



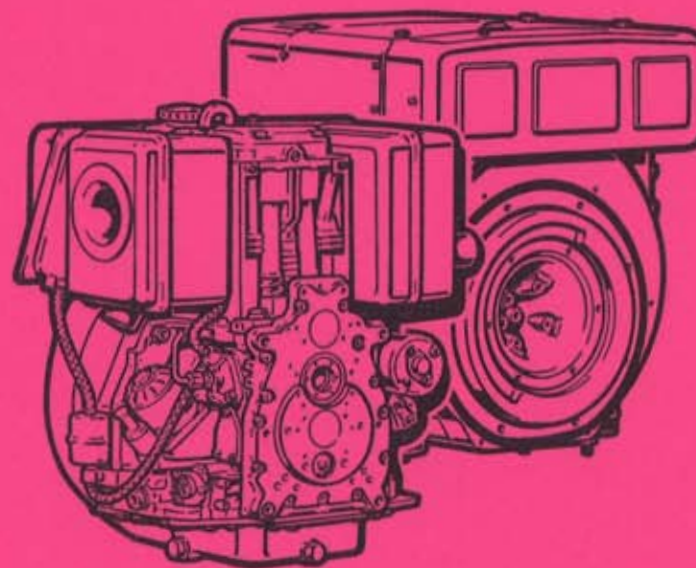
Motorenfabrik HATZ GmbH & Co KG
 D-8399 Ruhstorf a. d. Rott
 ☎ 08531/319-0 · 📠 57260 · 📠 Telefax 08531/319418

Ersatzteil-Liste
 Spare parts list
 Liste des pièces de rechange
 Lista de recambios
 Catalogo ricambi



1D20.
1D30.
1D35.
1D40.

1D60.
1D80.



No. 1 D 20.10
 No. 1 D 30.11
 No. 1 D 35.10
 No. 1 D 40.12

 No. 1 D 60.15
 No. 1 D 80.15

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Schutzgebühr DM 3.-
 Protection tax
 Taxe de protection
 Derecho de protección
 Tassa di protezione

WICHTIG - Bitte Daten eintragen
IMPORTANT - Compléter les données
IMPORTANTE - Completare i dati

IMPORTANT - Please enter data
IMPORTANTE - Favor completar datos

Bitte hier **Typ**, **Motornummer** und **Drehzahl** (siehe Motor-Typenschild) eintragen.

Enter here **type engine no.** and **rpm.** (see engine type-plate).

Indiquer ici le **type**, **N° de moteur** et **régime** (voir plaque signalétique).

Insertar aquí **tipo- N° motor** y **r.p.m.** (vea placa del motor).

Indicare qui il **tipo del motore**, la **matricola** e il **regime** (vedi targhetta)

MOTORENFABRIK HATZ ^{GMBH} KG			
D-8399 RUHSTORF/ROTT			
TYP	KENNZ.		
→			
MOTOR/FABRIK NO.	ABE/AUSEF.		
→			
MIN ¹	NH	PV	GM ²
→			
HATZ			
DIESEL			
MADE IN GERMANY (FED.REP.)			

Ersatzteilliste Nr.
Spare parts list no.
Liste des pièces de rechange no.
Lista de recambios no.
Catalogo ricambi n.

- | | |
|------------------------------------|------------------------------------|
| <input type="checkbox"/> 1 D 20.10 | <input type="checkbox"/> 1 D 30.11 |
| <input type="checkbox"/> 1 D 35.10 | <input type="checkbox"/> 1 D 40.12 |
| <input type="checkbox"/> 1 D 60.15 | <input type="checkbox"/> 1 D 80.15 |

Bitte tragen Sie hier die **Anschrift** Ihrer nächsten HATZ-Servicestelle ein.

Insert here **address** of your next HATZ Service station.

Indiquer ici l'**adresse** de votre station service HATZ la plus proche.

Insertar aquí **dirección** de servicio HATZ más cercano.

Indicare qui l'**indirizzo** dell'officina HATZ a voi più vicina.

→ HATZ-Service

MOTORENFABRIK HATZ
D - 8399 RUHSTORF a. d. ROTT
Germany

Angaben bei Ersatzteilbestellungen:

Zur richtigen und schnellen Belieferung mit Ersatzteilen sind folgende Angaben erforderlich:

1. **Type, Motornummer** und **Drehzahl** des Motors, für den das Ersatzteil benötigt wird: siehe Angaben auf Seite 1.
2. **Nummer der Ersatzteilliste**, aus der die Bestellnummer herausgelesen wurde: siehe Seite 1.
3. **Stückzahl** und **Bestell-Nr.** des gewünschten Ersatzteils
4. Gewünschte **Versandart**, z.B. Post, Luftfracht, Express.
5. Genaue **Versandadresse**, wenn erforderlich mit Post- und Bahnstation.

Bestellbeispiel:

Für Motortype: 1 D 60 - 151a
Motornummer: 89109000250
min⁻¹: 3000/60

aus Ersatzteilliste: 1 D 60.15
folgende Teile:

Stück	Bestell-Nr.
2	500 526 00
8	500 812 00

per Postexpress an....

Die Ersatzteilbestellung richten Sie bitte an:

– die nächste HATZ-Servicestelle,
Anschrift siehe Seite 1, oder separates
Servicestellenverzeichnis

– oder an die

Motorenfabrik HATZ GmbH & Co. KG
D - 8399 Ruhstorf a.d. Rott
Germany
Tel. 08531 / 319-0
Telex 57260
Telefax 08531 / 319 418

Particulars for spare parts orders:

The following information is needed to ensure correct and prompt supply of spare parts:

1. **Engine type, engine number** and **r.p.m.** of the engine for which you need the spare part.
See particulars on page 1.
2. **Number of spare parts list** from which you took the ordering no., see page 1.
3. **Quantity** and **ordering no.** of requested spare part.
4. Requested **mode of dispatch**, e.g. surface/airmail, airfreight, express.
5. Exact **shipping address**, if necessary indicate local post office and/or railway station.

Example for your order:

For engine type 1 D 60 - 151a
Engine number 89109000250
R.p.m. 3000/60

Spare parts list no. 1 D 60.15

The following parts:

Qty.	ordering-no.
2	500 526 00
8	500 812 00

to be mailed, express, to...

Please address your spare parts order to:

– your nearest HATZ service station,
address see page 1, or separate
HATZ-service-list

– or to

Motorenfabrik HATZ GmbH & Co. KG
D - 8399 Ruhstorf a.d. Rott
Germany
Tel. 08531 / 319-0
Telex 57260
Telefax 08531 / 319 418

Données à indiquer lors de vos commandes de pièces détachées:

Pour nous permettre de livrer vos pièces rapidement et correctement, nous avons besoin des données suivantes:

1. **Type, No. et régime du moteur** pour lequel vous avez besoin de pièces: voir données page 1.
2. **No de la liste de pièces de rechange** dans laquelle figure le No. de commande voir page 1.
3. **Quantité et No. de commande** de la pièce souhaitée.
4. **Mode d'expédition** souhaitée: par ex. par poste, fret aérien, exprès.
5. **Adresse** exacte de **destination** et, lorsque ceci est nécessaire, le nom de la poste et de la gare, ou aeroport.

Exemple:

Pour type de moteur: 1 D 60 - 151a
No. moteur: 89109000250
Régime: 3000/60
Liste de pièces de rechange: 1 D 60.15
Les pièces suivantes:
Qté. No. commande
2 500 526 00
8 500 812 00
par poste exprès à...

Les commandes de pièces détachées sont à adresser à:

– votre station-service HATZ la plus proche, voir adresse page 1, ou liste en service séparée.

– ou

Motorenfabrik HATZ GmbH & Co. KG
D - 8399 Ruhstorf a.d. Rott
Allemagne
Tel. 08531 / 319-0
Telex 57260
Telefax 08531 / 319 418

Datos para pedidos de recambios:

Para recibir sus recambios en forma rápida y correcta necesitamos las siguientes informaciones:

1. **Tipo, número del motor y revoluciones:** ver detalles en página 1.
2. **Número de la lista de recambios** de la cual se ha obtenido el número de pedido: ver página 1.
3. **Cantidad y número de pedido** del recambio deseado.
4. Tipo de **despacho deseado:** por ej. correo, fiete aereo, expreso etc.
5. **Dirección** exacta, si necesario indicar la oficina de correo, la estación ferrocarril o aeropuerto.

Ejemplo de pedido:

Para motor tipo: 1 D 60 - 151a
Número de motor: 89109000250
R.P.M. 3000/60
De la lista de recambios: 1 D 60.15
Sigüientes recambios:
Cantidad Número de pedido
2 500 526 00
8 500 812 00
Por correo expreso a...

El pedido de recambios favor dirigirlo a:

– Al servicio HATZ más cercano, dirección verla en página 1, o en el indice separado de direcciones de servicio.

– Alternativa a:

Motorenfabrik HATZ GmbH & Co. KG
D - 8399 Ruhstorf a.d. Rott
Alemania
Tel. 08531 / 319-0
Telex 57260
Telefax 08531 / 319 418

Dati da indicare al momento dell'ordine di ricambi:

Per permetterci di consegnare correttamente e con rapidità i vostri ricambi, abbiamo bisogno dei seguenti dati:

1. **Tipo motore, matricola e regime** di rotazione del motore del quale effettuate l'ordine: vedi dati pagina 1.
2. **Numero del catalogo ricambi** dal quale avete effettuato l'ordine: vedi pagina 1.
3. **Quantità e codice** del particolare desiderato.
4. **Modo di spedizione** desiderato:
es. per posta, via aerea, corriere.
5. **Indirizzo** esatto del **destinatario** e se necessario, il nome della stazione o aeroporto.

Esempio:

Per tipo di motore: 1 D 60 - 151a
Matricola: 89109000250
Regime: 3000/60
Catalogo ricambi: 1 D 60.15

I seguenti particolari:

Q.tà	Codice
2	500 526 00
8	500 812 00

con pacco postale espresso a...

Gli ordini di parti di ricambio devono essere inviati a:

– il vostro concessionario HATZ più vicino, vedi indirizzo pagina 1, oppure il libretto service HATZ.

– oppure

Motorenfabrik HATZ GmbH & Co. KG
D - 8399 Ruhstorf a.d. Rott
Tedesca
Tel. 08531 / 319-0
Telex 57260
Telefax 08531 / 319 418

	Inhaltsverzeichnis	Index	
M ..	Grundmotor	Basic engine	
00	Ersatzteilsätze	Spare part kits	01
34	Zubehör	Accessories	02
01	Kurbelgehäuse	Crankcase	03+04
02, 03	Kurbelwelle,	Crankshaft	05
04	Nockenw., Massenausgleich	Camshaft, Compensation of masses	06
05, 06	Kolben, Pleuelstange, Zylinder	Piston, conrod, cylinder	07
07	Zylinderkopf	Cylinder head	08
09, 17	Stoßstange, Schwungrad	Pushrod, flywheel	09
10,	Ölpumpe, Regler	Oil pump, governor	10
11	Steuerdeckel	Timing cover	11
12, 14	Startfüllung, Einspritzausrüstung	Extra fuel device, Injection equipment	12
26	Luftführung S, Z, T, U	Air ducting S, Z, T, U	13
26	Luftführung 1 D 35	Air ducting 1 D 35	14
26	Luftführung C	Air ducting C	15
32	Drehzahlverstellung, Aufzugvorr.	Speed control, lifting bracket	16
35	Kapsel C	Capsule C	17 + 18
A ..	Zusatzausrüstung	Equipments	
01	Kraftstoffbehälter	Fuel tank	19
01	Kraftstoffbehälter 1 D 35	Fuel tank 1 D 35	20
01	Förderpumpe	Fuel feed pump	21
02	Luftfilter	Air filter	22
02	Luftfilter 1 D 35	Air filter 1 D 35	23
03	Abgasdämpfer S, Z, T, U	Exhaust silencer S, Z, T, U	24
03	Abgasdämpfer C	Exhaust silencer C	25
04	Andrehkurbel, Rücklaufsperr	Starting handle, return stop	26
04	Reversierstarter	Recoil starter	27
05	Starter, Generator,	Starter, alterantor,	28
	Armaturenkasten	Instrument box	29
06	Motorfüße	Engine brackets	30
15	Anschlußgehäuse	Intermediate housing	31
16	Wellenstummel, elast. Kupplung	Stubshaft, Flexible coupling	32
17	Kupplung dauerausrückbar	Clutch perm. disconn.	33
18	Anbauteile Hydraulikpumpe	Mount. parts hydr. pump	34

	Sommaire:	Indice	
M ..	Moteur de base	Motor de base	
00	Jeux de pièces de rechange	Juegos de piezas de recambios	01
34	Accessoires	Accesorios	02
01	Carter moteur	Caja cigueñal	03+04
02, 03	Vilebrequin	Cigüeñal	05
04	Arbre à cames	Arbol de levas	
	Équilibrage des masses	Compensación de las masas	06
05, 06	Piston, bielle, cylindre	Émbolo, biela, cilindro	07
07	Culasse	Culata	08
09, 17	Tige de culbuteur, volant	Varilla de balancín, volante	09
10	Pompe à huile, régulateur	Bomba de aceite, regulador	10
11	Couvercle distribution	Tapa de mando	11
12, 14	Surcharge, Équipement d'injection	Sobre aliment.-arranque, Equipo de inyección	12
26	Carter ventilation S, Z, T, U	Conducción de aire S, Z, T, U	13
26	Carter ventilation 1 D 35	Conducción de aire 1 D 35	14
26	Carter ventilation C	Conducción de aire C	15
32	Réglage régime, étrier	Ajuste de revoluciones, estribo	16
35	Capsule C	Cápsula C	17 + 18
A ..	Accessoires	Equipos	
01	Reservoir à carburant	Depósito combustible	19
01	Reservoir à carburant 1 D 35	Depósito combustible 1 D 35	20
01	Pompe d'alimentation	Bomba de alimentación	21
02	Filtre à air	Filtro de aire	22
02	Filtre à air 1 D 35	Filtro de aire 1 D 35	23
03	Silencieux S, Z, T, U	Silenciador S, Z, T, U	24
03	Silencieux C	Silenciador C	25
04	Manivelle, disp. anti-retour	Manivela, bloqueo de retroces	26
04	Demarreur reversible	Arrancador reversible	27
05	Demarreur, alternateur	Arrancador, alternador	28
	Boitier de bord	Cuadro de mando	29
06	Pieds moteur	Soportes del motor	30
15	Bride raccord	Caja de conexión	31
16	Bout de arbre, accouplement elastic	Eje, acoplamiento elastico	32
17	Embrayage depr. continu.	Embrague permanente	33
18	Pièces mont.-pompe hydr.	Piezas mont. bomba hydr.	34

Indice		Tavola N.
M ..	Motore di base	
00	Serie guarnizioni	01
34	Kit accessori	02
01	Basamento motore	03 + 04
02, 03	Albero a gomito	05
04	Albero a camme,	
	Contrappesi di equilibratura	06
05, 06	Pistone, biella, cilindro	07
07	Testa	08
09, 17	Asta bilancieri, volano	09
10	Pompa olio, regolatore	10
11	Coperchio distribuzione	11
12, 14	Supplemento	
	Equipaggiamento iniezione	12
26	Carter ventilatore S, Z, T, U	13
26	Carter ventilatore 1 D 35	14
26	Carter ventilatore C	15
32	Regolatore di giri,	
	Anello di trasporto	16
35	Cofanatura silenziata C	17 + 18
A ..	Accessori	
01	Serbatoio combustibile	19
01	Serbatoio combustibile 1 D 35	20
01	Pompa A. C.	21
02	Filtro aria	22
02	Filtro aria 1 D 35	23
03	Marmitta S, Z, T, U	24
03	Marmitta C	25
04	Manovella	26
04	Avviamento a strappo	27
05	Motorino avviamento, alternatore	28
	Cruscotto	29
06	Staffe supporto motore	30
15	Flange accoppiamento	31
16	Contralbero, giunto elastico	32
17	Frizione	33
18	Particolari per montaggio pompa idraulica	34

M 00

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

Tafel Nr.
Tabl. No.
Tavola N.

01

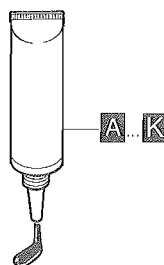
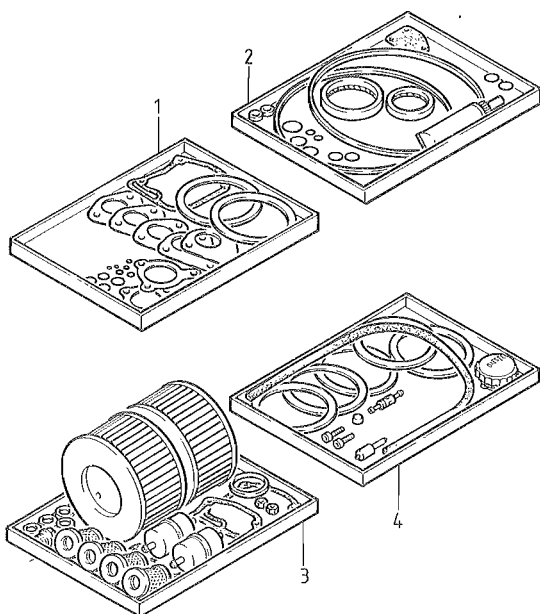


Fig.- No.	HATZ Ident-No.	Stück Qty.	1D20	1D30	1D60	1D80	P / W d / D	Bemerkungen Notes
				1D35 1D40				
<p>W: Im Wartungssatz enthalten. Incl. in maintenance kit. Contenu dans le jeu d'entretien. Incluido en el juego de mantenimiento. Contenuto nella serie manutenzione</p> <p>d: Im Dichtungssatz f. 1 Zyl.-Kopf enthalten. Incl. in gasket set f. 1 cyl. head. Contenu dans le jeu de joint p. 1 culasse. Incluido en el juego de juntas p. 1 culata. Contenuto nella serie guarnizioni p. 1 testa.</p>								<p>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.</p> <p>D: Im Dichtungssatz Kurbelgeh. Incl. in gasket set crankcase. Contenu dans le jeu de joints carter moteur. Incluido en el juego de juntas caja cigueñal. Contenuto nella serie guarnizioni basamento.</p> <p>1: Anzahl pro Satz - Qty. per kit Quantite par jeu Cantidad por juego Quantità per serie</p>
1	01279600	1	-	-	-	-	P1	Dichtungssatz für 1 Zylinderkopf
1	01279700	-	1	-	-	-	P1	Gasket set for 1 cyl. head
1	01264200	-	-	1	-	-	P1	Jeu de joint p. 1 culasse
1	01249200	-	-	-	1	-	P1	Juego de juntas para 1 culata Serie guarnizioni per 1 testa
2	01279800	1	1	-	-	-		Dichtungssatz für Kurbelgehäuse
2	01249310	-	-	1	1	-		Gasket set for crankcase Jeu de joints p. carter moteur Juego de juntas para caja cigueñal Serie guarnizioni basamento
3	01279900	1	1	-	-	-		Wartungssatz für 1000 h
3	01249400	-	-	1	1	-		1000 hours maintenance kit
3	01292600	1	1	-	-	-	*	Kit d'entretien 1000 heures - Juego
3	01280800	-	-	1	1	-	*	de piezas para servicio 1000 horas Kit di manutenzione a 1000 ore
4	01280000	1	-	-	-	-		Pannensatz - Emergency kit
4	01280100	-	1	-	-	-		Kit de secours - Juego para averias
4	01264300	-	-	1	-	-		Kit di prima necessità
4	01249500	-	-	-	1	-		

* ohne Ölfilter, without oil filter, sans filtre à huile

M 34

Zubehör
Accessories
Accessoires
Accesorios
Kit accessori

Tafel Nr.
Tabl. No.
Tavola N.

02

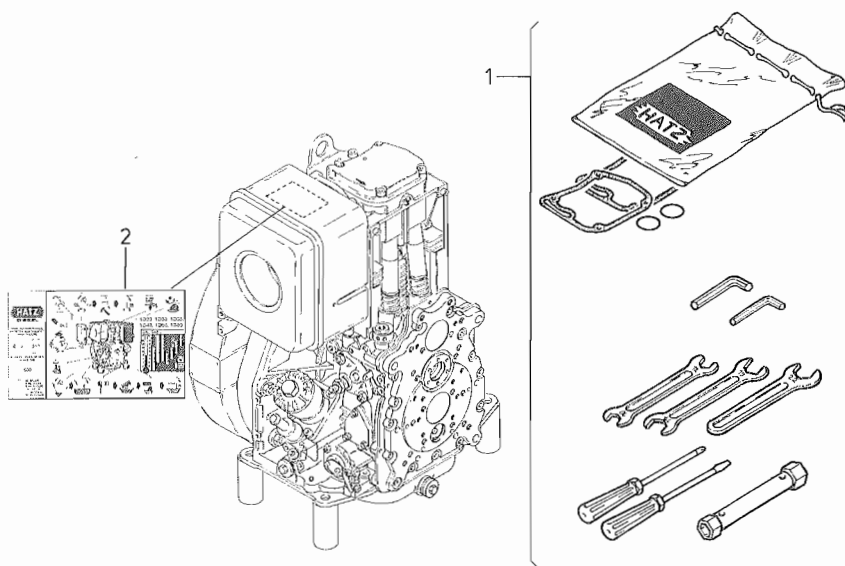


Fig.- No.	HATZ Ident-No.	Stück Qty.				P / W d / D	Bemerkungen Notes
		1D20	1D30	1D60	1D80		
			1D35				
			1D40				
1	01247500	1	1	1	1		Zubehörsatz - Accessoires kit Sort. accessoires Juego de accesorios Serie accessorie
2	04048300	1	1	1	1		

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

Materias para empaquetar y pegar
Adesivi e collanti

A = 502 230 00	Loctite Activator N	165 ml	} siehe Hinweis auf den einzelnen Bildtafeln as specified in the individual tables suivant les remarques sur les tableau correspondant según las indicaciones de las tablas correspondientes seguire le indicazioni sul quadro corrispondente
B = 502 231 00	Loctite 573	50 ml	
C = 502 232 00	Loctite 601	50 ml	
D = 502 233 00	Loctite 221	50 ml	
E = 502 234 00	Loctite 648	10 ml	
F = 502 238 00	Technicoll 8058	0,75 kg	
+ 502 239 00	Technicoll 8366	0,75 kg	
G = 502 565 01	Loctite IS 407	20 ml	
H = 502 825 01	Silicon	30 ml	
J = 502 830 01	Hochtemp. Paste	500 g	
K = 503 426 00	Hochtemp. Fett	100 g	

M 01

Kurbelgehäuse
Crankcase
Carter moteur
Caja cigueñal
Basamento motore

Tafel Nr.
Tabl. No.
Tavola N.

03

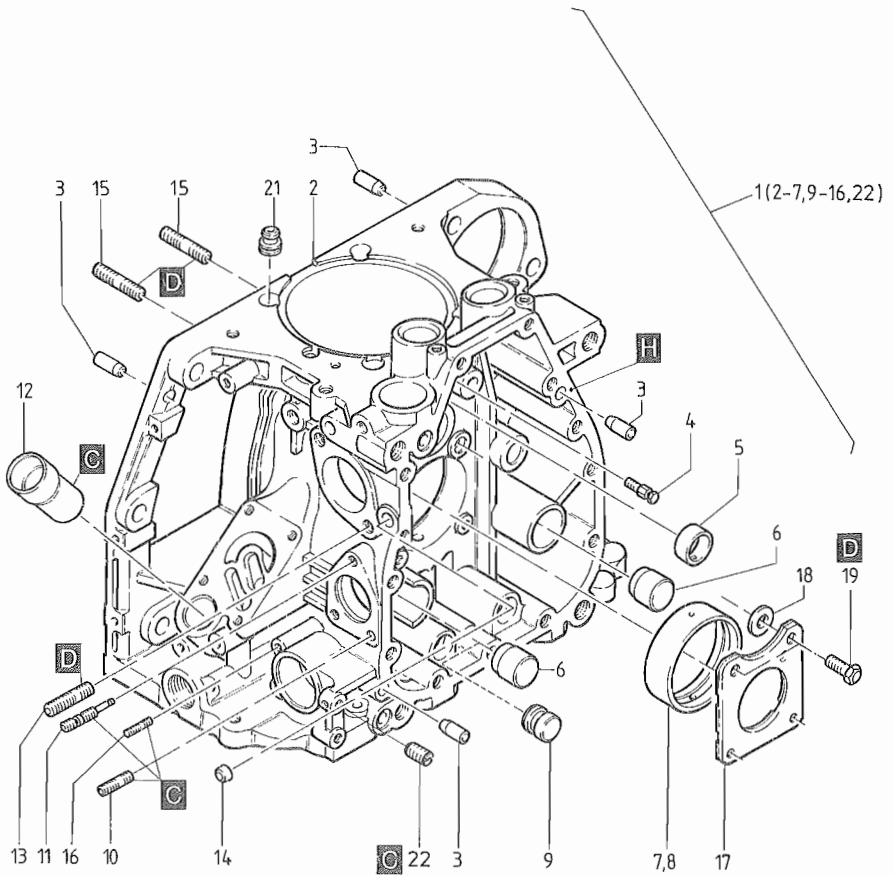


Fig.- No.	HATZ Ident-No.	Stück Qty.				P / W d / D	Bemerkungen Notes
		1D20	1D30	1D60	1D80		
			1D35				
			1D40				
1	01270210	1	1	-	-		
1	01302400	-	1	-	-		1 D35
1	01249030	-	-	1	1		
2	-----	-	-	-	-		
3	50249100	4	4	4	4		
4	01269500	1	1	-	-		
4	03793900	-	-	1	1		
5	03793800	1	1	1	1		
6	04022700	1...2	1...2	-	-		Ø 25 mm S, T
6	03794000	-	-	1...2	1...2		Ø 22 mm S, T
7	04022500	1	1	-	-		
7	03793700	-	-	1	1		
8	04048800	1	1	-	-		- 0,5 mm
8	04033700	-	-	1	1		- 0,5 mm
9	04023600	0...1	0...1	-	-		Ø 25 mm Z, C, U
9	04000800	-	-	0...1	0...1		Ø 22 mm Z, C, U
10	50144300	2	2	2	2		M 6 X 16 DIN 835-A3C
11	03794500	1	1	1	1		
12	03794800	1	1	1	1		
13	50098300	2	2	2	2		M 8 X 20 DIN 835-8.8 A3C
14	50325500	1	1	1	1		10 DIN 443-St
15	50037600	8	8	8	8		M 8 X 20 DIN 835-10.9
16	50328200	3	3	3	3		M 6 X 22 DIN 835-8.8 A3C
17	04011630	1	1	1	1		
18	04059010	4	4	4	4		
19	04059300	4	4	4	4		M 8 X 28
20	-----	-	-	-	-		
21	50384600	-	-	4	4		
22	50357700	1	1	1	1		M 8 X 10 DIN 551 Alu

M 01

Kurbelgehäuse
Crankcase
Carter moteur
Caja cigueñal
Basamento motore

Tafel Nr.
Tabl. No.
Tavola N.

