

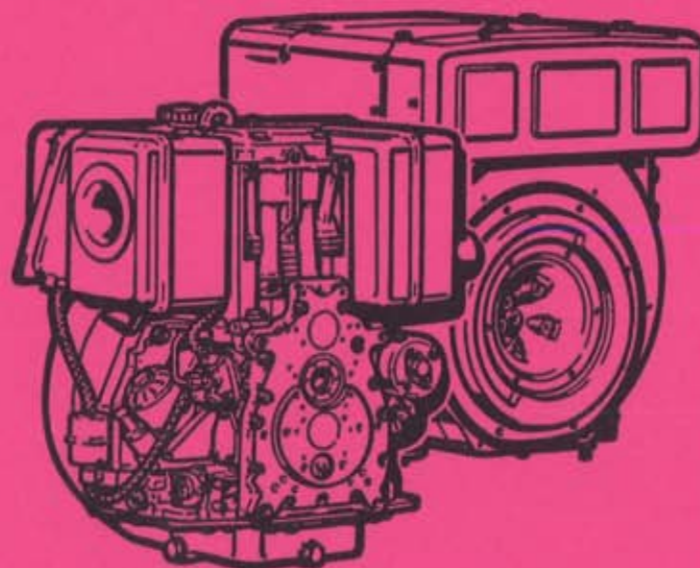


Motorenfabrik HATZ GmbH & Co KG  
D-8399 Ruhstorf a. d. Rott  
☎ 08531/319-0 · ☎ 57260 · Telefax 08531/319418

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



**1D20.**  
**1D30.**  
**1D40.**  
**1D60.**  
**1D80.**



No. 1 D 20.10  
No. 1 D 30.10  
No. 1 D 40.10  
  
No. 1 D 60.10  
No. 1 D 80.10

Druck: Kröner, 34/556 - 5. 91 - 5.  
Printed in West-Germany

Schutzgebühr DM 3.—  
Protection tax  
Taxe de protection  
Derecho de protección

**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 <sup>GMBH &amp; CO</sup> KG			
D-8399 RUHSTORF/ROTT			
TYP	KENNZ.		
MOTOR/FABRIK NO.		ABE/AUSE	
MIN <sup>-1</sup>	NH	PV	CM <sup>3</sup>
<b>HATZ</b>			
<b>DIESEL</b>			
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 30.10 |
| <input type="checkbox"/> 1 D 40.10 | <input type="checkbox"/> 1 D 60.10 |
| <input type="checkbox"/> 1 D 80.10 |                                    |

Bitte tragen Sie hier die **Anschrift** Ihrer nächsten HATZ-Service-stelle 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**  
**GmbH & Co. KG**  
**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<sup>-1</sup>: 3000/60

aus Ersatzteilliste: 1 D 60.10  
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 60.10

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, frêt aérien, express.
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 60.10  
Les pièces suivantes:  
Qté. No. commande  
2 500 526 00  
8 500 812 00  
par poste express 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 60.10  
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 60.10

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

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**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**

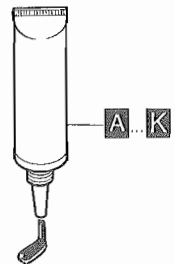
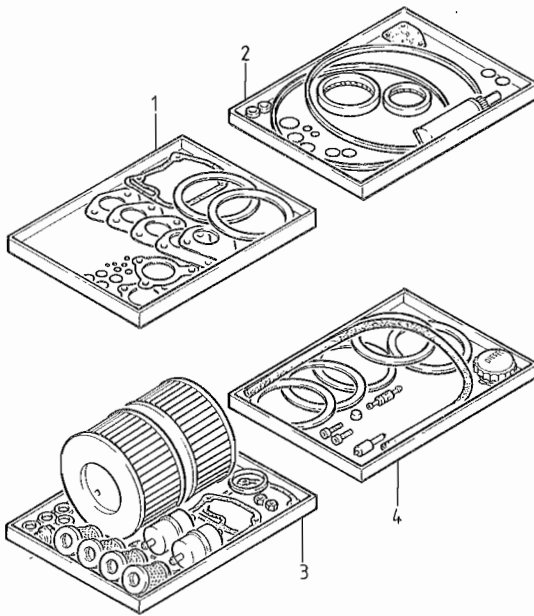


Fig.- No.	HATZ Ident-No.	Stück Qty.				P / W d / D	Bemerkungen Notes	
		1D20	1D30	1D60	1D80			
		1D40						
W:	Im Wartungssatz enthalten.						P:	Im Pannensatz enthalten.
	Incl. in maintenance kit.							Incl. in emergency kit.
	Contenu dans le jeu d'entretien.							Contenu dans le jeu secour.
	Includido en el juego de mantenimiento.							Includido en el juego para averias.
	Contenuto nella serie manutenzione							Contenuto nella serie di prima necessità.
d:	Im Dichtungssatz f. 1 Zyl.-Kopf enthalten.						D:	Im Dichtungssatz Kurbelgeh.
	Incl. in gasket set f. 1 cyl. head.							Incl. in gasket set crankcase.
	Contenu dans le jeu de joint p. 1 culasse.							Contenu dans le jeu de joints carter moteur.
	Includido en el juego de juntas p. 1 culata.							Includido en el juego de juntas caja cigueñal.
	Contenuto nella serie guarnizioni p. 1 testa.							Contenuto nella serie guarnizioni basamento.
						1:	Anzahl pro Satz - Qty. per kit	
							Quantite par jeu	
							Cantidad por juego	
							Quantità per serie	
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	01280800	-	-	1	1	(o. Ölfilter)	Kit d'entretien 1000 heures - Juego 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			

M 34  
Zubehör  
Accessories  
Accessoires  
Accesorios  
Kit accessori

Tafel Nr.  
Tabl. No.  
Tavola N.  
02

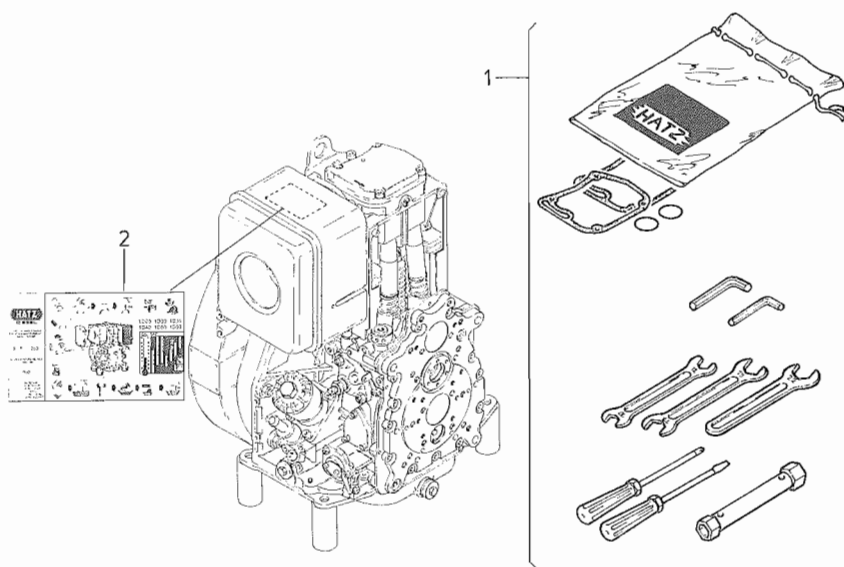


Fig.- No.	HATZ Ident-No.	Stück Qty.				P / W d / D	Bemerkungen Notes
		1D20	1D30	1D60	1D80		
			1D40				
1	01247500	1	1	1	1		Zubehörsatz - Accessoires kit Sort. accessoires Juego de accesorios Serie accessorie
2	04048300	1	1	1	1		

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 00	Hochtemp. Paste	100 g	
K = 503 426 00	Hochtemp. Fett	100 g	

M 01

Kurbelgehäuse  
Crankcase  
Carter moteur  
Caja cigüeñal  
Basamento motore

Tafel Nr.  
Tabl. No.  
Tavola N.

03

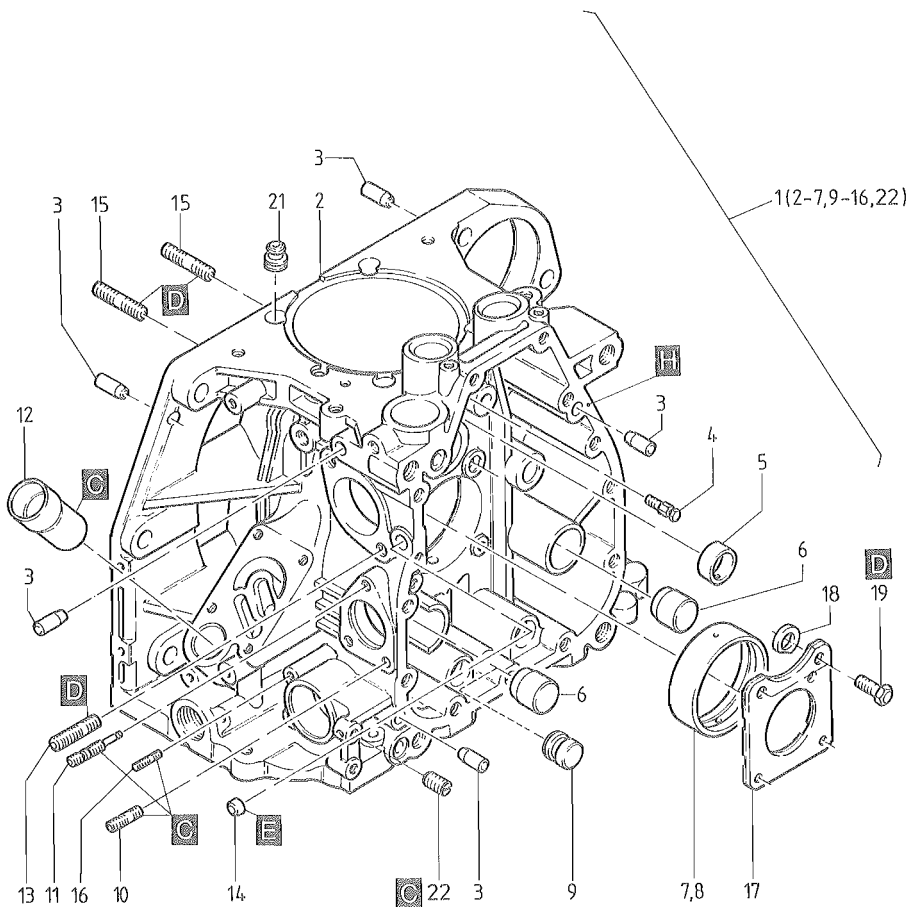


Fig.- No.	HATZ Ident-No.	Stück Qty.				P / W d / D	Bemerkungen Notes
		1D20	1D30	1D60	1D80		
		1D40					
1	01270210	1	1	-	-		
1	01249020	-	-	1	1		
2	-----	-	-	-	-		
3	50249100	4	4	4	4		
4	01269500	1	1	-	-		
4	03793900	-	-	1	1		
5	03793800	1	1	1	1		
6	04022700	1...2	1...2	-	-	Ø 25 mm	S, T
6	03794000	-	-	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

Kurbelgehäuse  
 Crankcase  
 M 01 Carter moteur  
 Caja cigüeñal  
 Basamento motore

Tafel Nr.  
 Tabl. No.  
 Tavola N.  
 04

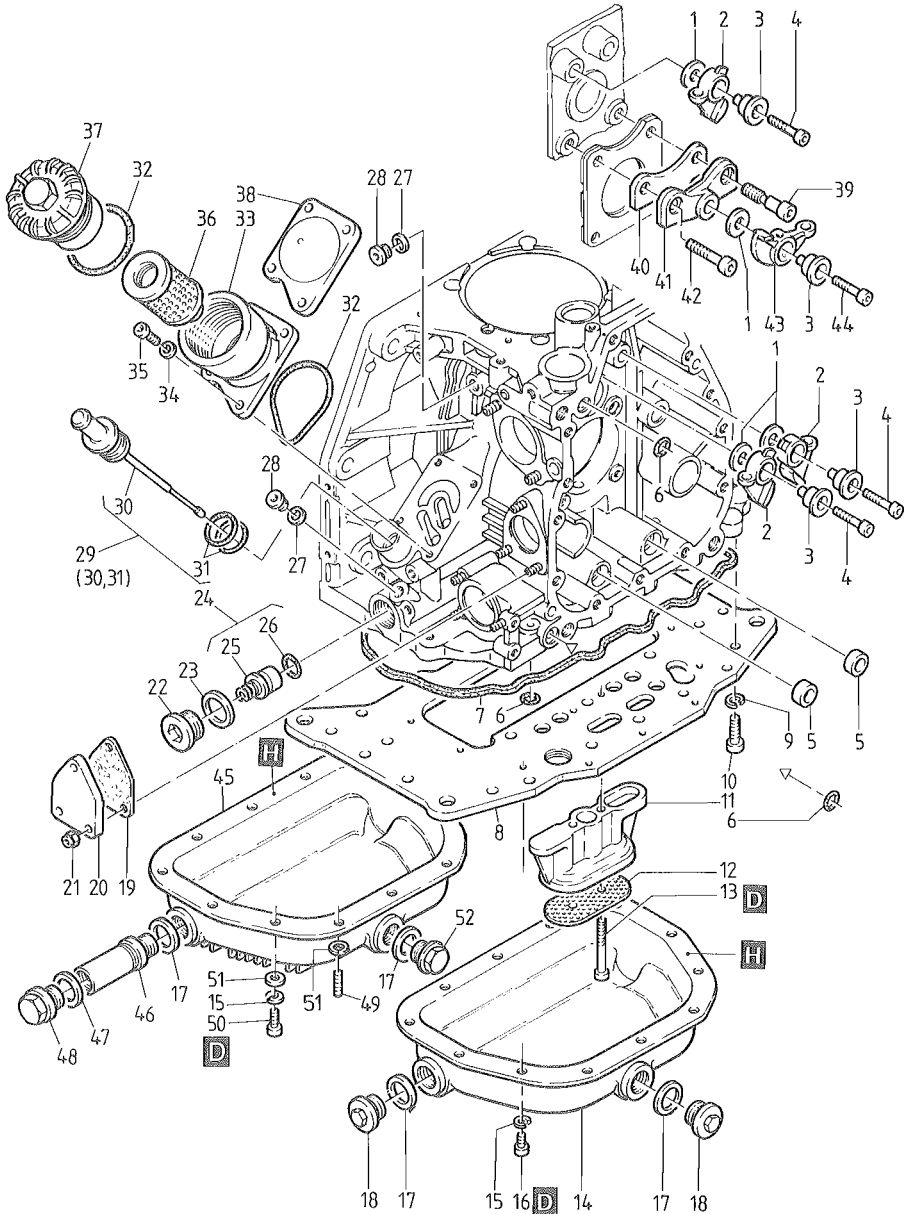


Fig.- No.	HATZ Ident-No.	Stück Qty.				P / W d / D	Bemerkungen Notes
		1D20	1D30	1D60	1D80		
			1D40				
1	03794100	2	2	2	2		
2	03794300	2	2	2	2		(T-U=1)
3	03794201	2	2	2	2		
4	50051000	2	2	2	2		M 6 X 30 DIN 912-8.8 (T-U=1)
5	03795800	2	2	2	2	D1	12 X 18,3 X 7,3
6	50329000	3	3	3	3	D3	9,5 X 2,5
7	03795100	1	1	1	1	D1	265 X 269,4 X 3,6
8	01270300	1	1	-	-		
8	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 13,5 DIN 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

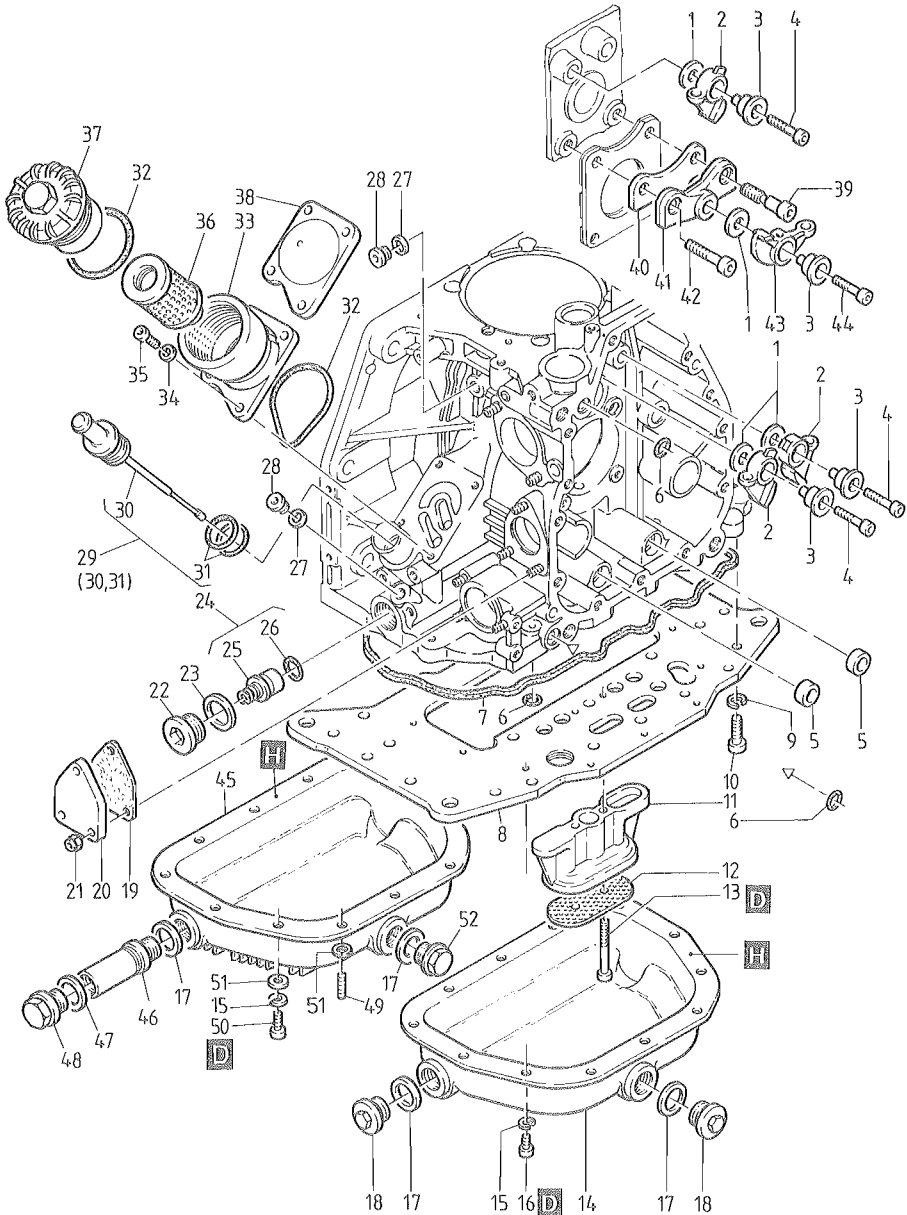


Fig.- No.	HATZ Ident-No.	Stück Qty.				P / W d / D	Bemerkungen Notes
		1D20	1D30	1D60	1D80		
			1D40				
29	01255200	1	1	-	-		
29	01241500	-	-	1	1		
30	-----	-	-	-	-		
31	50359700	2	2	2	2	D2	20,29 X 2,62
32	50329200	2	2	2	2	D2,W1	50 X 55 X 3
33	03795600	1	1	1	1		
34	50081200	4	4	4	4		A 6          DIN 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		S, Z, T, U
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	50381100	2	2	2	2		T-U M 8 X 35 DIN 912-8.8
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

**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**

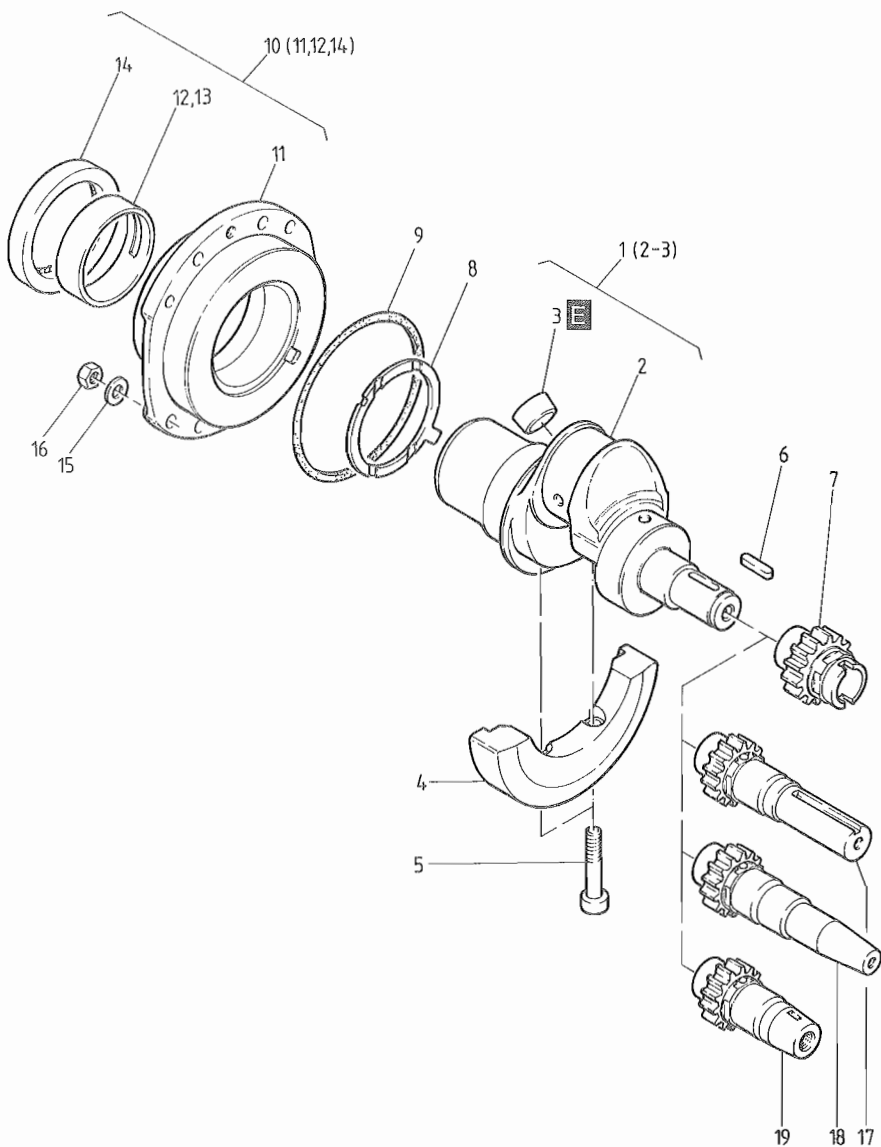


Fig.- No.	HATZ Ident-No.	Stück Qty.				P / W d / D	Bemerkungen Notes
		1D20	1D30	1D60	1D80 1D40		
1	01269900	1	1	-	-		
1	01269810	-	-	1	1		
2	-----	-	-	-	-		
3	50345800	1	1	-	-	22	DIN 443
3	50087200	-	-	1	1	28	DIN 443
4	04023500	1	1	-	-		
4	03796000	-	-	1	1		
5	50127900	2	2	-	-	M 8 X 40	DIN 912-10.9
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		
11	-----	-	-	-	-		
12	04024500	1	1	-	-		
12	04006800	-	-	1	1		
13	04048700	1	1	-	-		- 0,5 mm
13	04036100	-	-	1	1		- 0,5 mm
14	50368100	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**

