



- Parts book
- Catalogue pièces détachées
- Ersatzteilliste fuer
- Catalogo parti di ricambio
- Libro de piezas repuesto

**KL70264**

103.07 (I)

CPSO REF :01534



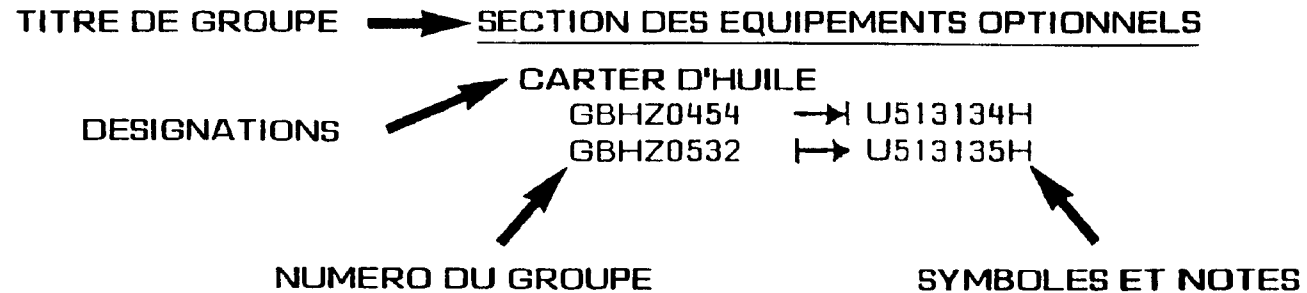


## 1. COMPOSITION DE LA LISTE MOTEUR

(i) EXEMPLE

<u>SECTION DES EQUIPEMENT DE BASE</u>	No. DE PAGE.	<u>SECTION DES EQUIPEMENTS OPTIONNELS</u>	No. DE PAGE.	<u>SECTION DES EQUIPEMENTS ACCESSOIRES</u>	No. DE PAGE.
BLOC-CYLINDRES ACHZ0020	1	EQUIPEMENT D'INJECTION (DIESEL) AFHZ0640	22	SUPPORTS (AV.ET AR.) ZCHZ0250	65
VILEBREQUIN PISTONS ET BIELLES ACHZ0020	4	DEMARREUR EDHZ0208	27	CONTRACTEUR CHAUFFAGE/DEMARRAGE ZEHZ0408	66
CULASSE ACHZ0020	7	CARTER D'HUILE GBHZ0454 → U513134H GBHZ0532 ⇨ U513135H	28 31	MANOMETRE TEMPERATURE TRANSMETTEUR ZLHZ0064	68

### (ii) EXPLICATIONS

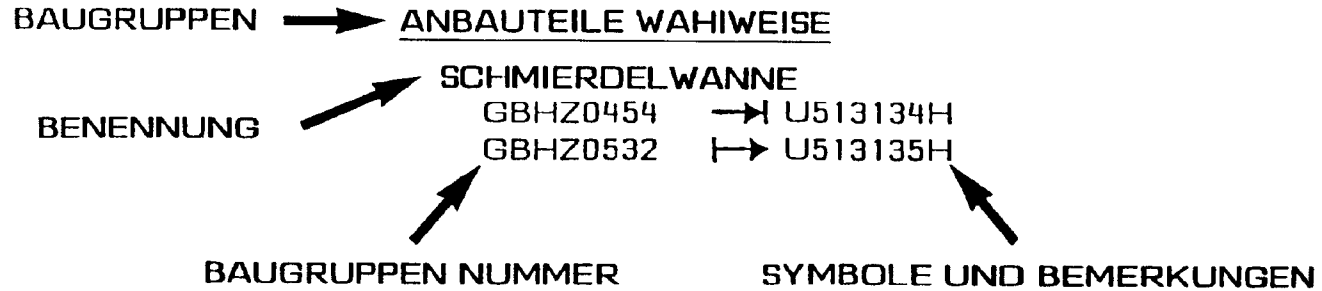


## 1. BAUGRUPPENVERZEICHNIS

(i) BEISPIEL

<u>GRUNDMOTOR</u>	<u>SEITENNUMMER.</u>	<u>ANBAUTEILE WAHWEISE</u>	<u>SEITENNUMMER.</u>	<u>ZUBEHOER</u>	<u>SEITENNUMMER.</u>
ZYLINDERBLOCK ACHZ0020	1	EINSPRITZANLAGE (DIESEL) AFHZ0640	22	MOTORENAUFHAENGUNGEN (VORNE UND HINTEN) ZCHZ0250	65
KURBELWELLE, KOLBEN UND PLEUEL ACHZ0020	4	ANLASSER EDHZ0208	27	GLUEH/ANLASSCHALTER ZEHZ0408	66
ZYLINDERKOPF ACHZ0020	7	SCHMIERDELWANNE GBHZ0454 → U513134H GBHZ0532 ⇨ U513135H	28 31	TEMPERATURANZEIGER UND - GEBER ZLHZ0064	68

## (ii) ERLAUTERLUNG



## I INDICE LISTA MOTORE

(i) ESEMPIO

<u>SEZIONE PARTI INTERNE</u>	NUMERO DI PAGINA	<u>SEZIONE PARTI A RICHIESTA</u>	NUMERO DI PAGINA	<u>SEZIONE ACCESSORI</u>	NUMERO DI PAGINA
<b>MONOBLOCCO</b>		<b>EQUIPAGGIAMENTO INIEZIONE NAFTA (DIESEL)</b>		<b>MONTAGGI (ANTERIORE E POSTERIORE)</b>	
ACHZ0020	1	AFHZ0604	22	ZCHZ0250	65
<b>ALBERO A MANOVELLA-BIELLE E PISTONI</b>		<b>MOTORING AVVIAMENTO</b>		<b>CANDELETTA/INTERRUTTORE D'AVVIAMENTO</b>	
ACHZ0020	4	EDHZ0208	27	ZEHZ0408	66
<b>TESTATA</b>		<b>COPPA OLIO</b>		<b>BULBO E MANOMETRO TEMPERATURA</b>	
ACHZ0020	7	GBHZ0454 → U513134H	28	ZLHZ0064	68
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## (ii) SPIEGAZIONE





GENERAL INFORMATION / INFORMATION GENERALES / ALLGEMEINE HINWEISE /  
 INFORMAZIONE GENERALI / INFORMACION GENERAL

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- |   |              |
|---|--------------|
| 2. TEXT PART NUMBER REFERENCE LISTS             | (i) EXAMPLE  |
| 2. LISTES DES NUMEROS DE REFERENCE DES PIECES   | (i) EXEMPLE  |
| 2. BAUGRUPPENTEXTSEITE                          | (i) BEISPIEL |
| 2. ELENCO DEI PARTICOLARI DI RICAMBIO           | (i) ESEMPIO  |
| 2. LISTAS DE REFERENCIA DE LOS NUMEROS DE PIEZA | (i) EJEMPLO  |

A	B	C	D	E	F	G	G	G
1	*	41313807	1	→ U510681F	1	WATER PUMP	POMPE A EAU	WASSERPUMPE
1	*	41313811	1	→ U510682F	1	WATER PUMP	POMPA ACQUA	BOMBA DE AGUA
2			1	⇒ REF. 1	1	BODY	POMPE A EAU	WASSERPUMPE
3			1	⇒ REF. 25	1	SHAFT	POMPA ACQUA	BOMBA DE AGUA
4		2721A535	1	(A)	1	CIRCLIP	CORPS	KOERPER
							CORPO	CUERPO
							ARBRE	WELLE
							ALBERO	ARBOL
							SEGMENT D' ARRET	SICHERUNGSRING
							ANELLO D' ARRESTO	CIRCULITO

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**H**

(ii) EXPLANATION

- COL. A - ILLUSTRATION REFERENCE NUMBER
- \* B - AN ASTERISK INDICATES A CHANGE SINCE LAST PRINT
  - \* C - PART NUMBER
  - \* D - ITEM ALSO A COMPONENT OF AN ASSEMBLY. SEE ASSEMBLY ILLUSTRATION NUMBER INDICATED.
  - \* E - REMARKS (SEE SYMBOLS AND NOTES)
  - \* F - QUANTITY REQUIRED (SEE NOTE BELOW)
  - \* G - DESCRIPTION ENGLISH, FRENCH, GERMAN, ITALIAN AND SPANISH.
  - \* H - PAGE NUMBER

## (ii) EXPLICATIONS

- COL. A - NUMERO REPERE DE L'ILLUSTRATION
- B - UN ASTERISQUE INDIQUE UN CHANGEMENT DEPUIS LA DERNIERE EDITION
  - C - REFERENCE DE LA PIECE
  - D - PIECE COMPRISE DANS L'ENSEMBLE PORTANT LE NUMERO REPERE INDIQUE VOIR L'ILLUSTRATION D'ENSEMBLE
  - E - REMARQUES(VOIR SYMBOLES ET NOTES)
  - F - QUANTITE(VOIR NOTE CI-DESSOUS)
  - G - DESIGNATIONS - ANGLAIS, FRANCAIS, ALLEMAND, ITALIEN, ESPAGNOL
  - H - No. DE PAGE

## (ii) ERLAUTERLUNG

- SPALTE A - BILDNUMMER
- B - EIN STERN BEDEUTET AENDERUNG GEGENUEBER VORIGER AUSGABE
  - C - ERSATZTEILNUMMER
  - D - IM KOMPLETTEIL (BILDNUMMER) ENTHALTEN
  - E - ANMERKUNGEN (SIEHE SYMBOLE UND BEMERKUNGEN)
  - F - ERFORDERLICHE ANZAHL (SIEHE UNTEN)
  - G - BENENNUNG - ENGLISCH, FRANZOESISCH, DEUTSCH, ITALIENSCH UND SPANISH
  - H - SEITENNUMMER

## (ii) SPIEGAZIONE

- COL. A - NUMERO DI RIFERIMENTO DELL'ILLUSTRAZIONE
- B - UN ASTERISCO INDICA UNA VARIAZIONE RISPETTO ALL ULTIMA EMISSIONE
  - C - NUMERO DEL RICAMBIO
  - D - IL PARTICOLARE E'ANCHE COMPONENTE DI UN GRUPPO IL CUI NUMERO DI ILLUSTRAZIONE E'INDICATO IN QUESTA COLONNA
  - E - NOTE (VEDERE SIMBOLI E NOTE)
  - F - QUANTITA RICHIESTA (VEDERE NOTA A SEGUITO)
  - G - DESCRIZIONE - INGLESE, FRANCESE, TEDESCO, ITALIANO E SPAGNOLO
  - H - NUMERO DI PAGINA

## (ii) EXPLICACION

- COL. A - NO.DE REFERENCE DEL DIBUJO
- B - UN ASTERISCO UNA MODIFICACION DESDE LA ULTIMA EDICION
  - C - DESDE LA ULTIMA EDICION
  - D - PIEZA INCLUIDA EN UN CONJUNTO. VER EL DIBUJO DEL CONJUNTO
  - E - OBSERVACIONES (VER SIMBOLOS Y NOTAS)
  - F - CANTIDAD DESEADA (VER NOTA ABAJO)
  - G - DESIGNACION - INGLES, FRANCES, ALEMAN, ITALIANO Y ESPANOL
  - H - NO. DE PAGINA



A NUMERICAL INDEX CAN BE FOUND AT THE REAR OF THIS PARTS BOOK  
THE QUANTITY SHOWN IN COLOUMN 'F' IS THE QUANTITY REQUIRED FOR THE  
PARTICULAR APPLICATION THAT IS ILLUSTRATED. WHERE THESE PARTS ARE  
COMPONENTS OF AN ASSEMBLY, THIS REFERS TO THE QUANTITY IN ONE  
ASSEMBLY OR SUB-ASSEMBLY.

FOR PARTS SUCH AS SHIMS, WASHERS ETC., AN 'X' IN THE QUANTITY COLUMN  
MEANS "QUANTITY AS REQUIRED"

IF A SUITABLE SYMBOL IS NOT AVAILABLE, A FOOTNOTE ALPHA CHARACTER  
IN BRACKETS WILL BE INSERTED AGAINST THE APPROPRIATE PARTS.

ONLY THE FOOTNOTE(S) WHICH ARE APPLICABLE TO YOUR APPLICATION WILL  
BE SHOWN AT THE FOOT OF THE TEXT PAGE.

EXAMPLE:-

CRANKSHAFT, PISTONS AND RODS - PLATE A  
PACK ACHT 9999

1 - XXXXX 1 CRANKSHAFT KIT

2 1 CRANKSHAFT (G)

A - PRE FINISHED

D - UN TOPPED

G - ORDER ASSEMBLY

} NOTES: B - C - E - F  
ARE NOT REQUIRED  
FOR THIS APPLICATION

(iii) NOTES SPECIALES

UN INDEX NUMERIQUE DES NUMEROS DE PIECE SE TROUVE AU BOUT DE CE CATALOGUE

LA QUANTITE INDIQUEE DANS LA COLONNE 'F' EST CELLE NECESSAIRE  
A L' APPLICATION PARTICULIERE ILLUSTRÉE. LORSQUE LES PIECES SONT  
COMPOSANTES D'UN ENSEMBLE LA QUANTITE DONNEE CORRESPOND A UN  
SEUL ENSEMBLE OU SOUS ENSEMBLE.

POUR DES PIECES TELLES QUE CALES D'ESPASSEUR, RONDELLES, ETC.,  
UN "X" DANS LA COLONNE QUANTITE SIGNIFIE "SUIVANT BESOIN".

SI UN SYMBOLE CONVENABLE N'EST PAS DISPONIBLE, UN REPERE, CARACTERE  
ALPHABETIQUE ENTRE PARENTHESES, SERA MENTIONNE EN REGARD DE LA  
PIECE CONCERNEE.

A LA FIN DU CHAPITRE, SEULE UNE NOTE EN REGARD DU REPERE, SERA UTILISEE  
SI ELLE EST VALABLE POUR CETTE APPLICATION.

## EXEMPLE:

VILLEBREQUIN, PISTONS ET BIELLES - PLANCHE A

GROUPE ACHT 9999

1 - XXXXX 1 VILLEBREQUIN JEU

2            1 VILLEBREQUIN (G)

A - PRE-AJUSTE

D - A AJUSTER

G - COMMANDER L'ENSEMBLE

} NOTES: B - C - E - F  
 NE SONT PAS REQUISES  
 POUR CETTE APPLICATION

## (iii) BESONDERE HINWEISE:

EIN TEILENUMERISCHER INDEX IST AM ENDE DES ERSATZTEILKATALOGES ENTHALTEN DIE IN SPALTE 'F' ANGEGEBENE STUECKZAHL WIRD FUER DIE ABGEBILDETE AUFSFUEHRUNG BENOETIGT. SIND DISES TEILE BESTANDTEIL EINES KOMPLETTEILS, DANN IST DIE ANGEGEBENE MENGE FUER 1 KOMPLETTEIL ODER 1 UNTER-GRUPPE. FUER TEILE WIE SCHEIBEN, FEDERRINGE USW., BEDEUTET "X" IN DER MENGENSPALTE "STUECKZAHL NACH BEDARF".

IST KEIN GEGEBENER SCHLUESSELBUCHSTABE ZUTREFFEND, DANN ERSCHEINT EIN EINGEKLAMMERTER BUCHSTABE NEBEN DEM ZUTREFFENDEN TEIL.

NUR DIE FUSSNOTE (N) ZUTREFFEND FUER IHRE AUSFUEHRUNG ERSCHEINT UNTER DEM TEXT.

## EXAMPEL:

KURBELWELLE, KOLBEN UND PLEUESTANGEN - NEGATIV A

KASTEN ACHT 9999

1 - XXXXX 1 KURBELWELLE KOMPL.

1            1 KURBELWELLE NACKT (G)

A - PASSEFERTIG

D - NICHT PASSFERTIG

G - KOMPL. BESTELLEN

} HINWEIS: B - C - E - F  
 NICHT FUER DIESE  
 AUSFUEHR. BENOETIGT.

## (iii) NOTE AGGIUNTIVE

UN INDICE NUMERICO DI PARTICOLARI SI TROVA ALLA PARTE POSTERIORE DI QUESTO CAT. LA QUANTITA INDICATA NELLA COLLONNA 'F' CORRISPONDE ALLA QUANTITA' RICHIESTA PER LA PARTICOLARE APPLICAZIONE ILLUSTRATA. QUALORA LA PARTE SIA COMPONENTE DI UN GRUPPO. LA QUANTITA' INDICATA SI RIFERISCE ALLA QUANTITA' CONTENUTA NEL GRUPPO.

PER PARTICOLARI COME SPESSORI, RONDELLE, ECC. UNA "X" NELLA COLONNA DELLA QUANTITA' STA AD INDICARE "QUANTITA' RICHIESTA".

SE NON E' DISPONIBILE UN SIMBOLO APPROPRIATO, SARA' INSERITA UNA NOTA LETTERALE FRA PARENTESI VICINO ALLE PARTI RELATIVE. SOLO LE NOTE USATE CON LE VOSTRE APPLICAZIONI SARANNO MOSTRATE IN FONDO ALLA PAGINA DI TESTO.

**ESEMPIO:**

ALBERO MOTORE. PISTONI E BIELLE - TAVOLA A  
GRUPPO ACHT 9999  
1 - XXXXX            1 GRUPPO ALBERO MOTORE  
2 -                    1 ALBERO MOTORE (G)

A - FINITE	}	LE NOTE B - C - E - F
D - SEMILAVORATE		NON SONO RICHIESTE
G - ORDINARE IL COMPLESSIVO		IN QUESTA APPLICAZIONE

**(iii) NOTAS ESPECIALES:-**

UN INDICE NUMERICO DE LOS NOS. DE PIEZA SE ENCUENTRA AL FIN DE ESTE CATALOGO LA CANTIDAD INDICADA EN LA COLUMNA 'F' ES LA CANTIDAD NECESARIA PARA LA APLICACION ESPECIAL ILUSTRADA CUANDO ESTAS PIEZAS SE INCLUYEN EN UN CONJUNTO ESTO SIGNIFICA LA CANTIDAD EN UN SOLO CONJUNTO O SUB-CONJUNTO.

PARA LAS PIEZAS TALES COMO ESPACIADORES, ARANDELAS ETC. UNA "X" EN LA COLUMNA DE CANTIDADES SIGNIFICA "CANTIDAD SEGUN NECESARIO".

SI UN SIMBOLO ADECUADO NO ESTA DISPONIBLE UNA NOTA CON UNA LETRA ALFA ENTRE PARENTESIS SERA INSERTADO AL PIE DEL TEXTO AL LADO DE LAS PIEZAS


CORRESPONDIENTES. SOLO LA (S) NOTA (S) QUE CORRESPONDE (N) A SU APLICACION SE INDICARA (N) AL PIE DE LA PAGINA DEL TEXTO


**EJEMPLO:**


CIGUENAL PISTONES Y BIELAS PLACA A  
JUEGO ACHT 9999  
1 - XXXXX            1 JUEFO DE CIGUENAL  
2                      1 CIGUENAL (G)


A - USINADO	}	NOTAS B - C - E - F
D - NO USINADO		NO SE NECESITAN PARA
G - PEDIR EL CONJUNTO		ESTA APLICACION


SYMBOLS AND NOTES  
 SYMBOLES ET NOTES  
 SYMBOLE UND BEMERKUNGEN  
 SYMBOLI E NOTE  
 SIMBOLOS Y NOTAS

 FROM ENGINE NUMBER  
 A PARTIR DU NUMERO DE SERIE DU NUMERO DE  
 MOTEUR  
 AB SERIEN - ODER MOTOR - NUMMER  
 DALLA MATR. O NUMERO DI MOTORE  
 A PARTIR DEL NUMERO DE SERIE O NUMERO DE  
 MOTOR


 UP TO ENGINE NUMBER  
 JUSQU'AU NUMERO DE SERIE DU NUMERO DE MOTEUR  
 BIS SIRIEN - ODER MOTOR - NUMMER  
 FINO ALLA MATR. O NUMERO DI MOTRE  
 HASTA NUMERO DE SERIE O NUMERO DE MOTOR


 REPAIRS AND REPLACES  
 REMPLACE ET RECHANGE  
 ERSETZT  
 SOSITUISCE  
 REEMPLAZA Y SUSTITUYE


 SEE APPROPRIATE SECTION - REFERENCE NUMBER  
 VOIR PAGE - NUMERO DE REFERENCE  
 SIEHE SEITE - POSITIONSNUMMER  
 VEDERE PAGINA - RIFERIMENTO NUMERO  
 VER PAGINA - NUMERO DE REFERENCIA

 ALTERNATIVE  
 ALTERNATIVE  
 WAHLWEISE  
 ALTERNATIVA  
 ALTERNATIVO

 ORDER  
 COMMANDER  
 BESTELLE  
 ORDINARE  
 PEDIR

 GERMANY ONLY  
 POUR ALLEMAGNE SEULEMENT OU EN ALLEMAND  
 NUR FUER DEUTSCHLAND ODER TEXT NUR IN  
 DEUTSCH  
 SOLO PER GERMANIA O TESTO SOLO IN TEDESCO  
 PARA ALEMANIA SOLAMENTE O EN ALEMAN  
 SOLAMENTE

 FRANCE ONLY  
 POUR FRANCE SEULEMENT OU EN FRANCAIS  
 NUR FUER FRANKREICH ODER TEXT NUR IN  
 FRANZOESISCH  
 SOLO PER FRANCIA O TESTO SOLO IN FRANCESE  
 PARA FRANCIA SOLAMENTE O EN FRANCES  
 SOLAMENTE

 ITALY ONLY  
 POUR ITALIE SEULEMENT OU EN ITALIEN  
 NUR FUER ITALIEN ODER TEXT NUR IN ITALIENISCH  
 SOLO PER ITALIA O TESTO SOLO IN ITALIANO  
 PARA ITALIA SOLAMENTE O EN ITALIANO SOLAMENTE

SYMBOLS AND NOTES  
 SYMBOLES ET NOTES  
 SYMBOLE UND BEMERKUNGEN  
 SIMBOLI E NOTE  
 SIMBOLOS Y NOTAS



U.K. ONLY  
 POUR ROYAUME UNI SEULEMENT OU EN ANGLAIS  
 NUR FUER ENGLAND ODER TEXT NUR IN ENGLISCH  
 SOLO PER U.K. O TESTO SOLO IN INGLESE  
 PARA INGLATERRA SOLAMENTE O EN INGLES SOLAMENTE



THICKNESS  
 EPAISSEUR  
 STAERKE  
 SPESSORE  
 ESPERAR



WITHOUT OR NOT  
 SANS OU PAS POUR  
 OHNE ODER NICHT FUER  
 SENZA O NON PER  
 SON O NO PARA

FOR EXAMPLE  
 EXAMPLE:  
 BEISPIEL:  
 ESEMPIO:  
 EJEMPLO:



NOT FOR GERMANY  
 PAS POUR ALLEMAGNE  
 NICHT FUER DEUTSCHLAND  
 NON PER GERMANIA  
 NO PARA ALEMANIA



BOTTOM  
 FOND  
 BODEN  
 INFERIORE  
 FONDO



TOP  
 COUVERCLE  
 OBEN  
 SUPERIORE  
 PARTE SUPERIOR



LEFT HAND  
 GAUCHE  
 LINKS  
 MANO SINISTRA  
 IZQUIERDA



RIGHT HAND  
 DROITE  
 RECHTS  
 MANO DESTRA  
 DERECHA

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**ANBAUTEILE WAHIWEISE**

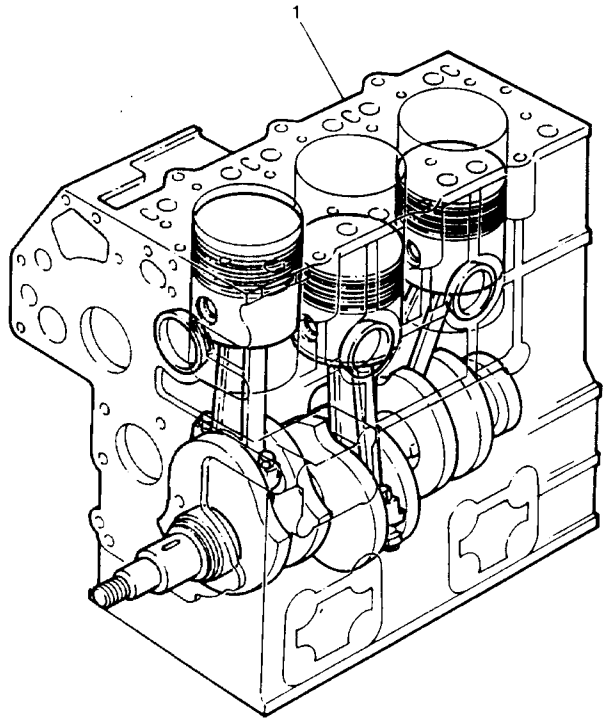
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<b>DREHSTROM-WECHSELSTROM-LICHTMASCHINE</b> NDHK1766	28
<b>ZAHNRADANGETRIEBENE NEBENAGGREGATE-WAHLWEISE</b> QDHK0880	30
<b>AUSPUFFKRUEMMER</b> UBHK0350	31
<b>KRAFTSTOFF-NIEDERDRUCKANLAGE</b> VBHK1399	32
<b>KALTSTARTANLAGE</b> WDHK0197	35
<b>MOTORHEBEOESEN</b> XBHK0308	36