04

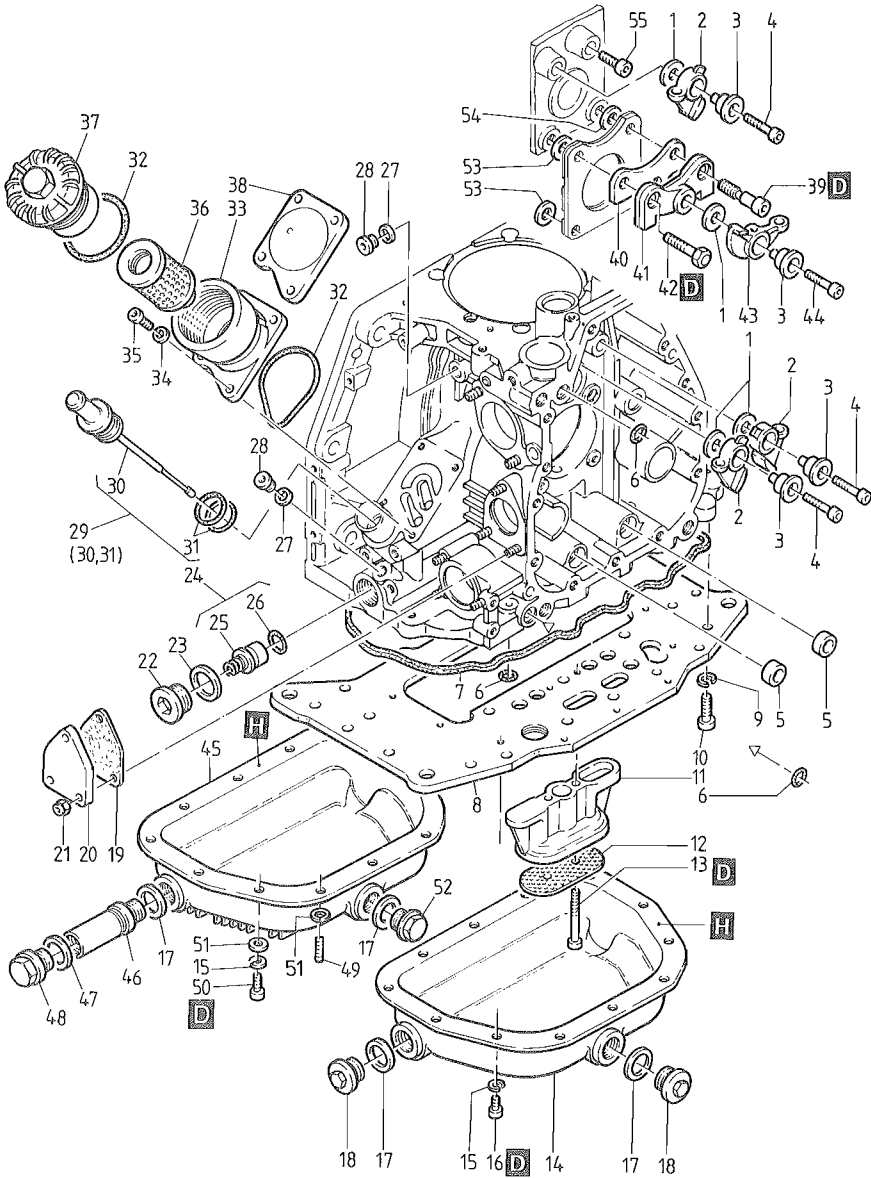


Fig.- No.	HATZ Ident-No.	Stück Qty.				P / W d / D	Bemerkungen Notes
		1D20	1D30	1D60	1D80		
			1D35				
			1D40				
1	03794100	2	2	2	2		
2	03794300	2	2	2	2		(T-U=1)
3	03794201	2	2	2	2		
4	50051000	2	2	2	2		M 6 X 30 DIN 912-8.8 (T-U=1)
5	03795800	2	2	2	2	D1	12 X 18,3 X 7,3
6	50329000	3	3	3	3	D3	9,5 X 2,5
7	03795100	1	1	1	1	D1	265 X 269,4 X 3,6
8	01270300	1	1	-	-		
8	01302200	-	1	-	-		1D35
8	01248800	-	-	1	1		
9	50347300	22	22	22	22		8 DIN 7980 A3C
10	50171500	22	22	22	22		M 8 X 25 DIN 912-8.8 A3C
11	04023300	1	1	-	-		
11	03794900	-	-	1	1		
12	03795000	1	1	1	1		
13	50051100	2	2	-	-		M 6 X 30 DIN 6912-8.8
13	50327100	-	-	2	2		M 6 X 50 DIN 6912-8.8
14	01255410	1	1	-	-		S, Z, T, U
14	01241700	-	-	1	1		S, Z, T, U
15	50170900	12	12	12	12		6 DIN 128 A3C
16	50329100	12	12	12	12		M 6 X 10 DIN 912-8.8
17	50001600	2	2	2	2	D2,W4	A 22 X 27 DIN 7603-Cu
18	50373100	2	2	2	2	W1	AM 22 X 1,5
19	03794600	1	1	1	1	D1	
20	03794700	1	1	1	1		
21	50328300	3	3	3	3		VM6 DIN 980-8 A3C
22	04011100	1	1	1	1		M 24 X 1,5
23	50286400	1	1	1	1	D1	A 24 X 29 DIN 7603-Cu
24	00328801	1	1	1	1		
25	-----	-	-	-	-		
26	50224500	1	1	1	1	D1	13,3 X 2,4
27	50062400	2	2	2	2	D2	A 10 X 13,5DIN 7603-Cu
28	50062300	2	2	2	2		M 10 X 1 DIN 908-5.8 A3C

M 01

Kurbelgehäuse
Crankcase
Carter moteur
Caja cigueñal
Basamento motore

Tafel Nr.
Tabl. No.
Tavola N.

04

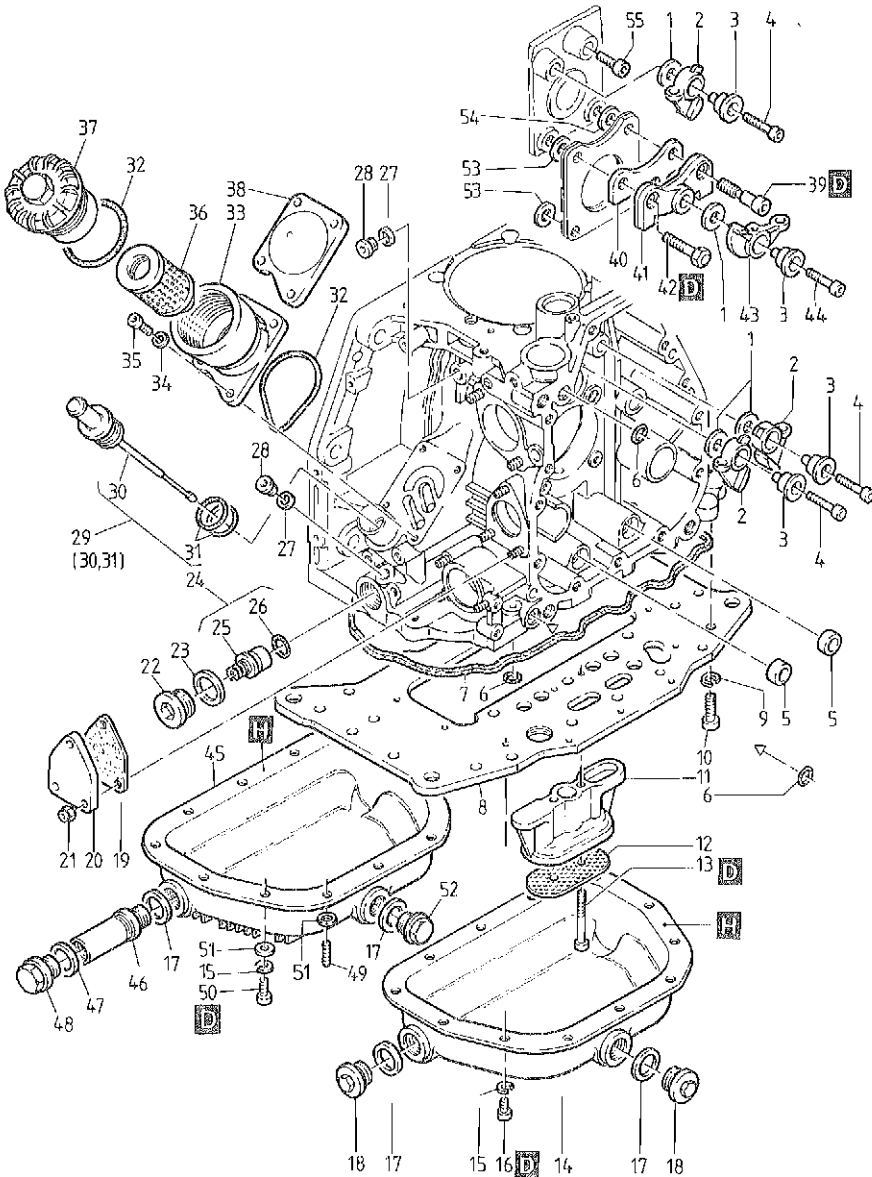


Fig.- No.	HATZ Ident-No.	Stück Qty.				P / W d / D	Bemerkungen Notes
		1D20	1D30	1D60	1D80		
			1D35				
			1D40				
29	01255200	1	1	-	-		
29	01241500	-	-	1	1		
30	-----	-	-	-	-		
31	50359700	2	2	2	2	D2	20,29 X 2,62
32	50329200	2	2	2	2	D2,W1	50 X 55 X 3
33	03795600	1	1	1	1		
34	50081200	4	4	4	4		A 6 DIN 137 A3C
35	50170600	4	4	4	4		M 6 X 20 DIN 912-8.8 A3C
36	03795700	1	1	1	1	W4	
37	01248900	1	1	1	1		
38	04033400	1	1	1	1		
39	04053200	1	1	-	-		T-U
39	04052100	-	-	1	1		T-U
40	04036911	1	1	-	-		T-U
41	04024210	1	1	1	1		T-U
42	04059300	2	2	3	3		M 8 X 28
43	04024300	1	1	1	1		T-U
44	50170800	1	1	1	1		T-U M 6 X 25 DIN 912-8.8
45	04045801	-	-	1	1		„C“
46	04046300	1	1	1	1		„C“
47	50001400	1	1	1	1		A 18 X 22 DIN 7603 Cu
48	50044200	1	1	1	1		M 18 X 1,5 DIN 910
49	50139200	4	4	4	4		M 6 X 16 DIN 939-8.8
50	50050700	8	8	8	8		M 6 X 16 DIN 912-8.8
51	50144500	12	12	12	12		6,4 DIN 125-St A3C
52	50140400	1	1	1	1		AM 22 X 1,5 DIN 7604
53	04063800	3	3	3	3		17 X 8,4 X 0,9
54	04059000	1	1	1	1		17 X 9,1 X 0,9
55	04065400	1	1	1	1		T-U M 6 X 12

M 02

Kurbelwelle
Crankshaft
Vilebrequin
Cigüeñal
Albero a gomito

M 03

Lagerflansch
Bearing flange
Palier
Brida de cojinete
Supporto

Tafel Nr.
Tabl. No.
Tavola N.

05

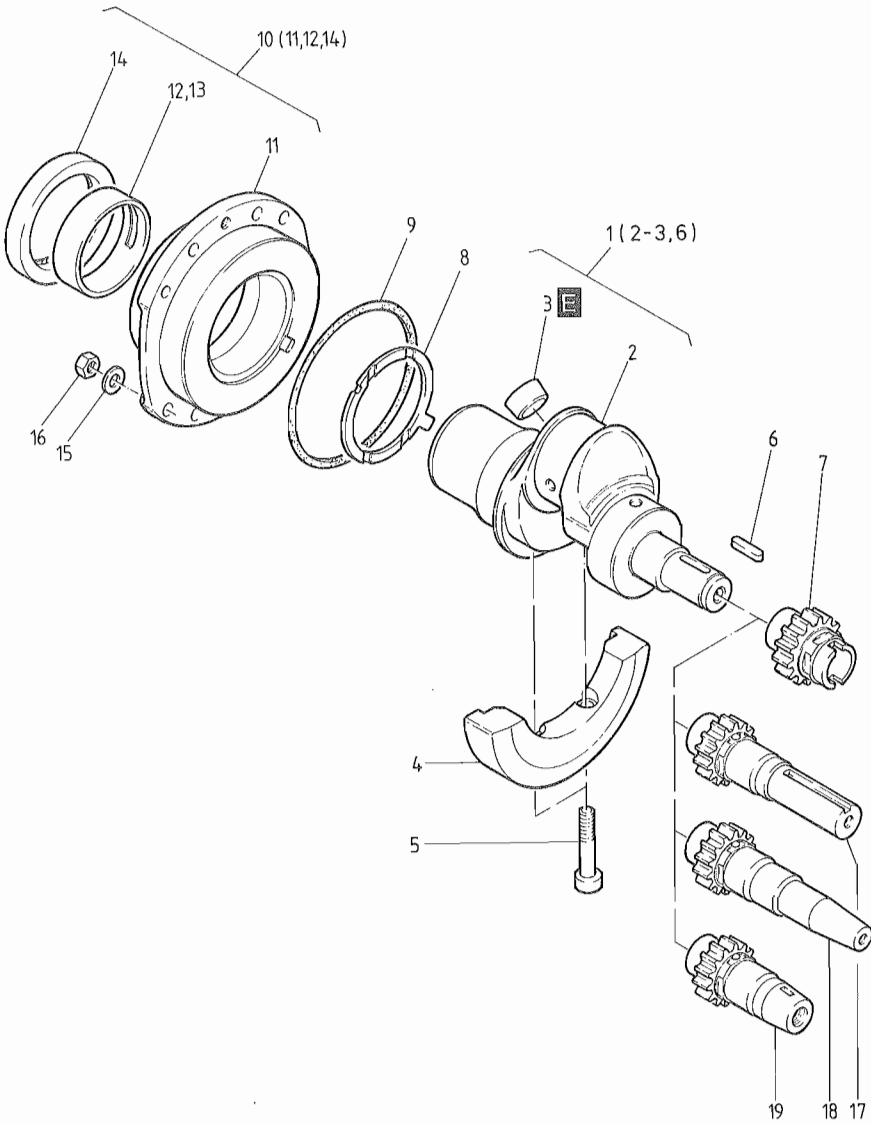


Fig.- No.	HATZ Ident-No.	Stück Qty.				P / W d / D	Bemerkungen Notes
		1D20	1D30	1D60	1D80		
			1D35				
			1D40				
1	01269900	1	1	-	-		
1	01269810	-	-	1	1		
2	-----	-	-	-	-		
3	50345800	1	1	-	-	22	DIN 443
3	50087200	-	-	1	1	28	DIN 443
4	04023500	1	1	-	-		
4	03796000	-	-	1	1		
5	50127900	2	2	-	-	M 8 X 40	DIN 912-10.9
5	50055000	-	-	2	2	M 10 X 50	DIN 912-10.9
6	50362600	1	1	1	1	A 6 X 4 X 32	DIN 6885 St 60
7	03796110	1	1	1	1		
8	04024600	1	1	-	-		
8	04000600	-	-	1	1		
9	50349700	1	1	-	-	D1	100 X 2,5
9	50224900	-	-	1	1	D1	123 X 2,5
10	01292000	1	1	-	-		
10	01292100	-	-	1	1		s. Taf., Tabl. 26, Pos. 40
11	-----	-	-	-	-		
12	04024500	1	1	-	-		
12	04006800	-	-	1	1		
13	04048700	1	1	-	-		- 0,5 mm
13	04036100	-	-	1	1		- 0,5 mm
14	50368101	1	1	-	-	D1	52 X 80 X 10
14	50362700	-	-	1	1	D1	62 X 90 X 10
15	50148100	8	8	8	8	8,4	DIN 125-St A3C
16	50364300	8	8	8	8	M 8	DIN 934-10 A3C
17	04023110	1	1	1	1		SAE
18	04023010	1	1	1	1		SAE
19	04022910	1	1	1	1		ITALIA

M 04

Nockenwelle, Massenausgleich
Camshaft, compensation of masses
Arbre à cames, équilibrage
Arbol de levas, compensación de las masas
Albero a camme, masse equilibratura

Tafel Nr.
Tabl. No.
Tavola N.

06

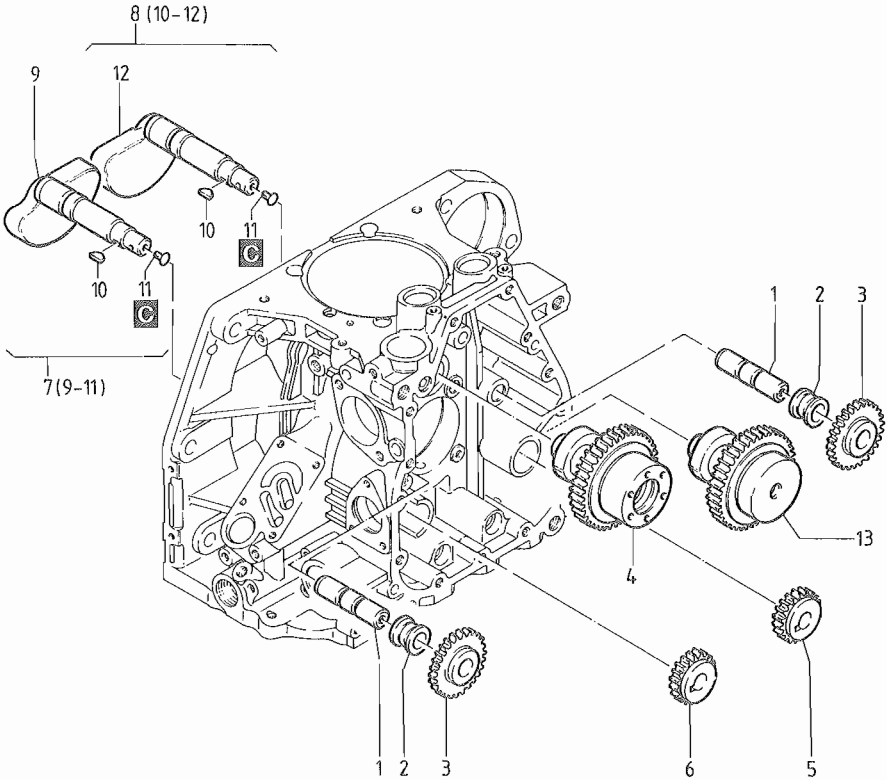


Fig.- No.	HATZ Ident-No.	Stück Qty.				P / W d / D	Bemerkungen Notes
		1D20	1D30	1D60	1D80		
			1D35				
			1D40				
1	03796400	2	2	2	2		Z,U,C
2	03796500	2	2	2	2		Z,U,C
3	01242000	2	2	2	2		Z,U,C
4	04024010	1	1	-	-		S,Z,C
4	03797020	-	-	1	1		S,Z,C
5	03796800	1	1	1	1		Z,U,C
6	03796900	1	1	1	1		Z,U,C
7	01270000	1	1	-	-		Z,U,C
7	01267300	-	-	1	1		Z,U,C
8	01270100	1	1	-	-		Z,U,C
8	01267200	-	-	1	1		Z,U,C
9	-----	-	-	-	-		Z,U,C
10	50324900	2	2	2	2		Z,U,C
11	-----	-	-	-	-		Z,U,C
12	-----	-	-	-	-		Z,U,C
13	04037000	1	1	-	-		T,U
13	04022200	-	-	1	1		T,U

M 05

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

M 06

Zylinder
Cylinder
Cylindre
Cilindro
Cilindro
Cilindro

Tafel Nr.
Tabl. No.
Tavola N.

07

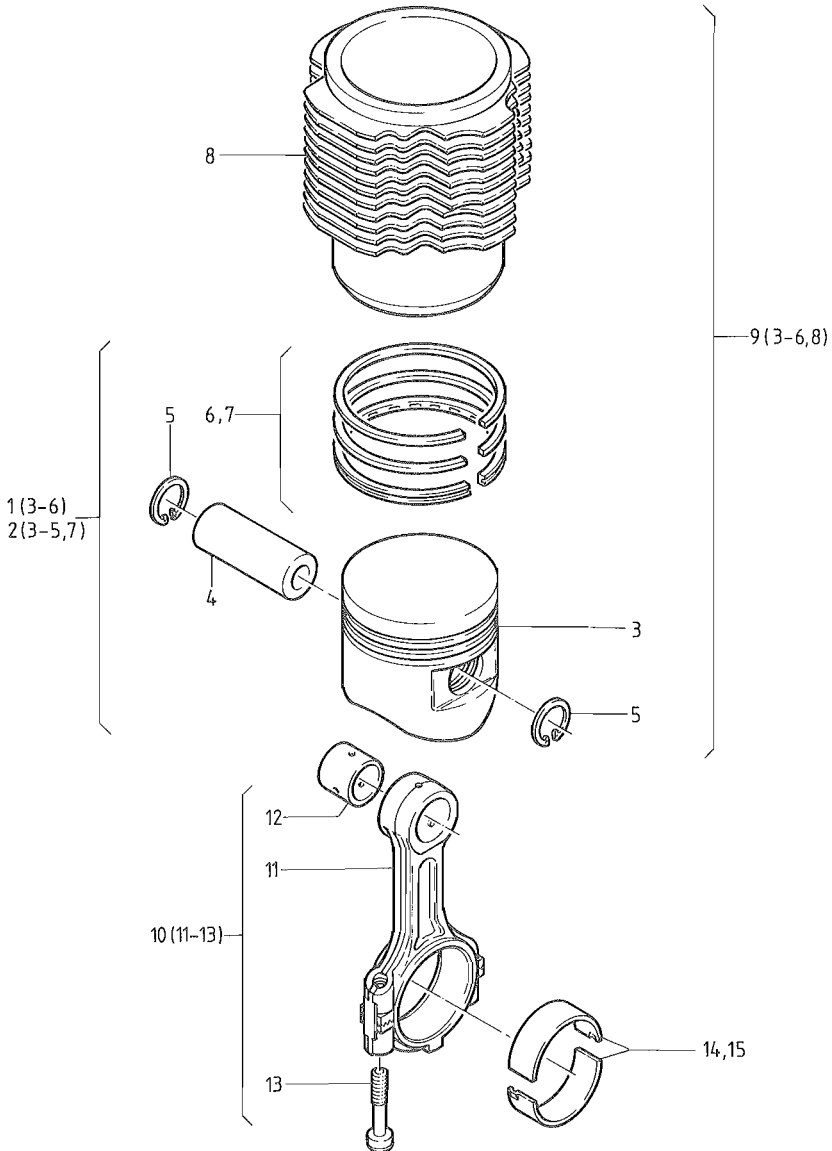


Fig.- No.	HATZ Ident-No.	Stück Qty.				P / W d / D	Bemerkungen Notes
		1D20	1D30	1D60	1D80		
			1D35				
			1D40				
1	-----	1	-	-	-		
1	01258501	-	1	-	-		
1	01273700	-	-	1	-		
1	01243900	-	-	-	1		
2	-----	1	-	-	-		+ 0,5 mm
2	-----	1	-	-	-		+ 1,0 mm
2	01264901	-	1	-	-		+ 0,5 mm
2	01269401	-	1	-	-		+ 1,0 mm
2	01273900	-	-	1	-		+ 0,5 mm
2	01274100	-	-	1	-		+ 1,0 mm
2	01265100	-	-	-	1		+ 0,5 mm
2	01265200	-	-	-	1		+ 1,0 mm
3	-----	-	-	-	-		
4	-----	1	-	-	-		
4	50363200	-	1	-	-		25 X 13 X 62
4	50382400	-	-	1	-		30 X 17 X 62
4	50353600	-	-	-	1		30 X 17 X 75
5	-----	2	-	-	-		
5	50381200	-	2	-	-		A 25 DIN 73130
5	50020800	-	-	2	2		J 30 X 1,2 DIN 472
6	-----	1	-	-	-		
6	01258601	-	1	-	-		
6	01223700	-	-	1	-		
6	01247300	-	-	-	1		
7	-----	1	-	-	-		+ 0,5 mm
7	-----	1	-	-	-		+ 1,0 mm
7	01267801	-	1	-	-		+ 0,5 mm
7	01273601	-	1	-	-		+ 1,0 mm
7	01235600	-	-	1	-		+ 0,5 mm
7	01227200	-	-	1	-		+ 1,0 mm
7	01264500	-	-	-	1		+ 0,5 mm
7	01265000	-	-	-	1		+ 1,0 mm

M 05

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

M 06

Zylinder
Cylinder
Cilindro
Cilindro
Cilindro

Tafel Nr.
Tabl. No.
Tavola N.

07

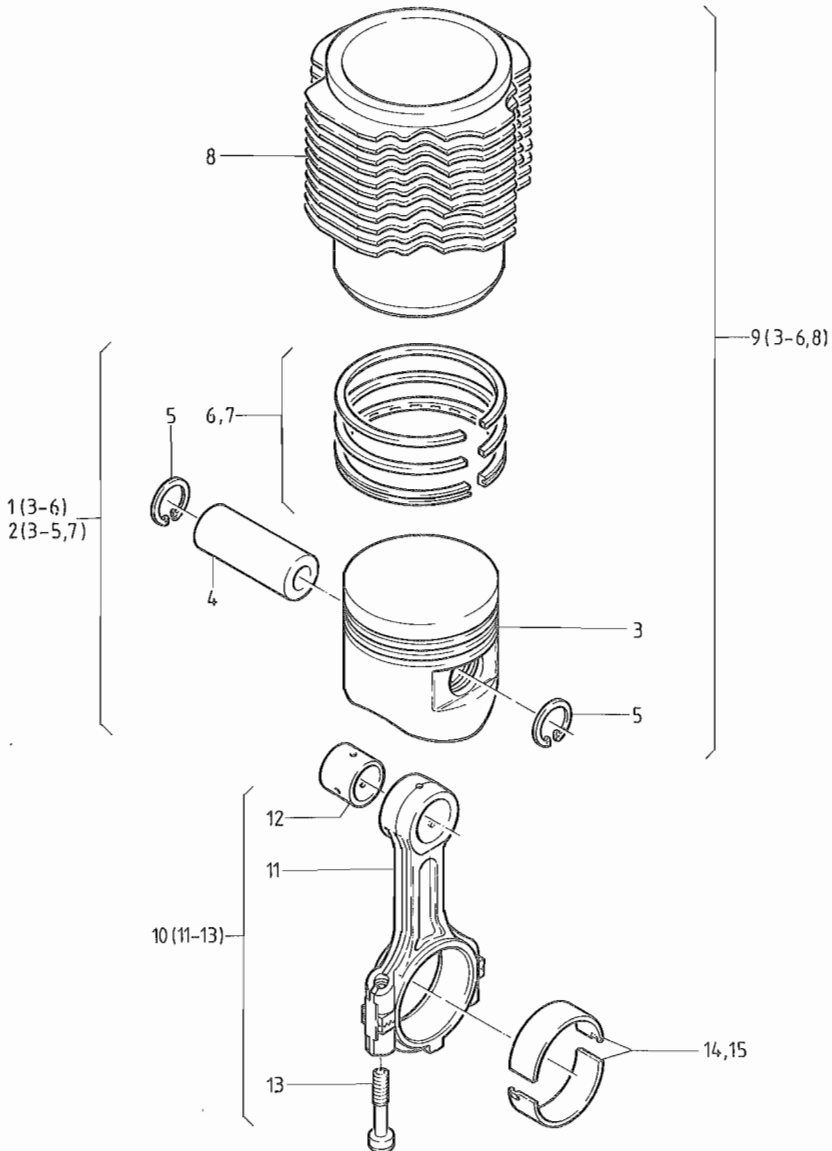


Fig.- No.	HATZ Ident-No.	Stück Qty.				P / W d / D	Bemerkungen Notes
		1D20	1D30	1D60	1D80		
			1D35				
			1D40				
8	-----	-	-	-	-		
9	01280300	1	-	-	-		
9	01280400	-	1	-	-		
9	01264600	-	-	1	-		
9	01249100	-	-	-	1		
10	01258300	1	1	-	-		
10	01244000	-	-	1	1		
11	-----	-	-	-	-		
12	04065600	1	1	-	-		
12	04032200	-	-	1	1		
13	03781100	2	2	-	-		
13	04001800	-	-	2	2		
14	04026500	1	1	-	-		
14	04001900	-	-	1	1		
15	04065700	1	1	-	-		- 0,5 mm
15	04033100	-	-	1	1		- 0,5 mm

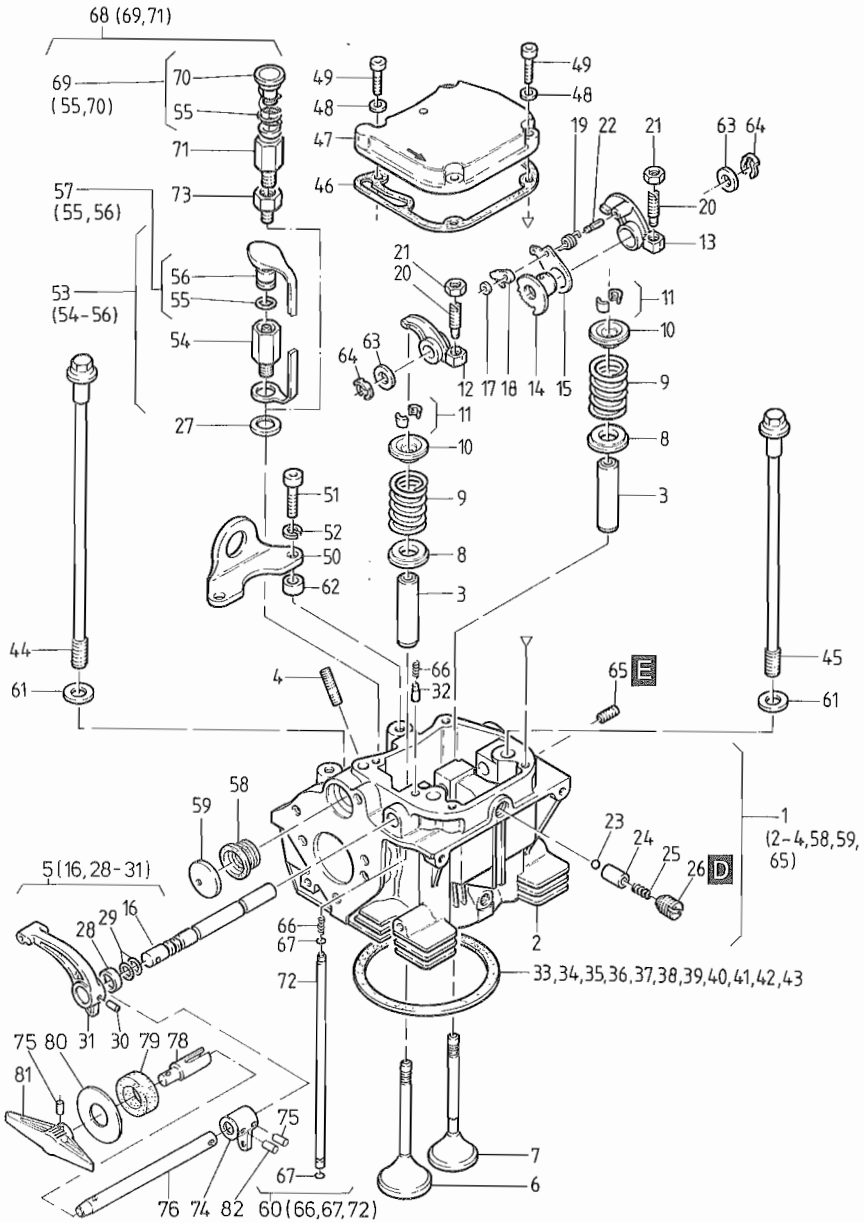


Fig.- No.	HATZ Ident-No.	Stück Qty.		P / W d / D	Bemerkungen Notes	
		1D20	1D30	1D60	1D80	
			1D35			
			1D40			
1	01272500	1	-	-	-	
1	01272400	-	1	-	-	
1	01264700	-	-	1	-	
1	01302100	-	1	-	-	1D35
1	01264800	-	-	-	1	
2	-----	-	-	-	-	
3	04028700	2	2	-	-	
3	04008700	-	-	2	2	
4	50279200	1	1	-	-	M 8 X 40 DIN 835-8.8 A3C
4	50038400	-	-	1	1	M 8 X 35 DIN 835-8.8 A3C
5	01265400	1	1	-	-	
5	01287300	-	1	-	-	1D35
5	01257500	-	-	1	1	
6	04034300	1	-	-	-	
6	04028900	-	1	-	-	
6	04024901	-	-	1	-	
6	04005001	-	-	-	1	
7	04034400	1	-	-	-	
7	04029000	-	1	-	-	
7	04025001	-	-	1	-	
7	04005101	-	-	-	1	
8	04029100	2	2	-	-	
8	04005200	-	-	2	2	
9	04029300	2	2	-	-	
9	04005300	-	-	2	2	
10	04029200	2	2	-	-	
10	04005400	-	-	2	2	
11	03171910	2	2	-	-	
11	03786300	-	-	2	2	
12	04003700	1	1	1	1	
13	04003810	1	1	1	1	
14	04003912	1	1	1	1	
15	03778401	1	1	1	1	
16	-----	-	-	-	-	
17	50117200	1	1	1	1	
18	03365710	1	1	1	1	
19	03366001	1	1	1	1	

M 07

Zylinderkopf
Cylinder head
Culasse
Culata
Testa

Tafel Nr.
Tabl. No.
Tavola N.