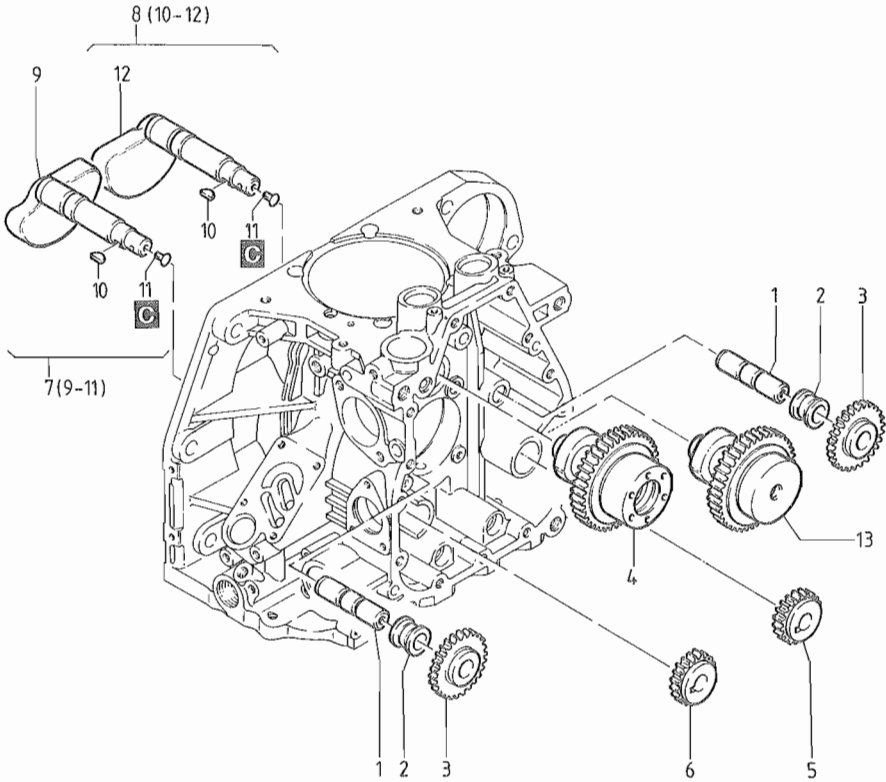


Fig.- No.	HATZ Ident-No.	Stück Qty.				P / W d / D	Bemerkungen Notes
		1D20	1D30	1D60	1D80		
		1D40					
1	03796400	2	2	2	2		Z,U,C
2	03796500	2	2	2	2		Z,U,C
3	01242000	2	2	2	2		Z,U,C
4	04024000	1	1	-	-		S,Z,C
4	03797010	-	-	1	1		S,Z,C
5	03796800	1	1	1	1		Z,U,C
6	03796900	1	1	1	1		Z,U,C
7	01270000	1	1	-	-		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

Tafel Nr.  
Tabl. No.  
Tavola N.

**07**

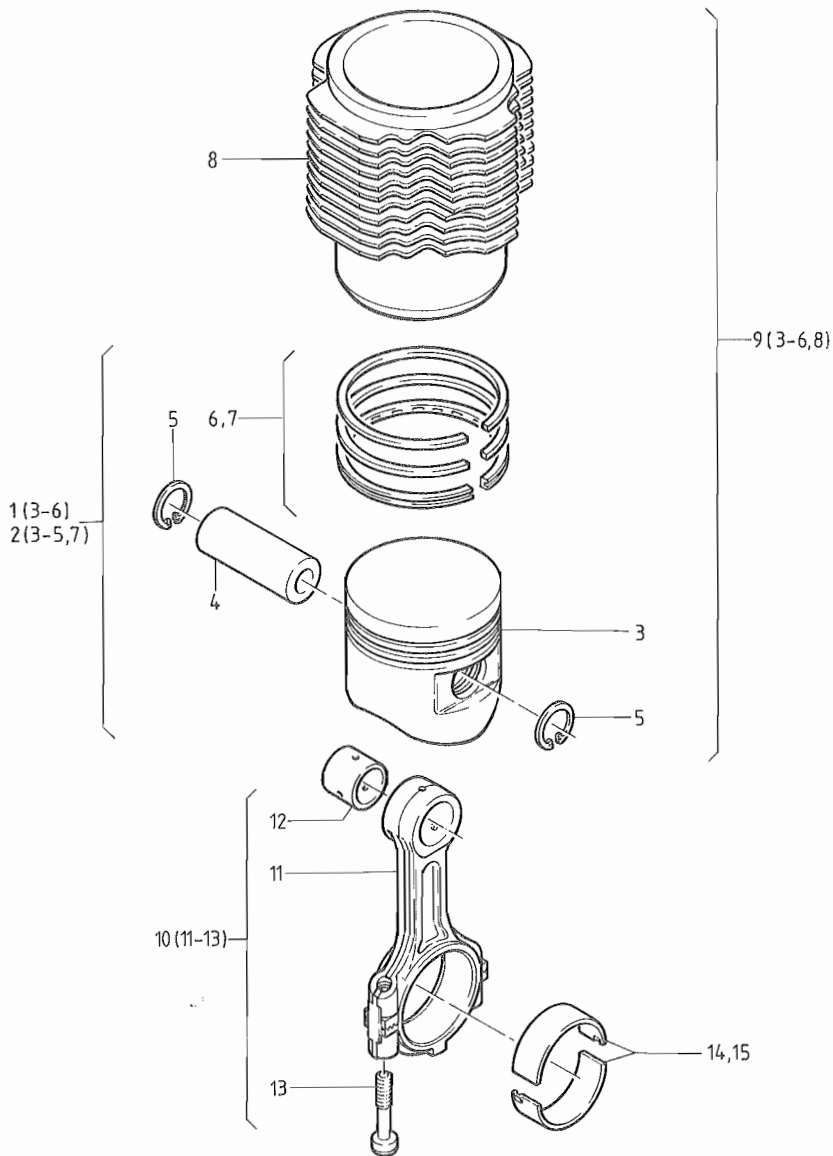


Fig.- No.	HATZ Ident-No.	Stück Qty.				P / W d / D	Bemerkungen Notes
		1D20	1D30	1D60	1D80		
		1D40					
1	-----	1	-	-	-		
1	01258500	-	1	-	-		
1	01273700	-	-	1	-		
1	01243900	-	-	-	1		
2	-----	1	-	-	-		+ 0,5 mm
2	-----	1	-	-	-		+ 1,0 mm
2	01264900	-	1	-	-		+ 0,5 mm
2	01269400	-	1	-	-		+ 1,0 mm
2	01273900	-	-	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	01258600	-	1	-	-		
6	01223700	-	-	1	-		
6	01247300	-	-	-	1		
7	-----	1	-	-	-		+ 0,5 mm
7	-----	1	-	-	-		+ 1,0 mm
7	01267800	-	1	-	-		+ 0,5 mm
7	01273600	-	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  
Cylindre  
Cilindro  
Cilindro

Tafel Nr.  
Tabl. No.  
Tavola N.  
**07**

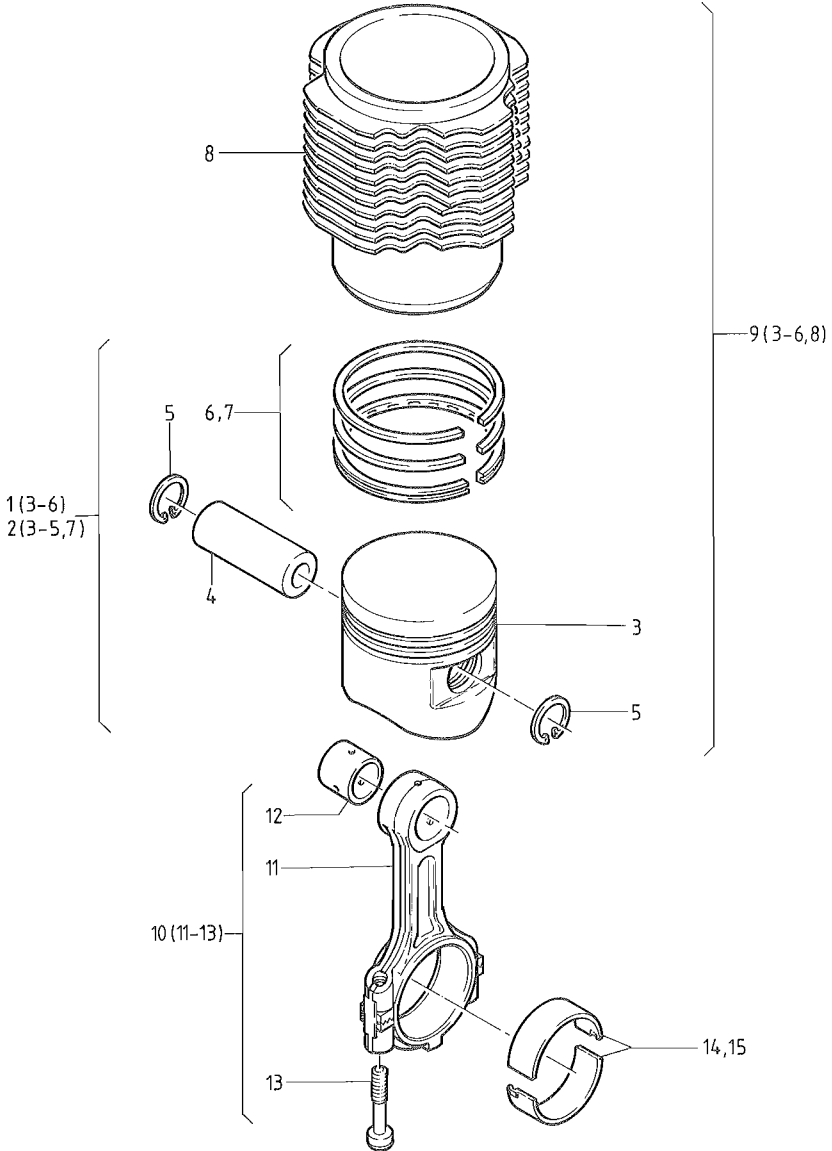


Fig.- No.	HATZ Ident-No.	Stück Qty.				P / W d / D	Bemerkungen Notes
		1D20	1D30	1D60	1D80		
		1D40					
8	-----	-	-	-	-		
9	01280300	1	-	-	-		
9	01280400	-	1	-	-		
9	01264600	-	-	1	-		
9	01249100	-	-	-	1		
10	01258300	1	1	-	-		
10	01244000	-	-	1	1		
11	-----	-	-	-	-		
12	04065600	1	1	-	-		
12	04032200	-	-	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

M 07

Zylinderkopf  
Cylinder head  
Culasse  
Culata  
Testa

Tafel Nr.  
Tabl. No.  
Tavola N.

08

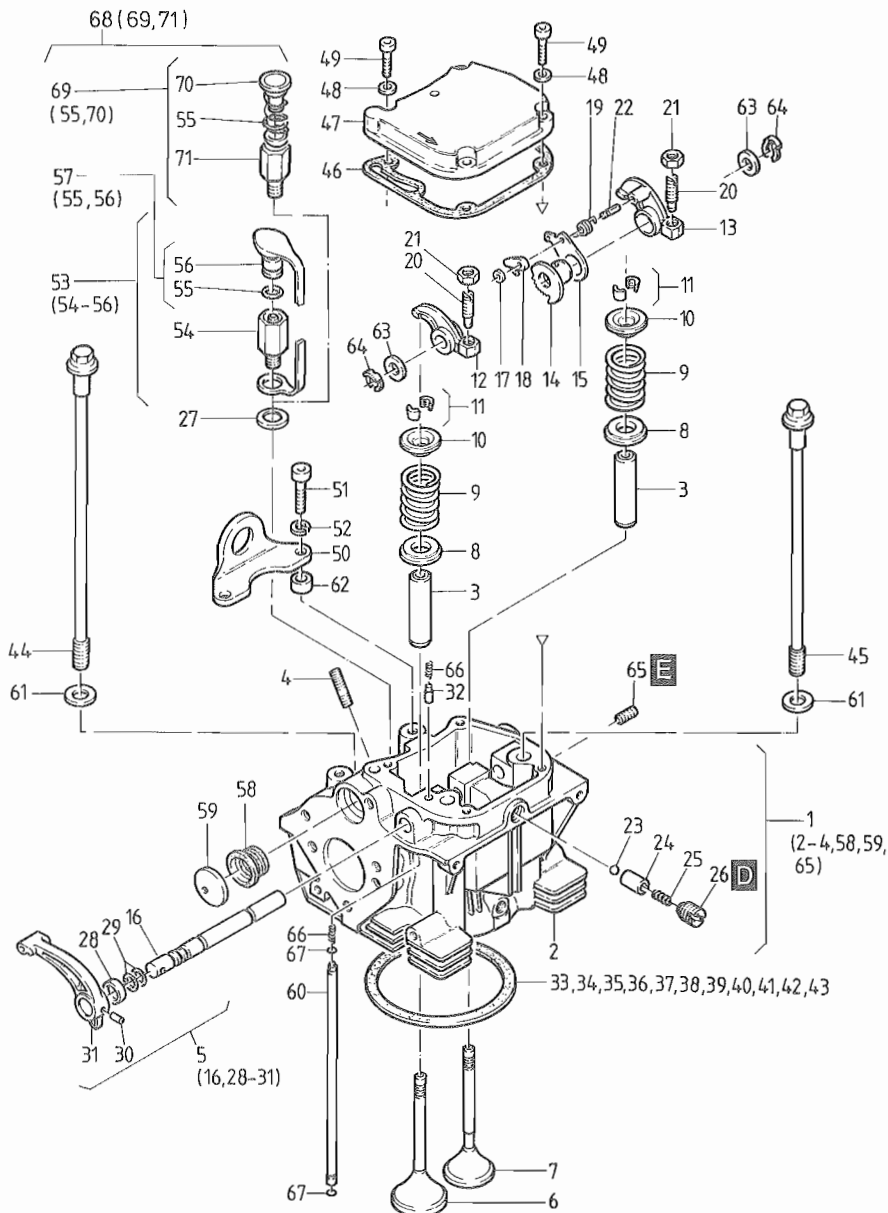


Fig.- No.	HATZ Ident-No.	Stück Qty.				P / W d / D	Bemerkungen Notes
		1D20	1D30	1D60	1D80		
			1D40				
1	01272500	1	-	-	-		
1	01272400	-	1	-	-		
1	01264700	-	-	1	-		
1	01264800	-	-	-	1		
2	-----	-	-	-	-		
3	04028700	2	2	-	-		
3	04008700	-	-	2	2		
4	50279200	1	1	-	-	M 8 X 40 DIN 835-8.8 A3C	
4	50038400	-	-	1	1	M 8 X 35 DIN 835-8.8 A3C	
5	01265400	1	1	-	-		
5	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

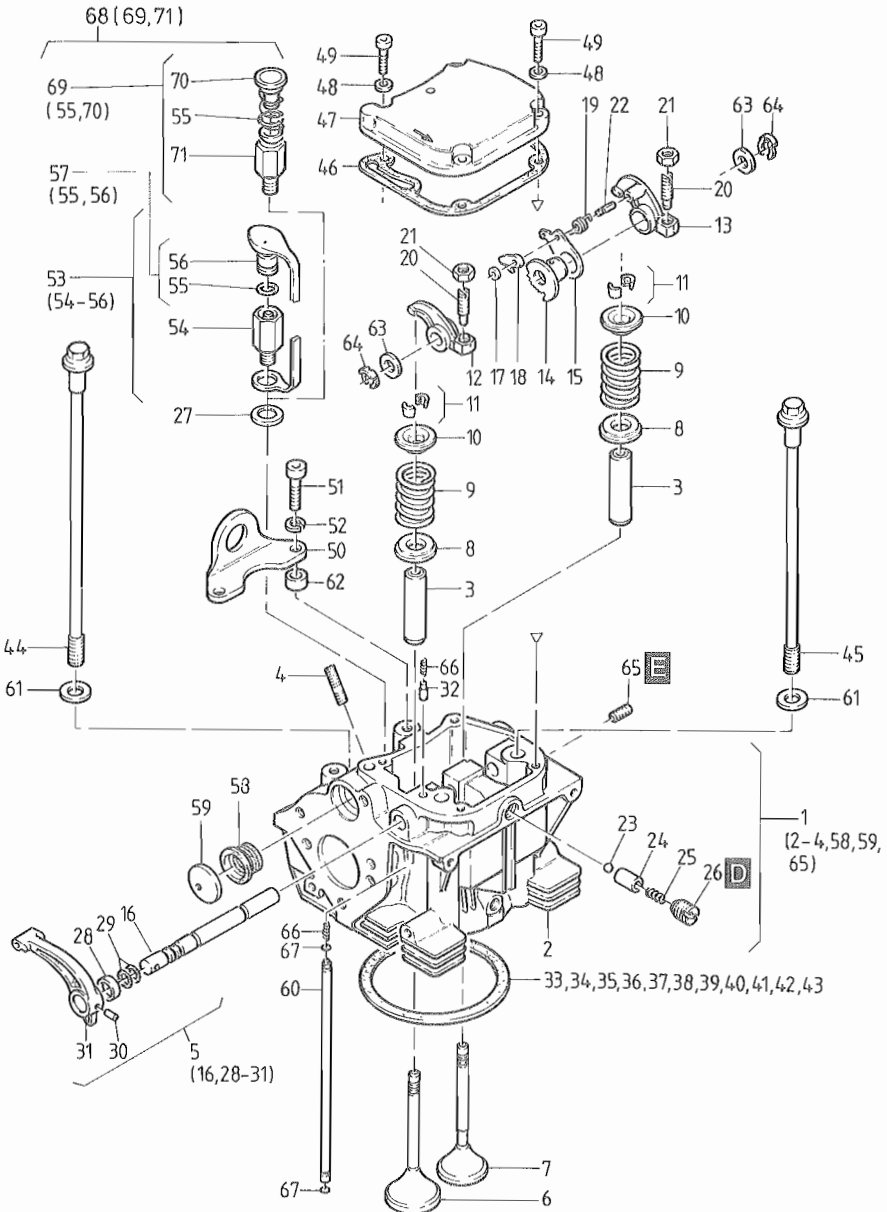


Fig.- No.	HATZ Ident-No.	Stück Qty.				P / W d / D	Bemerkungen Notes
		1D20	1D30	1D60	1D80		
		1D40					
20	03783000	2	2	2	2		
21	03173100	2	2	2	2	W2	
22	04021900	1	1	1	1		
23	50123800	1	1	1	1		7 mm III DIN 5401
24	04004700	1	1	1	1		
25	04004800	1	1	1	1		
26	01245200	1	1	1	1		
27	50001100	1	1	1	1	d1	A 12 X 15,5 DIN 7603-Cu
28	04048900	1	1	1	1	d1	
29	40022300	2	2	2	2	d2	7,5 X 2,5
30	50248600	1	1	1	1		4 X 20 DIN 7343
31	04009810	1	1	1	1		
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
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**

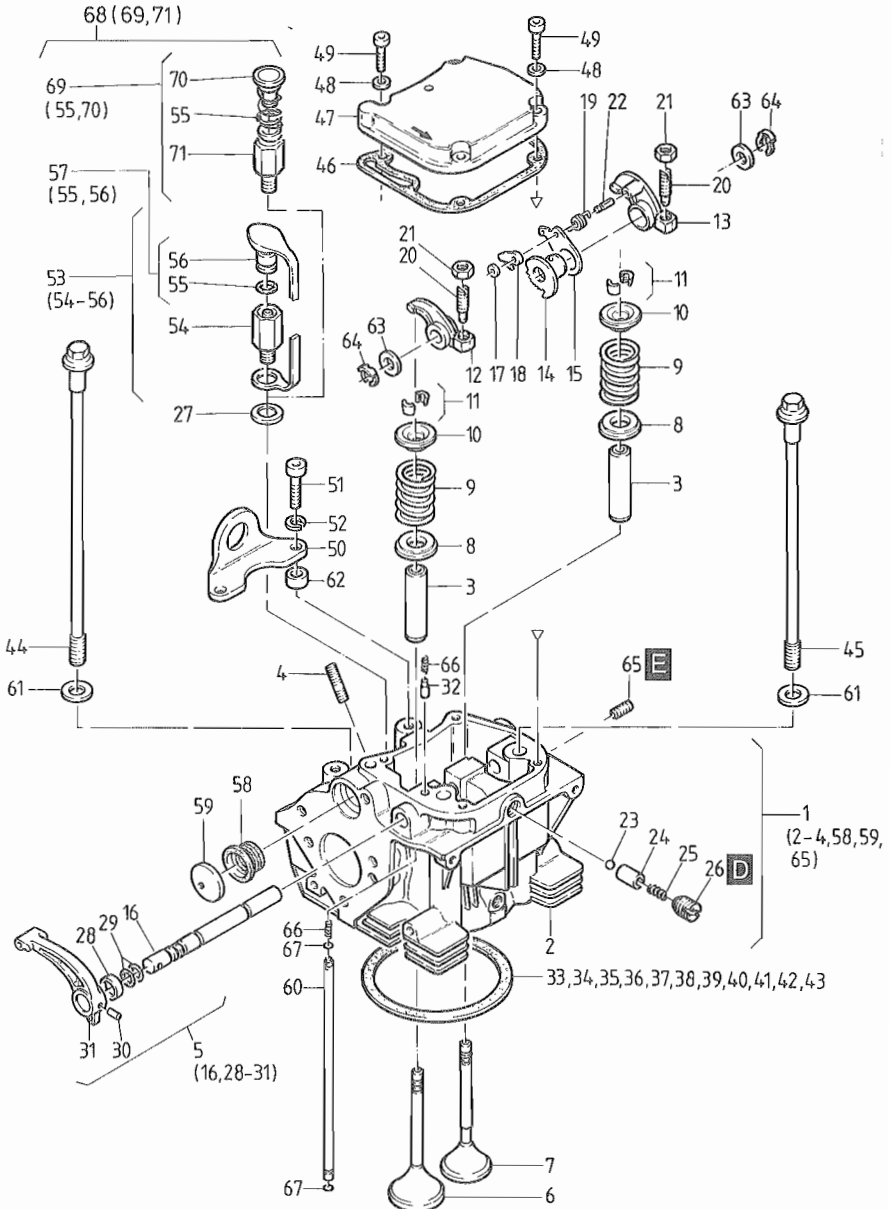


Fig.- No.	HATZ Ident-No.	Stück Qty.				P / W d / D	Bemerkungen Notes
		1D20	1D30	1D60	1D80 1D40		
40	04035300	0...1	-	-	-	d1	1,0 mm
40	04027800	-	0...1	-	-	d1	1,0 mm
40	04025200	-	-	0...1	-	d1	1,0 mm
40	04002800	-	-	-	0...1	d1	1,0 mm
41	04035400	0...1	-	-	-		1,1 mm
41	04027900	-	0...1	-	-		1,1 mm
41	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	01260202	1	1	-	-		
47	01245402	-	-	1	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



M 07

Zylinderkopf  
Cylinder head  
Culasse  
Culata  
Testa

Tafel Nr.  
Tabl. No.  
Tavola N.

