzeichnis | Index | |
|-------|---------------------------------|------------------------------------|----|
| 1 .. | Grundmotor | Basic engine | |
| 0 | Ersatzteilsätze | Spare part kits | 01 |
| 4 | Zubehör | Accessories | 02 |
| 1 | Kurbelgehäuse 1 B20 V | Crankcase 1 B20 V | 03 |
| 1 | Kurbelgehäuse 1 B30 V | Crankcase 1 B30 V | 04 |
| 2 | Kurbelwelle | Crankshaft | 05 |
| 4 | Nockenwelle | Camshaft | 06 |
| 5, 06 | Kolben, Pleuel, Zylinder | Piston, conrod, cylinder | 07 |
| 7 | Zylinderkopf | Cylinder head | 08 |
| 0, 32 | Ölpumpe, Regler | Oil pump, governor | |
| | Drehzahlverstellung | speed control | 09 |
| 1 | Steuerdeckel | Timing cover | 10 |
| 3,17 | Gebälse, Schwungrad | Blower, flywheel | 11 |
| 4 | Einspritzausrüstung | Injection equipment | 12 |
| 5 | Reversierstarter | Recoil starter | 13 |
| 6 | Luffführung 1 B20 V | Air ducting 1 B20 V | 14 |
| 6 | Luffführung 1 B30 V | Air ducting 1 B30 V | 15 |
| 1 | Kurbelgehäuseentlüftung 1 B20 V | Crankcase breathing system 1 B20 V | 16 |
| 1 | Kurbelgehäuseentlüftung 1 B30 V | Crankcase breathing system 1 B30 V | 17 |
| .. | Zusatzausrüstung | Equipments | |
| 1 | Kraftstoffbehälter | Fuel tank | 18 |
| 2 | Lufffilter | Air filter | 19 |
| 3 | Abgasdämpfer 1 B20 V | Exhaust silencer 1 B20 V | 20 |
| 3 | Abgasdämpfer 1 B30 V | Exhaust silencer 1 B30 V | 21 |
| 5 | Starter, Generator, | Starter, alternator, | 22 |
| 5, 10 | Armaturen, Leitungen | Electric equipment, wirings | 23 |
| 9 | Drehzahlverstellung-Bowdenzug | Speed control-Bowden cable | 24 |
| 8 | Anbauteile Hydraulikpumpe | Mount. parts hydr. pump | 25 |
| 0 | Motorausrüstung EPA | Spec. equipment EPA | 26 |

| Sommaire: | | Indice | |
|------------------|--|--|----|
| M .. | Moteur de base | Motor de base | |
| 00 | Jeu de pièces de rechange | Juegos de piezas de recambios | 01 |
| 34 | Accessoires | Accesorios | 02 |
| 01 | Carter moteur 1 B20 V | Caja cigueñal 1 B20 V | 03 |
| 01 | Carter moteur 1 B30 V | Caja cigueñal 1 B30 V | 04 |
| 02 | Vilebrequin | Cigüeñal | 05 |
| 04 | Arbre à cames | Arbol de levas | 06 |
| 05, 06 | Piston, bielle, cylindre | Émbolo, biela, cilindro | 07 |
| 07 | Culasse | Culata | 08 |
| 10, 32 | Pompe à huile, regulateur regime, réglage regime | Bomba de aceite, regulador, ajuste de revoluciones | 09 |
| 11 | Couvercle distribution | Tapa de mando | 10 |
| 13, 17 | Soufflerie, volant | Ventilador, volante | 11 |
| 14 | Equipment d'injection | Equipo de inyección | 12 |
| 15 | Demarreur reversible | Arrancador reversible | 13 |
| 26 | Carter ventilation 1 B20 V | Conducción de aire 1 B20 V | 14 |
| 26 | Carter ventilation 1 B30 V | Conducción de aire 1 B30 V | 15 |
| 31 | Reniflard 1 B20 V | Purgador 1 B20 V | 16 |
| 31 | Reniflard 1 B30 V | Purgador 1 B30 V | 17 |
| A .. | Accessoires | Equipos | |
| 01 | Reservoir à carburant | Depósito combustible | 18 |
| 02 | Filtre à air | Filtro de aire | 19 |
| 03 | Silencieux 1 B20 V | Silenciador 1 B20 V | 20 |
| 03 | Silencieux 1 B30 V | Silenciador 1 B30 V | 21 |
| 05 | Demarreur, alternateur | Arrancador, alternador | 22 |
| 05, 10 | Equipement électrique, cable | Equipo eléctrico, cables | 23 |
| 09 | Reglage régime bowden | Ajuste de velocidad bowden | 24 |
| 18 | Pièces mont.-pompe hydr. | Piezas mont. bomba hidr. | 25 |
| 90 | Equipm. spec. EPA | Equipo espec. EPA | 26 |

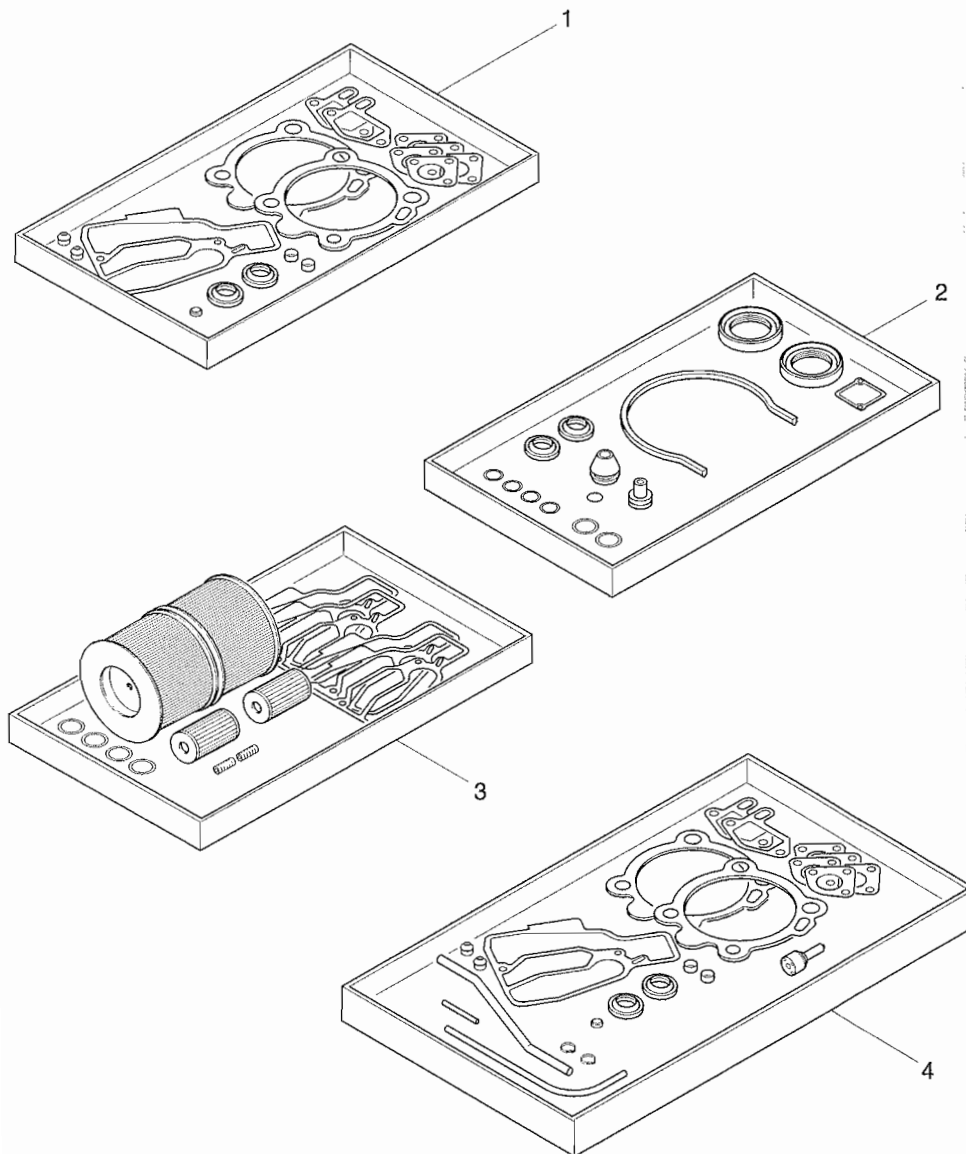
| | | |
|-------|---|----|
| .. | Motore de base | |
| 0 | Serie guarnizioni | 01 |
| 4 | Kit accessori | 02 |
| 1 | Basamento motore 1 B20 V | 03 |
| 1 | Basamento motore 1 B30 V | 04 |
| 2 | Albero a gomito | 05 |
| 4 | Albero a camme | 06 |
| 5, 06 | Pistone, biella, cilindro | 07 |
| 7 | Testa | 08 |
| 0, 32 | Pompa olio, regolatore di giri, Comando acceleratore | 09 |
| 1 | Coperchio distribuzione | 10 |
| 3, 17 | Ventilatore, volano | 11 |
| 4 | Equipaggiamento di iniezione | 12 |
| 5 | Avviamento a strappo | 13 |
| 6 | Carter ventilatore 1 B 20 V | 14 |
| 6 | Carter ventilatore 1 B 30 V | 15 |
| 1 | Sfiato basamento 1 B 20 V | 16 |
| 1 | Sfiato basamento 1 B 30 V | 17 |
| .. | Accessori | |
| 1 | Serbatoio | 18 |
| 2 | Filtro aria | 19 |
| 3 | Scarico 1 B20 V | 20 |
| 3 | Scarico 1 B30 V | 21 |
| 5 | Motorino avviamento, alternatore, | 22 |
| 5, 10 | Equipaggiam. elettrico, cablaggio | 23 |
| 9 | Comando acceleratore bowden | 24 |
| 3 | Particorari per montaggio pompa idraulica | 25 |
| 0 | Kit trasformazione EPA | 26 |

M 00

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

Tafel Nr
Tabl. Ne
Tavola I

01



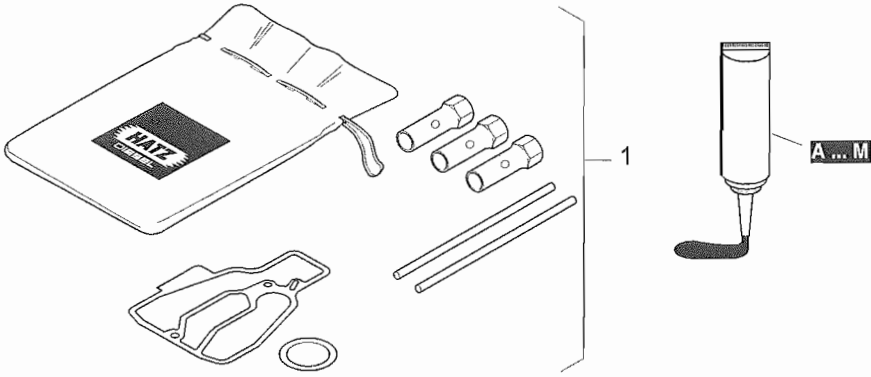
| Fig.-No. | HATZ Ident-No. | Stück Qty. | P / W d / D | Bemerkungen Notes |
|----------|---|---------------|----------------|--|
| | | 1B20V 1B30V | | |
| V: | Im Wartungssatz enthalten. Incl. in maintenance kit. Contenu dans le jeu d'entretien. Incluido en el juego de mantenimiento. Contenuto nella serie manutenzione. | | | P: Im Pannensatz enthalten. Incl. in emergency kit. Contenu dans le jeu secour. Incluido en el juego para averias. Contenuto nella serie di prima necessità. |
| : | Im Dichtungssatz f. 1 Zyl.-Kopf enthalten. Incl. in gasket set f. 1 cyl. head. Contenu dans le jeu de joint p. 1 culasse. Incluido en el juego de juntas p. 1 culata. Contenuto nella serie guarnizioni p. 1 testa. | | | D: Im Dichtungssatz Kurbelgeh. Incl. in gasket set crankcase. Contenu dans le jeu de joints carter moteur. Incluido en el juego de juntas caja cigueñal. Contenuto nella serie guarnizioni basamento. |
| | | | | 1: Anzahl pro Satz - Qty. per kit Quantite p. jeu - Cantidad p. juego. Quantità per serie |
| | 015 541 00 | 1 - | P 1 | Dichtungssatz für 1 Zylinderkopf |
| | 015 822 00 | - 1 | P 1 | Gasket set for 1 cyl. head Jeu de joint p. 1 culasse Juego de juntas para 1 culata Serie guarniziono per 1 testa |
| | 017 095 00 | 1 - | | Dichtungssatz für Kurbelgehäuse |
| | 017 097 00 | - 1 | | Gasket set for crankcase Jeu de joints p. carter moteur Juego de juntas para caja cigueñal Serie guarnizioni basamento |
| | 017 096 00 | 1 - | | Wartungssatz für 1000 h |
| | 017 098 00 | - 1 | | 1000 hours maintenance kit Kit d'entretien 1000 heures - Juego de piezas para servicio 1000 horas Kit di manutenzione a 1000 ore |
| | 015 544 10 | 1 - | | Pannensatz - Emergency kit |
| | 015 825 00 | - 1 | | Kit de secours - Juego para averias Kit di prima necessità |

M 34

Zubehör
Accessoires
Accessoires
Accessoires
Kit accessori

Tafel Nr.
Tabl. No
Tavola N

02



HATZ DIESEL

WARTUNG - MANUTENZIONE
ENTRETIEN - MANUTENIMENTO
MANUTENZIONE

8-15 250
STUNDEN - HEURES - HEURES
HORAS - HRS

500

BEI BEDARF
IF NECESSARY
SI NECESSAIRE
EN CAS DE
NECESSAIRE
SE NECESSARIA

IN 0.1 mm
0.004 *

051 104 01

1B20

| OIL GRADE | |
|-----------|------------|
| SW/FR | SAE 15W-40 |
| SW/FR | SAE 10W-40 |
| LOW/AC | SAE 15W-40 |
| LOW/AC | SAE 10W-40 |
| LOW/AC | SAE 5W-40 |
| LOW/AC | SAE 5W-30 |
| LOW/AC | SAE 5W-20 |
| LOW/AC | SAE 5W-10 |

COMPR.

①

②

START

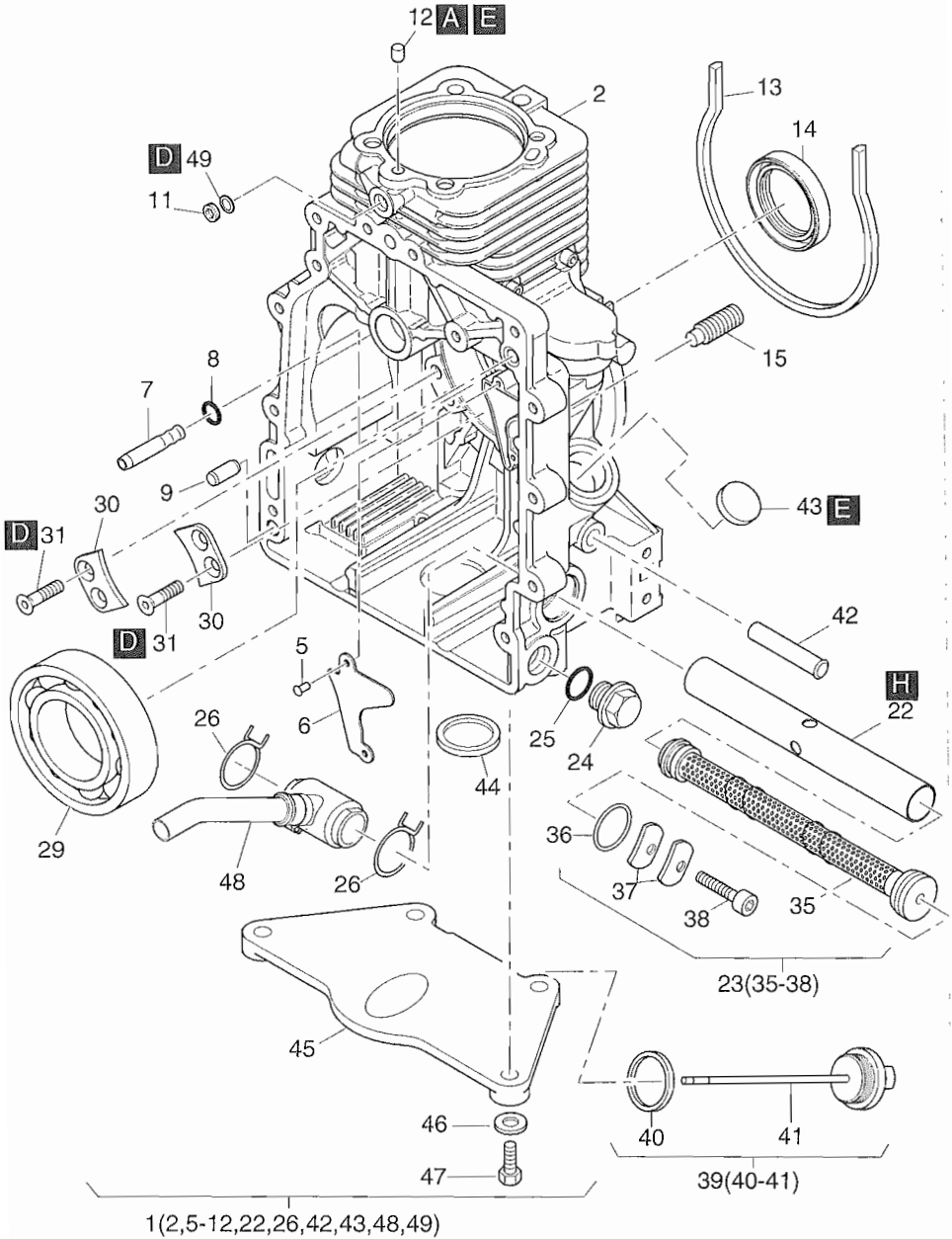
③

051 300 00



| Fig.-No. | HATZ Ident-No. | Stück Qty. | P / W d / D | Bemerkungen Notes |
|----------|-------------------|---------------|----------------|--|
| | | 1B20V | 1B30V | |
| 1 | 013 310 01 | 1 | - | Zubehörsatz - Accessoires kit |
| 1 | 015 787 00 | - | 1 | Sort. accessoires Juego de accesorios Serie accessorie |
| 2 | 051 104 01 | 1 | - | 160 x 67 mm |
| 2 | 051 201 00 | - | 1 | |
| 3 | 051 300 00 | 1 | 1 | |
| 4 | 051 301 00 | 1 | 1 | |

| Dicht- und Klebstoffe Sealing- and bonding adhesives Etanchéifiant et Colle | | | Materias para empaquetar y pegar Adesivi e collanti | |
|---|------------|---------------------|--|---|
| = | 502 230 01 | Loctite Activator N | 500 ml | } siehe Hinweis auf den einzelnen Bildtafeln } as specified in the individual tables } suivant les remarques sur les tableau correspondant } según las indicaciones de las tablas correspondientes } seguire le indicazioni sul quadro corrispondente |
| = | 502 231 00 | Loctite 573 | 50 ml | |
| = | 502 232 00 | Loctite 601 | 50 ml | |
| = | 502 233 00 | Loctite 221 | 50 ml | |
| = | 502 234 00 | Loctite 648 | 10 ml | |
| = | 502 238 00 | Technicoll 8058 | 0,75 kg | |
| + | 502 239 00 | Technicoll 8367 | 0,75 kg | |
| = | 502 565 01 | Loctite IS 407 | 20 g | |
| = | 502 825 01 | Silicon | 30 ml | |
| = | 502 830 03 | Hochtemp. Paste | 100 ml | |
| = | 503 426 00 | Hochtemp. Fett | 100 g | |
| = | 502 566 00 | Silicon sealer | 100 g | |
| = | 504 851 00 | Schleifpaste | 80 g | |



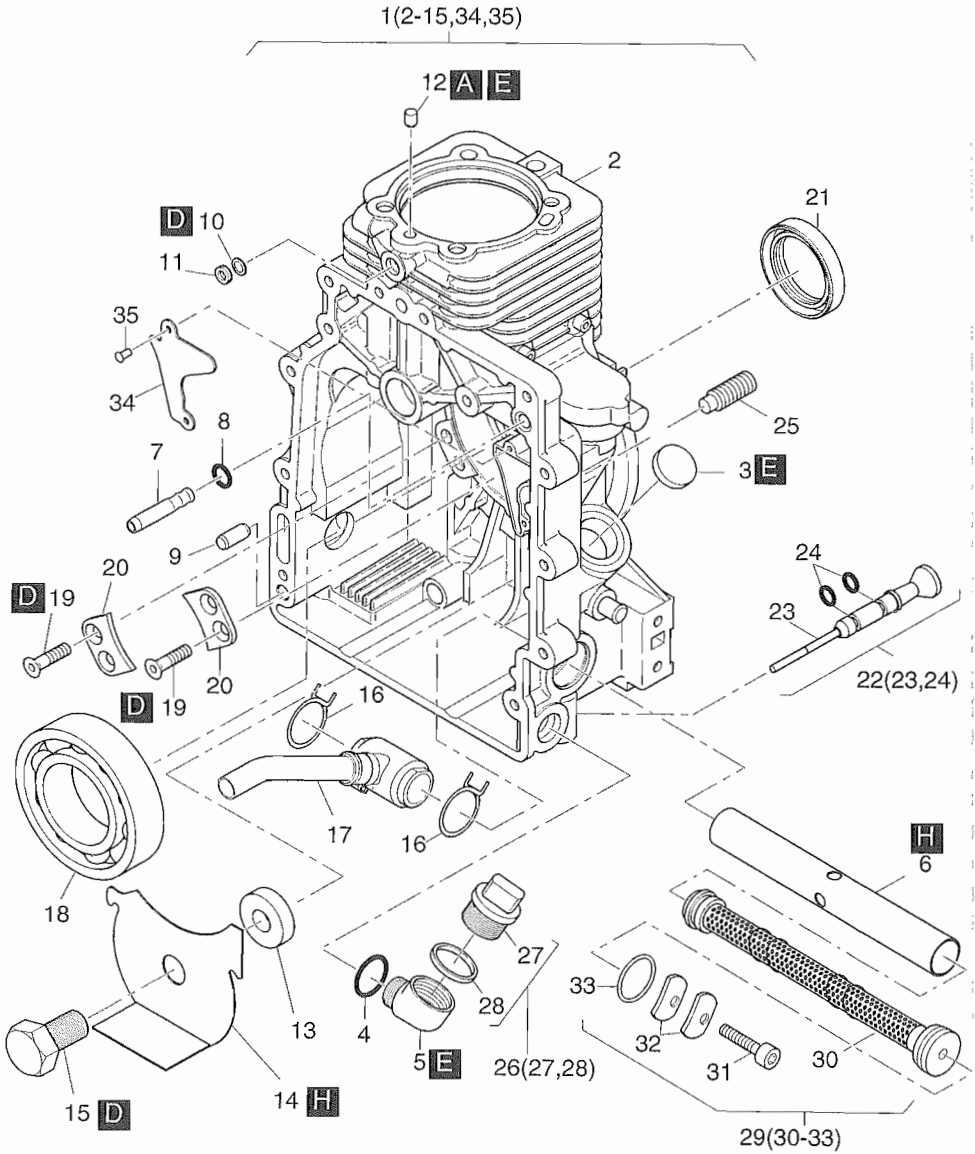
| Fig.-No. | HATZ Ident.-No. | Stück Qty. | P / W d / D | Bemerkungen Notes |
|----------|--------------------|---------------|----------------|-------------------------------------|
| | | | | 1B20V |
| 1 | 016 250 10 | 1 | | |
| 2 | ----- | - | | |
| 5 | 400 026 00 | 2 | | 3,2 |
| 6 | 041 054 00 | 1 | | |
| 7 | 050 843 00 | 1 | | |
| 8 | 504 403 00 | 1 | D1 | 8 x 1,5 |
| 9 | 502 491 01 | 1 | | 8 m 6 x 20 |
| 10 | ----- | - | | |
| 11 | 500 623 00 | 1 | | M 10 x 1 DIN 908-5.8 A3C |
| 12 | ----- | - | | |
| 13 | 040 980 00 | 1 | D1 | 318 mm |
| 14 | 504 232 00 | 1 | D1 | 40 x 55 x 10 AS |
| 15 | 041 506 00 | 1 | | |
| 22 | 041 057 10 | 1 | | |
| 23 | 015 427 02 | 1 | | |
| 24 | 503 731 00 | 1 | W1 | AM 22 x 1,5 MAGN. |
| 25 | 504 698 00 | 1 | D2, W4 | A 22 x 27 DIN 7603 - Vf |
| 26 | 050 369 00 | 2 | | |
| 29 | 504 233 00 | 1 | | |
| 30 | 040 944 00 | 2 | | |
| 31 | 503 280 00 | 4 | | AM 6 x 16 17065-8.8 Zn |
| 35 | ----- | - | | |
| 36 | 504 759 01 | 1 | | 20 x 4 |
| 37 | 051 482 00 | 2 | | |
| 38 | 501 707 00 | 1 | | M 6 x 16 DIN 912-8.8 A3C |
| 39 | 013 392 00 | 1 | | |
| 40 | 041 250 00 | 1 | D1 | 26 x 35 x 3 |
| 41 | ----- | - | | |
| 42 | ----- | - | | |
| 43 | ----- | - | | |
| 44 | 503 292 00 | 1 | D1 | 50 x 55 x 3 |
| 45 | 051 444 00 | 1 | | |
| 46 | 501 157 00 | 4 | | 8,4 DIN 433-St 140 HV |
| 47 | 503 663 00 | 4 | | M 8 x 20 DIN 912-8.8 A3C |
| 48 | 013 398 00 | 1 | | |
| 49 | 500 624 00 | 1 | | A 10 x 13,5 DIN 7603-Cu |