**ZUBEHOER**

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<b>GAS-UND ABSTELLHEBERL</b> ZAHK0519	37
<b>OELDRUCKSCHALTER UND OELDRUCKMANOMETER</b> ZJHK0404	38
<b>TEMPERATURANZEIGER UND-GEBER</b> ZLHK0180	39
<b>WASSERKUEHLER UND LEITBLECH</b> ZMHK0262	40
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<b>GERAETEZUBEHOER UND NEBENAGGREGATE</b> ZZHK0390	42
<b>DICHTRINGE UND DICHTUNGEN KOMPL.REP.-SATZ</b> SGBK0017	43



K9105 ACHK-001-A



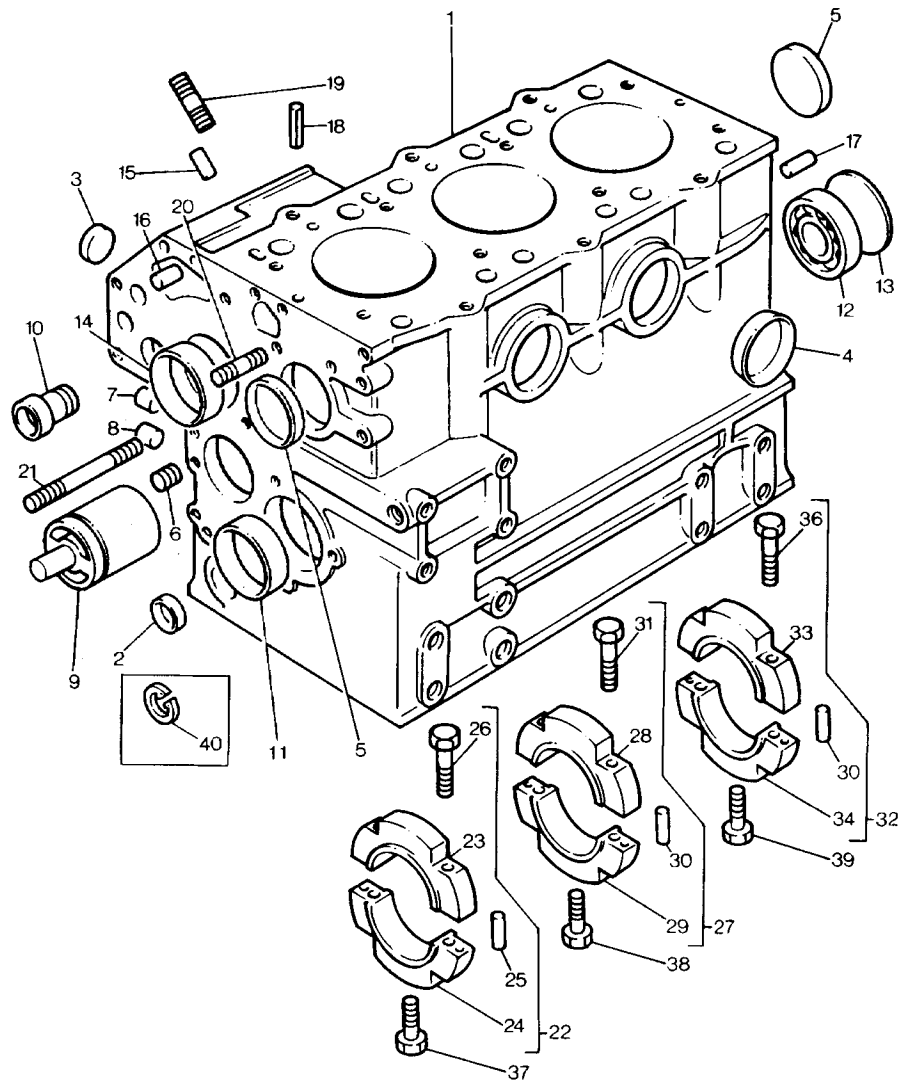
SHORT ENGINE  
MOTEUR EMBIELLE  
RUMPF MOTOR  
MOTORE ALLEGGERITO  
MOTOR EMBIELADO

PLATE A  
PLAQUE A  
PLATTE A  
PIASTRA A  
PLACA A

ACEK6670

1	110006670	1	Short engine	Bloque embielado Rumpfmotor	Bloc embielle Motore allegger.
---	-----------	---	--------------	--------------------------------	-----------------------------------

K9111 ACHK - 002 - A



CYLINDER BLOCK  
BLOC-CYLINDRES  
ZYLINDERBLOCK  
MONOBLOCCO  
BLOQUE-CYLINDROS

PLATE A  
PLAQUE A  
PLATTE A  
PIASTRA A  
PLACA A

ACHK0059

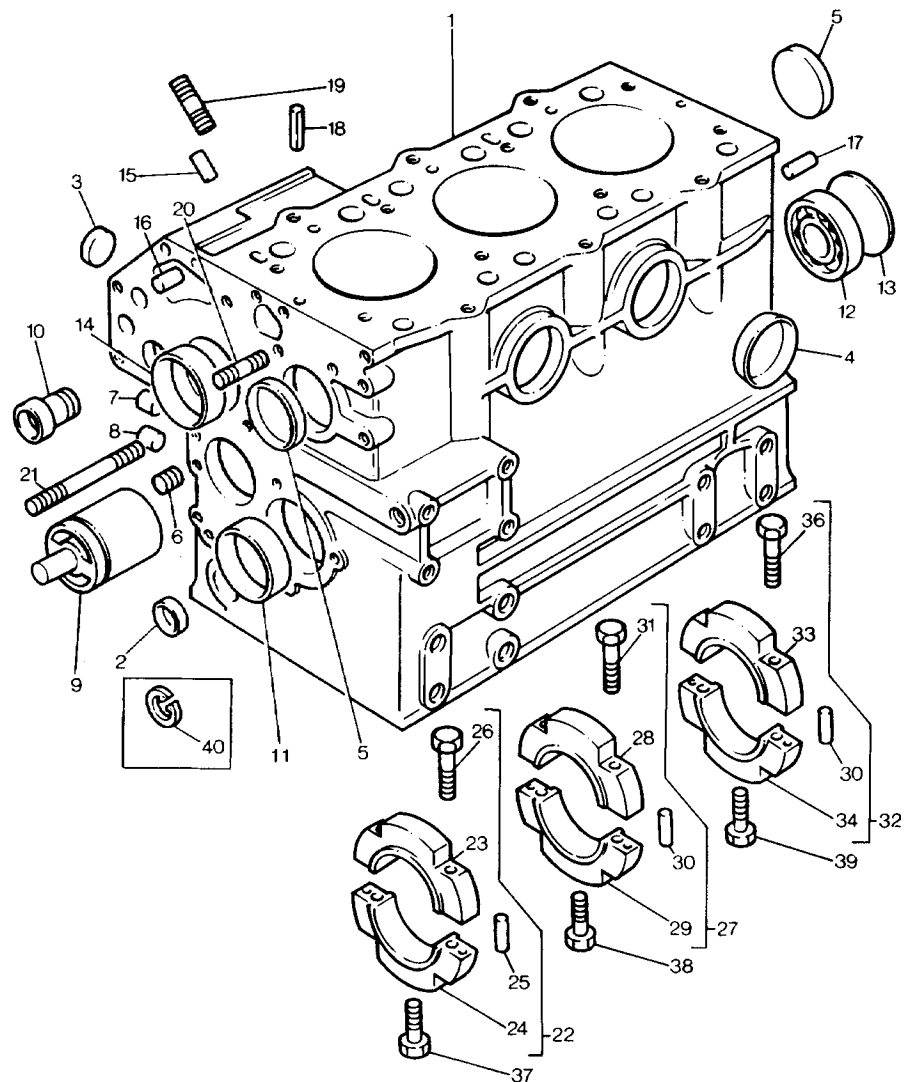
1	110186150	1	Kit,cyl.block	Jgo.bloque cil. Zyl.blocksatz	Jeu bloc cylindr Kit,monoblocco
2	064200015	1	Plug	Tapon Verschl.stopfen	Bouchon Tappo
4	064200040	1	Plug	Tapon Verschl.stopfen	Bouchon Tappo
5	064200040	1	Plug	Tapon Verschl.stopfen	Bouchon Tappo
6	198466050	1	Plug	Tapon Verschl.stopfen	Bouchon Tappo
7	198466010	1	Plug	Tapon Verschl.stopfen	Bouchon Tappo
8	198466070	1	Plug	Tapon Verschl.stopfen	Bouchon Tappo
9	165296160	1	Shaft	Arbol Welle	Arbre Albero
10	198517090	1	Bush	Casquillo Buchse	Bague Boccola
11	198517300	1	Bush	Casquillo Buchse	Bague Boccola
11	198517304	∓ (-)0.25MM	X Bush	Casquillo Buchse	Bague Boccola
11	198517307	∓ (-)0.50MM	X Bush	Casquillo Buchse	Bague Boccola
12	040106203	1	Bearing ball	Cojinete de bola Kugellager	Roulement billes Cuscinetto sfera
13	064100045	1	Plug	Tapon Verschl.stopfen	Bouchon Tappo
14	042303015	1	Bush	Casquillo Buchse	Bague Boccola
15	030500512	1	Dowel	Centraje Zylinderstift	Plot Spina
16	030500616	1	Dowel	Centraje Zylinderstift	Plot Spina
17	030500820	1	Dowel	Centraje Zylinderstift	Plot Spina
18	030309005	1	Pin	Pasador Bolzen	Goupille Perno
19	012100620	1	Stud	Esparrago Stehbolzen	Goujon Prigioniero
20	012100635	1	Stud	Esparrago Stehbolzen	Goujon Prigioniero
21	012100660	1	Stud	Esparrago Stehbolzen	Goujon Prigioniero
22	110156220	1	Holder	Sujetador Halter	Piece support Supporto di base
23	22 → REF.22	1	Cap	Tapa Kappe	Chapeau Cappello

K9111 ACHK - 002 - A

CYLINDER BLOCK  
 BLOC-CYLINDRES  
 ZYLINDERBLOCK  
 MONOBLOCCO  
 BLOQUE-CYLINDROS

PLAQUE A  
 PLATTE A  
 PIASTRA A  
 PLACA A

ACHK0059

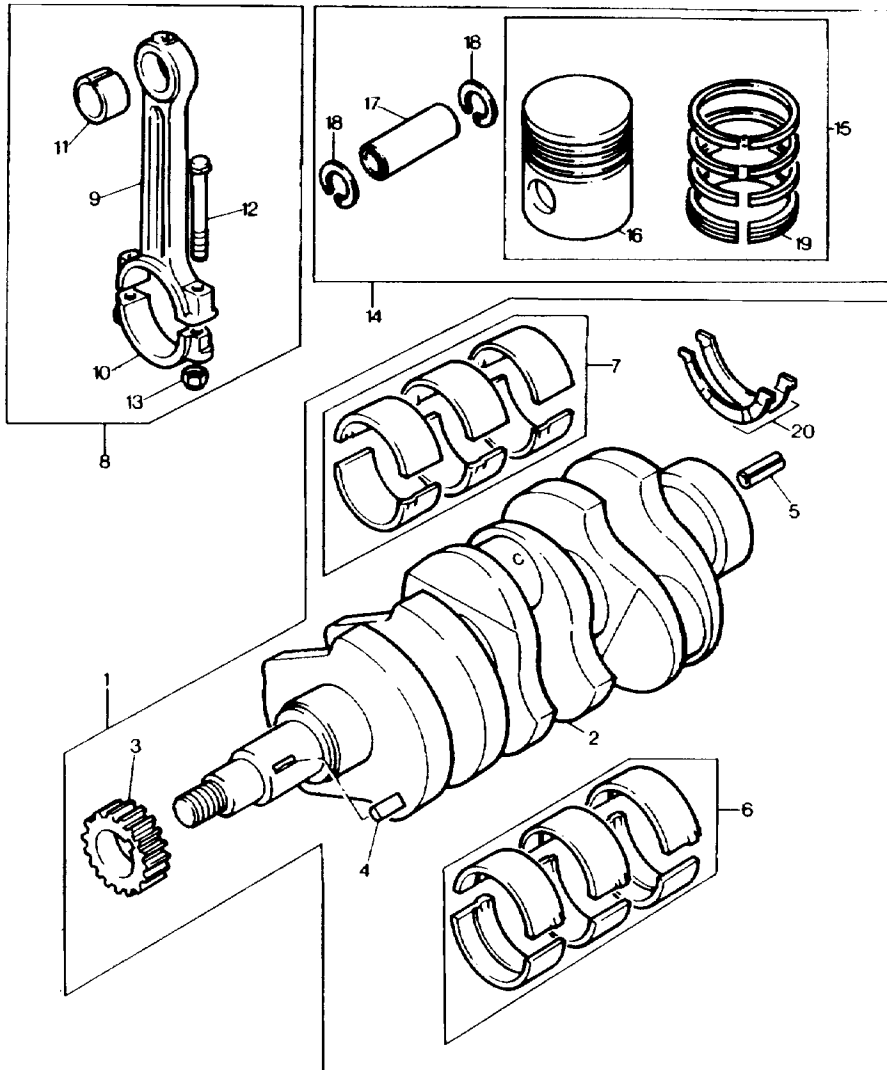


24	22	REF.22	1	Cap	Tapa	Chapeau
				Kappe	Cappello	
25	030500612	22	2	Dowel	Centraje	Plot
				Zylinderstift	Spina	
26	010810840	22	2	Screw	Tornillo	Vis
				Schraube	Vite	
27	110156230	1	1	Holder	Sujetador	Piece support
				Halter	Supporto di base	
28	27	REF.27	1	Cap	Tapa	Chapeau
				Kappe	Cappello	
29	27	REF.27	1	Cap	Tapa	Chapeau
				Kappe	Cappello	
30	030500612	27	2	Dowel	Centraje	Plot
				Zylinderstift	Spina	
31	010810840	27	2	Screw	Tornillo	Vis
				Schraube	Vite	
32	110156240	1	1	Holder	Sujetador	Piece support
				Halter	Supporto di base	
33	32	REF.32	1	Cap	Tapa	Chapeau
				Kappe	Cappello	
34	32	REF.32	1	Cap	Tapa	Chapeau
				Kappe	Cappello	
35	030500612	32	2	Dowel	Centraje	Plot
				Zylinderstift	Spina	
36	010810840	32	2	Screw	Tornillo	Vis
				Schraube	Vite	
37	011310850	1	1	Screw	Tornillo	Vis
				Schraube	Vite	
38	011310850	1	1	Screw	Tornillo	Vis
				Schraube	Vite	
39	010700845	1	2	Screw	Tornillo	Vis
				Schraube	Vite	
40	036509005	1	1	Circlip	Circlito	Segment d arret
				Sicherungsring	Anello d'arresto	
41	064200018	1	2	Plug	Tapon	Bouchon
				Verschl.stopfen	Tappo	

CRANKSHAFT, PISTONS AND CONNECTING RODS  
 VILEBREQUIN PISTONS ET BIELLES  
 KURBELWELLE, KOLBEN UND PLEUEL  
 ALBERO A MANOVELLA-BIELLE E PISTONI  
 CIGUENAL, PISTONES A BIELAS

PLATE B  
 PLAQUE B  
 PLATTE B  
 PIASTRA B  
 PLACA B

K9122 ACHK -003- B

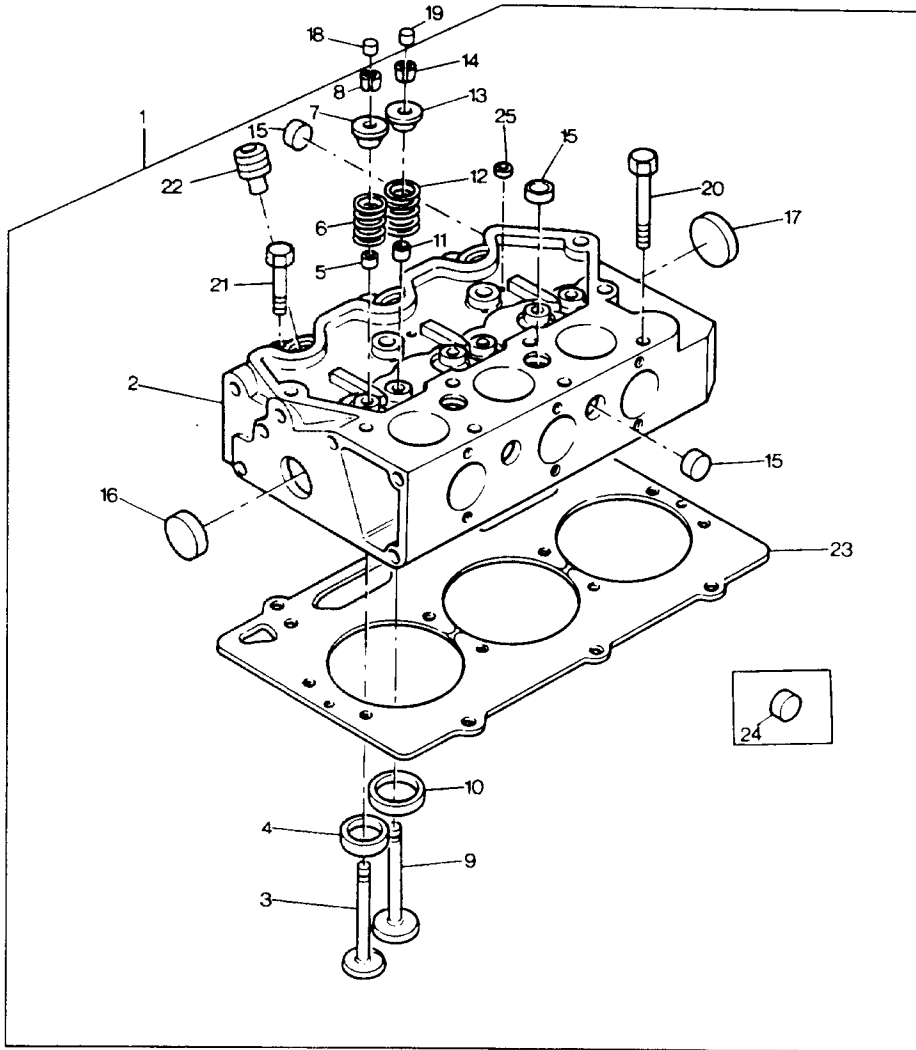


ACHK0059

1	115236020	1	Kit, crankshaft	Ciguenal juego Kurbelwellensatz	Jeu vilebrequin Kit alberogomiti
2	1	1	REF.1 Crankshaft	Ciguenal Kurbelwelle	Vilebrequin Albero a gomiti
3	115276210	1	Gear, crankshaft	Engr. cig-egal Zahnrad, kuwe	Pignon vilebreq. Ingr. alb. motore
4	030509020	1	Dowel	Centraje Zylinderstift	Plot Spina
6	198586030	1 (A) STD.	Kit, bearing	Juego cojinetes Lagersatz	Jeu coussinets Kit cuscinetto
6	198586034	(A) X (-)0.25MM	Kit, bearing	Juego cojinetes Lagersatz	Jeu coussinets Kit cuscinetto
6	198586037	(A) X (-)0.50MM	Kit, bearing	Juego cojinetes Lagersatz	Jeu coussinets Kit cuscinetto
7	198586060	1 (A) STD.	Kit, bearing	Juego cojinetes Lagersatz	Jeu coussinets Kit cuscinetto
7	198586064	(A) X (-)0.25MM	Kit, bearing	Juego cojinetes Lagersatz	Jeu coussinets Kit cuscinetto
7	198586067	(A) X (-)0.50MM	Kit, bearing	Juego cojinetes Lagersatz	Jeu coussinets Kit cuscinetto
8	115026240	3	Conrod	Biela Pleuel	Bielle Biella
9	8	1	REF.8 Rod	Varilla Stange	Tringle Asta
10	8	1	REF.8 Cap	Tapa Kappe	Chapeau Cappello
11	198517325	8	Bush	Casquillo Buchse	Bague Boccola
12	115176130	8	Screw	Tornillo Schraube	Vis Vite
13	020109103	8	Nut	Tuerca Mutter	Ecrou Dado
14	115017090	STD	Kit, piston	Juego de piston Kolbensatz	Jeu piston Kit pistone
14	115017100	X (+)0.50MM	Kit, piston	Juego de piston Kolbensatz	Jeu piston Kit pistone
15	115016960	14 STD.	Kit, piston	Juego de piston Kolbensatz	Jeu piston Kit pistone
15	115016970	14 X (+)0.50MM	Kit, piston	Juego de piston Kolbensatz	Jeu piston Kit pistone
16	15	1	REF.14 Piston	Piston Kolben	Piston Pistone
17	115326260	14	Pin	Pasador Bolzen	Goupille Perno
18	036500019	14	Circlip	Circulito Sicherungsring	Segment d arret Anello d'arresto
19	115107400	15 STD.	Kit, ring	Aros juego Ringsatz	Jeu segments Kit anelli



K9126 ACHK - 004 - A



CYLINDER HEAD  
CULASSE  
ZYLINDERKOPF  
TESTATA  
CULATA

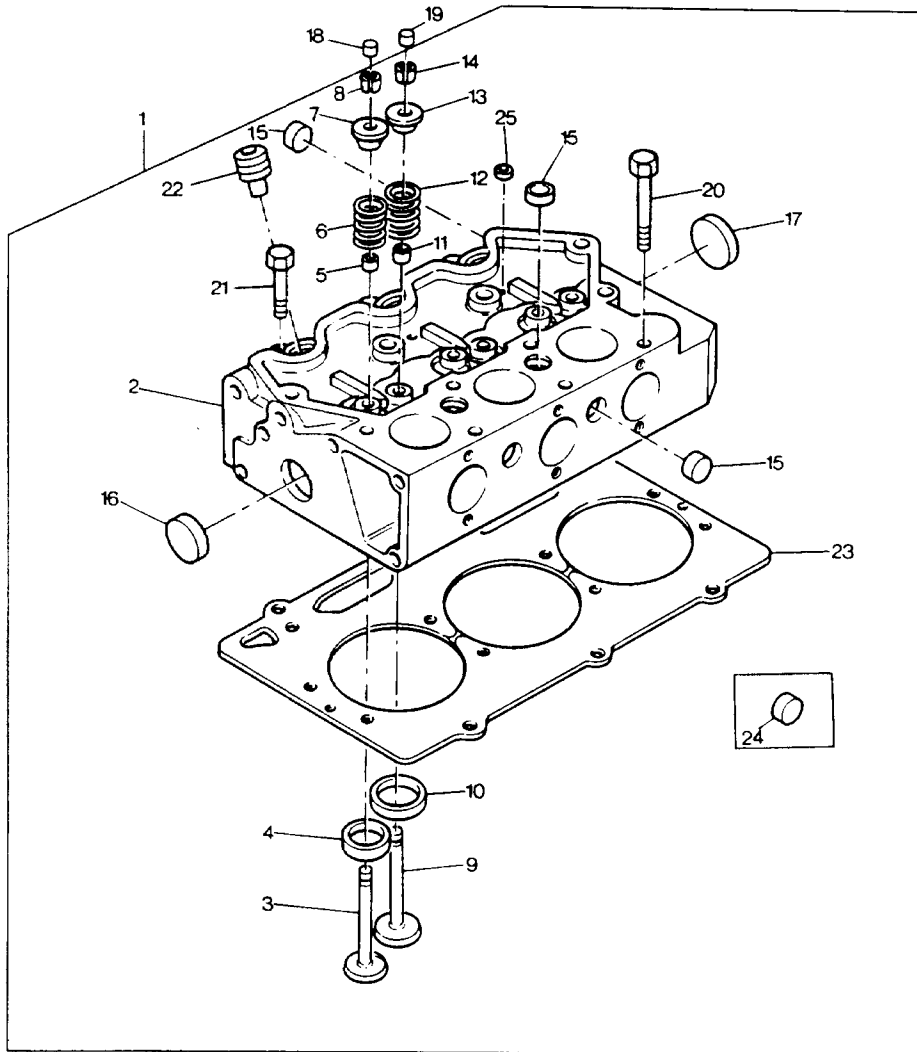
PLATE A  
PLAQUE A  
PLATTE A  
PIASTRA A  
PLACA A