08

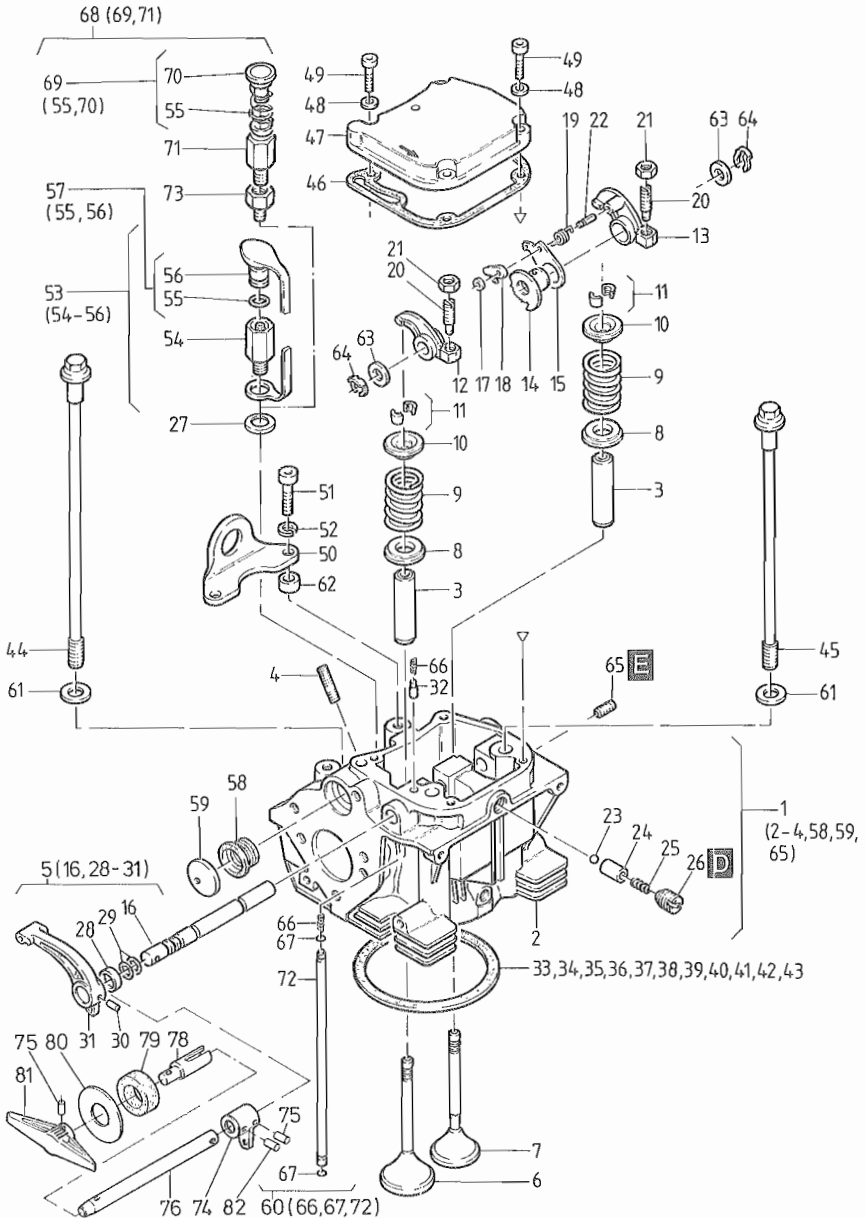


Fig.- No.	HATZ Ident-No.	Stück Qty.				P / W d / D	Bemerkungen Notes
		1D20	1D30	1D60	1D80		
			1D35				
			1D40				
20	03783000	2	2	2	2		
21	03173100	2	2	2	2	W2	
22	04021900	1	1	1	1		
23	50123800	1	1	1	1		7 mm III DIN 5401
24	04004700	1	1	1	1		
25	04004800	1	1	1	1		
26	01245200	1	1	1	1		
27	50001100	1	1	1	1	d1	A 12 X 15,5 DIN 7603-Cu
28	04048900	1	1	1	1	d1	
29	40022300	2	2	2	2	d2	8 X 2
30	50248600	1	1	1	1		4 X 20 DIN 7343
31	04009810	1	1	1	1		
31	04059700	-	1	-	-		1D35
32	04004100	-	-	1	1		
33	04056700	-	0...1	-	-		0,3 mm
34	04056800	-	0...1	-	-		0,4 mm
35	04034800	0...1	-	-	-		0,5 mm
35	04027300	-	0...1	-	-		0,5 mm
35	04057600	-	-	0...1	-		0,5 mm
35	04068800	-	-	-	0...1		0,5 mm
36	04034900	0...1	-	-	-		0,6 mm
36	04027400	-	0...1	-	-		0,6 mm
36	04053400	-	-	0...1	-		0,6 mm
36	04036800	-	-	-	0...1		0,6 mm
37	04035000	0...1	-	-	-		0,7 mm
37	04027500	-	0...1	-	-		0,7 mm
37	04036300	-	-	0...1	-		0,7 mm
37	04036500	-	-	-	0...1		0,7 mm
38	04035100	0...1	-	-	-		0,8 mm
38	04027600	-	0...1	-	-		0,8 mm
38	04036400	-	-	0...1	-		0,8 mm
38	04036600	-	-	-	0...1		0,8 mm
39	04035200	0...1	-	-	-		0,9 mm
39	04027700	-	0...1	-	-		0,9 mm
39	04025100	-	-	0...1	-		0,9 mm
39	04002700	-	-	-	0...1		0,9 mm

M 07

Zylinderkopf
Cylinder head
Culasse
Culata
Testa

Tafel Nr.
Tabl. No.
Tavola N.

08

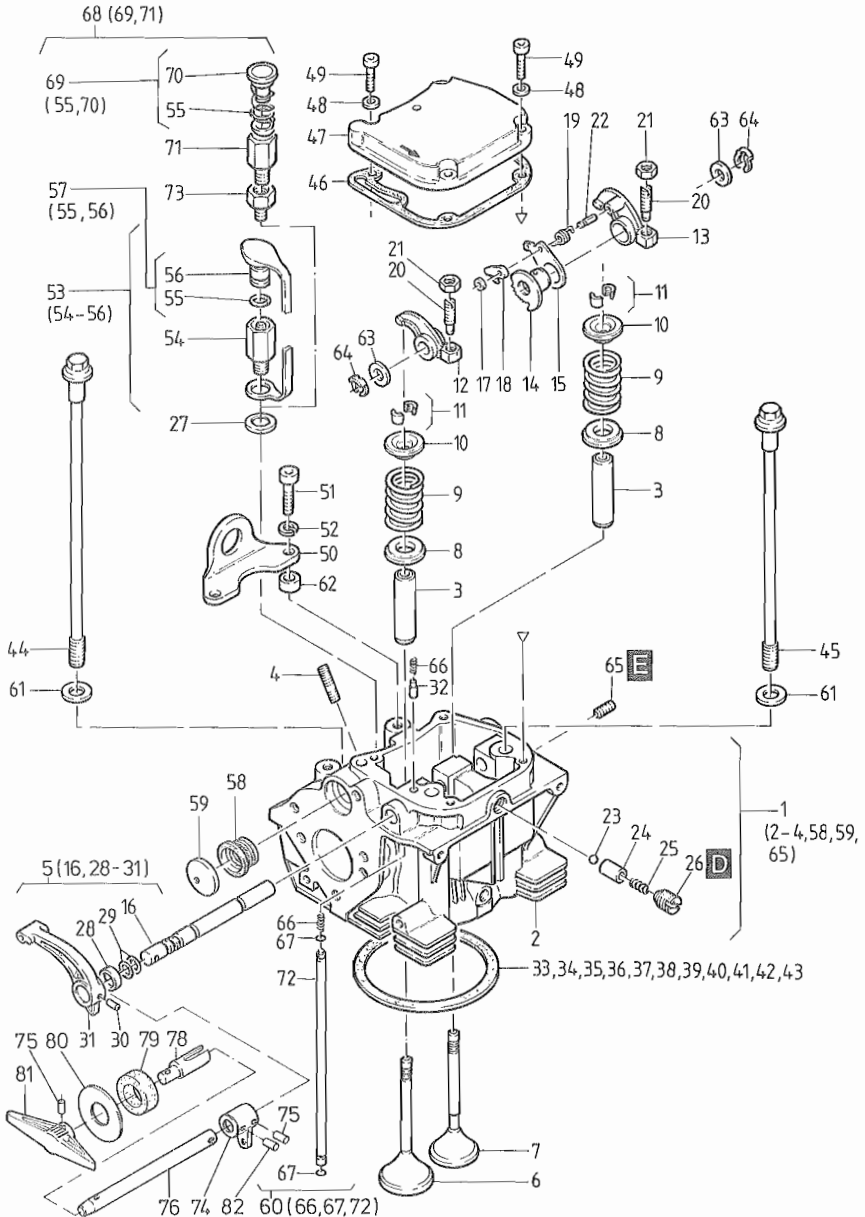


Fig.- No.	HATZ Ident-No.	Stück Qty.	1D20	1D30	1D60	1D80	P / W d / D	Bemerkungen Notes
			1D20	1D30	1D60	1D80		
				1D35				
				1D40				
40	04035300	0...1	-	-	-	-	d1	1,0 mm
40	04027800	-	0...1	-	-	-	d1	1,0 mm
40	04025200	-	-	0...1	-	-	d1	1,0 mm
40	04002800	-	-	-	0...1	-	d1	1,0 mm
41	04035400	0...1	-	-	-	-		1,1 mm
41	04027900	-	0...1	-	-	-		1,1 mm
41	04025300	-	-	0...1	-	-		1,1 mm
41	04002900	-	-	-	0...1	-		1,1 mm
42	04035500	0...1	-	-	-	-	d1	1,2 mm
42	04028000	-	0...1	-	-	-	d1	1,2 mm
42	04025400	-	-	0...1	-	-	d1	1,2 mm
42	04003000	-	-	-	0...1	-	d1	1,2 mm
43	04035600	0...1	-	-	-	-		1,3 mm
43	04028100	-	0...1	-	-	-		1,3 mm
43	04025500	-	-	0...1	-	-		1,3 mm
43	04003100	-	-	-	0...1	-		1,3 mm
44	04028600	2	2	-	-	-		251,5 mm
44	04003200	-	-	2	2	-		305 mm
45	04028500	2	2	-	-	-		174 mm
45	04003300	-	-	2	2	-		258 mm
46	04006101	1	1	1	1	-	d1,W3	
47	01301700	1	-	-	-	-		
47	01260202	-	1	-	-	-		
47	01293700	-	-	1	-	-		
47	01245402	-	-	-	1	-		
48	50081200	4	4	4	4	-	P4	A 6 DIN 137 A3C
49	50170800	4	4	4	4	-	P2	M 6 X 25 DIN 912-8.8
50	04008100	1	1	1	1	-		
51	50175900	2	2	-	-	-		M 8 X 30 DIN 912-8.8 A3C
51	50366300	-	-	2	2	-		M 8 X 20 DIN 912-8.8 A3C
52	50208500	2	2	2	2	-		8 DIN 128 A3C
53	00361801	1	1	1	1	-		S, Z, T, U
54	-----	-	-	-	-	-		
55	40081700	2	2	2	2	-	d2	12 X 2
56	-----	-	-	-	-	-		
57	00736300	1	1	1	1	-	P1	S, Z, T, U

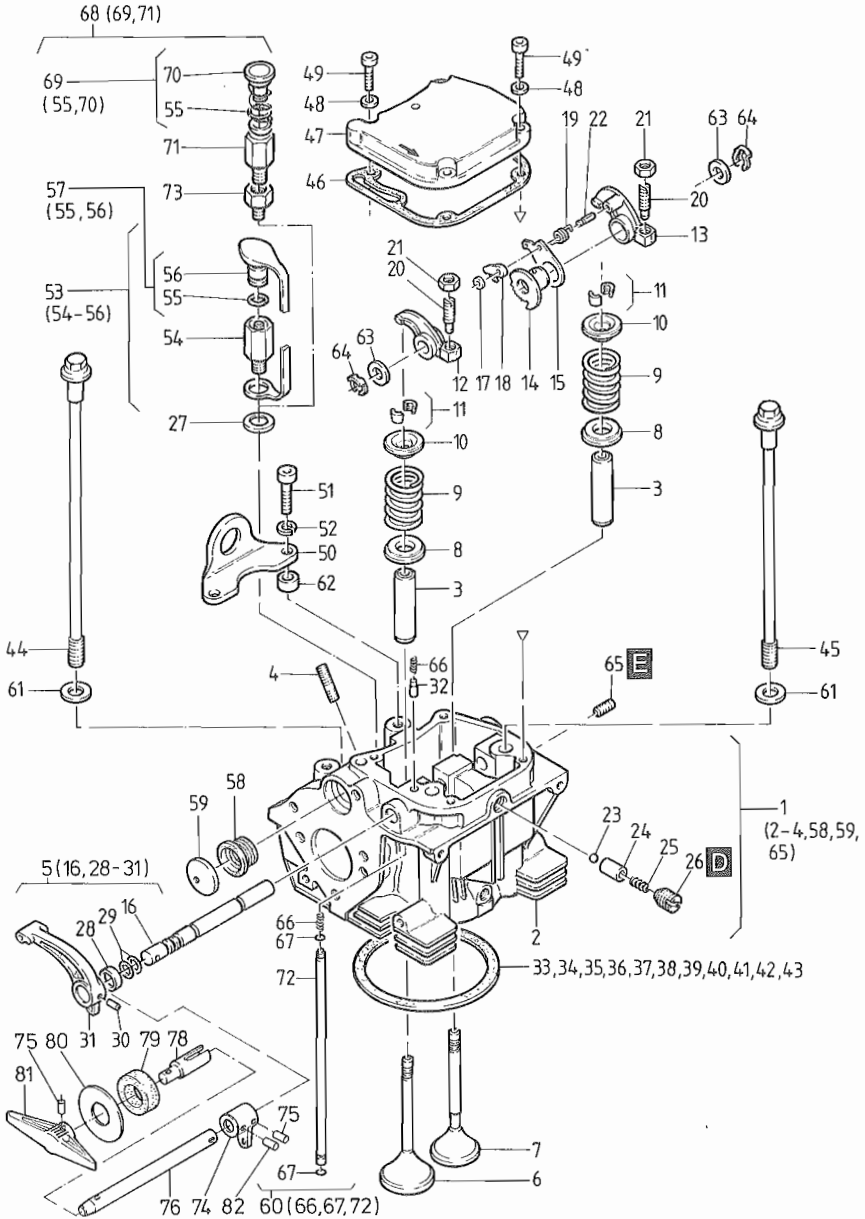


Fig.- No.	HATZ Ident-No.	Stück Qty.				P / W d / D	Bemerkungen Notes
		1D20	1D30	1D60	1D80		
			1D35				
			1D40				
58	04058700	1	1	1	1		
59	04005600	1	1	1	1		
60	01269600	1	1	-	-		
60	01269700	-	-	1	1		
61	03794100	4	4	-	-		10,1 X 22 X 3
61	03457500	-	-	4	4		12,5 X 24 X 2,5
62	04008000	1	1	-	-		
63	03457500	2	2	-	-		12,5 X 24 X 2,5
64	50353300	2	2	-	-		
65	50366800	1	1	-	-		M 6 X 12 DIN 835-8.8 A3C
66	04004200	1	1	2	2		
67	50330100	2	2	2	2	d2	4 X 1,2
68	01280600	1	1	1	1		„C“
69	01275600	1	1	1	1	P1	„C“, 1D35
70	-----	-	-	-	-		
71	-----	-	-	-	-		
72	-----	-	-	-	-		
73	04060500	-	1	-	-		1D35
74	04047900	-	-	1	1		„C“
75	50132000	-	-	2	2		4 X 16 DIN 1481
76	04048200	-	-	1	1		„C“
77	50034000	-	-	1	1		3 X 14 DIN 1481
78	04048100	-	-	1	1		„C“
79	03579800	-	-	1	1		„C“
80	04048000	-	-	1	1		„C“
81	03778200	-	-	1	1		„C“
82	50034100	-	-	1	1		3 X 16 DIN 1481

M 09

Stoßstangen
Pushrod
Tige de culbuteur
Varilla de balancín
Asta bilanciare

M 17

Schwungrad
Flywheel
Volant
Volante
Volano

Tafel Nr.
Tabl. No.
Tavola N.

09

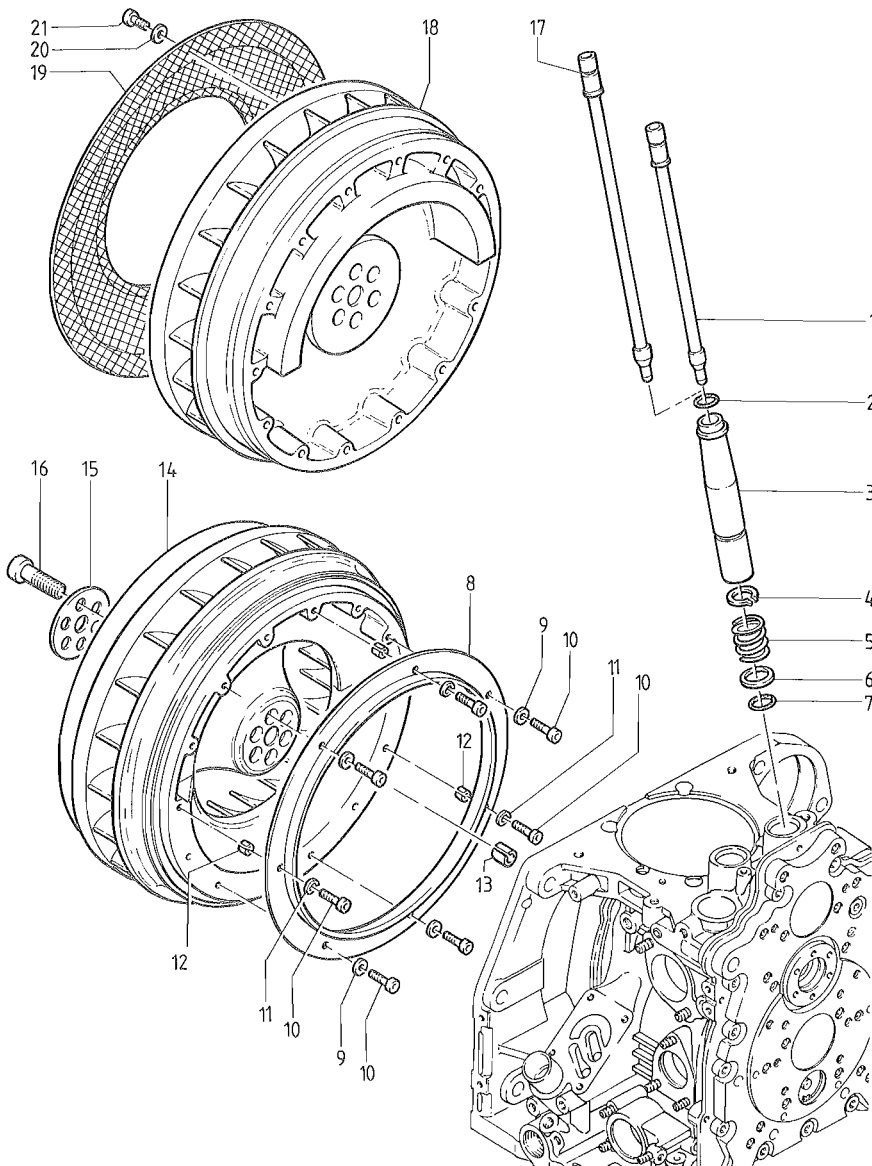


Fig.- No.	HATZ Ident-No.	Stück Qty.				P / W d / D	Bemerkungen Notes
		1D20	1D30	1D60	1D80		
			1D35				
			1D40				
1	01259300	2	2	-	-		T-U = 1
1	01244300	-	-	2	2		T-U = 1
2	50330200	2	2	2	2	d2	19 X 3
3	04027200	2	2	-	-		
3	04002500	-	-	2	2		
4	50347000	2	2	2	2		AS 24 X 1,75 DIN 471
5	04002600	2	2	2	2		
6	04002000	2	2	2	2		
7	50330300	2	2	2	2	d2	23 X 3
8	04030600	1	1	-	-		
8	04007500	-	-	1	1		
9	50147200	3	3	4	4		4,3 DIN 125-St -A3C
10	50327300	6	6	7	7		M 4 X 20 DIN 912-8.8 A3C
11	50002600	3	3	3	3		5 DIN 128
12	50327400	3	3	3	3		5 X 10 DIN 7346
13	04033000	1	1	-	-		
13	03123700	-	-	1	1		
14	04034710	1	-	-	-		
14	04026110	-	1	-	-		
14	04025720	-	-	1	-		
14	04007130	-	-	-	1		
15	04026600	1	1	-	-		
15	04007410	-	-	1	1		
16	50132800	6	6	-	-		M 10 X 40 DIN 912-10.9
16	50363100	-	-	6	6		M 12 X 1,5 X 40 DIN 912-10.9
17	01263600	1	1	-	-		T-U
17	01257700	-	-	1	1		T-U
18	04038110	1	-	-	-		T-U
18	04037210	-	1	-	-		T-U
18	04038020	-	-	1	-		T-U
18	04024120	-	-	-	1		T-U
19	04037300	1	1	-	-		
19	04009300	-	-	1	1		
20	50144500	-	-	6	6		6,4 DIN 125-St A3C
21	50062700	-	-	6	6		M 6 X 10 DIN 912-8.8

M 10

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

Tafel Nr.
Tabl. No.
Tavola N.

10

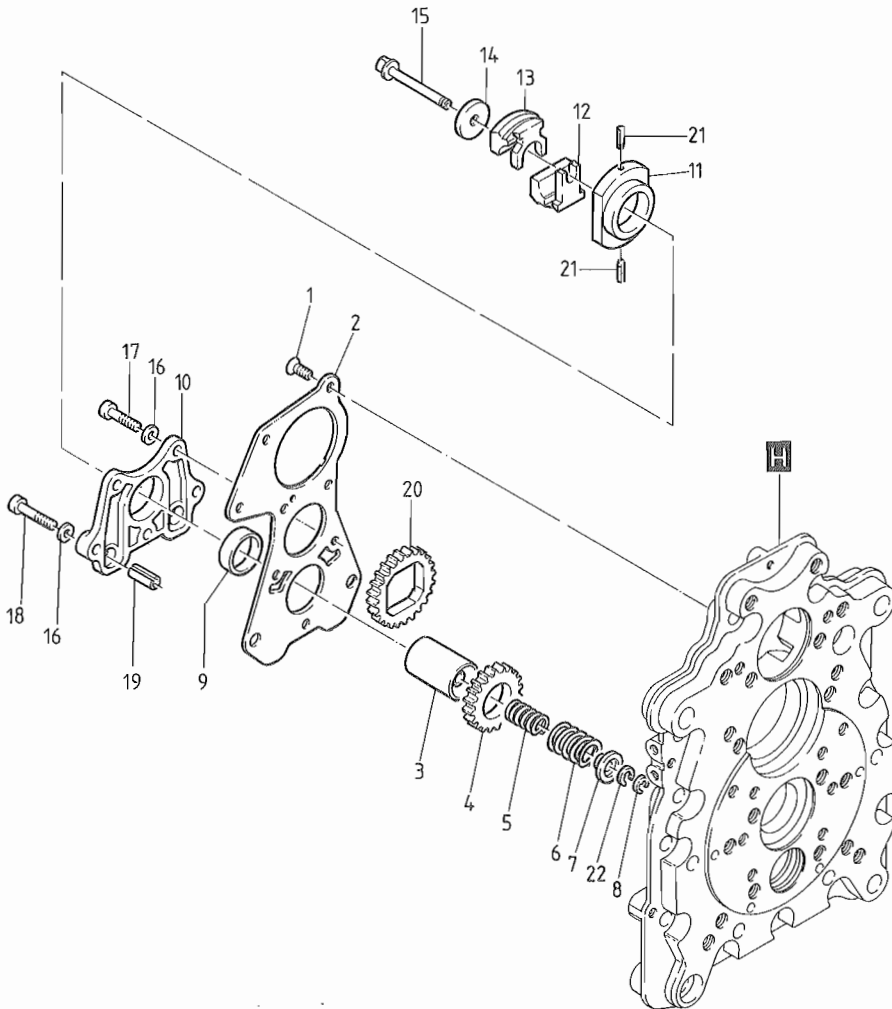
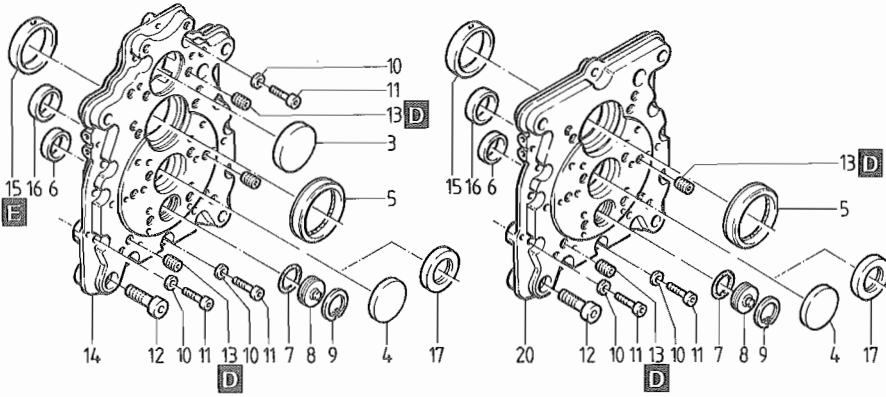
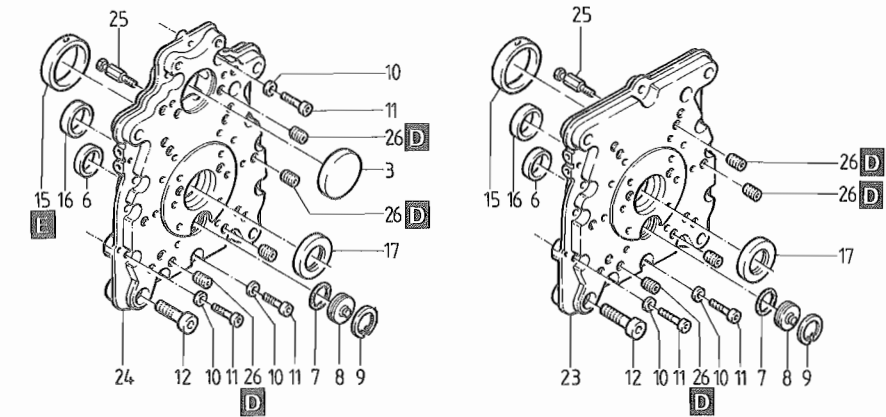


Fig.- No.	HATZ Ident-No.	Stück Qty.				P / W d / D	Bemerkungen Notes
		1D20	1D30	1D60	1D80		
		1D35					
		1D40					
1	50328000	5	5	5	5	AM 6 X 16 WN 17065	
2	03797411	1	1	1	1		
3	01242401	1	1	1	1		
4	03797300	1	1	1	1		
5	04052800	1	1	1	1	Ø 1,6 mm ...1500 min ⁻¹	
5	04052900	1	1	1	1	Ø 1,7 mm 1501...1800 min ⁻¹	
5	04008801	1	1	1	1	Ø 1,9 mm 1801...2300 min ⁻¹	
6	04070800	1	1	1	1	Ø 2,6 mm 2301...2500 min ⁻¹	
6	04008902	1	1	-	-	Ø 3,0 mm 2501...3000 min ⁻¹	
6	04063400	-	-	1	1	Ø 2,9 mm 2301...3000 min ⁻¹	
5	04008801	1	1	1	1	Ø 1,9 mm 3001...3600 min ⁻¹	
6	04008902	1	1	-	-	Ø 3,0 mm 3001...3600 min ⁻¹	
6	04063400	-	-	1	1	Ø 2,9 mm 3001...3600 min ⁻¹	
7	03798600	1	1	1	1		
8	50334700	1	1	1	1	5	DIN 6799
9	03797600	1	1	1	1		
10	03797510	1	1	1	1		
11	03797701	1	1	1	1		
12	03798002	1	1	1	1		
13	03798102	1	1	1	1		
14	03797900	1	1	1	1		
15	03797801	1	1	1	1		
16	50081200	5	5	5	5	A 6	DIN 137-A3C
17	50170800	3	3	3	3	M 6 X 25	DIN 912-8.8
18	50051000	2	2	2	2	M 6 X 30	DIN 912-8.8
19	50084900	2	2	2	2	8 X 12	DIN 7346
20	03798710	1	1	1	1		
21	50260501	2	2	2	2	2 X 10	DIN 1481
22	04046000	0...3	0...3	0...3	0...3	0,5 mm	



1 (3-6, 13-15)
 2 (3, 5-6, 13-17)

18 (4-6, 13, 15, 20)
 19 (5-6, 13, 15-17, 20)



22 (3, 6, 15-17, 24, 25, 26)

21 (6, 15-17, 23, 25, 26)

Fig.- No.	HATZ Ident-No.	Stück Qty.				P / W d / D	Bemerkungen Notes
		1D20	1D30	1D60	1D80		
			1D35				
			1D40				
1	01263900	-	-	1	1		
2	01267710	-	-	1	1		SAE
3	50325600	-	-	1	1		50
4	50325700	1	1	1	1		52
5	50325810	1	1	1	1	D1	54 X 70 X 8
6	03797600	1	1	1	1		
7	50330400	1	1	1	1	D1	27 X 2
8	04000400	1	1	1	1		
9	50399000	1	1	1	1		JL 32 X 1,2 DIN 472
10	50095100	12	12	13	13		A 8 DIN 137-A3C
11	50175900	12	12	13	13		M 8 X 30 DIN 912-8.8 A3C
12	50329500	1	1	1	1		M 12 X 40 DIN 6912-8.8 A3C
13	50329600	14	14	18	18		M 10 X 10 DIN 913 AL TUF
14	-----	-	-	-	-		
15	04000310	1	1	1	1		
16	04023201	1	1	1	1		
17	50364700	1	1	1	1		32 X 52 X 7
18	01272300	1	1	-	-		
19	01293400	1	1	-	-		SAE
20	-----	-	-	-	-		
21	01280900	1	1	-	-		T-U ITALIA
22	01281000	-	-	1	1		T-U ITALIA
23	-----	-	-	-	-		
24	-----	-	-	-	-		
25	04052400	1	1	1	1		T-U
26	50329600	8	8	8	8		T-U M 10 X 10 DIN 913 AL TUF

M 12

Startfüllung
Extra fuel device
Sucharge
Sobre aliment.-arranque
Supplemento

M 14

Einspritzausrüstung
Injection equipment
Equipement d'injection
Equipo de inyección
Equipaggiamento d'iniezione

Tafel Nr.
Tabl. No.
Tavola N.