M 01

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

Tafel Nr.
Tabl. No
Tavola N

04



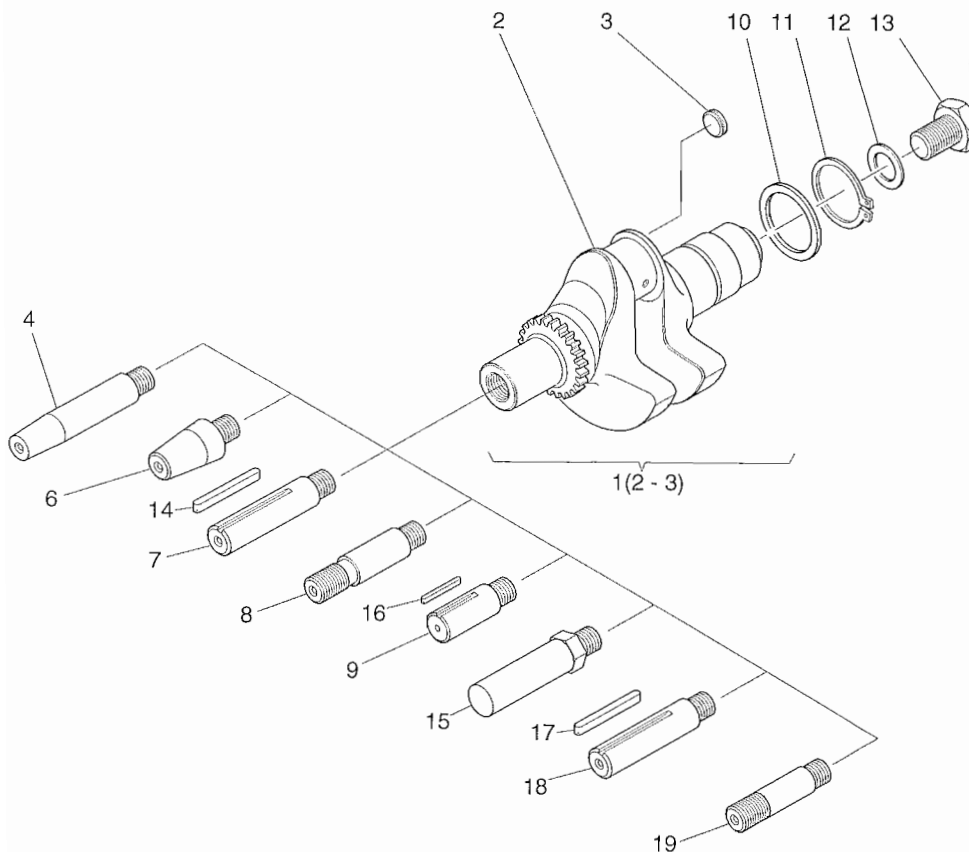
| Fig.-No. | HATZ Ident-No. | Stück Qty. | P / W d / D | Bemerkungen Notes |
|----------|-------------------|---------------|----------------|-------------------------------|
| | | 1B30V | | |
| 1 | 017 063 00 | 1 | | |
| 2 | ----- | - | | |
| 3 | ----- | - | | |
| 4 | 504 759 01 | 1 | D1 | 20 x 4 |
| 5 | ----- | - | | |
| 6 | 041 057 10 | 1 | | |
| 7 | 050 843 00 | 1 | | |
| 8 | 504 403 00 | 1 | D1 | 8 x 1,5 |
| 9 | 502 491 01 | 1 | | 8 m 6 x 20 |
| 0 | 500 624 00 | 1 | | A 10 x 13,5 DIN 7603 - Cu |
| 1 | 500 623 00 | 1 | | M 10 x 1 DIN 908 - 5.8 A3C |
| 2 | ----- | - | | |
| 3 | 041 655 00 | 1 | | |
| 4 | 041 656 00 | 1 | | |
| 5 | 505 034 00 | 1 | | M 16 x 1,5 x 25 DIN 961 - 8.8 |
| 6 | 050 369 00 | 2 | | |
| 7 | 013 398 00 | 1 | | |
| 8 | 504 497 00 | 1 | | |
| 9 | 503 280 00 | 4 | | AM 6 x 16 17065 - 8.8 Zn |
| 0 | 040 944 00 | 2 | | |
| 1 | 504 498 00 | 1 | D1 | 42 x 55 x 10 AS |
| 2 | 013 505 00 | 1 | | |
| 3 | ----- | - | | |
| 4 | 400 220 00 | 2 | D1 | 5 x 2 |
| 5 | 041 152 00 | 1 | | |
| 6 | 016 131 00 | 1 | | |
| 7 | ----- | - | | |
| 8 | 041 250 00 | 1 | D1 | 26 x 35 x 3 |
| 9 | 015 427 02 | 1 | | |
| 0 | ----- | - | | |
| 1 | 501 707 00 | 1 | | M 6 x 16 DIN 912 - 8.8 A3C |
| 2 | 051 482 00 | 2 | | |
| 3 | 504 759 01 | 1 | W1,D1 | 20 x 4 |
| 4 | 013 331 00 | 1 | | |
| 5 | 400 026 00 | 2 | | 3,2 |

M 02

Kurbelwelle
Crankshaft
Vilebrequin
Cigueñal
Albero a gomito

Tafel Nr
Tabl. No
Tavola N

05



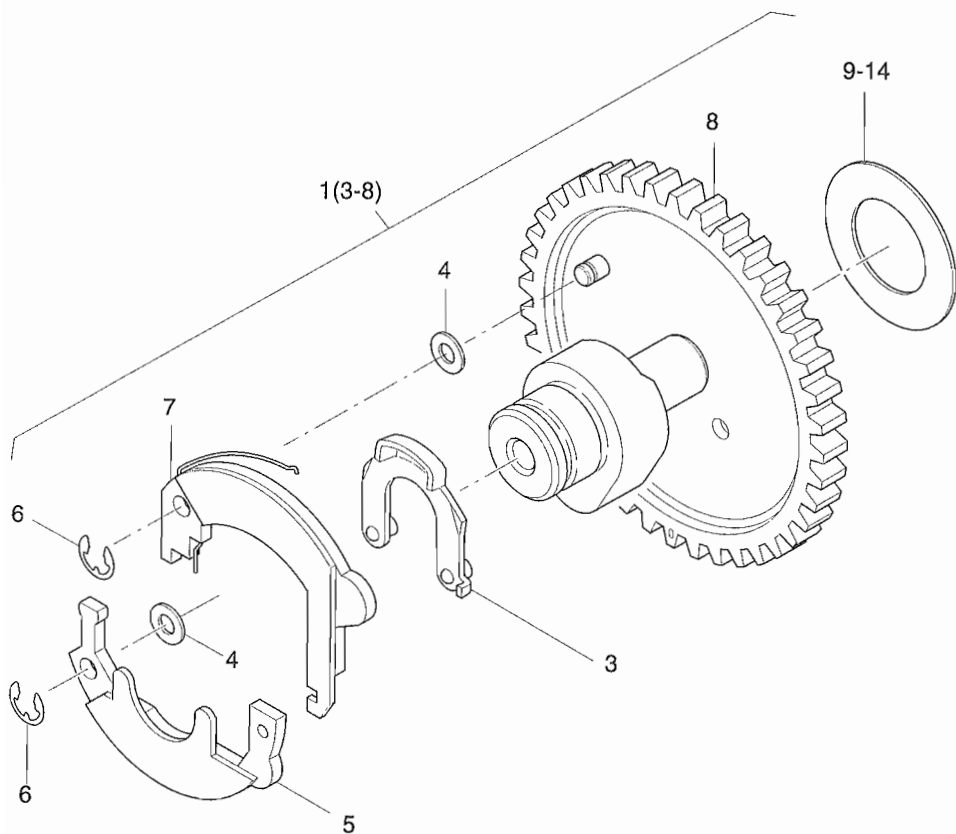
| Fig.-No. | HATZ Ident.-No. | Stück Qty. | P / W d / D | Bemerkungen Notes |
|----------|--------------------|---------------|----------------|--------------------------------|
| | | 1B20V | 1B30V | |
| 1 | 013 403 00 | 1 | - | 1 B 20 V „X“ |
| 1 | 013 612 00 | - | 1 | 1 B 30 V „X“ |
| 2 | ----- | - | - | |
| 3 | 041 253 00 | 1 | 1 | |
| 4 | 050 996 00 | 1 | - | Nr. 4 SAE Generator Ø 19,8 mm |
| 4 | 051 274 01 | - | 1 | Nr. 4 SAE Generator Ø 7/8 " |
| 5 | ----- | - | - | |
| 6 | 050 997 00 | 1 | 1 | Nr. 6 ital. 23 keg., con. |
| 6 | 051 427 00 | - | 1 | keg., con. Ø 25 f. Gen. |
| 7 | 050 998 00 | 1 | - | Nr. 7 Ø 3/4" zyl., cil. |
| 7 | 051 276 10 | - | 1 | Nr. 2 Ø 1" zyl., cil. |
| 8 | 050 999 00 | 1 | - | Nr. 8 SAE 3/4 - 16 UNF |
| 8 | 051 277 20 | - | 1 | Nr. 1 - SAE Ø 1" - 14 UNS 2A |
| 9 | 051 000 00 | 1 | - | Ø 20 zyl., cil. |
| 9 | 051 278 01 | - | 1 | Ø 25 zyl., cil. |
| 0 | 400 325 00 | 1 | - | 40 x 50 x 2,5 DIN 988 |
| 0 | 400 656 00 | - | 1 | 45 x 55 x 3,0 |
| 1 | 501 206 00 | 1 | - | A 40 x 1,75 DIN 471 |
| 1 | 500 216 00 | - | 1 | A 45 x 1,75 DIN 471 |
| 2 | 041 142 01 | 1 | 1 | 18,5 x 37 x 5 |
| 3 | 504 436 00 | 1 | 1 | M 18 x 1,5 x 55 DIN 961-10.9 |
| 4 | 041 204 00 | 1 | - | 4,75 x 30 |
| 4 | 051 416 00 | - | 1 | A 6,35 x 61 |
| 5 | 051 073 01 | 1 | 1 | SW 27 mm, Ø 26,8 |
| 6 | 504 634 00 | 1 | - | A 5 x 5 x 36 DIN 6885 |
| 6 | 504 737 00 | - | 1 | 7 x 8 x 45 DIN 6885 |
| 7 | 504 634 00 | 1 | 1 | A 5 x 5 x 36 DIN 6885 |
| 8 | 041 525 00 | 1 | 1 | Ø 22,2 zyl., cil. |
| 9 | 052 322 00 | 1 | 1 | Ø 5/8" - 18 UNF |

M 04

Nockenwelle
Camshaft
Arbre à cames
Arbol de levas
Albero a camme

Tafel Nr
Tabl. No
Tavola N

06



| Fig.-No. | HATZ | Stück | | P / W d / D | Bemerkungen | |
|----------|------------|-------|-------|----------------|--------------|---------------|
| | Ident-No. | Qty. | Qty. | | Notes | |
| | | 1B20V | 1B30V | | | |
| 1 | 013 650 00 | 1 | 1 | | | |
| 2 | ----- | - | - | | | |
| 3 | 013 264 00 | 1 | 1 | | | |
| 4 | 501 232 00 | 2 | 2 | | 5 x 10 x 0,5 | DIN 988 |
| 5 | 013 266 00 | 1 | 1 | | | |
| 6 | 502 553 00 | 2 | 2 | | 3,2 | DIN 6799 |
| 7 | 013 649 00 | 1 | 1 | | | |
| 8 | 017 224 00 | 1 | 1 | | E - Start | |
| 9 | 041 217 00 | 0...1 | 0...1 | | 0,9 mm | 23 x 38 x 0,9 |
| 0 | 041 121 00 | 0...1 | 0...1 | | 1,0 mm | 23 x 38 x 1,0 |
| 1 | 041 122 00 | 0...1 | 0...1 | | 1,1 mm | 23 x 38 x 1,1 |
| 2 | 041 123 00 | 0...1 | 0...1 | | 1,2 mm | 23 x 38 x 1,2 |
| 3 | 041 251 00 | 0...1 | 0...1 | | 1,3 mm | 23 x 38 x 1,3 |
| 4 | 041 252 00 | 0...1 | 0...1 | | 1,4 mm | 23 x 38 x 1,4 |

M 05

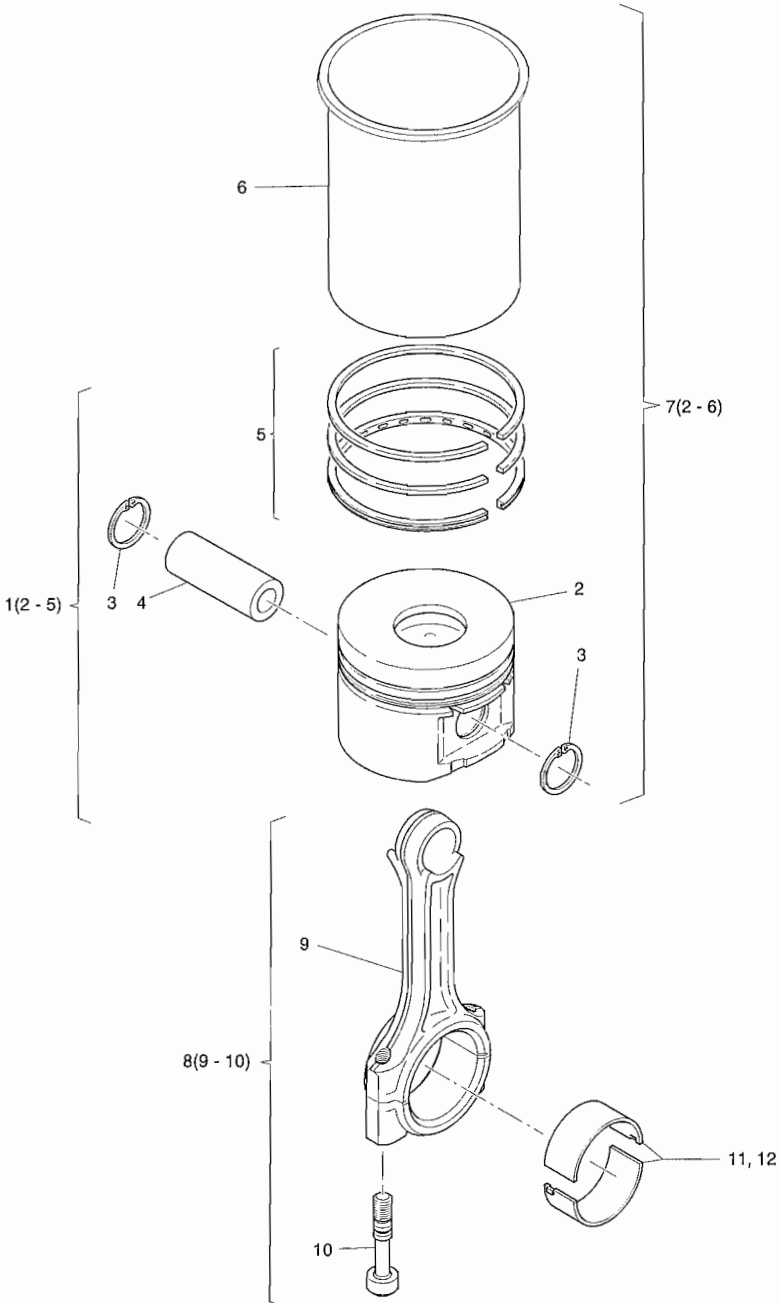
Kolben, Pleuel
Piston, Conrod
Piston, bielle
Embolo, biela
Pistone, biella

M 06

Zylinder
Cylinder
Cylindre
Cilindro
Cilindro

Tafel Nr
Tabl. No
Tavola N

07



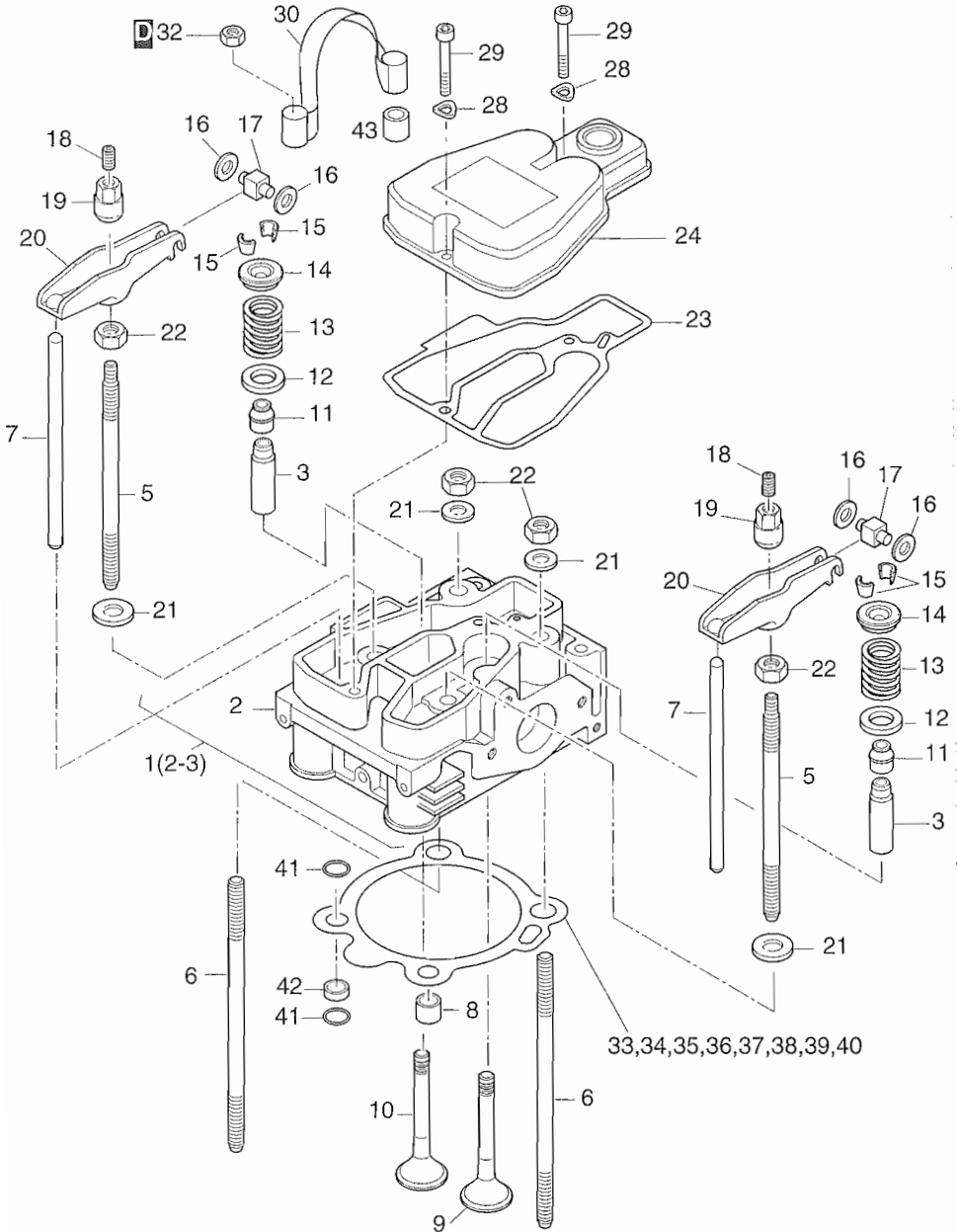
| Fig.-No. | HATZ Ident-No. | Stück Qty. | P / W d / D | Bemerkungen Notes |
|----------|-------------------|---------------|----------------|----------------------|
| | | 1B20V | 1B30V | |
| 1 | 013 498 00 | 1 | - | 69 mm |
| 1 | 013 285 03 | - | 1 | 80 mm |
| 2 | ----- | - | - | |
| 3 | 504 255 00 | 2 | - | |
| 3 | 504 640 00 | - | 2 | |
| 4 | ----- | - | - | |
| 5 | 013 172 00 | 1 | - | |
| 5 | 013 286 02 | - | 1 | |
| 6 | ----- | - | - | |
| 7 | 015 545 10 | 1 | - | |
| 7 | 015 826 00 | - | 1 | |
| 8 | 015 001 00 | 1 | - | |
| 8 | 013 292 01 | - | 1 | |
| 9 | ----- | - | - | |
| 10 | 050 469 00 | 2 | - | |
| 10 | 041 131 00 | - | 2 | |
| 11 | 015 757 00 | 1 | - | |
| 11 | 015 821 00 | - | 1 | |
| 12 | 015 819 00 | 1 | - | -0,5 mm |
| 12 | 015 820 00 | - | 1 | -0,5 mm |