ACHK0059

1	111016911	(A)	1	Kit, cyl. head	Juego de culata Zylinderkopfsatz	Jeu culasse Kit testata
2	111086030	1 (B)	1	Kit, cyl. head	Juego de culata Zylinderkopfsatz	Jeu culasse Kit testata
3	120166280	1	3	Valve inlet	Valvula admision Einlassventil	Soupape admmiss Valvola immissi.
5	120406080	1	3	Seal	Reten Dichtring	Bague etancheite Paraolio
6	198217070	1	3	Spring	Muelle Feder	Ressort Molla
7	120186100	1	3	Cap	Tapa Kappe	Chapeau Cappello
8	120226080	1	6	Cotter	Pasador abierto Splint	Bicone Spinotto
9	120176290	1	3	Valve exhaust	Valvula escape Auslassventil	Soupape echapp Valvola scarico
10	110136290	1	3	Insert	Insercion Einsatzstueck	Douille Inserto
11	120406080	1	3	Seal	Reten Dichtring	Bague etancheite Paraolio
12	198217070	1	3	Spring	Muelle Feder	Ressort Molla
13	120186100	1	3	Cap	Tapa Kappe	Chapeau Cappello
14	120226080	1	6	Cotter	Pasador abierto Splint	Bicone Spinotto
15	198466070	2	4	Plug	Tapon Verschl.stopfen	Bouchon Tappo
16	064200022	2	3	Plug	Tapon Verschl.stopfen	Bouchon Tappo
17	064200022	2	3	Plug	Tapon Verschl.stopfen	Bouchon Tappo
20	111136340	(C)	11	Screw	Tornillo Schraube	Vis Vite
21	111136350	(C)	3	Screw	Tornillo Schraube	Vis Vite
23	111147400	(C)	1	Gasket	Empaquetadura. Dichtscheibe	Joint Guarnizione
					● 111147390 ‡ (+)0.5MM	
24	064200018	2	2	Plug	Tapon Verschl.stopfen	Bouchon Tappo

(A) MAJOR ASSEMBLY-SEE ITEM 2 FOR MINOR ASSEMBLY  
ENSEMBLE PRINCIPAL. VOIR LA REFERENCE NO.2 POUR L'ENSEMBLE MINEUR  
GROSSE BAUGRUPPE - SIEHE POS.2 KLEINE BAUGRUPPE  
ASSIEME PRINCIPALE VEDERE NO.2 PER ASSIEME SECOND ARIO  
CONJUNTO PRINCIPAL - VEASE EL RENGLON NO.2 PARA ELCONJUNTO MENOR

K9126 ACHK - 004 - A



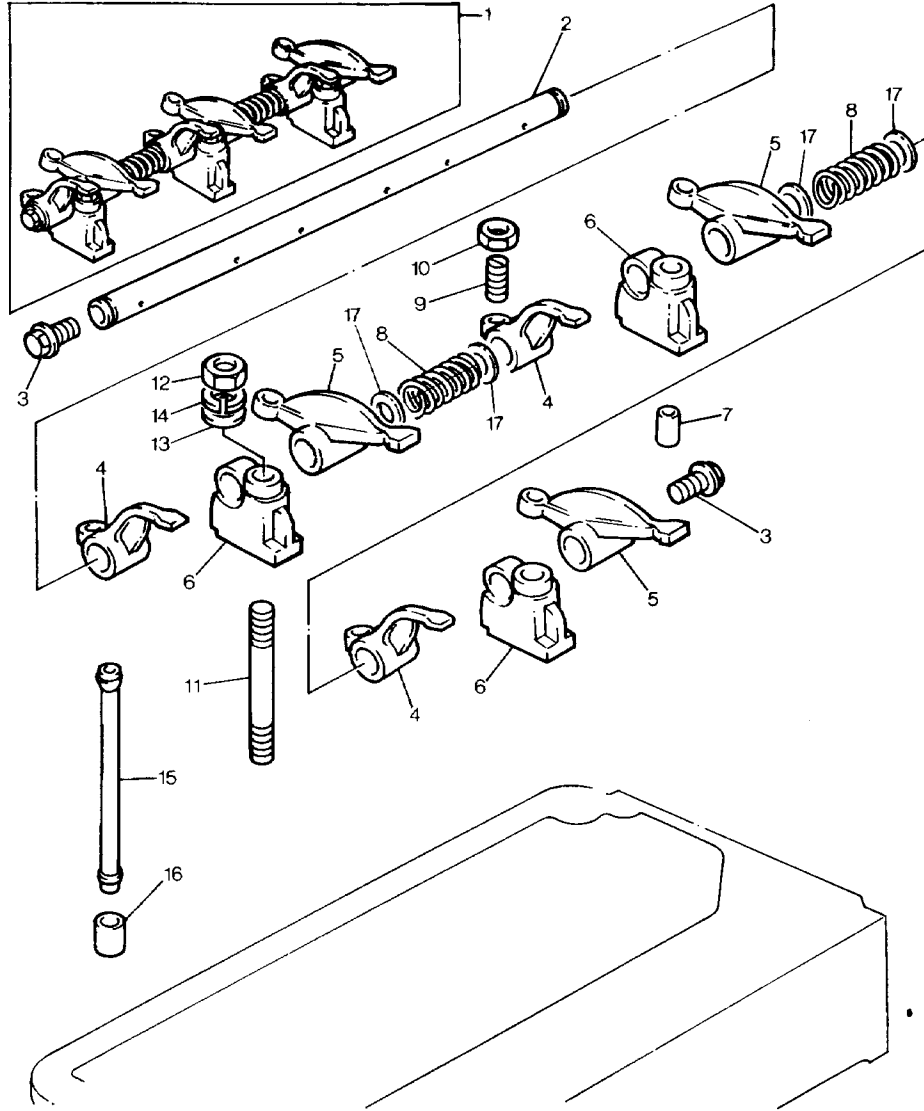
CYLINDER HEAD  
CULASSE  
ZYLINDERKOPF  
TESTATA  
CULATA

PLATE A  
PLAQUE A  
PIASTRA A  
PLACA A

ACHK0059

- (B) MINOR ASSEMBLY  
ENSEMBLE MINEUR  
KLEINE BAUGRUPPE  
ASSIEME SECONDARIO  
CONJUNTO MENOR
- (C) NOT INCLUDED IN REF.1  
NON INCLUS DANS L'ITEM NO.1  
NICHT IN POS NR.1  
NON INCLUSO IN RIFERIMENTO NO.1  
NO SUMINISTRADO EN LA REFERENCIA NO.1

K9131 ACHK-002- A



ROCKER SHAFT  
 AXE DES CULBUTEURS  
 KIPHEBELANLAGE  
 ASSE A BILANCIERI  
 EJE DE BALANCIN

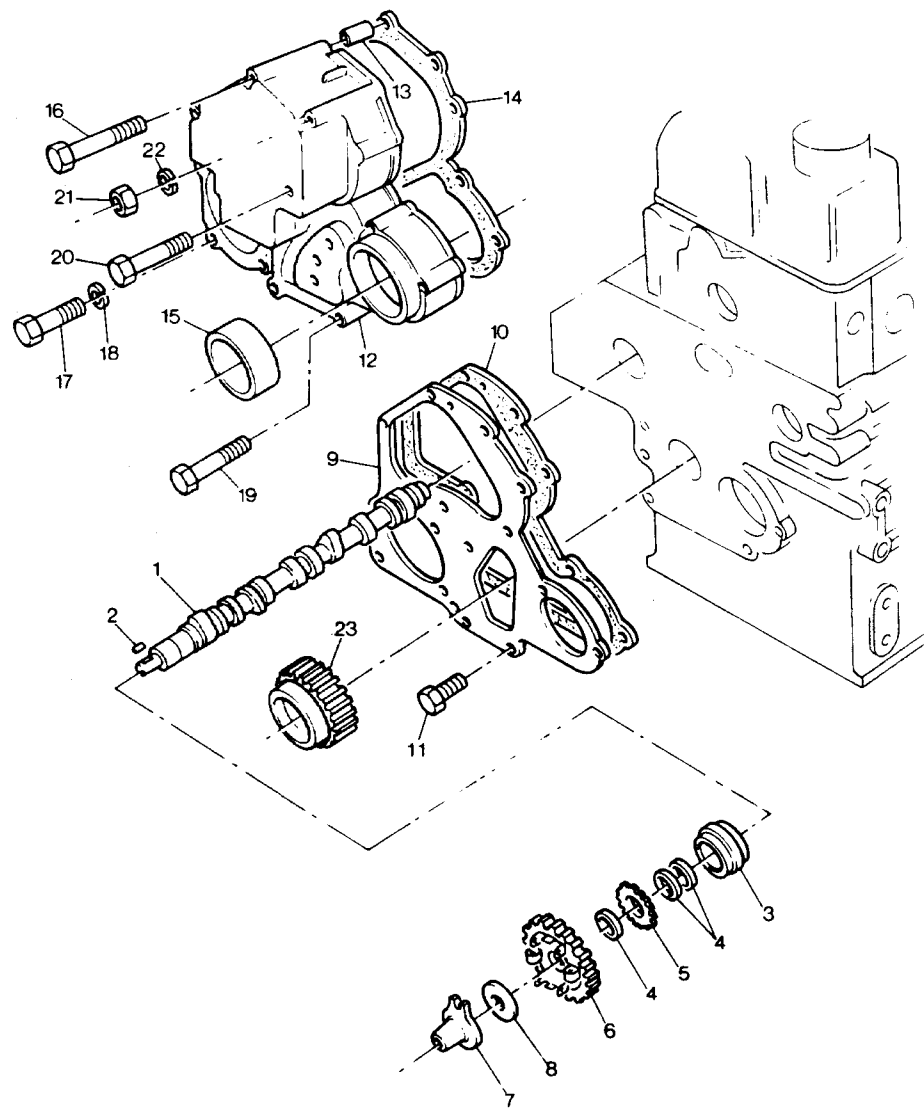
ACHK0059

PLATE A  
 PLAQUE A  
 PLATE A  
 PIASTRA A  
 PLACA A

1	120036330	● 120336020	1	Rocker shaft ass	Conje.eje balanc	Rampe culbuteurs
2	120316190	1	1	Shaft	Arbol	Asse bilancieri
3	064609006	1	2	Plug	Tapon	Bouchon
4	120356120	1 ◀	3	Lever	Palanca	Levier
5	120356110	1 ▶	3	Lever	Palanca	Levia
6	120346170	1	3	Bracket	Soporte	Support fixation
7	030300325	1	1	Pin	Pasador	Supporto fissagg
8	198217080	1	2	Spring	Muelle	Goupille
9	199486220	1	6	Adjusting screw	Tornillo ajusta	Perno
10	020109076	1	2	Spring	Einstellschraube	Ressort
11	012109177	1	6	Adjusting screw	Tornillo ajusta	Molla
12	023100008	1	6	Nut	Einstellschraube	Vis reglage
15	120456240	1	6	Nut	Tuerca	Vite di regolaz.
16	120116100	1	6	Nut	Mutter	Ecro
17	199280280	1	6	Nut	Mutter	Dado
			3	Stud	Esparrago	Goujon
			3	Stud	Stehbolzen	Prigioniero
			3	Nut	Tuerca	Ecro
			3	Nut	Mutter	Dado
			6	Pushrod	Var. contrapunta	Tige pousse
			6	Pushrod	Stoesselstange.	Asta comando
			6	Tappet	Taquet	Poussoir soupape
			6	Tappet	Ventilstoessel	Punteria
			4	Washer	Arandela	Rondelle
			4	Washer	Unterlegscheibe	Rondella



K9136 ACHK-001-A



TIMING GEAR AND CAMSH. ↑  
 DISTRIBUTION ET ARBRE A CAMES  
 STEUERGETRIEBE UND NOCKENWELLE  
 INGRANAGGI E ALBERO DELLA DISTRIBUZIONE  
 DISTRIBUCION Y EJE DE LEVAS

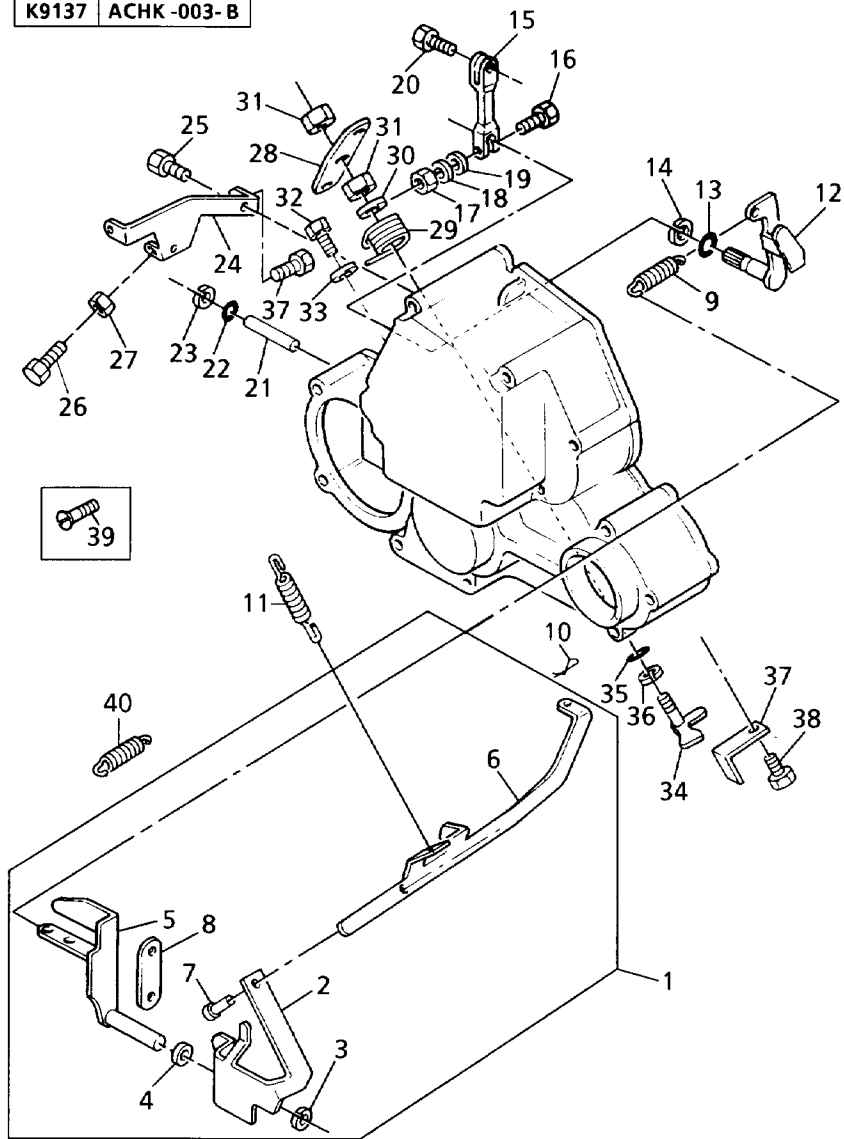
ATE A  
 PLAQUE A  
 PLATTE A  
 PIASTRA A  
 PLACA A

ACHK0059

1	120026120	1	Camshaft	Arbol de levas Nockenwelle	Arbre a cames Albero a camme
2	034100508	1	Woodruff key	Chaveta Scheibenfeder	Clavette woodruf Chiavetta woodr.
3	040109059	1	Bearing ball	Cojinete de bola Kugellager	Roulement billes Cuscinetto sfere
4	199216230	1	Spacer	Pieza distancia Abstandstueck	Entretoise Distanziale
5	120736081	1	Gear,camshaft	Ang. arbol levas Zahnrad,nockenw	Pign.arbre/cames Ingr.alb.motore.
6	120016030	1	Gear,camshaft	Ang. arbol levas Zahnrad,nockenw	Pign.arbre/cames Ingr.alb.motore.
7	125256120	1	Tappet	Taquet Ventilstoessel	Poussoir soupape Punteria
9	165166260	1	Plate	Plato Platte	Plaque Piastra
10	165996400	1	Joint	Junta Dichtung	Joint plat Giunto
11	011300612	3	Bolt	Perno Masch.schraube	Boulon Bullone
12	165106131	1	Timing case	Caja engran dis Steuergehaeuse.	Carter regla. Carter dell dist
13	030300414	12	Pin	Pasador Bolzen	Goupille Perno
14	165996410	1	Joint	Junta Dichtung	Joint plat Giunto
15	198636090	1	Seal	Reten Dichtring	Bague etancheite Paraolio
16	011300680	2	Screw	Tornillo Schraube	Vis Vite
19	011300640	4	Screw	Tornillo Schraube	Vis Vite
20	011300660	2	Screw	Tornillo Schraube	Vis Vite
21	023100006	1	Nut	Tuerca Mutter	Ecrou Dado
23	(A)	1	Gear	Engranaje Zahnrad	Engrenage Ingranaggio

(A) SEE LUB OIL PUMP SECTION  
 VOIR LA SECTION POMPE A HUILE  
 SIEHE SCHMIEROELPUMPE  
 VEDERE SEZIONE DE POMPA LUBRIFICAZIONE  
 VER LA SECCION DEL BOMBA DEL ACEITE

K9137 ACHK -003- B



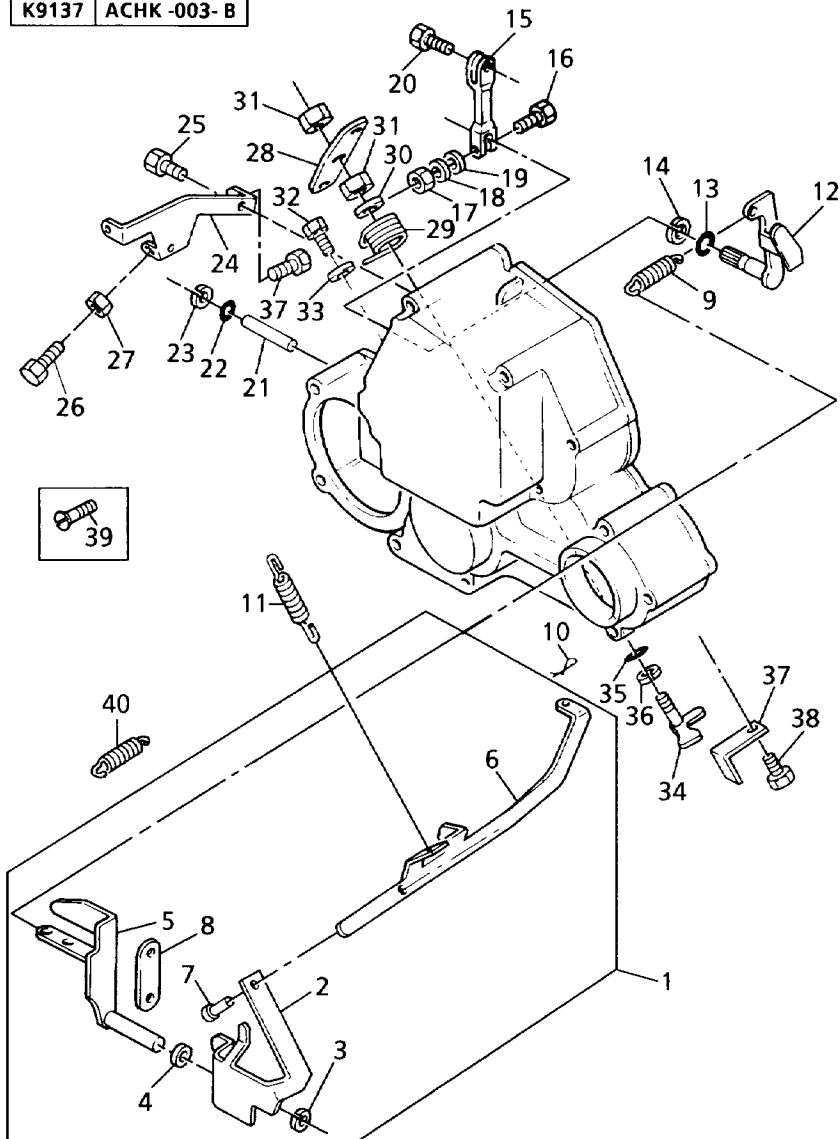
TIMING GEAR AND CAMSHAFT  
DISTRIBUTION ET ARBRE A CAMES  
STEUERGETRIEBE UND NOCKENWELLE  
INGRANAGGI E ALBERO DELLA DISTRIBUZIONE  
DISTRIBUCION Y EJE DE LEVAS

ACHK0059

PLATE B  
PLAQUE B  
PLATTE B  
PIASTRA B  
PLACA B

1	125046140	1	Lever	Palanca Hebel	Levier Leva
2	1 REF.1	1	Lever	Palanca Hebel	Levier Leva
3	036800008	1	Circlip	Circulito Sicherungsring	Segment d arret Anello d'arresto
4	026200010	1	Washer	Arandela Unterlegscheibe	Rondelle Rondella
5	125406071	1	Lever	Palanca Hebel	Levier Leva
6	1 REF.1	1	Link	Union Glied	Maillon Maglia
7	1 REF.1	1	Pin	Pasador Bolzen	Goupille Perno
9	198217110	1	Spring	Muelle Feder	Ressort Molla
10	031100004	1	Pin	Pasador Bolzen	Goupille Perno
11	198216731	1	Spring	Muelle Feder	Ressort Molla
12	125156170	1	Arm	Brazo Arm	Bras Braccio
13	052100070	1	O ring	Junta torica O-ring	Joint torique Anello or
14	036800008	1	Circlip	Circulito Sicherungsring	Segment d arret Anello d'arresto
15	125416020	1	Lever	Palanca Hebel	Levier Leva
16	010110630	1	Screw	Tornillo Schraube	Vis Vite
17	023100006	1	Nut	Tuerca Mutter	Ecrou Dado
21	125116130	1	Shaft	Arbol Welle	Arbre Albero
22	052100030	1	O ring	Junta torica O-ring	Joint torique Anello or
23	036800005	1	Circlip	Circulito Sicherungsring	Segment d arret Anello d'arresto
24	125976120	1	Stay	Tirante Strebe	Hauban Busto
25	011300616	2	Screw	Tornillo Schraube	Vis Vite
26	010109264	2	Screw	Tornillo Schraube	Vis Vite
27	023100006	2	Nut	Tuerca Mutter	Ecrou Dado
28	125176080	1	Lever	Palanca Hebel	Levier Leva

K9137 ACHK-003-B



TIMING GEAR AND CAMSH. T  
 DISTRIBUTION ET ARBRE A CAMES  
 STEUERGETRIEBE UND NOCKENWELLE  
 INGRANAGGI E ALBERO DELLA DISTRIBUZIONE  
 DISTRIBUCION Y EJE DE LEVAS