08

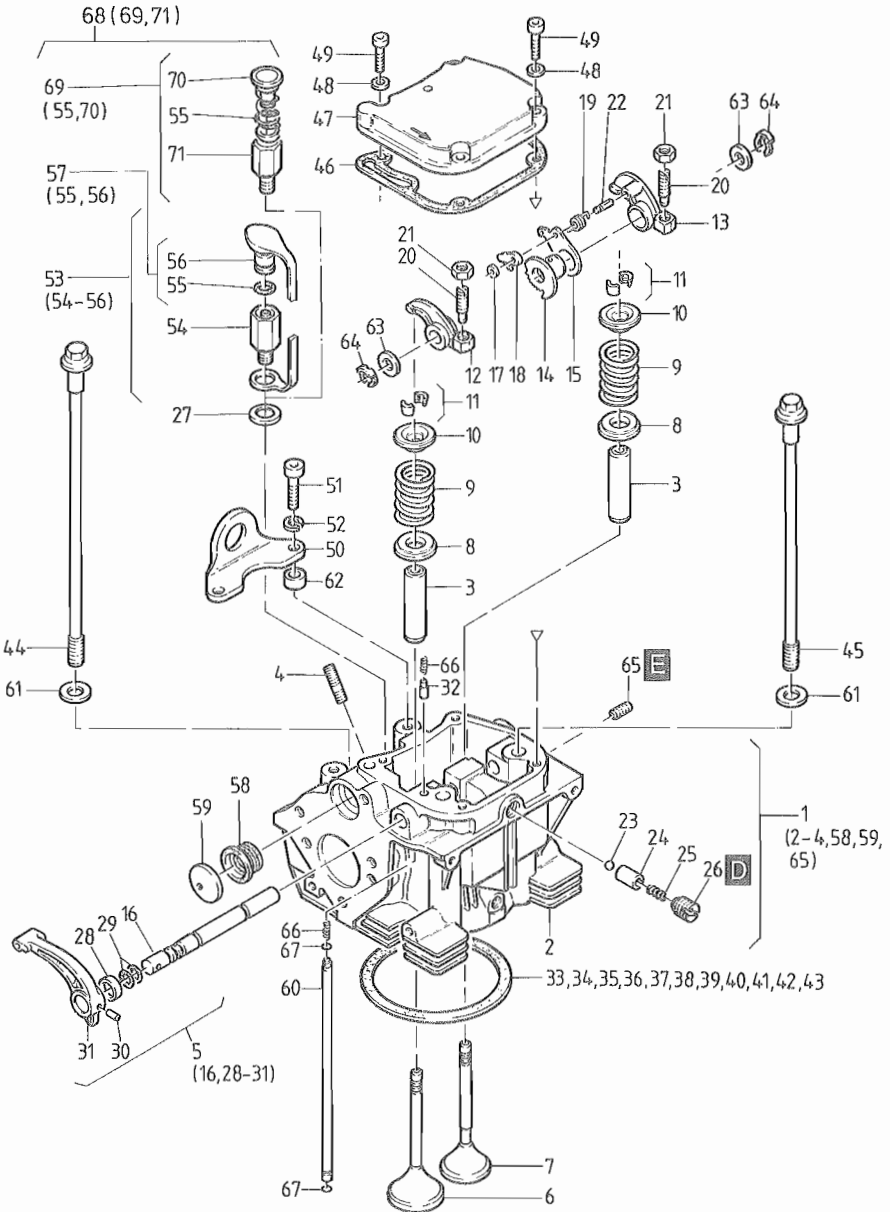


Fig.- No.	HATZ Ident-No.	Stück Qty.				P / W d / D	Bemerkungen Notes
		1D20	1D30	1D60	1D80		
			1D40				
58	04058700	1	1	1	1		
59	04005600	1	1	1	1		
60	01269600	1	1	-	-		
60	01269700	-	-	1	1		
61	03794100	4	4	-	-		10,1 X 22 X 3
61	03457500	-	-	4	4		12,5 X 24 X 2,5
62	04008000	1	1	-	-		
63	03457500	2	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
70	-----	-	-	-	-		
71	-----	-	-	-	-		

**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

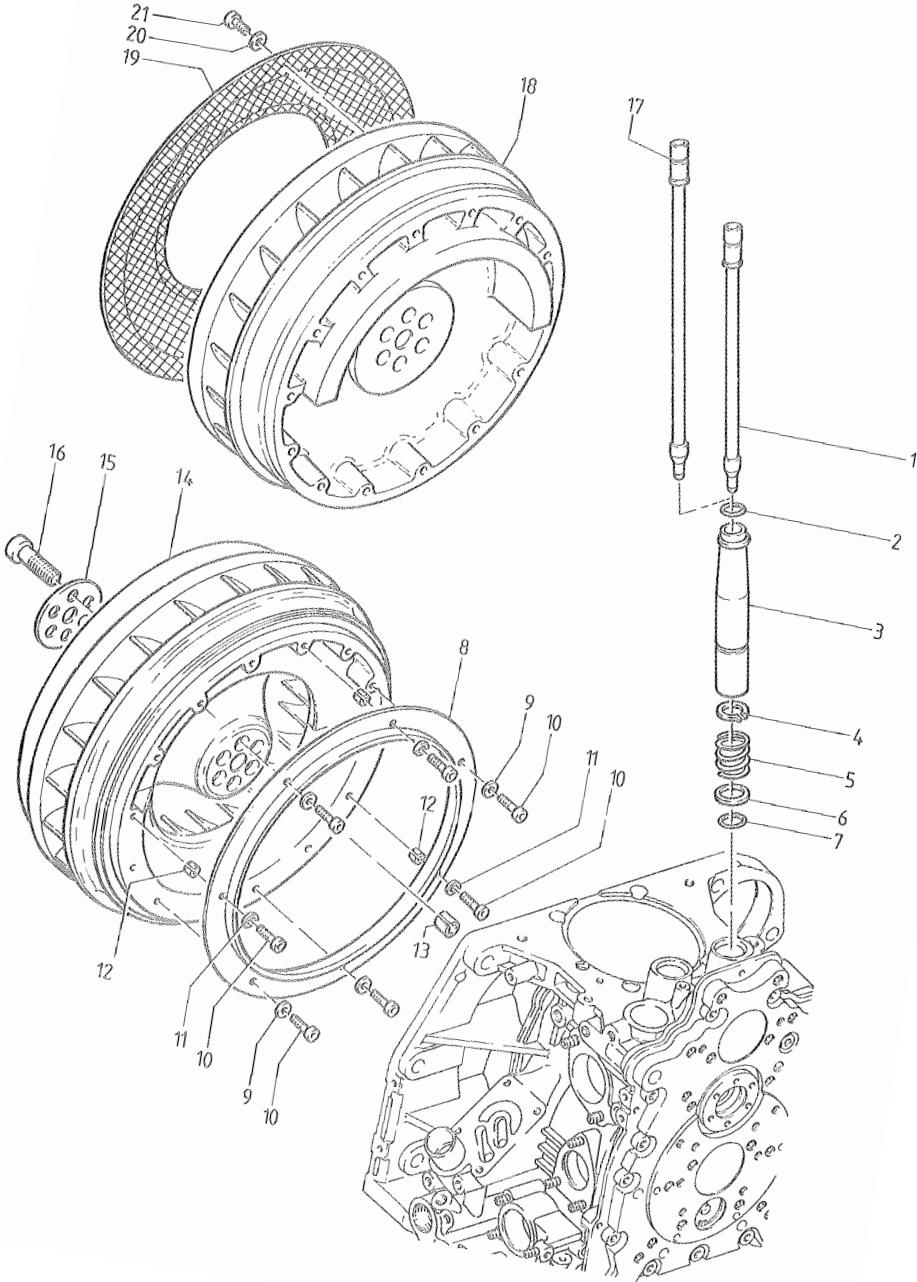


Fig.- No.	HATZ Ident-No.	Stück Qty.				P / W d / D	Bemerkungen Notes
		1D20	1D30	1D60	1D80		
		1D40					
1	01259300	2	2	-	-		T-U = 1
1	01244300	-	-	2	2		T-U = 1
2	50330200	2	2	2	2	d2	19 X 3
3	04027200	2	2	-	-		
3	04002500	-	-	2	2		
4	50347000	2	2	2	2		AS 24 X 1,75 DIN 471
5	04002600	2	2	2	2		
6	04002000	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	04025710	-	-	1	-		
14	04007120	-	-	-	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	04038010	-	-	1	-		T-U
18	04024110	-	-	-	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**

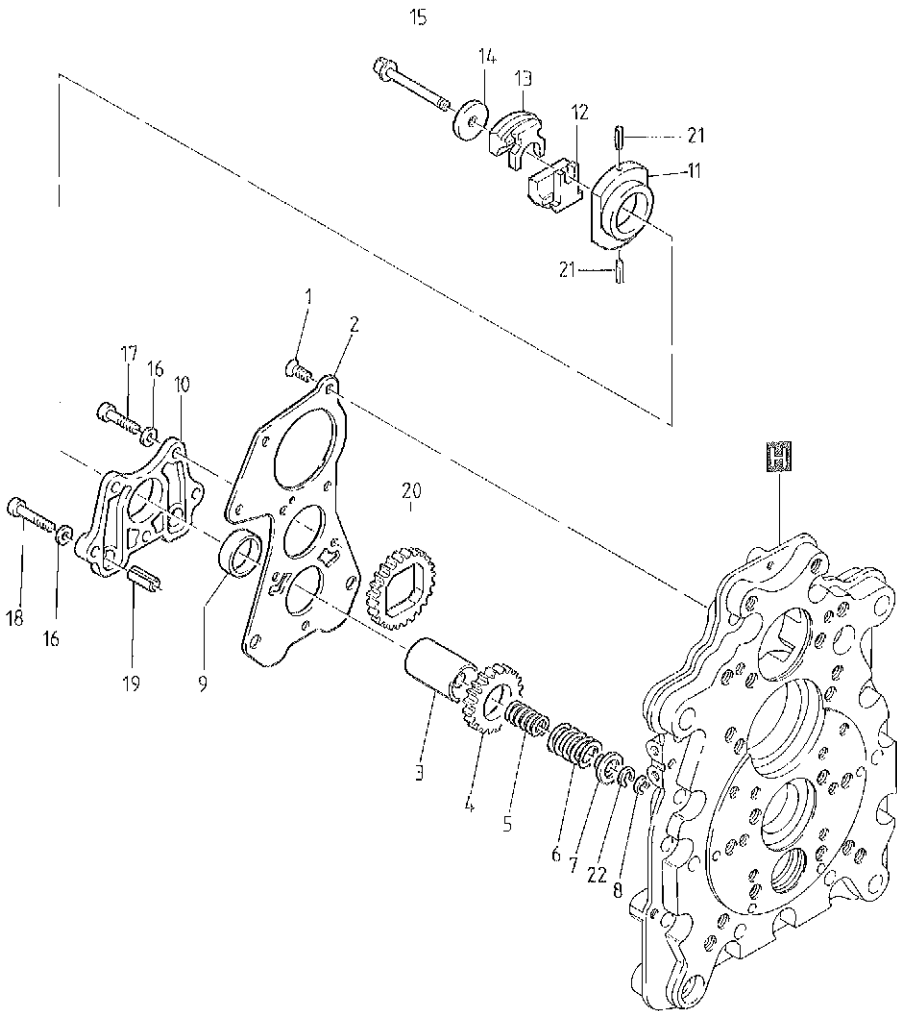
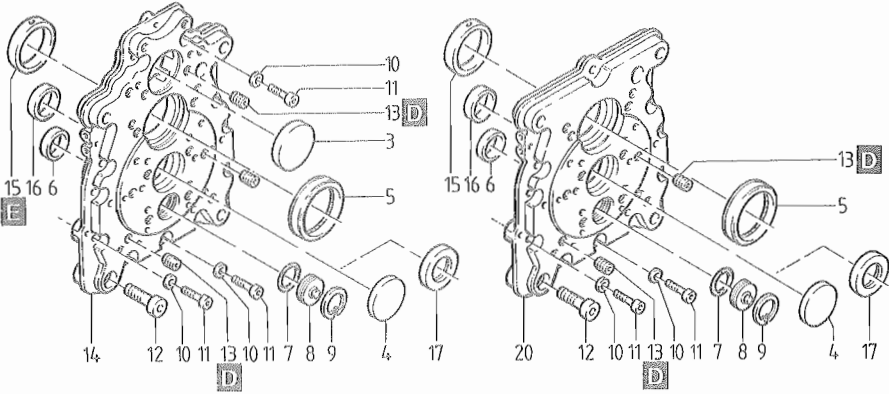


Fig.- No.	HATZ Ident-No.	Stück Qty.				P / W d / D	Bemerkungen Notes
		1D20	1D30	1D60	1D80		
		1D40					
1	50328000	5	5	5	5	AM 6 X 16 WN 17065	
2	03797411	1	1	1	1		
3	01242400	1	1	1	1		
4	03797300	1	1	1	1		
5	04052800	1	1	1	1	Ø 1,6 mm 1500 min <sup>-1</sup> Gen.	
5	04052900	1	1	1	1	Ø 1,7 mm 1800 min <sup>-1</sup> Gen.	
5	04008801	1	1	1	1	Ø 1,9 mm ...2300 min <sup>-1</sup>	
6	04008901	1	1	-	-	Ø 2,8 mm 2301...3000 min <sup>-1</sup>	
6	04063400	-	-	1	1	Ø 2,9 mm 2301...3000 min <sup>-1</sup>	
5	04008801	1	1	1	1	Ø 1,9 mm 3001...3600 min <sup>-1</sup>	
6	04008901	1	1	-	-	Ø 2,8 mm 3001...3600 min <sup>-1</sup>	
6	04063400	-	-	1	1	Ø 2,9 mm 3001...3600 min <sup>-1</sup>	
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	03798001	1	1	1	1		
13	03798101	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	

M 11

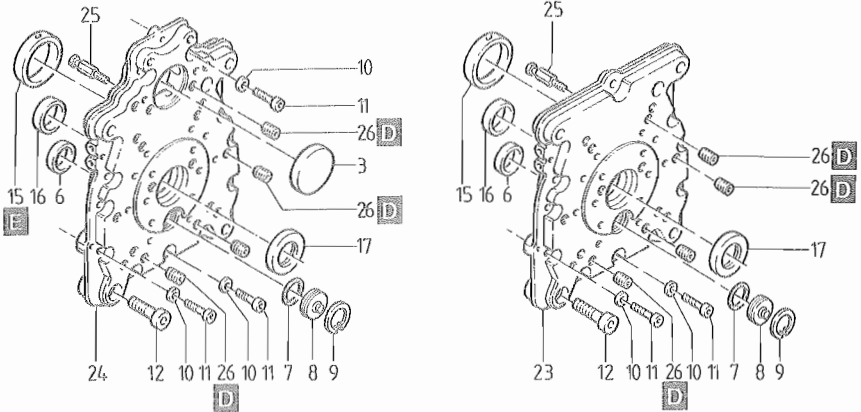
Steuerdeckel  
Timing cover  
Couvercle distribution  
Tapa de mando  
Coperchio distribuzione

Tafel Nr.  
Tabl. No.  
Tavola N.  
11



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		
		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	50021000	1	1	1	1		J 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

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

Tafel Nr.  
Tabl. No.  
Tavola N.  
  
12

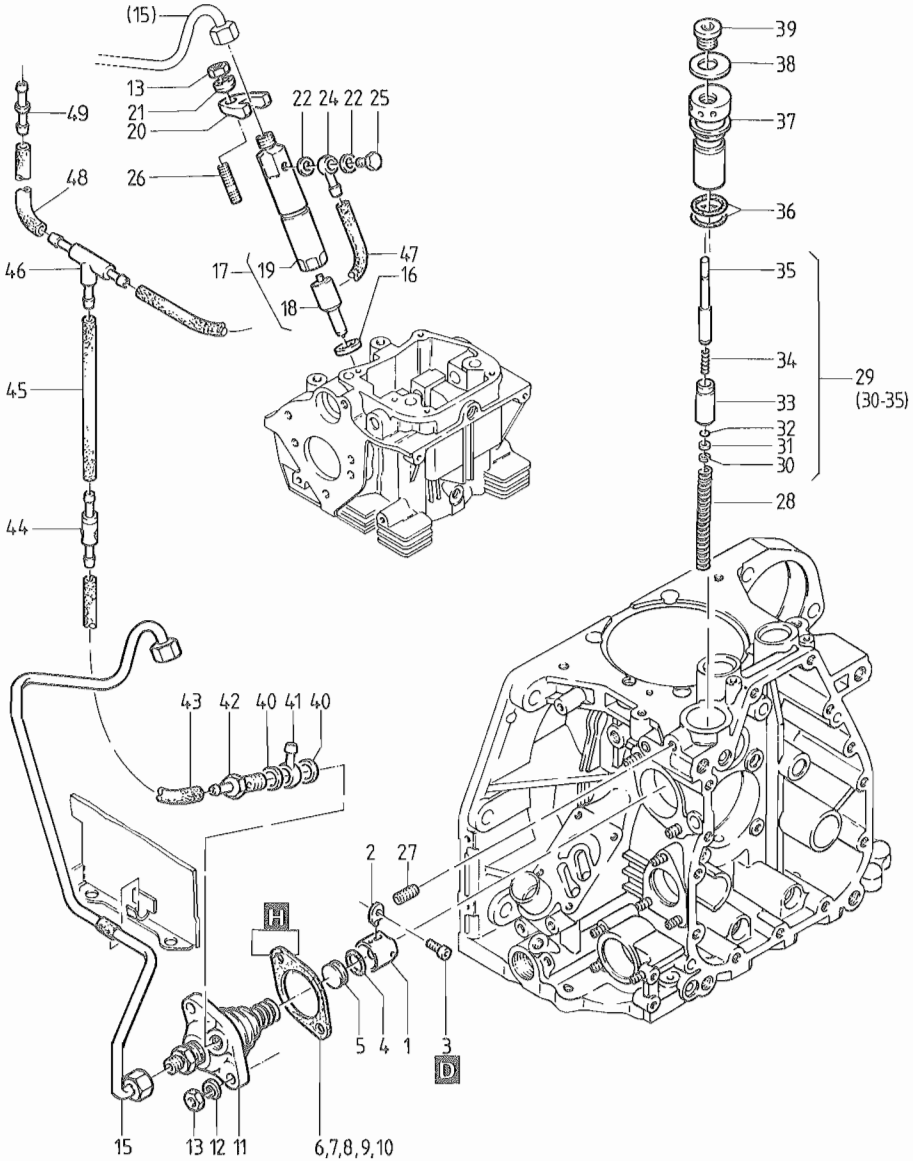


Fig.- No.	HATZ Ident-No.	Stück Qty.				P / W d / D	Bemerkungen Notes
		1D20	1D30	1D60	1D80		
		1D40					
1	50331500	1	1	1	1		
2	04000900	1	1	1	1		
3	50050600	1	1	-	-		M 6 X 12 DIN 912-8.8
3	50050700	-	-	1	1		M 6 X 16 DIN 912-8.8
4	50363400	1	1	1	1		17 X 1,2
5	04011700	1	1	1	1		
6	03209400	0...1	0...1	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	50362400	-	-	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	40085000	-	-	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
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

M 12

Startfüllung  
Extra fuel device  
Sucharge  
Sobre aliment.-arranque  
Supplemento