M 07

Zylinderkopf
Cylinder head
Culasse
Culata
Testa

Tafel Nr.
Tabl. No:
Tavola N

08



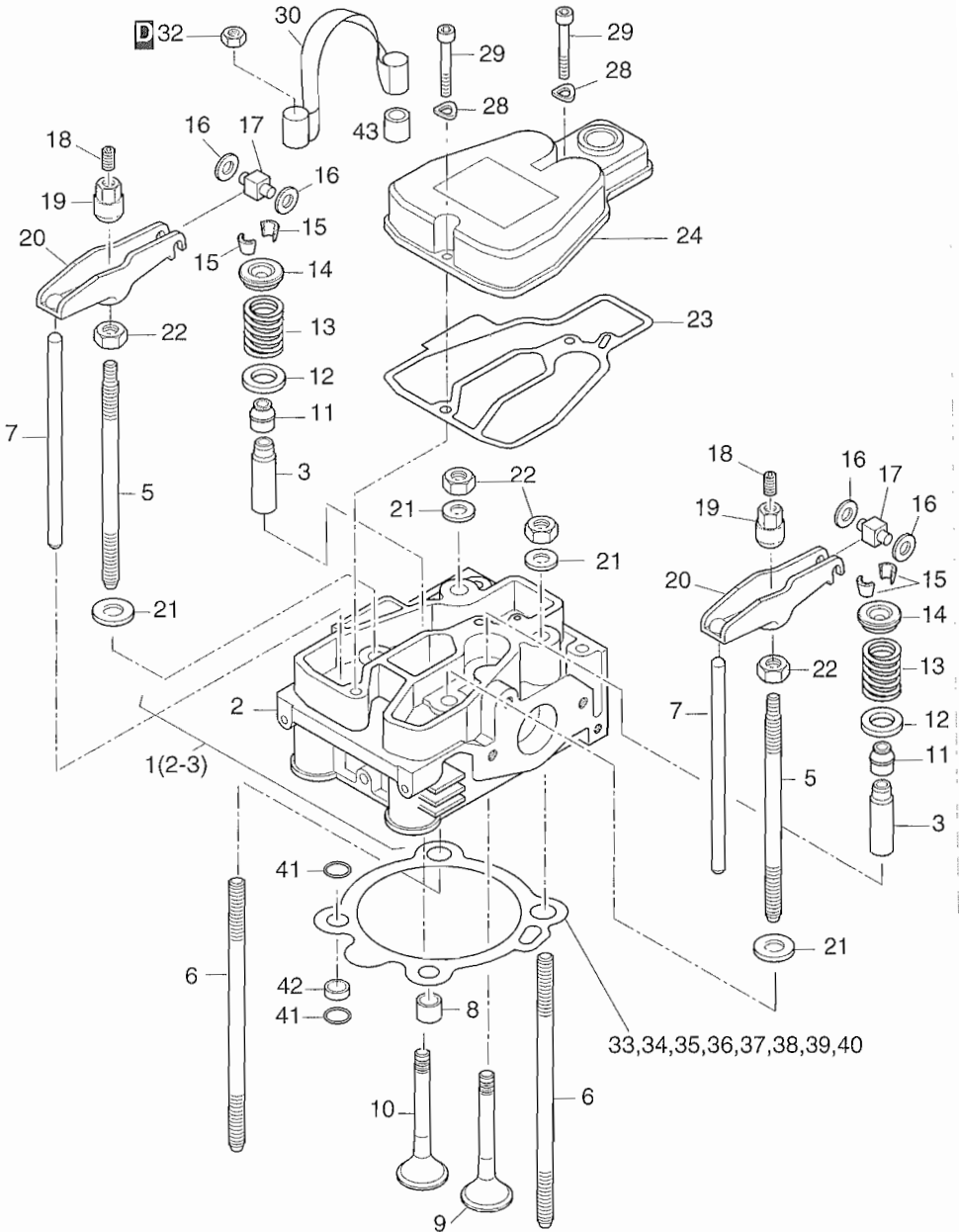
| Fig.-No. | HATZ Ident-No. | Stück Qty. | P / W d / D | Bemerkungen Notes |
|----------|-------------------|---------------|----------------|--------------------------------------|
| | | 1B20V | 1B30V | |
| 1 | 015 002 40 | 1 | - | |
| 1 | 015 298 10 | - | 1 | |
| 2 | ----- | - | - | |
| 3 | 051 194 00 | 2 | - | |
| 3 | 051 295 00 | - | 2 | |
| 5 | 050 975 00 | - | 2 | 141 mm (M 10 - M 8) |
| 6 | 050 625 00 | 4 | - | 128 mm (M 8) |
| 6 | 050 974 00 | - | 2 | 148 mm (M 10) |
| 7 | 050 540 00 | 2 | - | |
| 7 | 050 989 00 | - | 2 | 174,8 mm |
| 8 | 041 075 00 | 2 | - | d2 |
| 9 | 050 532 00 | 1 | - | |
| 9 | 050 930 00 | - | 1 | |
| 10 | 050 533 00 | 1 | - | |
| 10 | 050 931 00 | - | 1 | |
| 11 | 504 258 00 | 2 | 2 | d2 |
| 12 | 040 937 00 | 2 | 2 | |
| 13 | 040 936 00 | 2 | - | |
| 13 | 041 135 00 | - | 2 | |
| 14 | 040 938 00 | 2 | 2 | |
| 15 | 504 257 00 | 2 | 2 | |
| 16 | 504 451 00 | 4 | 4 | 6 x 12 x 1,2 DIN 988 |
| 17 | 050 911 01 | 2 | 2 | |
| 18 | 505 131 00 | 2 | 2 | W2 M 8 x 10 DIN 916 - 45 H |
| 19 | 050 547 00 | 2 | 2 | |
| 20 | 050 509 00 | 2 | - | |
| 20 | 050 982 01 | - | 2 | |
| 21 | 050 612 01 | 4 | - | 8,1 x 20 x 3 |
| 21 | 050 993 00 | - | 4 | 10,1 x 24 x 3 |
| 22 | 503 643 00 | 4 | - | M 8 DIN 934 - 10.9 A3C |
| 22 | 503 966 00 | - | 4 | M 10 DIN 934 - 10 A3C |

M 07

Zylinderkopf
Cylinder head
Culasse
Culata
Testa

Tafel Nr.
Tabl. No
Tavola N

08



| Fig.-No. | HATZ Ident-No. | Stück Qty. | P / W d / D | Bemerkungen Notes |
|----------|-------------------|---------------|----------------|-------------------------------|
| | | 1B20V | 1B30V | |
| 23 | 050 557 00 | 1 | - | d1, W4 |
| 23 | 050 933 01 | - | 1 | d1, W4 |
| 24 | 050 473 20 | 1 | - | |
| 24 | 050 927 10 | - | 1 | |
| 28 | 500 812 00 | 2 | 2 | A6 DIN 137 - A3C |
| 29 | 503 749 00 | 2 | 2 | M 6 x 35 DIN 912 - 8.8 A3C |
| 30 | 041 176 00 | 1 | - | |
| 30 | 041 177 01 | - | 1 | |
| 32 | 501 295 00 | 2 | - | M 8 DIN 985 - A3C |
| 32 | 500 238 00 | - | 2 | BM 10 DIN 439 - A3C |
| 33 | 050 594 00 | 0...1 | - | 0,3 mm |
| 33 | 050 963 01 | - | 0...1 | 0,3 mm |
| 34 | 050 595 00 | 0...1 | - | 0,4 mm |
| 34 | 050 964 01 | - | 0...1 | 0,4 mm |
| 35 | 050 596 00 | 0...1 | - | d1 0,5 mm |
| 35 | 050 965 01 | - | 0...1 | 0,5 mm |
| 36 | 050 597 00 | 0...1 | - | d1 0,6 mm |
| 36 | 050 966 01 | - | 0...1 | d1 0,6 mm |
| 37 | 050 598 00 | 0...1 | - | 0,7 mm |
| 37 | 050 967 01 | - | 0...1 | d1 0,7 mm |
| 38 | 050 599 00 | 0...1 | - | 0,8 mm |
| 38 | 050 968 01 | - | 0...1 | 0,8 mm |
| 39 | 050 600 00 | 0...1 | - | 0,9 mm |
| 39 | 050 969 01 | - | 0...1 | 0,9 mm |
| 40 | 050 601 00 | 0...1 | - | 1,0 mm |
| 40 | 050 970 01 | - | 0...1 | 1,0 mm |
| 41 | 504 403 00 | - | 4 | d4 8 x 1,5 |
| 42 | 041 335 00 | - | 2 | |
| 43 | 041 261 00 | - | 2 | (10 x 12 x 9) |

M 10

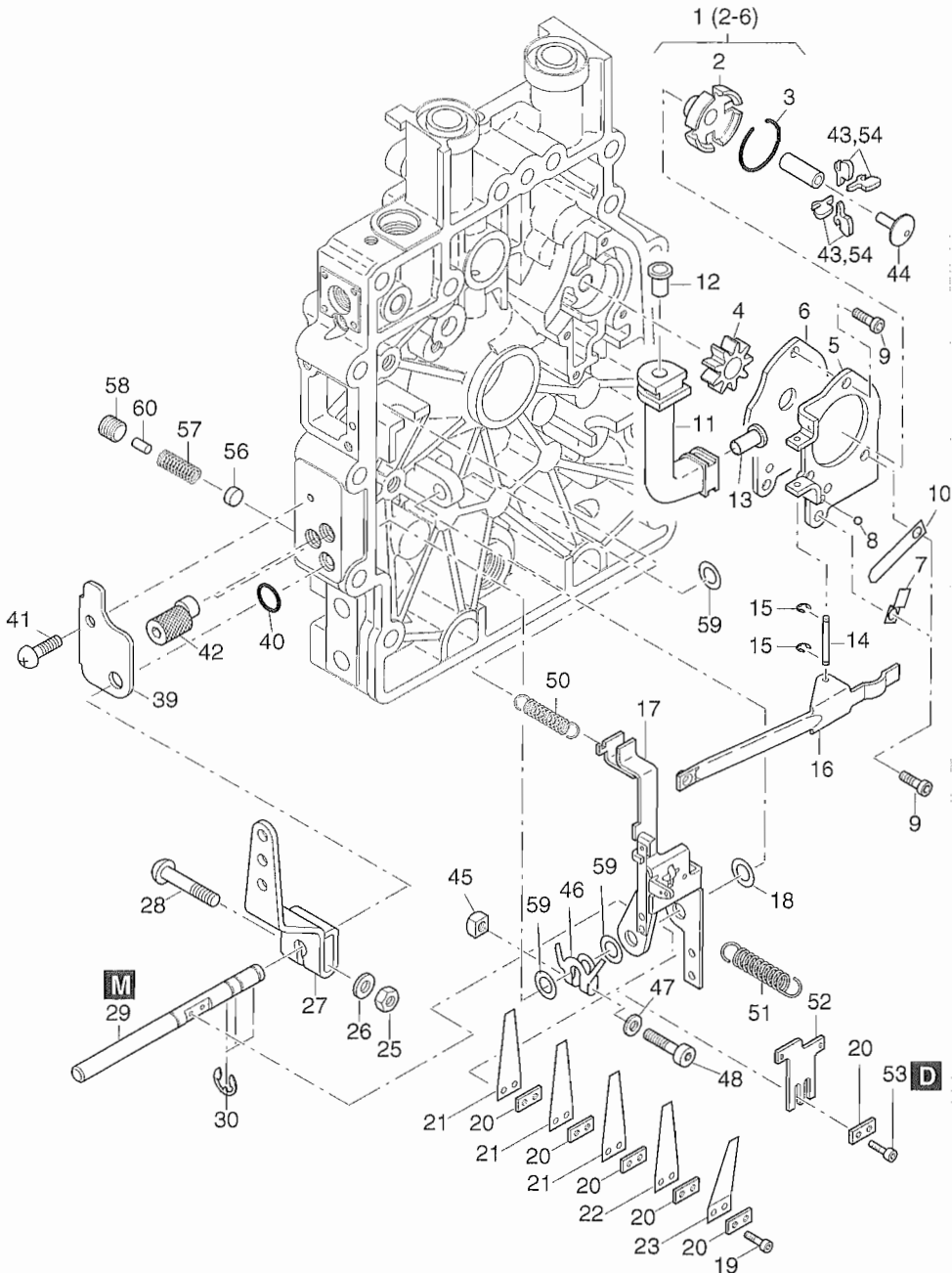
Ölpumpe, Regler
Oil pump, governor
Pompe à huile, regulateur
Bomba de aceite, regulador
Pompa olio, regolatore

M 32

Drehzahlverstellung
Speed control
Réglage régime
Ajuste de revoluc.
Regolatore di giri

Tafel Nr.
Tabl. No.
Tavola N

09



| Fig.-No. | HATZ Ident-No. | Stück Qty. | P / W d / D | Bemerkungen Notes |
|----------|-------------------|---------------|----------------|-----------------------------------|
| | | 1B20V | 1B30V | |
| 1 | 015 302 10 | 1 | 1 | |
| 2 | ----- | - | - | |
| 3 | 504 349 01 | 1 | 1 | RB25 DIN 7993 |
| 4 | ----- | - | - | |
| 5 | ----- | - | - | |
| 6 | ----- | - | - | |
| 7 | 050 971 00 | 1 | 1 | |
| 8 | 504 479 00 | 1 | 1 | 3,5 mm Kl. III |
| 9 | 504 294 00 | 4 | 4 | M 5 x 12 DIN 6912 - 8.8 |
| 10 | 050 973 00 | 1 | 1 | 0,4 mm |
| 11 | 041 029 00 | 1 | 1 | |
| 12 | 504 474 00 | 1 | 1 | A 8 x 0,5 x 12 DIN 7340 - St |
| 13 | 504 475 00 | 1 | 1 | A 10 x 0,75 x 12 DIN 7340 - St |
| 14 | 050 786 00 | 1 | 1 | |
| 15 | 504 348 00 | 2 | 2 | 1,9 DIN 6799 |
| 16 | 050 794 01 | 1 | 1 | |
| 17 | 015 304 03 | 1 | 1 | |
| 18 | 501 258 00 | 1 | 1 | 8 x 14 x 0,5 DIN 988 |
| 19 | 504 350 00 | 2 | 2 | M 3 x 12 DIN 912 - 8.8 |
| 20 | 050 798 00 | 1...5 | 1...5 | |
| 21 | 051 316 00 | 1...2 | 1...3 | 0,2 mm |
| 22 | 050 789 00 | 1...2 | 1 | 0,3 mm |
| 23 | 051 486 00 | 1 | 1 | 0,4 mm 19° ∠ |
| 25 | 501 444 00 | 1 | 1 | M 6 DIN 934 - 8 A3C |
| 26 | 501 445 00 | 1 | 1 | 6,4 DIN 125 - St A3C |
| 27 | 040 956 00 | 1 | 1 | |
| 28 | 039 273 00 | 1 | 1 | M 6 x 32 |
| 29 | 050 793 01 | 1 | 1 | |
| 30 | 500 927 00 | 3 | 3 | 7 DIN 6799 A3C |

Gen.-PV 78
951 385 00

M 10

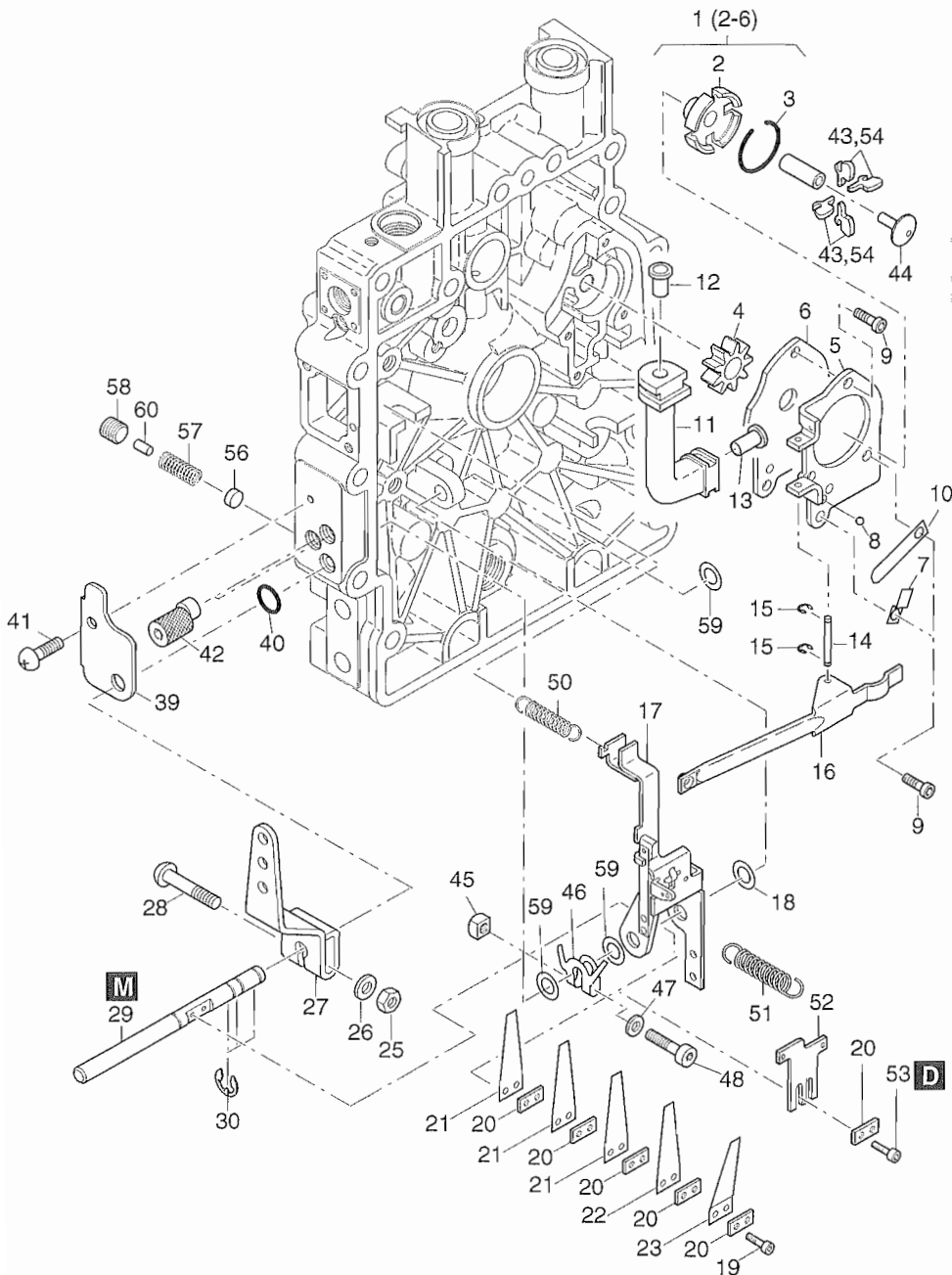
Ölpumpe, Regler
Oil pump, governor
Pompe à huile, regulateur
Bomba de aceite, regulador
Pompa olio, regolatore

M 32

Drehzahlverstellung
Speed control
Réglage régime
Ajuste de revoluc.
Regolatore di giri

Tafel Nr.
Tabl. No.
Tavola N

09



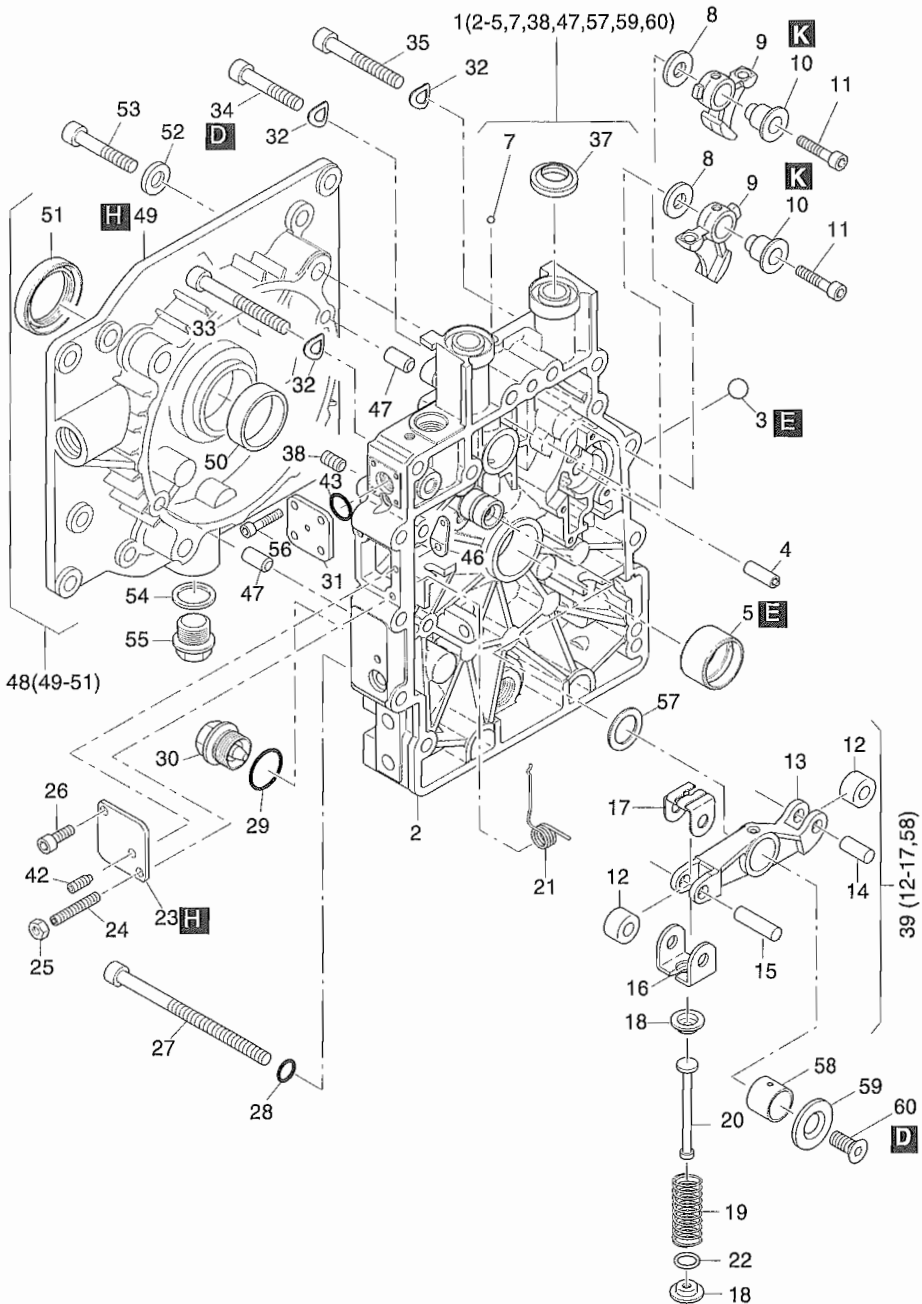
| Fig.-No. | HATZ Ident-No. | Stück Qty. | P / W d / D | Bemerkungen Notes |
|----------|-------------------|---------------|----------------|---------------------------------|
| | | 1B20V | 1B30V | |
| 39 | 051 784 00 | 1 | 1 | |
| 40 | 400 224 01 | 1 | 1 | |
| 41 | 504 923 00 | 1 | 1 | |
| 42 | 051 788 10 | 2 | 2 | |
| 43 | 050 796 02 | 8 | 8 | |
| 44 | 050 785 02 | 1 | 1 | |
| 45 | 504 227 00 | 1 | 1 | M 5 DIN 557-5 A3C |
| 46 | 051 785 00 | 1 | 1 | |
| 47 | 502 163 00 | 1 | 1 | 5,3 DIN 125-St A3C |
| 48 | 504 922 00 | 1 | 1 | M 5 x 25 DIN 6912-8.8 |
| 50 | 040 002 00 | 1 | 1 | |
| 51 | 051 309 00 | 1 | 1 | |
| 52 | 051 308 00 | 1 | 1 | |
| 53 | 504 653 00 | 2 | 2 | M 3 x 8 DIN 912 - 8.8 |
| 54 | 051 602 02 | 4 | 4 | Gen.-PV 78 |
| 56 | 051 517 00 | 1 | 1 | 8 x 3,2 x 0,5 |
| 57 | 504 887 00 | 1 | 1 | |
| 58 | 504 757 00 | 1 | 1 | M 10 x 10 DIN 913 - A3C Tuf. |
| 59 | 504 224 00 | 3 | 3 | 8 x 14 x 1,0 DIN 988 |
| 60 | 500 579 00 | 1 | 1 | 4 m 6 x 8 DIN 7 |