PLATE B  
 PLAQUE B  
 PLATTE B  
 PIASTRA B  
 PLACA B

ACHK0059

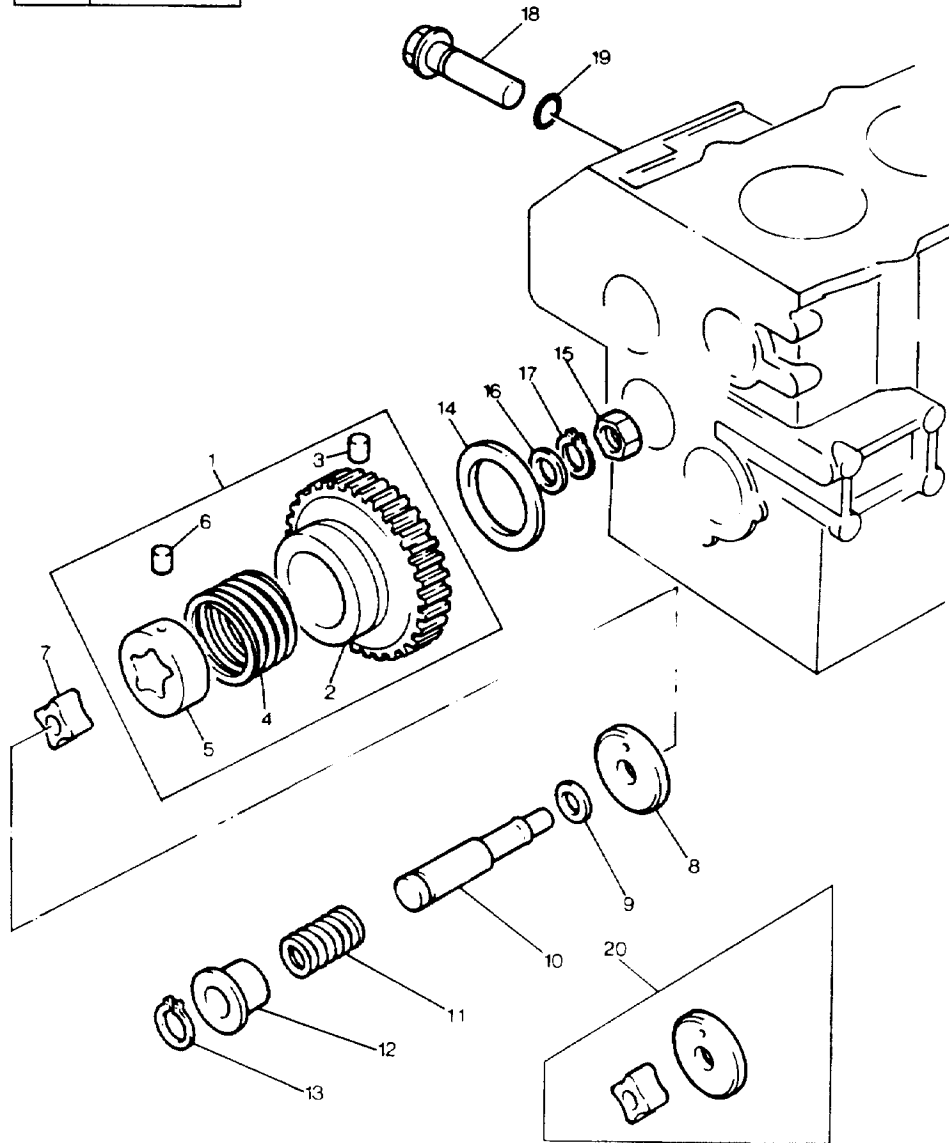
29	198216760	1	Spring	Muelle Feder	Ressort Molla
30	026200008	1	Washer	Arandela Unterlegscheibe	Rondelle Rondella
31	020300008	2	Nut	Tuerca Mutter	Ecrou Dado
34	125156180	1	Arm	Brazo Arm	Bras Braccio
35	052100050	1	O ring	Junta torica O-ring	Joint torique Anello or
36	036800006	1	Circlip	Circulito Sicherungsring	Segment d arret Anello d'arresto

K9151 ACHK-002-A

LUBRICATING OIL PUMP AND DELIVERY HOUSING  
 POMPE A HUILE ET CLAPET DE DECHARGE  
 SCHMIERÖELPUMPE UND ENTLASTUNGSVENTIL  
 POMPA LUBRIFICAZIONE E CARCASSA  
 BOMBA DEL ACEITE Y CARTER DE ALIMENTACION

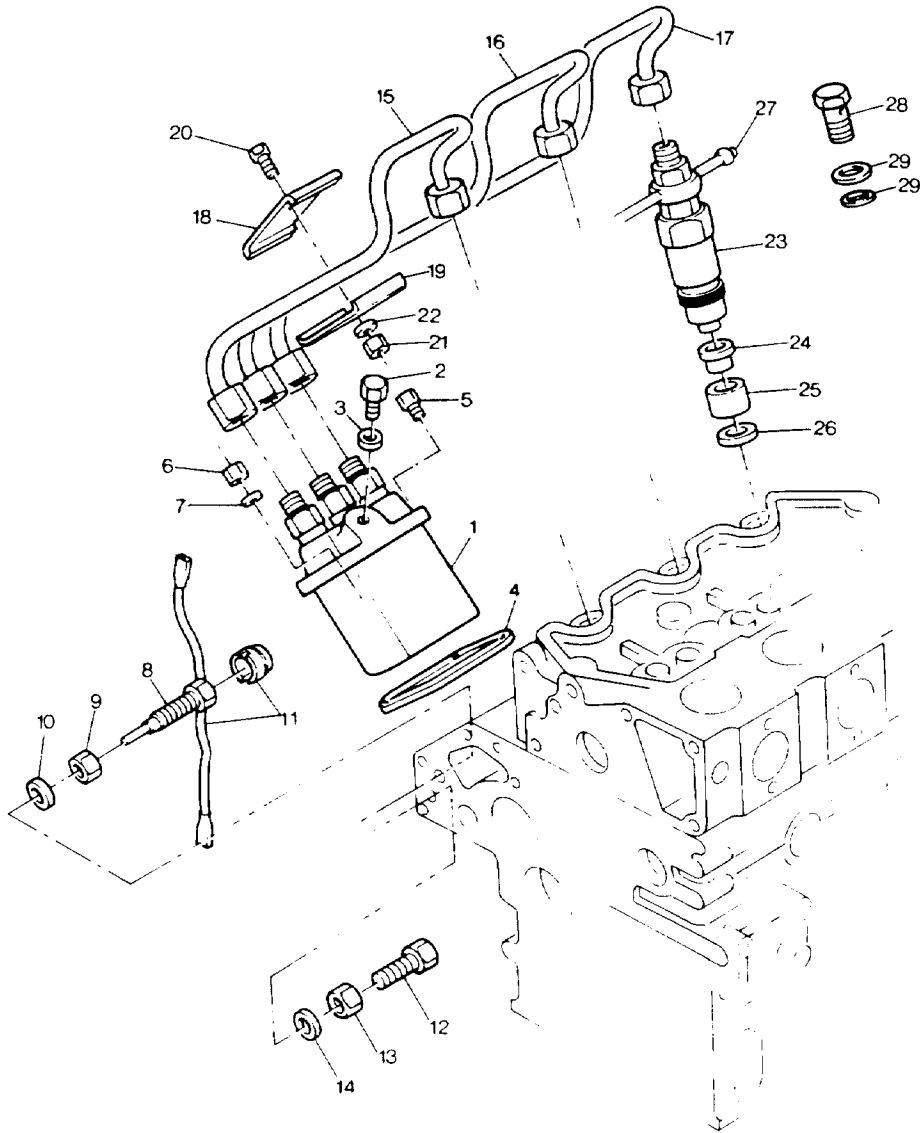
ACHK0059

PLATE A  
 PLAQUE A  
 PLATTE A  
 PIASTRA A  
 PLACA A



1	165026110		1	Gear	Engranaje Zahnrad	Engrenage Ingranaggio
4	198216821	1	1	Spring	Muelle Feder	Ressort Molla
7	140166130		1	Rotor	Rotor Rotor	Rotor Rotore
8	140116140		1	Cover	Cubierta Deckel	Couvercle Coperchio
9	199286150	± (+)0.10MM	X	Shim	Calce Einstellblech	Cale reglage Spessore
9	199286160	± (+)0.15MM	X	Shim	Calce Einstellblech	Cale reglage Spessore
9	199286170	± (+)0.20MM	X	Shim	Calce Einstellblech	Cale reglage Spessore
9	199286180	± (+)0.50MM	X	Shim	Calce Einstellblech	Cale reglage Spessore
11	198216720		1	Spring	Muelle Feder	Ressort Molla
12	199236540		1	Collar	Collar Flanschring	Collerette Collare
13	036800010		1	Circlip	Circlito Sicherungsring	Segment d arre Anello d'arresto
14	199266180		1	Washer	Arandela Unterlegscheibe	Rondelle Rondella
18	140036120	● 140036111	1	Relief valve	Valvula alivio Druckbegr.ventil	Valve decharge Valvola-sicurezza
19	052100150		1	O ring	Junta torica O-ring	Joint torique Anello or
20	140186010		X	Kit, repair	Juego reparacion Reparatursatz	Jeu reparation Kit riparazione

K9166 AFHK-002-A

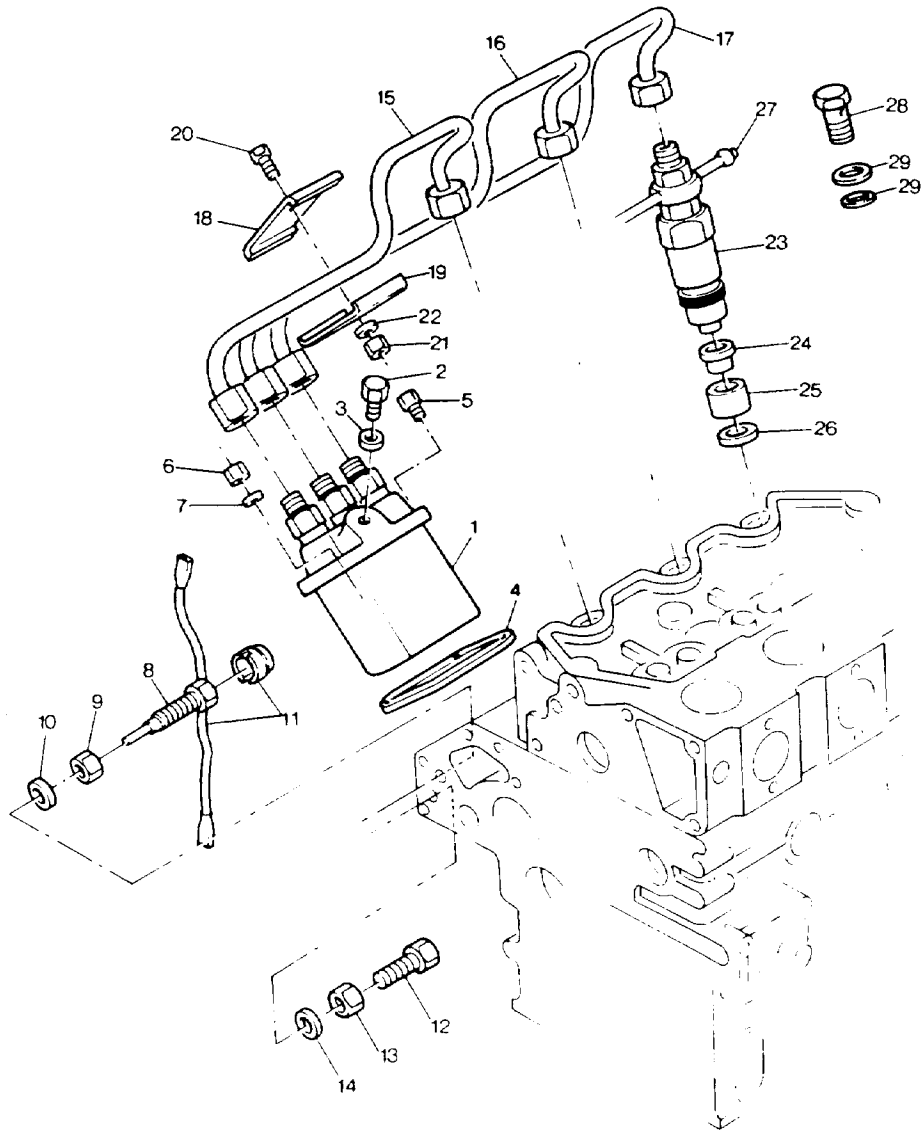


FUEL INJECTION EQUIPMENT (DIESEL)  
 EQUIPEMENT D'INJECTION (DIESEL)  
 EINSPRITZANLAGE (DIESEL)  
 EQUIPAGGIAMENTO INIEZIONE NAFFTA (DIESEL)  
 EQUIPO DE INYECCION DEL COMBUSTIBLE (DIESEL)  
 AFHK2099

\_LATE A  
 PLAQUE A  
 PLATTE A  
 PIASTRA A  
 PLACA A

1	131017390	(A)	1	Injection pump	Bomba inyectora Einspritzpumpe	Pompe injection Pompa iniezione
2	131236280	● 131236201	1	Screw	Tornillo Schraube	Vis Vite
3	025100006		1	Washer	Arandela Unterlegscheibe	Rondelle Rondella
4	131437310	± (+)0.2MM ● 131437240	X	Shim	Calce Einstellblech	Cale reglage Spessore
4	131437320	± (+)0.3MM ● 131437242	X	Shim	Calce Einstellblech	Cale reglage Spessore
4	131437330	± (+)0.4MM ● 131437244 ● 131437246	X	Shim	Calce Einstellblech	Cale reglage Spessore
4	131437340	± (+)0.5MM → 01/04/88 ● 131437248	X	Shim	Calce Einstellblech	Cale reglage Spessore
5	011300620		2	Screw	Tornillo Schraube	Vis Vite
6	023100006		2	Nut	Tuerca Mutter	Ecrou Dado
8	131046160		1	Screw	Tornillo Schraube	Vis Vite
9	023109002		1	Nut	Tuerca Mutter	Ecrou Dado
10	025100010		1	Washer	Arandela Unterlegscheibe	Rondelle Rondella
11	198236030		1	Wire	Hilo Draht	Fil Filo di ferro
12	010109270		1	Screw	Tornillo Schraube	Vis Vite
13	023109002		1	Nut	Tuerca Mutter	Ecrou Dado
14	025100010		1	Washer	Arandela Unterlegscheibe	Rondelle Rondella
15	131507010	NO.1 CYL.	1	Injection pipe	Tubo d inyeccion Einspritzleitung	Tuyau injection Tubo iniezione
16	131507020	NO.2 CYL.	1	Injection pipe	Tubo d inyeccion Einspritzleitung	Tuyau injection Tubo iniezione
17	131507030	NO.3 CYL.	1	Injection pipe	Tubo d inyeccion Einspritzleitung	Tuyau injection Tubo iniezione
18	199106020		2	Damper	Valv.reguladora Daempfer	Damper s poulie Ammortizzatore
19	199106020		2	Damper	Valv.reguladora Daempfer	Damper s poulie Ammortizzatore
20	010100625		2	Screw	Tornillo Schraube	Vis Vite
21	023100006		2	Nut	Tuerca Mutter	Ecrou Dado

K9166 AFHK-002-A



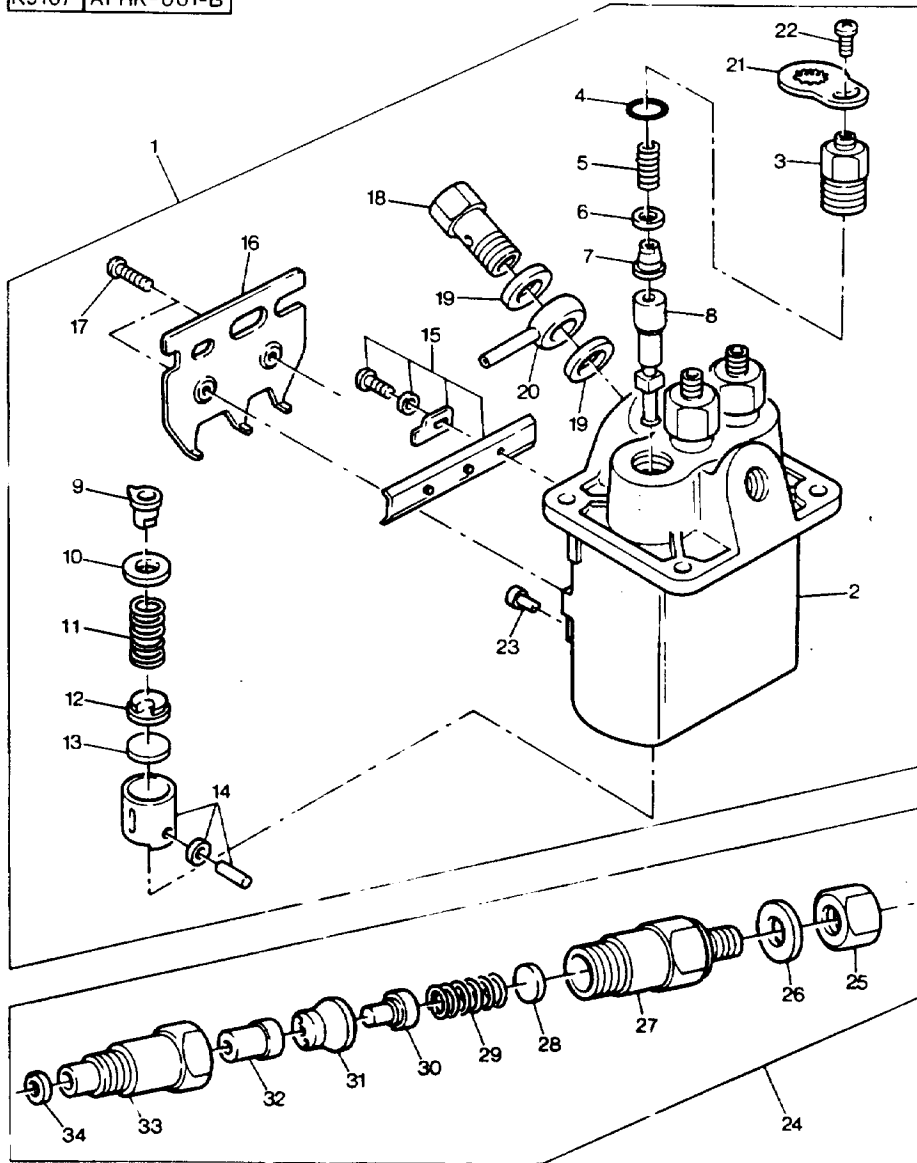
FUEL INJECTION EQUIPMENT (DIESEL)  
 EQUIPEMENT D'INJECTION (DIESEL)  
 EINSPRITZANLAGE (DIESEL)  
 EQUIPAGGIAMENTO INIEZIONE NAFTA (DIESEL)  
 EQUIPO DE INYECCION DEL COMBUSTIBLE (DIESEL)  
 AFHK2099

PLATE A  
 PLAQUE A  
 PIATTA A  
 PIASTRA A  
 PLACA A

23	131406340	(A)	3	Atomiser	Atomizador Zerstaeuber	Injecteur Atomizzatore
24	131426200		3	Gasket	Empaquetadura. Dichtscheibe	Joint Guarnizione
25	111316280		3	Insert	Insercion Einsatzstueck	Douille Inserto
26	198996090		3	Seal	Reten Dichtring	Bague etancheite Paraolio
27	131606260		1	Pipe,fuel	Manguito gasoil Dieselleitung	Tuyau, carburant Tubo nafta.

(A) SEE FOLLOWING PARTS LIST FOR SERVICE COMPONENTS  
 VOIR CHAPITRE SUIVANT POUR DETAILS  
 FUER SERVICE TEILE S.NACHFOLGENDE E.T.LISTE  
 VEDERE DI SEGUITO PER COMPONENTI SERVINILI  
 VEASE LA LISTA DE PIEZAS QUE SIGUE PARA LOS COMPONENTES DE SERVICIO

K9167 AFHK-001-B

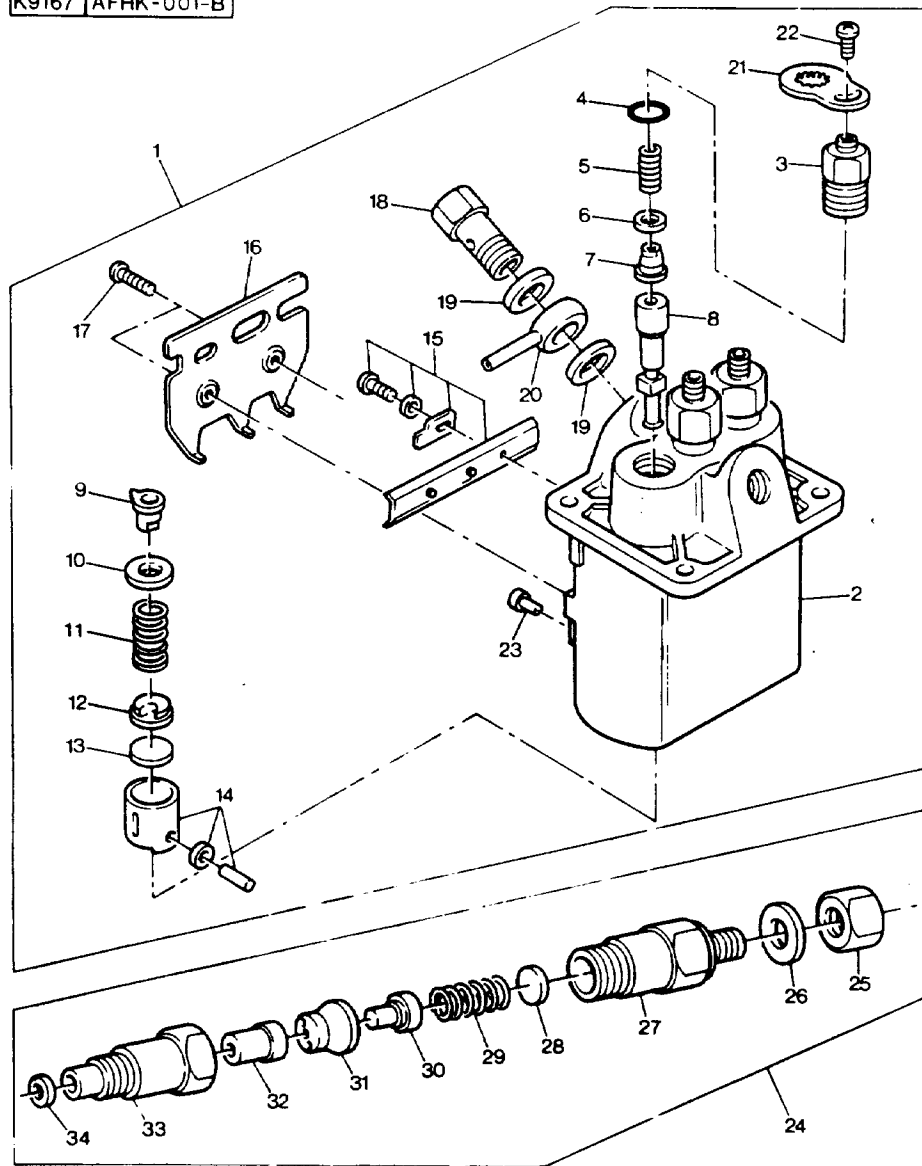


FUEL INJECTION EQUIPMENT (DIESEL)  
 EQUIPEMENT D'INJECTION (DIESEL)  
 EINSPRITZANLAGE (DIESEL)  
 EQUIPAGGIAMENTO INIEZIONE NAFTA (DIESEL)  
 EQUIPO DE INYECCION DEL COMBUSTIBLE (DIESEL)  
 AFHK2099

PLATE B  
 PLAQUE B  
 PLATTE B  
 PIASTRA B  
 PLACA B

1	131017390	1	Injection pump	Bomba inyectora Einspritzpumpe	Pompe injection Pompa iniezione
2	131296665	1	Housing	Alojamiento Gehaeuse	Carter Carcassa
3	131196130	1	Holder	Sujetador Halter	Piece support Supporto di base
4	131226170	1	O ring	Junta torica O-ring	Joint torique Anello or
5	131176430	1	Spring	Muelle Feder	Ressort Molla
6	131186050	1 ● 131186100	Gasket	Empaquetadura. Dichtscheibe	Joint Guarnizione
7	131156160	1	Valve	Valvula Ventil	Soupape Valvola
8	131116410	1	Element	Elemento Element	Elemento Elemento
9	131296951	1 ● 131296638	Sleeve	Mancha Huelse	Manchon Manicotto
10	131296620	1	Seat	Asiento Sitz	Siege Sedile
11	131176440	1	Spring	Muelle Feder	Ressort Molla
12	131296621	1	Seat	Asiento Sitz	Siege Sedile
13	131296622	∓ (+)1.85MM	X Plate	Plato Platte	Plaque Piastra
13	131296623	∓ (+)1.90MM	X Plate	Plato Platte	Plaque Piastra
13	131296624	∓ (+)1.95MM	X Plate	Plato Platte	Plaque Piastra
13	131296625	∓ (+)2.00MM	X Plate	Plato Platte	Plaque Piastra
13	131296626	∓ (+)2.05MM	X Plate	Plato Platte	Plaque Piastra
13	131296627	∓ (+)2.10MM	X Plate	Plato Platte	Plaque Piastra
13	131296628	∓ (+)2.15MM	X Plate	Plato Platte	Plaque Piastra
13	131296629	∓ (+)2.20MM	X Plate	Plato Platte	Plaque Piastra
13	131296630	∓ (+)2.25MM	X Plate	Plato Platte	Plaque Piastra
13	131296631	∓ (+)2.30MM	X Plate	Plato Platte	Plaque Piastra
13	131296632	∓ (+)2.35MM	X Plate	Plato Platte	Plaque Piastra
13	131296633	∓ (+)2.40MM	X Plate	Plato Platte	Plaque Piastra