M 14

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

Tafel Nr.  
Tabl. No.  
Tavola N.  
12

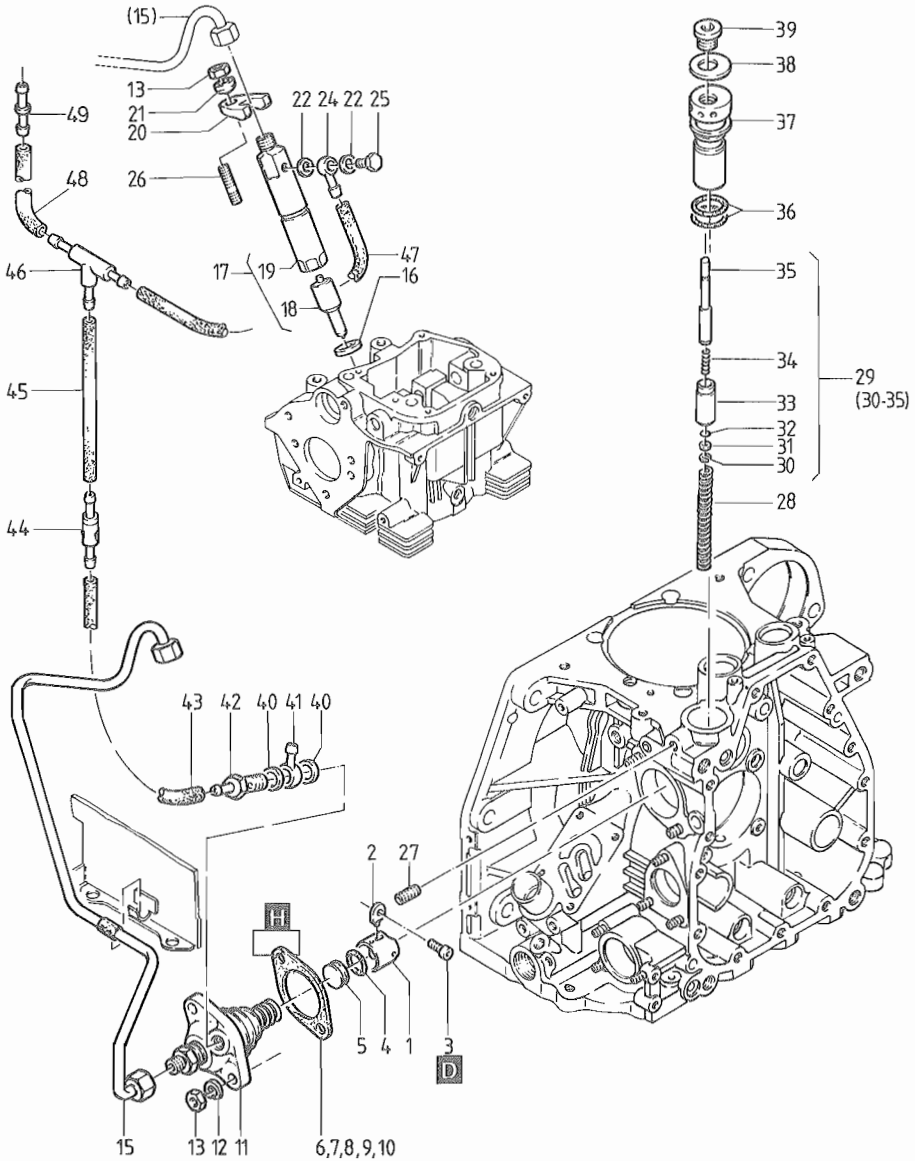


Fig.- No.	HATZ Ident-No.	Stück Qty.				P / W d / D	Bemerkungen Notes
		1D20	1D30	1D60	1D80		
		1D40					
27	50004600	1	1	1	1		AM 8 X 16 DIN 916-45H
28	04001300	1	1	1	1		
29	01243700	1	1	1	1		
30	50117200	1	1	1	1		4 DIN 6799
31	50123200	1	1	1	1		5 X 10 X 0,5 DIN 988
32	50335400	1	1	1	1	D1	4,7 X 1,6
33	04001000	1	1	1	1		
34	04001200	1	1	1	1		
35	04001100	1	1	1	1		
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	03663700	1	1	1	1		4,5 X 2,5 - 50 mm
43	04060400	-	-	1	1	C	4,5 X 2,5 - 100 mm
44	00805500	1	1	1	1	P1	
45	03882900	1	1	1	1		4,5 X 2,5 - 240 mm
45	04060200	-	-	1	1	C	4,5 X 2,5 - 55 mm
46	50157800	1	1	1	1		
47	03917700	1	1	1	1	C	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	

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

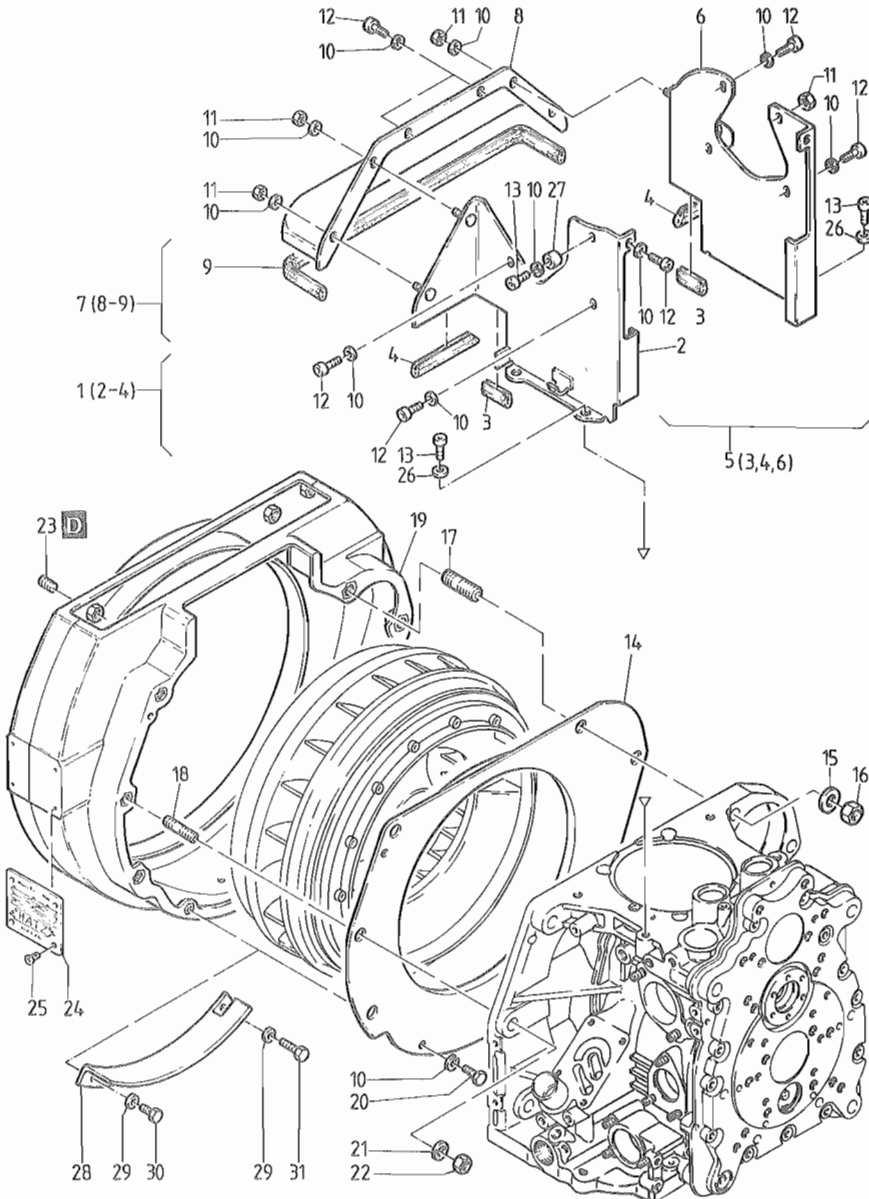


Fig.- No.	HATZ Ident-No.	Stück Qty.				P / W d / D	Bemerkungen Notes
		1D20	1D30	1D60	1D80		
		1D40					
1	01260901	1	1	-	-		
1	01246211	-	-	1	1		
2	-----	-	-	-	-		
3	04030900	2	2	-	-		28 mm
4	04030800	2	2	-	-		41 mm
4	04007710	-	-	2	2		110,0 mm
5	01261000	1	1	-	-		
5	01246411	-	-	1	1		
6	-----	-	-	-	-		
7	01261100	1	1	-	-		
7	01246600	-	-	1	1		
8	-----	-	-	-	-		
9	04031000	1	1	-	-		308 mm
9	04007900	-	-	1	1		413 mm
10	50170900	15	15	17	17	6	DIN 128 A3C
11	50144400	5	5	4	4	M 6	DIN 934-8 A3C
12	50149100	9	9	11	11	M 6 X 12	DIN 912-8.8 A3C
13	50170700	5	5	-	-	M 16 X 16	DIN 912-8.8 A3C
13	50206300	-	-	4	4	M 8 X 18	DIN 912-8.8 A3C
14	04031100	1	1	-	-	S-Z	
14	04008500	-	-	1	1	S-Z	
15	50093700	2	2	2	2	13	DIN 125-St A3C
16	50093600	2	2	2	2	M 12	DIN 934-8-13-A3C
17	50364900	2	2	2	2	M 12 X 40	DIN 938-8.8 A3C
18	50130000	4	4	4	4	M 8 X 35	DIN 938-8.8
19	01261510	1	1	-	-		
19	01255910	-	-	1	1		
20	50333500	2	2	2	2	M 6 X 8	DIN 933-8.8 A3C
21	50062900	4	4	4	4	B 8,4	DIN 9021-St A3C
22	50148000	4	4	4	4	M 8	DIN 934-8 A3C
23	50226000	2	2	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	
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

Luftführung – C  
 Air ducting – C  
**M 26** Carter ventilation – C  
 Conducción de aire – C  
 Carter ventilatore – C

Tafel Nr.  
 Tabl. No.  
 Tavola N.  
**14**

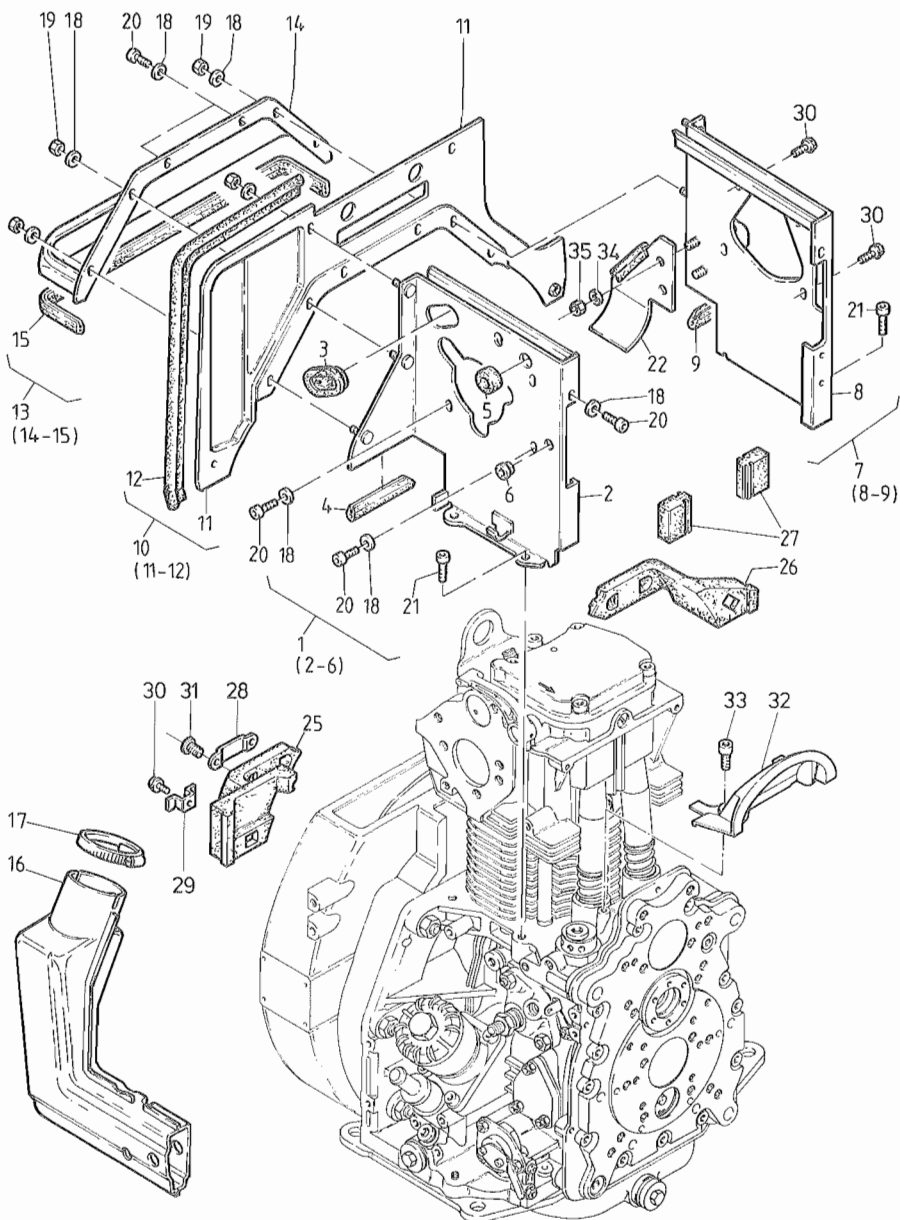


Fig.- No.	HATZ Ident-No.	Stück Qty.	P / W d / D	Bemerkungen Notes
		1D60 C	1D30 C	
1	01279000	1	1	
2	-----	-	-	
3	04055300	1	1	
4	04007710	1	1	110 mm
5	04055400	1	1	
6	50334800	1	1	
7	01278910	1	1	
8	-----	-	-	
9	04007710	1	1	110 mm
10	01278700	1	1	
11	-----	-	-	
12	04039300	1	1	393 mm
13	01277301	1	1	
14	-----	-	-	
15	04056300	1	1	347 mm
16	01274501	1	1	
17	50339900	1	1	40 - 60
18	50170900	13	13	6 DIN 128 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



**M 32**

Drehzahlverstellung  
Speed control  
Réglage régime  
Ajuste de revoluciones  
Regolatore di giri

Tafel Nr.  
Tabl. No.  
Tavola N.

**15**

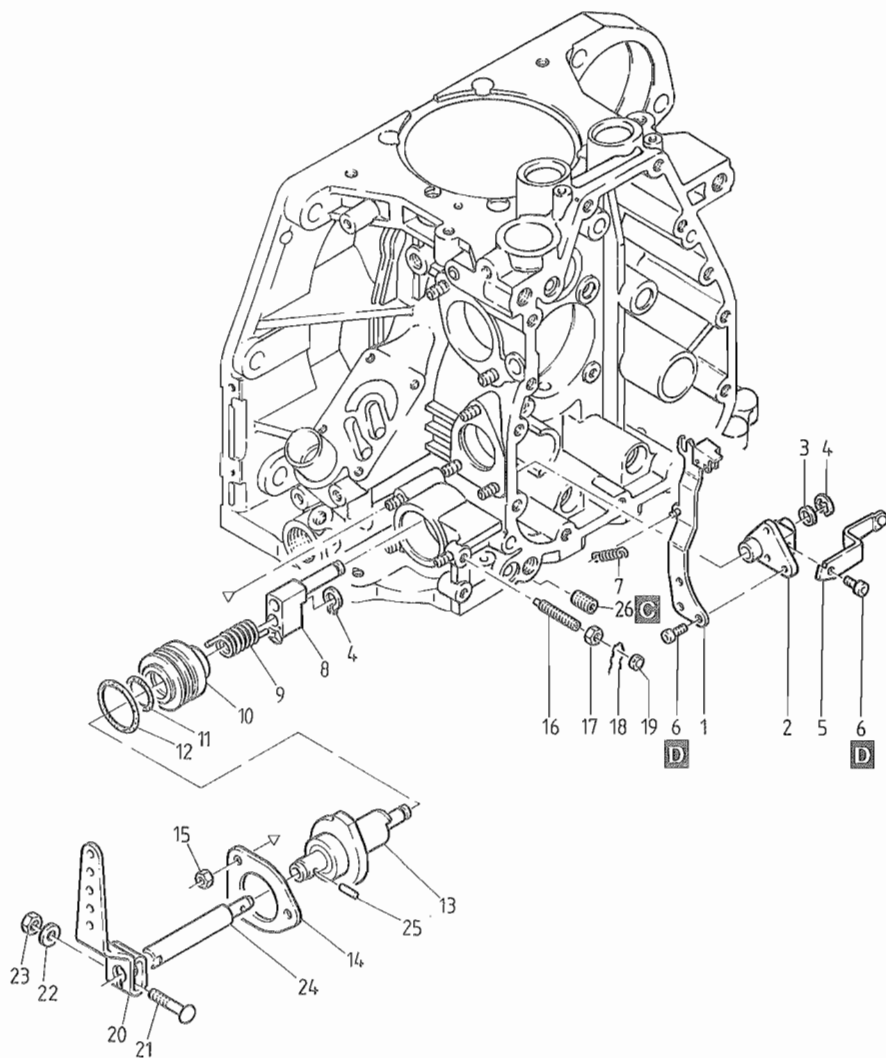


Fig.- No.	HATZ Ident-No.	Stück Qty.				P / W d / D	Bemerkungen Notes
		1D20	1D30	1D60	1D80		
		1D40					
1	01242900	1	1	1	1		
2	01243000	1	1	1	1		
3	04000100	1	1	1	1		
4	50266100	2	2	2	2		6          DIN 6799
5	04037500	1	1	1	1		
6	50328700	4	4	4	4		M 5 X 8      DIN 912-8.8
7	04000200	1	1	1	1		
8	01242810	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

M 35

Kapsel – C  
Capsule – C  
Capsule – C  
Cápsula – C  
Cofanatura silenziosa – C

Tafel Nr.  
Tabl. No.  
Tavola N.

16

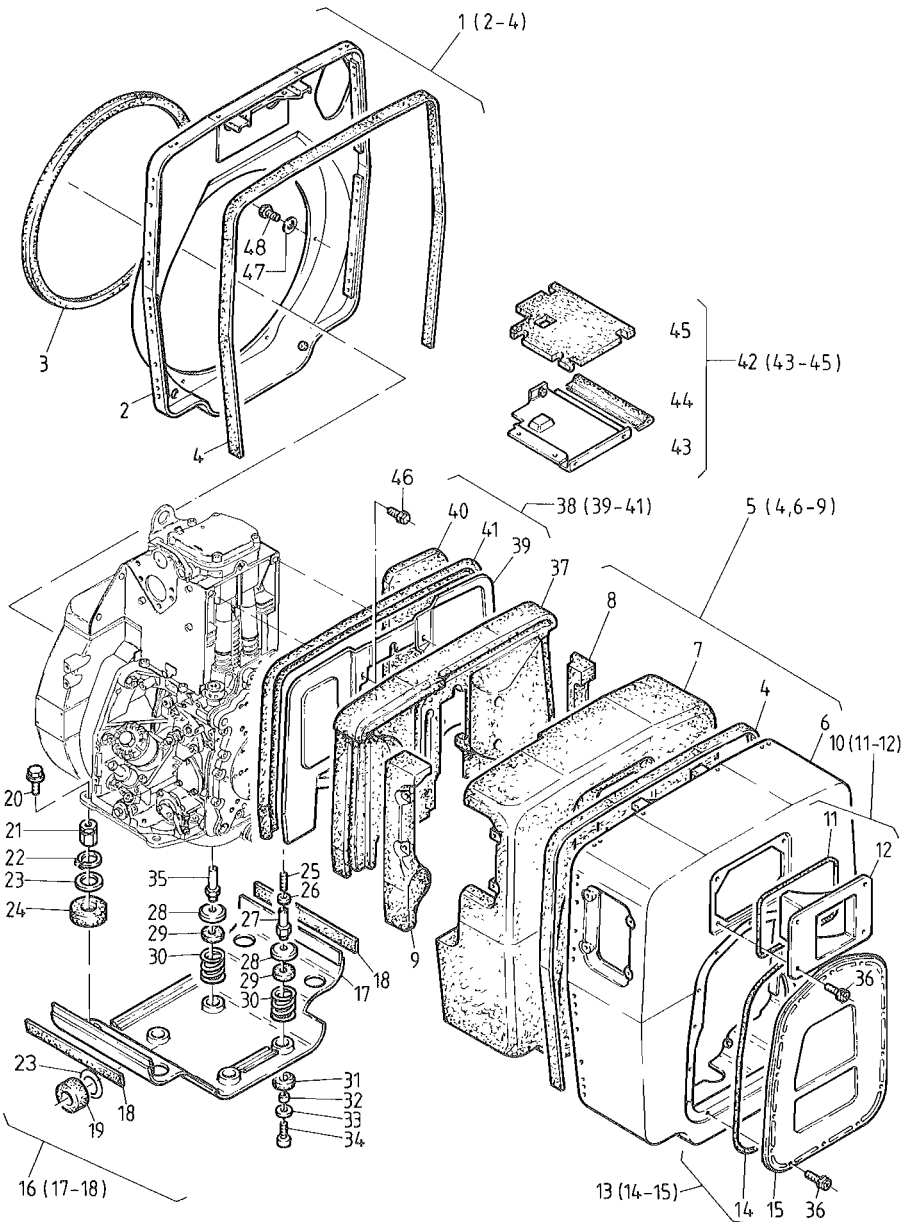


Fig.- No.	HATZ Ident-No.	Stück Qty.		P / W d / D	Bemerkungen Notes
		1D60 C	1D80 C		
1	01276300	1	1		
2	-----	-	-		
3	04049500	1	1		1230 mm
4	04049600	2	2		13 X 1 X 1430
5	01276500	1	1		
6	-----	-	-		
7	01272600	1	1		
8	04044210	1	1		
9	04047200	1	1		
10	01276600	1	1		
11	04049100	1	1		
12	-----	-	-		
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

M 35

Kapsel – C  
Capsule – C  
Capsule – C  
Cápsula – C  
Cofanatura silenziosa – C

Tafel Nr.  
Tabl. No.  
Tavola N.