M 11

Steuerdeckel
Timing cover
Couvercle distribution
Tapa de mando
Coperchio distribuzione

Tafel Nr.
Tabl. No.
Tavola N

10



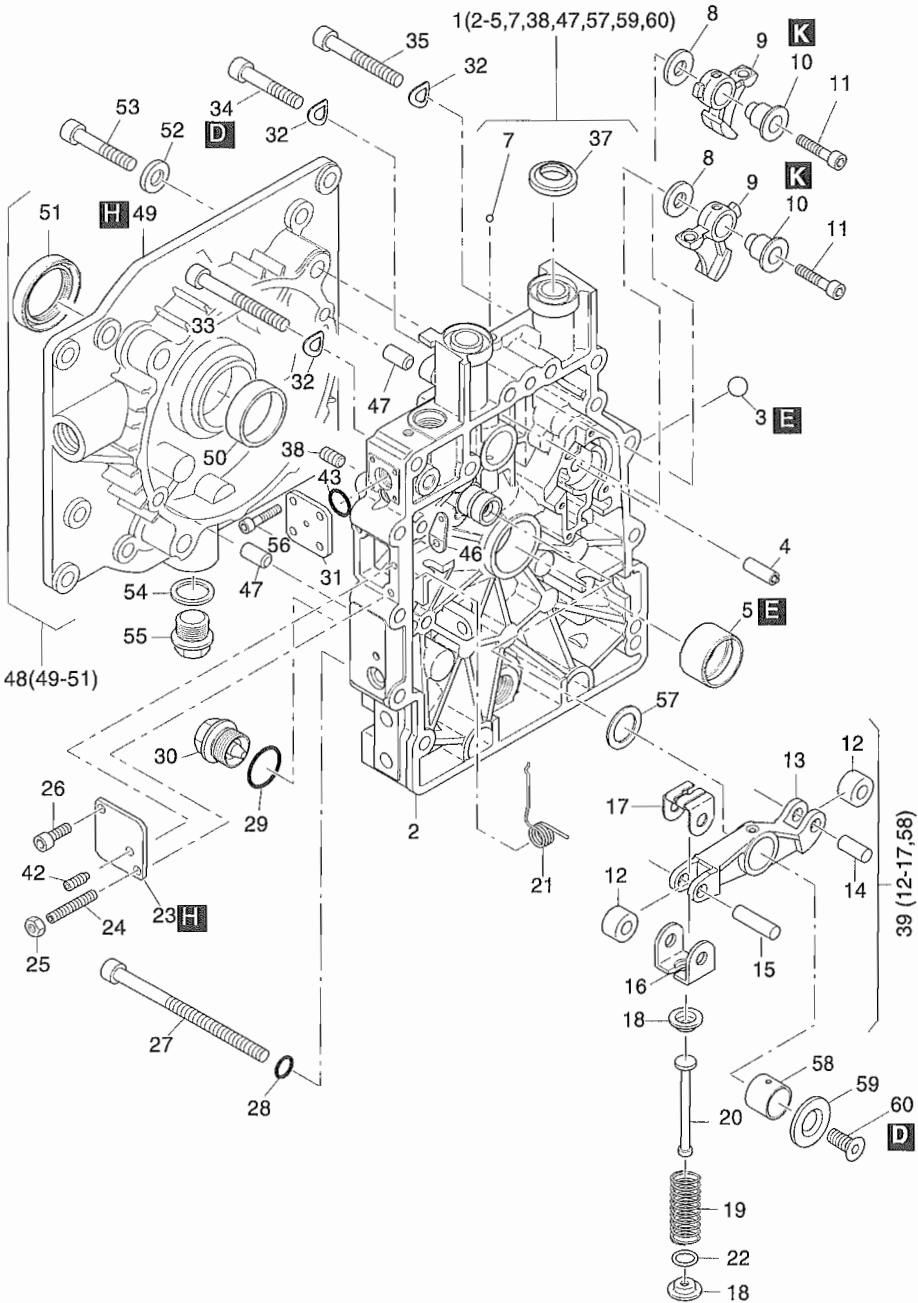
| Fig.-No. | HATZ Ident-No. | Stück Qty. | P / W d / D | Bemerkungen Notes |
|----------|-------------------|---------------|----------------|--------------------------------------|
| | | 1B20V | 1B30V | |
| 1 | 013 401 12 | 1 | 1 | |
| 2 | ----- | - | - | |
| 3 | ----- | - | - | |
| 4 | 015 339 00 | 1 | 1 | |
| 5 | 050 531 00 | 1 | 1 | |
| 5 | 041 248 00 | 1 | 1 | -0,5 mm |
| 7 | ----- | - | - | |
| 8 | 037 941 00 | 2 | 2 | |
| 9 | 050 534 00 | 2 | 2 | |
| 10 | 037 942 01 | 2 | 2 | |
| 11 | 504 579 00 | 2 | 2 | M 6 x 25 DIN 912 - 10.9 |
| 12 | ----- | - | - | |
| 13 | ----- | - | - | |
| 14 | ----- | - | - | Pos. 39 (12 - 17) |
| 15 | ----- | - | - | |
| 16 | ----- | - | - | |
| 17 | ----- | - | - | |
| 18 | 040 948 02 | 2 | 2 | |
| 19 | 040 957 00 | 1 | 1 | |
| 20 | 040 947 00 | 1 | 1 | |
| 21 | 050 952 10 | 1 | 1 | |
| 22 | 041 339 00 | 1 | 1 | 10,7 x 16 x 0,5 |
| 23 | 040 952 10 | 1 | 1 | |
| 24 | 504 489 01 | 1 | 1 | M 6 x 30 DIN 913 22 H A3C Tuf. |
| 25 | 501 444 00 | 1 | 1 | M 6 DIN 934 - 8 A3C |
| 26 | 503 842 00 | 1 | 1 | M 6 x 12 DIN 912 - 8 A3C Tuf. |
| 27 | 504 261 00 | 2 | - | M 8 x 120 DIN 912 - 8.8 A3C |
| 27 | 504 630 00 | - | 2 | M 8 x 130 DIN 912 - 8.8 A3C |
| 28 | 501 629 00 | 2 | 2 | D2 A 8 x 14 DIN 7603 - Cu |
| 29 | 504 698 00 | 1 | 1 | W4, D1 A 22 x 27 DIN 7603 - Vf |
| 30 | 503 731 00 | 1 | 1 | W1 AM 22 x 1,5 MAGN. |
| 31 | 013 517 00 | 1 | 1 | |
| 32 | 500 951 00 | 13 | 13 | A 8 DIN 137 A3C |
| 33 | 502 488 00 | 1 | 1 | M 8 x 60 DIN 912 - 8.8 A3C |
| 34 | 504 534 00 | 2 | 2 | M 8 x 45 DIN 912 - 8.8 A3C Tuf. |
| 35 | 503 929 00 | 10 | 10 | M 8 x 50 DIN 912 - 8.8 A3C |
| 37 | 041 065 00 | 2 | 2 | d2 |
| 38 | 503 580 00 | 5 | 5 | M 8 x 10 DIN 913 - A3C Tuf. |
| 39 | 013 196 10 | 1 | 1 | |

M 11

Steuerdeckel
Timing cover
Couvercle distribution
Tapa de mando
Coperchio distribuzione

Tafel Nr.
Tabl. No.
Tavola N.

10



| Fig.-No. | HATZ Ident-No. | Stück Qty. | P / W d / D | Bemerkungen Notes |
|----------|-------------------|---------------|----------------|-------------------------------|
| | | 1B20V | 1B30V | |
| 42 | 502 749 01 | 1 | 1 | M 4 x 20 DIN 915 - Tuf. 360 G |
| 43 | 503 290 00 | 1 | 1 | D1 9,5 x 2,5 |
| 46 | 051 271 00 | 1 | 1 | |
| 47 | 502 491 01 | 2 | 2 | 8 m 6 x 20 DIN 6325 |
| 48 | 016 267 01 | 1 | 1 | |
| 49 | ----- | - | - | |
| 50 | 501 934 00 | 1 | 1 | |
| 51 | 400 337 00 | 1 | 1 | D1 30 x 47 x 8 |
| 52 | 500 170 00 | 4 | 4 | 10,5 DIN 433 - St A3C |
| 53 | 504 755 00 | 4 | 4 | M 10 x 45 DIN 6912 - 8.8 A3C |
| 54 | 500 014 00 | 2 | 2 | D2,W4 A 18 x 22 DIN 7603 - Cu |
| 55 | 500 442 00 | 2 | 2 | W1 M 18 x 1,5 DIN 910 |
| 56 | 503 971 00 | 4 | 4 | M 4 x 10 DIN 912-8.8 A3C |
| 57 | 504 856 00 | 1 | 1 | 13 x 19 x 1 |
| 58 | 041 528 00 | 1 | 1 | |
| 59 | 041 527 01 | 1 | 1 | |
| 60 | 504 225 00 | 1 | 1 | M 6 x 12 DIN 7991-8.8 A3C |

M 13

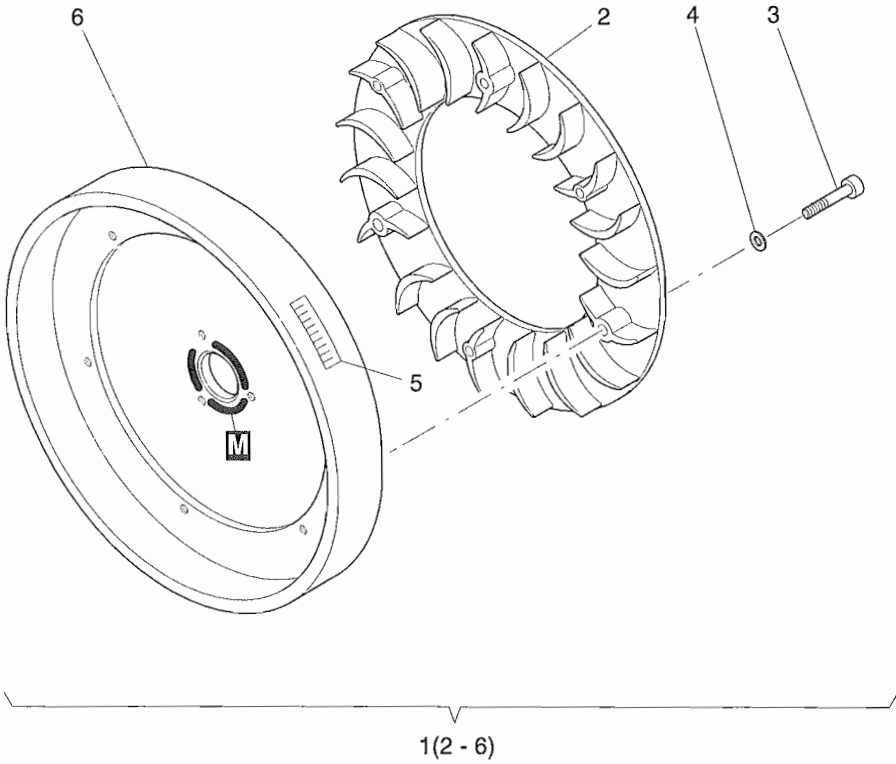
Gebläse
Blower
Soufflerie
Ventilador
Ventilatore

M 17

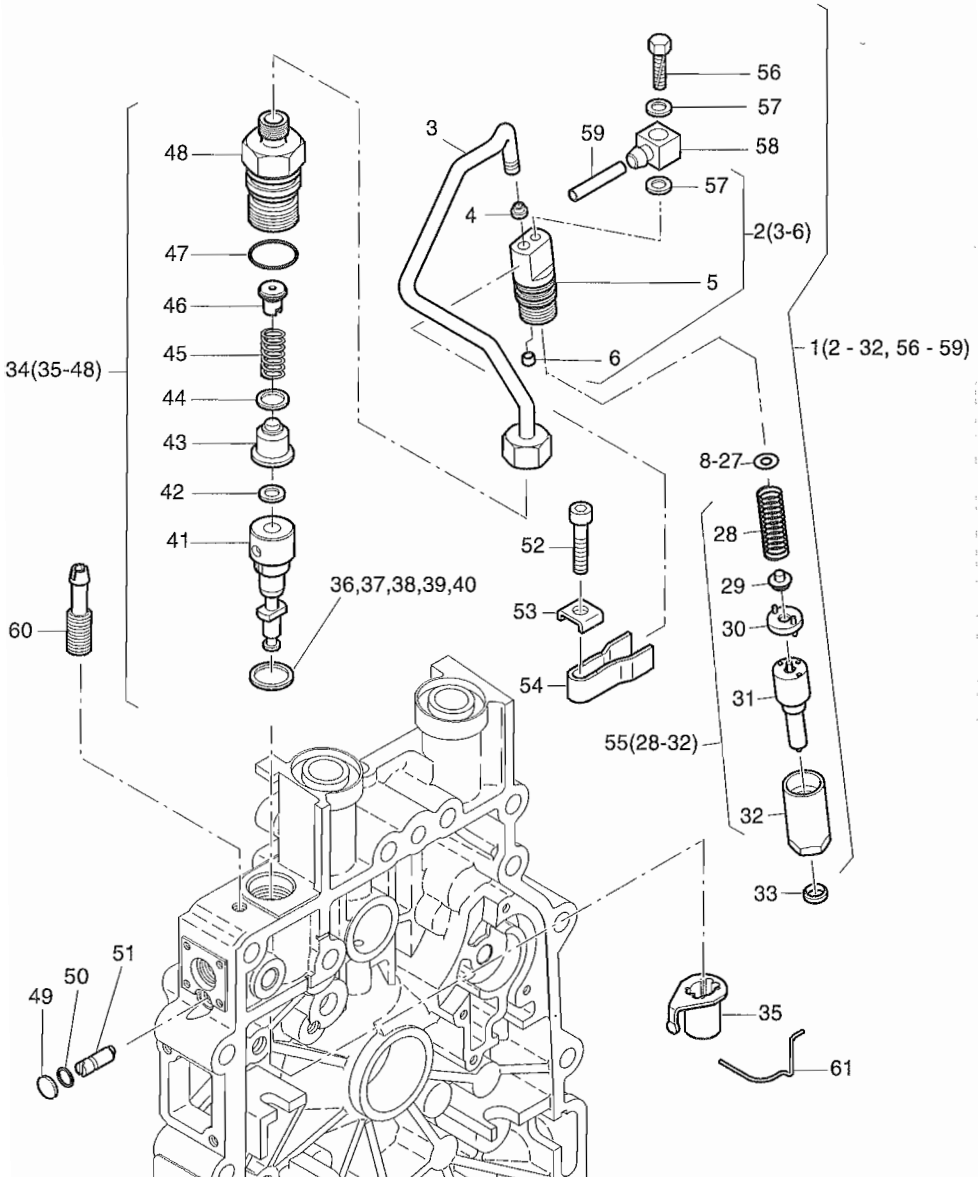
Schwungrad
Flywheel
Volant
Volante
Volano

Tafel Nr.
Tabl. No.
Tavola N

11

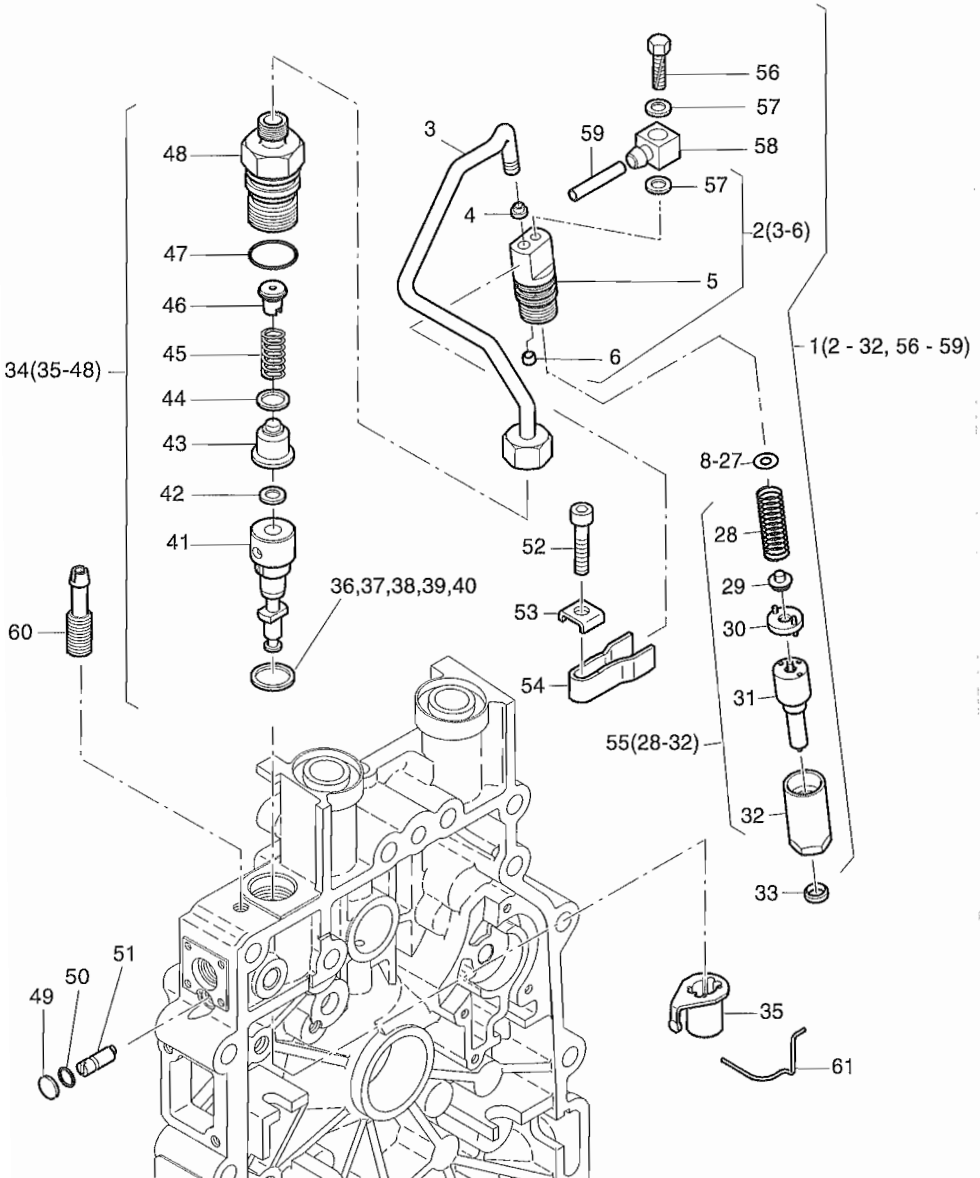


| Fig.-No. | HATZ Ident-No. | Stück Qty. | P / W d / D | Bemerkungen Notes |
|----------|-------------------|---------------|----------------|----------------------------|
| | | 1B20V | 1B30V | |
| 1 | 015 797 10 | 1 | - | |
| 2 | 013 213 10 | 1 | - | |
| 2 | 013 304 10 | - | 1 | |
| 3 | 503 273 00 | 6 | 6 | M 4 x 20 DIN 912 - 8.8 A3C |
| 4 | 500 034 00 | 6 | 6 | A 4 DIN 137 |
| 5 | 041 173 00 | 1 | 1 | „Handstart“ OT |
| 6 | 050 522 20 | 1 | - | |
| 6 | 041 103 02 | - | 1 | |



| Fig.-No. | HATZ Ident.-No. | Stück Qty. | P / W d / D | Bemerkungen Notes |
|----------|--------------------|---------------|----------------|----------------------|
| | | 1B20V | 1B30V | |
| 1 | 017 100 00 | 1 | - | |
| 1 | 017 102 00 | - | 1 | |
| 2 | 015 771 10 | 1 | - | |
| 2 | 015 828 00 | - | 1 | |
| 3 | ----- | - | - | |
| 4 | 050 961 01 | 0...1 | 0...1 | 4,9 mm |
| 4 | 050 706 01 | 0...1 | 0...1 | 5,3 mm |
| 5 | ----- | - | - | |
| 6 | 050 815 00 | 0...1 | 0...1 | BOSCH |
| 7 | ----- | - | - | |
| 8 | 504 364 00 | 0...1 | 0...1 | 1,00 mm |
| 9 | 504 365 00 | 0...1 | 0...1 | 1,04 mm |
| 10 | 504 366 00 | 0...1 | 0...1 | 1,10 mm |
| 11 | 504 367 00 | 0...1 | 0...1 | 1,14 mm |
| 12 | 504 368 00 | 0...1 | 0...1 | 1,20 mm |
| 13 | 504 369 00 | 0...1 | 0...1 | 1,24 mm |
| 14 | 504 370 00 | 0...1 | 0...1 | 1,30 mm |
| 15 | 504 371 00 | 0...1 | 0...1 | 1,34 mm |
| 16 | 504 372 00 | 0...1 | 0...1 | 1,40 mm |
| 17 | 504 373 00 | 0...1 | 0...1 | 1,44 mm |
| 18 | 504 374 00 | 0...1 | 0...1 | 1,50 mm |
| 19 | 504 375 00 | 0...1 | 0...1 | 1,54 mm |
| 20 | 504 376 00 | 0...1 | 0...1 | 1,60 mm |
| 21 | 504 377 00 | 0...1 | 0...1 | 1,64 mm |
| 22 | 504 378 00 | 0...1 | 0...1 | 1,70 mm |
| 23 | 504 379 00 | 0...1 | 0...1 | 1,74 mm |
| 24 | 504 380 00 | 0...1 | 0...1 | 1,80 mm |
| 25 | 504 381 00 | 0...1 | 0...1 | 1,84 mm |
| 26 | 504 382 00 | 0...1 | 0...1 | 1,90 mm |
| 27 | 504 383 00 | 0...1 | 0...1 | 1,94 mm |
| 28 | ----- | - | - | |
| 29 | ----- | - | - | |
| 30 | ----- | - | - | |
| 31 | 504 893 00 | 1 | - | P1 |
| 31 | 504 680 00 | - | 1 | P1 |
| 32 | ----- | - | - | |
| 33 | 050 705 00 | 1 | 1 | |
| 34 | 013 222 10 | 1 | - | |
| 34 | 015 829 00 | - | 1 | |
| 35 | 013 308 01 | 1 | 1 | |
| 36 | 040 963 00 | 0...1 | 0...1 | 0,2 mm |
| 37 | 040 964 00 | 0...1 | 0...1 | 0,3 mm |