K9167 AFHK-001-B



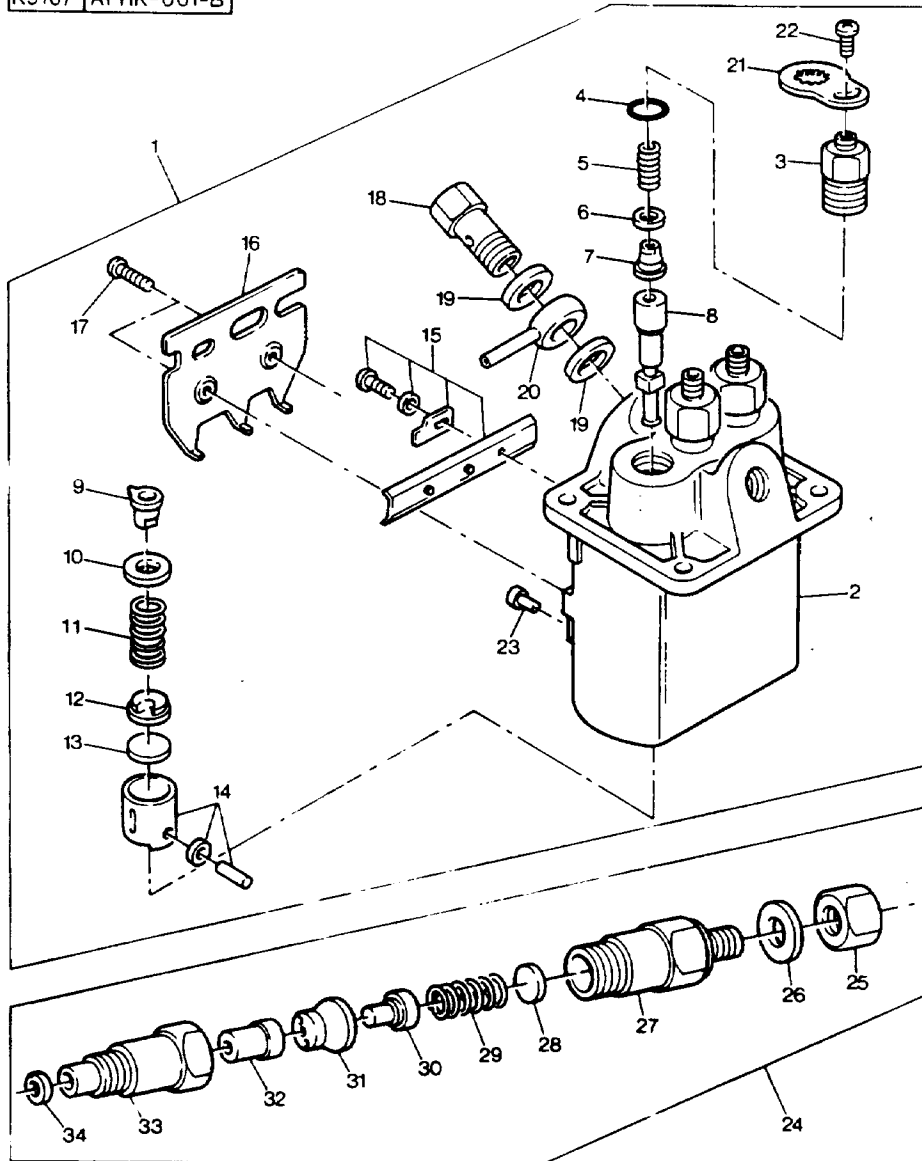
FUEL INJECTION EQUIPMENT (DIESEL)  
 EQUIPEMENT D'INJECTION (DIESEL)  
 EINSPRITZANLAGE (DIESEL)  
 EQUIPAGGIAMENTO INIEZIONE NAFTA (DIESEL)  
 EQUIPO DE INYECCION DEL COMBUSTIBLE (DIESEL)  
 AFHK2099

PLATE B  
 PLAQUE B  
 PLATTE B  
 PIASTRA B  
 PLACA B

13	131296634	± (+)2.45MM	X	Plate	Plato Platte	Plaque Piastra
13	131296635	± (+)2.50MM	X	Plate	Plato Platte	Plaque Piastra
14	131256120	1	3	Tappet	Taquet Ventilstoessel	Poussoir soupape Punteria
15	131296636	1	1	Rack	Barra dentada Zahnstange	Cremagliere Creomagliera
16	131296650	1	1	Bracket	Soporte Haltearm	Support fixation Supporto fissagg
17	131136320	1	2	Screw	Tornillo Schraube	Vis Vite
18	131236190	1	1	Bolt	Perno Masch.schraube	Boulon Bullone
19	131426180	1	2	Washer	Arandela Unterlegscheibe	Rondelle Rondella
20	131246130	1	1	Nipple	Niple Nippel	Graisser coude Nipplo
21	131296662	1	3	Plate	Plato Platte	Plaque Piastra
22	131136330	1	3	Screw	Tornillo Schraube	Vis Vite
23	131296651	1	3	Pin	Pasador Bolzen	Goupille Perno
*	24	131406340	2	Atomiser	Atomizador Zerstaeuber	Injecteur Atomizzatore
25	131446069	24	1	Nut	Tuerca Mutter	Ecrou Dado
26	131426210	24	1	Washer	Arandela Unterlegscheibe	Rondelle Rondella
27	131446065	24	1	Body	Cuerpo Koerper	Corps Corpo
28	131437250	24 ± (+)0.90MM	X	Shim	Calce Einstellblech	Cale reglage Spessore
28	131437251	24 ± (+)0.925MM	X	Shim	Calce Einstellblech	Cale reglage Spessore
28	131437252	24 ± (+)0.95MM	X	Shim	Calce Einstellblech	Cale reglage Spessore
28	131437253	24 ± (+)0.975MM	X	Shim	Calce Einstellblech	Cale reglage Spessore
28	131437254	24 ± (+)1.00MM	X	Shim	Calce Einstellblech	Cale reglage Spessore
28	131437255	24 ± (+)1.025MM	X	Shim	Calce Einstellblech	Cale reglage Spessore
28	131437256	24 ± (+)1.05MM	X	Shim	Calce Einstellblech	Cale reglage Spessore
28	131437257	24 ± (+)1.075MM	X	Shim	Calce Einstellblech	Cale reglage Spessore
28	131437258	24 ± (+)1.10MM	X	Shim	Calce Einstellblech	Cale reglage Spessore



K9167 AFHK-001-B

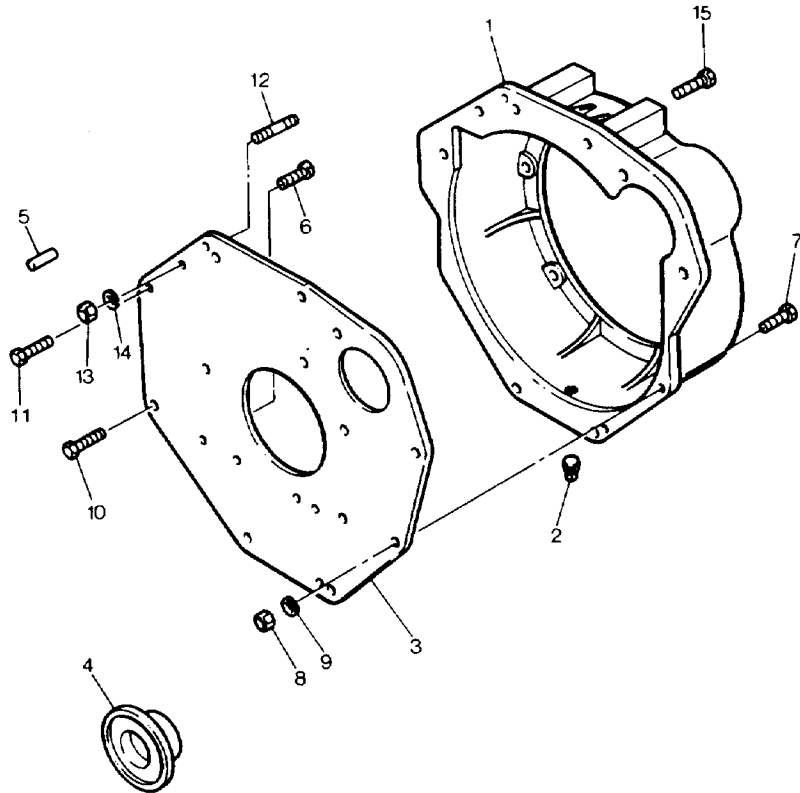


FUEL INJECTION EQUIPME. (DIESEL)  
 EQUIPEMENT D'INJECTION (DIESEL)  
 EINSPRITZANLAGE (DIESEL)  
 EQUIPAGGIAMENTO INIEZIONE NAFTA (DIESEL)  
 EQUIPO DE INYECCION DEL COMBUSTIBLE (DIESEL)  
 AFHK2099

ATE B  
 PLAQUE B  
 PLATTE B  
 PIASTRA B  
 PLACA B

28	131437259	24	Ⅹ (+)1.125MM	X	Shim	Calce Einstellblech	Cale réglage Spessore
28	131437260	24	Ⅹ (+)1.15MM	X	Shim	Calce Einstellblech	Cale réglage Spessore
28	131437261	24	Ⅹ (+)1.175MM	X	Shim	Calce Einstellblech	Cale réglage Spessore
28	131437262	24	Ⅹ (+)1.20MM	X	Shim	Calce Einstellblech	Cale réglage Spessore
28	131437263	24	Ⅹ (+)1.225MM	X	Shim	Calce Einstellblech	Cale réglage Spessore
28	131437264	24	Ⅹ (+)1.250MM	X	Shim	Calce Einstellblech	Cale réglage Spessore
28	131437265	24	Ⅹ (+)1.275MM	X	Shim	Calce Einstellblech	Cale réglage Spessore
28	131437266	24	Ⅹ (+)1.30MM	X	Shim	Calce Einstellblech	Cale réglage Spessore
28	131437267	24	Ⅹ (+)1.325MM	X	Shim	Calce Einstellblech	Cale réglage Spessore
28	131437268	24	Ⅹ (+)1.35MM	X	Shim	Calce Einstellblech	Cale réglage Spessore
28	131437269	24	Ⅹ (+)1.375MM	X	Shim	Calce Einstellblech	Cale réglage Spessore
28	131437270	24	Ⅹ (+)1.40MM	X	Shim	Calce Einstellblech	Cale réglage Spessore
28	131437271	24	Ⅹ (+)1.425MM	X	Shim	Calce Einstellblech	Cale réglage Spessore
28	131437272	24	Ⅹ (+)1.45MM	X	Shim	Calce Einstellblech	Cale réglage Spessore
29	131446066	24		1	Spring	Muelle Feder	Ressort Molla
30	131446070	24		1	Pin	Pasador Bolzen	Goupille Perno
31	131446068	24		1	Spacer	Pieza distancia Abstandstueck	Entretoise Distanziale
32	131416150	24		X	Nozzle	Tobera Duese	Nez injecteur Iniettore
33	131446067	24		X	Nut	Tuerca Mutter	Ecrou Dado

K9207 CDHK-001-B



FLYWHEEL HOUSING  
 CARTER VOLANT  
 SCHWUNGRADGEHAEUSE  
 CARCASSA VOLANO  
 CARTER DEL VOLANTE

PLATE B  
 PLAQUE B  
 PLATTE B  
 PIASTRA B  
 PLACA B

CDHK0755

* 3	110366400	1	Plate	Plato Platte	Plaque Piastra
4	198636080	1	Seal	Reten Dichtring	Bague etancheite Paraolio
10	011310816	10	Screw	Tornillo Schraube	Vis Vite

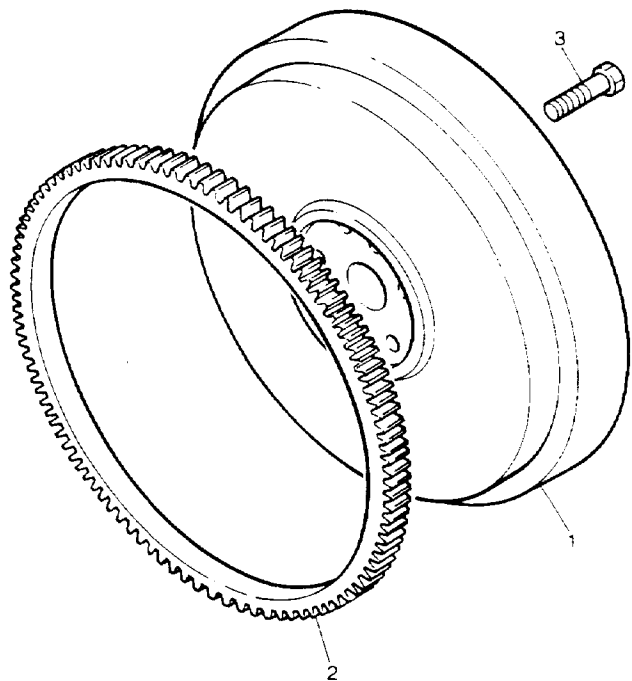
K9217 DDHK-001 - B

FLYWHEEL AND STARTER RING  
 VOLANT ET COURONNE DEMARRAGE  
 SCHWUNGRAD UND ZAHNKRANZ  
 VOLANO E CORONA AVVIAMENTO  
 VOLANTE Y ARO DE ARRANQUE

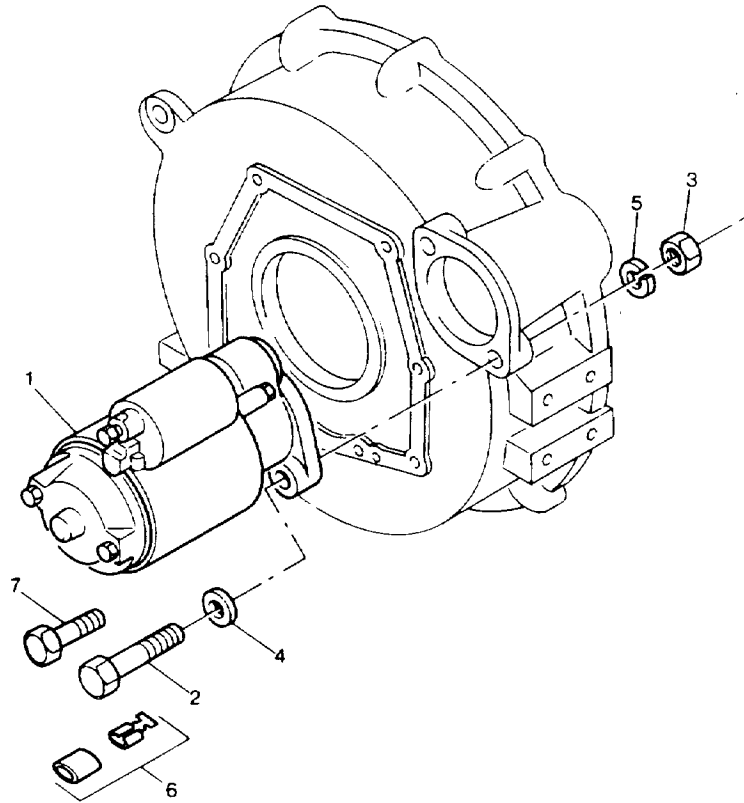
PLAQUE B  
 PLATTE B  
 PIASTRA B  
 PLACA B

DDHK0853

* 1	115357263	● 115357262 ● 115357261 ● 115357260	1	Flywheel	Volante motor Schwungrad	Volant moteur Volano
2	115376150		1	Ring	Aro Ring	Anneau Anello
3	010109330		4	Screw	Tornillo Schraube	Vis Vite



K9221 EDHK-002-A



STARTER MOTOR  
 DEMARREUR  
 ANLASSER  
 MOTORINO AVVIAMENTO  
 ARRANCADOR

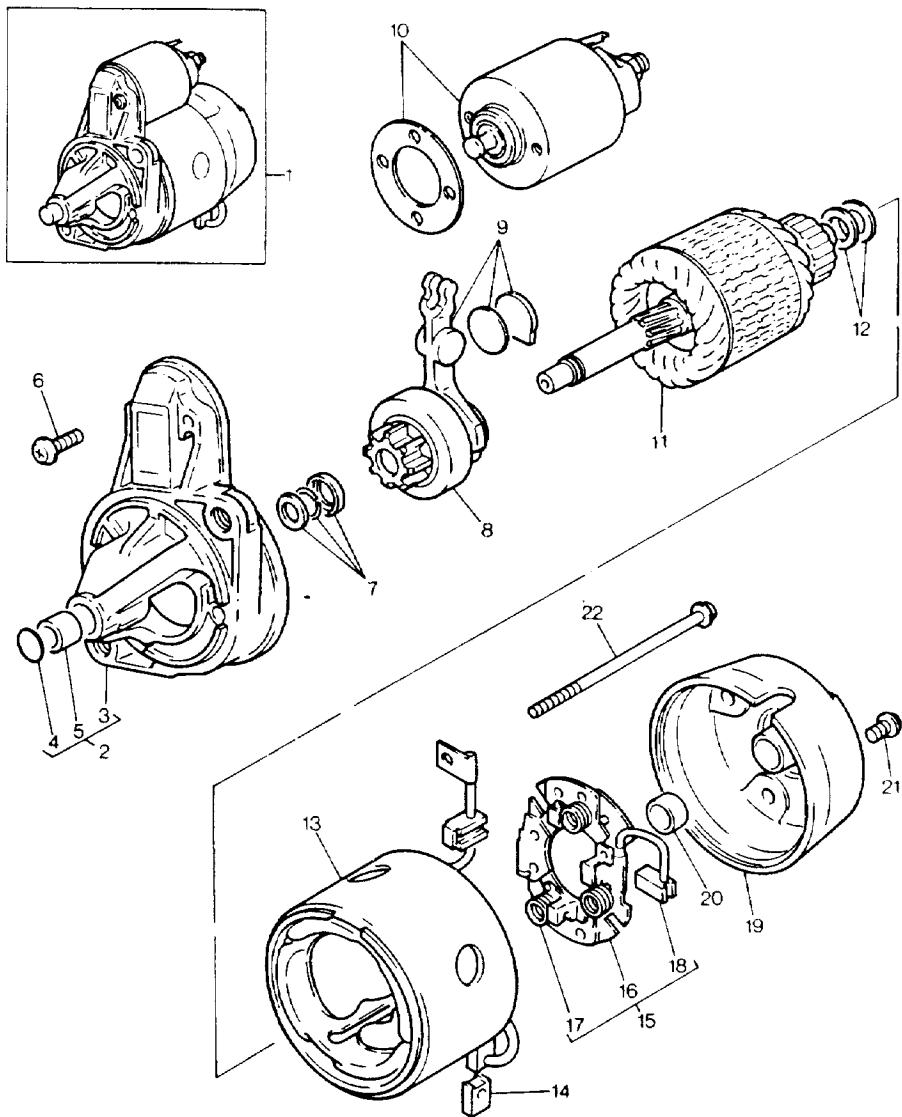
PLATE A  
 PLAQUE A  
 PLATTE A  
 PIASTRA A  
 PLACA A

EDHK0617

1	185086370	(A)	1	Startermotor	Motor arranque	Demarreur
					Anlasser	Motorino avviam.
2	011601020		2	Screw	Tornillo	Vis
					Schraube	Vite

(A) FOR BREAKDOWN DETAILS SEE FOLLOWING PAGES  
 POUR DETAIL VOIR PAGES SUIVANTES  
 AUFSCHLUESSELUNG SIEHE NACHFOLGENDE SEITEN  
 PER RIMANENTI DETTAGLI VEDERE PAGINE SEGUENTI  
 PARA DETALLES VEASE LA PAGINA QUE SIGUE

K 9224 EDHK-001 - D



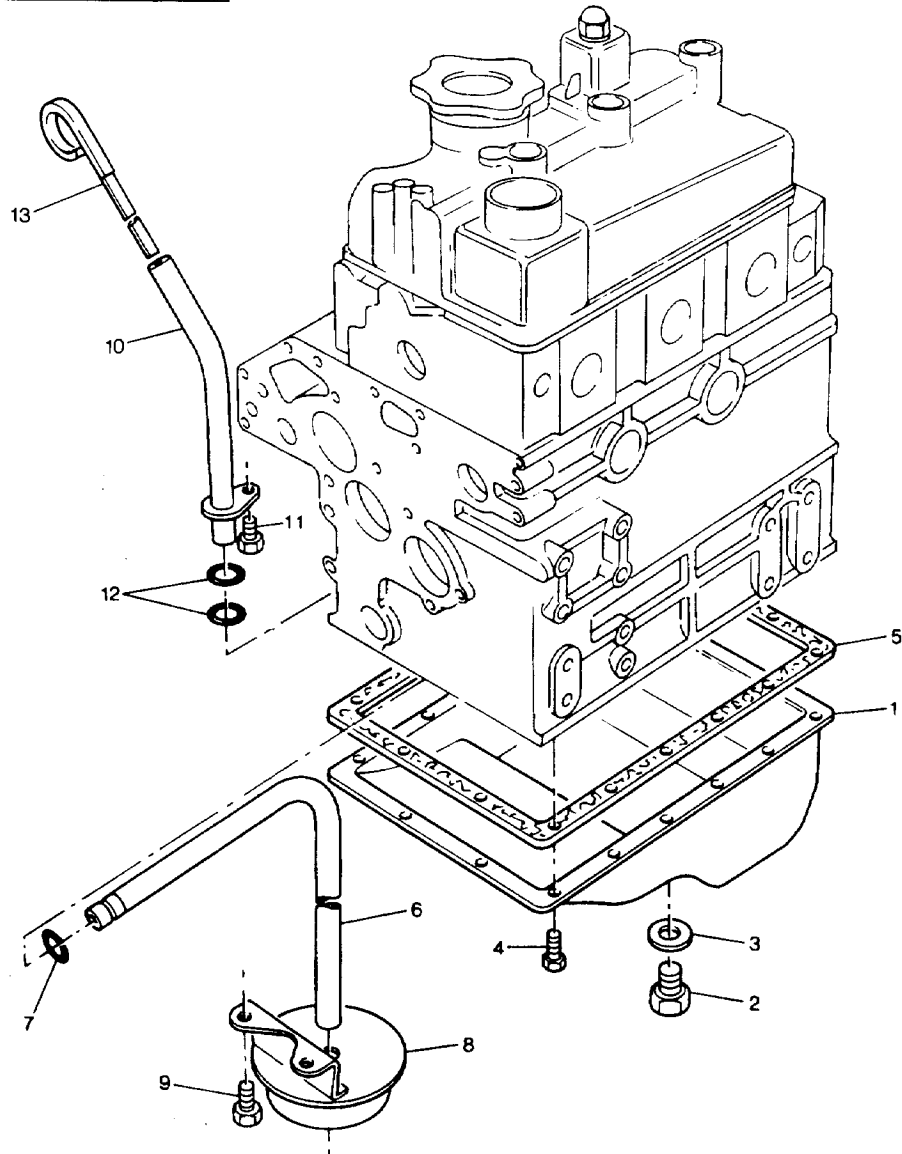
STARTER MOTOR  
 DEMARREUR  
 ANLASSER  
 MOTORINO AVVIAMENTO  
 ARRANCADOR

EDHK0617

PLATE D  
 PLAQUE D  
 PLATTE D  
 PIASTRA D  
 PLACA D

1	185086370	1	Startermotor	Motor arranque	Demarreur
2	185846471	1	Cover	Anlasser	Motorino avviam.
3	2 ➡ REF.2	1	Cover	Cubierta	Couvercle
4	2 ➡ REF.2	1	Ring	Deckel	Coperchio
5	185846472	2	Bush	Cubierta	Couvercle
6	185846468	1	Screw	Deckel	Coperchio
7	185846473	1	Washer	Aro	Anneau
8	185866240	1	Pinion	Ring	Anello
9	185846469	1	Lever	Casquillo	Bague
10	185816220	1	Switch	Buchse	Boccola
11	185846474	1	Armature	Tornillo	Vis
12	185846475	1	Washer	Schraube	Vite
13	185846476	1	Yoke	Arandela	Rondelle
14	185416400	13	Brush	Unterlegscheibe	Rondella
15	185416390	1	Holder	Pinon	Pignon
16	15 ➡ REF.15	1	Holder	Ritzel	Pignone
17	185886010	15	Spring	Palanca	Levier
18	185416410	15	Brush	Hebel	Leva
19	185846477	1	Cover	Interruptor	Interruteur
20	185846478	19	Bush	Schalter	Interruttore
21	185846468	1	Screw	Inducido	Induit
22	185846470	1	Screw	Induktionsanker	Armatura
				Arandela	Rondelle
				Unterlegscheibe	Rondella
				Yugo	Chape articulad
				Gelenkgabel	Forcella
				Escobilla	Balai
				Buerste	Spazzola
				Holder	Piece support
				Halter	Supporto di base
				Sujetador	Piece support
				Halter	Supporto di base
				Muelle	Ressort
				Feder	Molla
				Escobilla	Balai
				Buerste	Spazzola
				Cubierta	Couvercle
				Deckel	Coperchio
				Casquillo	Bague
				Buchse	Boccola
				Tornillo	Vis
				Schraube	Vite
				Tornillo	Vis
				Schraube	Vite