12

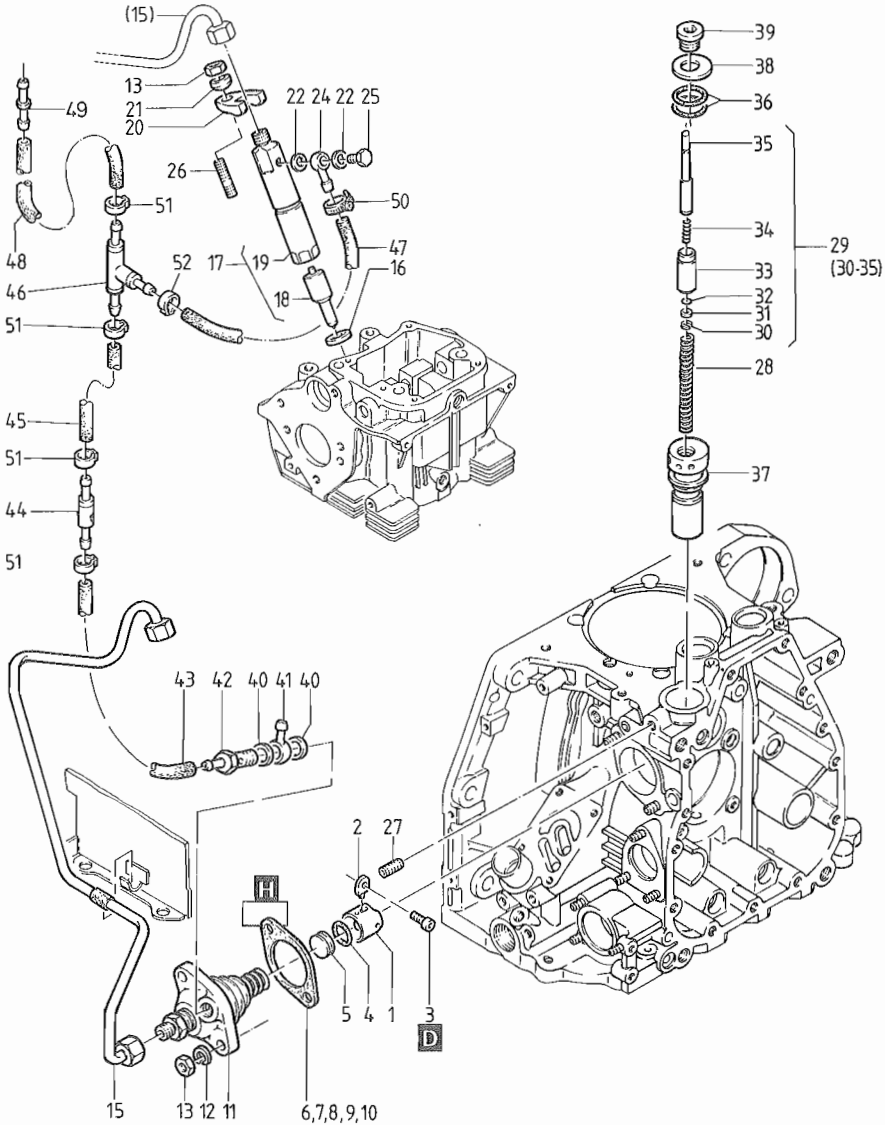


Fig.- No.	HATZ Ident-No.	Stück Qty.				P / W d / D	Bemerkungen Notes
		1D20	1D30	1D60	1D80		
			1D35				
			1D40				
1	50331500	1	1	1	1		
2	04000900	1	1	1	1		
3	50050600	1	1	-	-		M 6 X 12 DIN 912-8.8
3	50050700	-	-	1	1		M 6 X 16 DIN 912-8.8
4	50363400	1	1	1	1		17 X 1,2
5	04011700	1	1	1	1		
6	03209400	0...1	0...1	0...1	0...1		0,10 mm
7	03209500	0...1	0...1	0...1	0...1		0,15 mm
8	03209600	0...1	0...1	0...1	0...1		0,20 mm
9	03209700	0...1	0...1	0...1	0...1		0,30 mm
10	03209800	0...1	0...1	0...1	0...1		0,50 mm
11	50383500	1	1	-	-		
11	50395800	-	1	-	-		1D35
11	50362410	-	-	1	1		
12	50208500	2	2	2	2		8 DIN 128 A3C
13	50148000	3	3	3	3		M 8 DIN 934-8 A3C
14	-----	-	-	-	-		
15	01268200	1	1	-	-		
15	01245710	-	-	1	1		
16	04025800	1	1	-	-	d1	
16	40085001	-	-	1	1	d1	
17	-----	1	-	-	-		
17	50365200	-	1	-	-		
17	50383300	-	-	1	-		
17	50357100	-	-	-	1		
18	-----	1	-	-	-	P1	
18	50383200	-	1	-	-	P1	
18	50383400	-	-	1	-	P1	
18	50362500	-	-	-	1	P1	
19	-----	-	-	-	-		
20	03792400	1	1	1	1		
21	04035700	1	1	1	1		
22	50000800	2	2	2	2	d2	A 6,5 X 9,5 DIN 7603-Cu
23	-----	-	-	-	-		
24	50333400	1	1	1	1		
25	50313000	1	1	1	1		M 6

M 12

Startfüllung
Extra fuel device
Sucharge
Sobre aliment.-arranque
Supplemento

M 14

Einspritzausrüstung
Injection equipment
Equipement d'injection
Equipo de inyección
Equipaggiamento d'iniezione

Tafel Nr.
Tabl. No.
Tavola N.

12

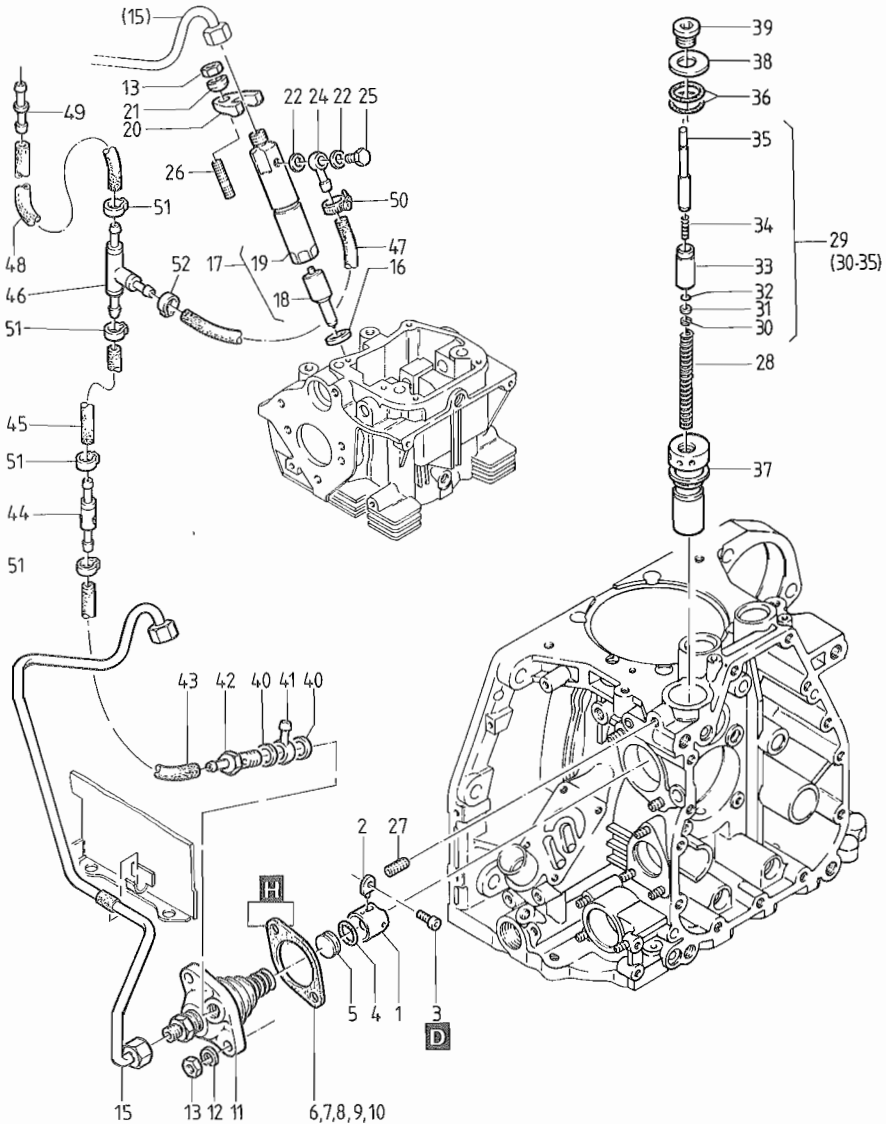


Fig.- No.	HATZ Ident-No.	Stück Qty.				P / W d / D	Bemerkungen Notes
		1D20	1D30	1D60	1D80		
			1D35				
			1D40				
26	50279200	1	1	-	-		M 8 X 40 DIN 835-8.8 A3C
26	50038400	-	-	1	1		M 8 X 35 DIN 835-8.8 A3C
27	50004600	1	1	1	1		AM 8 X 16 DIN 916-45H
28	04001300	1	1	1	1		
29	01243700	1	1	1	1		
30	50117200	1	1	1	1		4 DIN 6799
31	50123200	1	1	1	1		5 X 10 X 0,5 DIN 988
32	50335400	1	1	1	1	D1	4,7 X 1,6
33	04001000	1	1	1	1		
34	04001200	1	1	1	1		
35	-----	-	-	-	-		
36	50328900	2	2	2	2	D2	22 X 1,6
37	04001400	1	1	1	1		
38	04001600	1	1	1	1		
39	50330800	1	1	1	1		M 16 X 1,5 DIN 908-5.8 A3C
40	50001100	2	2	2	2	D2	A 12 X 15,5 DIN 7603-Cu
41	50015800	1	1	1	1		NW 6
42	03662300	1	1	1	1		
43	03807100	1	1	-	-		4,5 X 2,5 - 150 mm
43	03673300	-	1	1	1	1D35	4,5 X 2,5 - 170 mm
43	04060400	-	-	1	1	„C“	4,5 X 2,5 - 100 mm
44	00805500	1	1	1	1	P1	
45	03664200	1	1	-	-		4,5 X 2,5 - 130 mm
45	03673300	-	1	1	1	1D35	4,5 X 2,5 - 170 mm
45	04060200	-	-	1	1	„C“	4,5 X 2,5 - 55 mm
46	03989600	1	1	1	1		
47	03961500	-	1	-	-	1D35	3,5 X 2,5 - 320 mm
47	03917700	1	1	1	1		3,5 X 2,5 - 140 mm
47	03902000	-	-	1	1	„C“	3,5 X 2,5 - 390 mm
48	03656800	-	-	1	1	„C“	4,5 X 2,5 - 850 mm
49	50279600	-	-	1	1	„C“	
50	50357200	-	1	-	-	1D35	7 - 11
51	50399800	-	-	4	4	„C“	
52	50399900	-	-	1	1	„C“	

M 26

Luftführung – S, Z, T, U
Air ducting – S, Z, T, U
Carter ventilation – S, Z, T, U
Conducción de aire – S, Z, T, U
Carter ventilatore – S, Z, T, U

Tafel Nr.
Tabl. No.
Tavola N.

13

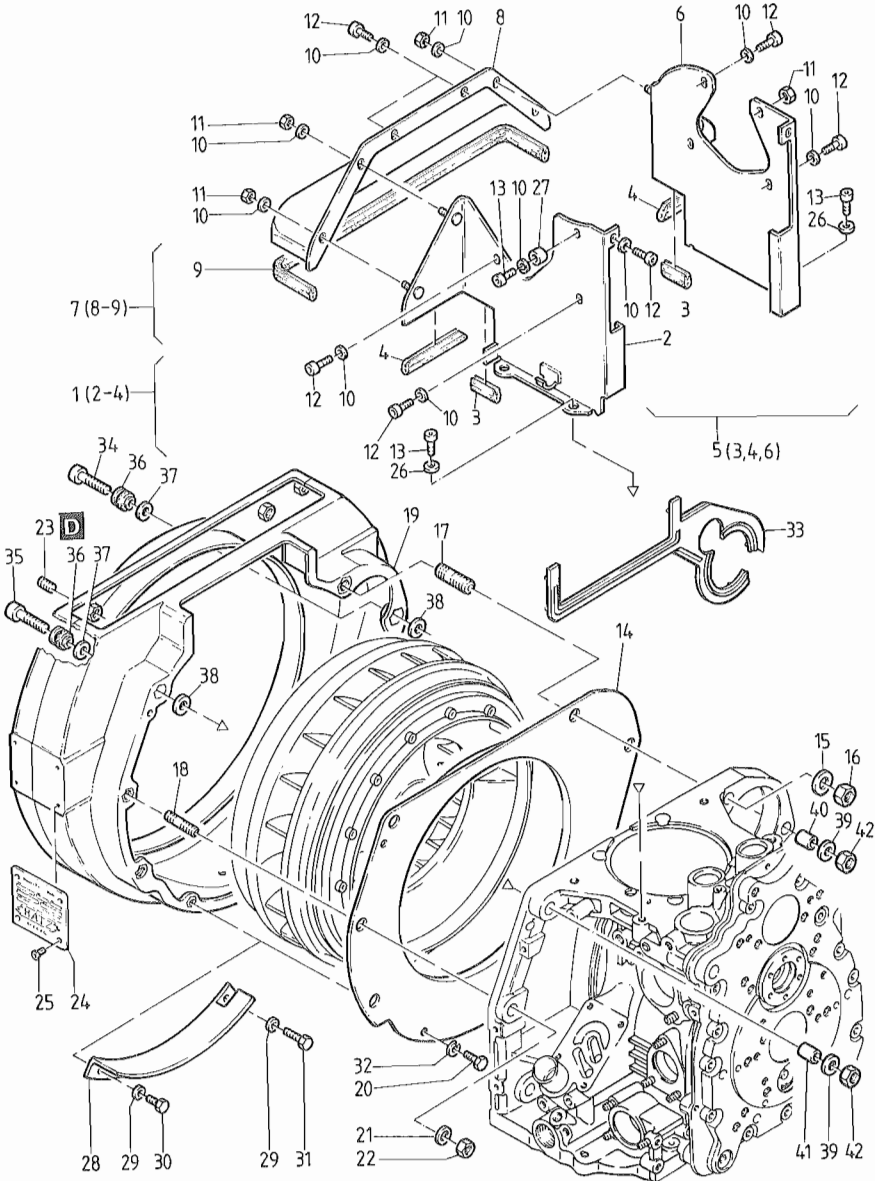


Fig.- No.	HATZ Ident-No.	Stück Qty.				P / W d / D	Bemerkungen Notes
		1D20	1D30	1D60	1D80		
			1D35				
			1D40				
1	01260901	1	1	-	-		
1	01246211	-	-	1	1		
2	-----	-	-	-	-		
3	04030900	2	2	-	-	28 mm	
4	04030800	2	2	-	-	41 mm	
4	04007710	-	-	2	2	110,0 mm	
5	01261000	1	1	-	-		
5	01246411	-	-	1	1		
6	-----	-	-	-	-		
7	01261100	1	1	-	-		
7	01246600	-	-	1	1		
8	-----	-	-	-	-		
9	04031000	1	1	-	-	308 mm	
9	04007900	-	-	1	1	413 mm	
10	50081200	13	13	15	15	A 6	DIN 137 A3C
11	50144400	5	5	4	4	M 6	DIN 934-8 A3C
12	50149100	10	10	11	11	M 6 X 12	DIN 912-8.8 A3C
13	50170700	5	5	-	-	M 6 X 16	DIN 912-8.8 A3C
13	50206300	-	-	4	4	M 8 X 18	DIN 912-8.8 A3C
14	04008500	-	-	1	1	S-Z	
15	50093700	-	-	2	2	13	DIN 125-St A3C
16	50093600	-	-	2	2	M 12	DIN 934-8-13-A3C
17	50364900	-	-	2	2	M 12 X 40	DIN 938-8.8 A3C
18	50130000	-	-	4	4	M 8 X 35	DIN 938-8.8
19	01282300	1	1	-	-	E-Start, el. starter, demarreur el., arancador el.	
19	01282100	1	1	-	-		
19	01255910	-	-	1	1	s. Taf., Tabl. 28 - Pos. 18	
20	50333500	-	-	2	2	M 6 X 8	DIN 933-8.8 A3C
21	50062900	-	-	4	4	B 8,4	DIN 9021-St A3C
22	50148000	-	-	4	4	M 8	DIN 934-8 A3C
23	50226000	4	4	4	4	M 8 X 6	DIN 913-45H
24	03225503	1	1	1	1		
25	40002500	4	4	4	4		
26	50144500	4	4	-	-	6,4	DIN 125-St A3C
27	03936400	1	1	-	-	6,2 X 8 X 5,5	

M 26

Luffführung – S, Z, T, U
Air ducting – S, Z, T, U
Carter ventilation – S, Z, T, U
Conducción de aire – S, Z, T, U
Carter ventilatore – S, Z, T, U

Tafel Nr.
Tabl. No.
Tavola N.

13

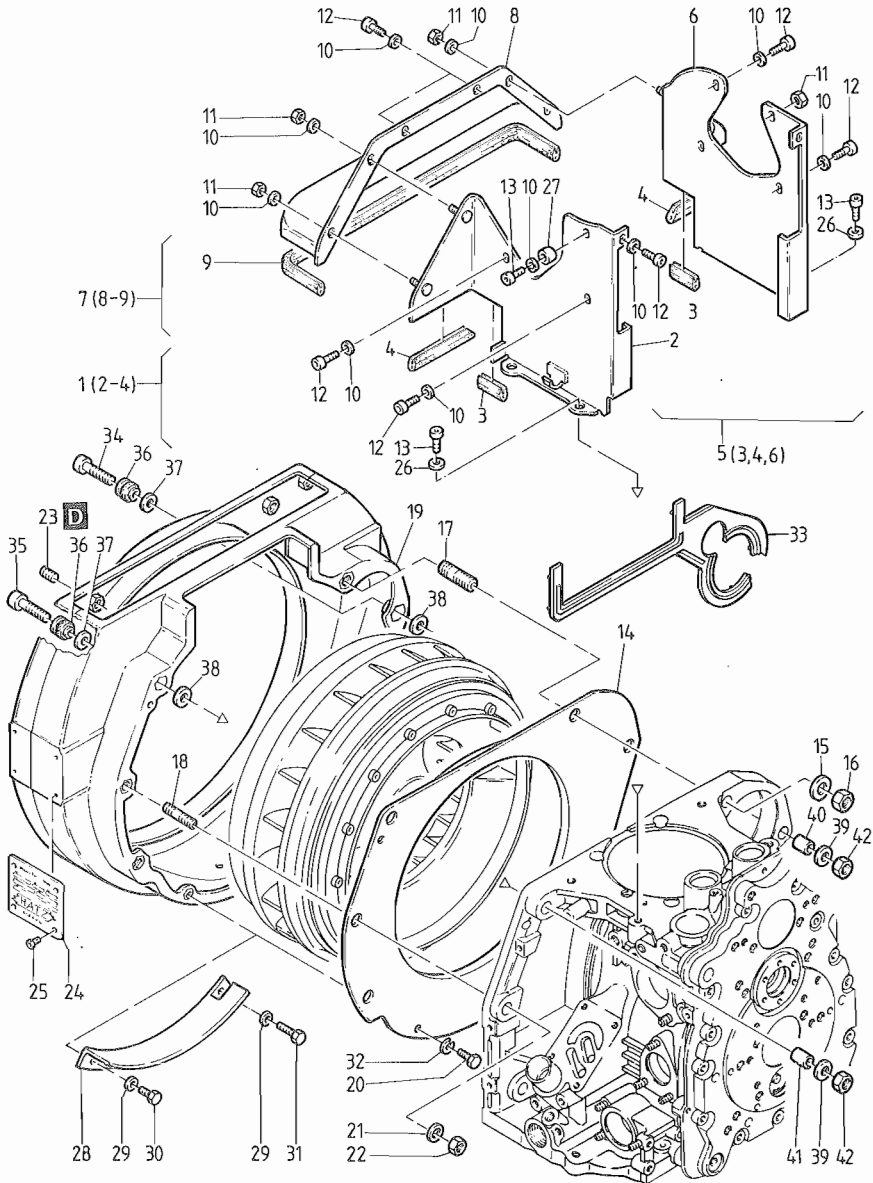


Fig.- No.	HATZ Ident-No.	Stück Qty.				P / W d / D	Bemerkungen Notes
		1D20	1D30	1D60	1D80		
		1D35					
		1D40					
28	04021100	-	-	1	1	T-U	
29	50144500	-	-	2	2	6,4	DIN 125-St A3C
30	50165500	-	-	1	1	M 6 X 12	DIN 933-8.8 A3C
31	50177100	-	-	1	1	M 6 X 16	DIN 933-8.8 A3C
32	50170900	-	-	2	2	6	DIN 128 A3C
33	04058600	1	1	-	-		
34	50288800	2	2	-	-	M 8 X 55	DIN 912-8.8 A3C
35	50392900	4	4	-	-	M 8 X 50	DIN 912-8.8 A3C
36	01292200	6	6	-	-		
37	04064700	6	6	-	-		
38	04054300	6	6	-	-	8,4 X 21 X 3	
39	04065100	8	8	-	-	9,1 X 20 X 2,1	
40	04056500	2	2	-	-	8,4 X 12,8	
41	04054400	4	4	-	-	8,4 X 10,8	
42	50148000	4	4	-	-	M 8	DIN 934-8 A3C

M 26

Luftführung – 1D35
Air ducting – 1D35
Carter ventilation – 1D35
Conducción de aire – 1D35
Carter ventilatore – 1D35

Tafel Nr.
Tabl. No.
Tavola N.

14

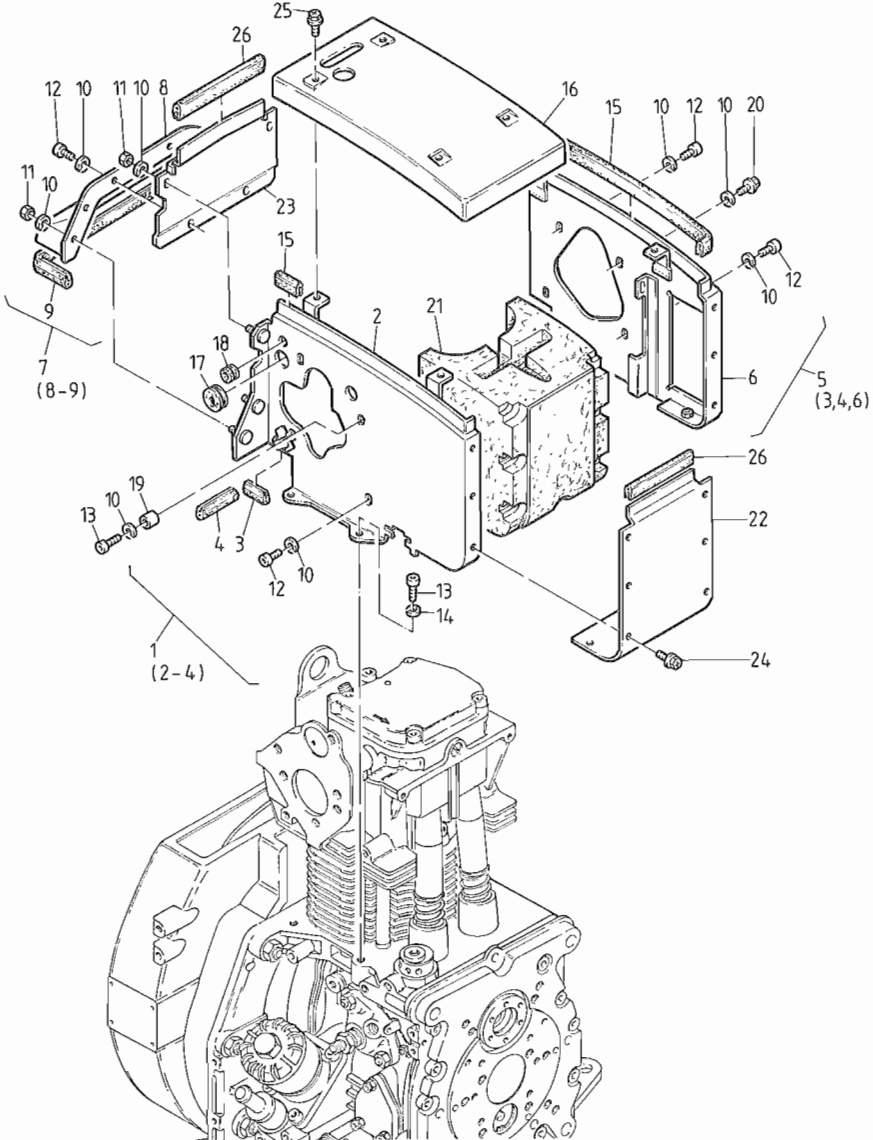


Fig.- No.	HATZ Ident-No.	Stück Qty.	P / W d / D	Bemerkungen Notes
1D35				
1	01288500	1		
2	-----	-		
3	04030900	2		28 mm
4	04030800	2		44 mm
5	01288600	1		
6	-----	-		
7	01261100	1		
8	-----	-		
9	04031000	1		308 mm
10	50170900	15		6 DIN 934-8 A3C
11	50144400	7		M 6 DIN 934-8 A3C
12	50149100	7		M 6 X 12 DIN912-8.8 A3C
13	50170700	5		M 6 X 16 DIN 912-8.8 A3C
14	50144500	4		6,4 DIN 125-St A3C
15	04061700	2		
16	04056400	1		
17	04060700	1		
18	50392800	1		11 / 14
19	03936400	1		6,2 X 8 X 5,5
20	50384200	1		M 6 X 12 Tuflok
21	01285400	1		
22	04058200	1		
23	04064400	1		
24	50289200	8		M 6 X 12 KZ1
25	50335600	4		M 6 X 16 KZ1
26	04061600	2		116 mm