} s. 951 258 01



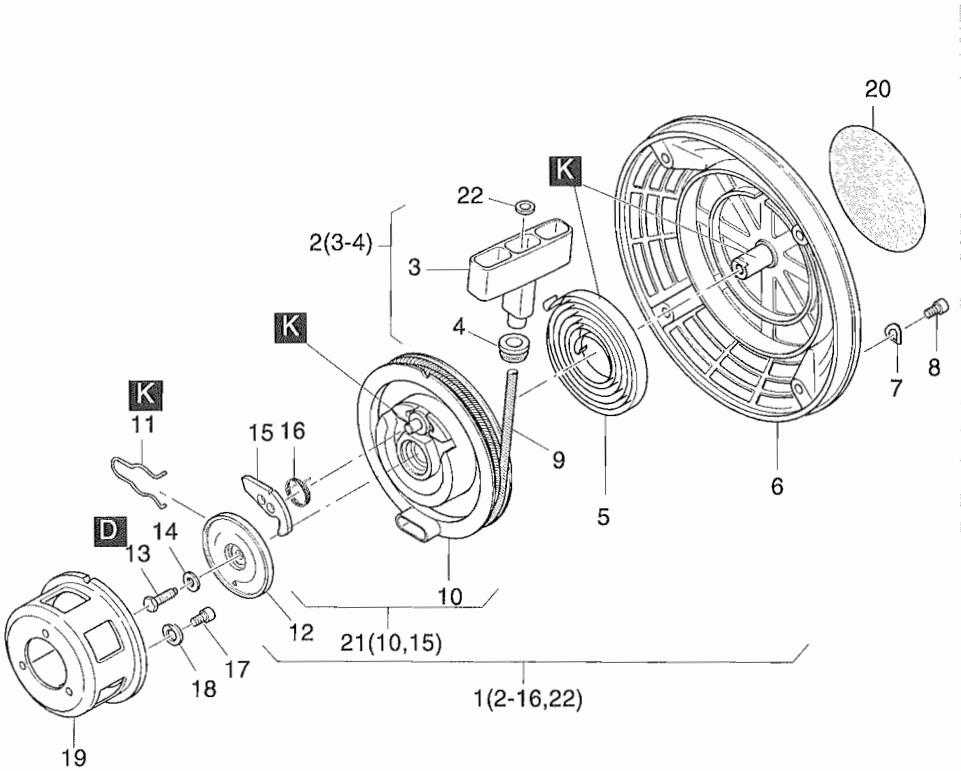
| Fig.-No. | HATZ Ident-No. | Stück Qty. | P / W d / D | Bemerkungen Notes |
|----------|-------------------|---------------|----------------|-------------------------------|
| | | 1B20V | 1B30V | |
| 38 | 040 965 00 | 0...1 | 0...1 | 0,4 mm |
| 39 | 040 966 00 | 0...1 | 0...1 | 0,5 mm |
| 40 | 040 967 00 | 0...1 | 0...1 | 0,6 mm |
| 41 | ----- | - | - | |
| 42 | 041 652 00 | - | 1 | 8 |
| 43 | ----- | - | - | |
| 44 | 504 769 00 | 1 | 1 | 9,5 x 13 x 0,5 |
| 45 | ----- | - | - | |
| 46 | ----- | - | - | |
| 47 | 504 892 00 | 1 | 1 | 17 x 2 |
| 48 | 504 459 00 | 1 | 1 | |
| 49 | 504 760 00 | 1 | 1 | 8 DIN 470 Al |
| 50 | 503 301 00 | 1 | 1 | 4 x 1,2 |
| 51 | 040 977 10 | 1 | 1 | |
| 52 | 503 239 00 | 1 | 1 | M 6 x 30 DIN 912 - 8.8 A3C |
| 53 | 050 893 00 | 1 | 1 | 6,4 |
| 54 | 050 567 00 | 1 | 1 | |
| 55 | 016 554 00 | 1 | - | |
| 55 | 013 289 00 | - | 1 | |
| 56 | 504 645 00 | 1 | 1 | AM 4 x 16 DIN 7513 St. Zn |
| 57 | 501 108 00 | 2 | 2 | A 4 x 8 DIN 7603 - Cu |
| 58 | 051 290 00 | 1 | 1 | |
| 59 | 051 303 00 | 1 | 1 | 2,5 x 295 |
| 60 | 050 842 01 | 1 | 1 | |
| 61 | 041 618 00 | 1 | 1 | |

M 15

Reversierstarter
Recoil starter
Demarreur reversible
Arrancador reversible
Avviamento a strappo

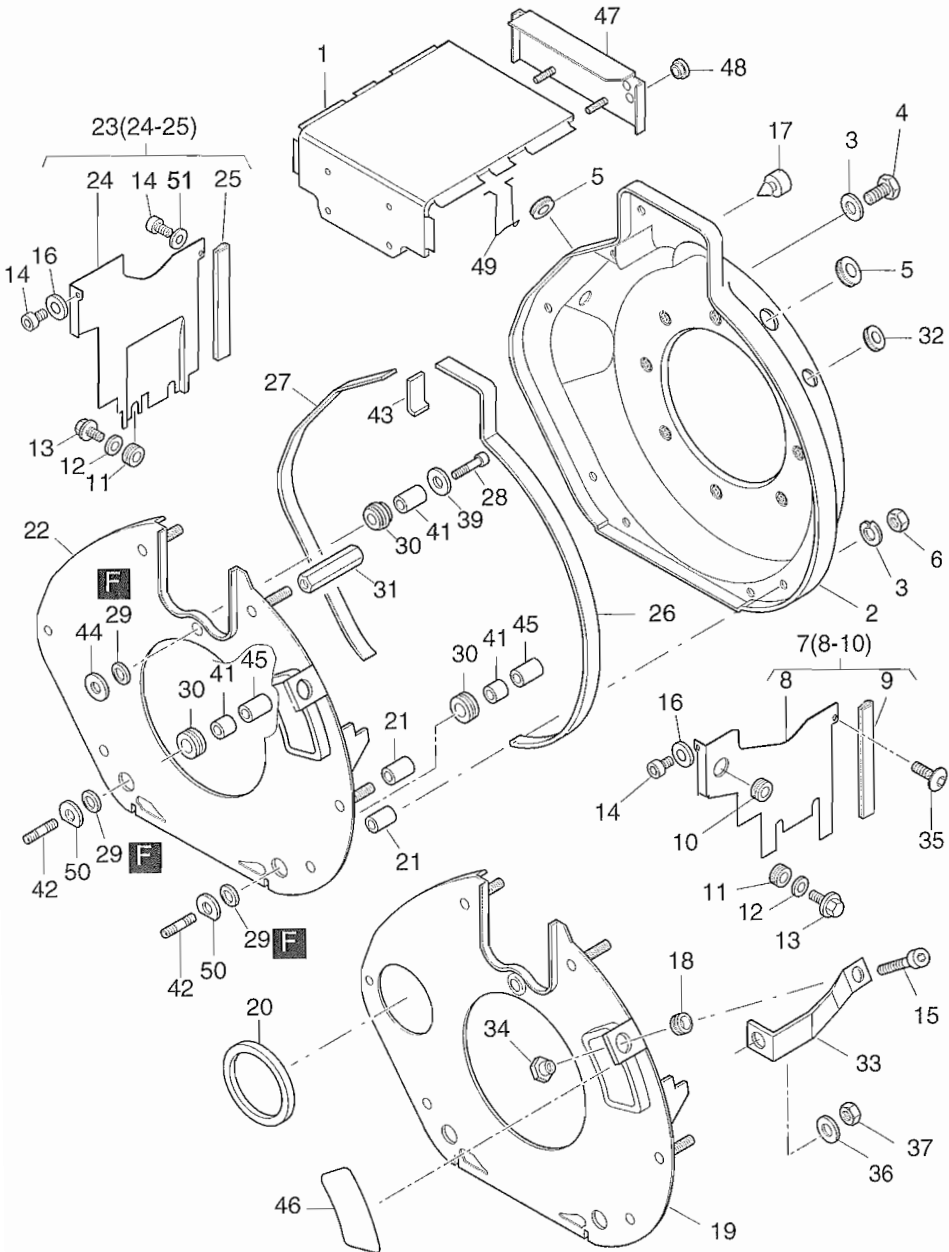
Tafel Nr.
Tabl. No.
Tavola N

13



| Fig.-No. | HATZ Ident-No. | Stück Qty. | P / W d / D | Bemerkungen Notes |
|----------|-------------------|---------------|----------------|-------------------------------|
| | | 1B20V | 1B30V | |
| 1 | 015 150 02 | 1 | 1 | |
| 2 | 014 978 00 | 1 | 1 | |
| 3 | ----- | - | - | |
| 4 | 036 652 00 | 1 | 1 | |
| 5 | 050 452 01 | 1 | 1 | |
| 6 | 015 693 00 | 1 | 1 | |
| 7 | 500 812 00 | 4 | 4 | A 6 DIN 137 |
| 8 | 500 627 00 | 4 | 4 | M 6 x 10 DIN 912 - 8.8 |
| 9 | 050 889 01 | 1 | 1 | 1750 mm |
| 10 | ----- | - | - | |
| 11 | 050 449 01 | 1 | 1 | |
| 12 | 050 450 01 | 1 | 1 | |
| 13 | 501 463 00 | 1 | 1 | M 6 x 18 DIN 933 - 8.8 A3C |
| 14 | 501 656 00 | 1 | 1 | 6,5 x 14 DIN 6904 - A3C |
| 15 | 050 448 00 | 1 | 1 | |
| 16 | 050 613 00 | 1 | 1 | |
| 17 | 500 627 00 | 3 | 3 | M 6 x 10 DIN 912 - 8.8 |
| 18 | 501 709 00 | 3 | 3 | 6 DIN 128 - A3C |
| 19 | 504 458 00 | 1 | 1 | |
| 20 | 051 091 00 | 1 | 1 | |
| 21 | 015 488 00 | 1 | 1 | |
| 22 | 505 146 00 | 1 | 1 | 5,3 DIN 9021 PA 6.6 |

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



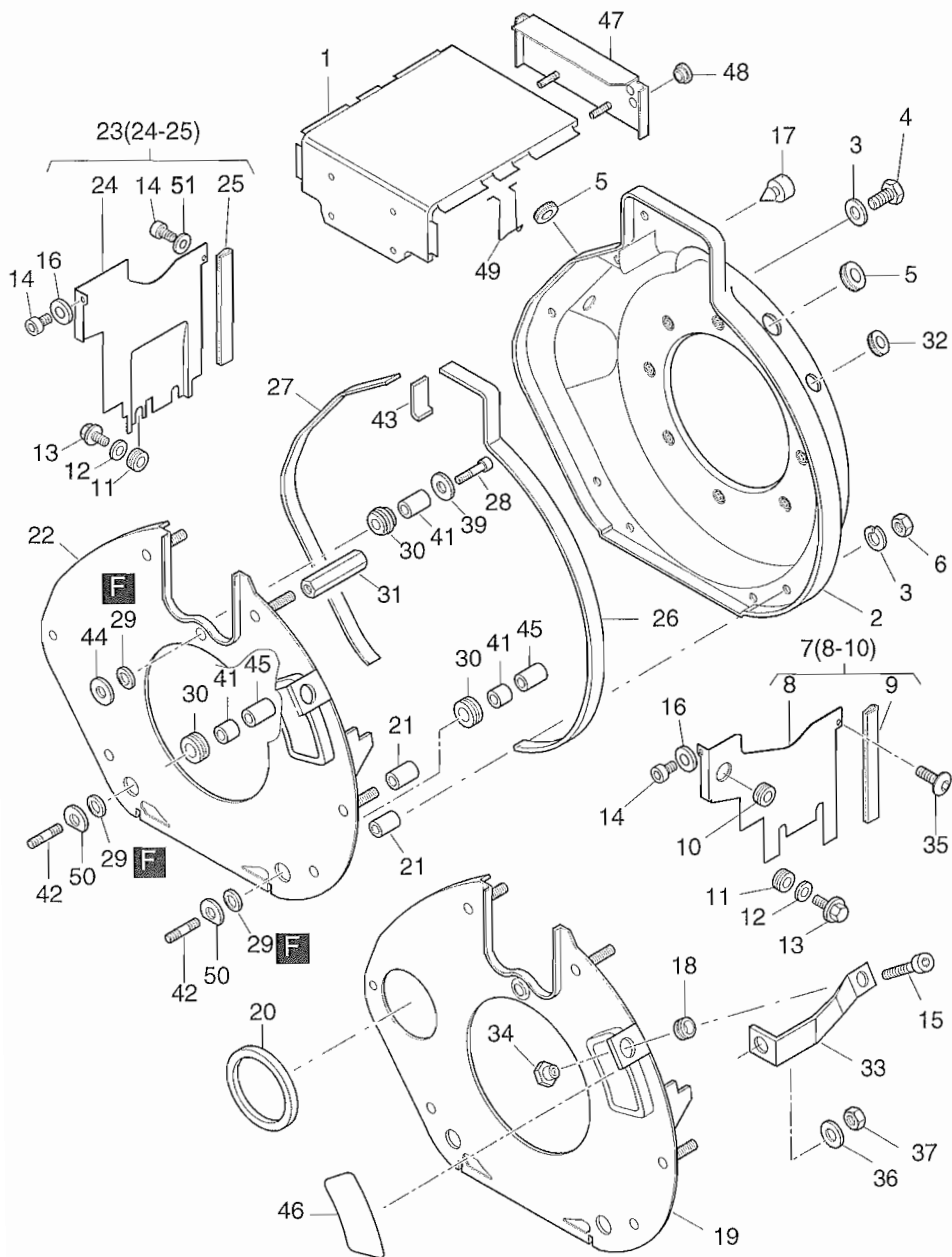
| Fig.-No. | HATZ Ident-No. | Stück Qty. | P / W d / D | Bemerkungen Notes |
|----------|-------------------|---------------|----------------|-----------------------------------|
| 1B20V | | | | |
| 1 | 015 335 04 | 1 | | |
| 2 | 013 168 00 | 1 | | |
| 3 | 501 709 00 | 7 | | 6 DIN 128 - A3C |
| 4 | 501 463 00 | 1 | | M 6 x 18 DIN 933 - 8.8 A3C |
| 5 | 504 617 00 | 2 | | |
| 6 | 501 444 00 | 6 | | M 6 DIN 934 - 8 A3C |
| 7 | 013 166 00 | 1 | | |
| 8 | ----- | - | | |
| 9 | 040 976 00 | 1 | | 107 mm |
| 10 | 503 348 00 | 1 | | |
| 11 | 501 638 01 | 4 | | |
| 12 | 504 416 00 | 3 | | 4,3 DIN 9021 - A3C 140HV |
| 13 | 504 454 00 | 3 | | M 4 x 10 St 8.8 A3A DIN 7500 |
| 14 | 504 742 00 | 3 | | M 6 x 16 DIN 912 - 8.8 Tuf.360 |
| 15 | 501 707 00 | 1 | | M 6 x 16 DIN 912 - 8.8 A3C |
| 16 | 501 445 00 | 2 | | 6,4 DIN 125 - St A3C |
| 17 | 503 926 10 | 2 | | |
| 18 | 503 928 00 | 1 | | |
| 19 | 016 070 01 | 1 | | E-Start |
| 20 | 040 995 00 | 1 | | |
| 21 | 041 390 00 | 5 | | 6,5 x 12 x 18 |
| 22 | 016 071 00 | 1 | | |
| 23 | 013 165 00 | 1 | | |
| 24 | ----- | - | | |
| 25 | 040 976 00 | 1 | | 107 mm |
| 26 | 041 245 00 | 1 | | 470 mm |
| 27 | 041 246 00 | 1 | | 388 mm |
| 28 | 501 708 00 | 1 | | M 6 x 25 DIN 912 - 8.8 A3C |
| 29 | 035 755 00 | 3 | | |
| 30 | 009 214 00 | 3 | | |
| 31 | 041 244 00 | 1 | | 57 mm |
| 32 | 504 533 00 | 1 | | |
| 33 | 015 995 00 | 1 | | |
| 34 | 041 232 00 | 1 | | M 6 |
| 35 | 504 950 00 | 1 | | M 6 x 12 DIN 7380 - 10.9 A3C |
| 36 | 500 951 00 | 1 | | A 8 DIN 137 A3C |

M 26

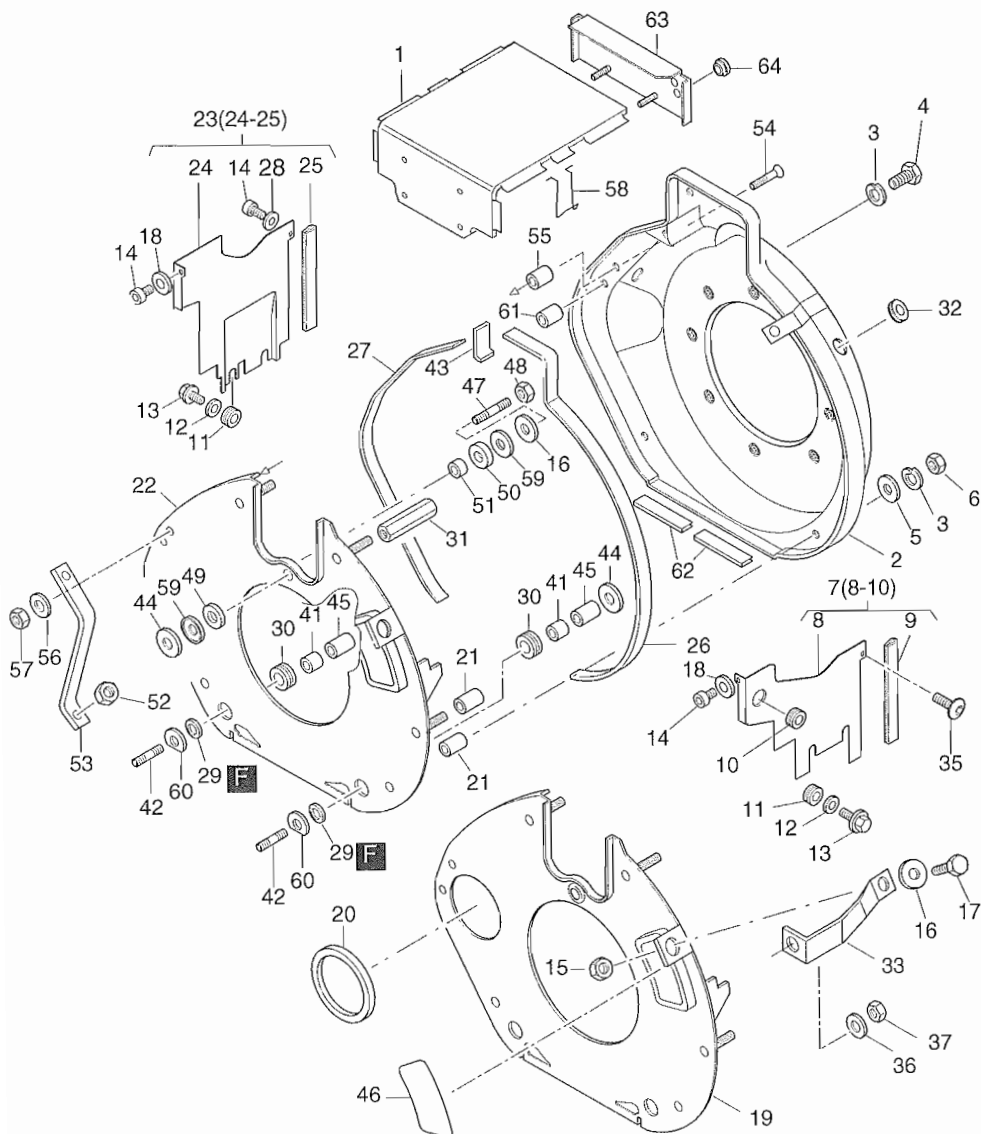
Luftführung - 1B20V
Air ducting - 1B20V
Carter ventilation - 1B20V
Conducción de aire - 1B20V
Carter ventilatore - 1B20V

Tafel Nr.
Tabl. No.
Tavola N.

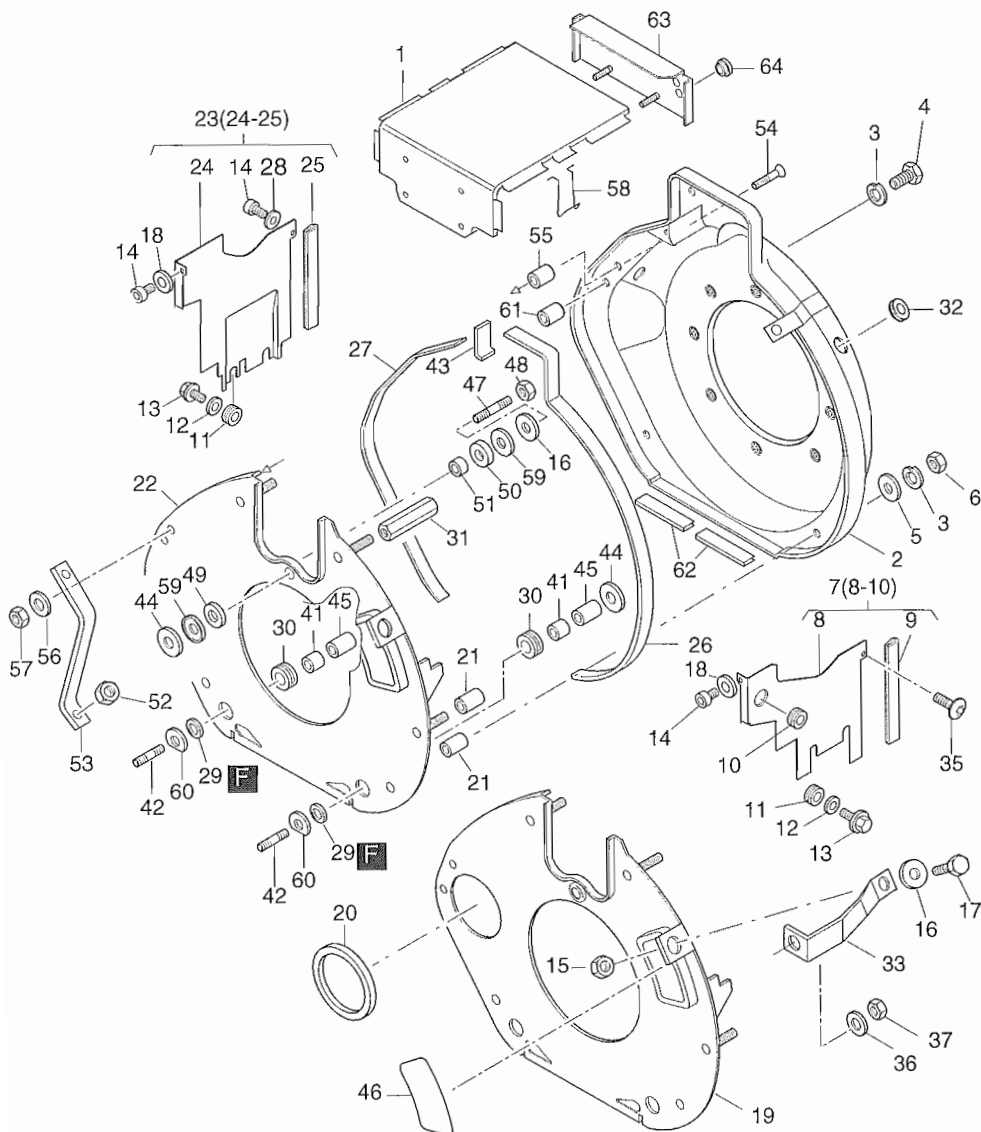
14



| Fig.-No. | HATZ Ident-No. | Stück Qty. | P / W d / D | Bemerkungen Notes |
|----------|-------------------|---------------|----------------|---------------------------------|
| | | 1B20V | | |
| 37 | 503 447 00 | 1 | | M 8 DIN 936 - 5 A3C |
| 38 | ----- | - | | |
| 39 | 501 709 00 | 1 | | 6 DIN 128 A3C |
| 40 | ----- | - | | |
| 41 | 041 191 00 | 3 | | 6 x 8 x 14 |
| 42 | 504 581 00 | 2 | | M 6 x 45 DIN 835 - 8.8 A3C |
| 43 | 050 073 00 | 1 | | 48 mm |
| 44 | 040 420 00 | 1 | | 6,5 x 22,5 x 1 |
| 45 | 041 390 00 | 2 | | 6,5 x 12 x 18 |
| 46 | 041 138 00 | 1 | | |
| 47 | 015 793 00 | 1 | | |
| 48 | 503 348 00 | 2 | | |
| 49 | 051 441 00 | 1 | | |
| 50 | 041 453 00 | 2 | | |
| 51 | 040 606 00 | 1 | | 6,4 x 16 x 1,5 A3C |