K9231 GBHK-001-A



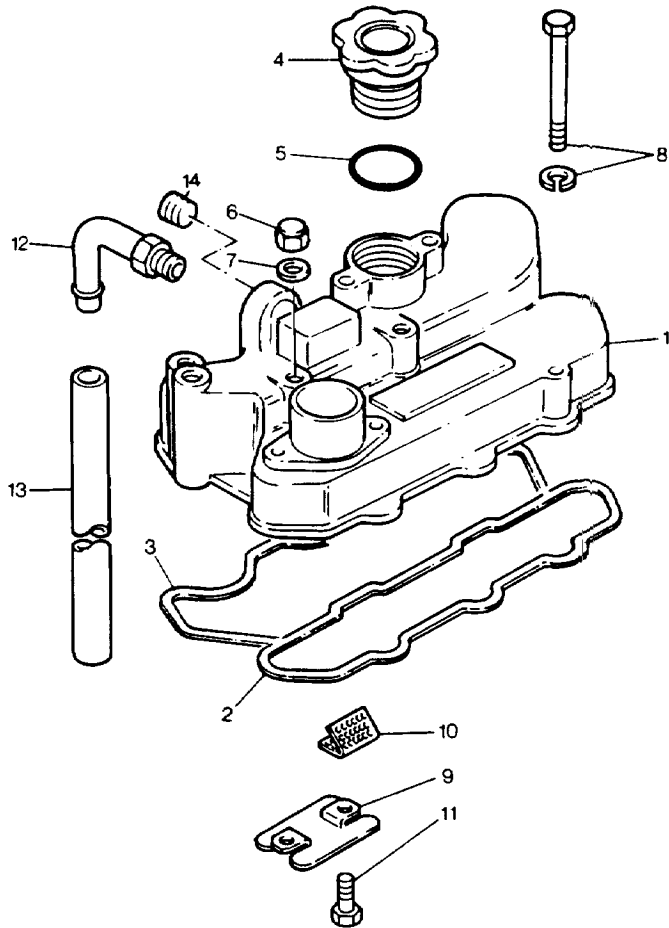
LUBRICATING OIL SUMP  
 CARTER D'HUILE  
 SCHMIERDELWANNE  
 COPPA OLIO  
 CARTER DEL ACEITE LUBRICANTE

GBHK1389

PLATE A  
 PLAQUE A  
 PLATTE A  
 PIASTRA A  
 PLACA A

1	110706860	1	Sump	Carter	Carter d huile
2	010401212	1	Plug	Oelwanne	Sottocoppa
3	025100012	1	Washer	Tapon	Bouchon
4	010109235	18	Screw	Verschl.stopfen	Tappo
5	110996590	1	Joint	Arandela	Rondelle
6	140986590	1	Pipe,oil	Unterlegscheibe	Rondella
7	052109076	1	O ring	Tornillo	Vis
8	140406310	1	Strainer	Schraube	Vite
9	011300612	2	Bolt	Junta	Joint plat
10	110756070	1	Tube	Dichtung	Giunto
11	011300612	1	Bolt	Manguito aceite	Tuyau hydraul.
12	052100100	2	O ring	Oelleitung	Tube olio
13	198416230	1	Dipstick	Junta torica	Joint torique
				O-ring	Anello or
				Colador	Crepine
				Filtersieb	Colino
				Perno	Boulon
				Masch.schraube	Bullone
				Perno	Boulon
				Masch.schraube	Bullone
				Junta torica	Joint torique
				O-ring	Anello or
				Varilla aceite	Jauge
				Messtab	Asta livello

K 9253 HBHK -002-C



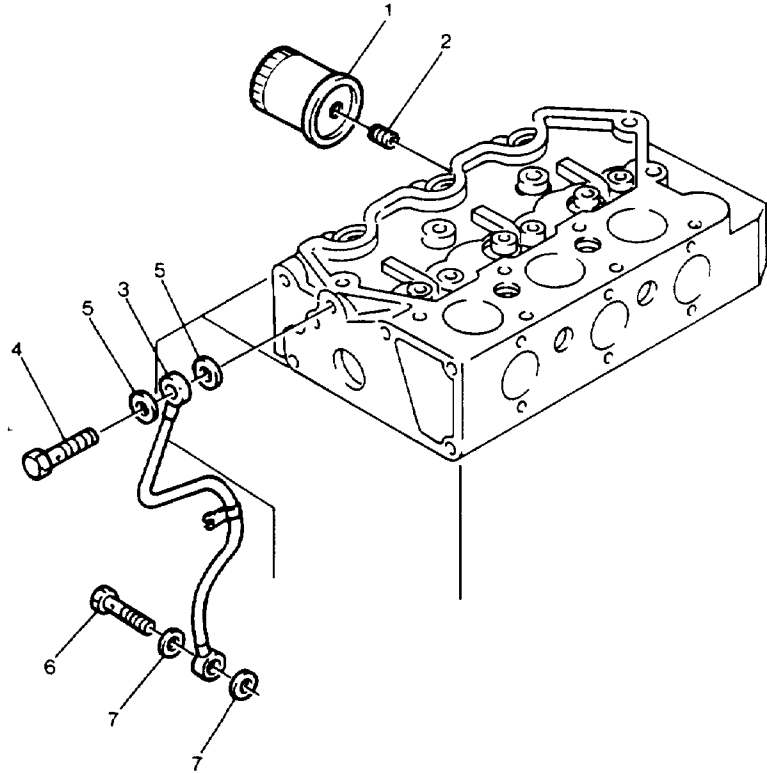
LUBRICATING OIL FILLER , J BREATHER  
 REMPLISSEUR D'HUILE ET RENIFLARD  
 DELEINFUELLSTUTZEN UND ENTLUEFTUNG  
 TAPPO RIEMPIMENTO E SFIATATOIO  
 RENIFLARD Y LLENADO DEL ACEITE LUBRICANTE

HBHK1406

ATE C  
 PLAQUE C  
 PLATTE C  
 PIASTRA C  
 PLACA C

1	111216630	→ 88/09/01	1	Cover	Cubierta Deckel	Couvercle Coperchio
1	111026371	→ 88/09/01 ● 111026370	1	Cyl.head cover	Tapa de culata Zyl.kopfdeckel	Couvre culasse Coperchio testa
2	111996330		1	Joint	Junta Dichtung	Joint plat Giunto
3	111996060		1	Joint	Junta Dichtung	Joint plat Giunto
4	198436010		1	Cap	Tapa Kappe	Chapeau Cappello
5	052100400		1	Seal	Reten Dichtring	Bague etancheite Paraolio
6	024500008		3	Nut	Tuerca Mutter	Ecrou Dado
7	198996060		3	Washer	Arandela Unterlegscheibe	Rondelle Rondella
8	011300650		2	Screw	Tornillo Schraube	Vis Vite
9	110666110		1	Plate	Plato Platte	Plaque Piastra
10	110666120		1	Gauze	Gasa Gaze	Gaze Garza
11	011300612		2	Bolt	Perno Masch.schraube	Boulon Bullone
12	110986500	→ 88/09/01	1	Pipe,air	Manguito aire Ansaugleitung	Tuyau air Tubo aria
13	068122560		1	Hose	Flexible Schlauch	Durite Tubo flessibile

K9271 JBHK-001-A



LUBRICATING OIL FILTER AND INTEGRAL OIL COOLER  
 FILTRE A HUILE ET REFROIDISSEUR D'HUILE  
 SCHMIEROELFILTER UND MOTORSEITIGER DELHUEHLER  
 FILTRO OLIO E REFRIGERATORE INTEGRALE  
 FILTRO Y ENGRIDADOR INTEGRAL

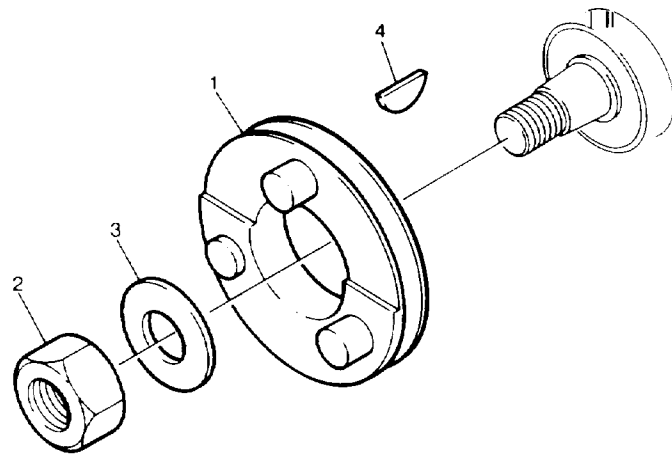
PLATE A  
 PLAQUE A  
 PIATTA A  
 PLACIA A

JBHK1081

1	140516190	1	Oil filter	Filtro de aceite Oelfilter	Filtre huile Filtro olio
2	140546020	1	Connection	Conexion Verbindung	Connexion Connessione
3	140606680	1	Pipe,oil	Manguito aceite Oelleitung	Tuyau hydraul. Tubo olio
4	198486780	1	Bolt	Perno Masch.schraube	Boulon Bullone
5	198996060	2	Washer	Arandela Unterlegscheibe	Rondelle Rondella
6	198486780	1	Bolt	Perno Masch.schraube	Boulon Bullone
7	198996060	2	Washer	Arandela Unterlegscheibe	Rondelle Rondella



K9302 KBHK-001-B



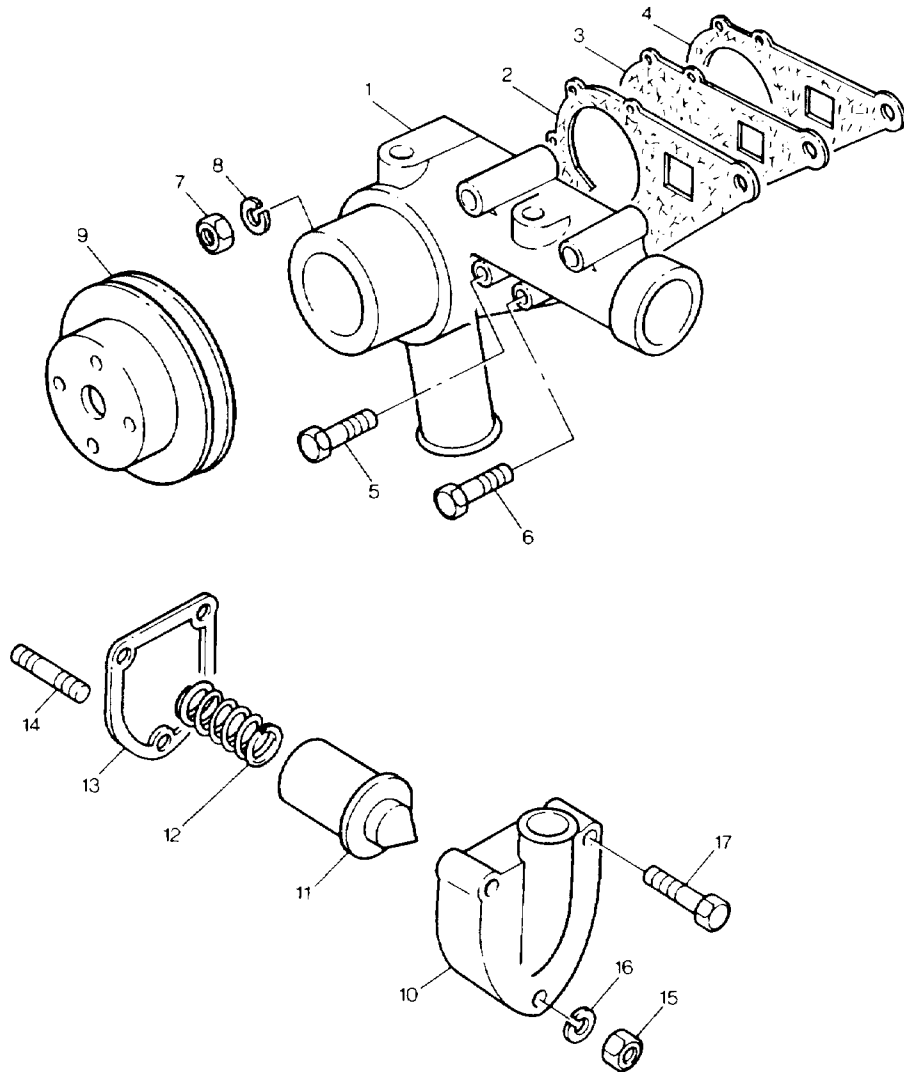
FRONT END DRIVE INPUT  
PUISSANCE ABSORBEE A L'AVANT  
KURBELWELLENGETRIEBE (VORNE)  
TRASMISSIONE ANTERIORE ENTRATA  
ENTRADA DEL MANDO DELANTERO

KBHK0580

ATE B  
PLAQUE B  
PLATTE B  
PIASTRA B  
PLACA B

1	115396741	1	Pulley,crank	Polea cig-egal R-scheibe,kuwe	Poulie vilebreq. Puleggia alb.mot
2	020800018	1	Nut	Tuerca Mutter	Ecrou Dado
3	026200018	1	Washer	Arandela Unterlegscheibe	Rondelle Rondella
4	034100508	1	Woodruff key	Chaveta Scheibenfeder	Clavette woodruf Chiavetta woodr.

K9324 LBHK-001-D

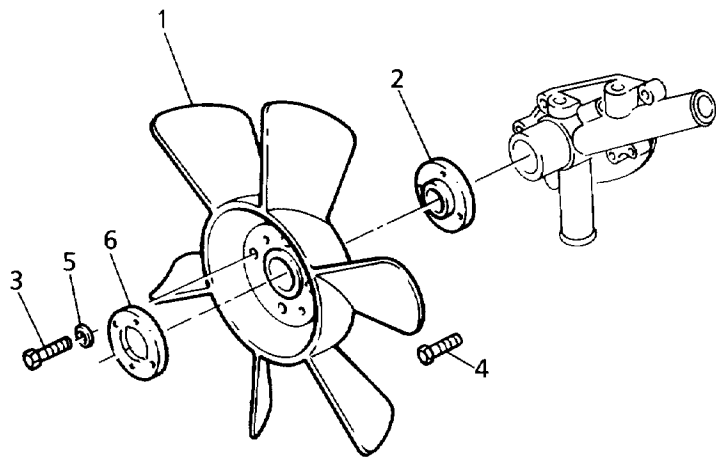


WATER PUMP,THERMOSTAT AND HEAT EXCHANGER  
 POMPE A EAU ET THERMOSTAT  
 WASSERPUMPE,THERMOSTAT UND WAERMETAUSCHER  
 POMPA ACQUA,TERMOSTATO E SCAMBIATORE DI CALORE  
 BOMBA DEL AGUA,TERMOSTATO CAMBIADOR DE TEMPERATURA  
 LBHK1446

PLATE D  
 PLAQUE D  
 PLATTE D  
 PIASTRA D  
 PLACA D

* 1	145017400	● 145016840	1	Water pump	Bomba de agua Wasserpumpe	Pompe a eau Pompa acqua
2	145996430		1	Joint	Junta Dichtung	Joint plat Giunto
3	145146270		1	Backplate	Placa posterior Rueckwand	Dosseret Piastra posteri.
4	145996420		1	Joint	Junta Dichtung	Joint plat Giunto
5	011300635		3	Screw	Tornillo Schraube	Vis Vite
6	011300650		4	Screw	Tornillo Schraube	Vis Vite
7	023100006		1	Nut	Tuerca Mutter	Ecrou Dado
8	027100006		1	Washer	Arandela Unterlegscheibe	Rondelle Rondella
9	145336490		1	Pulley,waterpump	Polea bomba agua R-scheibe,wapu	Poulie pompe eau Pul.pompa acqua
10	145216161	● 145216160	1	Therm. housing	Cuerpo termosta. Therm.gehaeuse	Carter thermost. All. termostato
11	145206062	● 145206061	1	Thermostat	Termostato Thermostat	Thermostat Termostato
12	198217410	● 198217090	1	Spring	Muelle Feder	Ressort Molla
13	145996440		1	Joint	Junta Dichtung	Joint plat Giunto
14	012100650		1	Stud	Esparrago Stehbolzen	Goujon Prigioniero
15	023100006		1	Nut	Tuerca Mutter	Ecrou Dado
16	027100006		1	Washer	Arandela Unterlegscheibe	Rondelle Rondella
17	011300650		2	Screw	Tornillo Schraube	Vis Vite

K9350 MDHK-004 - A



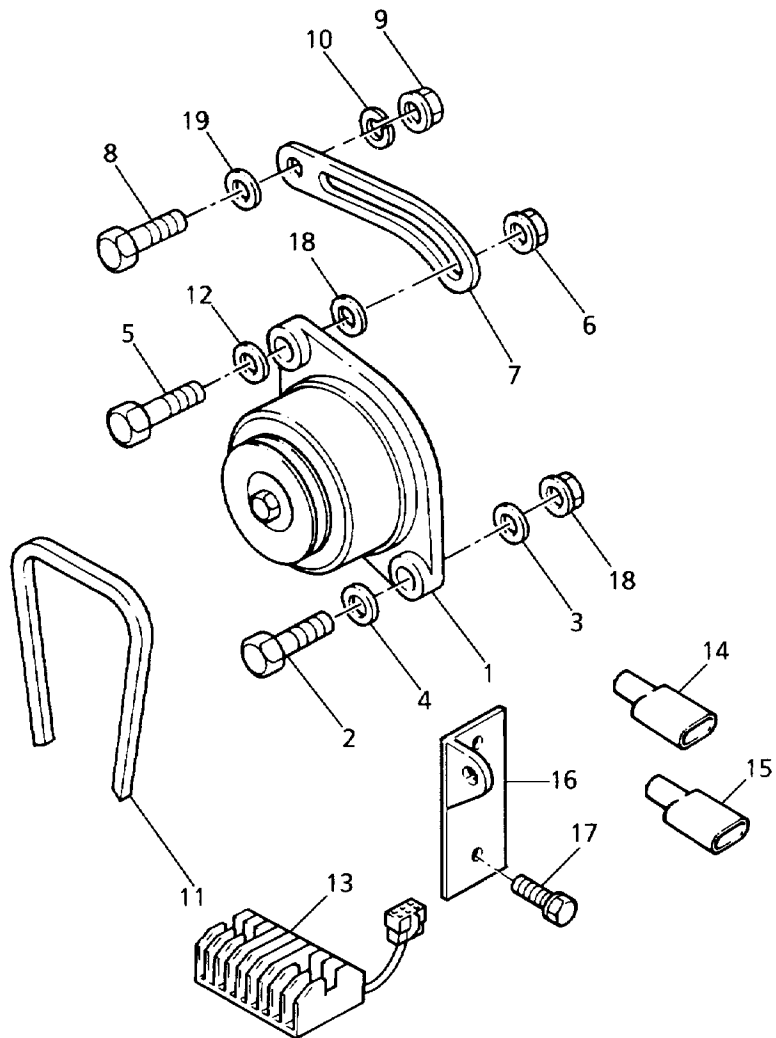
FAN AND EXTENSION  
VENTILATEUR ET ENTRETOISE  
LUFTER UND ZWISCHENSTUECK  
VENTOLA E DISTANZIALE  
VENTILADOR Y PROLONGACION

PLAQUE A  
PLATTE A  
PIASTRA A  
PLACA A

MDHK0837

1	145306590	1	Fan	Ventilador Luefter Ventola	Ventilateur Ventola
3	011310620	4	Screw	Tornillo Schraube	Vis Vite
6	145386520	1	Plate	Plato Platte	Plaque Piastra

K9361 NDHK - 004 - F



ALTERNATOR AND GENERATOR  
 ALTERNATEUR ET DYNAMO  
 DREHSTROM-WECHSELSTROM-LICHTMASCHINE  
 ALTERNATORE E GENERATORE  
 ALTERNADOR Y DINAMO

PLATE F  
 PLAQUE F  
 PLATTE F  
 PIASTRA F  
 PLACA F

NDHK1766

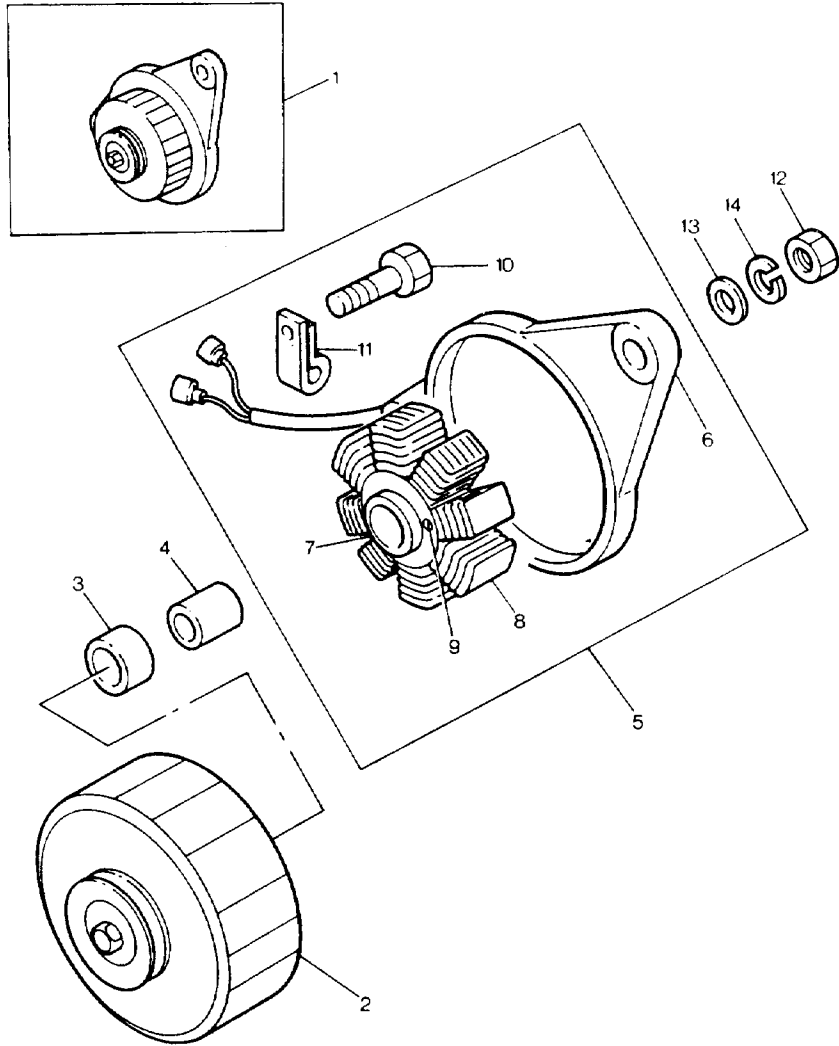
1	185046210	(A)	1	Alternator	Alternador Lichtm.drehstrom	Alternateur Alternatore
2	010110850		1	Screw	Tornillo Schraube	Vis Vite
3	026109011		1	Washer	Arandela Unterlegscheibe	Rondelle Rondella
4	026200008		1	Washer	Arandela Unterlegscheibe	Rondelle Rondella
5	012800840	(B)	1	Screw	Tornillo Schraube	Vis Vite
6	023100008		1	Nut	Tuerca Mutter	Ecrou Dado
7	185726431		1	Lever	Palanca Hebel	Levier Leva
8	011300816		1	Screw	Tornillo Schraube	Vis Vite
9	023100008		1	Nut	Tuerca Mutter	Ecrou Dado
10	027100008		1	Washer	Arandela Unterlegscheibe	Rondelle Rondella
11	080109048	● 080109035	1	Belt, fan	Correa ventilad. Keilr.luefter	Courroie, ventil Cinghia ventola
12	026109017	(C)	1	Washer	Arandela Unterlegscheibe	Rondelle Rondella