Fig.- No.	HATZ Ident-No.	Stück Qty.	P / W d / D	Bemerkungen Notes
		1D60 C	1D30 C	
1	01279000	1	1	
2	-----	-	-	
3	04055300	1	1	
4	04007710	1	1	110 mm
5	04055400	1	1	
6	50334800	1	1	
7	01278910	1	1	
8	-----	-	-	
9	04007710	1	1	110 mm
10	01278700	1	1	
11	-----	-	-	
12	04039300	1	1	393 mm
13	01277301	1	1	
14	-----	-	-	
15	04056300	1	1	347 mm
16	01274502	1	1	
17	50339900	1	1	40 - 60
18	50081200	13	13	A 6 DIN 137 A3C
19	50144400	4	4	M 6 DIN 934-8 A3C
20	50149100	7	7	M 6 X 12 DIN 912-8.8 A3C
21	50206300	4	4	M 8 X 18 DIN 912-8.8 A3C
22	01268010	1	1	
23	-----	-	-	
24	04038800	1	1	
25	04045000	1	1	
26	04044600	1	1	
27	04045900	2	2	
28	04044900	2	2	
29	04044800	2	2	
30	50289200	6	6	M 6 X 12
31	04044700	4	4	M 8 X 16
32	01272100	1	1	
33	50170700	2	2	M 6 X 16 DIN 912-8.8 A3C
34	50120000	2	2	A 6,4 DIN 9021-St A3C
35	50328300	2	2	VM 6 DIN 980-8 A3C
36	50170600	1	1	M 6 X 20 DIN 912-8.8 A3C

Drehzahlverstellung
 Speed control
 M 32 Réglage régime
 Ajuste de revoluciones
 Regolatore di giri

Aufzugvorrichtung 1D35
 Lifting bracket 1D35
 M 30 Etrier 1D35
 Estribo 1D35
 Anello di trasporto 1D35

Tafel Nr.
 Tabl. No.
 Tavola N.
 16

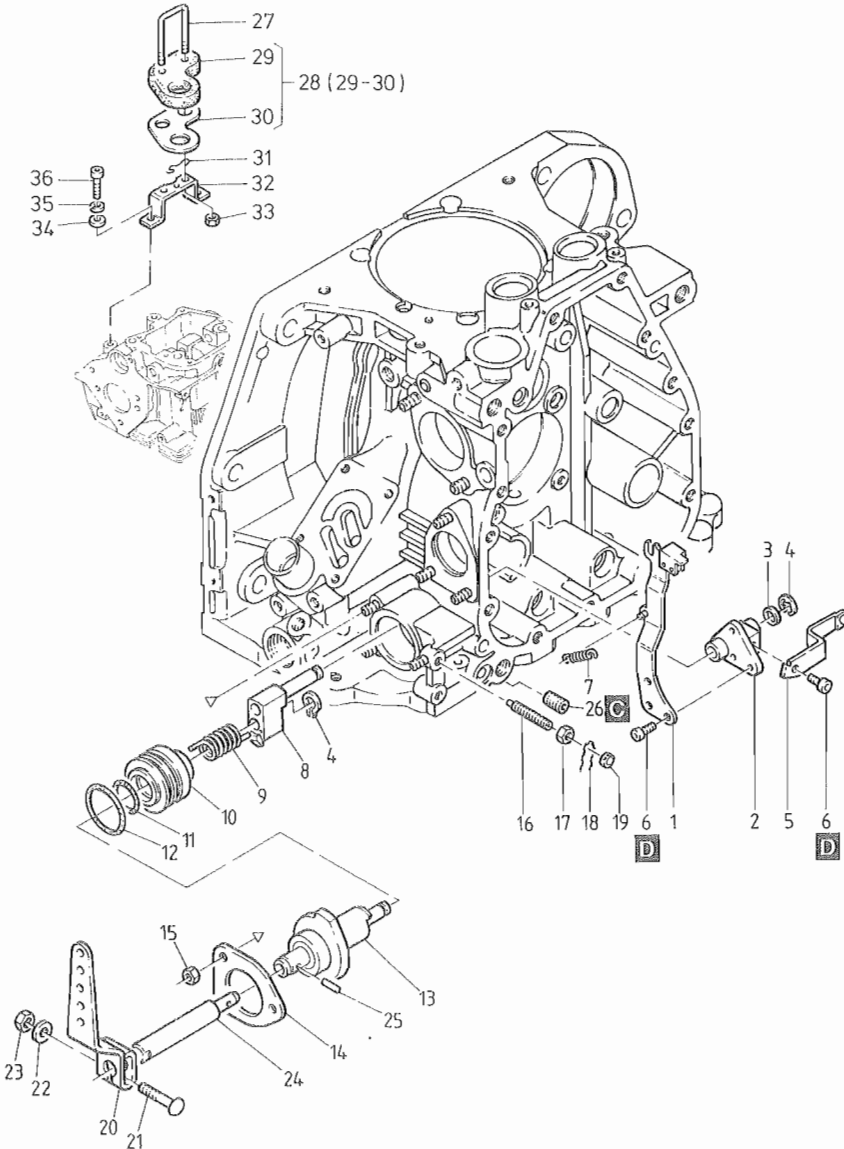


Fig.- No.	HATZ Ident-No.	Stück Qty.				P / W d / D	Bemerkungen Notes	
		1D20	1D30	1D60	1D80			
			1D35					
			1D40					
1	01242900	1	1	1	1			
2	01243000	1	1	1	1			
3	04000100	1	1	1	1			
4	50266100	2	2	2	2		6	DIN 6799
5	04037500	1	1	1	1			
6	50328700	4	4	4	4		M 5 X 8	DIN 912-8.8
7	04000200	1	1	1	1			
8	01242810	1	1	1	1			
9	03799010	1	1	1	1			
10	04052700	1	1	1	1			
11	50386100	1	1	1	1		21 X 2	
12	50129900	1	1	1	1	D1	32 X 2,5	
13	01279200	1	1	1	1			
14	03799200	1	1	1	1			
15	50328300	3	3	3	3		VM 6	DIN 980-8 A3C
16	03799400	2	2	2	2			
17	50144400	2	2	2	2		M 6	DIN 934-8 A3C
18	40021500	2	2	2	2			
19	40021400	2	2	2	2			
20	03888300	1	1	1	1			
21	03927300	1	1	1	1		M 6 X 32	
22	50144500	1	1	1	1		6,4	DIN 125-St A3C
23	50144400	1	1	1	1		M 6	DIN 934-8 A3C
24	04042610	1	1	1	1		„C“	
25	50131900	1	1	1	1		„C“ 4 X 12	DIN 1481
26	50125600	1	1	1	1		M 8 X 12	DIN 914-45 H
27	04043200	-	1	-	-		1D35	
28	01302500	-	1	-	-		1D35	
29	04061100	-	1	-	-			
30	-----	-	-	-	-			
31	04056200	-	1	-	-		1D35	
32	04061200	-	1	-	-			
33	50328300	-	2	-	-		VM 6	DIN 980-8 A3C
34	50148100	-	2	-	-		8,4	
35	50347300	-	2	-	-		8	DIN 7980 A3C
36	50175900	-	2	-	-		M 8 X 30	DIN 912-8.8 A3C

Kapsel – C
 Capsule – C
 Capsule – C
 Cápsula – C
 Cofanatura silenziata – C

Tafel Nr.
 Tabl. No.
 Tavola N.

M 35

17

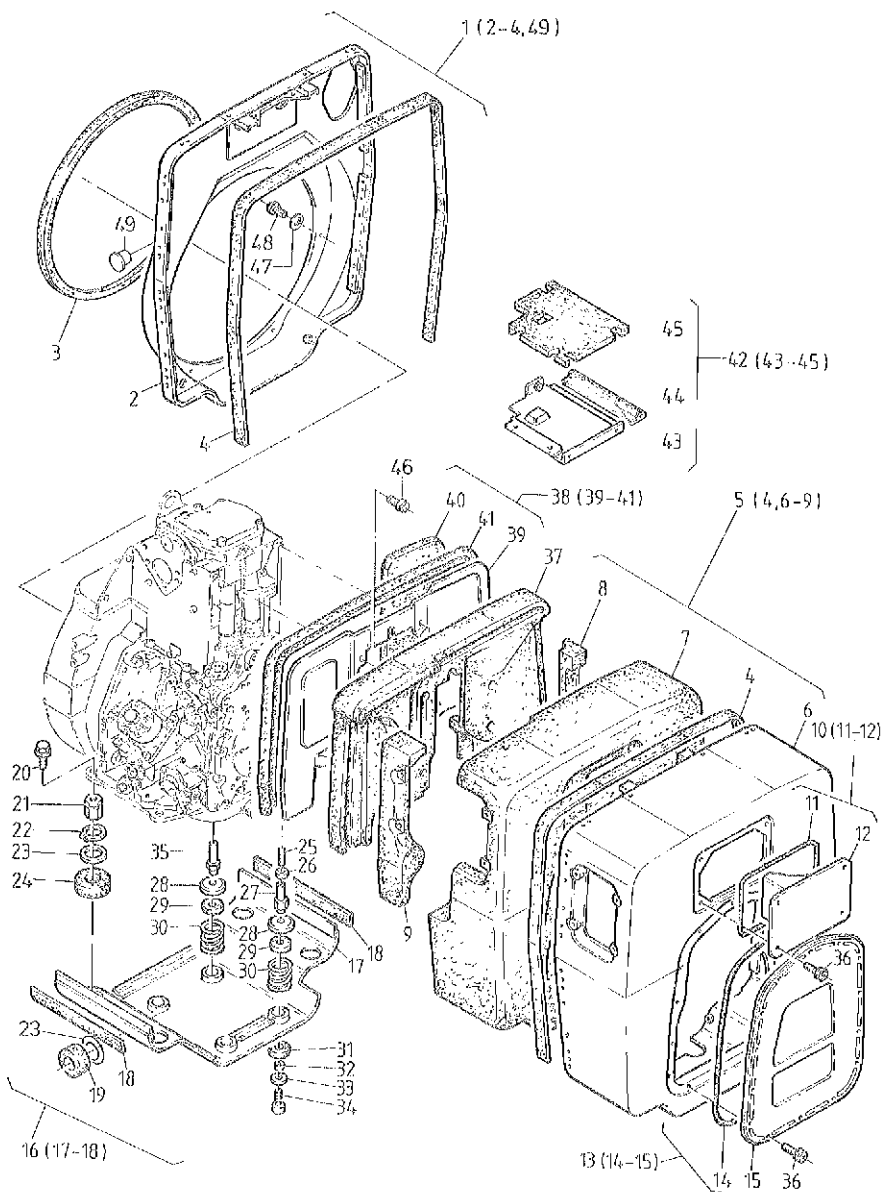


Fig.- No.	HATZ Ident-No.	Stück Qty.		P / W d / D	Bemerkungen Notes
		1D60 C	1D80 C		
1	01276300	1	1		
2	-----	-	-		
3	04049500	1	1		1230 mm
4	04049600	2	2		13 X 1 X 1430
5	01276500	1	1		
6	-----	-	-		
7	01272600	1	1		
8	04044210	1	1		
9	04047200	1	1		
10	01276600	1	1		
11	04049100	1	1		
12	-----	-	-		
13	01276700	1	1		
14	04049000	1	1		
15	-----	-	-		
16	01276400	1	1		
17	-----	-	-		
18	04049700	2	2		13 X 1 X 195
19	03579500	1	1		
20	50386600	4	4		M 10 X 20 A3C
21	03993700	4	4		
22	50020400	4	4		A 24 X 1,2 DIN 471
23	03592301	5	5		
24	03755300	4	4		
25	50139200	4	4		M 6 X 16 DIN 939-8.8
26	50144500	4	4		6,4 DIN 125-St
27	04041600	2	2		
28	04042100	4	4		
29	04041900	4	4		
30	04042200	4	4		
31	04041800	4	4		
32	04041700	4	4		
33	04042000	4	4		6,5 X 22,5 X 1
34	50170600	4	4		M 6 X 20 DIN 912-8.8 A3C

Kapsel -- C
 Capsule -- C
 Capsule -- C
 Cápsula -- C
 Cofanatura silenziata -- C

Tafel Nr.
 Tabl. No.
 Tavola N.

M 35

17

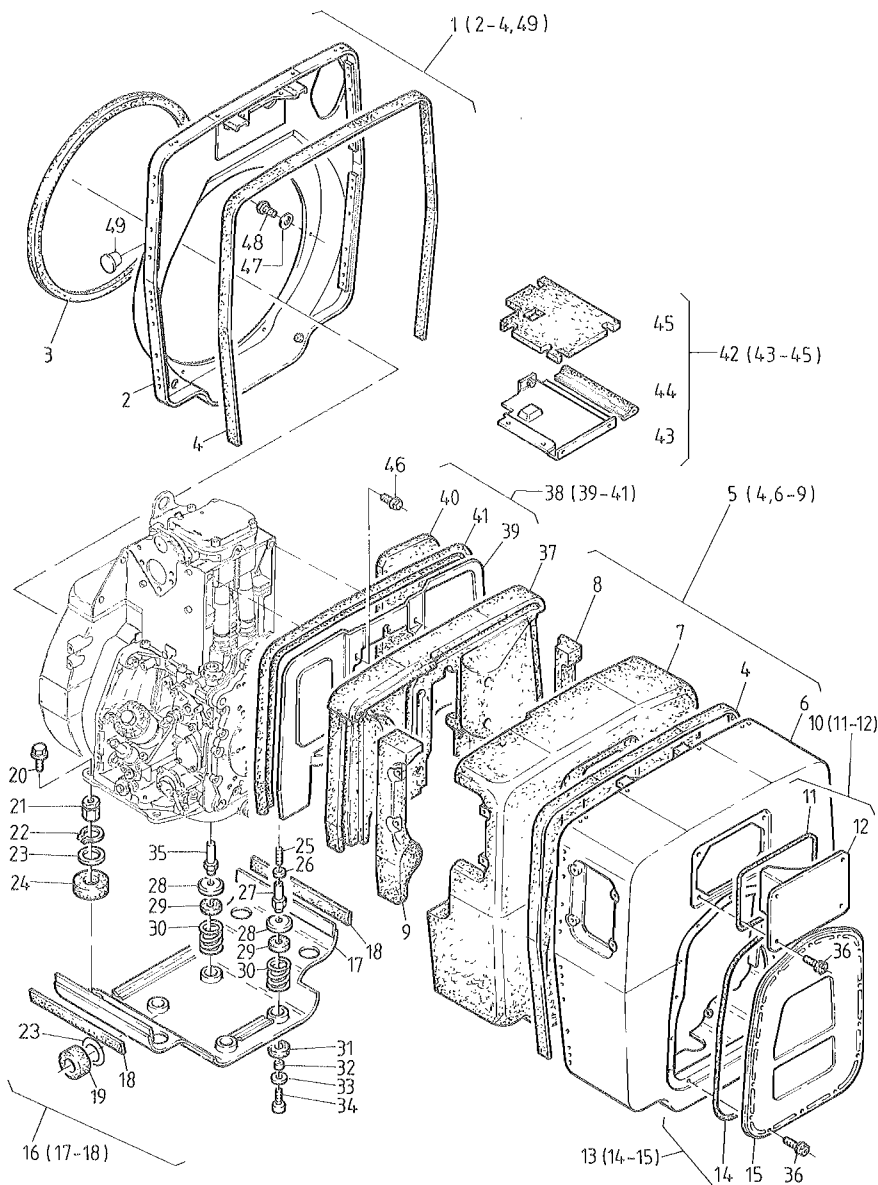


Fig.- No.	HATZ Ident-No.	Stück Qty.	P / W d / D	Bemerkungen Notes
		1D60 C	1D80 C	
35	04047500	2	2	
36	50289200	84	84	M 6 X 12 KZ 1
37	01279410	1	1	
38	01274800	1	1	
39	-----	-	-	
40	04046700	1	1	
41	04045500	1	1	1015 mm
42	01275001	1	1	
43	-----	-	-	
44	04049400	1	1	
45	04046900	1	1	
46	50335600	2	2	M 6 X 16 KZ1
47	50144500	6	6	6,4 DIN 125-St A3C
48	50274800	6	6	M 6 X 6 DIN 933-8.8 A3C
49	50395500	1	1	17,6

Kapsel – C
 Capsule – C
 Capsule – C
 Cápsula – C
 Cofanatura silenziata – C

Tafel Nr.
 Tabl. No.
 Tavola N.

M 35

18

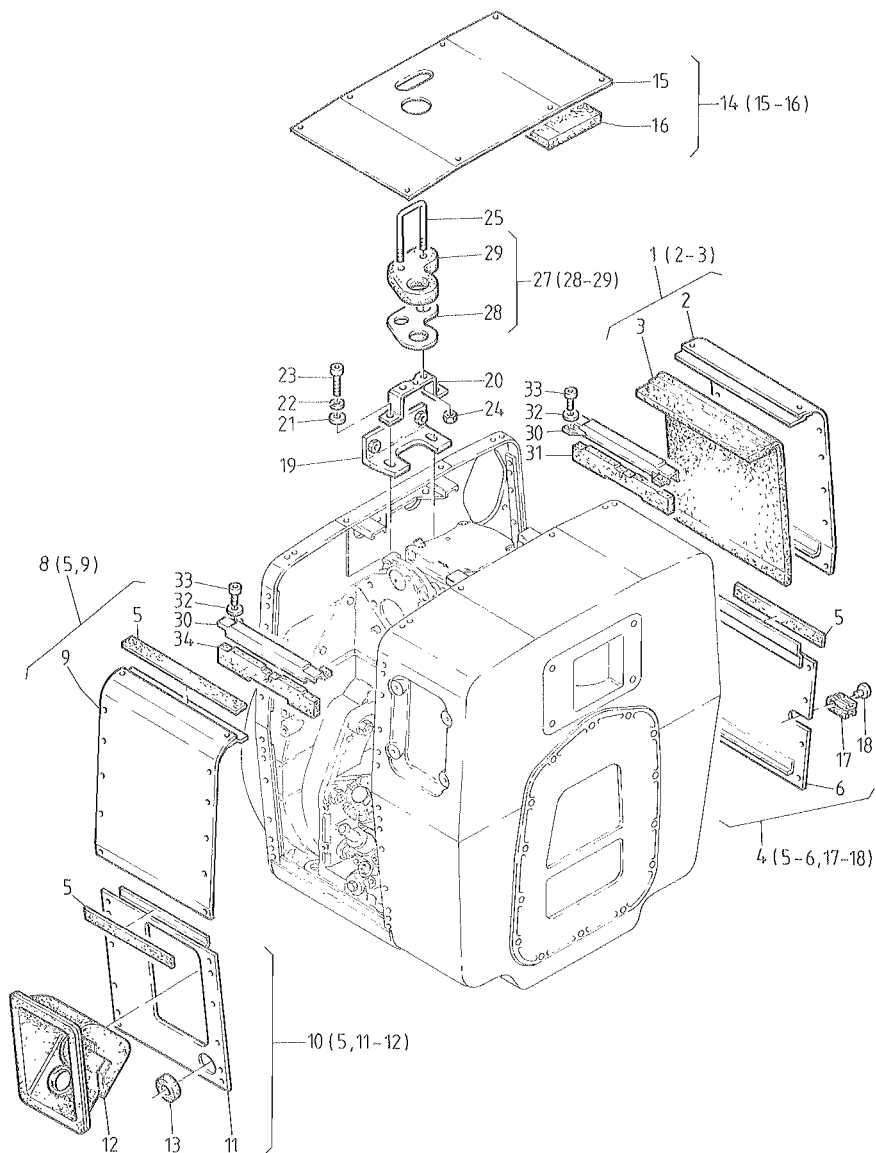


Fig.- No.	HATZ Ident-No.	Stück Qty.		P / W d / D	Bemerkungen Notes
		1D60 C	1D80 C		
1	01274700	1	1		
2	-----	-	-		
3	04046600	1	1		
4	01277000	1	1		
5	04049700	3	3		13 X 1 X 195
6	-----	-	-		
7	-----	-	-		
8	01276800	1	1		
8	01278400	1	1		Dek.-Autom. „C“
9	-----	-	-		
10	01276900	1	1		
11	-----	-	-		
12	04047000	1	1		
13	04053700	1	1		
14	01274900	1	1		
15	-----	-	-		
16	04046800	1	1		
17	03568900	1	1		
18	50387000	1	1		
19	01282710	1	1		
20	01296600	1	1		
21	50148100	2	2	8,4	DIN 125-St A3C
22	50347300	2	2	8	DIN 7980 A3C
23	50175900	2	2	M 8 X 30	DIN 912-8.8 A3C
24	50328300	2	2	VM 6	DIN 980-8 A3C
25	04043200	1	1		
26	-----	-	-		
27	01277700	1	1		
28	-----	-	-		
29	04043400	1	1		
30	01282400	2	2		
31	04062900	1	1		
32	50081200	4	4	A 6	DIN 137
33	50170600	4	4	M 6 X 20	DIN 6912-8.8
34	04047100	1	1		

Kraftstoffbehälter, Filter, Leitungen
 Fuel tank, filter, pipes
A 01 Reservoir à carburant, filtre, conduites
 Depósito combustible, filtro, tubería
 Serbatoio combustibile

Tafel Nr.
 Tabl. No.
 Tavola N.

19

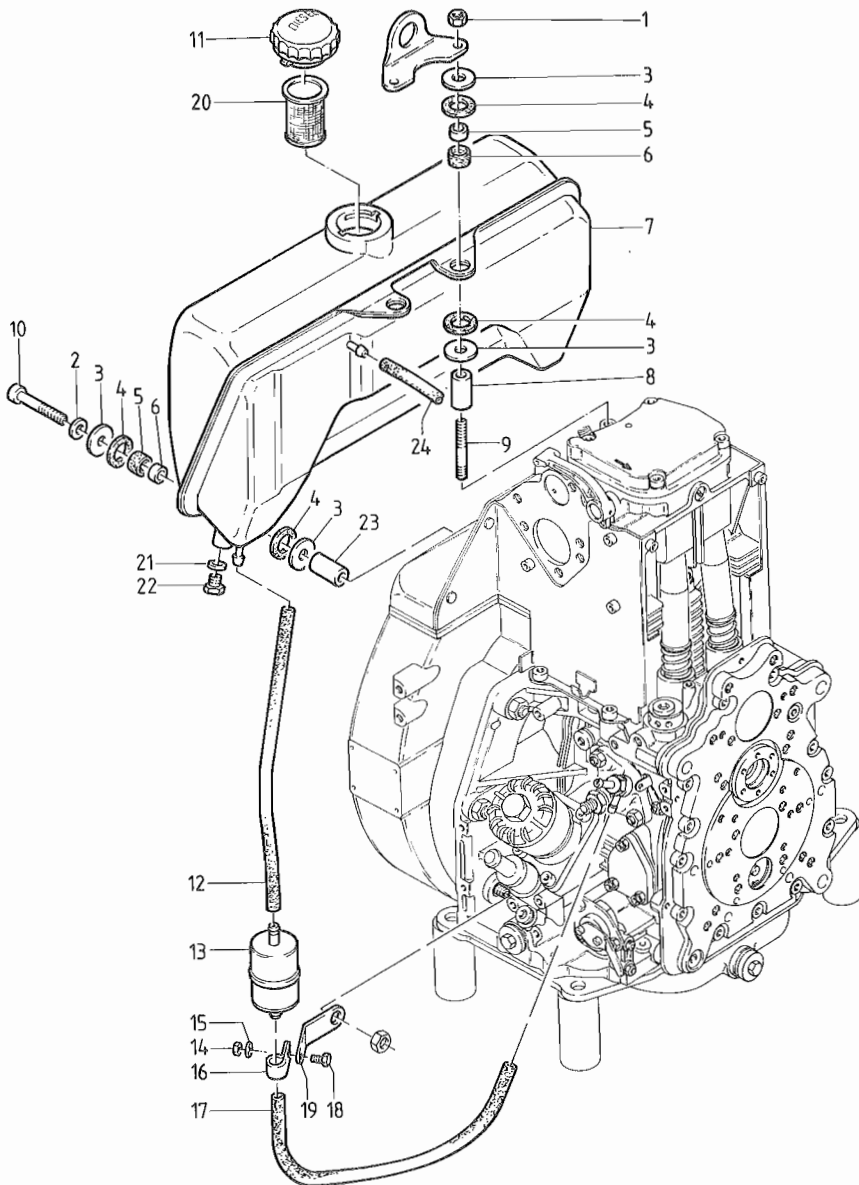


Fig.- No.	HATZ Ident-No.	Stück Qty.				P / W d / D	Bemerkungen Notes
		1D20	1D30	1D60	1D80		
			1D35				
			1D40				
1	50148000	2	2	2	2	M 8	DIN 934-8 A3C
2	50208500	4	4	4	4	8,4	DIN 128-St A3C
3	50062900	8	8	12	12	B 8,4	DIN 9021-St A3C
4	03981801	8	8	12	12	15-25	
5	03981900	4	4	6	6		
6	03981700	4	4	6	6	8,4 X 13 X 7	
7	01405500	1	1	-	-	5 l	
7	01193520	-	-	1	1	7 l	
8	03981500	2	2	-	-	9 X 18 X 49	
8	03989800	-	-	2	2	8,5 X 20 X 49	
9	50377001	2	2	2	2	M 8 X 75	DIN 835-10.9 A3C
10	50171600	2	2	-	-	M 8 X 65	DIN 912-8.8 A3C
10	50248800	-	-	4	4	M 8 X 60	DIN 912-8.8 A3C
11	40032700	1	1	-	-	P1	
11	50385800	-	-	1	1	P1	
12	03801200	1	1	1	1	7 X 220	
13	40089401	1	1	1	1	W2	
14	50144400	1	1	1	1	M 6	DIN 934-8
15	50144500	1	1	1	1	6,4	DIN 125-St A3C
16	03165500	1	1	1	1		
17	03493600	1	1	1	1	7 X 330 mm	
18	50165500	1	1	1	1	M 6 X 12	DIN 933-8.8 A3C
19	03989100	1	1	-	-		
19	03960500	-	-	1	1		
20	40037800	1	1	-	-		
20	50387300	-	-	1	1		
21	50001000	1	1	1	1	A 10 X 16	DIN 7603-Cu
22	50359800	1	1	1	1	M 10 X 12	DIN 933-8.8 A3C
23	03981600	2	2	-	-	9 X 18 X 38	
23	03963310	-	-	4	4	9 X 18 X 30	
24	03663800	1	1	-	-	4,5 X 40 mm	
24	03663700	-	-	1	1	4,5 X 50 mm	

Kraftstoffbehälter, Filter, Leitungen – 1 D35

Fuel tank, filter, pipes – 1 D35

Reservoir à carburant, filtre, conduites – 1 D35

Depósito combustible, filtro, tubería – 1 D35

Serbatoio combustibile – 1 D35

Tafel Nr.

Tabl. No.

Tavola N.

20

A 01

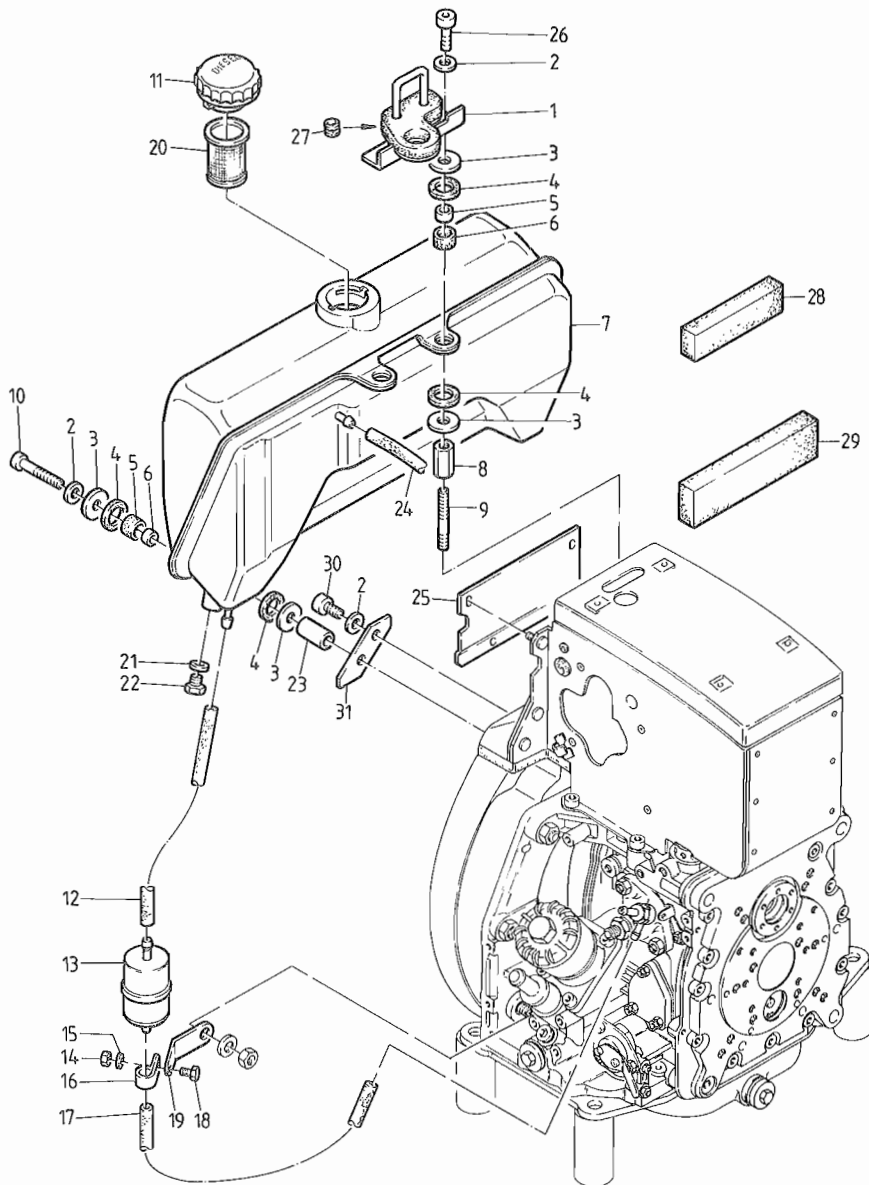


Fig.- No.	HATZ Ident-No.	Stück Qty.	P / W d / D	Bemerkungen Notes
1D35				
1	01448700	1		
2	50208500	6		8,4 DIN 128-St
3	50062900	8		B 8,4 DIN 9021-St A3C
4	03881801	8		15 - 25
5	03981900	4		
6	03981700	4		8,4 X 13 X 7
7	05011100	1		5 l
8	05010700	2		M 8 – 49 mm
9	50037300	2		M 8 X 18 DIN 835-10.9
10	50171600	2		M 8 X 65 DIN 912-8.8 A3C
11	40032700	1	P1	
12	03801200	1		7 X 220
13	40089401	1	W2	
14	50144400	1		M 6 DIN 934-8
15	50144500	1		6,4 DIN 125-St A3C
16	03165500	1		
17	03493600	1		7 X 330 mm
18	50165500	1		M 6 X 12 DIN 933-8.8 A3C
19	03989100	1		
20	50387300	1		
21	50001000	1		A 10 X 16 DIN7603-Cu
22	50359800	1		M 10 X 12 DIN 933-8.8 A3C
23	03963310	1		9 X 18 X 30
24	03663800	1		4,5 X 40 mm
25	04063300	1		
26	50175900	2		M 8 X 30 DIN 912-8.8 A3C
27	50163800	2		7012
28	05010800	1		125 mm
29	05010900	1		135 mm
30	50366300	2		M 8 X 20 DIN 912-8.8 A3C
31	05010600	2		

A 01

Förderpumpe
Fuel feed pump
Pompe alimentation
Bomba alimentacion
Pompa A. C.