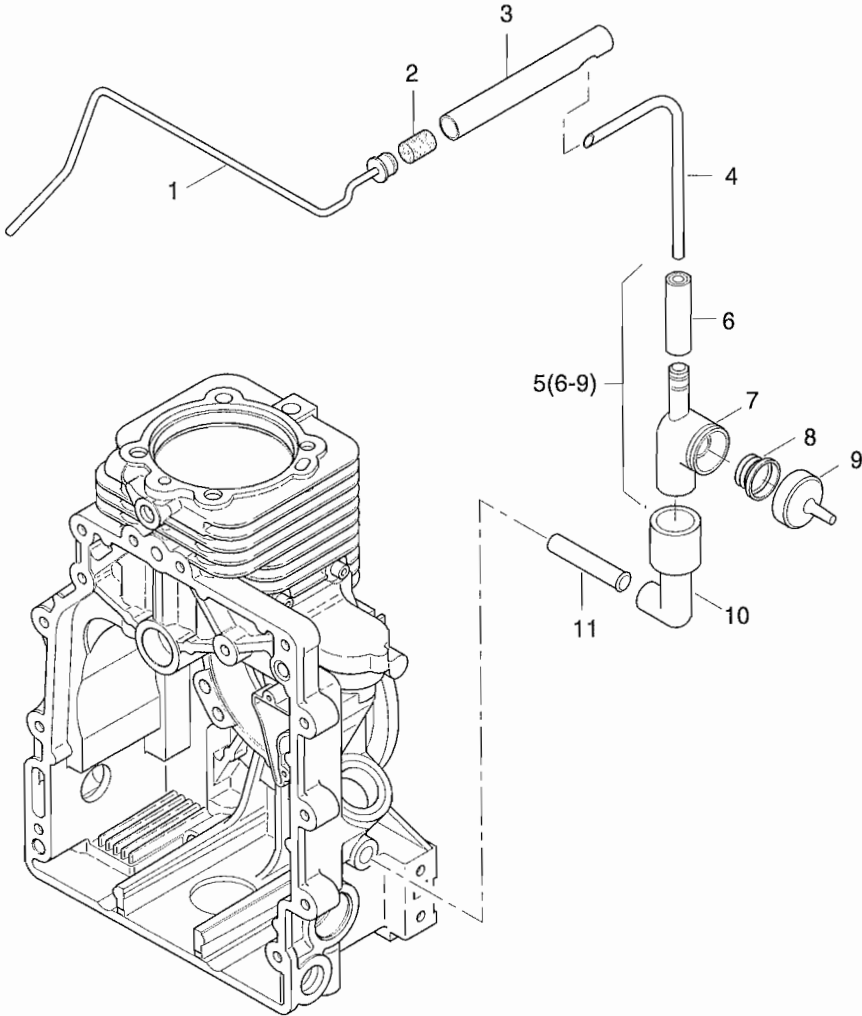
| Fig.-No. | HATZ Ident-No. | Stück Qty. | P / W d / D | Bemerkungen Notes |
|----------|-------------------|---------------|----------------|-----------------------------------|
| 1B30V | | | | |
| 1 | 015 514 01 | 1 | | |
| 2 | 015 513 20 | 1 | | |
| 3 | 501 709 00 | 7 | | 6 DIN 128 - A3C |
| 4 | 501 463 00 | 1 | | M 6 x 18 DIN 933 - 8.8 A3C |
| 5 | 501 200 00 | 2 | | A 6,4 DIN 9021 - A3C |
| 6 | 501 444 00 | 6 | | M 6 DIN 934 - 8 A3C |
| 7 | 013 263 00 | 1 | | |
| 8 | ----- | - | | |
| 9 | 051 289 00 | 1 | | 80 mm |
| 10 | 503 348 00 | 1 | | |
| 11 | 501 638 01 | 3 | | |
| 12 | 504 416 00 | 3 | | 4,3 DIN 9021 - A3C 140HV |
| 13 | 504 454 00 | 3 | | M 4 x 10 St 8.8 A3A DIN 7500 |
| 14 | 504 742 00 | 3 | | M 6 x 16 DIN 912 - 8.8 Tuf.360 |
| 15 | 501 444 00 | 1 | | M 6 DIN 934 - 8 A3C |
| 16 | 501 143 00 | 2 | | 6,4 DIN 7349 A3C |
| 17 | 501 771 00 | 1 | | M 6 x 16 DIN 933 - 8.8 A3C |
| 18 | 501 445 00 | 2 | | 6,4 DIN 125 - St A3C |
| 19 | 013 268 10 | 1 | | E-Start |
| 20 | 040 995 00 | 1 | | |
| 21 | 051 975 00 | 4 | | 6,5 x 12 x 20 |
| 22 | 013 267 10 | 1 | | |
| 23 | 013 262 00 | 1 | | |
| 24 | ----- | - | | |
| 25 | 041 115 00 | 1 | | 119 mm |
| 26 | 051 081 00 | 1 | | 495 mm |
| 27 | 041 246 00 | 1 | | 388 mm |
| 28 | 040 606 00 | 1 | | 6,4 x 16 x 1,5 |
| 29 | 035 755 00 | 2 | | |
| 30 | 009 214 00 | 2 | | |
| 31 | 051 981 00 | 1 | | 59 mm |
| 32 | 504 533 00 | 1 | | |
| 33 | 015 996 10 | 1 | | |
| 34 | ----- | - | | |
| 35 | 504 950 00 | 1 | | M 6 x 12 DIN 7380 - 10.9 A3C |
| 36 | 500 951 00 | 1 | | A 8 DIN 137 A3C |



| Fig.-No. | HATZ Ident-No. | Stück Qty. | P / W d / D | Bemerkungen Notes |
|----------|-------------------|---------------|----------------|------------------------------------|
| 1B30V | | | | |
| 37 | 503 447 00 | 1 | | M 8 DIN 936 - 5 A3C |
| 38 | ----- | - | | |
| 39 | ----- | - | | |
| 40 | ----- | - | | |
| 41 | 041 191 00 | 2 | | 6 x 8 x 14 |
| 42 | 504 581 00 | 2 | | M 6 x 45 DIN 835 - 8.8 A3C |
| 43 | 051 982 00 | 1 | | 48 mm |
| 44 | 040 420 00 | 3 | | 6,5 x 22,5 x 1 |
| 45 | 040 984 00 | 2 | | 7 x 12 x 16,3 |
| 46 | 041 167 00 | 1 | | |
| 47 | 504 644 01 | 1 | | M 6 x 35 DIN 939 - 8.8 A3C Tuf. |
| 48 | 400 283 00 | 1 | | M 6 SSN 440-8 |
| 49 | 051 338 00 | 1 | | 16 x 25 x 4 |
| 50 | 051 339 00 | 1 | | 16 x 25 x 8 |
| 51 | 051 327 00 | 1 | | 6,5 x 17 x 11,5 |
| 52 | 501 480 00 | 1 | | M 8 DIN 934-8 A3C |
| 53 | 051 330 01 | 1 | | |
| 54 | 504 450 00 | 1 | | M 6 x 35 DIN 7991 - 8.8 A3C |
| 55 | 051 328 10 | 1 | | 7 x 12 x 18,3 |
| 56 | 501 709 00 | 1 | | 6 DIN 128 A3C |
| 57 | 501 444 00 | 1 | | M 6 DIN 934-8 A3C |
| 58 | 051 458 00 | 1 | | |
| 59 | 050 976 00 | 2 | | |
| 60 | 041 453 00 | 2 | | |
| 61 | 041 390 00 | 1 | | 6,5 x 12 x 18 |
| 62 | 041 809 00 | 1 | | 175 mm |
| 63 | 016 035 00 | 1 | | |
| 64 | 503 348 00 | 2 | | |

Kurbelgehäusentlüftung 1B 20 V
Crankcase breathing system 1B 20 V
Reniflard 1B 20 V
Purgador 1B 20 V
Sfiato basamento 1B 20 V

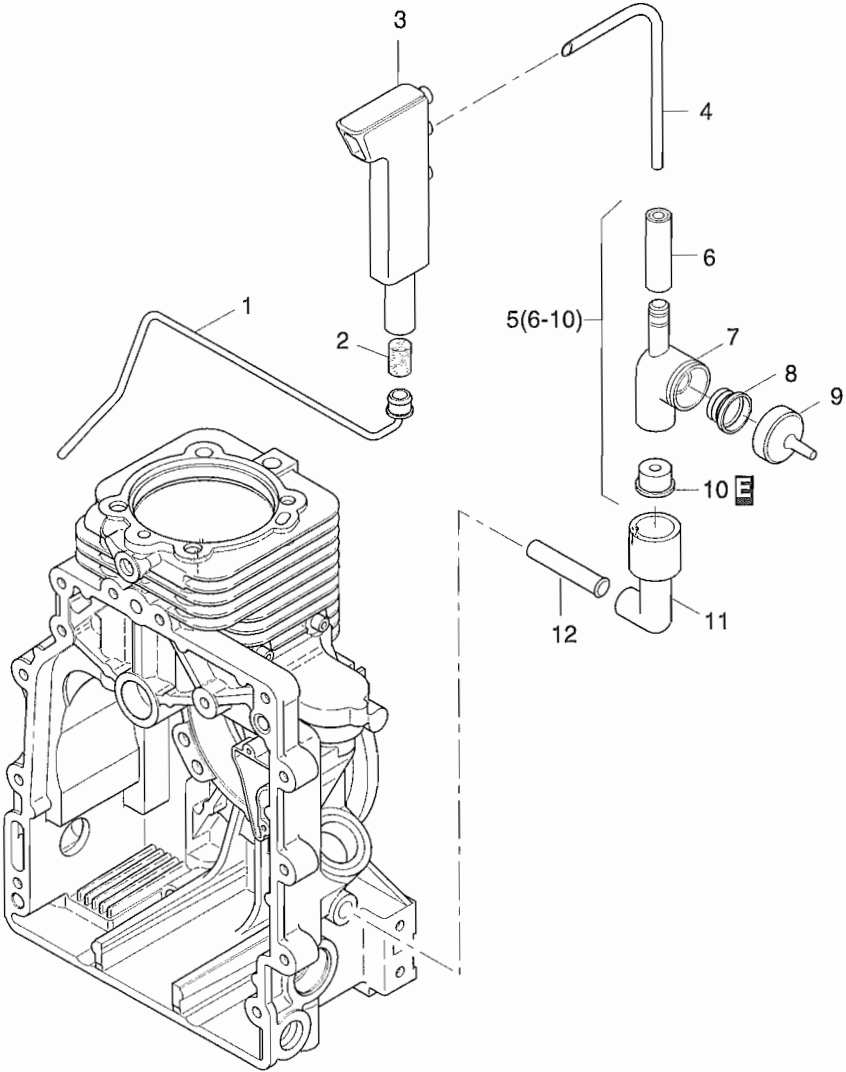
Tafel Nr.
Tabl. No.
Tavola N.



| Fig.-No. | HATZ Ident-No. | Stück Qty. | P / W d / D | Bemerkungen Notes |
|----------|-------------------|---------------|----------------|------------------------|
| | | 1B20V | | |
| 1 | 013 391 00 | 1 | | |
| 2 | 051 029 00 | 1 | | Filter, Filtre, Filtro |
| 3 | 041 396 00 | 1 | | |
| 4 | 041 397 00 | 1 | | |
| 5 | 013 396 00 | 1 | | |
| 6 | 013 390 00 | 1 | | |
| 7 | ----- | - | | |
| 8 | 035 687 00 | 1 | | |
| 9 | 035 686 00 | 1 | | |
| 10 | 041 361 00 | 1 | | |
| 11 | ----- | - | | |

Kurbelgehäusentlüftung 1B 30 V
Crankcase breathing system 1B 30 V
Reniflard 1B 30 V
Purgador 1B 30 V
Sfiato basamento 1B 30 V

Tafel Nr.
Tabl. No.
Tavola N.
17



| Fig.-No. | HATZ Ident-No. | Stück Qty. | P / W d / D | Bemerkungen Notes |
|----------|-------------------|---------------|----------------|------------------------|
| 1B30V | | | | |
| 1 | 013 391 00 | 1 | | |
| 2 | 051 029 00 | 1 | | Filter, Filtre, Filtro |
| 3 | 041 708 00 | 1 | | |
| 4 | 041 789 00 | 1 | | |
| 5 | 013 541 00 | 1 | | |
| 6 | 013 390 00 | 1 | | |
| 7 | ----- | - | | |
| 8 | 035 687 00 | 1 | | |
| 9 | 035 686 00 | 1 | | |
| 10 | ----- | - | | |
| 11 | 041 361 00 | 1 | | |
| 12 | ----- | - | | |

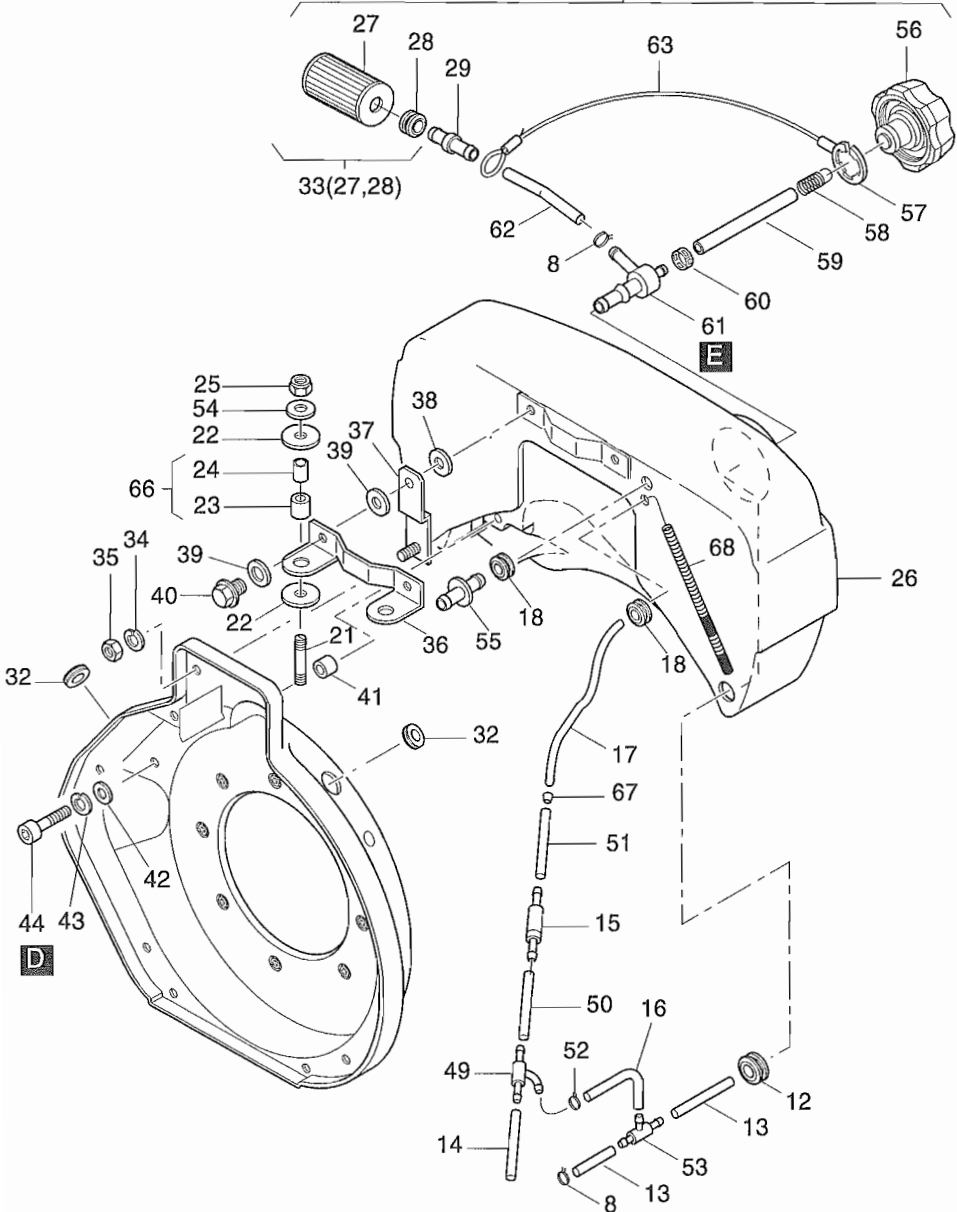
A 01

Kraftstoffbehälter
Fuel tank
Reservoir à carburant
Depósito combustible
Serbatoio

Tafel Nr.
Tabl. No.
Tavola N.

18

64(8,12,18,26-29,55-63)
65(8,12,17,18,26-29,51,55-63,67,68)



| Fig.-No. | HATZ Ident-No. | Stück Qty. | P / W d / D | Bemerkungen Notes |
|----------|-------------------|---------------|----------------|----------------------------|
| | | 1B20V | 1B30V | |
| 8 | 504 411 00 | 2 | 2 | 11,8 - 505 R |
| 12 | 504 408 00 | 1 | 1 | |
| 13 | 051 231 00 | 2 | 2 | 7 x 70 |
| 14 | 050 853 00 | 1 | 1 | 3,5 x 45 |
| 15 | 015 346 00 | 1 | 1 | |
| 16 | 036 733 00 | 1 | 1 | 4,5 x 170 |
| 17 | 051 576 00 | 1 | - | |
| 17 | 052 051 00 | - | 1 | |
| 18 | 051 304 00 | 2 | 2 | |
| 21 | 502 319 00 | 2 | 2 | M 8 x 25 DIN 835 - 8.8 A3C |
| 22 | 051 098 10 | 4 | 4 | 8,2 x 22 x 2 |
| 23 | ----- | - | - | |
| 24 | 051 228 00 | 2 | 2 | |
| 25 | 400 284 00 | 2 | 2 | VM 8 DIN 980 - 8 C3A |
| 26 | ----- | - | - | |
| 27 | ----- | - | - | |
| 28 | 504 409 01 | 1 | 1 | |
| 29 | 050 844 01 | 1 | 1 | |
| 32 | 051 077 00 | 2 | - | |
| 32 | 504 533 00 | - | 1 | |
| 33 | 016 352 00 | 1 | 1 | W2 |
| 34 | 501 709 00 | 2 | 2 | 6 DIN 128 A3C |
| 35 | 501 444 00 | 2 | 2 | M 6 DIN 934 - 8 A3C |
| 36 | 051 085 11 | 1 | - | |
| 36 | 051 223 00 | - | 1 | |
| 37 | 013 313 00 | 2 | 2 | |
| 38 | 501 200 00 | 2 | 2 | A 6,4 DIN 9021 St A3C |
| 39 | 051 100 10 | 4 | 4 | 7,1 x 17,9 x 2 |
| 40 | 015 570 00 | 2 | - | M 6 x 18 |
| 40 | 016 771 00 | - | 2 | M 6 x 20 |
| 41 | 041 188 00 | 2 | 4 | 6,5 x 13 x 4,8 |
| 42 | 501 445 00 | 2 | 4 | 6,4 DIN 125 St A3C |
| 43 | 501 709 00 | 2 | 4 | 6 DIN 128 A3C |
| 44 | 501 707 00 | 2 | 4 | M 6 x 16 DIN 912 - 8.8 A3C |
| 49 | 051 227 01 | 1 | 1 | |
| 50 | 051 232 00 | 1 | 1 | 3,5 x 40 |
| 51 | 036 643 00 | 1 | - | 4,5 x 75 |
| 51 | 040 604 00 | - | 1 | 4,5 x 100 |
| 52 | 503 998 01 | 1 | 1 | 11,3 |
| 53 | 504 596 00 | 1 | 1 | |
| 54 | 501 481 00 | 2 | 2 | 8,4 DIN 125 St A3C |

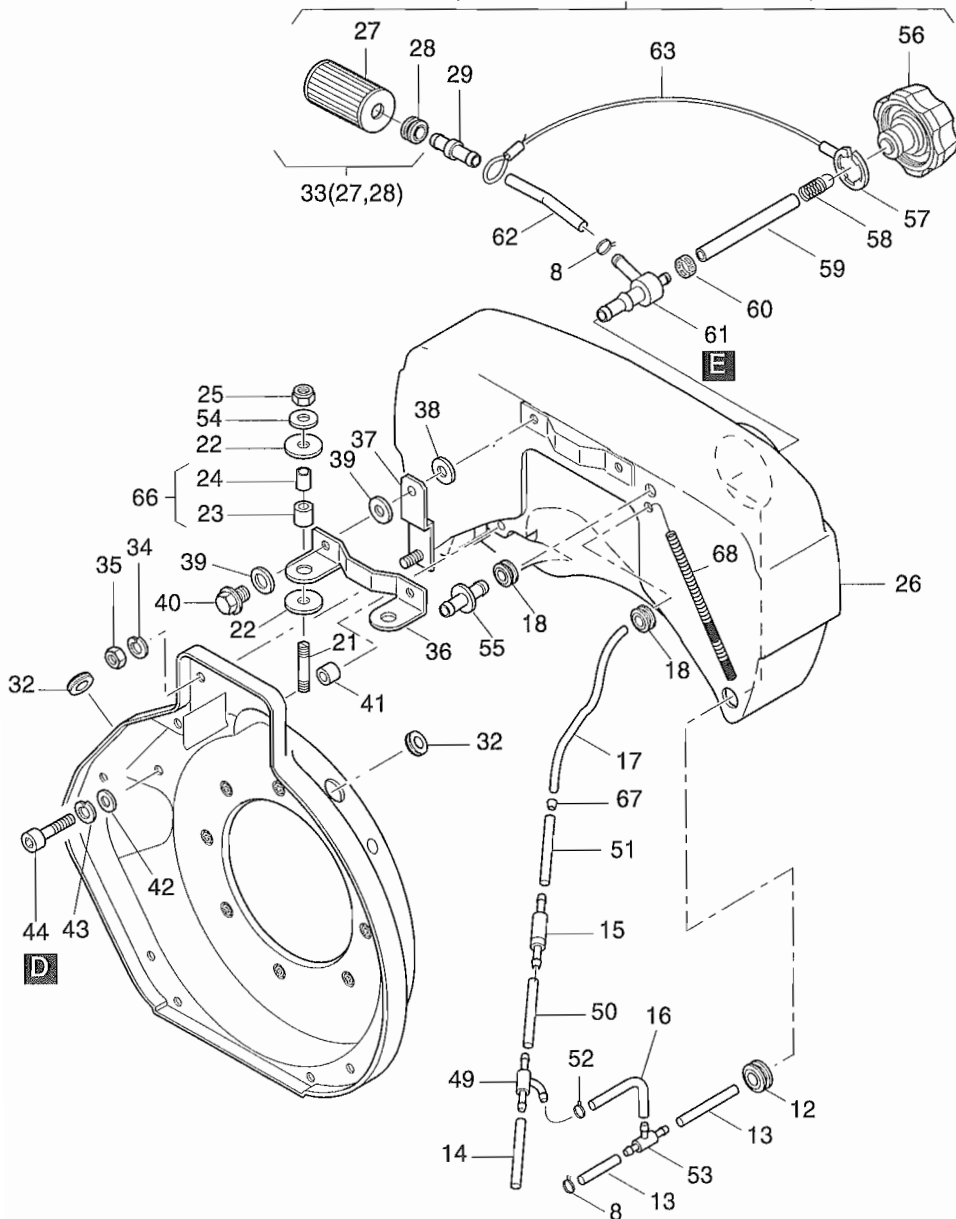
A 01

Kraftstoffbehälter
Fuel tank
Reservoir à carburant
Depósito combustible
Serbatoio

Tafel Nr.
Tabl. No.
Tavola N.