(A) SEE FOLLOWING PARTS LIST FOR SERVICE COMPONENTS  
 VOIR CHAPITRE SUIVANT POUR DETAILS  
 FUER SERVICETEILE S.NACHFOLGENDE E.T.LISTE  
 VEDERE DI SEGUITO PER COMPONENTI SERVINILI  
 VEASE LA LISTA DE PIEZAS QUE SIGUE PARA LOS COMPONENTES DE SERVICIO

(B) WAS 012810830 USE 012800840 AND 026109017  
 ETAIT 012810830 UTILISER 012800840 ET 026109017  
 WAR 012810830 VERWENDE 012800840 UND 026109017  
 ERA 012810830 UTILIZZARE 012800840 E 026109017  
 ERA 012810830 USAR 012800840 Y 026109017

(C) USED ONLY WITH 012800840  
 EMPLOYEE SEULEMENT AVEC 012800840  
 NUR FUER 012800840  
 USATO SOLO CON 012800840  
 EMPLEADA SOLAMENTE CON 012800840

K9362 NDHK-001-G



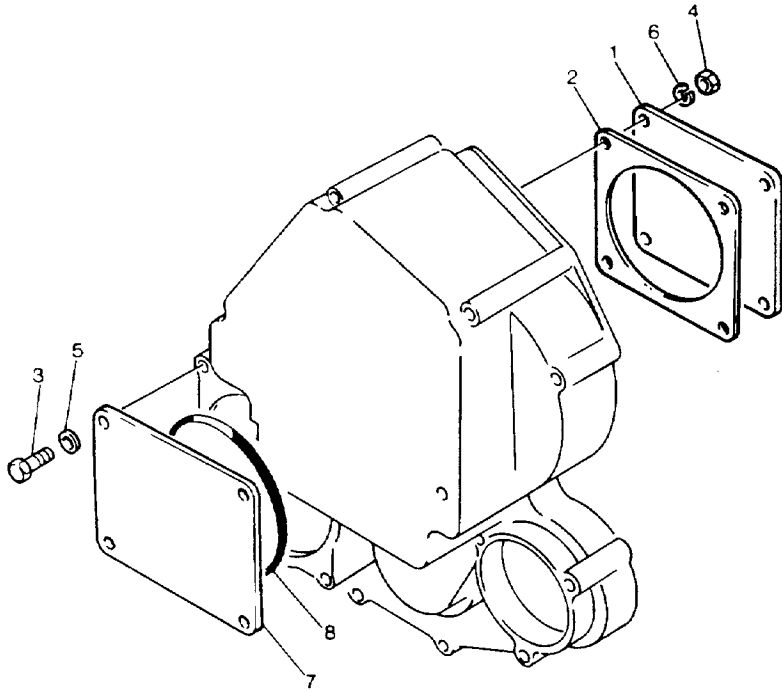
ALTERNATOR AND GENER. OR  
 ALTERNATEUR ET DYNAMO  
 DREHSTROM-WECHSELSTROM-LICHTMASCHINE  
 ALTERNATORE E GENERATORE  
 ALTERNADOR Y DINAMO

PLATE G  
 PLAQUE G  
 PLATTE G  
 PIASTRA G  
 PLACA G

NDHK1766

1	185046210	1	Alternator	Alternador	Alternateur
2	185446219	1	Pulley,alternatr	Lichtm.drehstrom	Alternatore
3	040126201	2	Bearing ball	Polea alternador	Poulie alternat.
4	199236510	1	Collar	R-scheibe,lima	Puleggia altern.
5	185446217	1	Plate	Cojinete de bola	Roulement billes
6	185716200	5	Plate	Kugellager	Cuscinetto sfere
7	040126201	5	Bearing ball	Collar	Collerette
8	185446218	5	Stator	Flanschring	Collare
9	015140425	5	Screw	Plato	Plaque
10	015140408	5	Screw	Platte	Piastra
11	185446220	5	Clip	Plato	Plaque
12	020210010	1	Nut	Platte	Piastra
13	026100010	1	Washer	Cojinete de bola	Roulement billes
14	027100010	1	Washer	Kugellager	Cuscinetto sfere
				Estator	Stator
				Stator	Statore
				Tornillo	Vis
				Schraube	Vite
				Tornillo	Vis
				Schraube	Vite
				Crapa reten	Circlip
				Schelle	Fermaglio
				Tuerca	Ecrou
				Mutter	Dado
				Arandela	Rondelle
				Unterlegscheibe	Rondella
				Arandela	Rondelle
				Unterlegscheibe	Rondella

K9405 QDHK-002-A

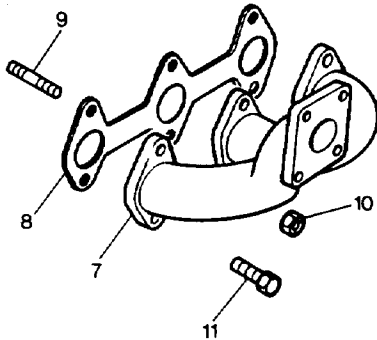
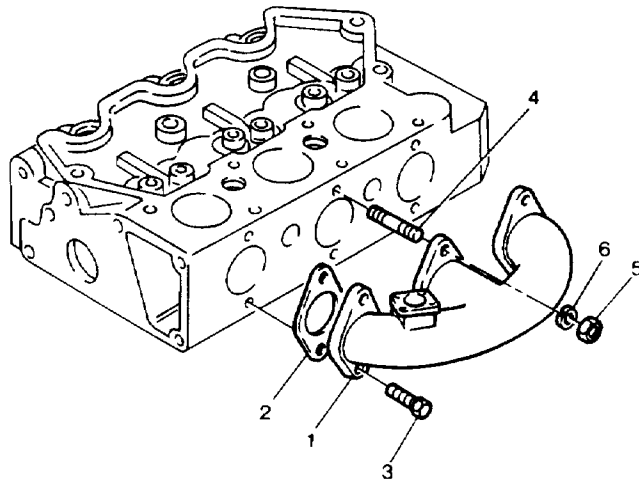


GEAR DRIVE AUXILIARY DRIVE OPTIONS  
 ENTRAINEMENT PAR PIGNON DES EQUIPEMENTS AUXILIARES  
 ZAHNRADANGETRIEBENE NEBENAGGREGATE-WAHLWEISE  
 TRASMISSIONE AUSILIARIA A RICHIESTA  
 EQUIPO OPCIONAL DE MANDO AUXILIAR ACCIONADO ENGRANAJES  
 QDHK0880

PLATE A  
 PLAQUE A  
 PLATTE A  
 PIASTRA A  
 PLACA A

1	165206360	1	Plate	Plato	Plaque
2	165996420	1	Joint	Junta	Piastra
3	010110850	4	Screw	Dichtung	Joint plat
4	023100008	4	Nut	Tornillo	Giunto
				Schraube	Vis
				Mutter	Vite
					Ecrou
					Dado

K9480 UBHK-002-A



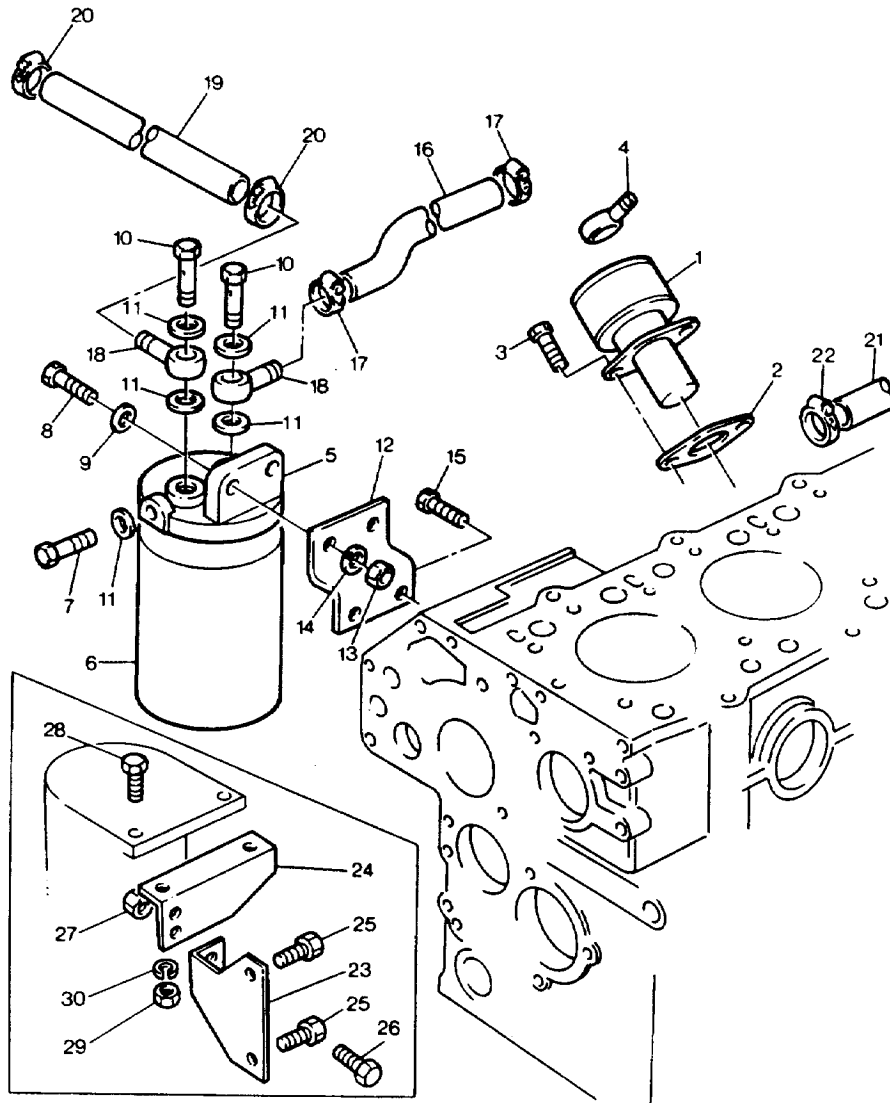
EXHAUST MANIFOLD  
COLLECTEUR ECHAPPEMENT  
AUSPUFFKRUEMMER  
COLLETORE DI SCARICO  
MULTIPLE DE ESCAPE

PLAQUE A  
PLATTE A  
PIASTRA A  
PLACA A

UBHK0350

7	135616620	1	Exhaust manifold	Colector escape	Collecteur ech
8	135996520	1	Gasket	Auspuffkruemmer	Collettore scar.
9	012110625	3	Stud	Empaquetadura.	Joint
10	023100006	3	Nut	Dichtscheibe	Guarnizione
11	011310625	3	Screw	Esparrago	Goujon
				Stehbolzen	Prigioniero
				Tuerca	Ecrou
				Mutter	Dado
				Tornillo	Vis
				Schraube	Vite

K9500 VBHK-002-A



LOW PRESSURE FUEL SYSTEM  
 CIRCUIT CARBURANT BASSE PRESSION  
 KRAFTSTOFF-NIEDERDRUCKANLAGE  
 SISTEMA NAFTA A BASSA PRESSIONE  
 SISTEMA DE COMBUSTIBLE A BAJA PRESION-  
 VBHK1399

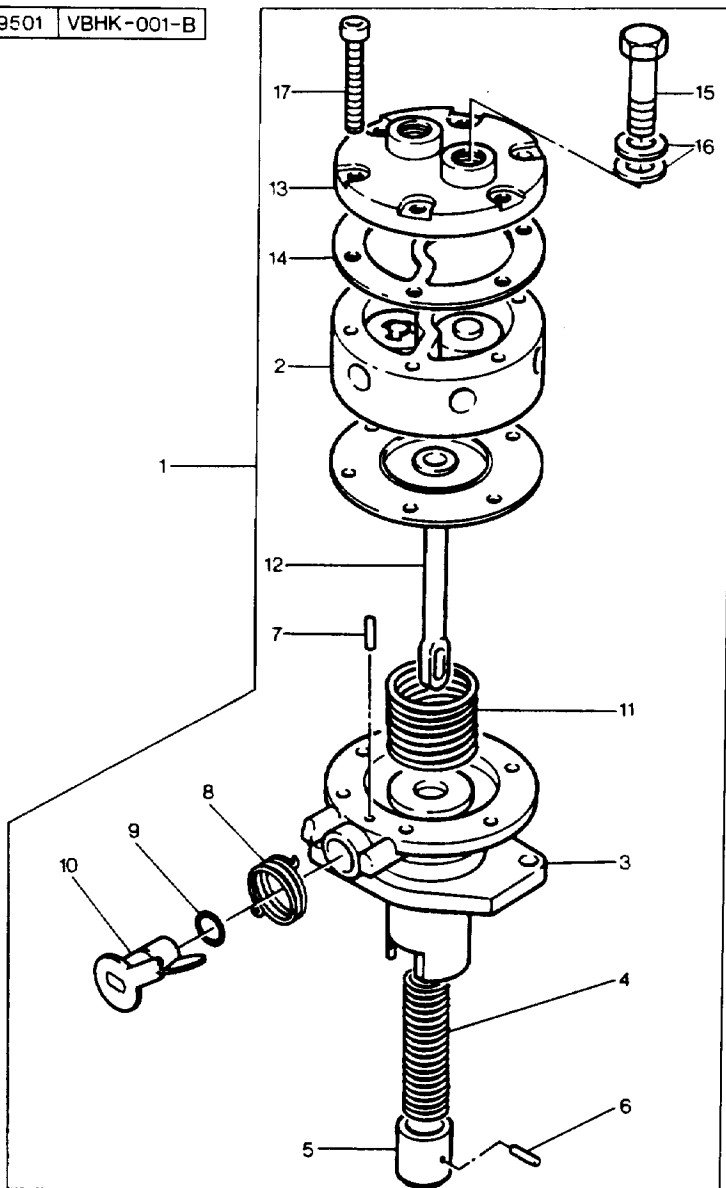
PLATE A  
 PLAQUE A  
 PLATTE A  
 PIASTRA A  
 PLACA A

1	130506140	(A)	1	Lift pump	Bomba elevacion Foerderpumpe	Pompe relevage Pompa sollevamen
2	130996070		1	Joint	Junta Dichtung	Joint plat Giunto
3	011140616		2	Screw	Tornillo Schraube	Vis Vite
4	198486840		2	Connection	Conexion Verbindung	Connexion Connessione

(A) SEE FOLLOWING PARTS LIST FOR SERVICE COMPONENTS  
 VOIR CHAPITRE SUIVANT POUR DETAILS  
 FUER SERVICETEILE S.NACHFOLGENDE E.T.LISTE  
 VEDERE DI SEGUITO PER COMPONENTI SERVINILI  
 VEASE LA LISTA DE PIEZAS QUE SIGUE PARA LOS COMPONENTES DE SERVICIO



K9501 VBHK-001-B



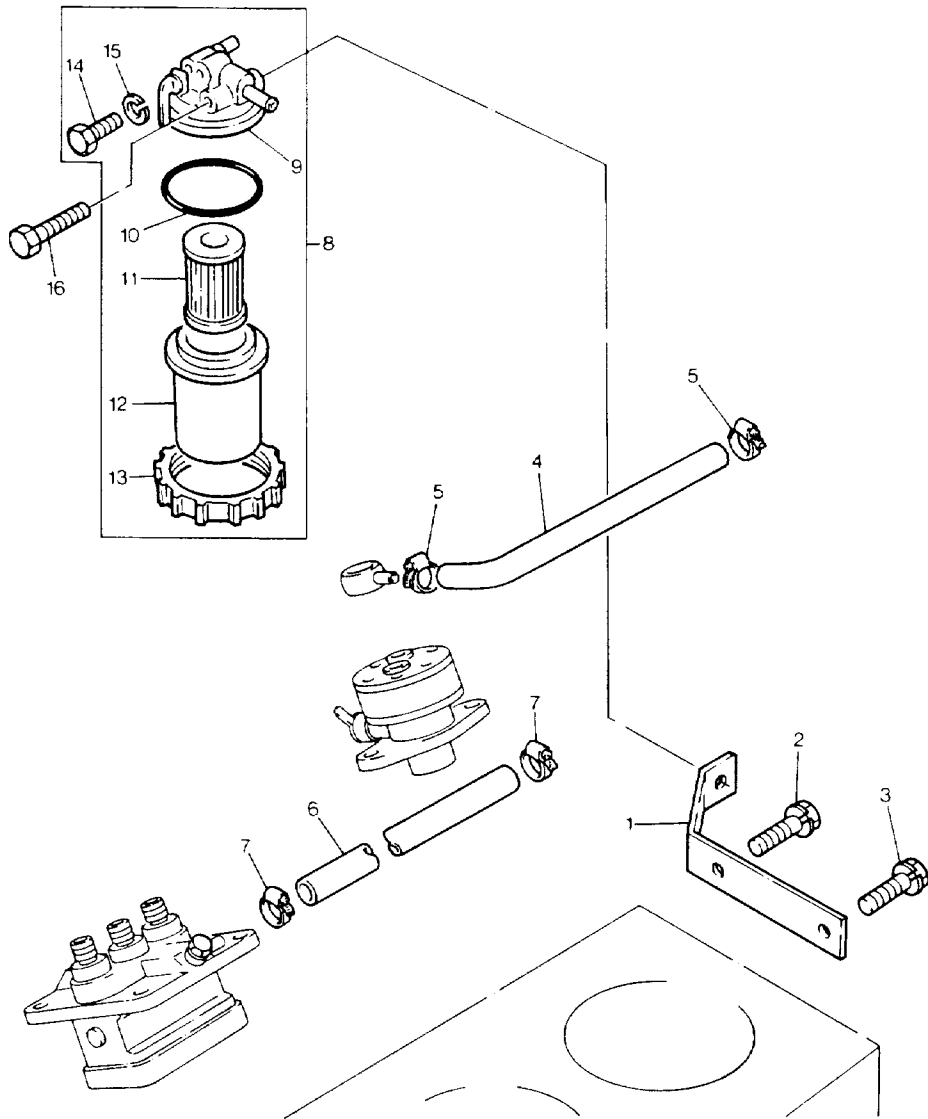
LOW PRESSURE FUEL SYSTEM  
 CIRCUIT CARBURANT BASSE PRESSION  
 KRAFTSTOFF-NIEDERDRUCKANLAGE  
 SISTEMA NAFTA A BASSA PRESSIONE  
 SISTEMA DE COMBUSTIBLE A BAJA PRESION

VBHK1399

PLATE B  
 PLAQUE B  
 PIATRA B  
 PLACA B

1	130506140	1	Lift pump	Bomba elevacion	Pompe relevage
			Foerderpumpe	Pompa sollevamen	
2		1	REF.1		
			Body	Cuerpo	Corps
			Koerper	Corpo	
3	130516080	1	Body	Cuerpo	Corps
			Koerper	Corpo	
4	130516081	1	Spring	Muelle	Ressort
			Feder	Molla	
5	130516082	1	Plunger	Embolo	Plongeur
			Tauchkolben	Stantuffo	
6	130516085	1	Pin	Pasador	Goupille
			Bolzen	Perno	
7	130516088	1	Pin	Pasador	Goupille
			Bolzen	Perno	
8	130516083	1	Spring	Muelle	Ressort
			Feder	Molla	
9	131226180	1	O ring	Junta torica	Joint torique
			O-ring	Anello or	
10	130516086	1	Lever	Palanca	Levier
			Hebel	Leva	
11	130516087	1	Spring	Muelle	Ressort
			Feder	Molla	
12	130516084	1	Diaphragm	Diafragma	Membrane
			Membran	Diaframma	
13	130516090	1	Cap	Tapa	Chapeau
			Kappe	Cappello	
14	130516089	1	Gasket	Empaquetadura.	Joint
			Dichtscheibe	Guarnizione	
15	130516092	2	Bolt	Perno	Boulon
			Masch.schraube	Bullone	
16	130516069	4	Washer	Arandela	Rondelle
			Unterlegscheibe	Rondella	
17	130516091	6	Screw	Tornillo	Vis
			Schraube	Vite	

K 9503 VBHK - 001 - D



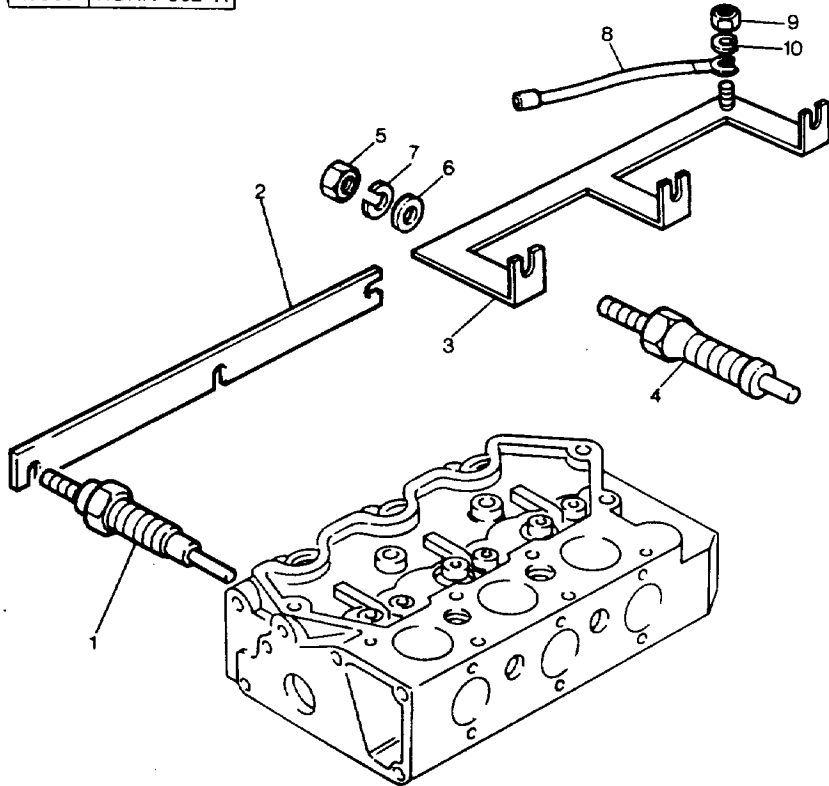
LOW PRESSURE FUEL SYSTEM  
 CIRCUIT CARBURANT BASSE PRESSION  
 KRAFTSTOFF-NIEDERDRUCKANLAGE  
 SISTEMA NAFTA A BASSA PRESSIONE  
 SISTEMA DE COMBUSTIBLE A BAJA PRESION

VBHK1399

PLATE D  
 PLAQUE D  
 PLATTE D  
 PIASTRA D  
 PLACA D

1	130976222	● 130976220	1	Bracket	Soporte Haltearm	Support fixation Supporto fissagg
2	011310816		1	Screw	Tornillo Schraube	Vis Vite
3	011310816		1	Screw	Tornillo Schraube	Vis Vite
4	068207224		1	Pipe,fuel	Manguito gasoil Dieselleitung	Tuyau, carburant Tubo nafta.
5	198346020	● 067100015	2	Clip	Crapa reten Schelle	Circlip Fermaglio
6	068207400	● 068207500	1	Pipe,fuel	Manguito gasoil Dieselleitung	Tuyau, carburant Tubo nafta.
7	198346020	● 067100015	2	Clip	Crapa reten Schelle	Circlip Fermaglio
8	130306041		1	Fuel filter	Filtro gas oil Kraftstofffilter	Filtre carburant Filtro nafta
9		8 ➡ REF.8	1	Head	Culata Kopf	Tete Testa
10	052100440	8	1	O ring	Junta torica O-ring	Joint torique Anello or
11	130366040	8	1	Element,fuel	Filtro gasoil Dieselfilter	Element, carbura Elem.combustib.
12	130336031	8	1	Container	Contenedor Behaelter	Cuve Contentitore
13	130446090	8	1	Ring	Aro Ring	Anneau Anello
14	130446080	8	2	Plug	Tapon Verschl.stopfen	Bouchon Tappo
15	130326120	8	2	Washer	Arandela Unterlegscheibe	Rondelle Rondella
16	010100865		1	Screw	Tornillo Schraube	Vis Vite