16

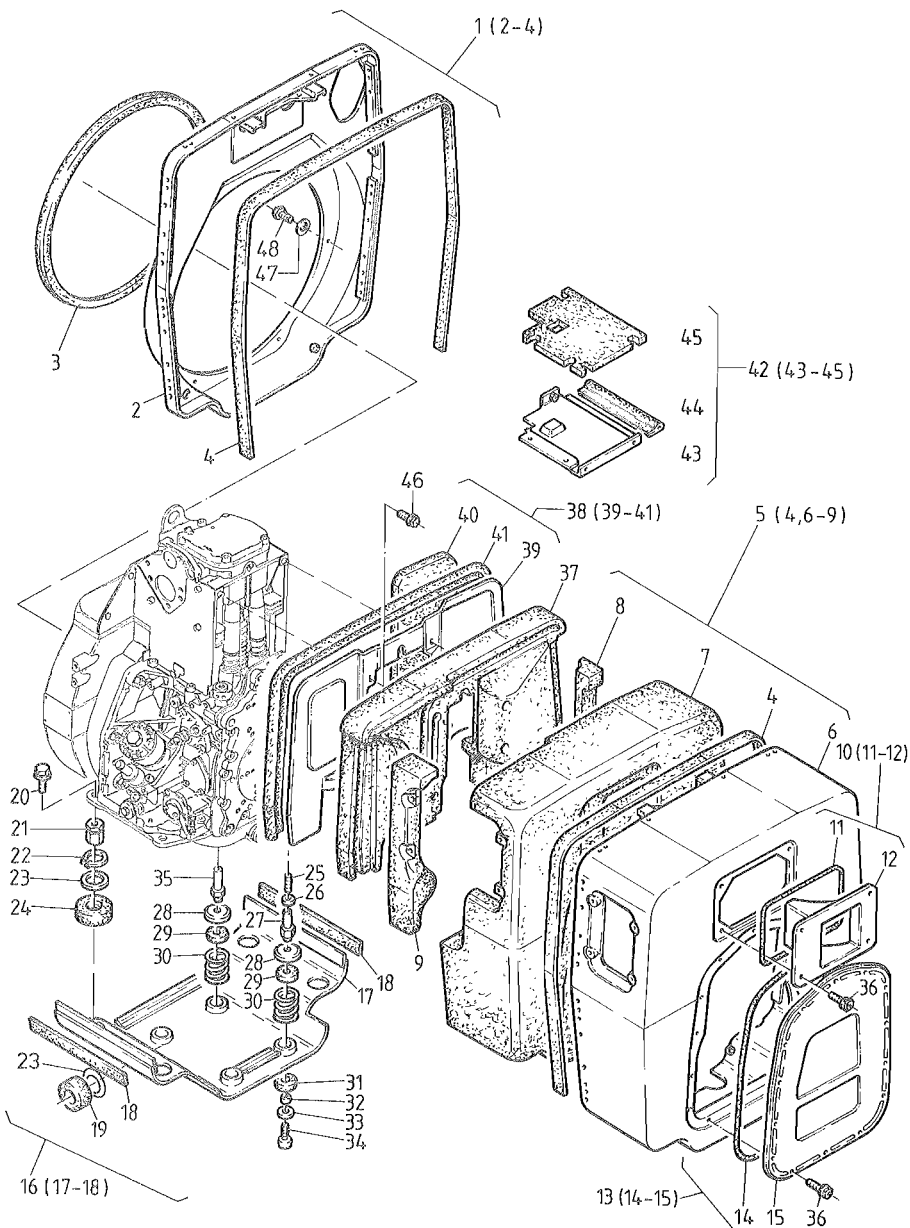


Fig.- No.	HATZ Ident-No.	Stück Qty.		P / W d / D	Bemerkungen Notes
		1D60 C	1D80 C		
35	04047500	2	2		
36	50289200	84	84		M 6 X 12 KZ 1
37	01279410	1	1		
38	01274800	1	1		
39	-----	-	-		
40	04046700	1	1		
41	04045500	1	1		1015 mm
42	01275000	1	1		
43	-----	-	-		
44	04049400	1	1		
45	04046900	1	1		
46	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

# M 35

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

Tafel Nr.  
Tabl. No.  
Tavola N.

17

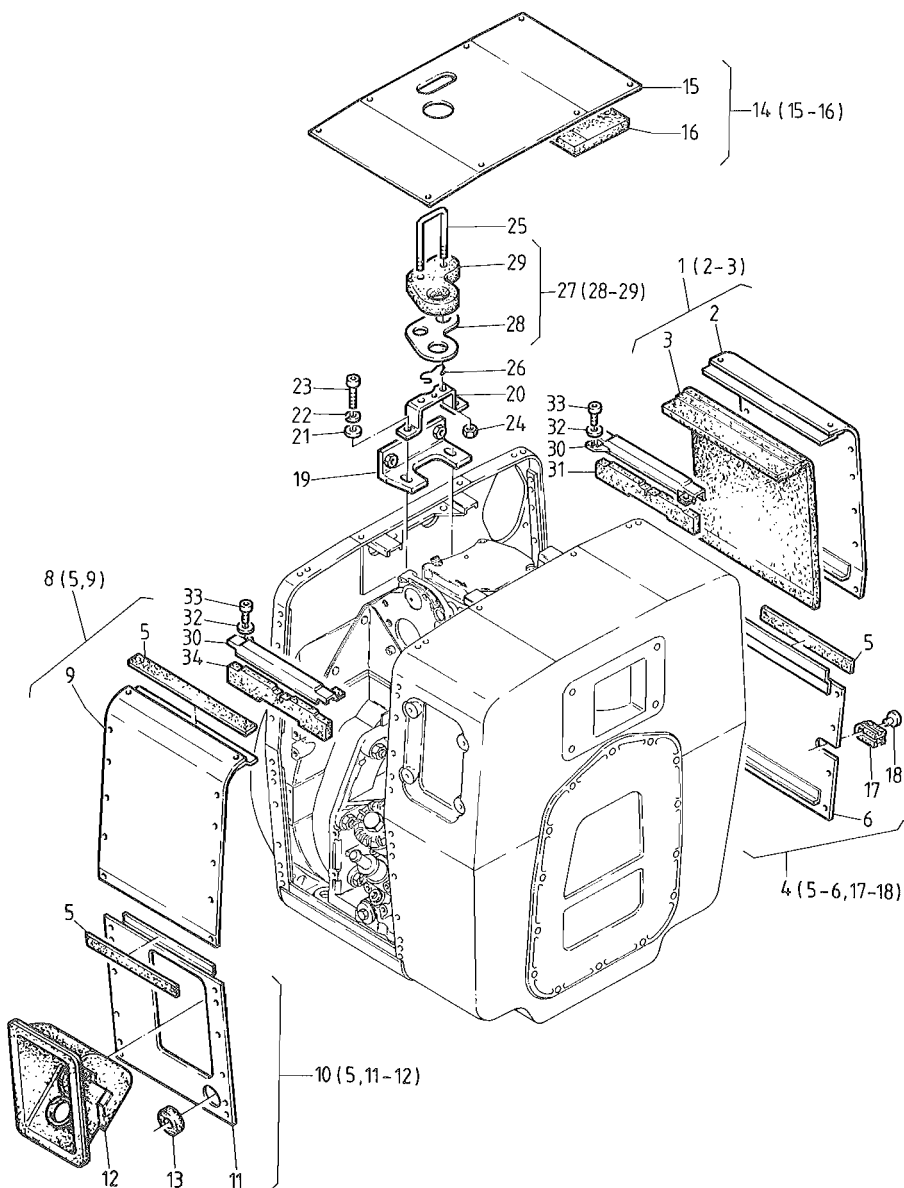


Fig.- No.	HATZ Ident-No.	Stück Qty.	P / W d / D	Bemerkungen Notes
		1D60 C	1D80 C	
1	01274700	1	1	
2	-----	-	-	
3	04046600	1	1	
4	01277000	1	1	
5	04049700	3	3	13 X 1 X 195
6	-----	-	-	
7	-----	-	-	
8	01276800	1	1	
9	-----	-	-	
10	01276900	1	1	
11	-----	-	-	
12	04047000	1	1	
13	04053700	1	1	
14	01274900	1	1	
15	-----	-	-	
16	04046800	1	1	
17	03568900	1	1	
18	50387000	1	1	
19	01282710	1	1	
20	04043100	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	04056200	1	1	
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	



A 01

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

Tafel Nr.  
Tabl. No.  
Tavola N.  
**18**

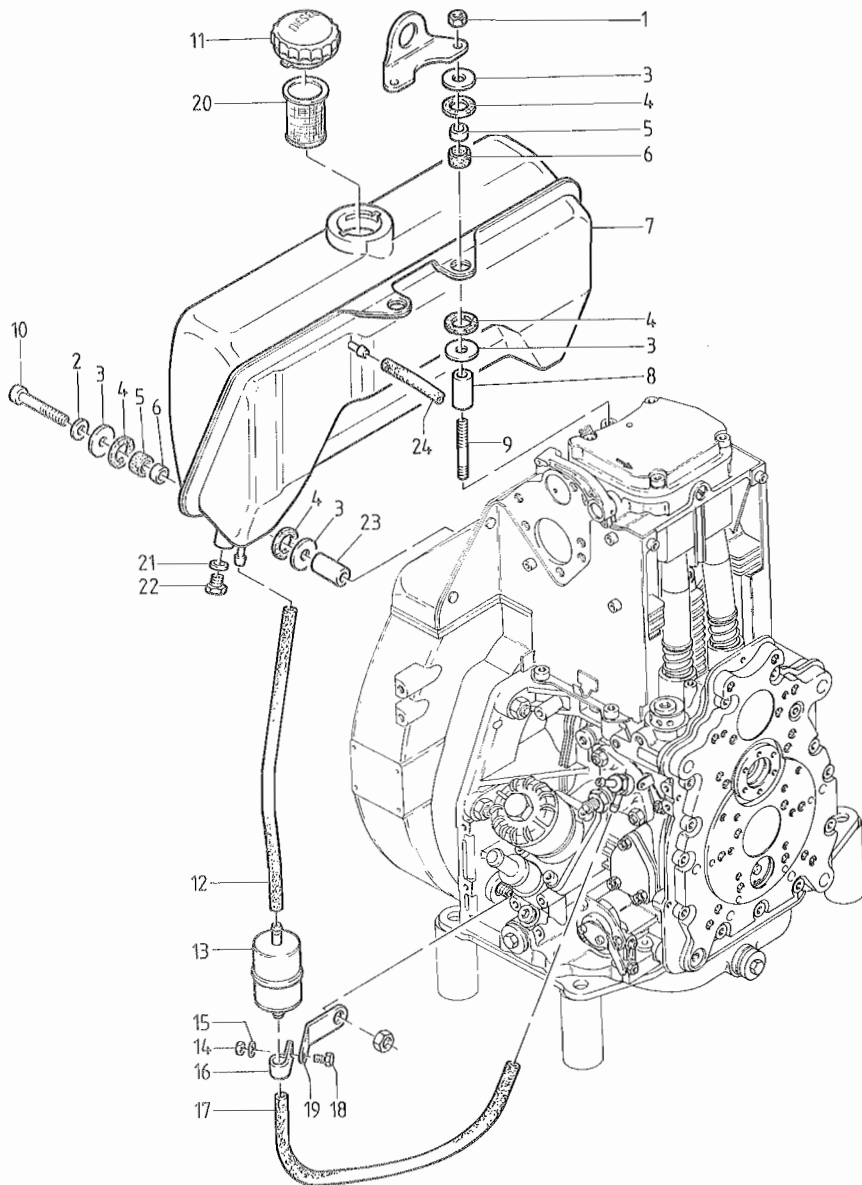


Fig.- No.	HATZ Ident-No.	Stück Qty.				P / W d / D	Bemerkungen Notes
		1D20	1D30	1D60	1D80		
		1D40					
1	50148000	2	2	2	2		M 8      DIN 934-8 A3C
2	50208500	4	4	4	4		8,4      DIN 128-St A3C
3	50062900	8	8	12	12		B 8,4    DIN 9021-St A3C
4	03981800	8	8	12	12		15-25
5	03981900	4	4	6	6		
6	03981700	4	4	6	6		8,4 X 13 X 7
7	01405500	1	1	-	-		5
7	01193520	-	-	1	1		7
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	-	-		
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	03674300	1	1	1	1		7 X 305 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

A 01

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

Tafel Nr.  
Tabl. No.  
Tavola N.  
19

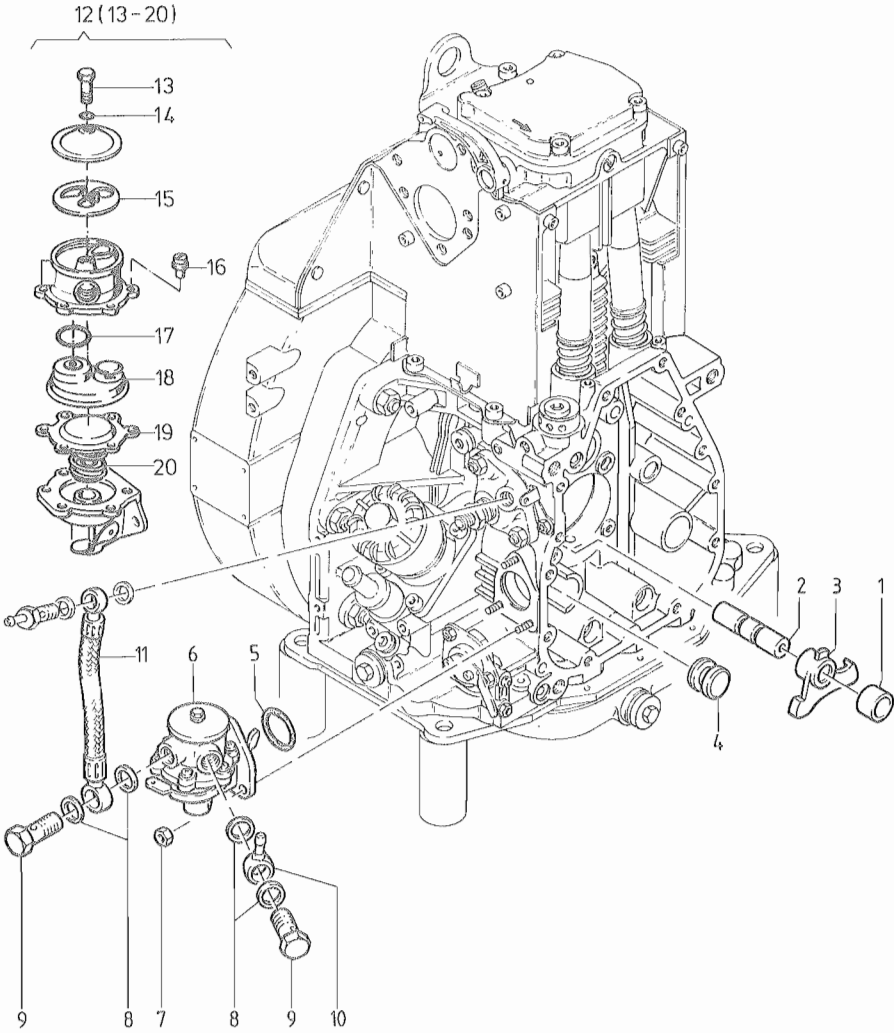


Fig.- No.	HATZ Ident-No.	Stück Qty.				P / W d / D	Bemerkungen Notes
		1D20	1D30	1D60	1D80		
		1D40					
1	04011900	1	1	1	1		S-T
2	03796400	1	1	1	1		S-T
3	04011800	1	1	1	1		
4	04023600	1	1	-	-		
4	04000800	-	-	1	1		
5	50331800	1	1	1	1		35 X 2,8
6	50332300	1	1	1	1		
7	50328300	3	3	3	3		VM8 980-8 A3C
8	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	-----	-	-	-	-		

A 02

Luffilter  
Air filter  
Filtre à air  
Filtro de aire  
Filtro aria

Tafel Nr.  
Tabl. No.  
Tavola N.  
20

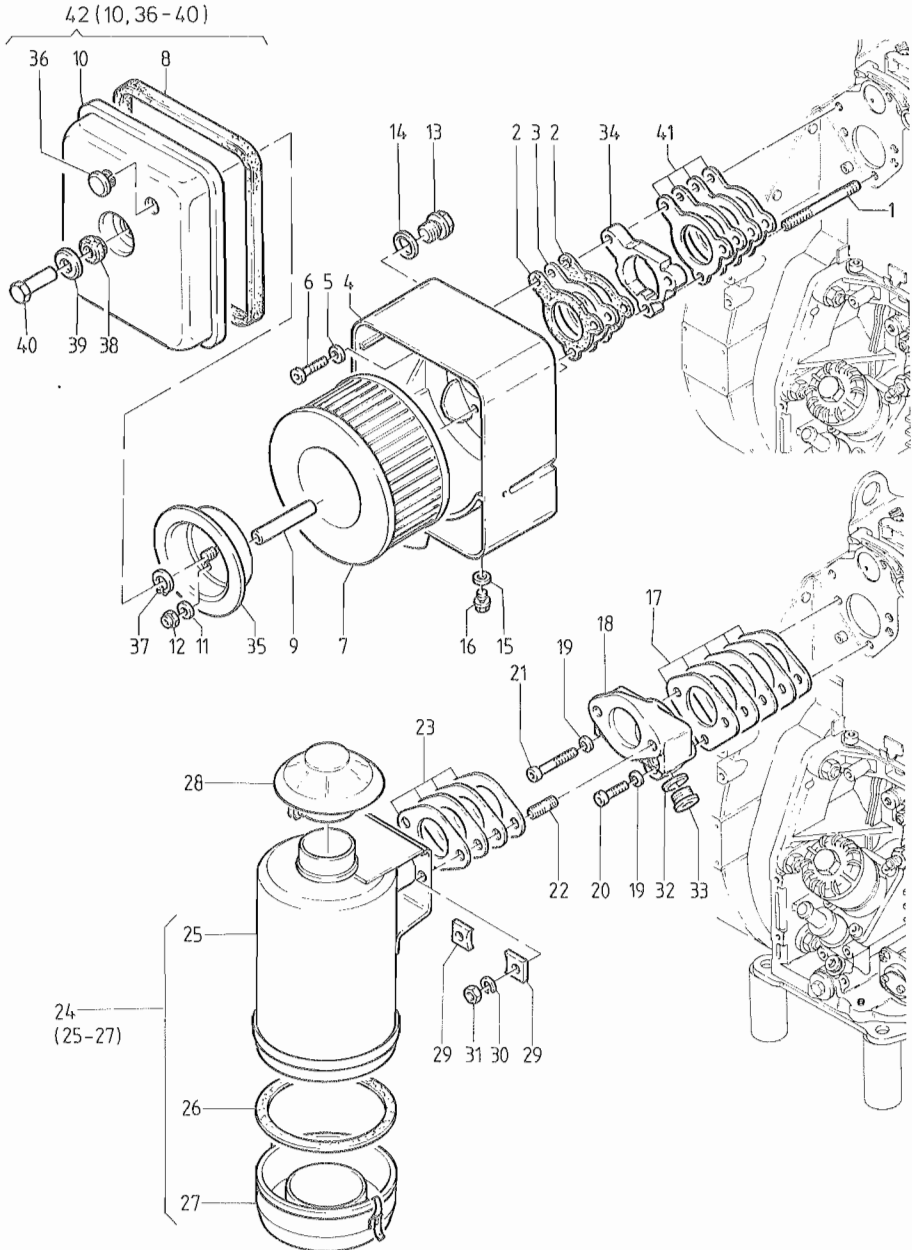


Fig.- No.	HATZ Ident-No.	Stück Qty.				P / W d / D	Bemerkungen Notes
		1D20	1D30	1D60	1D80		
		1D40					
1	50039600	2	2	-	-		M 8 x 115 DIN 835
1	50039500	-	-	2	2		M 8 X 110 DIN 835-8.8 A3C
2	04029800	2	2	-	-	d2	
2	04006300	-	-	2	2	d2	
3	04029701	1	1	-	-		
3	04006200	-	-	1	1		
4	04029910	1	1	-	-		
4	04004310	-	-	1	1		
5	50095100	1	1	1	1		A 8 DIN 137-A3C
6	50080800	1	1	-	-		M 8 X 42 DIN 912-8.8
6	50171000	-	-	1	1		M 8 X 45 DIN 912-8.8 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		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		

**A 02** Luftfilter  
 Air filter  
 Filtre à air  
 Filtro de aire  
 Filtro aria

Tafel Nr.  
 Tabl. No.  
 Tavola N.  
**20**

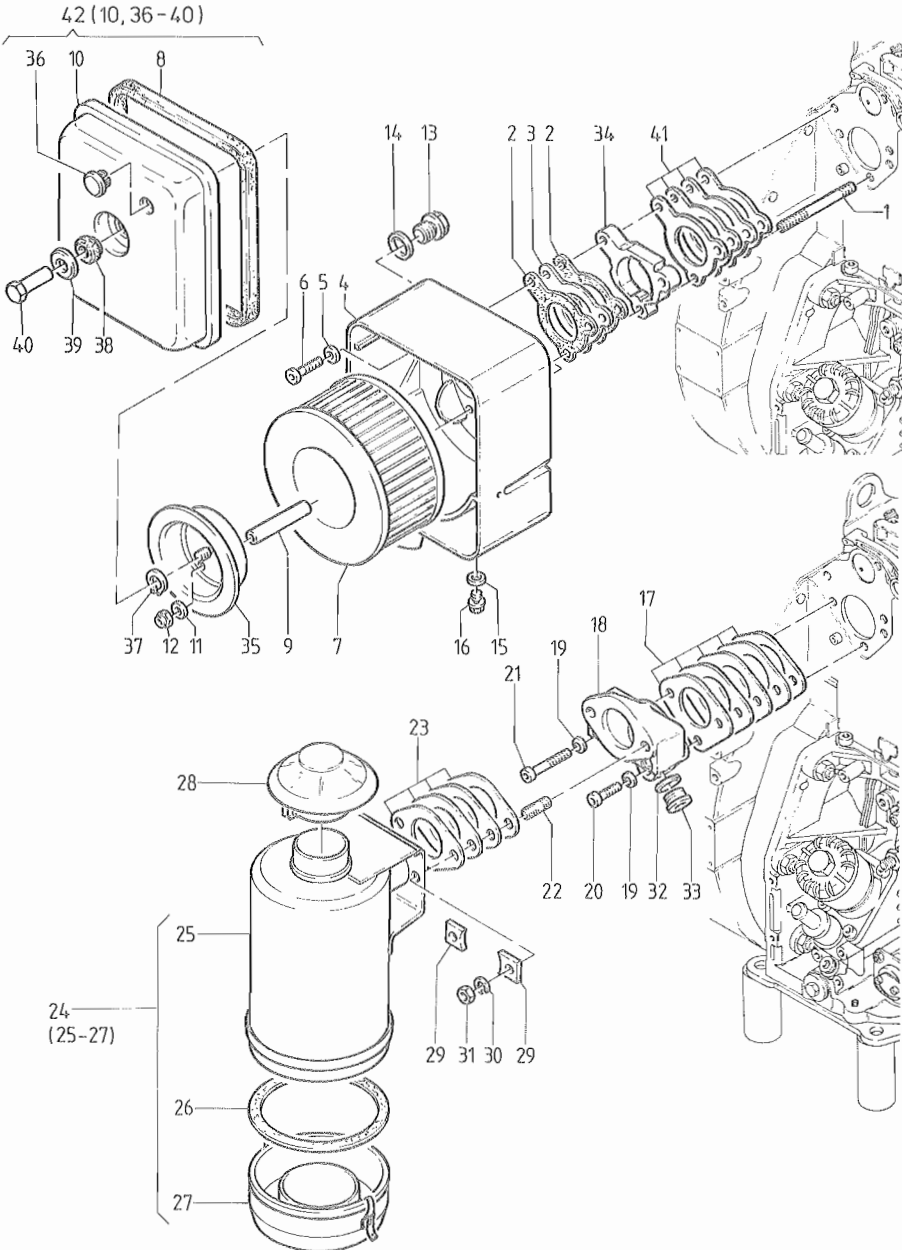


Fig.- No.	HATZ Ident-No.	Stück Qty.				P / W d / D	Bemerkungen Notes
		1D20	1D30	1D60	1D80		
		1D40					
24	01078500	-	-	1	1		
25	-----	-	-	-	-		
26	49038000	-	-	1	1		
27	49056600	-	-	1	1		
28	40036700	-	-	1	1		62 mm
29	03945400	-	-	2	2		
30	50135600	-	-	2	2		10          DIN 128 A3C
31	50145800	-	-	2	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		