Tafel Nr.
Tabl. No.
Tavola N.

21

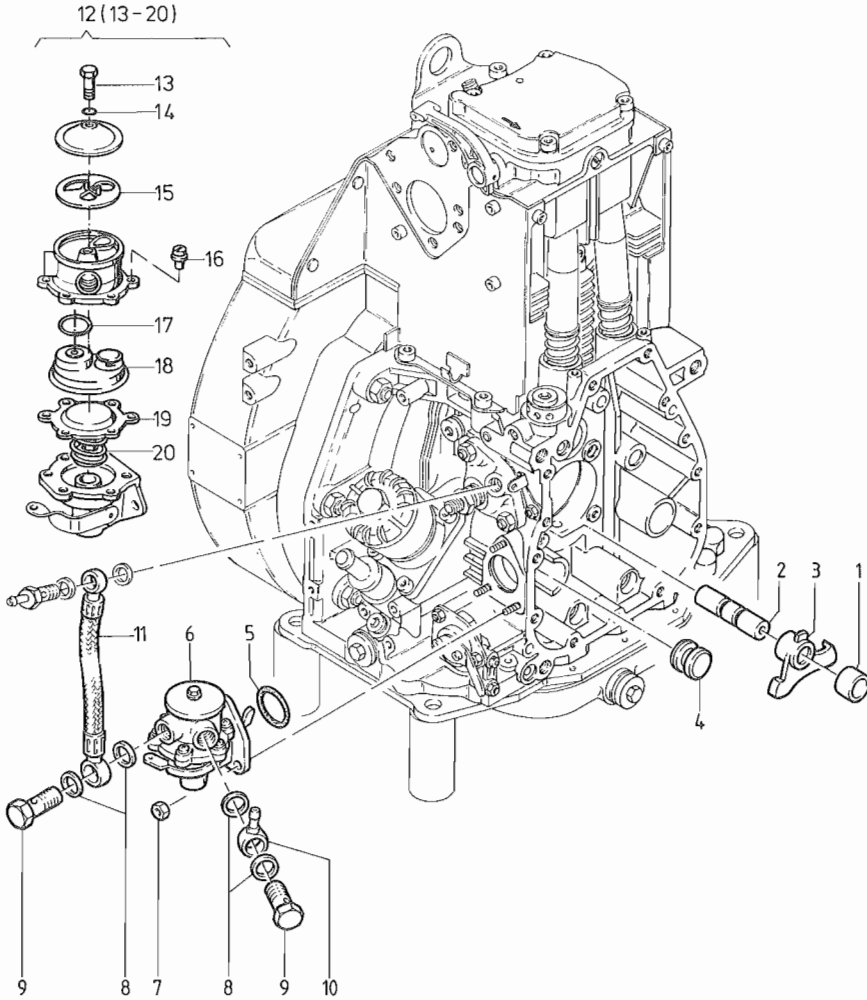


Fig.- No.	HATZ Ident-No.	Stück Qty.				P / W d / D	Bemerkungen Notes
		1D20	1D30	1D60	1D80		
			1D35				
			1D40				
1	04011900	1	1	1	1		S-T
2	03796400	1	1	1	1		S-T
3	04011800	1	1	1	1		
4	04023600	1	1	-	-		
4	04000800	-	-	1	1		
5	50331800	1	1	1	1		35 X 2,8
6	50332300	1	1	1	1		
7	50328300	3	3	3	3		VM8 980-8 A3C
8	50001200	4	4	4	4		A 14 X 18 DIN 7603-Cu
9	50006400	2	2	2	2		10-3 DIN 7643
10	50015900	1	1	1	1		NW 8/6
11	03969900	1	1	1	1		
12	49062500	1	1	1	1		
13	-----	-	-	-	-		
14	-----	-	-	-	-		
15	49061700	1	1	1	1		
16	-----	-	-	-	-		
17	-----	-	-	-	-		
18	-----	-	-	-	-		
19	-----	-	-	-	-		
20	-----	-	-	-	-		

Luftfilter
Air filter
Filtre à air
Filtro de aire
Filtro aria

A 02

Tafel Nr.
Tabl. No.
Tavola N.

22

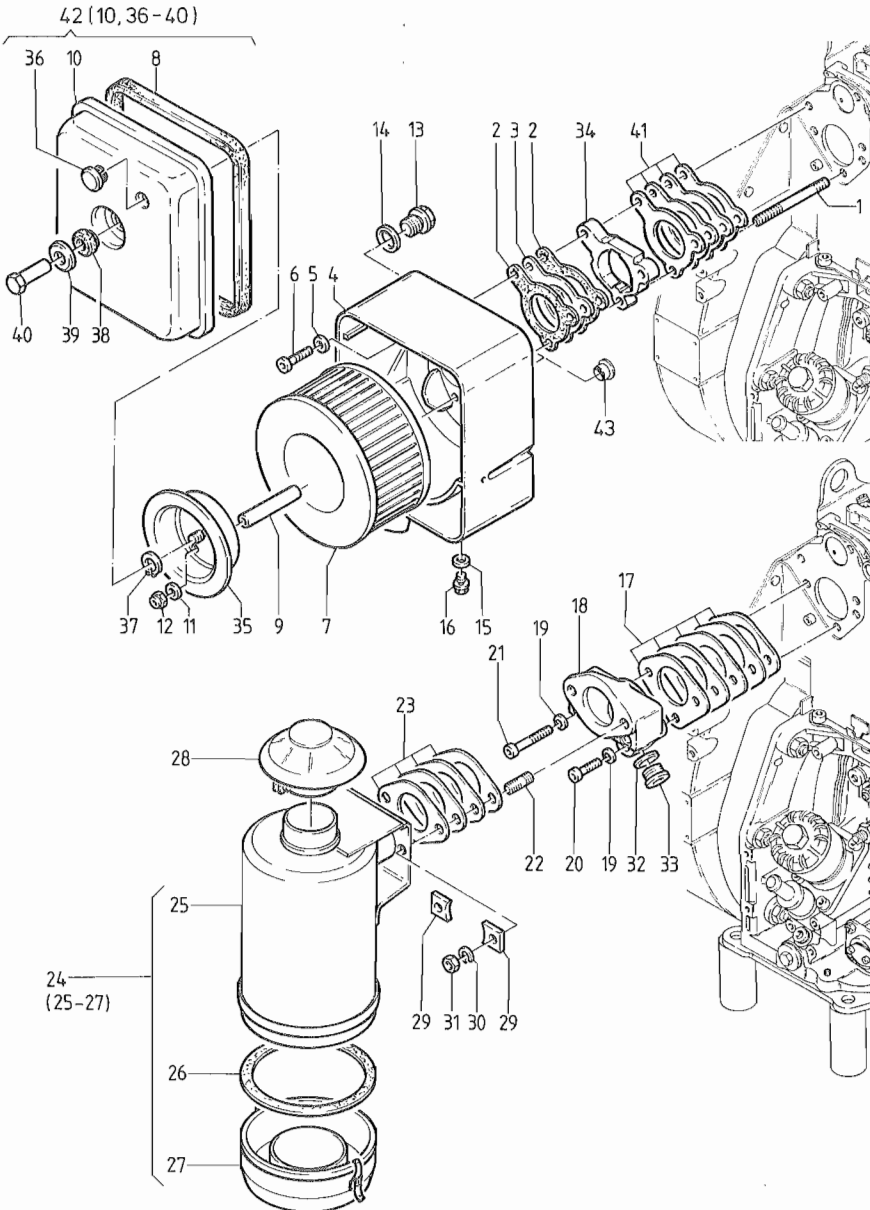


Fig.- No.	HATZ Ident-No.	Stück Qty.				P / W d / D	Bemerkungen Notes
		1D20	1D30	1D60	1D80		
			1D35				
			1D40				
1	50039600	2	2	-	-		M 8 x 115 DIN 835
1	50039500	-	-	2	2		M 8 X 110 DIN 835-8.8 A3C
2	04029800	2	2	-	-	d2	
2	04006300	-	-	2	2	d2	
3	04029701	1	1	-	-		
3	04006200	-	-	1	1		
4	04029910	1	1	-	-		
4	04004310	-	-	1	1		
4	04053600	-	-	1	1		Dek.-Autom. „C“
5	50095100	1	1	1	1		A 8 DIN 137-A3C
6	50080800	1	1	-	-		M 8 X 42 DIN 912-8.8
6	50398400	-	-	1	1		M 8 X 45 DIN 6912-8.8 A3C
7	04030100	1	1	-	-	W2	
7	40084500	-	-	1	1	W2	
8	04061500	1	1	-	-		626 mm
8	04047700	-	-	1	1		704 mm
9	04039610	2	2	2	2		9 X 16 X 64,7
10	04060800	1	1	-	-		
10	04045300	-	-	1	1		
11	50148100	2	2	2	2		8,4 DIN 125-St
12	50129500	2	2	2	2		M 8 DIN 985-5
13	50140400	1	1	1	1		AM 22 X 1,5 DIN 7604
14	50001600	1	1	1	1		AM 22 X 27 DIN 7603-Cu
15	50000900	1	1	-	-		A 8 X 11,5 DIN 7603-Cu
15	50062400	-	-	1	1		A 10 X 13,5 DIN 7603-Cu
16	50137900	1	1	-	-		M 8 X 1 DIN 7604
16	50062300	-	-	1	1		M 10 X 1 DIN 908-5.8 A3C
17	01280200	-	-	1	1		
18	03987200	-	-	1	1		
19	50095100	-	-	3	3		A 8 DIN 137 A3C
20	50175900	-	-	1	1		M 8 X 30 DIN 912-8.8 A3C
21	50288800	-	-	2	2		M 8 X 55 DIN 912-8.8 A3C
22	50145400	-	-	2	2		M 10 X 28 DIN 835-8.8 A3C
23	01158700	-	-	1	1		

Luffilter
Air filter
Filtre à air
Filtro de aire
Filtro aria

Tafel Nr.
Tabl. No.
Tavola N.

A 02

22

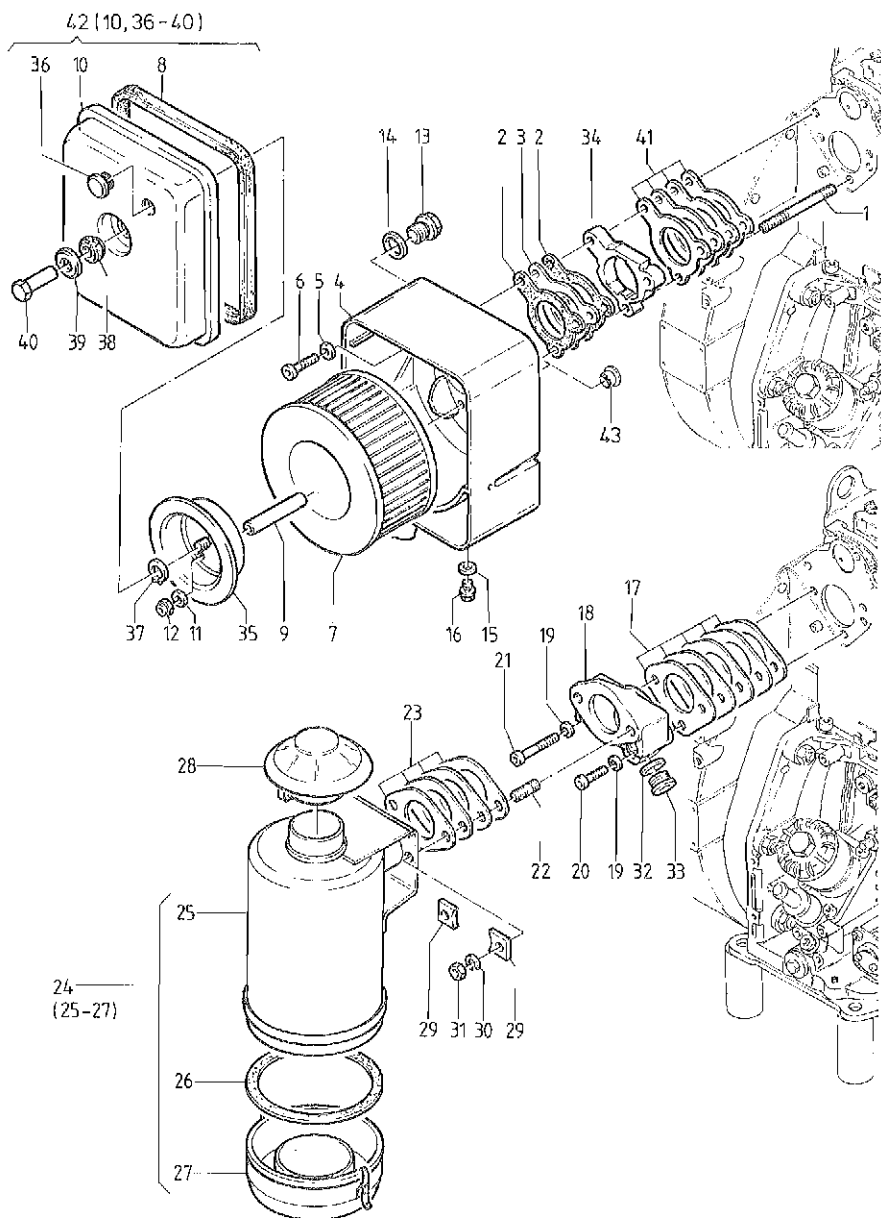


Fig.- No.	HATZ Ident-No.	Stück Qty.				P / W d / D	Bemerkungen Notes
		1D20	1D30	1D60	1D80		
			1D35				
			1D40				
24	01078500	-	-	1	1		
25	-----	-	-	-	-		
26	49038000	-	-	1	1		
27	49056600	-	-	1	1		
28	40036700	-	-	1	1		Ø 62 mm
29	03945400	-	-	2	2		
30	50135600	-	-	2	2		10 DIN 128 A3C
31	50145800	-	-	2	2		M 10 DIN 934-8 A3C
32	50001600	-	-	1	1		A 22 X 27 DIN 7603-Cu
33	50140400	-	-	1	1		M 22 X 1,5 DIN 7604 A3C
34	04053100	1	1	-	-		
34	04047300	-	-	1	1		
35	01289000	1	1	-	-		
35	01275400	-	-	1	1		
36	04048600	1	1	1	1		
37	50384100	1	1	1	1		
38	04048500	1	1	1	1		
39	04047400	1	1	1	1		
40	04059400	1	1	1	1		
41	01449100	1	1	-	-		
41	01287900	-	-	1	1		
42	01449700	1	1	-	-		
42	01279500	-	-	1	1		
43	50395700	1	1	1	1		15 PHT

Luftfilter – 1D35
Air filter – 1D35
Filtre à air – 1D35
Filtro de aire – 1D35
Filtro aria – 1D35

Tafel Nr.
Tabl. No.
Tavola N.

23

A 02

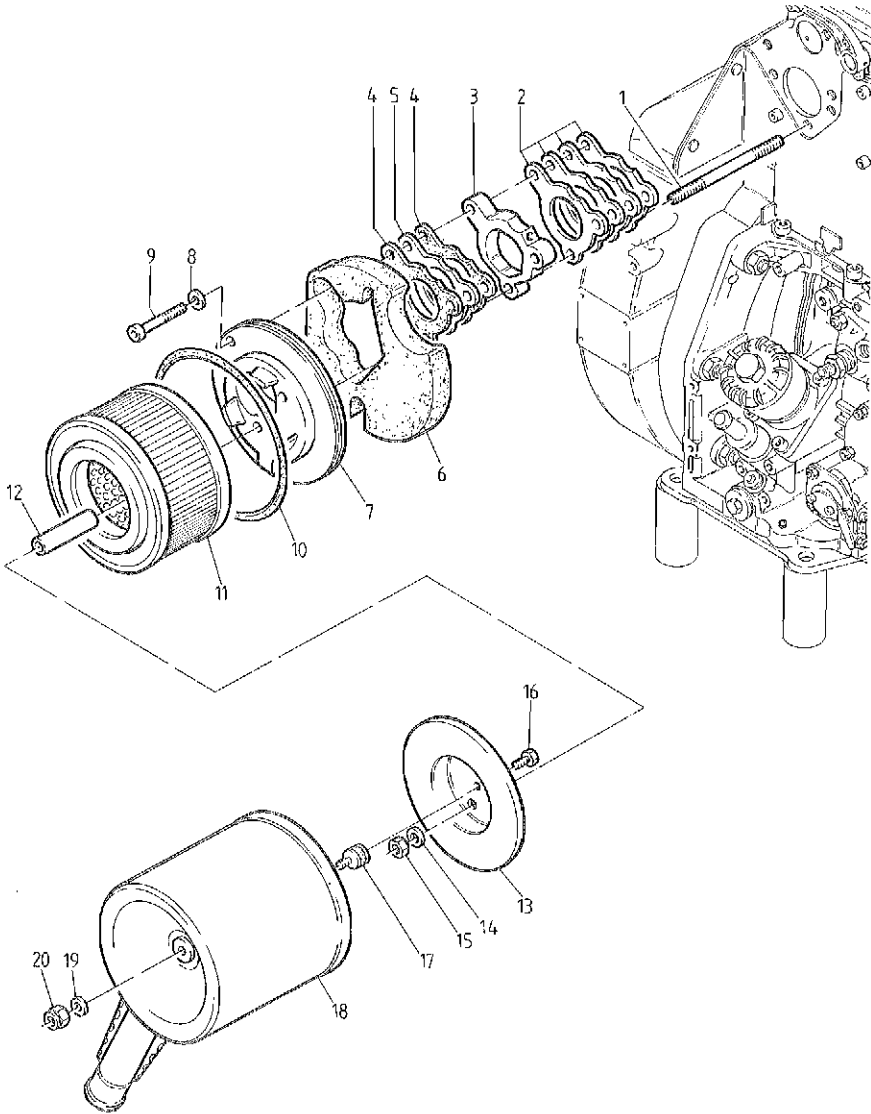


Fig.- No.	HATZ Ident-No.	Stück Qty.	P / W d / D	Bemerkungen Notes
1D35				
1	50059100	2		M 8 X 120 DIN 835-5.8
2	01449100	1		
3	04053100	1		
4	04029800	2		
5	04029700	1		
6	04063200	1		
7	04054700	1		
8	50095100	1		A 8 DIN 137 A3C
9	50342400	1		M 8 X 50 DIN 6912-8.8 A3C
10	04055700	1		135 X 6
11	04030100	1	W2	
12	04039610	1		9 X 16 X 64,7
13	04054800	1		
14	50148100	2		8,4 DIN 125-St A3C
15	50129500	2		M 8 DIN 985-5 A3C
16	50333500	1		M 6 X 8 DIN 933-8.8 A3C
17	50395100	1		25 / 25
18	01281100	1		
19	50144500	1		6,4 DIN 125-St A3C
20	40028300	1		M 6 SSN 440-8 Cu

A 03

Abgasdämpfer – S, Z, T, U
Exhaust silencer – S, Z, T, U
Silencieux – S, Z, T, U
Silenciador – S, Z, T, U
Marmitta – S, Z, T, U

Tafel Nr.
Tabl. No.
Tavola N.

24

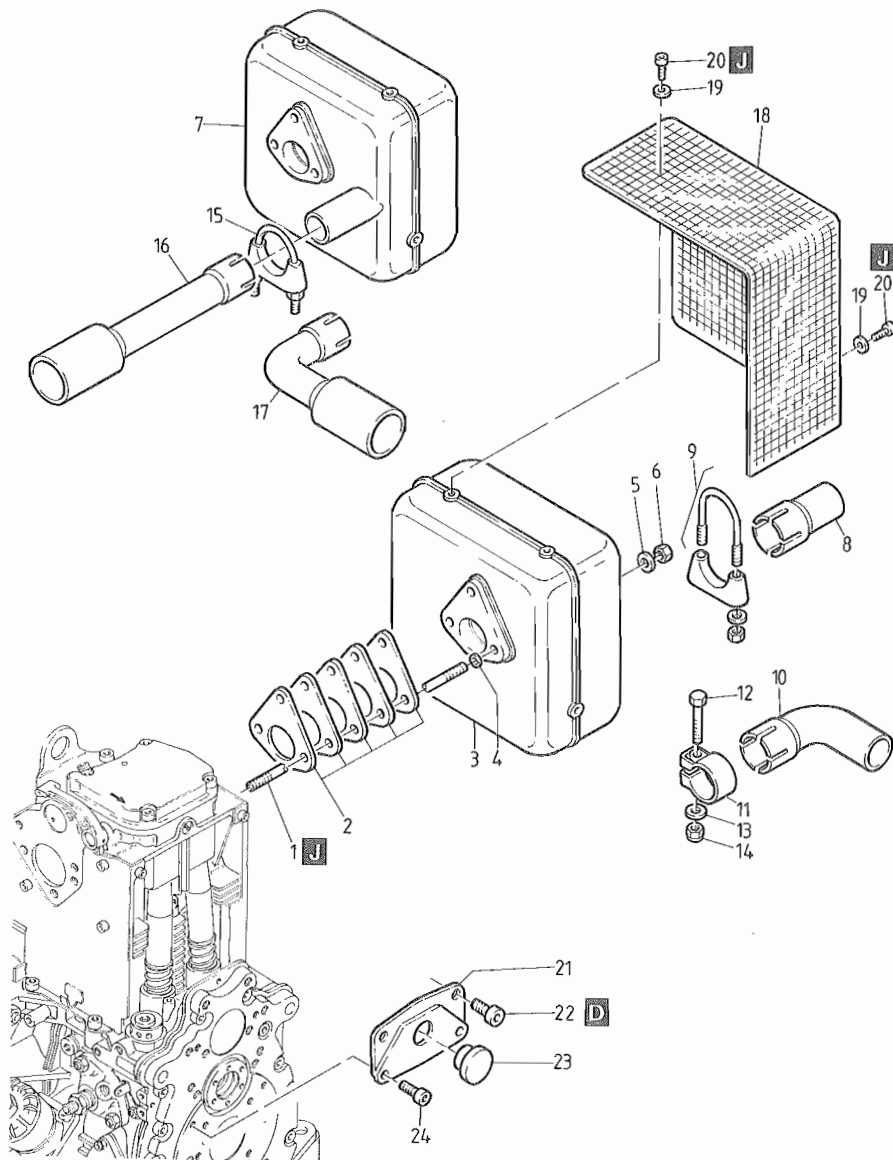


Fig.- No.	HATZ Ident-No.	Stück Qty.				P / W d / D	Bemerkungen Notes
		1D20	1D30	1D60	1D80		
			1D35				
			1D40				
1	50059100	3	3	-	-		M 8 X 120 DIN 835-8.8 A3C
1	50129400	-	-	3	3		M 8 X 140 DIN 835-8.8 A3C
2	01427900	1	1	-	-	d1	
2	01429100	-	-	1	1	d1	
3	01416900	1	1	-	-		
3	01448600	-	1	-	-		1D35
3	01181300	-	-	1	1		
4	05001800	3	3	3	3		8 X 10 X 1,5
5	50148100	3	3	3	3		8,4 DIN 125-St A3C
6	40028400	3	3	3	3		VM 8 DIN 980-8 C3A
7	01417801	1	1	-	-		
7	01416300	-	-	1	1		
8	03998300	1	1	-	-		
9	00873100	1	1	-	-		
10	03877300	-	-	1	1		
11	03877700	-	-	1	1		52,5 mm
12	50249500	-	-	1	1		M 10 X 50 DIN 931-8.8 A3C
13	50145900	-	-	1	1		10,5 DIN 125-St A3C
14	40028600	-	-	1	1		VM 10 DIN 980-8 C3A
15	50388000	1	1	-	-		1/8-28
15	50388100	-	-	1	1		3/8-35
16	03997300	1	1	-	-		
16	03997100	-	-	1	1		
17	03997200	1	1	-	-		
17	03997000	-	-	1	1		
18	01428500	1	1	-	-		
18	01191900	-	-	1	1		
19	50120000	4	4	5	5		A 6,4 DIN 9021-St A3C
20	50139000	4	4	5	5		M 6 X 10 DIN 912-8.8 C4P
21	03985300	-	-	1	1		
22	50135700	-	-	2	2		M 10 X 16 DIN 912-8.8 A3C
23	40091400	-	-	1	1		F 28
24	50165400	-	-	2	2		M 8 X 16 DIN 912-8.8 A3C

A 03

Abgasdämpfer – C
Exhaust silencer – C
Silencieux – C
Silenciador – C
Marmitta – C

Tafel Nr.
Tabl. No.
Tavola N.

25

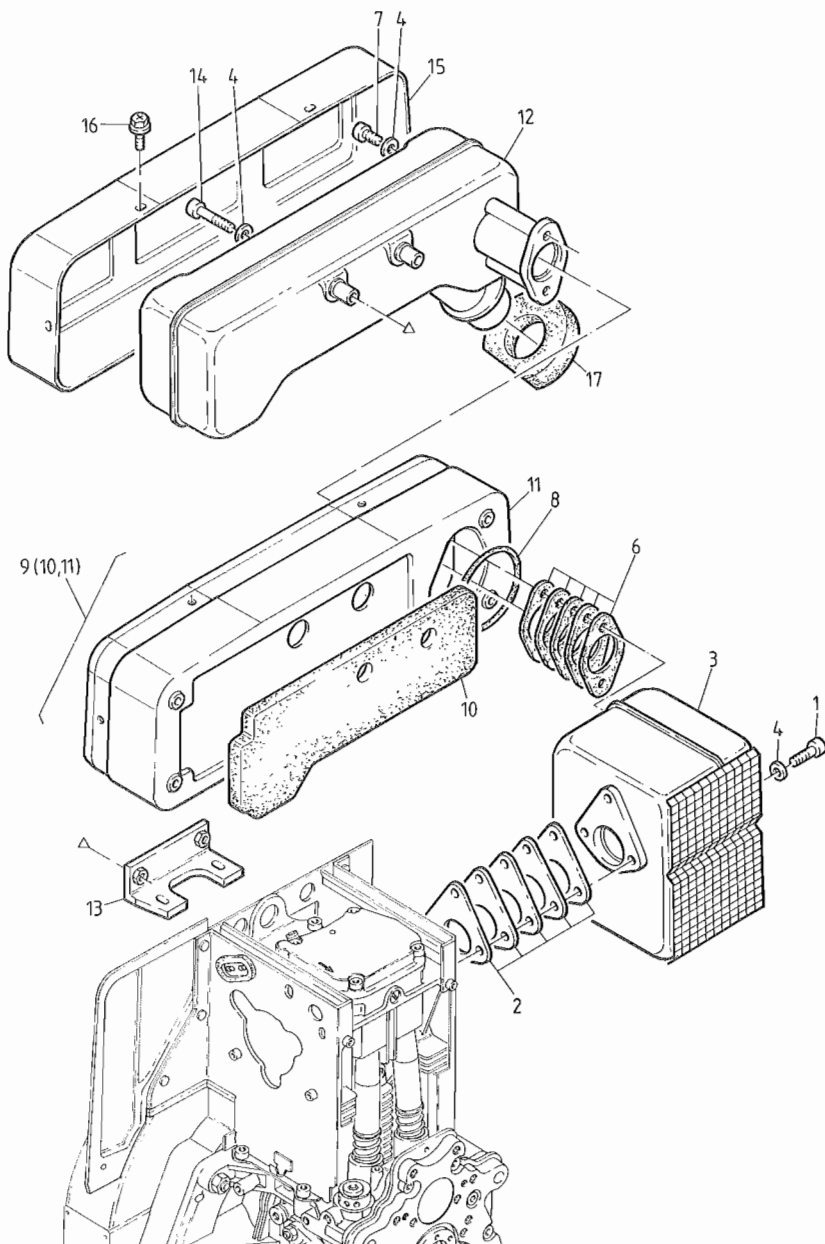


Fig.- No.	HATZ Ident-No.	Stück Qty.		P / W d / D	Bemerkungen Notes
		1D60 C	1D80 C		
1	50052200	3	3		M 8 x 30 DIN 912-8.8
2	01429100	1	1		
3	01282002	1	1		
4	50115700	7	7		8,4 DIN 433-St
5	-----	-	-		
6	01287800	1	1		
7	50052100	2	2		M 8 X 25 DIN 912-8.8
8	50349700	1	1		100 X 2,5
9	01278200	1	1		
10	04045400	1	1		
11	01273001	1	1		
12	01282202	1	1		
13	01282710	1	1		
14	50052800	2	2		M 8 X 55 DIN 912-8.8
15	04045100	1	1		
16	50289200	6	6		M 6 X 12 KZ 1
17	04050000	1	1		

Andrehkurbel, Rücklaufsperr
 Starting handle, return stop
 Manivelle, disp. anti-retour
 Manivela, bloqueo de retroces
 Manovella

Tafel Nr.
 Tabl. No.
 Tavola N.