18

64(8,12,18,26-29,55-63)
65(8,12,17,18,26-29,51,55-63,67,68)



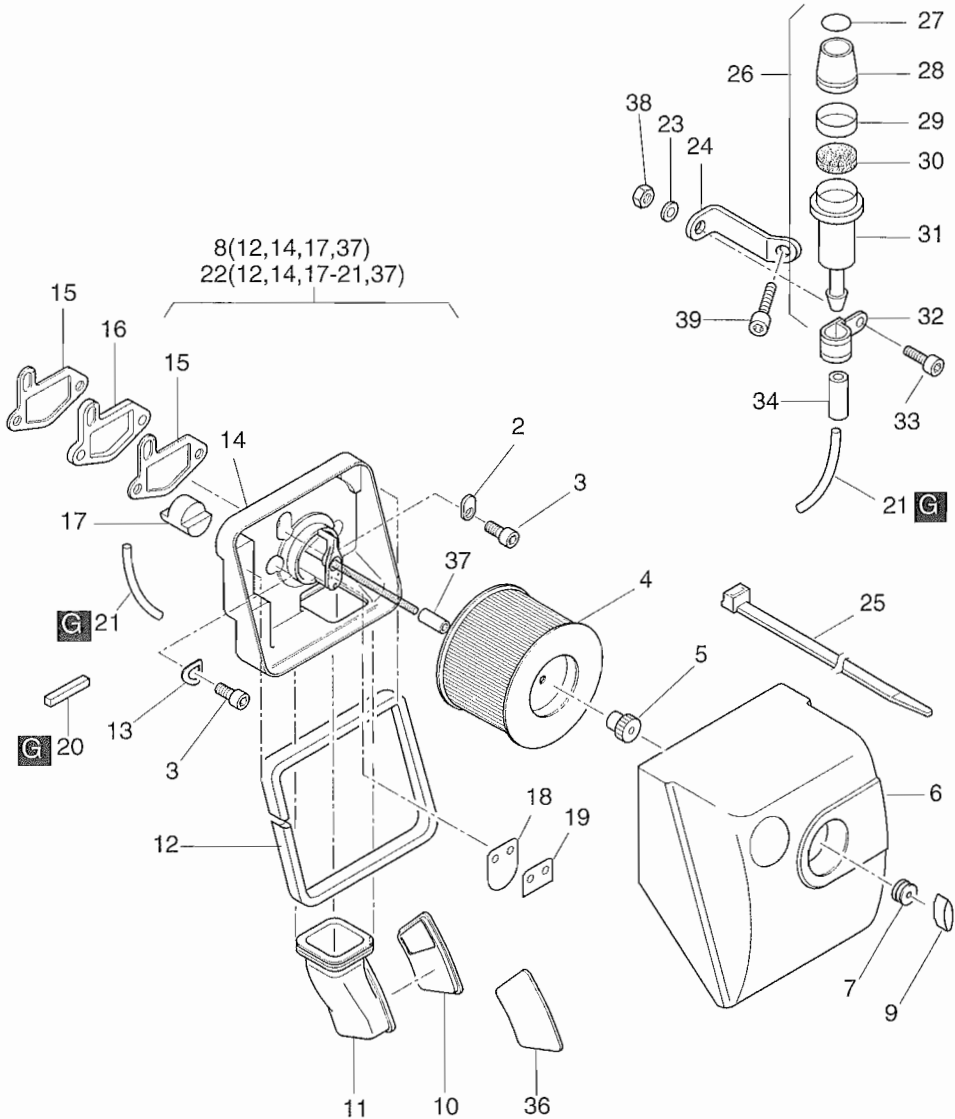
| Fig.-No. | HATZ Ident-No. | Stück Qty. | P / W d / D | Bemerkungen Notes |
|----------|-------------------|---------------|----------------|----------------------|
| | | 1B20V | 1B30V | |
| 55 | 051 296 10 | 1 | 1 | |
| 56 | 016 203 01 | 1 | 1 | |
| 57 | 504 800 00 | 1 | 1 | 20 x 1 DIN 984 |
| 58 | 504 792 00 | 1 | 1 | |
| 59 | 051 601 00 | 1 | - | 2,5 x 165 |
| 59 | 051 764 00 | - | 1 | 2,5 x 210 |
| 60 | 504 801 00 | 1 | 1 | |
| 61 | 016 239 00 | 1 | 1 | |
| 62 | 050 849 00 | 1 | - | 7 x 190 |
| 62 | 034 932 00 | - | 1 | 7 x 280 |
| 63 | 016 289 00 | 1 | - | ≈ 320 mm |
| 63 | 017 023 00 | - | 1 | ≈ 440 mm |
| 64 | 016 242 00 | 1 | - | 3 l |
| 65 | 017 018 00 | - | 1 | 5 l |
| 66 | 016 558 00 | 2 | 2 | |
| 67 | 051 265 00 | - | 1 | |
| 68 | 016 485 00 | - | 1 | 160 mm |

A 02

Luftfilter
Air filter
Filtre à air
Filtro de aire
Filtro aria

Tafel Nr.
Tabl. No.
Tavola N.

19



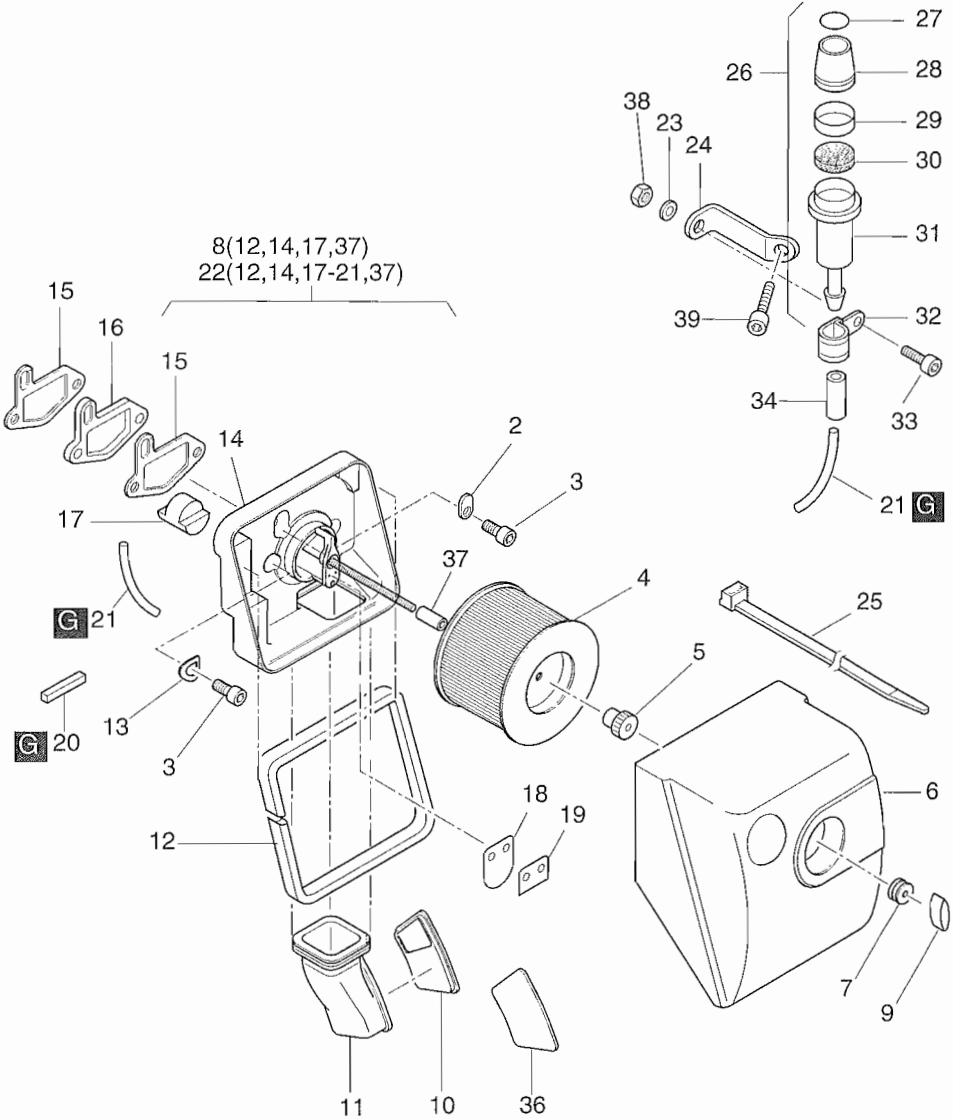
| Fig.-No. | HATZ Ident-No. | Stück Qty. | P / W d / D | Bemerkungen Notes |
|----------|-------------------|---------------|----------------|----------------------------|
| | | 1B20V | 1B30V | |
| 2 | 050 564 00 | 1 | 1 | |
| 3 | 501 715 00 | 3 | 3 | M 8 x 25 DIN 912 - 8.8 A3C |
| 4 | 504 260 00 | 1 | 1 | W2 |
| 5 | 504 543 00 | 1 | 1 | |
| 6 | 016 991 00 | 1 | - | |
| 6 | 016 993 00 | - | 1 | |
| 7 | 504 358 00 | 1 | 1 | |
| 8 | 016 079 01 | 1 | - | |
| 9 | 504 522 00 | 1 | 1 | |
| 10 | 041 042 00 | 1 | - | |
| 10 | 041 166 00 | - | 1 | |
| 11 | 041 030 00 | 1 | - | |
| 11 | 041 165 01 | - | 1 | |
| 12 | 052 161 00 | 1 | 1 | 545 mm |
| 13 | 500 951 00 | 2 | 2 | |
| 14 | ----- | - | - | |
| 15 | 050 563 00 | 2 | 2 | d2 |
| 16 | 016 003 00 | 1 | 1 | |
| 17 | 050 981 00 | 1 | 1 | |
| 18 | 051 471 00 | 1 | - | (schwarz, black, noir) |
| 19 | 051 472 00 | 1 | - | (rot, red, rouge) |
| 20 | 051 750 00 | 1 | - | 14 x 9 x 30 |
| 21 | 050 446 10 | 1 | - | 2 x 4 x 135 |
| 22 | 016 302 01 | 1 | - | f. Pos. 26 |
| 23 | 501 709 00 | 1 | - | 6 DIN 128 - A3C |
| 24 | 051 646 00 | 1 | - | |
| 25 | 503 584 00 | 1 | - | |
| 26 | 014 998 01 | 1 | - | (Pos. 27-31) |
| 27 | 050 445 01 | 1 | - | |
| 28 | 050 436 01 | 1 | - | |
| 29 | 050 456 00 | 1 | - | (grün, green, vert, verde) |
| 30 | 051 372 00 | 1 | - | Filter, Filtre, Filtro |
| 31 | 050 437 00 | 1 | - | |
| 32 | 501 735 00 | 1 | - | 10/15 |
| 33 | 501 707 00 | 1 | - | M 6 x 16 DIN 912 - 8.8 A3C |
| 34 | 039 177 00 | 1 | - | 3,5 x 140 |

A 02

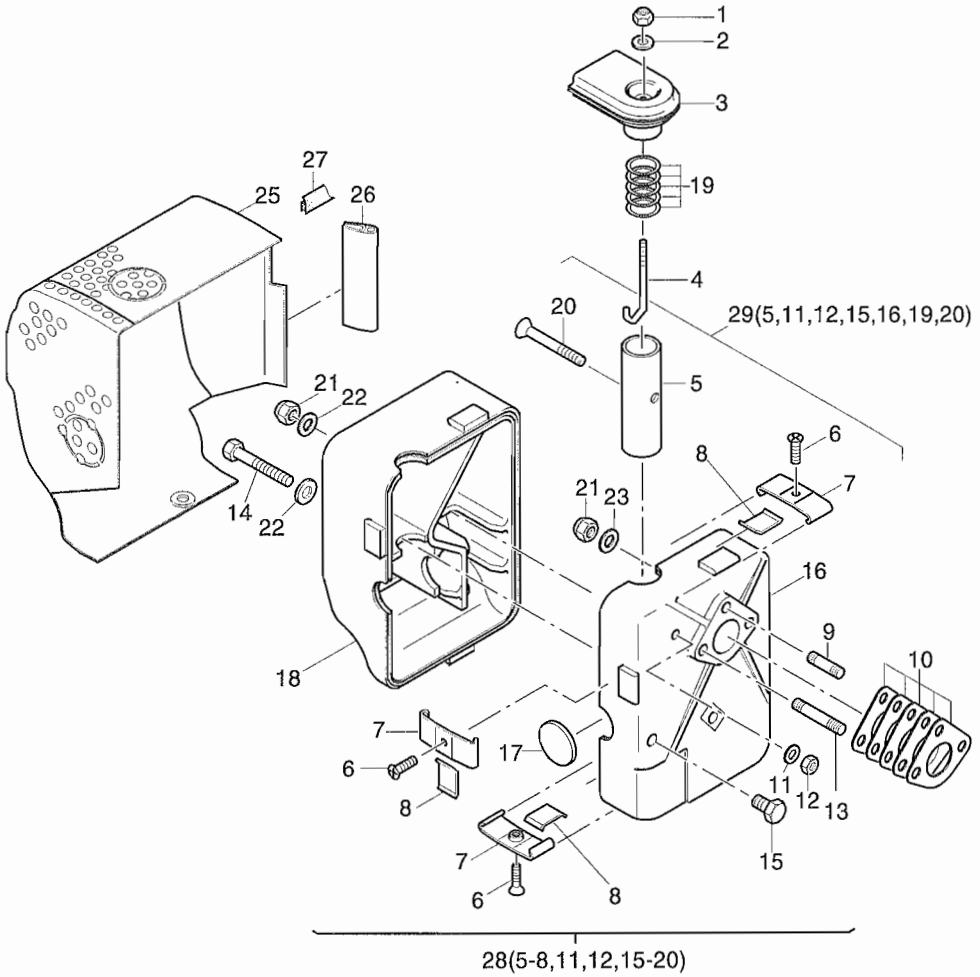
Luftfilter
Air filter
Filtre à air
Filtro de aire
Filtro aria

Tafel Nr.
Tabl. No.
Tavola N.

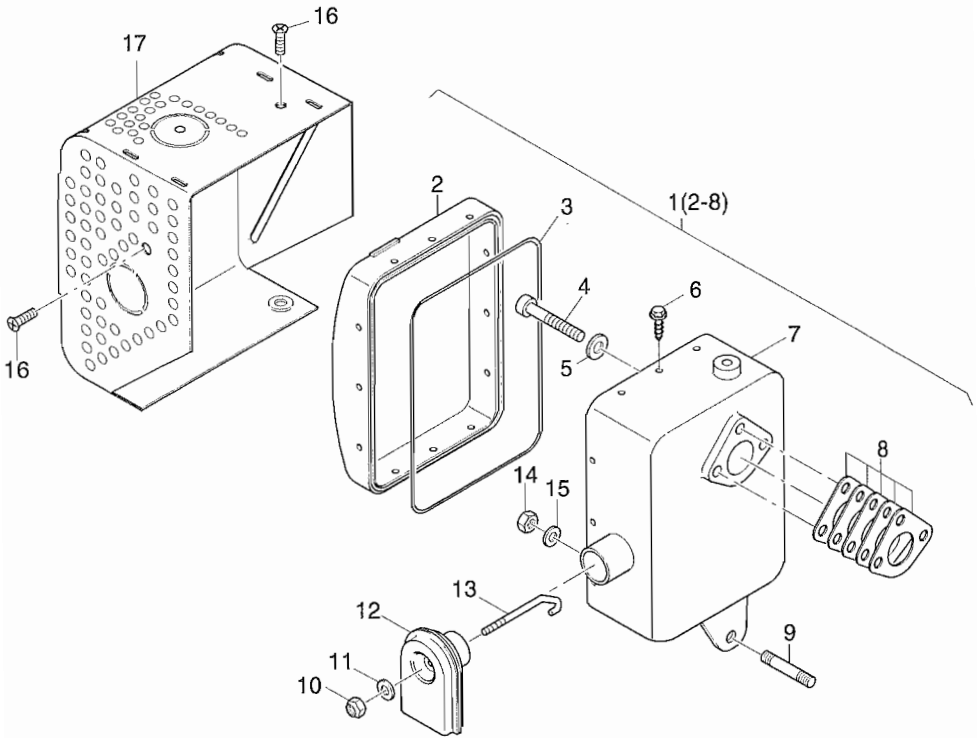
19



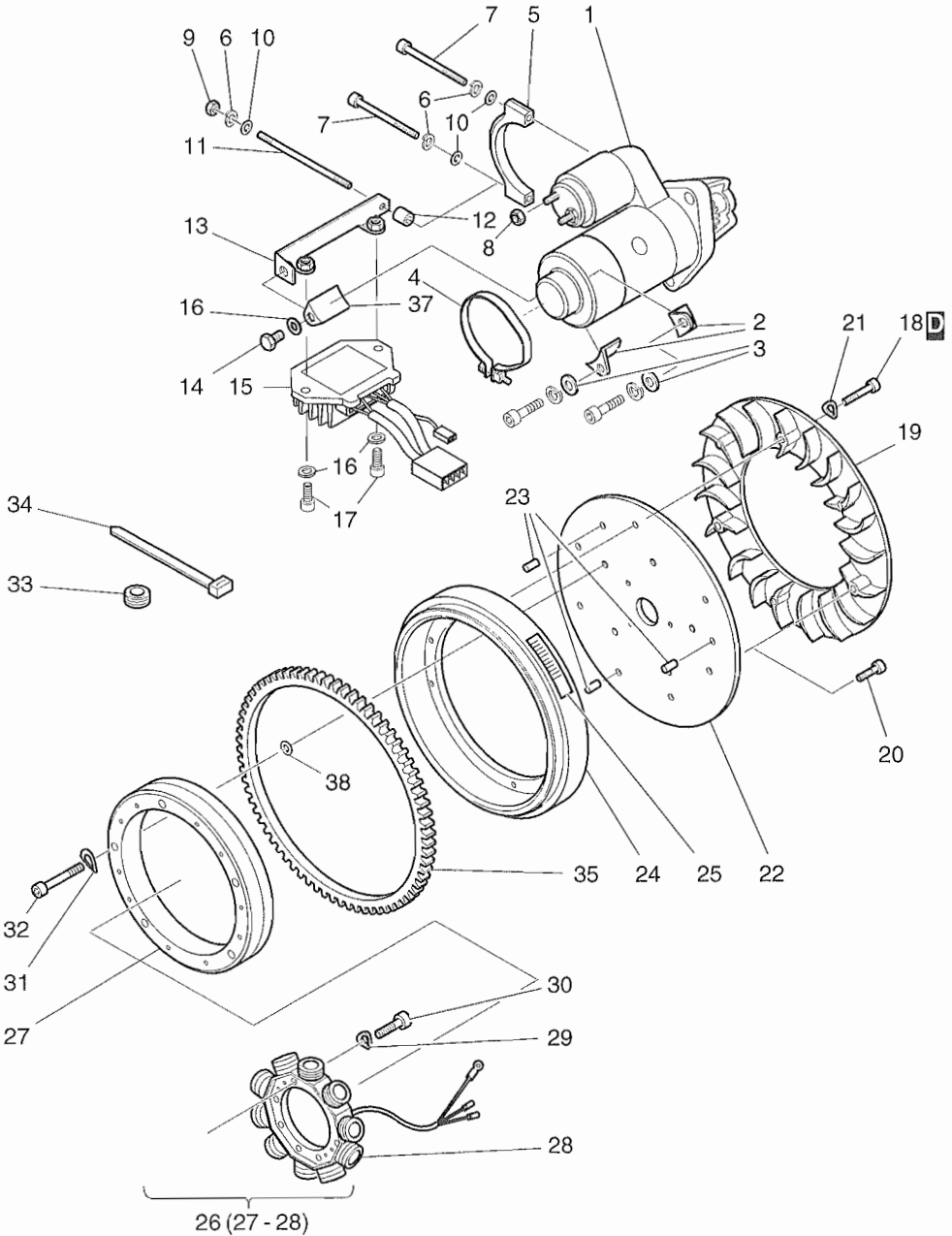
| Fig.-No. | HATZ Ident-No. | Stück Qty. | P / W d / D | Bemerkungen Notes |
|----------|-------------------|---------------|----------------|---------------------------------|
| | | 1B20V | 1B30V | |
| 36 | 041 138 00 | 1 | - | |
| 36 | 041 167 00 | - | 1 | |
| 37 | 051 662 00 | 1 | 1 | 32 mm |
| 38 | 501 444 00 | 1 | - | M 6 DIN 934 - 8 A3C |
| 39 | 501 706 00 | 1 | - | M 6 x 20 DIN 912 - 8.8 A3C |



| Fig.-No. | HATZ Ident-No. | Stück Qty. | P / W d / D | Bemerkungen Notes |
|----------|-------------------|---------------|----------------|--------------------------------|
| 1B20V | | | | |
| 1 | 400 283 00 | 1 | | M6 SSN 440 - 8 - C3P |
| 2 | 501 445 00 | 1 | | 6,4 DIN 125 - St A3C |
| 3 | 015 313 12 | 1 | | |
| 4 | 050 811 01 | 1 | | M6 |
| 5 | 050 814 10 | 1 | | |
| 6 | 504 225 00 | 3 | | M 6 x 12 DIN 7991 - 8.8 A3C |
| 7 | 015 312 01 | 3 | | |
| 8 | 050 816 11 | 3 | | |
| 9 | 501 281 00 | 2 | | M 8 x 30 DIN 835 - 10.9 A3C |
| 10 | 050 801 00 | 5 | d5 | |
| 11 | 501 445 00 | 1 | | 6,4 DIN 125 - St A3C |
| 12 | 400 283 00 | 1 | | M 6 SSN 440-8 C3P |
| 13 | 500 395 00 | 1 | | M 8 x 110 DIN 835 - 8.8 A3C |
| 14 | 500 288 00 | 1 | | M 8 x 90 DIN 931 - 8.8 A3C |
| 15 | 504 505 00 | 1 | | M 8 x 12 |
| 16 | ----- | - | | |
| 17 | 050 810 02 | 1 | | |
| 18 | ----- | - | | |
| 19 | 051 270 00 | 5 | | 28,1 x 34 x 0,5 |
| 20 | 504 450 00 | 1 | | M 6 x 35 DIN 7881 - 8.8 A3C |
| 21 | 400 284 00 | 3 | | DIN 980-8 C3A |
| 22 | 501 481 00 | 2 | | 8,4 DIN 125-St. A3C |
| 23 | 040 543 00 | 2 | | 8,4 x 21 x 3 |
| 24 | ----- | - | | |
| 25 | 015 323 01 | 1 | | |
| 26 | 051 003 00 | 1 | | 65 mm |
| 27 | 051 350 00 | 1 | | 33 mm |
| 28 | 015 311 05 | 1 | | |
| 29 | 015 977 00 | 1 | | |



| Fig.-No. | HATZ Ident-No. | Stück Qty. | P / W d / D | Bemerkungen Notes |
|----------|-------------------|---------------|----------------|----------------------------|
| | | 1B30V | | |
| 1 | 016 858 00 | 1 | | |
| 2 | ----- | - | | |
| 3 | 051 997 00 | 1 | | 650 mm |
| 4 | 504 040 00 | 3 | | M 8 x 30 DIN 912 - 8.8 C4P |
| 5 | 040 543 00 | 3 | | 8,4 x 21 x 3 |
| 6 | 504 872 00 | 12 | | 4,8 x 13 |
| 7 | ----- | - | | |
| 8 | 051 036 00 | 5 | d5 | |
| 9 | 505 041 00 | 1 | | M 6 x 16 DIN 835 - 8.8 A3C |
| 10 | 400 283 00 | 1 | | M 6 SSN 440-8 C3P |
| 11 | 501 445 00 | 1 | | 6,4 DIN 125 - St A3C |
| 12 | 015 313 12 | 1 | | |
| 13 | 050 811 01 | 1 | | M 6 |
| 14 | 400 283 00 | 1 | | M 6 SSN 440-8 C3P |
| 15 | 501 143 00 | 1 | | 6,4 DIN 7349 A3C |
| 16 | 504 225 00 | 2 | | M 6 x 12 DIN 7991 A3C |
| 17 | 016 457 01 | 1 | | |