**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.  
**21**

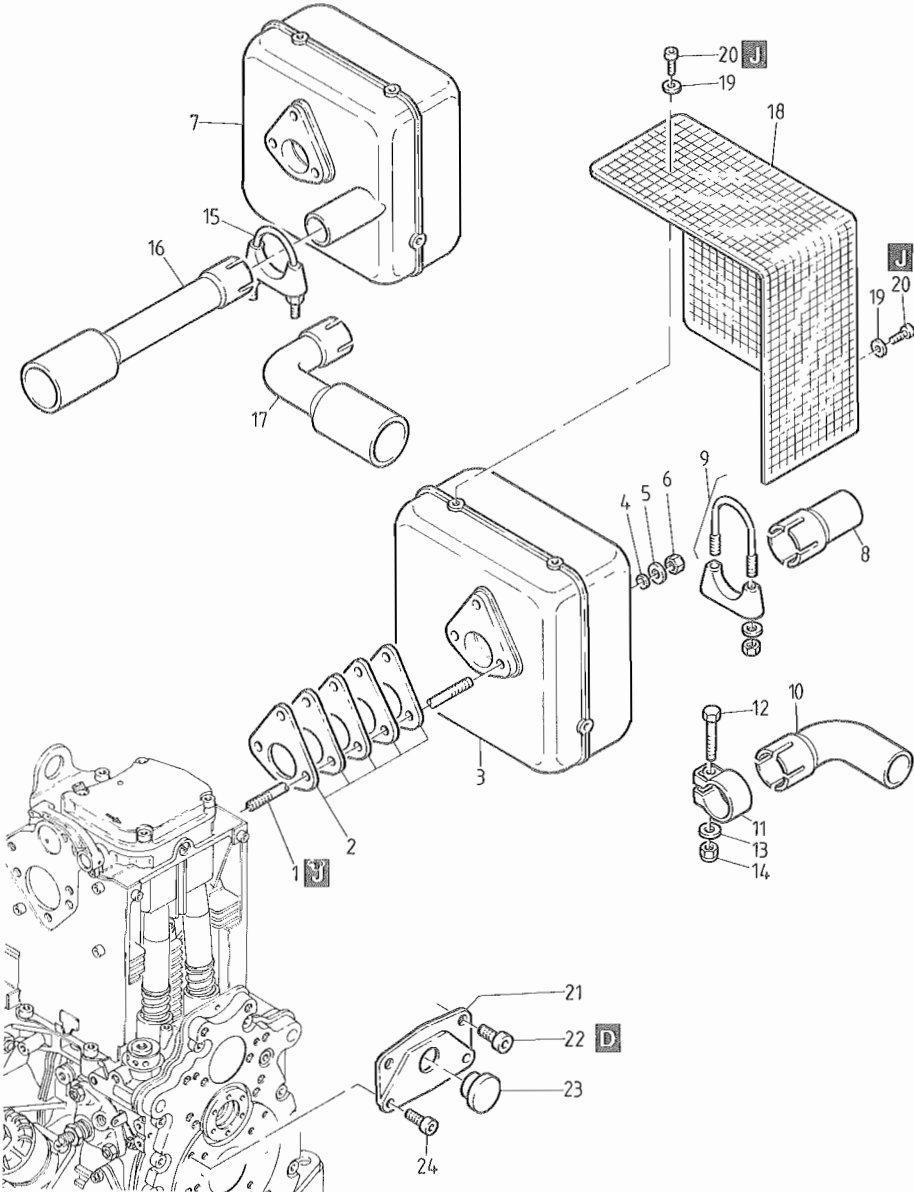


Fig.- No.	HATZ Ident-No.	Stück Qty.				P / W d / D	Bemerkungen Notes
		1D20	1D30	1D60	1D80		
			1D40				
1	50059100	3	3	-	-		M 8 X 120 DIN 835-8.8 A3C
1	50129400	-	-	3	3		M 8 X 140 DIN 835-8.8 A3C
2	01427900	1	1	-	-	d1	
2	01429100	-	-	1	1	d1	
3	01416900	1	1	-	-		
3	01181300	-	-	1	1		
4	05001800	3	3	3	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.

**22**

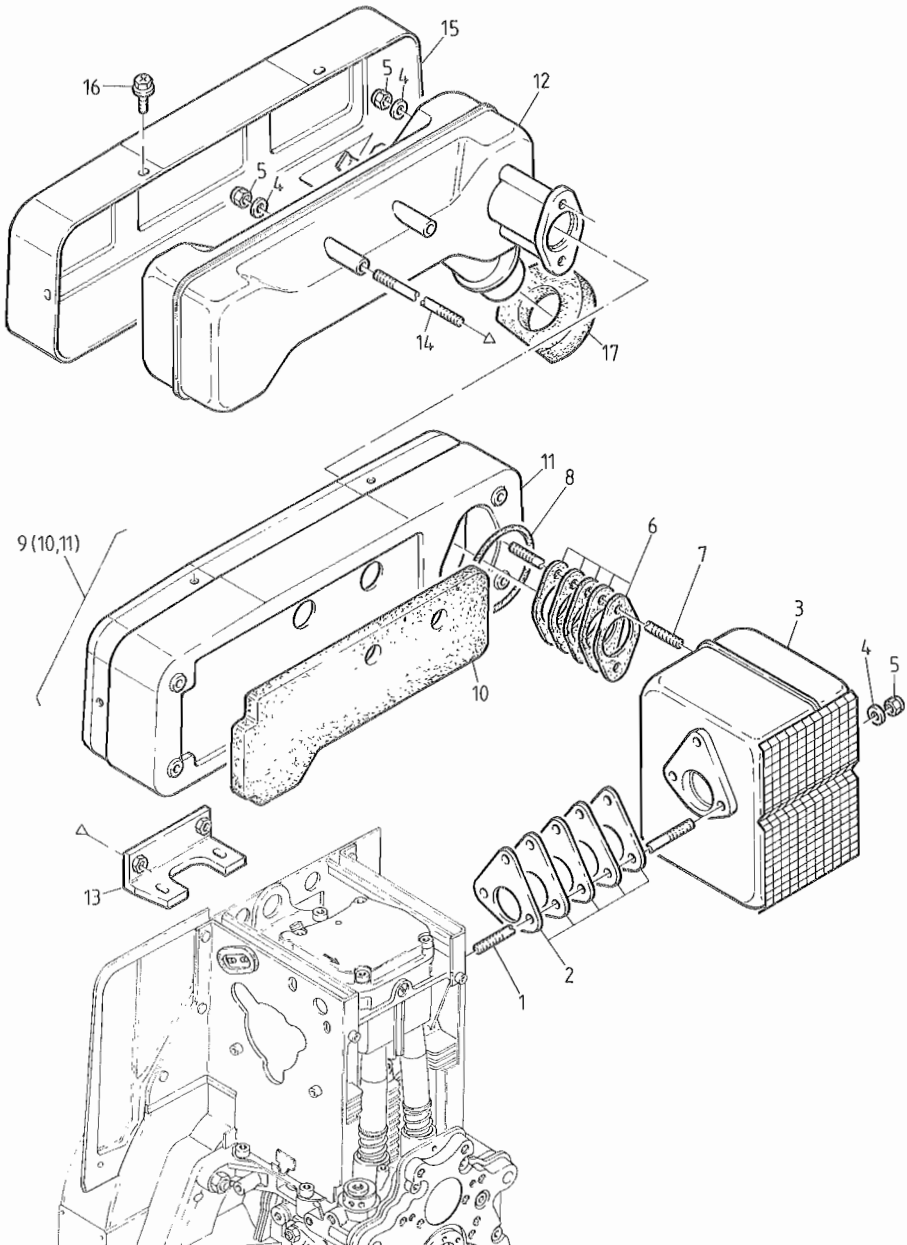


Fig.- No.	HATZ Ident-No.	Stück Qty.	P / W d / D	Bemerkungen Notes
		1D60 C	1D80 C	
1	50391600	3	3	M 8 x 145 DIN 835
2	01429100	1	1	
3	01282000	1	1	
4	50148100	7	7	8,4 DIN 125-St A3C
5	40028400	7	7	VM 8 DIN 980-8 C3A
6	01287800	1	1	
7	50391700	2	2	M 8 X 145 DIN 938
8	50349700	1	1	100 X 2,5
9	01278200	1	1	
10	04045400	1	1	
11	01273001	1	1	
12	01282201	1	1	
13	01282710	1	1	
14	50392700	2	2	M 8 X 130 DIN 938
15	04045100	1	1	
16	50289200	6	6	M 6 X 12 KZ 1
17	04050000	1	1	

A 04

Andrehkurbel, Rücklaufsperr  
Starting handle, return stop  
Manivelle, disp. antidetournement  
Manivela, bloqueo de retroces  
Manovella

Tafel Nr.  
Tabl. No.  
Tavola N.

23

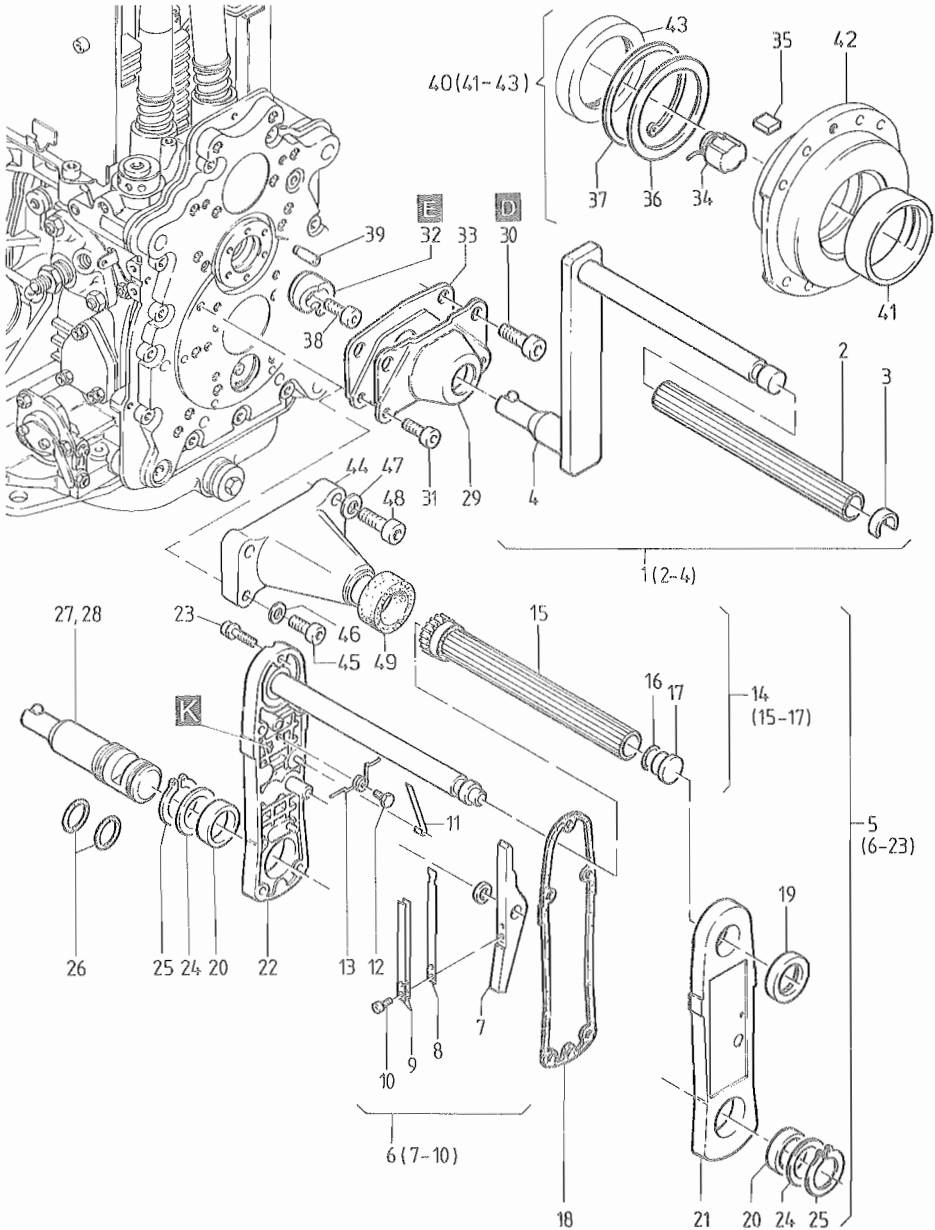


Fig.- No.	HATZ Ident-No.	Stück Qty.				P / W d / D	Bemerkungen Notes
		1D20	1D30	1D60	1D80		
		1D40					
1	01248001	1	1	1	1		80 mm
1	01426501	1	1	1	1		140 mm
1	01426701	1	1	1	1		160 mm
1	01407301	1	1	1	1		200 mm
2	03522400	1	1	1	1		
3	03515400	1	1	1	1		
4	-----	-	-	-	-		
5	01027805	1	1	1	1		"A"
6	01011404	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	01187201	1	1	1	1		80 mm
27	01426800	1	1	1	1		140 mm
27	01426900	1	1	1	1		160 mm
28	01411401	1	1	1	1		200 mm

Andrehkurbel, Rücklaufsperr  
 Starting handle, return stop  
**A 04** Manivelle, disp. antidetournement  
 Manivela, bloqueo de retroces  
 Manovella

Tafel Nr.  
 Tabl. No.  
 Tavola N.  
**23**

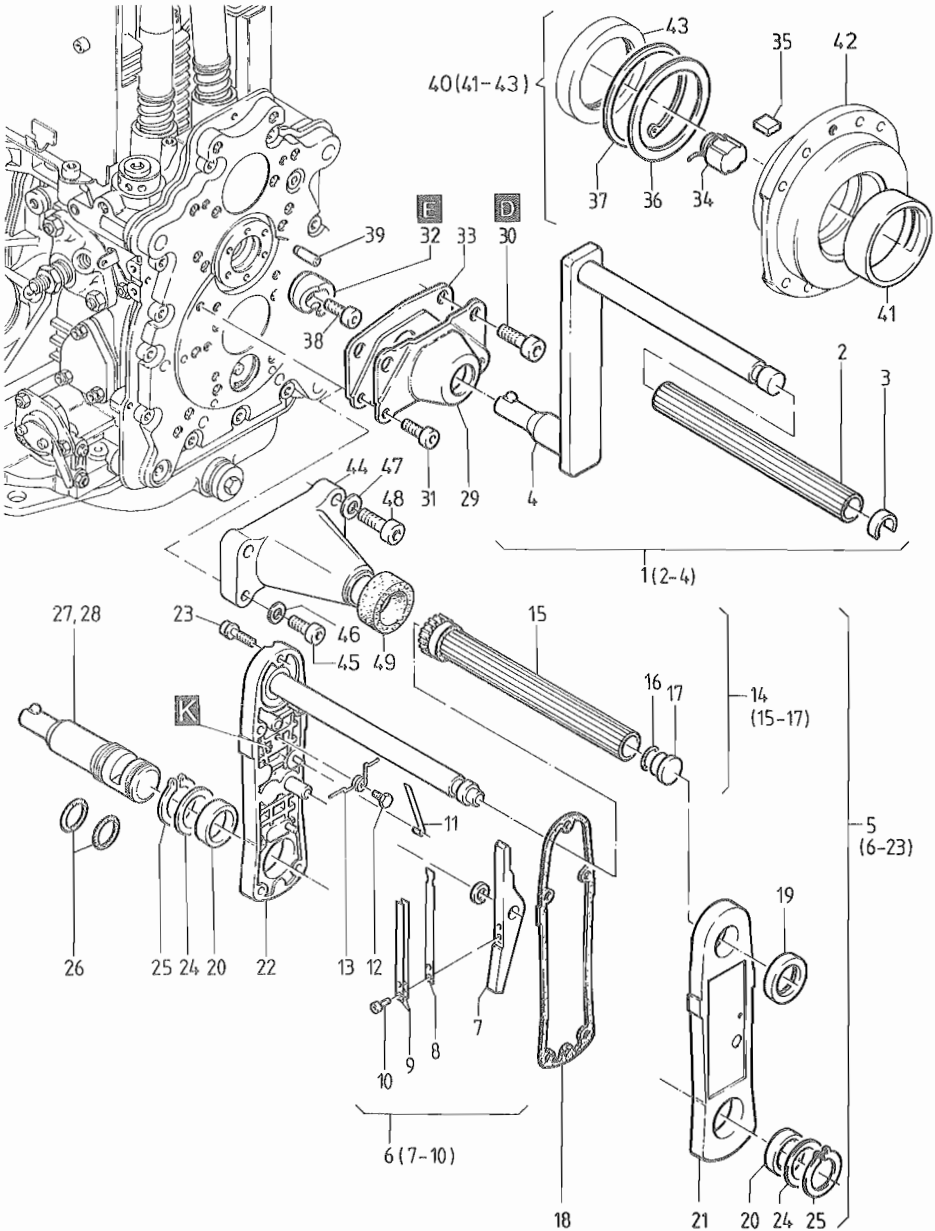


Fig.- No.	HATZ Ident-No.	Stück Qty.				P / W d / D	Bemerkungen Notes
		1D20	1D30	1D60	1D80		
			1D40				
29	03956810	1	1	1	1		
30	50343700	2	2	2	2		M 10 X 25 DIN 912-8.8 TUF A3C
31	50206300	2	2	2	2		M 8 X 18 DIN 912-8.8 A3C
32	04020310	1	1	1	1		
33	03985300	1	1	1	1		
34	50380200	-	-	24	24		
35	50380300	-	-	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	01257300	1	1	-	-		
40	01253200	-	-	1	1		
41	04024500	1	1	-	-		
41	04006800	-	-	1	1		
42	----	-	-	-	-		
43	50368100	1	1	-	-		52 X 80 X 10
43	50362700	-	-	1	1		62 X 90 X 10
44	03995500	1	1	1	1		
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"



Reversierstarter  
 Recoil starter  
**A 04** Demarreur reversible  
 Arrancador reversible  
 Avviamento a strappo

Tafel Nr.  
 Tabl. No.  
 Tavola N.  
**24**

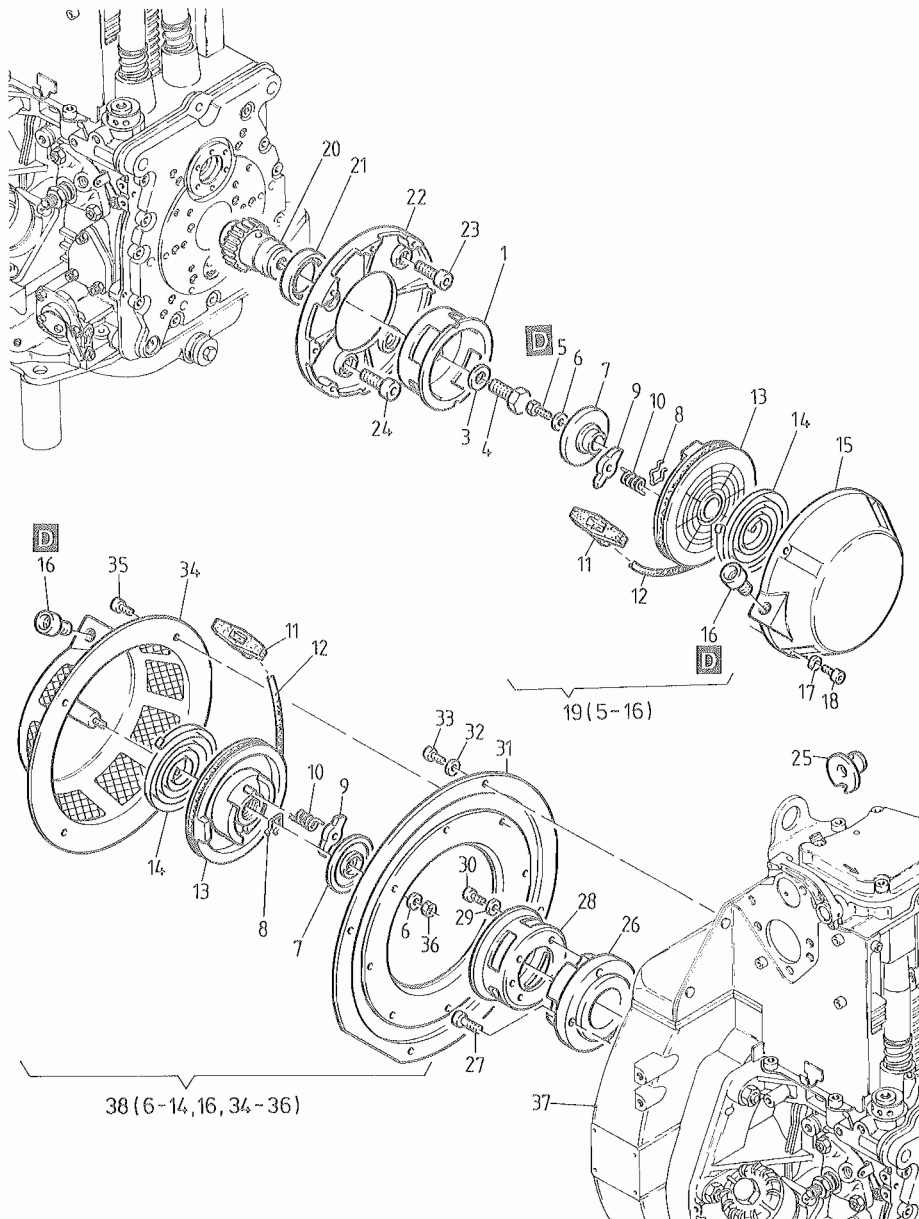


Fig.- No.	HATZ Ident-No.	Stück Qty.	P / W d / D	Bemerkungen Notes
		1D20	1D30 1D40	
1	01166700	1	1	
2	-----	-	-	
3	50348800	1	1	12          DIN 6796 FST
4	50390500	1	1	M 12X1,5X25 DIN 961-10.9 A3C
5	50146300	1	1	M 6 X 18    DIN 933
6	50165600	1	1	6,5 X 14    DIN 6904 A3C
7	50348300	1	1	
8	50348100	1	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	03944600	1	1	
16	03946800	1	1	
17	50081200	4	4	A 6          DIN 137
18	50170600	4	4	M 6 X 20    DIN 912
19	01172700	1	1	
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	
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	01422600	1	1	
38	01434600	1	1	