A 04

26

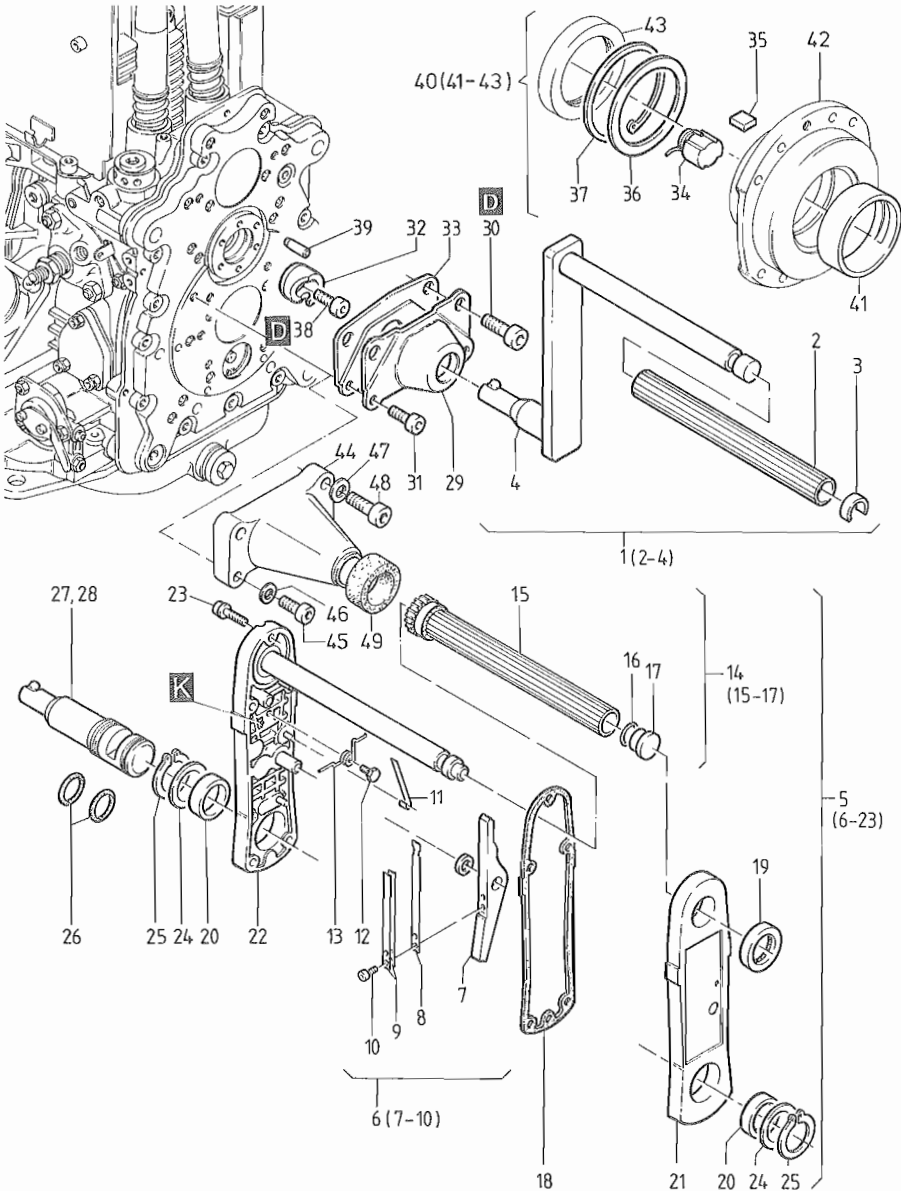


Fig.- No.	HATZ Ident-No.	Stück Qty.				P / W d / D	Bemerkungen Notes
		1D20	1D30	1D60	1D80		
			1D35				
			1D40				
1	01248002	1	1	1	1		80 mm
1	01426502	1	1	1	1		140 mm
1	01426702	1	1	1	1		160 mm
1	01407302	1	1	1	1		200 mm
1	01433202	1	1	1	1		275 mm
2	03522400	1	1	1	1		
3	03515400	1	1	1	1		
4	-----	-	-	-	-		
5	01027805	1	1	1	1		„A“
6	01011404	1	1	1	1		
7	-----	-	-	-	-		
8	03812102	1	1	1	1		
9	03917100	1	1	1	1		
10	50316500	2	2	2	2		M 5 X 8 DIN 6912-8.8
11	03954900	1	1	1	1		
12	03955600	1	1	1	1		
13	03955900	1	1	1	1		„A“
14	01011310	1	1	1	1		
15	-----	-	-	-	-		
16	50169100	1	1	1	1		19 X 1,8
17	50199200	1	1	1	1		
18	03813000	1	1	1	1		
19	50194200	1	1	1	1		
20	50193400	2	2	2	2		
21	-----	-	-	-	-		
22	-----	-	-	-	-		
23	50194400	5	5	5	5		M 6 X 25 DIN 6912-8.8 A3C
24	03928600	0...4	0...4	0...4	0...4		
25	50194300	2	2	2	2		A 30 X 1,5K DIN 983
26	50258500	2	2	2	2		26 X 1,5
27	01187202	1	1	1	1		80 mm
27	01426802	1	1	1	1		140 mm
27	01426902	1	1	1	1		160 mm
27	01411402	1	1	1	1		200 mm
27	01421102	1	1	1	1		275 mm
28	-----	-	-	-	-		

Andrehkurbel, Rücklaufsperr
 Starting handle, return stop
 Manivelle, disp. anti-retour
 Manivela, bloqueo de retroces
 Manovella

Tafel Nr.
 Tabl. No.
 Tavola N.

26

A 04

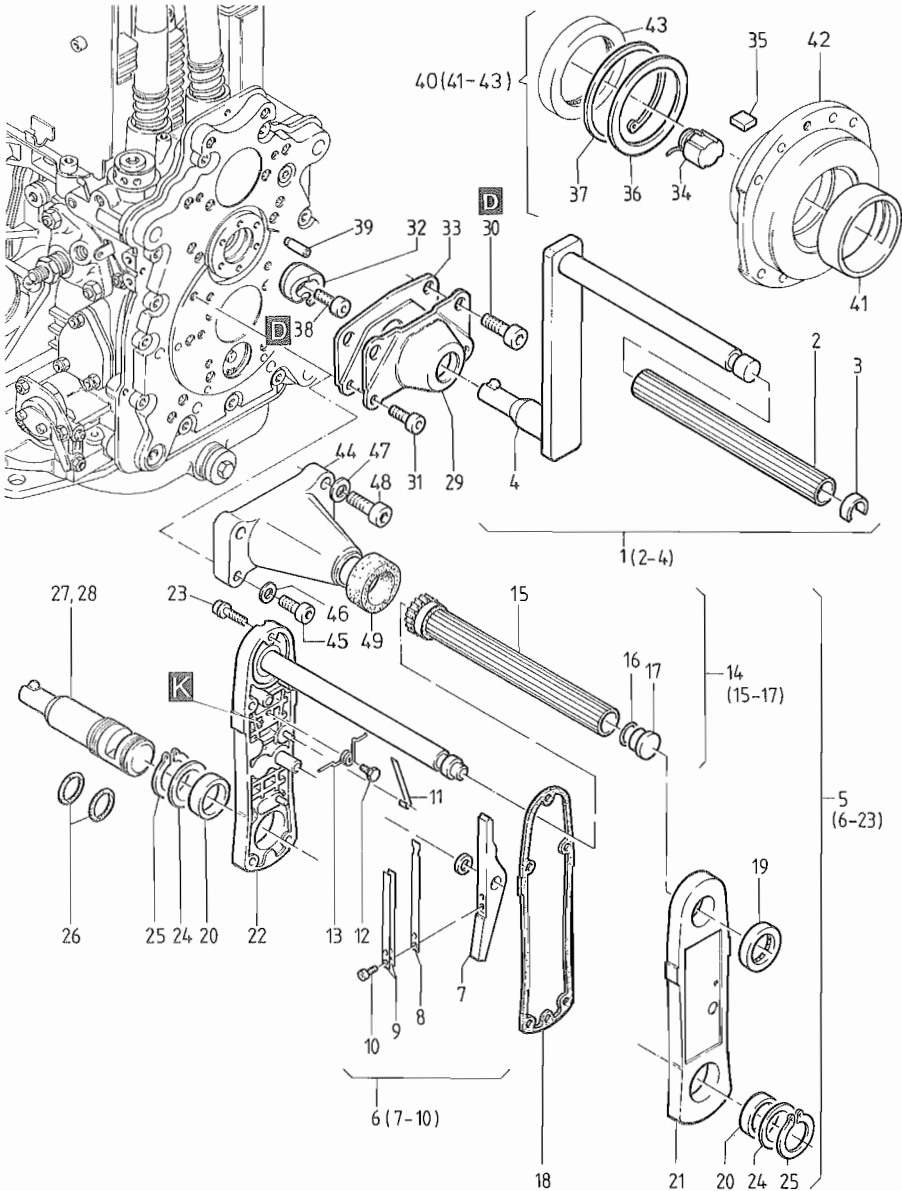


Fig.- No.	HATZ Ident-No.	Stück Qty.				P / W d / D	Bemerkungen Notes
		1D20	1D30	1D60	1D80		
			1D35				
			1D40				
29	01452600	1	1	1	1		
30	50343700	2	2	2	2		M 10 X 25 DIN 912-8.8 TUF A3C
31	50206300	2	2	2	2		M 8 X 18 DIN 912-8.8 A3C
32	04020310	1	1	1	1		
33	03985300	1	1	1	1		
34	50380200	-	-	24	24		
35	50380301	-	-	2	2		
36	50384800	-	-	1	1		70 X 90 X 1,2 DIN 988
37	50384700	-	-	1	1		90 X 3 DIN 472
38	50134900	1	1	1	1		M 8 X 16 DIN 6912-8.8 A3C
39	50387100	1	1	1	1		5 M 6 X 20 DIN 6325
40	01253200	-	-	1	1		
41	04006800	-	-	1	1		
42	-----	-	-	-	-		
43	50362700	-	-	1	1		62 X 90 X 10
44	01459500	1	1	1	1		
44	01433300	1	1	1	1		„C“
45	50183000	2	2	2	2		M 8 X 35 DIN 912-8.8 A3C
46	50148100	2	2	2	2		8,4 DIN 125-St A3C
47	50145900	2	2	2	2		10,5 DIN 125-St A3C
48	50327800	2	2	2	2		M 10 X 35 DIN 912-8.8 A3C
49	03579700	1	1	1	1		„C“

Fig.- No.	HATZ Ident-No.	Stück Qty.	P / W d / D	Bemerkungen Notes
		1D20	1D30 1D35 1D40	
1	01166700	1	1	„S - Z“
2	-----	-	-	
3	50348800	1	1	12 DIN 6796 FST
4	50390500	1	1	M 12X1,5X25 DIN 961-10.9 A3C
5	50146300	1	1	M 6 X 18 DIN 933
6	50165600	1	1	6,5 X 14 DIN 6904 A3C
7	50348300	1	1	
8	50348100	1	1	
9	50347900	1	1	
10	50348200	1	1	
11	50348500	1	1	
12	50348400	1	1	
13	50347800	1	1	
14	50348000	1	1	
15	03944601	1	1	
16	03946800	1	1	
17	50081200	4	4	A 6 DIN 137
18	50170600	4	4	M 6 X 20 DIN 912-8.8 A3C
19	01172701	1	1	„S - Z“
20	05000200	1	1	
21	50364700	1	1	32 X 52 X 7
22	05000500	1	1	
23	50052100	2	2	M 8 X 25 DIN 912-8.8
24	50343700	2	2	M 10 X 25 DIN 912-8.8 Tuf.
25	03996200	1	1	
26	05001000	1	1	
27	50051900	4	4	M 8 X 20 DIN 912-8.8
28	05001100	1	1	
29	50170900	4	4	6 DIN 128 A3C
30	50170700	4	4	M 6 X 16 DIN 912-8.8
31	01439800	1	1	„T - U“
32	50144500	4	4	6,4 DIN 128-St A3C
33	50025400	4	4	M 6 X 10 DIN 933-8.8
34	-----	1	1	
35	50289200	4	4	M 6 X 12 KZ1 A3C
36	50144400	1	1	M 6 DIN 934-8 A3C
37	01293600	1	1	
38	01434600	1	1	„T - U“

A 05

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

Tafel Nr.
Tabl. No.
Tavola N.

28

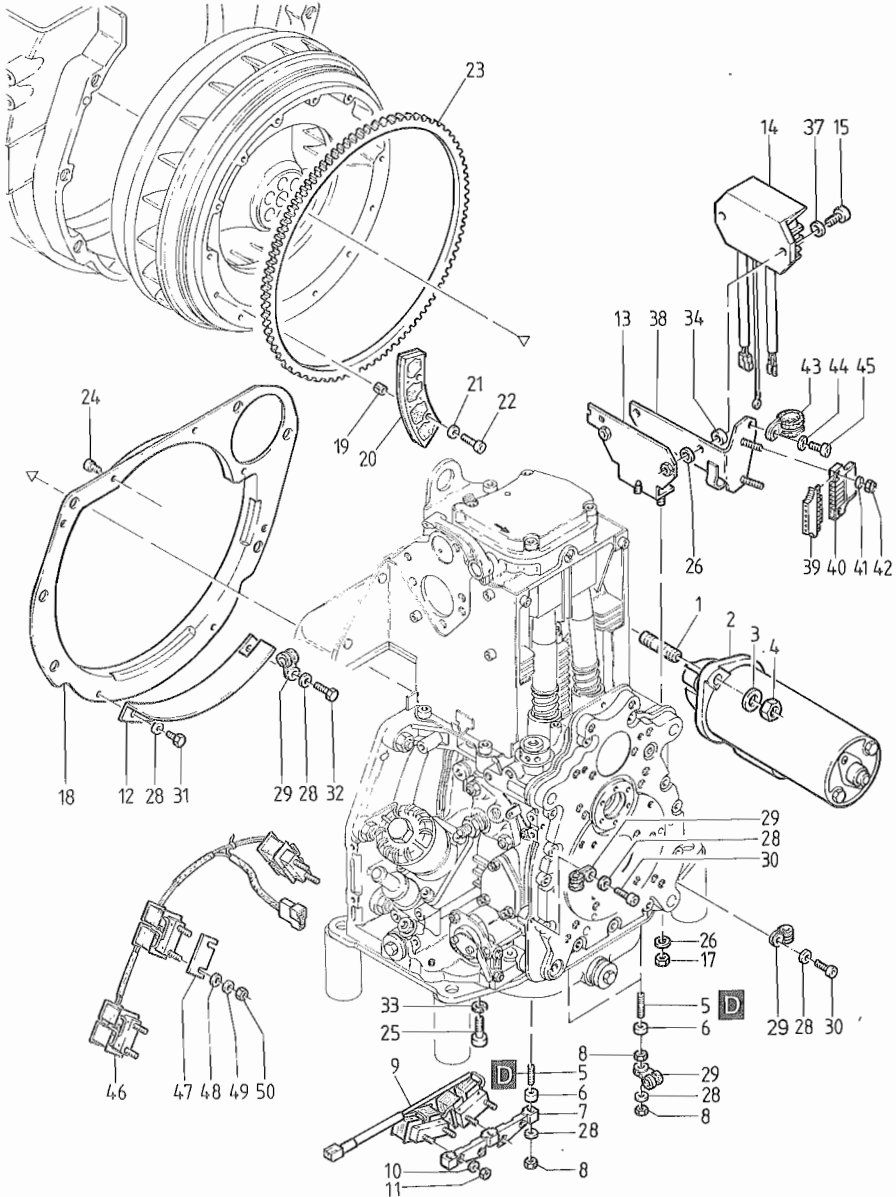


Fig.- No.	HATZ Ident-No.	Stück Qty.				P / W d / D	Bemerkungen Notes
		1D20	1D30	1D60	1D80		
			1D35				
			1D40				
1	50365000	2	2	2	2		M 12 X 50 DIN 938-8.8 A3C f. Taf., Tab. 31, Pos. 9
1	50364900	2	2	2	2		M 12 X 40 DIN 938-8.8 A3C f. Taf., Tab. 13, Pos. 19
2	50353510	1	1	-	-		12 V - 1,6 kW
2	50389700	1	1	-	-		12 V - 1,6 kW T-U
2	50382200	1	1	-	-		24 V - 1,6 kW
2	50353420	-	-	1	1		12 V - 1,5 kW
2	50385000	-	-	1	1		12 V - 1,5 kW T-U
2	50385310	-	-	1	1		24 V - 1,6 kW
3	50093700	2	2	2	2		13 DIN 125-St A3C
4	50380600	2	2	2	2		M 12 DIN 970-8 A3C
5	50328600	3	3	6	6		M 6 X 25 DIN 938-8.8 A3C
6	04021000	3	3	6	6		6,3 X 12 X 15,5
7	04020900	-	-	1	1		
8	50144400	6	6	9	9		M 6 DIN 934-8 A3C
9	01427000	-	-	1	1		12 V
9	01427100	-	-	1	1		24 V
10	50315400	-	-	4	4		B 4 DIN 137 A3C
11	50147100	-	-	4	4		M 4 DIN 934-8.8 A3C
12	04021100	-	-	1	1		
13	01253810	1	1	1	1		
14	01248102	1	1	1	1		12 V
14	01425000	-	-	1	1		24 V
15	50171500	2	2	2	2		M 8 X 25 DIN 912-8.8 A3C
16	-----	-	-	-	-		
17	50148000	2	2	2	2		
18	04031800	1	1	-	-		
18	04009910	-	-	1	1		S-Z
19	50327400	12	12	-	-		5 X 10 DIN 7346
20	04031600	6	6	-	-		
20	04020420	-	-	7	7		
21	50147200	12	12	14	14		4,3 DIN 125-St A3C
22	50327300	12	12	-	-		
22	50397100	-	-	14	14		4 X 10 DIN 912-8.8 Tuf.

A 05

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

Tafel Nr.
Tabl. No.
Tavola N.

28

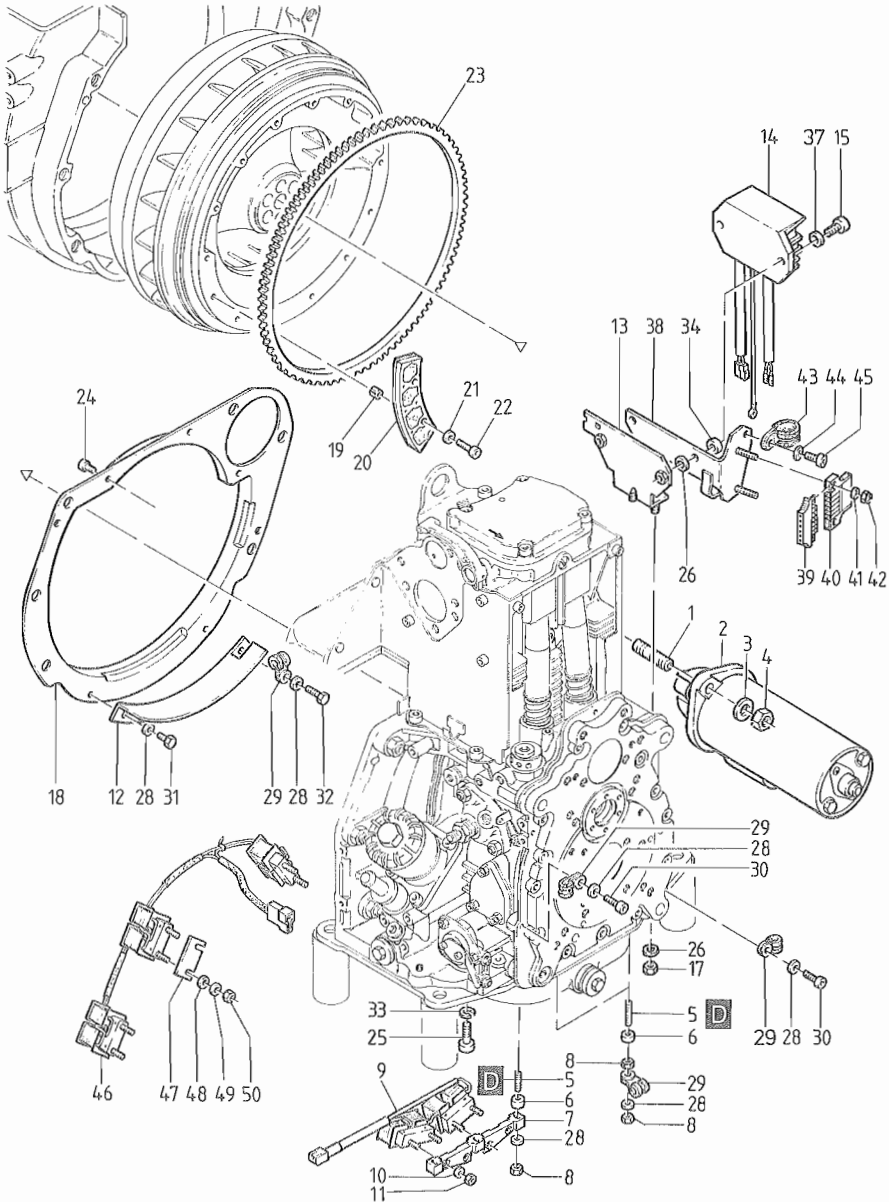


Fig.- No.	HATZ Ident-No.	Stück Qty.				P / W d / D	Bemerkungen Notes
		1D20	1D30	1D60	1D80		
			1D35				
			1D40				
23	04032310	1	1	-	-		S, Z, C
23	03997500	1	1	-	-		T, U
23	04021210	-	-	1	1		S, Z, C
23	03994200	-	-	1	1		T, U
24	50050400	3	3	3	3		M 6 X 8 DIN 6912-8.8
25	50114400	-	-	1	1		M 8 X 25 DIN 6912-8.8
26	50179900	2	2	4	4		J 8,4 DIN 6797 A3C
27	-----	-	-	-	-		
28	50144500	4	4	10	10		6,4 DIN 125-St A3C
29	50173500	4	4	5	5		10 / 15
30	50170700	1	1	2	2		M 6 X 16 DIN 912-8.8 A3C
31	50165500	-	-	1	1		M 6 X 12 DIN 933-8.8 A3C
32	50177100	-	-	1	1		M 6 X 16 DIN 933-8.8 A3C
33	50347300	-	-	1	1		8 DIN 7980 A3C
34	03777700	2	2	2	2		9 X 18 X 5
35	-----	-	-	-	-		
36	-----	-	-	-	-		
37	03788800	2	2	2	2		8,4 X 15 X 2
38	01402700	1	1	1	1		
39	50373600	1	1	1	1		
40	50373700	1	1	1	1		
41	50216300	2	2	2	2		
42	40028200	2	2	2	2		
43	50190310	1	1	1	1		21/15
44	50081200	1	1	1	1		
45	50170700	1	1	1	1		
46	01262901	1	1	-	-		12 V
46	01434900	1	1	-	-		24 V
47	04031900	0...3	0...3	-	-		0,3 mm
47	04032000	0...3	0...3	-	-		0,5 mm
47	04032100	0...3	0...3	-	-		1,0 mm
48	50147200	6	6	-	-		4,3 DIN 125 St-A3C
49	50315400	6	6	-	-		B 4 DIN 137 A3C
50	50147100	6	6	-	-		M 4 DIN 934-8 A3C

A 05

Armaturenkasten
Instrument box
Boitiere de bord
Cuadro de mando
Cruscotto

Tafel Nr.
Tabl. No.
Tavola N.

29

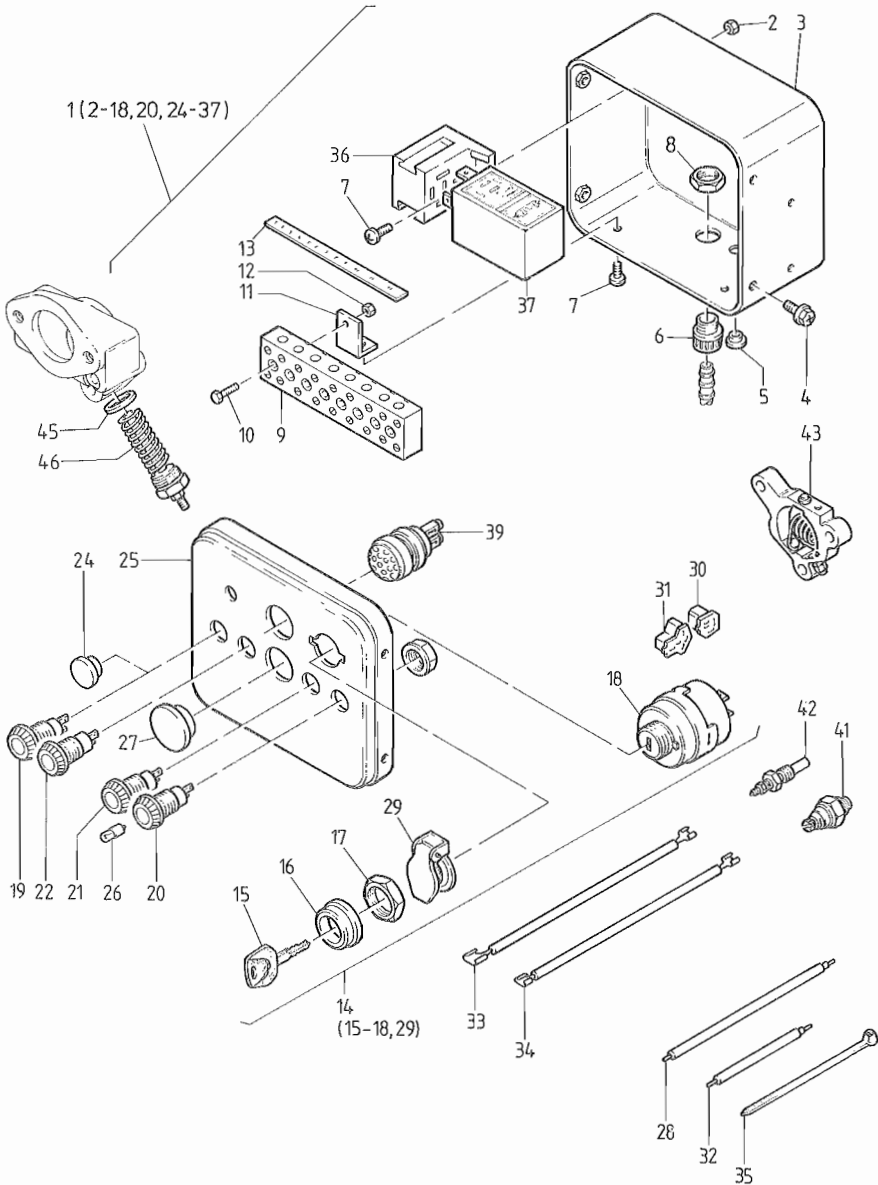


Fig.- No.	HATZ Ident-No.	Stück Qty.				P / W d / D	Bemerkungen Notes
		1D20	1D30	1D60	1D80		
			1D35				
			1D40				
1	01407000	1	1	1	1		12 V
1	01457700	1	1	1	1		24 V
2	40028200	1	1	1	1		
3	00716311	1	1	1	1		
4	50289200	4	4	4	4		M 6 X 12 KZ1 8.8 A3D
5	50160800	1	1	1	1		
6	50159010	1	1	1	1		
7	50049300	3	3	3	3		M 5 X 10 DIN 7985-4.8 A3R
8	50159100	1	1	1	1		
9	50160700	1	1	1	1		
10	50158800	2	2	2	2		M 4 X 20 DIN 84-4.8 A3C
11	03666700	2	2	2	2		
12	50147100	2	2	2	2		M 4 DIN 934-8 A3C
13	05004300	1	1	1	1		
14	50276501	1	1	1	1		
15	50345300	1	1	1	1	P1	
16	-----	-	-	-	-		
17	-----	-	-	-	-		
18	-----	-	-	-	-		
19	-----	-	-	-	-		
20	50176501	1	1	1	1		BATT.
21	50176600	1	1	1	1		OIL
22	50176400	1	1	1	1		TEMP.
23	-----	-	-	-	-		
24	40096000	0.3	0.3	0.3	0.3		F 17
25	03509211	1	1	1	1		
26	40009700	0.4	0.4	0.4	0.4		12 V - 2 W
26	40009800	0.4	0.4	0.4	0.4		24 V - 2W
27	40091400	0.2	0.2	0.2	0.2		F 24
28	01150101	1	1	1	1		
29	49050900	1	1	1	1		
30	50276600	1	1	1	1		4-P
31	50276700	1	1	1	1		6-P
32	01090201	2	2	2	2		
33	01089801	1	1	1	1		
34	01089901	1	1	1	1		
35	50358400	1	1	1	1		

A 05

Armaturenkasten
Instrument box
Boitiere de bord
Cuadro de mando
Cruscotto

Tafel Nr.
Tabl. No.
Tavola N.