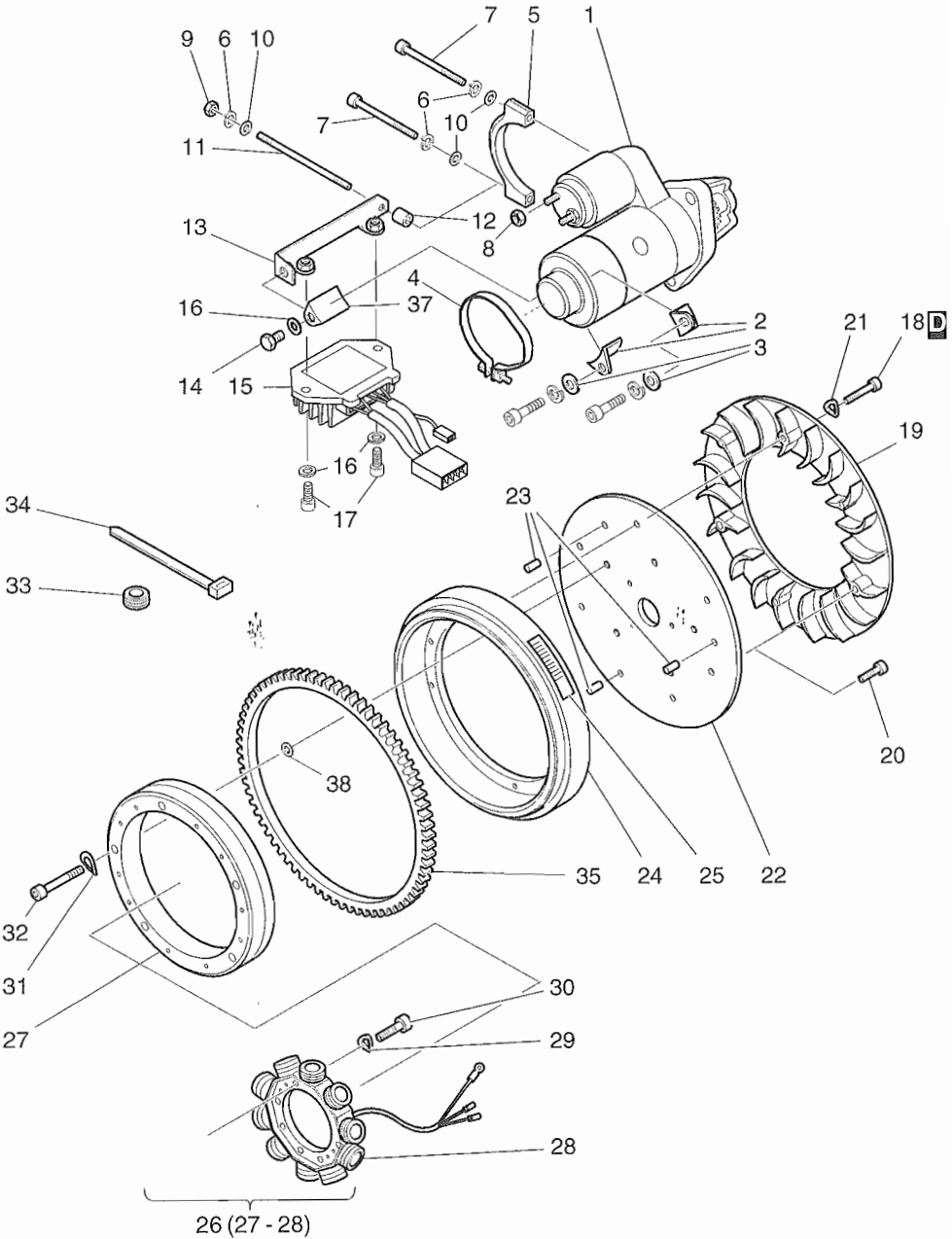
| Fig.-No. | HATZ Ident-No. | Stück Qty. | P / W d / D | Bemerkungen Notes |
|----------|-------------------|---------------|----------------|---------------------------------|
| | | 1B20V | 1B30V | |
| 1 | 017 234 00 | 1 | 1 | 12 V 1,0 kW |
| 1 | 504 833 00 | 1 | 1 | 24 V |
| 2 | 041 384 00 | 2 | 2 | |
| 3 | 501 481 00 | 2 | 2 | 8,4 DIN 125 - St A3C |
| 4 | 041 156 00 | 1 | 1 | |
| 5 | 040 991 00 | 1 | 1 | |
| 6 | 501 709 00 | 2 | 2 | 6 DIN 128 - A3C |
| 7 | 504 443 00 | 2 | 2 | M 6 x 80 DIN 912 - 8.8 A3C |
| 8 | 500 232 00 | 1 | 1 | BM8 DIN 439 - 5 A3C |
| 9 | 501 444 00 | 1 | 1 | M 6 DIN 934 - 8 A3C |
| 10 | 501 445 00 | 2 | 2 | 6,4 DIN 125 - St A3C |
| 11 | 504 559 00 | 1 | 1 | MFS 6 x 90 DIN 949 - 1 8.8 A3C |
| 12 | 036 714 00 | 1 | 1 | 7 x 12 x 15 |
| 13 | 015 609 00 | 1 | 1 | |
| 14 | 500 962 00 | 1 | 1 | M 8 x 12 DIN 933 - 8.8 A3C |
| 15 | 051 007 01 | 1 | 1 | 12 V |
| 15 | 014 250 22 | 1 | 1 | 24 V |
| 16 | 501 481 00 | 3 | 3 | 8,4 DIN 125 - St A3C |
| 17 | 501 654 00 | 2 | 2 | M 8 x 16 DIN 912 - 8.8 A3C |
| 18 | 503 273 00 | 6 | 6 | M 4 x 20 DIN 912 - 8.8 A3C |
| 19 | 041 937 00 | 1 | - | |
| 19 | 041 936 00 | - | 1 | |
| 20 | 504 168 00 | 3 | 3 | M 6 x 16 DIN 912 - 8.8 A3C Tuf. |
| 21 | 500 034 00 | 6 | 6 | A 4 DIN 137 - St |
| 22 | 040 987 20 | 1 | 1 | |
| 23 | 500 352 00 | 3 | 3 | 6 x 12 DIN 1481 55 Si 7 |
| 24 | 040 982 30 | 1 | - | |
| 24 | 041 101 20 | - | 1 | |
| 25 | 041 172 00 | 1 | - | „E-Start“ OT |
| 25 | 041 174 00 | - | 1 | „E-Start“ OT |
| 26 | 504 359 01 | 1 | 1 | 12 V |
| 26 | 015 800 00 | 1 | 1 | 24 V o. BATT. |
| 27 | ----- | - | - | |
| 28 | ----- | - | - | |
| 29 | 500 819 00 | 4 | 4 | A 5 DIN 137 A3C |
| 30 | 504 271 00 | 4 | 4 | M 5 x 25 DIN 912 - 8.8 A3C |
| 31 | 500 812 00 | 5 | 5 | A 6 DIN 137 A3C |
| 32 | 504 487 00 | 5 | 5 | M 6 x 30 DIN 6912 - 8.8 A3C |
| 33 | 035 654 00 | 1 | 1 | |
| 34 | 503 584 00 | 3 | 3 | |

A 05

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

Tafel Nr.
Tabl. No.
Tavola N.

22



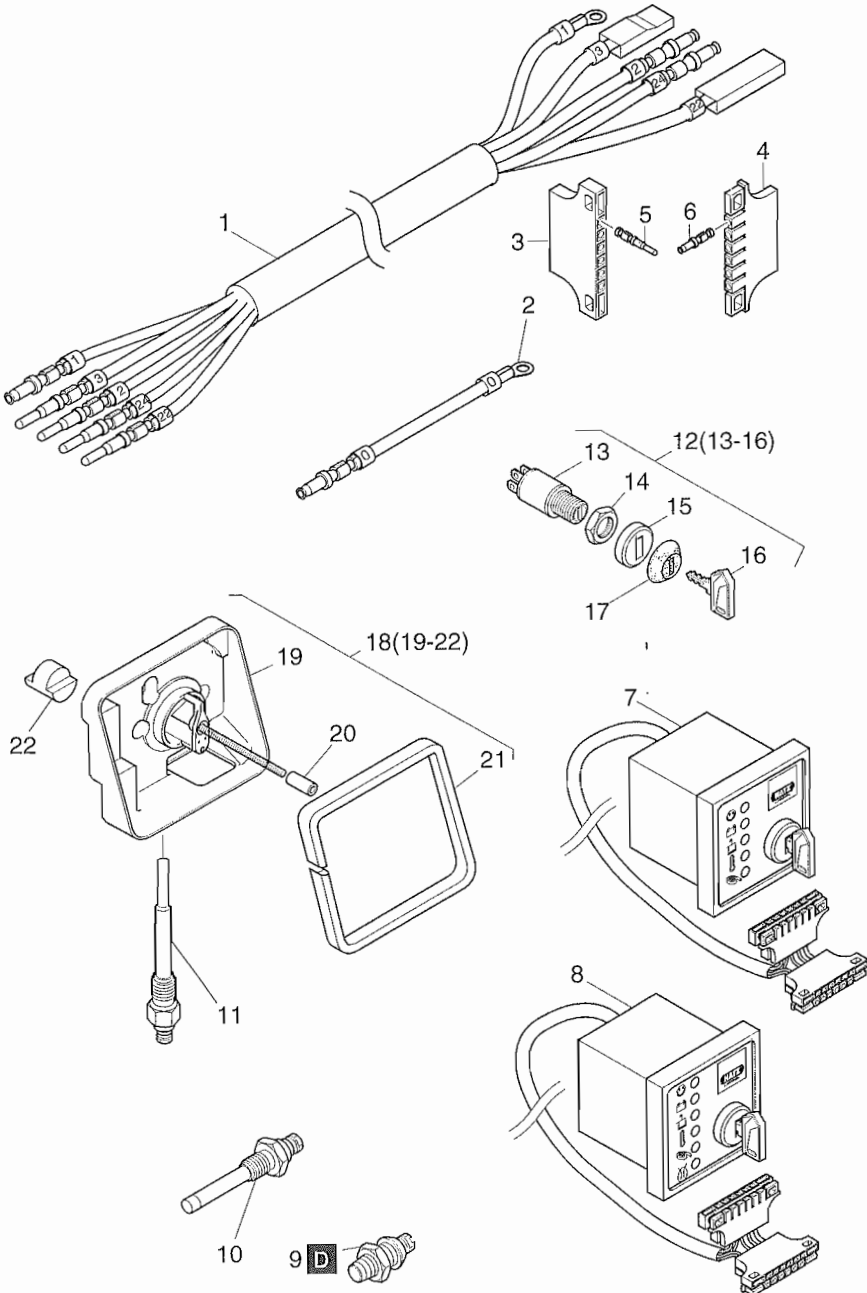
| Fig.-No. | HATZ Ident-No. | Stück Qty. | P / W d / D | Bemerkungen Notes |
|----------|-------------------|---------------|----------------|-------------------------|
| | | 1B20V | 1B30V | |
| 35 | 040 986 00 | 1 | - | |
| 35 | 041 080 00 | - | 1 | |
| 37 | 041 384 00 | 1 | 1 | |
| 38 | 501 143 00 | 5 | 5 | 6,4 DIN 7349 - A3C |

A 05
A 10

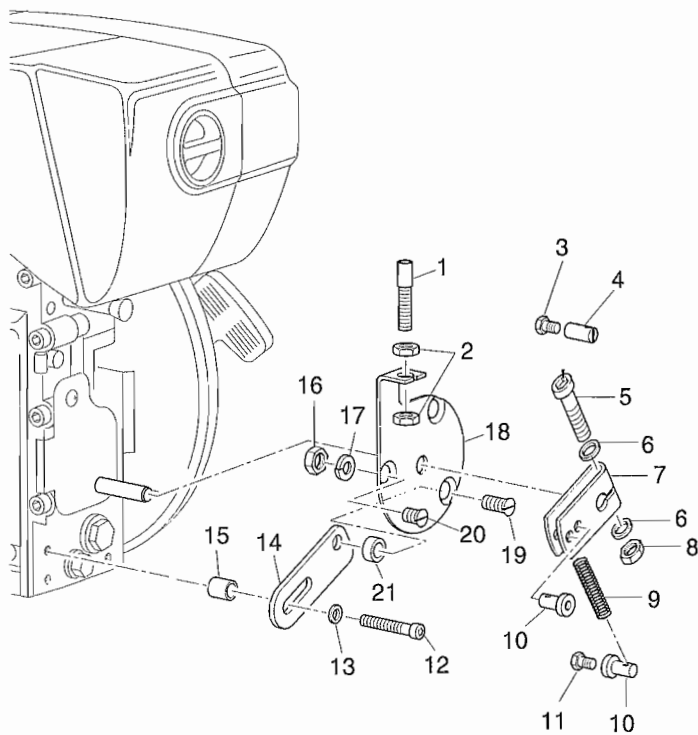
Armaturen, Leitungen
Electric equipment, wirings
Équipement électrique, cable
Equipo eléctrico, cables
Equipaggiamento elettrico, cablaggio

Tafel Nr.
Tabl. No.
Tavola N.

23



| Fig.-No. | HATZ Ident-No. | Stück Qty. | P / W d / D | Bemerkungen Notes |
|----------|-------------------|---------------|----------------|----------------------|
| | | 1B20V | 1B30V | |
| 1 | 015 422 00 | 1 | 1 | |
| 2 | 015 483 00 | 1 | 1 | (0) |
| 3 | 503 736 00 | 1 | 1 | |
| 4 | 503 737 00 | 1 | 1 | |
| 5 | 503 741 00 | 5 | 5 | 0,5 - 1,0 |
| 6 | 503 739 00 | 6 | 6 | 1,5 - 2,5 |
| 7 | 015 518 02 | 1 | 1 | 12 V |
| 8 | 015 589 01 | 1 | 1 | 12 - 24 V Aut. |
| 9 | 400 213 00 | 1 | - | Oil |
| 9 | 504 691 00 | - | 1 | Oil |
| 10 | 502 686 00 | 1 | 1 | Temp. |
| 11 | 504 492 00 | 1 | 1 | 12 V |
| 12 | 503 844 01 | 1 | 1 | |
| 13 | ----- | - | - | |
| 14 | ----- | - | - | |
| 15 | ----- | - | - | |
| 16 | 504 049 00 | 1 | 1 | Nr. 14644 |
| 17 | 051 264 02 | 1 | 1 | |
| 18 | 016 078 01 | 1 | 1 | |
| 19 | ----- | - | - | |
| 20 | 051 662 00 | 1 | 1 | 32 mm |
| 21 | 052 161 00 | 1 | 1 | 545 mm |
| 22 | 050 981 00 | 1 | 1 | |



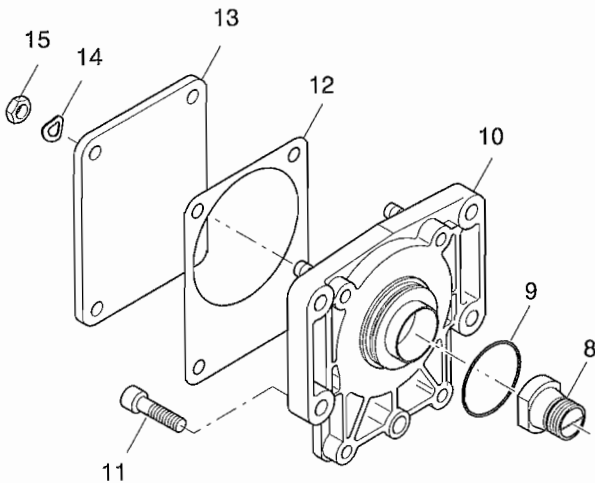
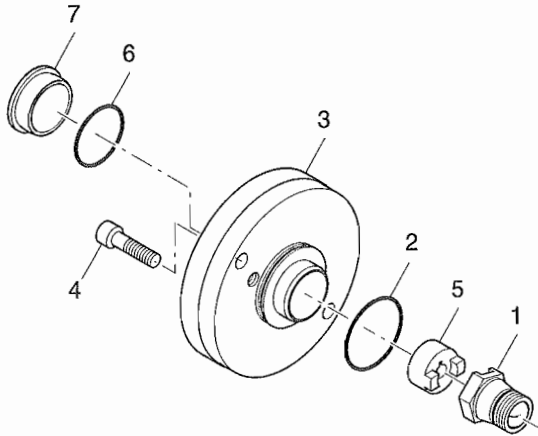
| Fig.-No. | HATZ Ident-No. | Stück Qty. | P / W d / D | Bemerkungen Notes |
|----------|-------------------|---------------|----------------|----------------------------|
| | | 1B20V | 1B30V | |
| 1 | 051 412 00 | 1 | 1 | M 6 |
| 2 | 501 444 00 | 2 | 2 | M 6 DIN 934-8 A3C |
| 3 | 500 250 00 | 1 | 1 | M 4 x 10 DIN 933-8.8 A3C |
| 4 | 504 830 00 | 1 | 1 | 2,2 NR. 1120 |
| 5 | 504 271 00 | 1 | 1 | M 5 x 25 DIN 912-8.8 A3C |
| 6 | 502 163 00 | 2 | 2 | 5,3 DIN 125-St A3C |
| 7 | 051 177 00 | 1 | 1 | |
| 8 | 500 943 00 | 1 | 1 | M 5 DIN 934-8 A3C |
| 9 | 504 846 00 | 1 | 1 | VD-179 E |
| 10 | 504 831 00 | 2 | 2 | 2,2 NR. 1450 |
| 11 | 500 250 00 | 1 | 1 | M 4 x 10 DIN 933-8.8 A3C |
| 12 | 502 488 00 | 1 | 1 | M 8 x 60 DIN 6912-8.8 A3C |
| 13 | 501 481 00 | 1 | 1 | 8,4 DIN 125-St A3C |
| 14 | 051 175 00 | 1 | 1 | |
| 15 | 041 785 00 | 1 | 1 | 9 x 14 x 27 |
| 16 | 503 283 00 | 1 | 1 | VM 6 DIN 980-8 A3C |
| 17 | 502 085 00 | 1 | 1 | 8 DIN 128 A3C |
| 18 | 051 176 00 | 1 | 1 | |
| 19 | 504 239 00 | 1 | 1 | M 6 x 20 DIN 7991-10.9 A3C |
| 20 | 503 808 00 | 1 | 1 | M 6 x 16 DIN 7991-8.8 |
| 21 | 032 929 00 | 1 | 1 | |

A 18

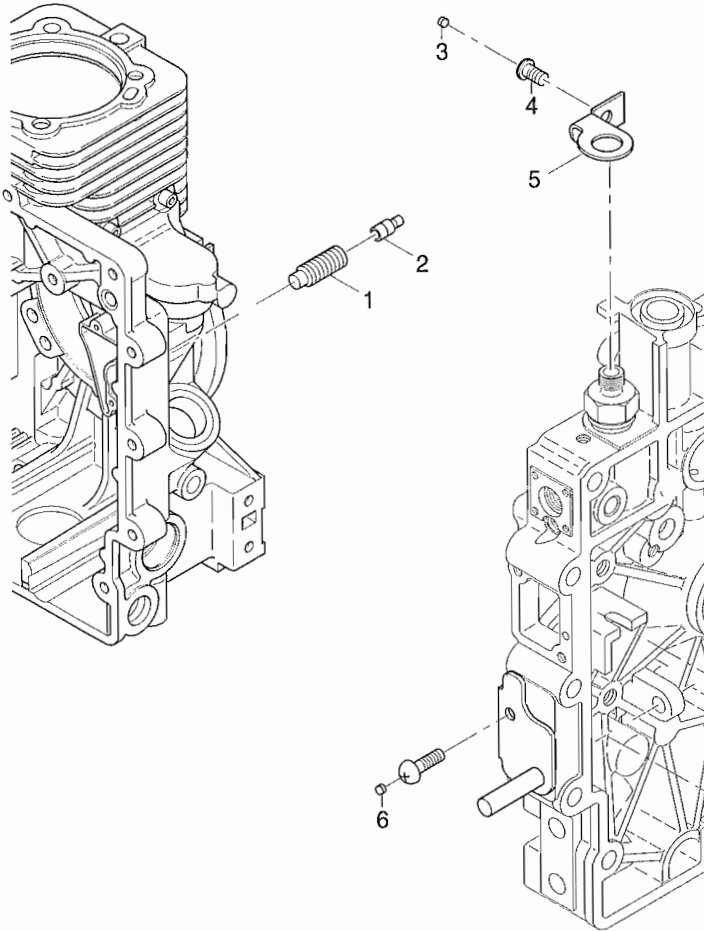
Anbauteile Hydraulikpumpe
Mount. parts hydr. pump
Pièces mont.-pompe hydr.
Piezas mont. bomba hidr.
Particorari per montaggio pompa idraulica

Tafel Nr.
Tabl. No.
Tavola N.

25



| Fig.-No. | HATZ Ident-No. | Stück Qty. | P / W d / D | Bemerkungen Notes |
|----------|-------------------|---------------|----------------|---------------------------|
| | | 1B20V | 1B30V | |
| 1 | 015 581 00 | 1 | 1 | |
| 2 | 504 545 00 | 1 | 1 | 44 x 1,5 |
| 3 | 051 150 00 | 1 | 1 | |
| 4 | 501 759 00 | 2 | 2 | M 8 x 30 DIN 912-8.8 A3C |
| 5 | 051 147 00 | 1 | 1 | |
| 6 | 502 882 00 | 1 | 1 | 32 x 2,5 |
| 7 | 501 631 01 | 1 | 1 | F 25 Ø 38,8 |
| 8 | 015 580 00 | 1 | 1 | |
| 9 | 504 545 00 | 1 | 1 | 44 x 1,5 |
| 10 | 016 648 00 | 1 | 1 | |
| 11 | 504 943 00 | 4 | 4 | M 8 x 20 DIN 912-8.8 Tuf. |
| 12 | 035 680 00 | 1 | 1 | |
| 13 | 037 616 00 | 1 | 1 | |
| 14 | 500 951 00 | 4 | 4 | A 8 DIN 137 A3C |
| 15 | 501 480 00 | 4 | 4 | |



| Fig.-No. | HATZ Ident-No. | Stück Qty. | P / W d / D | Bemerkungen Notes |
|----------|-------------------|---------------|----------------|-------------------------------|
| | | 1B20V | 1B30V | |
| 1 | 041 987 00 | 1 | 1 | |
| 2 | 041 505 00 | 1 | 1 | 6 |
| 3 | 041 706 00 | 2 | 2 | 4,3 |
| 4 | 504 950 00 | 1 | 1 | M 6 x 12 DIN 7380-10.9 A3C |
| 5 | 041 853 00 | 1 | 1 | |
| 6 | 052 015 00 | 1 | 1 | 3 |

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

IMT-No.

| | | |
|-------------|-------------|--------|
| 1 B 20 V.10 | 1 B 20 V.11 | 98.580 |
| 1 B 20 V.11 | 1 B 20 V.12 | 00.590 |
| 1 B 20 V.12 | 1 B 20 V.13 | 00.595 |
| 1 B 20 V.13 | 1 B 20 V.14 | 00.598 |
| 1 B 20 V.14 | 1 B 20 V.15 | 01.613 |

| | | |
|-------------|-------------|--------|
| 1 B 30 V.10 | 1 B 30 V.11 | 00.598 |
| 1 B 30 V.11 | 1 B 30 V.12 | 00.607 |
| 1 B 30 V 12 | 1 B 30 V.13 | 01.613 |