**A 05**

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

Tafel Nr.  
Tabl. No.  
Tavola N.  
**25**

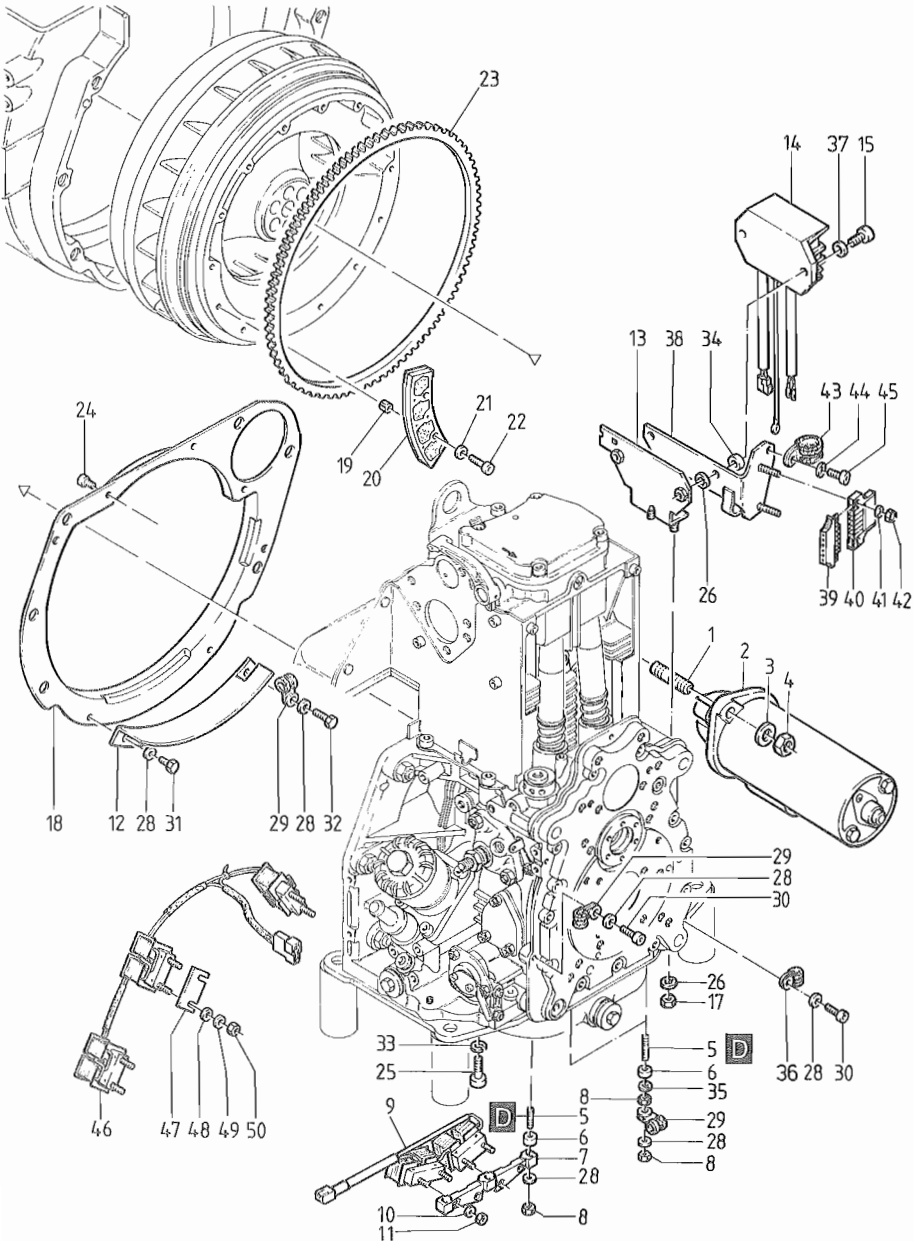


Fig.- No.	HATZ Ident-No.	Stück Qty.				P / W d / D	Bemerkungen Notes
		1D20	1D30	1D60	1D80		
		1D40					
1	50365000	2	2	2	2		M 12 X 50 DIN 938-8.8 A3C f. Taf., Tab. 29, Pos. 9
1	50364900	2	2	2	2		M 12 X 40 DIN 938-8.8 A3C f. Taf., Tab. 13, Pos. 19
2	50353510	1	1	-	-		12 V - 1,6 KW
2	50382200	1	1	-	-		24 V - 1,6 KW
2	50353410	-	-	1	1		12 V - 1,5 KW
2	50385000	-	-	1	1		12 V - 1,5 KW T-U
2	50385300	-	-	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	14	14		5 X 10 DIN 7346
20	04031600	6	6	-	-		
20	04020401	-	-	7	7		
21	50147200	12	12	14	14		4,3 DIN 125-St A3C
22	50327300	12	12	14	14		
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

**A 05** Starter, Generator  
 Starter, alternator  
 Demarreur, alternateur  
 Arrancador, alternador  
 Motorino avviamento, alternatore

Tafel Nr.  
 Tabl. No.  
 Tavola N.  
**25**

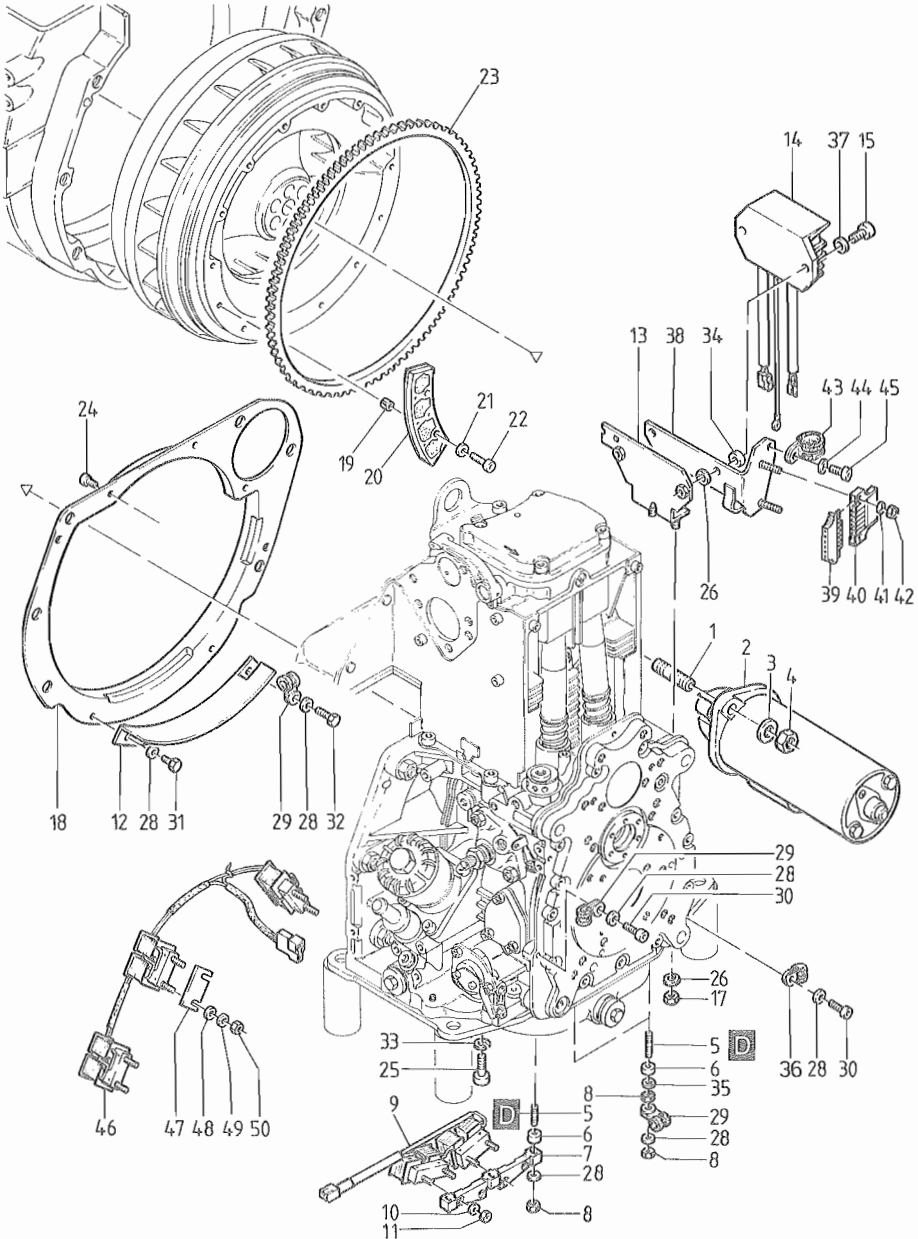


Fig.- No.	HATZ Ident-No.	Stück Qty.				P / W d / D	Bemerkungen Notes
		1D20	1D30	1D60	1D80		
		1D40					
24	50050400	3	3	3	3	M 6 X 8	DIN 6912-8.8
25	50114400	-	-	1	1	M 8 X 25	DIN 6912-8.8
26	50179900	2	2	4	4	J 8,4	DIN 6797 A3C
27	-----	-	-	-	-		
28	50144500	4	4	10	10	6,4	DIN 125-St A3C
29	50173500	4	4	5	5	10 / 15	
30	50170700	-	-	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	50170900	-	-	3	3	6	DIN 128 A3C
36	50158400	-	-	1	1	14/15	
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  
Boîtier de bord  
Cuadro de mando  
Cruscotto

Tafel Nr.  
Tabl. No.  
Tavola N.  
**26**

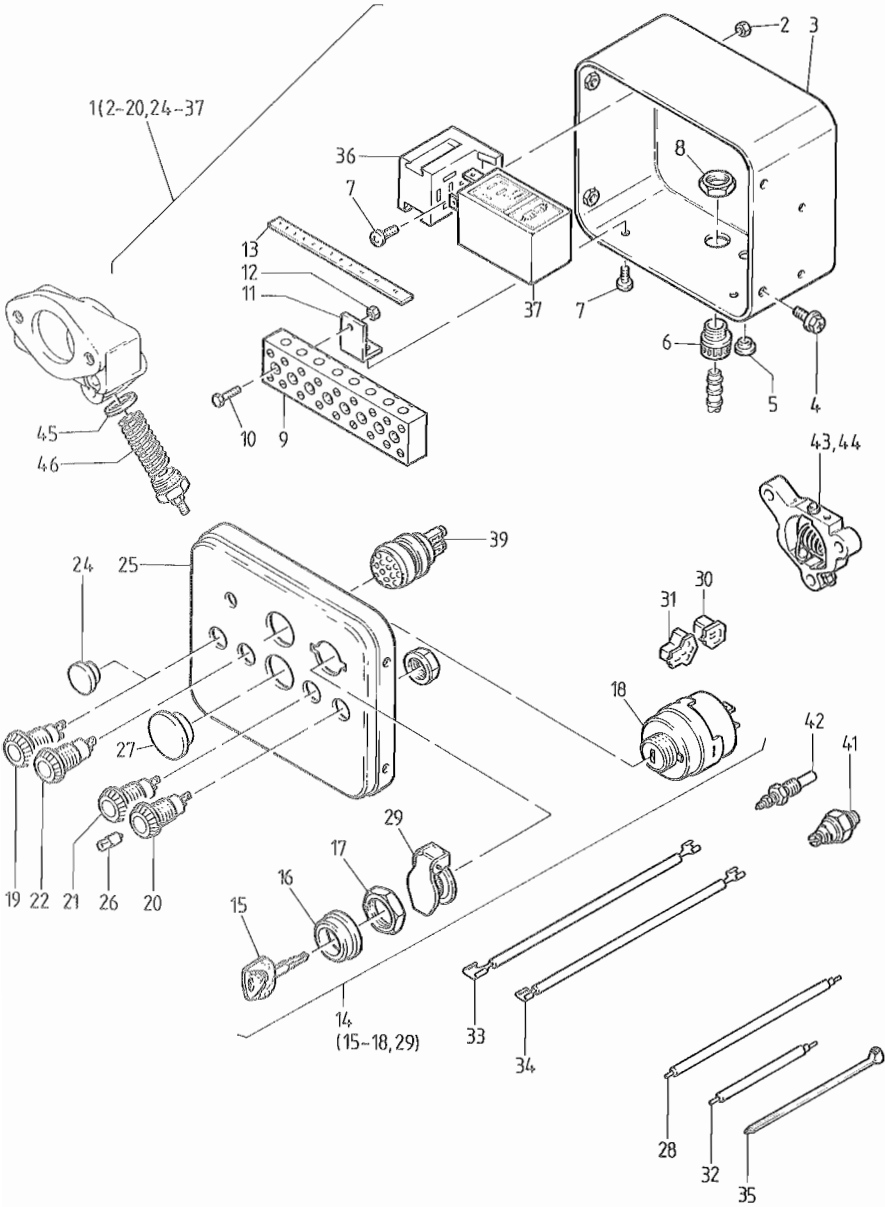


Fig.- No.	HATZ Ident-No.	Stück Qty.				P / W d / D	Bemerkungen Notes
		1D20	1D30	1D60	1D80 1D40		
1	01407000	1	1	1	1		12 V
2	40028200	1	1	1	1		
3	00716311	1	1	1	1		
4	50289200	4	4	4	4		M 6 X 12 KZ1 8.8 A3D
5	50160800	1	1	1	1		
6	50159010	1	1	1	1		
7	50049300	3	3	3	3		M 5 X 10 DIN 7985-4.8 A3R
8	50159100	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	03886200	1	1	1	1		
14	50276501	1	1	1	1		
15	50345300	1	1	1	1	P1	
16	-----	-	-	-	-		
17	-----	-	-	-	-		
18	-----	-	-	-	-		
19	50182400	1	1	1	1		FILTER
20	50176500	1	1	1	1		BATT.
21	50176600	1	1	1	1		OIL
22	50176400	1	1	1	1		TEMP.
23	-----	-	-	-	-		
24	40096000	2	2	2	2		F 17
25	03509211	1	1	1	1		
26	40009700	4	4	4	4		12 V - 2 W
27	40091400	2	2	2	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  
Boîtier de bord  
Cuadro de mando  
Cruscotto

Tafel Nr.  
Tabl. No.  
Tavola N.  
**26**

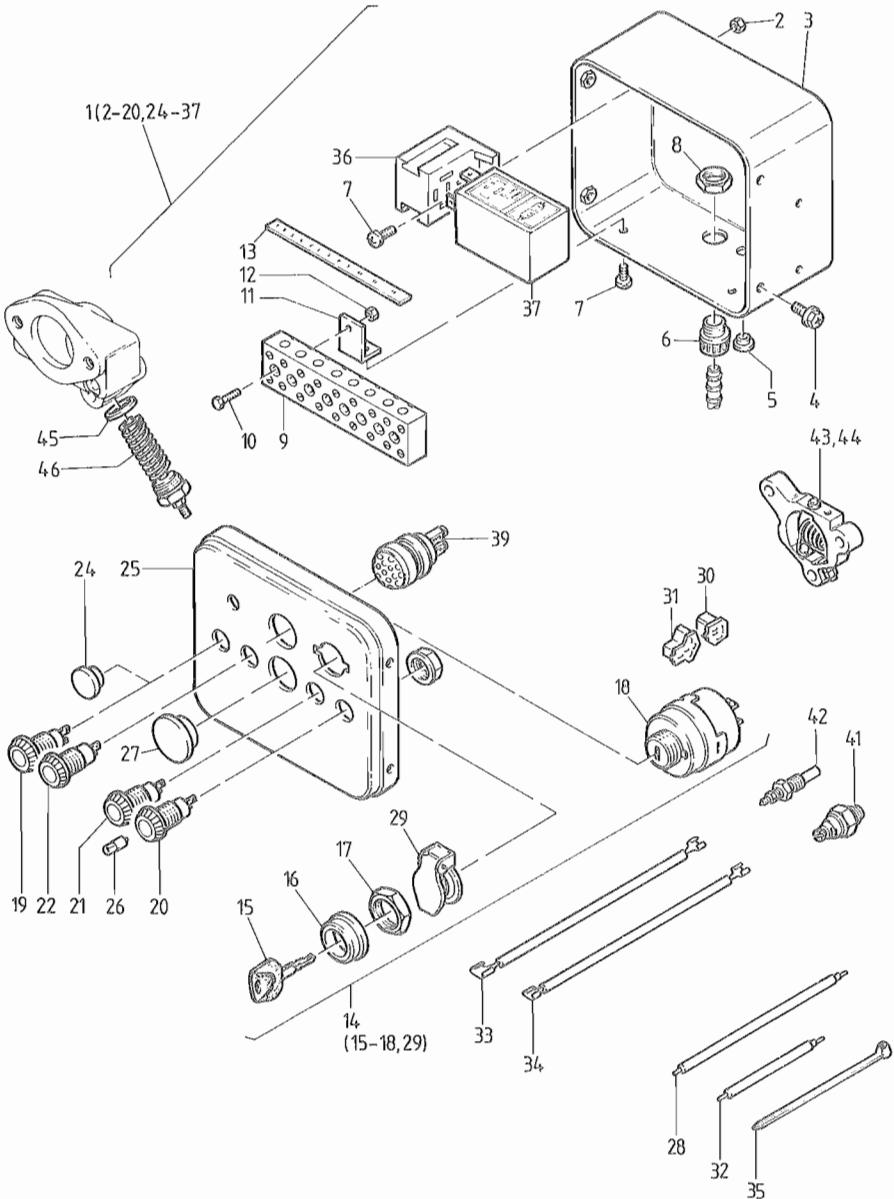


Fig.- No.	HATZ Ident-No.	Stück Qty.				P / W d / D	Bemerkungen Notes
		1D20	1D30	1D60	1D80 1D40		
36	50276000	1	1	1	1		
37	50275801	1	1	1	1		12 V HATZ MSR
38	-----	-	-	-	-		
39	40068600	1	1	1	1		12 - 24 V
40	-----	-	-	-	-		
41	50272200	1	1	1	1		OIL
42	50268600	1	1	1	1		TEMP.
43	01275500	-	-	1	1		12 V
44	01279100	-	-	1	1		24 V
45	50001600	-	-	1	1		A 22 X 27 DIN 7603 -Cu
46	50163900	-	-	1	1		12 - 24 V

**A 06** Motorfüße  
 Engine brackets  
 Pieds moteur  
 Soportes del mot.  
 Staffe supporto motore

Tafel Nr.  
 Tabl. No.  
 Tavola N.  
**27**

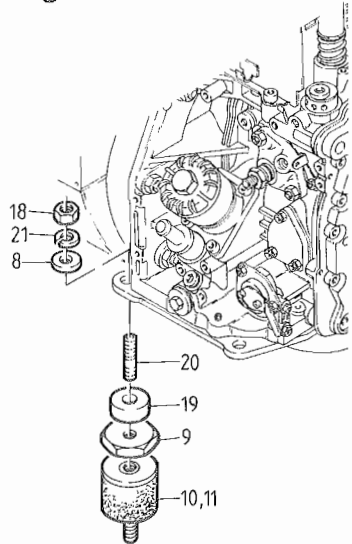
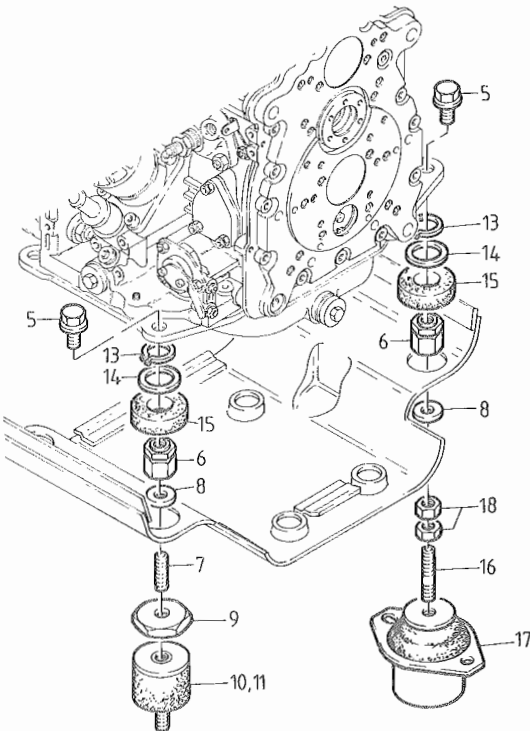
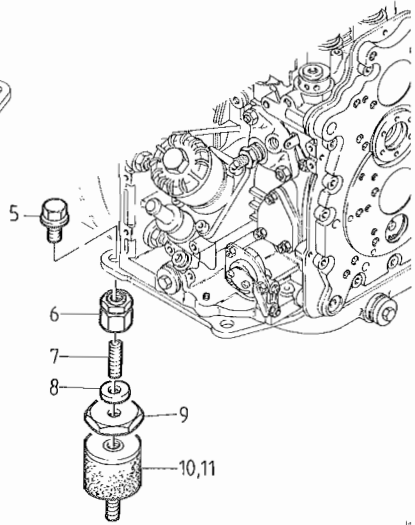
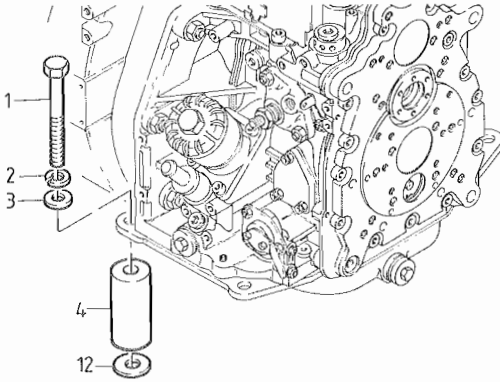