29

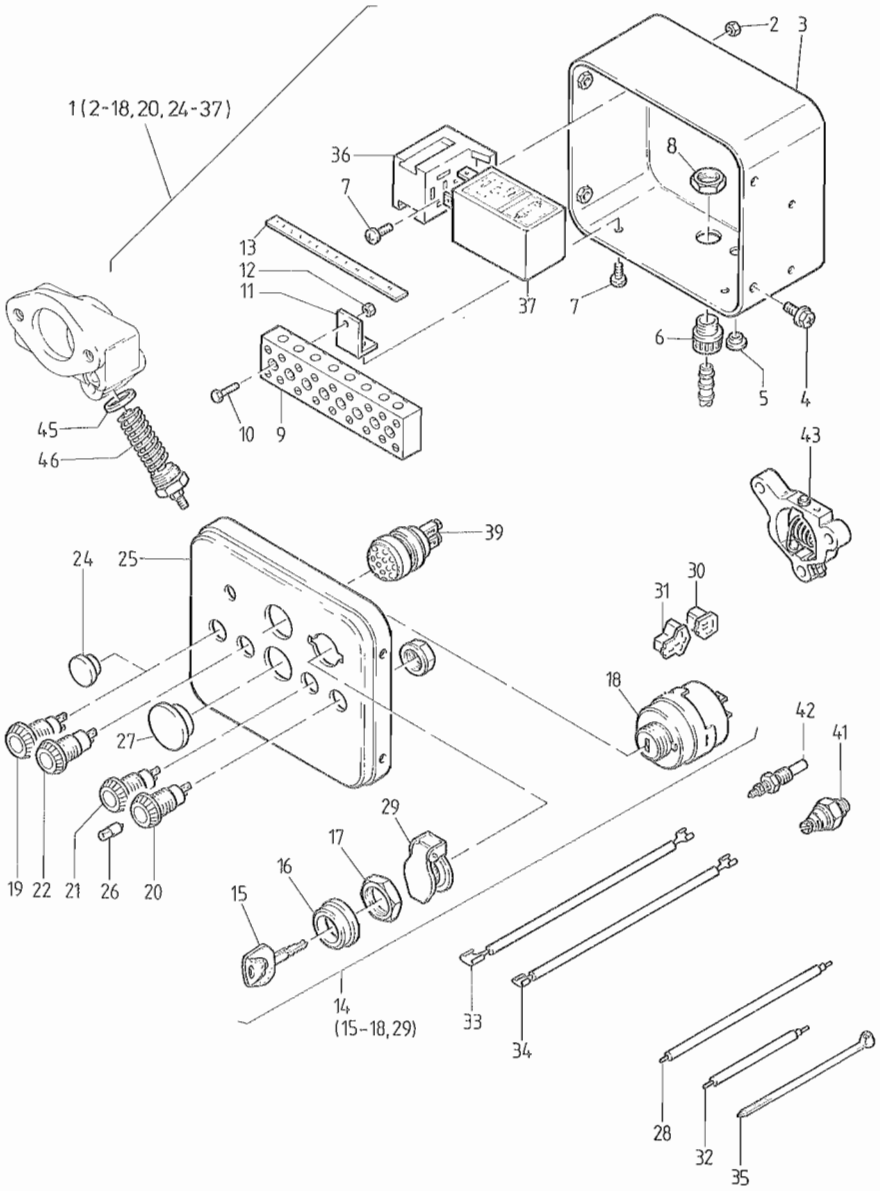


Fig.- No.	HATZ Ident-No.	Stück Qty.				P / W d / D	Bemerkungen Notes
		1D20	1D30	1D60	1D80		
			1D35				
			1D40				
36	50276000	1	1	1	1		
37	50275801	1	1	1	1		12 V HATZ MSR
38	-----	-	-	-	-		
39	40068600	-	-	1	1		12 - 24 V (f. Pos. 46)
39	50397200	-	-	1	1		12 - 24 V (f. Pos. 43)
40	-----	-	-	-	-		
41	40021300	1	1	-	-		OIL
41	50272200	-	-	1	1		OIL
42	50268600	-	-	1	1		TEMP.
42	50400200	-	-	1	1		TEMP. „C“
43	01275500	-	-	1	1		12 V - 24 V
44	-----	-	-	-	-		
45	50001600	-	-	1	1		A 22 X 27 DIN 7603 -Cu
46	50163900	-	-	1	1		12 - 24 V

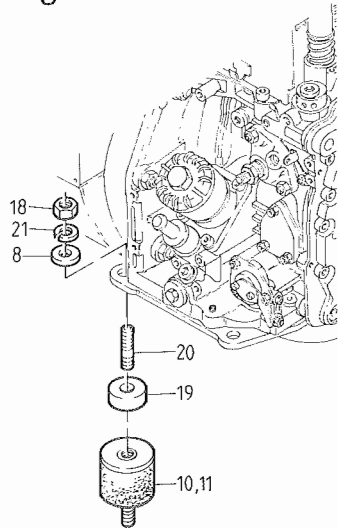
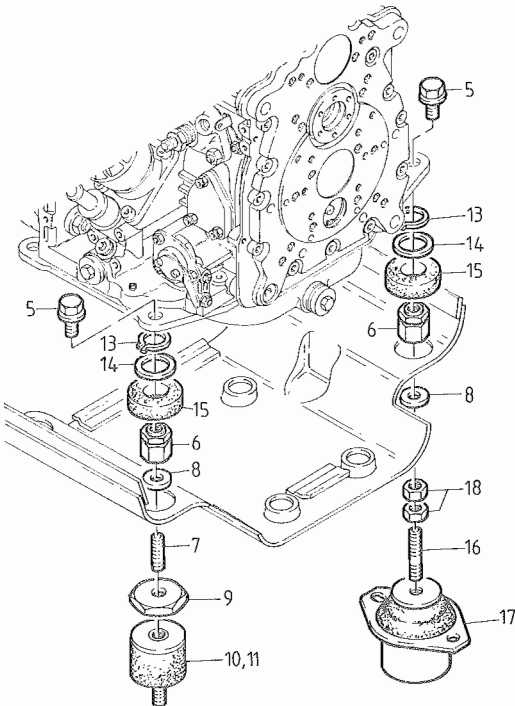
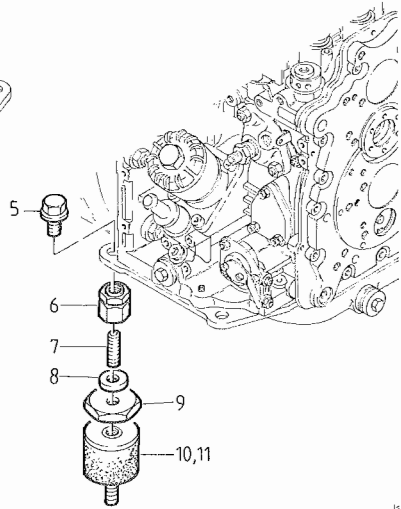
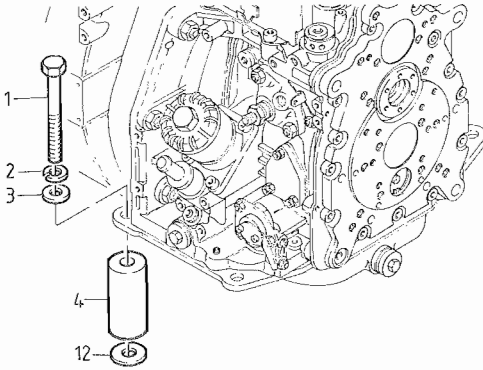


Fig.- No.	HATZ Ident-No.	Stück Qty.				P / W d / D	Bemerkungen Notes
		1D20	1D35	1D60	1D80		
		1D30					
		1D40					
1	-----	4	-	4	4		M 10 X DIN 933-
2	50127800	4	-	4	4		10 DIN 127 A3C
3	50070600	4	-	4	4		10,5 X 25 X 4 DIN 7349 A3C
4	05000800	4	-	-	-		13 X 36 X 45
4	03964600	-	-	4	4		13 X 36 X 77
5	50386600	-	-	4	4		M 10 X 20 A3C
6	03993700	-	-	4	4		M 10 X 27,5
7	03993500	4	4	4	4		M 10 X 30
8	50070600	4	4	4	4		10,5 X 25 X 4 DIN 7349 A3C
9	03993400	4	4	4	4		10,5 X 55 X 5
10	50386700	4	4	4	4		40 Shore
11	50368600	4	4	4	4		55 Shore
12	03999300	0,...	0...	0...	0...		12,7 X 35,5 X 0,2
13	50020400	-	-	4	4		A 24 X 1,2 DIN 471
14	03592301	-	-	4	4		26,1 X 38 X 1
15	03755300	-	-	4	4		
16	03936101	-	-	4	4		M 10 X 55
17	50323600	4	4	4	4		V 12 / 600
18	50145800	4	4	8	8		M 10 DIN 934 A3C
19	03995400	4	4	4	4		
20	50124800	4	4	4	4		M 10 X 40 DIN 939
21	50135600	4	4	4	4		10 DIN 127

A 15

Anschlußgehäuse
Intern. housing
Bride raccord
Caja de con.
Flange accoppiamento

Tafel Nr.
Tabl. No.
Tavola N.

31

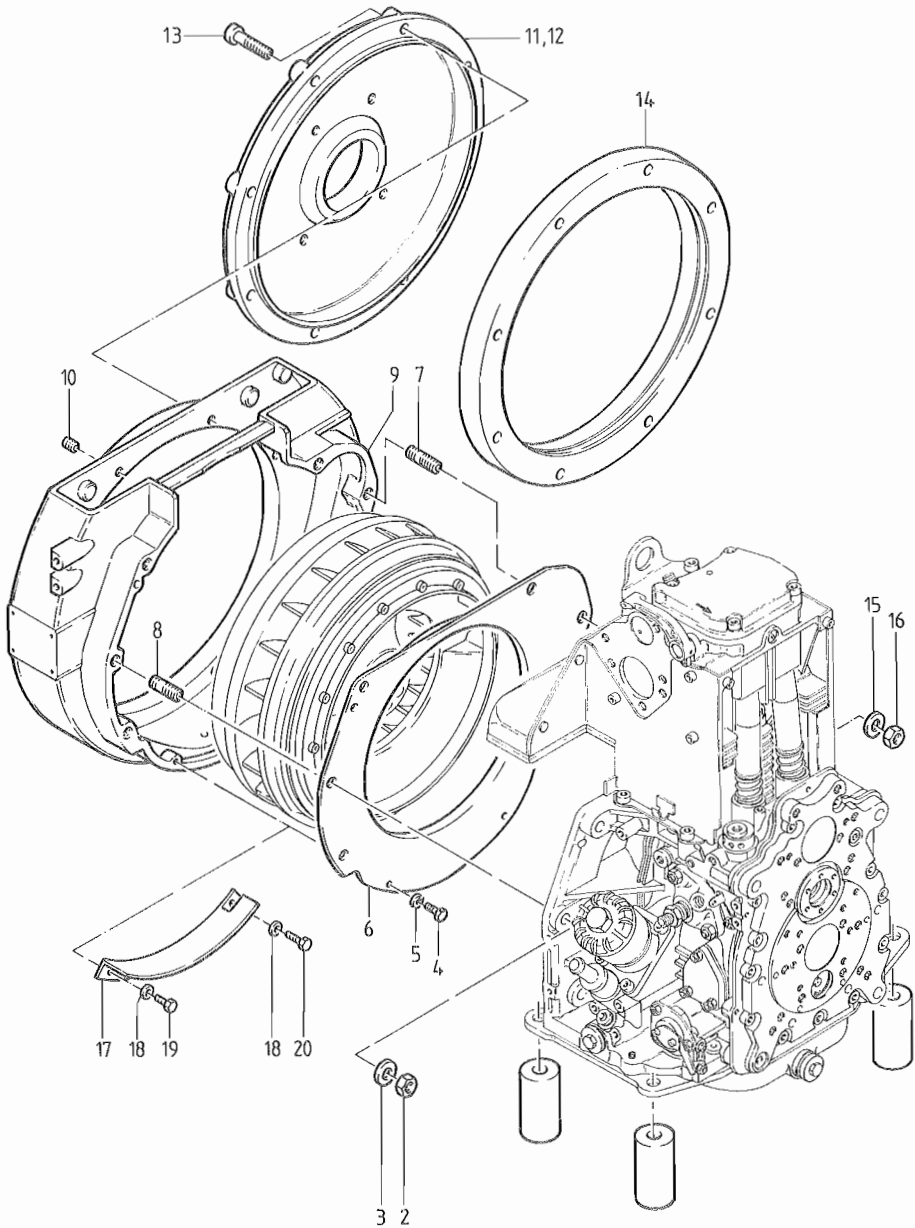


Fig.- No.	HATZ Ident-No.	Stück Qty.				P / W d / D	Bemerkungen Notes
		1D20	1D30	1D60	1D80		
			1D35				
			1D40				
1	-----	-	-	-	-		
2	50145800	4	4	-	-	M 10	DIN 934-8
2	50093600	-	-	4	4	M 12	DIN 934-8 A3C
3	50145900	4	4	-	-	10,5	DIN 125-St A3C
3	50093700	-	-	4	4	13	DIN 125-St A3C
4	50177100	2	2	2	2	M 6 X 16	DIN 933-8.8 A3C
5	50170900	2	2	2	2	6	DIN 128 A3C
6	04031100	1	1	-	-		
6	04008500	-	-	1	1		s. Taf., Tabl. 28 - Pos. 18
7	50364800	2	2	2	2	M 12 X 40	DIN 835-8.8 A3C
8	50040900	4	4	-	-	M 10 X 35	DIN 835-8.8
8	50331400	-	-	4	4	M 12 X 35	DIN 835-8.8 A3C
9	04032611	1	1	-	-	SAE 6	
9	04008210	-	-	1	1	SAE 5	
10	50065000	8	8	8	8	AM 10 X 10	DIN 913 TUFLOK
11	03976100	1	1	-	-	SAE „B“	Ø 146,1
11	03953401	-	-	1	1	SAE „B“	Ø 146,1
12	03953501	-	-	1	1	SAE „B“	Ø 177,8
13	50055200	8	8	-	-	M 10 X 60	DIN 912-8.8
13	50054700	-	-	8	8	M 10 X 45	DIN 912-8.8
14	03954400	-	-	1	1	SAE 5	
15	50093700	2	2	2	2	13	DIN 125-St A3C
16	50093600	2	2	2	2	M 12	DIN 934-8 A3C
17	04021100	-	-	1	1	T-U	
18	50144500	-	-	2	2	6,4	DIN 125-St A3C
19	50165500	-	-	1	1	M 6 X 12	DIN 933-8.8 A3C
20	50177100	-	-	1	1	M 6 X 16	DIN 933-8.8 A3C

Wellenstummel, elast. Kupplung
Stubshaft, flexible coupling
Bout de arbre, acouplement elastic
Eje, acoplamiento elastico
Contralbero, giunto elastico

Tafel Nr.
Tabl. No.
Tavola N.

32

A 16

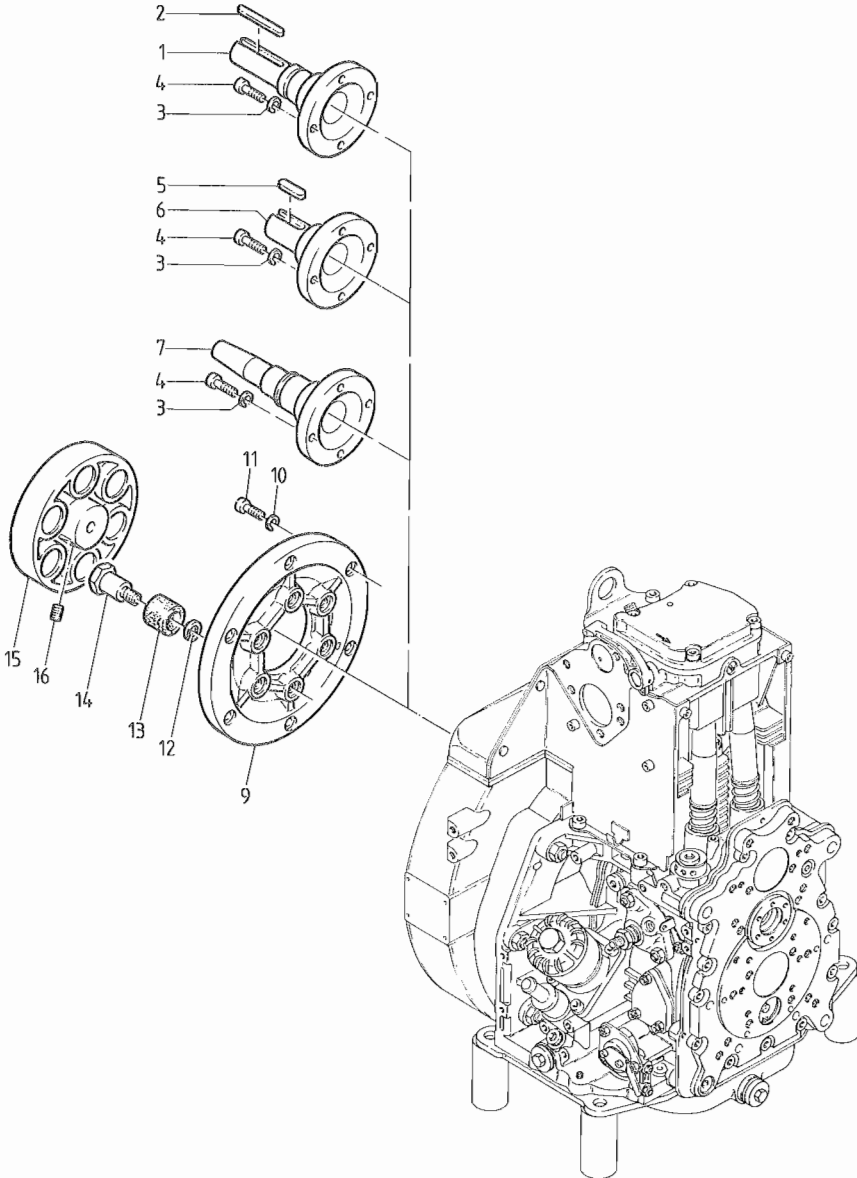


Fig.- No.	HATZ Ident-No.	Stück Qty.				P / W d / D	Bemerkungen Notes
		1D20	1D30	1D60	1D80		
			1D35				
			1D40				
1	03952000	1	1	1	1		2 - Ø 1"
2	03962700	1	1	1	1		A 6,35 X 63
3	50002800	4	4	4	4		8 DIN 128
4	50052100	4	4	4	4		M 8 X 25 DIN 912-8.8
5	50011500	1	1	1	1		A 8 X 7 X 35 DIN 6885
6	03954300	1	1	1	1		2 - 30 mm
7	03953200	1	1	1	1		4 (1")
9	03951700	1	1	1	1		
10	50002800	6	6	6	6		8 DIN 128
11	50051900	6	6	6	6		M 8 X 20 DIN 912-8.8
12	50061600	6	6	6	6		12 DIN 7980
13	03151000	6	6	6	6		
14	03046900	6	6	6	6		
15	03004601	1	1	1	1		
16	50004600	1	1	1	1		A M 8 X 16 DIN 916-45H

A 17

Kupplung dauerausrückbar
Clutch perm. disconn.
Embrayage debr. continu.
Embrague permanente
Frizione

Tafel Nr.
Tabl. No.
Tavola N.

33

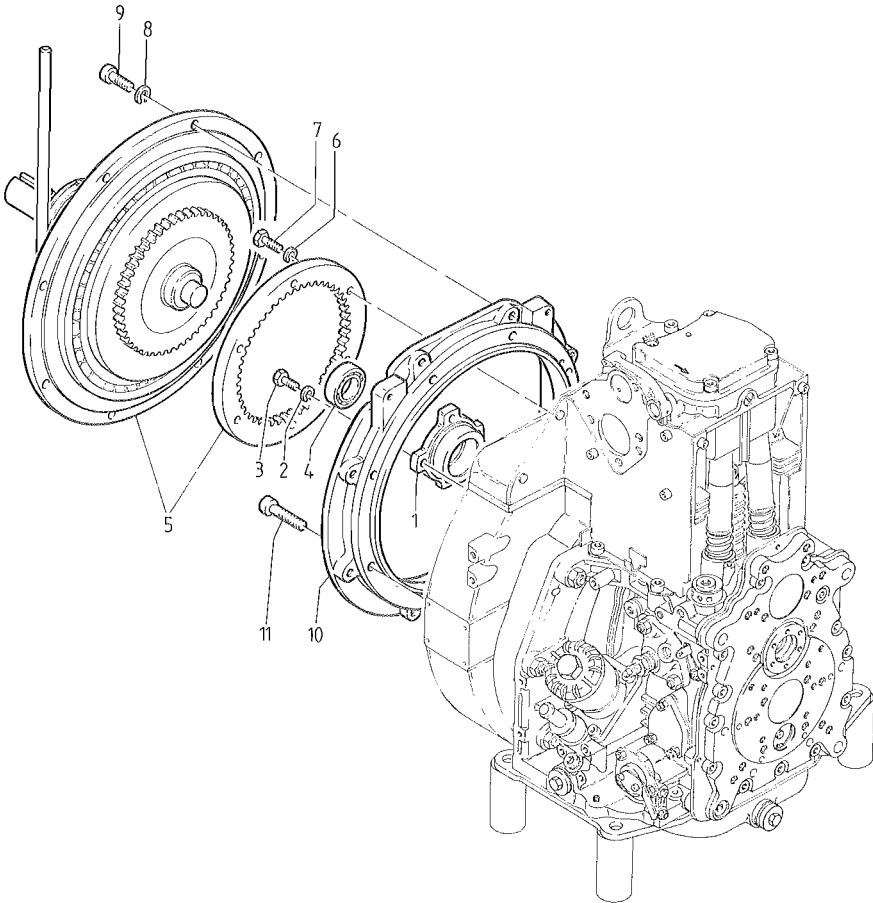


Fig.- No.	HATZ Ident-No.	Stück Qty.				P / W d / D	Bemerkungen Notes
		1D20	1D30	1D60	1D80		
			1D35				
			1D40				
1	03961200	1	1	1	1		
2	50002800	4	4	4	4	8	DIN 128
3	50026800	4	4	4	4	M 8 X 20	DIN 933-8.8
4	50014100	1	1	1	1		DIN 625 6205 2 RS
5	50349300	1	1	1	1		
6	50002800	6	6	6	6	8	DIN 128
7	50027000	6	6	6	6	M 8 X 25	DIN 933-8.8
8	50135600	8	8	8	8	10	DIN 128 A3C
9	50093400	8	8	-	-	M 10 X 30	DIN 912-8.8 A3C
9	50055200	-	-	8	8	M 10 X 60	DIN 912-8.8 A3C
10	03981200	1	1	-	-	SAE 5	
11	50327800	8	8	-	-	M 10 X 35	DIN 912-8.8 A3C

A 18

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

Tafel Nr.
Tabl. No.
Tavola N.

34

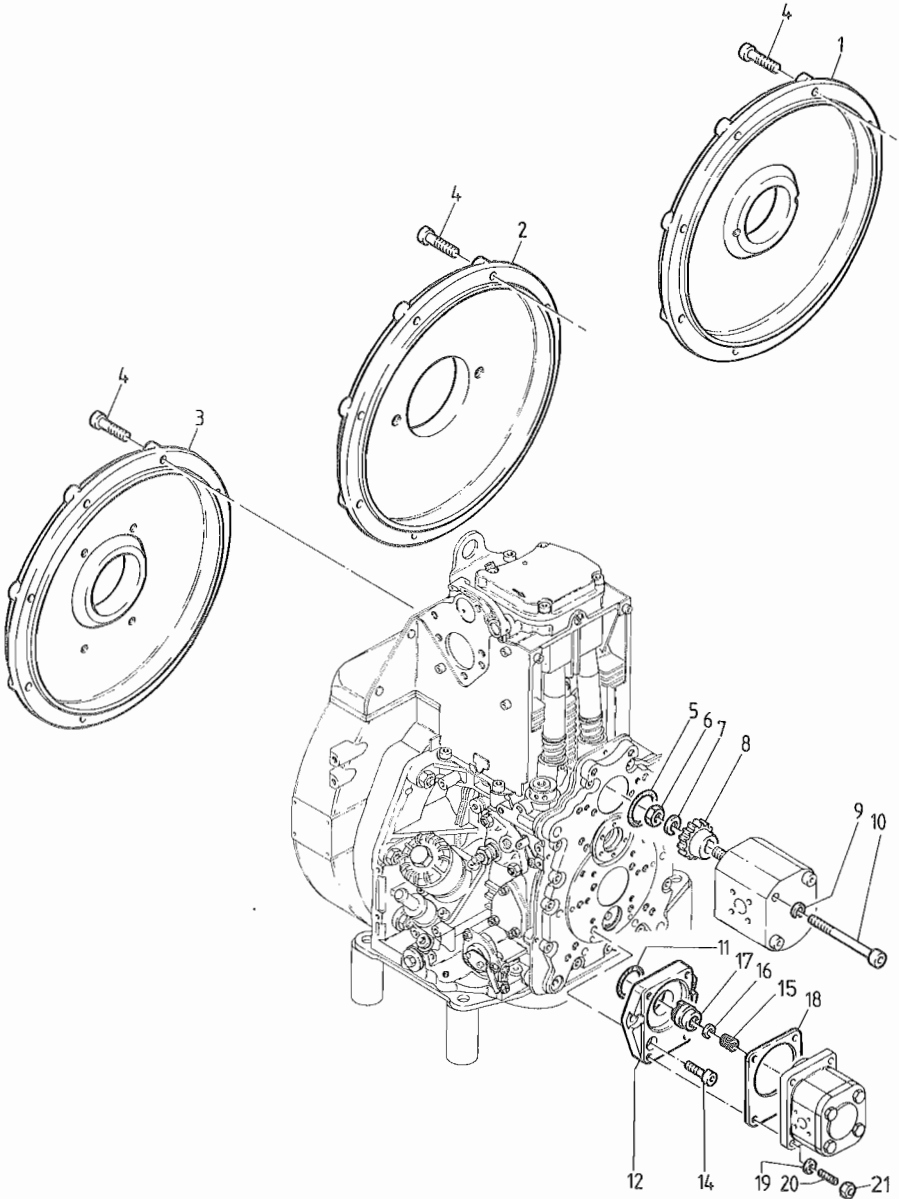


Fig.- No.	HATZ Ident-No.	Stück Qty.				P / W d / D	Bemerkungen Notes
		1D20	1D30	1D60	1D80		
			1D35				
			1D40				
1	03976300	1	1	-	-		SAE „A“ 82,55
1	03953801	-	-	1	1		SAE „A“ 82,55
2	03976200	1	1	-	-		SAE „B“ 101,6
2	03953601	-	-	1	1		SAE „B“ 101,6
3	03976700	1	1	-	-		BOSCH 80
3	03953901	-	-	1	1		BOSCH 80
4	50055200	8	8	-	-		M 10 X 60 DIN 912-8.8
4	50054700	-	-	8	8		M 10 X 45 DIN 912-8.8
5	50342500	-	-	1	1		
6	50381400	-	-	1	1		M 12 X 1,5 DIN 936-17H
7	50003000	-	-	1	1		12 DIN 128
8	04022000	-	-	1	1		
9	-----	-	-	-	-		
10	-----	-	-	-	-		
11	50375300	1	1	1	1		46 X 2,5
12	04036000	1	1	1	1		
13	-----	-	-	-	-		
14	50343700	4	4	4	4		M 10 X 25 DIN 912-8.8 A3C TUF
15	04036200	1	1	1	1		
16	50019700	1	1	1	1		J 14 X 1 DIN 472
17	04035900	1	1	1	1		
18	03568000	1	1	1	1		
19	50095100	4	4	4	4		A 8 DIN 137 A3C
20	50037500	4	4	4	4		M 8 X 20 DIN 835-5.8
21	50148000	4	4	4	4		M 8 DIN 934-8 A3C

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

Bildtafel	Pos. No.	Bestell-Nr.	Stück	Bildtafel	Pos. No.	Bestell-Nr.	Stück	IMT
Table	Fig. No.	Ordering No.	Qty.	Table	Fig. No.	Ordering No.	Qty.	No.
Planche	Fig. No.	No. référence	Qté.	Planche	Fig. No.	No. référence	Qté.	
Tabla	Fig. No.	No. de pedido	Cant.	Tabla	Fig. No.	No. de pedido	Cant.	
Tavola	Rif.	Codice	Q.tà	Tavola	Rif.	Codice	Q.tà	

1 D 30.10				1 D 30.11				91.507
1 D 35.00				1 D 35.10				91.507
1 D 40.10				1 D 40.11				90.504
1 D 40.11				1 D 40.12				91.507
1 D 60.10				1 D 60.11				90.504
1 D 60.11				1 D 60.12				91.507
1 D 60.12				1 D 60.13				91.509
1 D 60.13				1 D 60.14				91.511
1 D 60.14				1 D 60.15				91.512
1 D 80.10				1 D 80.11				90.504
1 D 80.11				1 D 80.12				91.507
1 D 80.12				1 D 80.13				91.509
1 D 80.13				1 D 80.14				91.511
1 D 80.14				1 D 80.15				91.512