K9520 WDHK-002-A



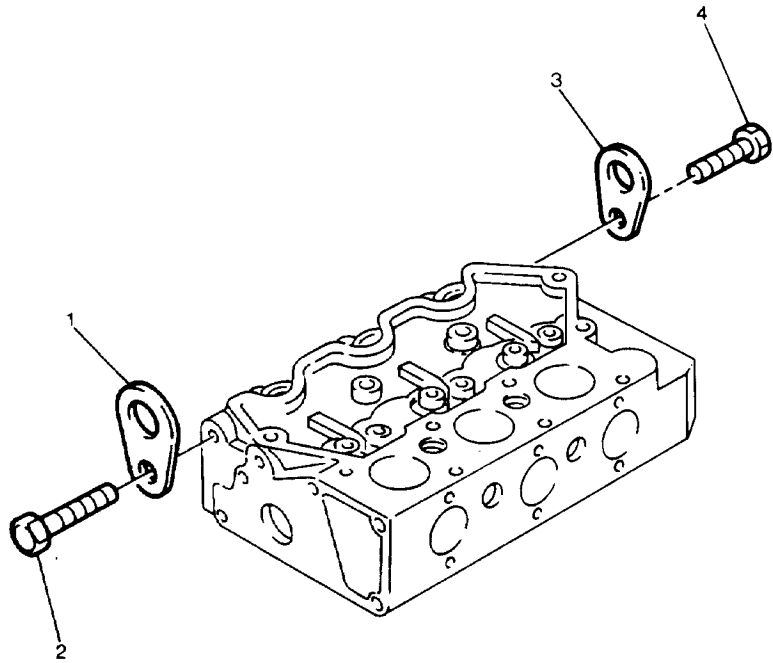
COLD START SYSTEM  
DIPOSITIF DEPART A FROID  
KALTSTARTANLAGE  
AVVIAMENTO A FREDDO  
SISTEMA DE ARRANQUE EN TIEMPO FRIO

WDHK0197

\_ATE A  
PLAQUE A  
PLATTE A  
PIASTRA A  
PLACA A

1	185366060	3	Heater	Calentador Heizung	Chauffage Riscaldatore
2	185376170	1	Bar	Barra Stab	Barre Barra

K9530 XBHK-001-A



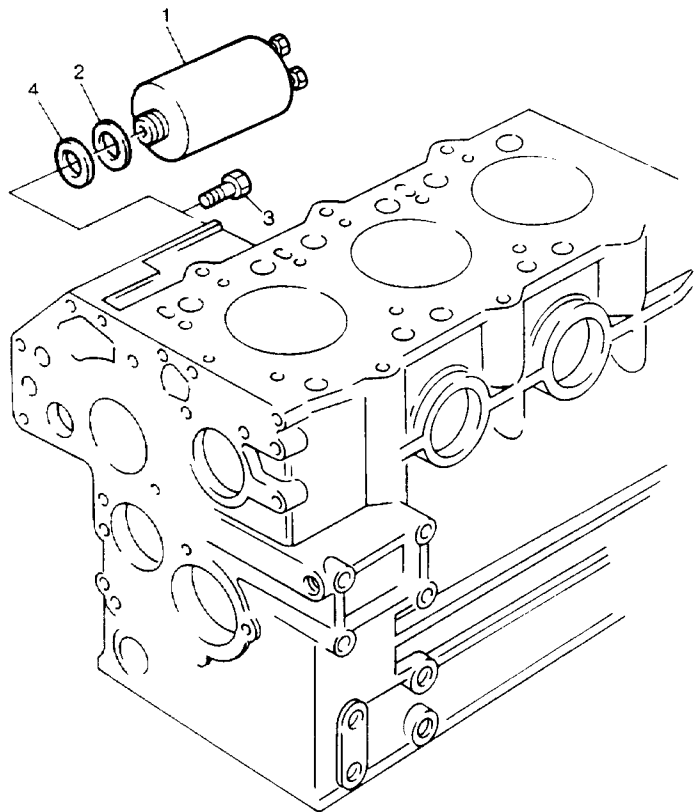
ENGINE LIFTING  
LEVAGE MOTEUR  
MOTORHEBEOESEN  
SOLLEVAMENTO MOTORE  
PLACA LEVANTADORAS DEL MOTOR

PLATE A  
PLAQUE A  
PLATTE A  
PIASTRA A  
PLACA A

XBHK0308

1	195816200	1	Plate	Plato Platte	Plaque Piastra
2	011310816	1	Screw	Tornillo Schraube	Vis Vite
3	195816200	1	Plate	Plato Platte	Plaque Piastra
4	011310816	1	Screw	Tornillo Schraube	Vis Vite

K9540 ZAHK-003-A



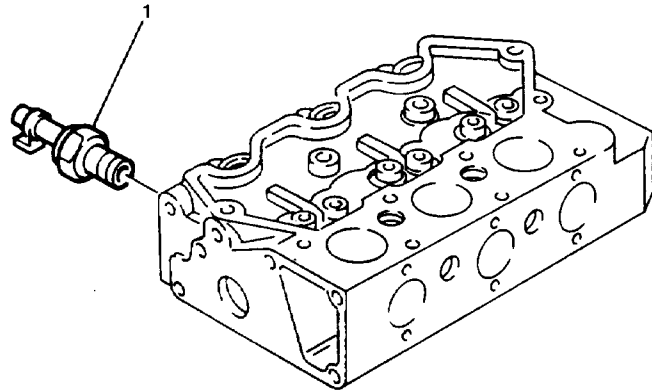
THROTTLE AND STOP CO. ROLS  
CONTROLE ACCELERATION ET STOP  
GAS-UND ABSTELLHEBERL  
COMANDO AVVIAMENTO ED ARRESTO  
MANDOS DEL ACELERADOR Y PARADA

\_ATE A  
PLAQUE A  
PIASTRA A  
PLACA A

ZAHK0519

1	185206082	● 185206081	1	Solenoid	Solenoid Magnetspule	Solenoid Solenoid
2	025100016		1	Washer	Arandela Unterlegscheibe	Rondelle Rondella

K9600 ZJHK-001-A

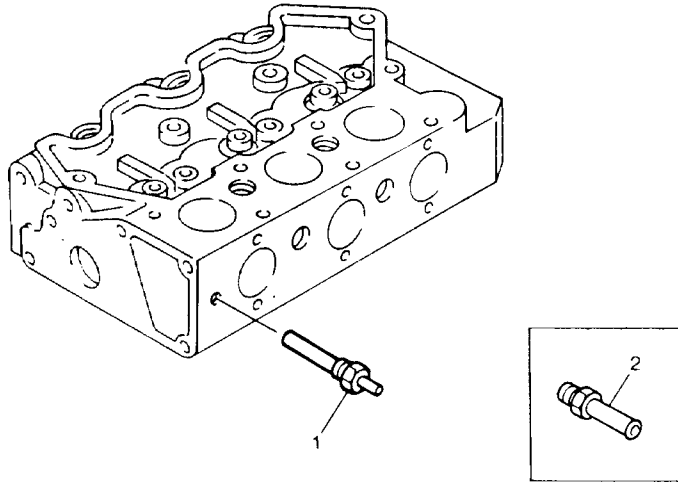


LUB. OIL PRESSURE SWITCH AND GAUGE  
MANO. CONTACT PRESSION D'HUILE ET MANOMETRE  
OELDRUCKSCHALTER UND OELDRUCKMANOMETER  
MANO. E INTERRUPTORE PRESSIONE OLIO  
TRANSMISOR E INDICADOR DE LA PRESION DE ACEITE LUB.  
ZJHK0404

PLATE A  
PLAQUE A  
PLATTE A  
PIASTRA A  
PLACA A

1	185246060	1	Switch	Interruptor Schalter	Interrupteur Interruttore
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K9620 ZLHK-002-A



TEMPERATURE GAUGE AND SENDER  
MANOMETRE TEMPERATURE TRANSMETTEUR  
TEMPERATURANZEIGER UND-GEBER  
BULBO E MANOMETRO TEMPERATURA  
INDICADOR Y TRANSMISOR DE TEMPERATURA

ZLHK0180

PLATE A  
PLAQUE A  
PLATTE A  
PIASTRA A  
PLACA A

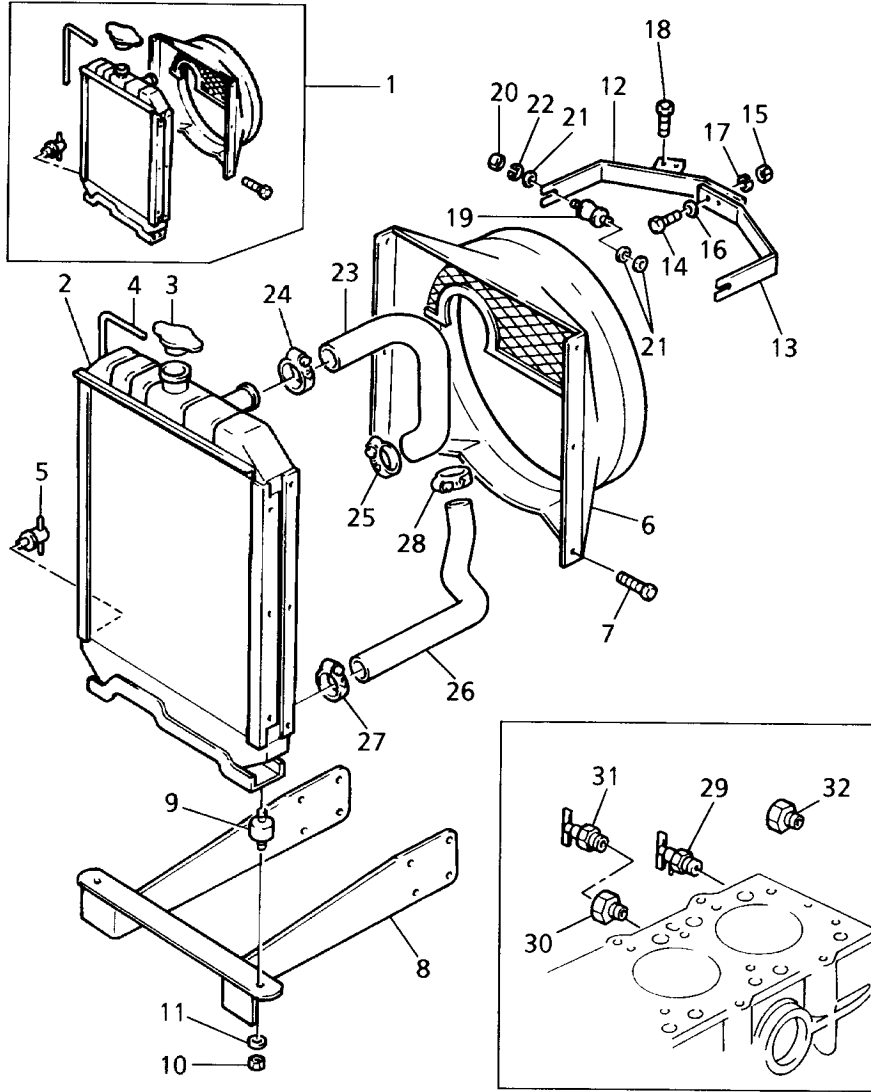
1	385720230	●	385720101	1	Sender	Emisor Geber	Emetteur Emittente
---	-----------	---	-----------	---	--------	-----------------	-----------------------

RADIATOR AND COWLING  
 RADIAEUR ET CAPOTAGE  
 WASSERKUEHLER UND LEITBLECH  
 RADIATORE E COPERCHIO  
 RADIADOR Y CAPO

PLATE A  
 PLAQUE A  
 PLATTE A  
 PIASTRA A  
 PLACA A

K9630 ZMHK-003-A

ZMHK0262



29 198736052

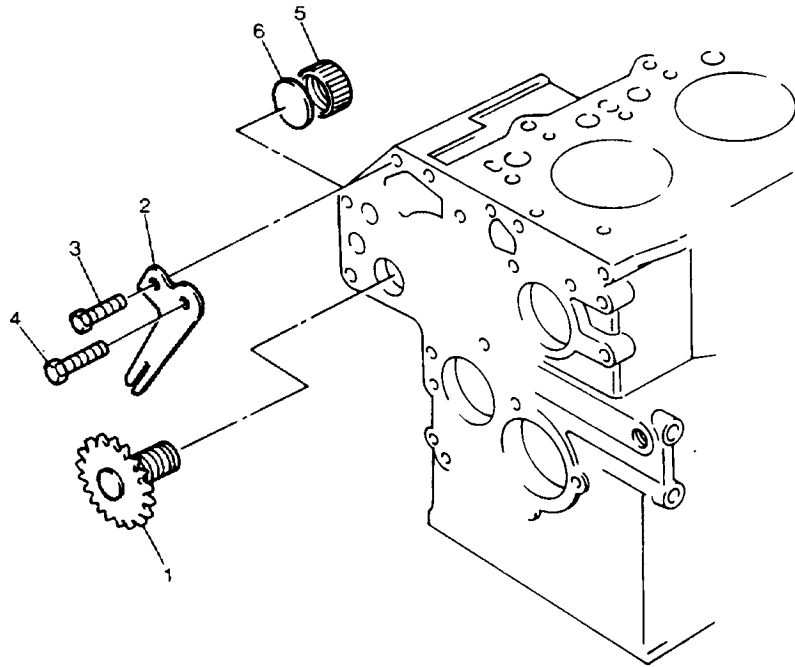
1 Cock

Aguja indicadora  
 Absperrhahn

Robinet  
 Rubinetto



K9650 ZQHK-001-A



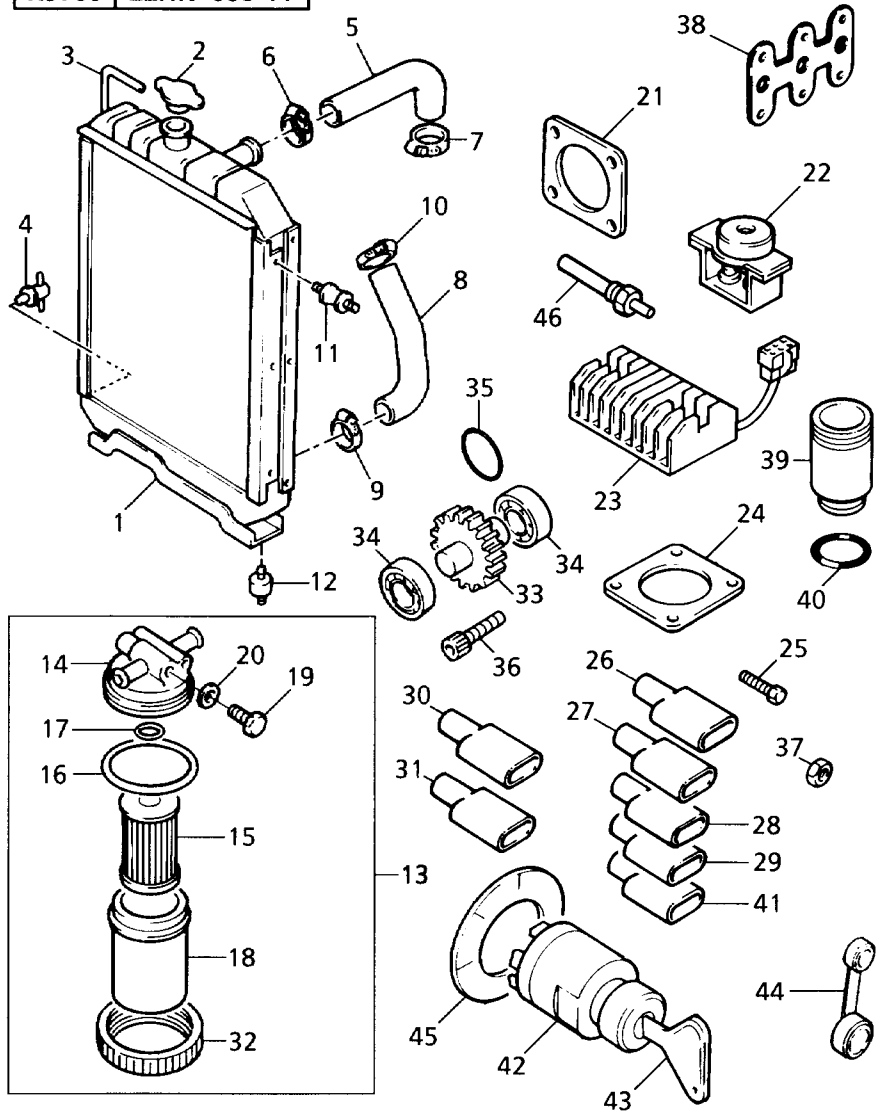
TACHOMETER AND HOUR \_CORDER  
 COMPTE-TOURS ET COMPTEUR D'HEURES  
 TACHOMETER UND STUNDENZAEHLER  
 TACHIMETRO E CONTAORE  
 TAQUIMETRO Y CONTADOR DE HORAS

ZQHK0523

.ATE A  
 PLAQUE A  
 PLATTE A  
 PIASTRA A  
 PLACA A

1	120076070	1	Shaft	Arbol Welle	Arbre Albero
2	199566651	1	Plate	Plato Platte	Plaque Piastra
3	011310612	1	Screw	Tornillo Schraube	Vis Vite
4	010700610	1	Screw	Tornillo Schraube	Vis Vite
5	199376230	1	Cap	Tapa Kappe	Chapeau Cappello
6	120996060	1	Seal	Reten Dichtring	Bague etancheite Paraolio

K9700 ZZHK -006- A



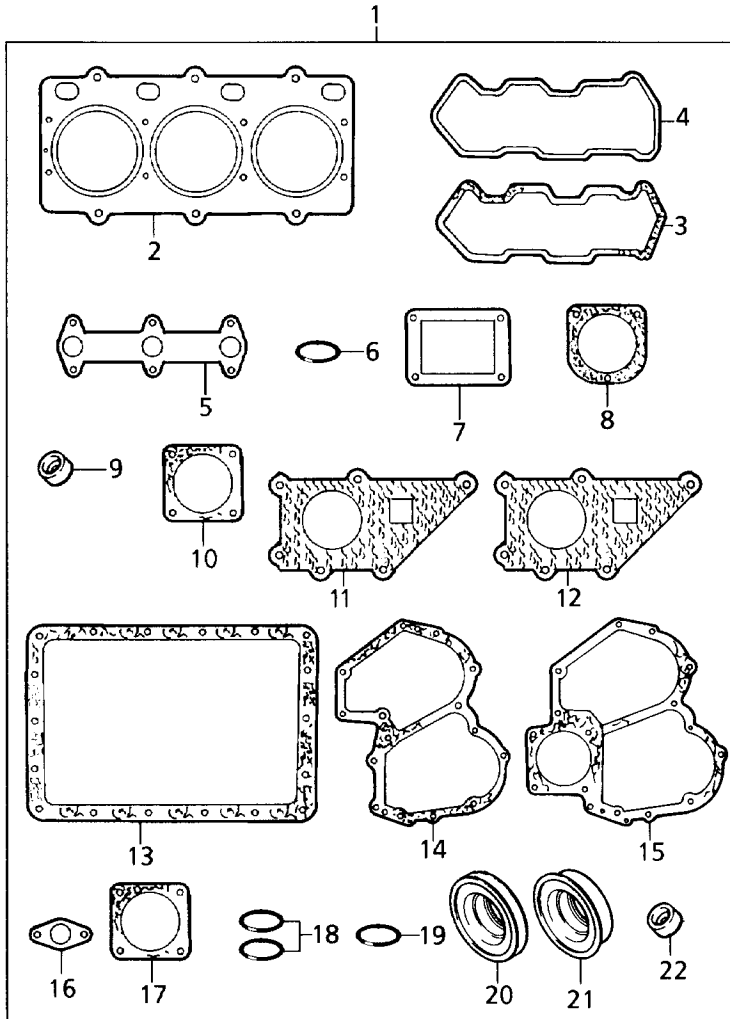
APPLICATION MISCELLANEOUS AND AUXILIARIES  
 APPLICATIIONS DIVERSES ET AUXILIARES  
 GERAETEZUBEHOER UND NEBENAGGREGATE  
 APPLICAZIONI VARIE  
 EQUIPO MISCELANEO Y AUXILIAR

PLATE A  
 PLAQUE A  
 PLATTE A  
 PIASTRA A  
 PLACA A

ZZHK0390

21	314990013	314990012	1	Joint	Junta Dichtung	Joint plat Giunto
22	185306091		1	Lamp	Faro Scheinwerfer	Phare Lampadina
23	185516060		1	Regulator	Regulador Regler	Regulateur Regolatore
24	314120070		1	Flange	Pletina Flansch	Flasque Flangia
25	011310825		4	Screw	Tornillo Schraube	Vis Vite
26	385620200		2	Connection	Conexion Verbindung	Connexion Connessione
27	385620010		1	Connection	Conexion Verbindung	Connexion Connessione
28	385620280		2	Connection	Conexion Verbindung	Connexion Connessione
29	385620270		1	Connection	Conexion Verbindung	Connexion Connessione
37	020100008		1	Nut	Tuerca Mutter	Ecrou Dado
42	385201160		1	Switch	Interruptor Schalter	Interrupteur Interruttore
43	385210060	42	1	Ignition key	Llave contacto Zuendschluessel	Cle de contact Chiave contatto
44	385800010	42	1	Cap	Tapa Kappe	Chapeau Cappello
45	390190030		1	Plate	Plato Platte	Plaque Piastra

K9723 SGBK - 002 - A



JOINTS AND GASKETS - COMPLETE SERVICE KIT  
 JEU DE JOINTS COMPLET  
 DICHRINGE UND DICHTUNGEN KOMPL.REP.-SATZ  
 SERLE COMPLETA GUARNIZIONI  
 JUNTAS Y EMPAQUETADURAS.JUEGO COMPLETO DE SERVICIO  
 SGBK0017

PLATE A  
 PLANCHE A  
 SEITE A  
 TAVOLA A  
 ILUSTRACION A

1	195906840	1	Kit,joint/gasket	Jgo.juntas/empaq Dichtungs-satz	Jeu de joints Kit guarn/giunto
2	111147390	1	Gasket	Empaquetadura. Dichtscheibe	Joint Guarnizione
3	111996330	1	Joint	Junta Dichtung	Joint plat Giunto
4	111996060	1	Joint	Junta Dichtung	Joint plat Giunto
5	135996520	1	Gasket	Empaquetadura. Dichtscheibe	Joint Guarnizione
6	052100400	1	Seal	Reten Dichtring	Bague etancheite Paraolio
7	130996070	1	Joint	Junta Dichtung	Joint plat Giunto
8	145996440	1	Joint	Junta Dichtung	Joint plat Giunto
9	120406080	3	Seal	Reten Dichtring	Bague etancheite Paraolio
10	314990013	1	Joint	Junta Dichtung	Joint plat Giunto
11	145996420	1	Joint	Junta Dichtung	Joint plat Giunto
12	145996430	1	Joint	Junta Dichtung	Joint plat Giunto
13	110996590	1	Joint	Junta Dichtung	Joint plat Giunto
14	165996400	1	Joint	Junta Dichtung	Joint plat Giunto
15	165996410	1	Joint	Junta Dichtung	Joint plat Giunto
16	130996070	1	Joint	Junta Dichtung	Joint plat Giunto
17	165996420	1	Joint	Junta Dichtung	Joint plat Giunto
18	052100100	2	O ring	Junta torica O-ring	Joint torique Anello or
19	052109076	1	O ring	Junta torica O-ring	Joint torique Anello or
20	198636090	1	Seal	Reten Dichtring	Bague etancheite Paraolio
21	198636080	1	Seal	Reten Dichtring	Bague etancheite Paraolio
22	131426200	3	Gasket	Empaquetadura. Dichtscheibe	Joint Guarnizione

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