Fig.- No.	HATZ Ident-No.	Stück Qty.	P / W d / D	Bemerkungen Notes
		1D60	1D80	
1	-----	4	4	M 10 X 10 DIN 933-
2	50127800	4	4	10 DIN 127 A3C
3	50070600	4	4	10,5 X 25,4 DIN 7349
4	03964600	4	4	13 X 36 X 77
5	50386600	4	4	M 10 X 20 A3C
6	03993700	4	4	M 10 X 27,5
7	03993500	4	4	M 10 X 30
8	50070600	4	4	10,5 X 25 X 4 DIN 7349 A3C
9	03993400	4	4	10,5 X 55 X 5
10	50386700	4	4	40 Shore
11	50368600	4	4	55 Shore
12	03999300	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	V 12 / 600
18	50145800	8	8	M 10 DIN 934 A3C
19	03995400	4	4	
20	50124800	4	4	M 10 X 40 DIN 939
21	50135600	4	4	10 DIN 127

Drehzahlverstellung einstellbar  
Speed control  
Réglage régime  
Ajuste de velocidad  
Comando acceleratore

Tafel Nr.  
Tabl. No.  
28

A 09

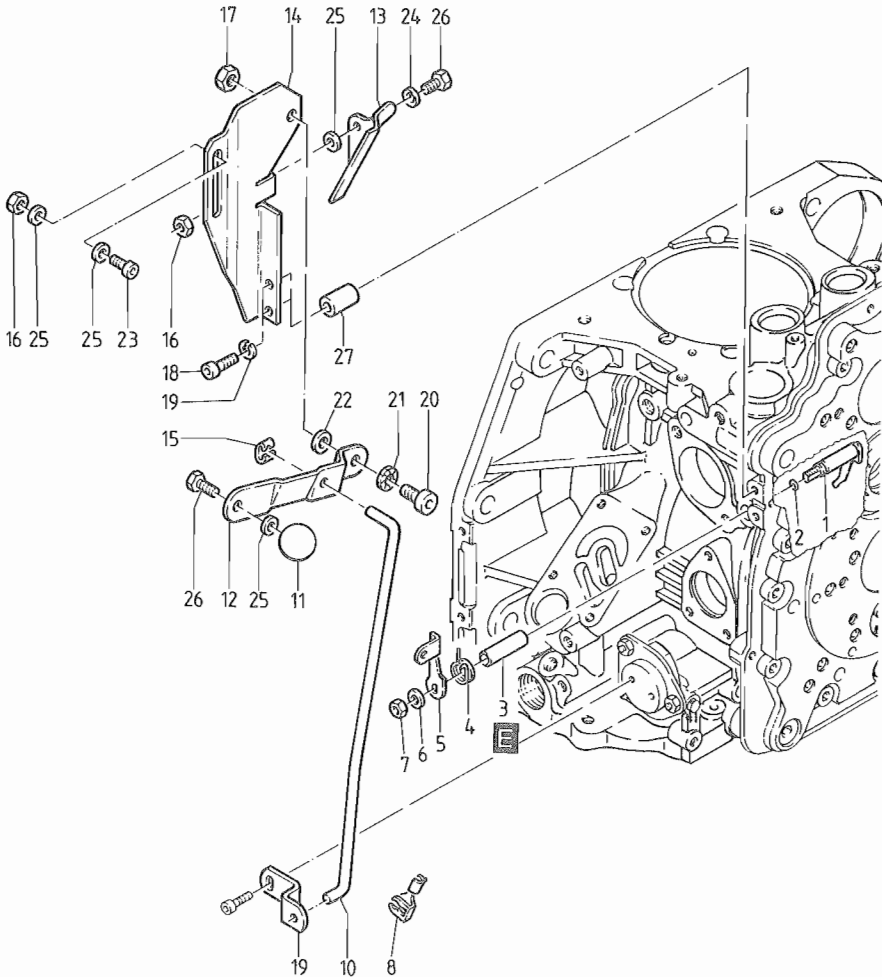


Fig.- No.	HATZ Ident-No.	Stück Qty.				P / W d / D	Bemerkungen Notes
		1D20	1D30 1D40	1D60	1D80		
1	01254600	1	1	1	1		
2	50343300	1	1	1	1		4,6 X 1,85
3	04021400	1	1	1	1		
4	04021800	1	1	1	1		
5	04021700	1	1	1	1		
6	50144500	1	1	1	1	6,4	DIN 125-St A3C
7	50328300	1	1	1	1	VM 6	DIN 980-8 A3C
8	50365500	1	1	1	1		
9	03914702	1	1	1	1		
10	03914601	1	1	1	1		
11	50195100	1	1	1	1		
12	03925200	1	1	1	1		
13	03942501	1	1	1	1		
14	03914502	1	1	1	1		
15	50365600	1	1	1	1		
16	50328300	2	2	2	2	VM 6	DIN 980-8 A3C
17	50223600	1	1	1	1	VM 8	
18	50374900	2	2	2	2	M 6 X 35	DIN 912-8.8 A3C
19	50170900	2	2	2	2	6	DIN 128 A3C
20	50134900	1	1	1	1	M 8 X 16	DIN 6912-8.8
21	50095100	1	1	1	1	A 8	DIN 137 A3C
22	50148100	1	1	1	1	8,4	DIN 125-St A3C
23	50149100	1	1	1	1	M 6 X 12	DIN 912-8.8 A3C
24	50081200	1	1	1	1	A6	DIN 137 A3C
25	50144500	4	4	4	4	6,4	DIN 125-St A3C
26	50149100	2	2	2	2	M 6 X 12	DIN 912-8.8 A3C
27	03488000	2	2	2	2	7 X 12 X 21	

A 15

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

Tafel Nr.  
Tabl. No.  
Tavoia N.

29

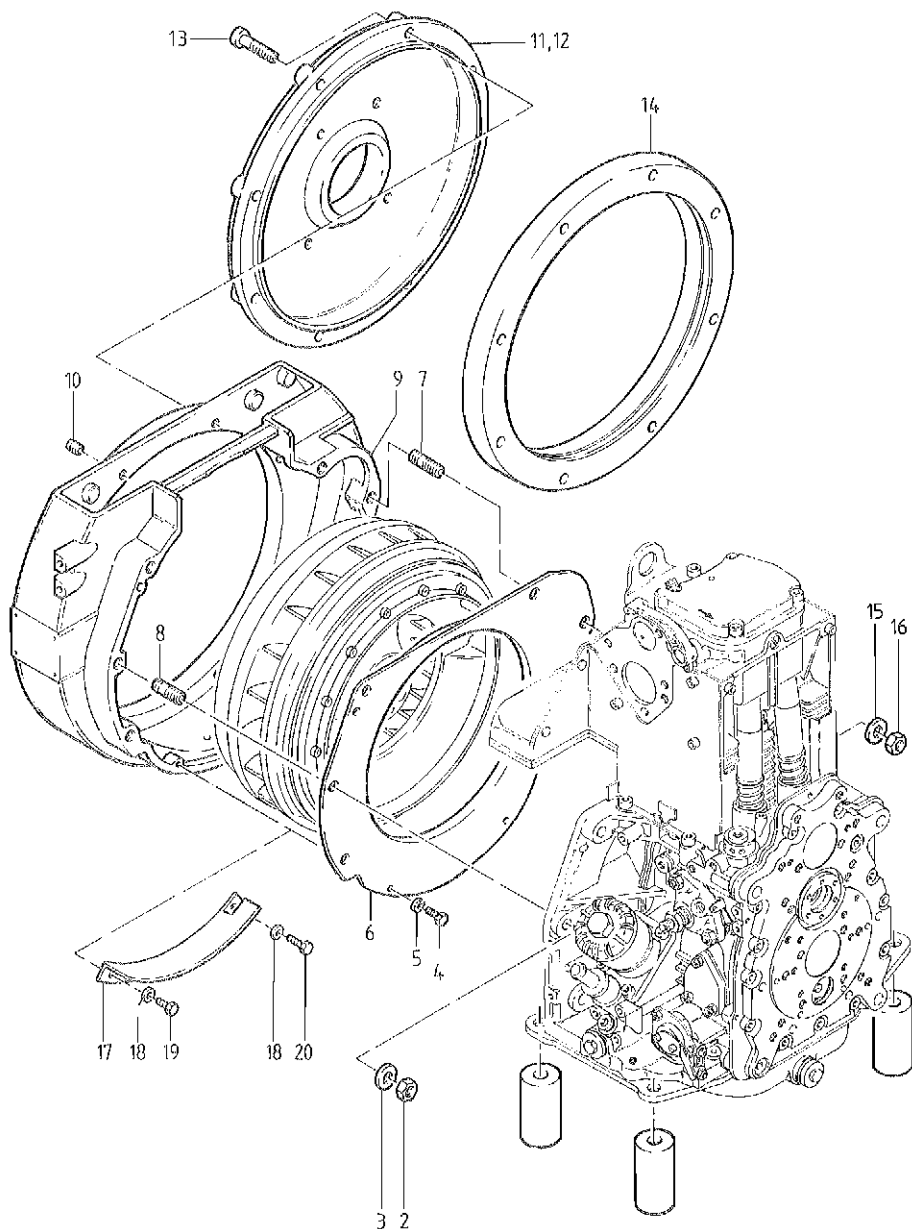


Fig.- No.	HATZ Ident-No.	Stück Qty.				P / W d / D	Bemerkungen Notes
		1D20	1D30	1D60	1D80		
		1D40					
1	-----	-	-	-	-		
2	50145800	4	4	-	-	M 10	DIN 934-8
2	50093600	-	-	4	4	M 12	DIN 934-8 A3C
3	50145900	4	4	-	-	10,5	DIN 125-St A3C
3	50093700	-	-	4	4	13	DIN 125-St A3C
4	50177100	2	2	2	2	M 6 X 16	DIN 933-8.8 A3C
5	50170900	2	2	2	2	6	DIN 128 A3C
6	04031100	1	1	-	-		
6	04008500	-	-	1	1		
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	04032610	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	03953400	-	-	1	1	SAE "B"	Ø 146,1
12	03953500	-	-	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		
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



**A 16**

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

Tafel Nr.  
Tabl. No.  
Tavola N.  
**30**

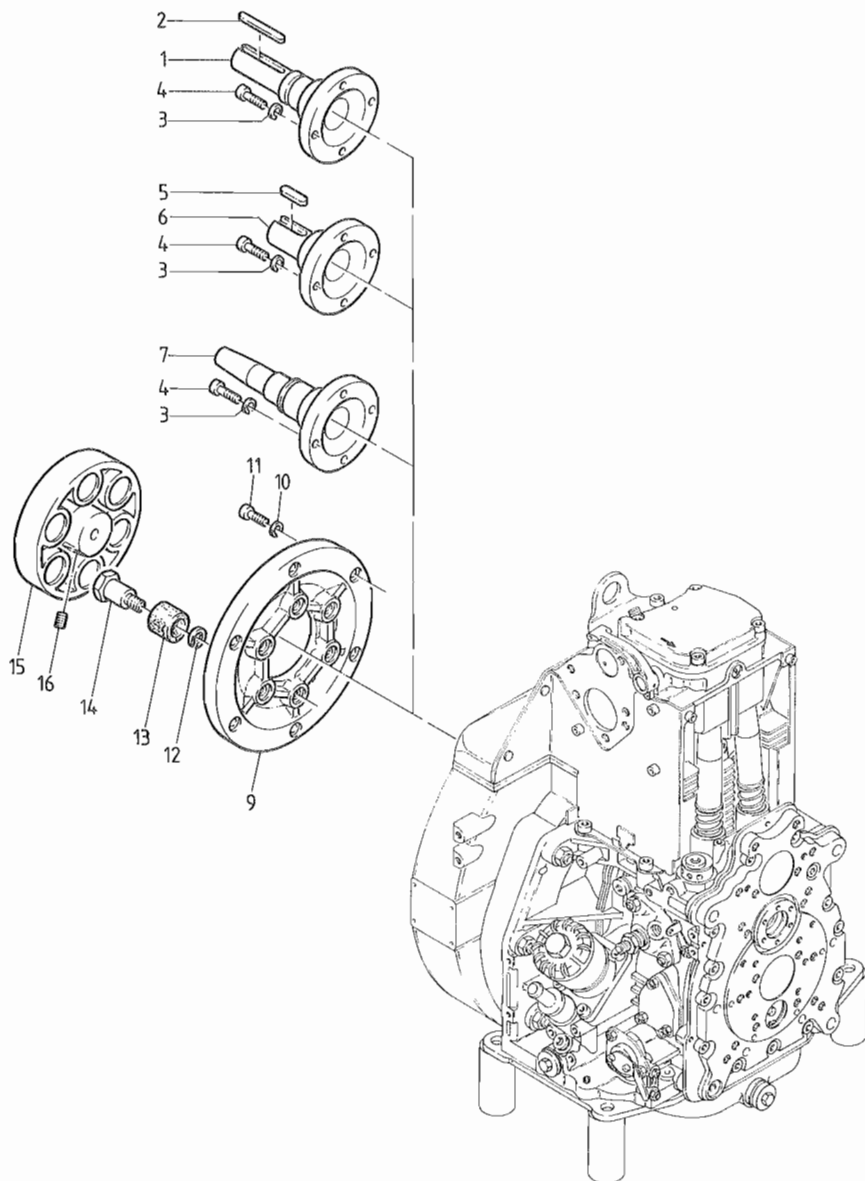


Fig.- No.	HATZ Ident-No.	Stück Qty.				P / W d / D	Bemerkungen Notes
		1D20	1D30	1D60	1D80		
			1D40				
1	03952000	1	1	1	1		2 - Ø 1"
2	03962700	1	1	1	1		A 6,35 X 63
3	50002800	4	4	4	4		8           DIN 128
4	50052100	4	4	4	4		M 8 X 25   DIN 912-8.8
5	50011500	1	1	1	1		A 8 X 7 X 35 DIN 6885
6	03954300	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.  
**31**

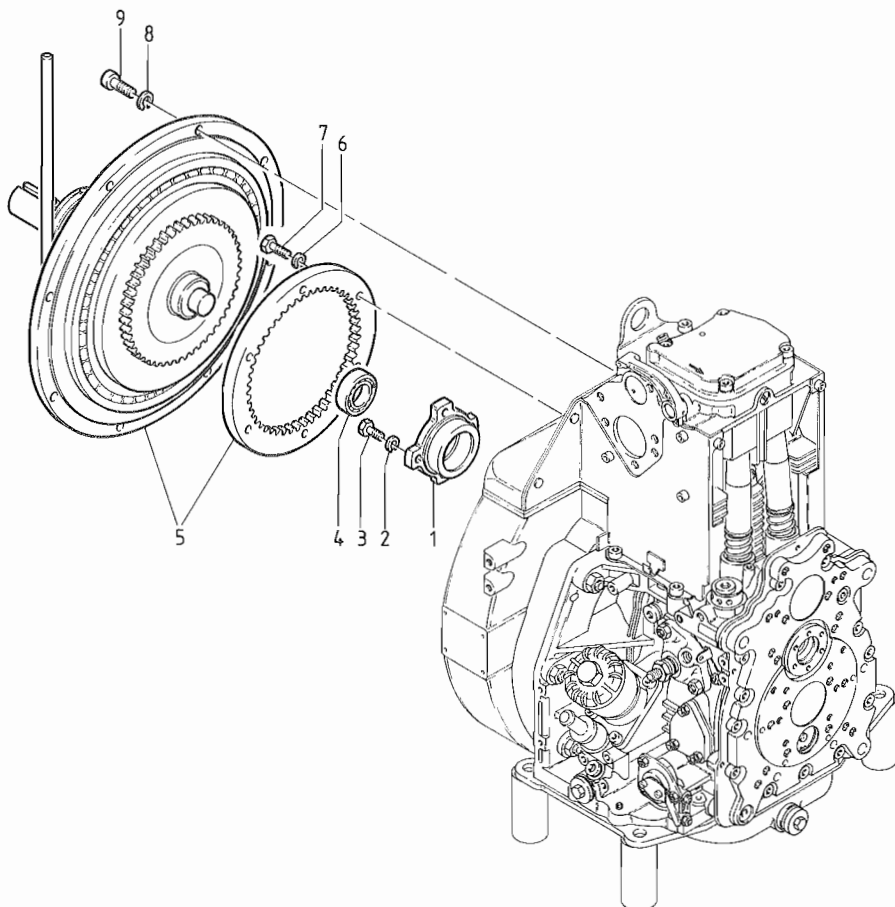


Fig.- No.	HATZ Ident-No.	Stück Qty.				P / W d / D	Bemerkungen Notes
		1D20	1D30	1D60	1D80		
			1D40				
1	03961200	-	-	1	1		
2	50002800	-	-	4	4	8	DIN 128
3	50026800	-	-	4	4	M 8 X 20	DIN 933-8.8
4	50014100	-	-	1	1		DIN 625 6205 2 RS
5	50349300	-	-	1	1		
6	50002800	-	-	6	6	8	DIN 128
7	50027000	-	-	6	6	M 8 X 25	DIN 933-8.8
8	50135600	-	-	8	8	10	DIN 128 A3C
9	50055200	-	-	8	8	M 10 X 60	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.  
**32**

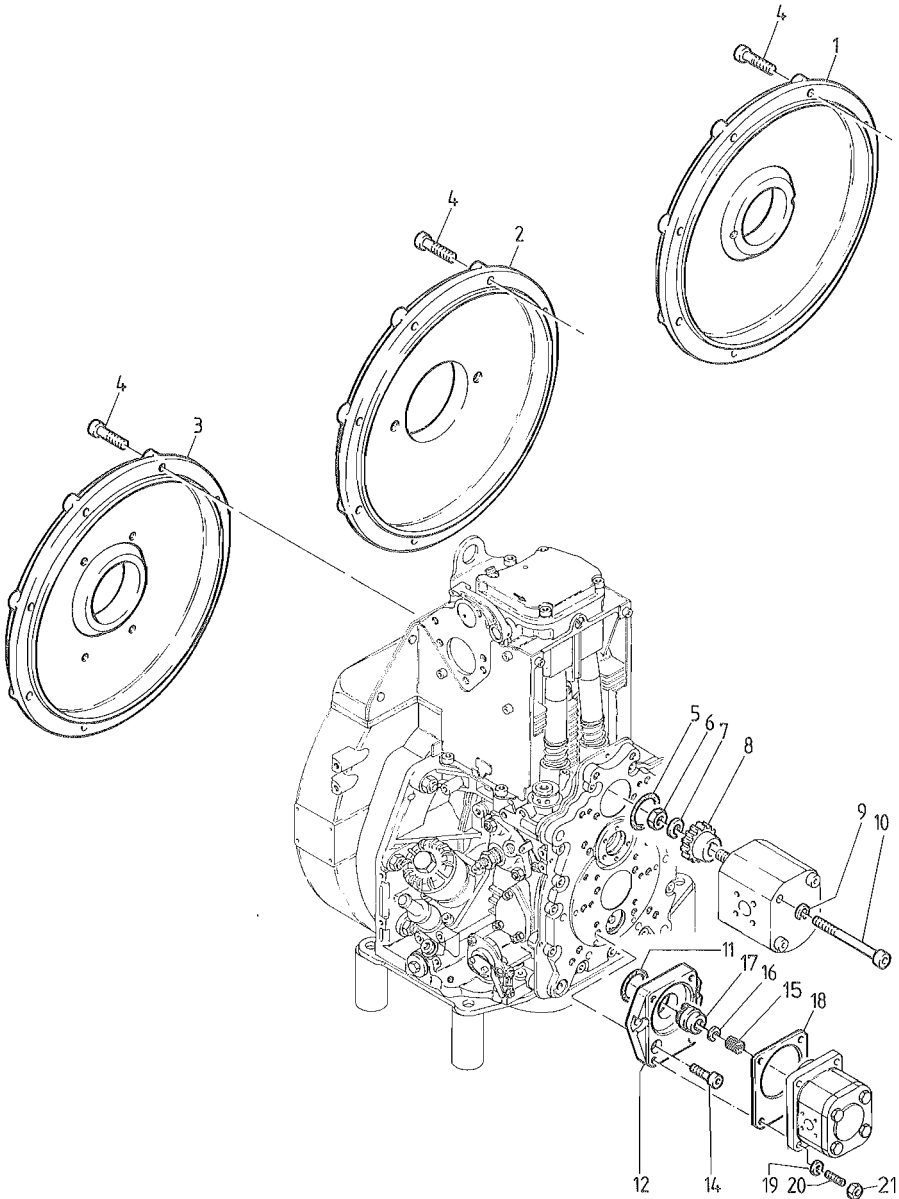


Fig.- No.	HATZ Ident-No.	Stück Qty.				P / W d / D	Bemerkungen Notes
		1D20	1D30	1D60	1D80		
		1D40					
1	03976300	1	1	-	-	SAE "A" 82,55	
1	03953800	-	-	1	1	SAE "A" 82,55	
2	03976200	1	1	-	-	SAE "B" 101,6	
2	03953600	-	-	1	1	SAE "B" 101,6	
3	03976700	1	1	-	-	BOSCH 80	
3	03953900	-	-	1	1	BOSCH 80	
4	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	04036001	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	







