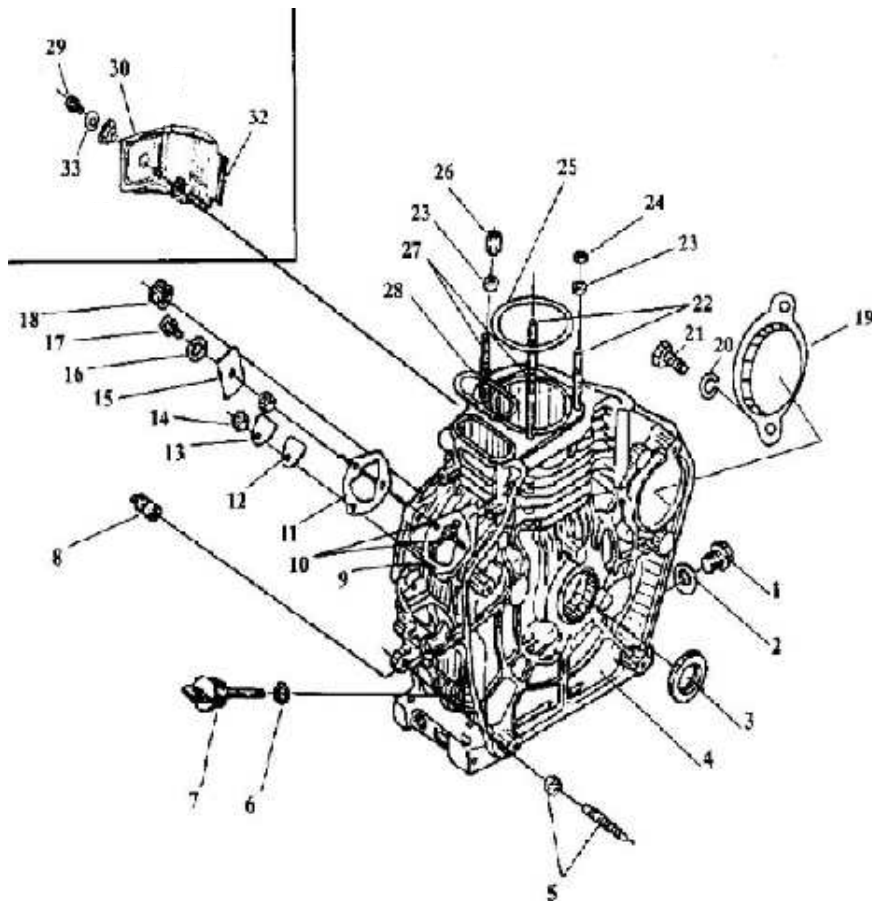


# **KAWASHIMA**

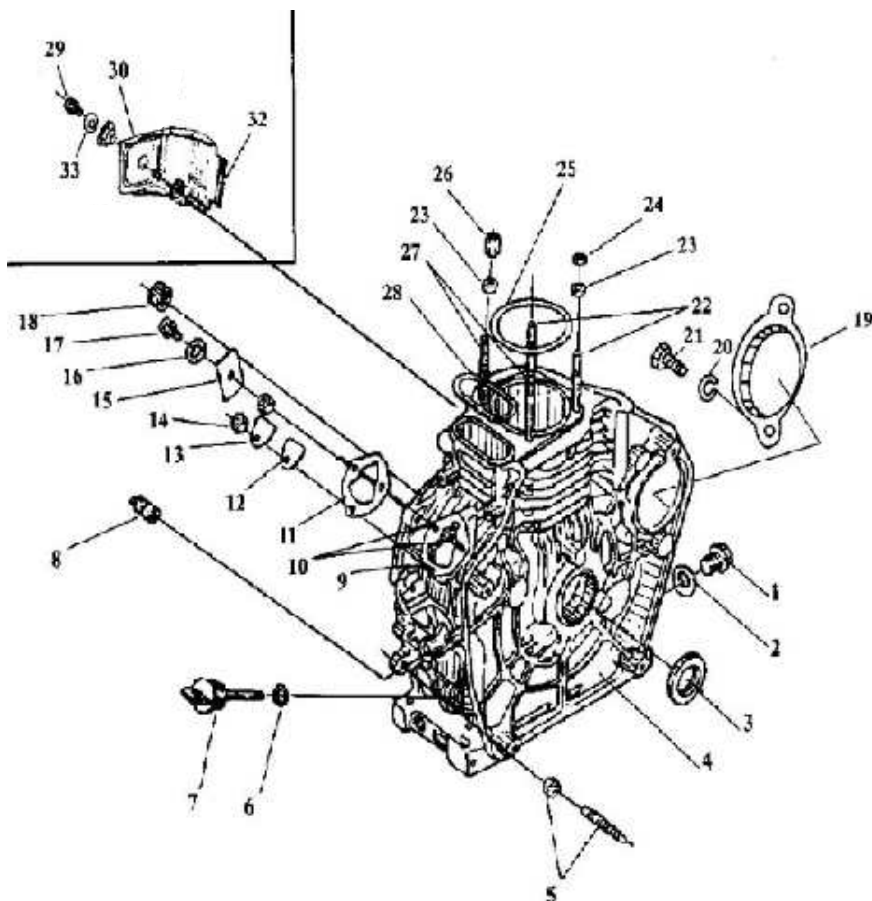
## **Manual de Vista Explodida**



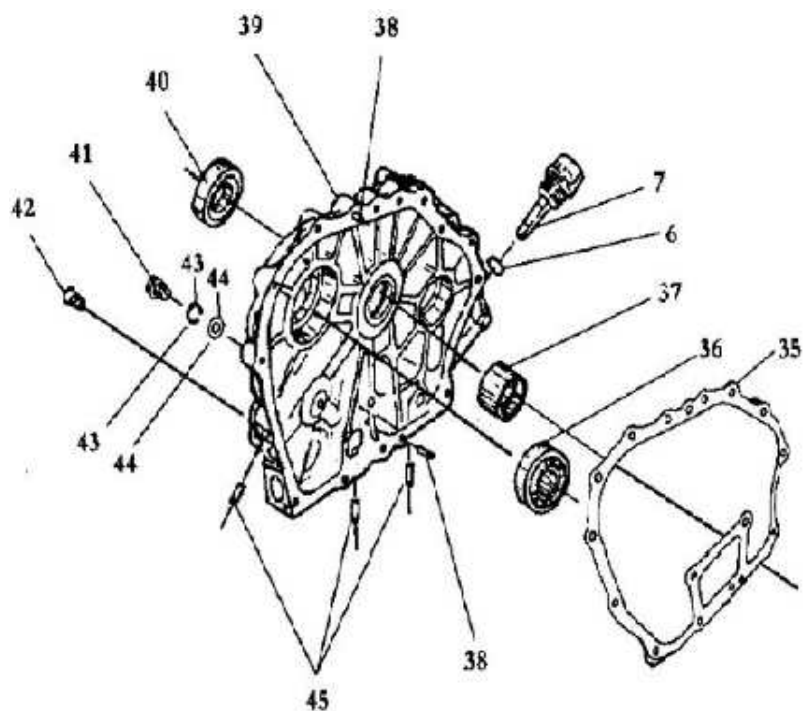
**Motor Estacionário Diesel DE 1000/1000-E**



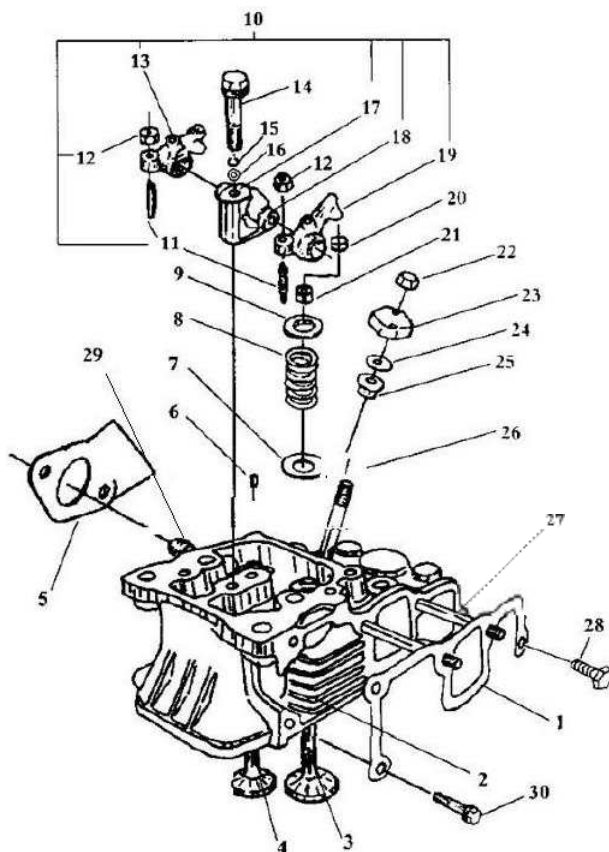
Ref.	Cod.CCM	Descrição
1	6501150	PLUGUE DRENO TDS
2	6501200	VEDACAO PLUGUE (COBRE)
3	6506670	RETENTOR OLEO 35X50X10
4	6503190	CILINDRO (BLOCO) MOTOR C/PART.LA178
5	6502180	AJUSTADOR ACELERADOR TDS
6	6505950	ANEL 'O' 24X2,4
7	6502610	BUJAO C/VARETA DE700/1000
8	6506770	ROLAMENTO AGULHA 7941/8
9	6501100	PARAFUSO PRIS.BBA.INJT.(CURTO)
10	6501090	PARAFUSO PRIS.BBA.INJT.(LONGO)
11	6501210	JUNTA CALSO BBA.INJT.
12	6501230	JUNTA TAMPA INSP.
13	6501220	TAMPA INSPECCAO
14	6505500	PORCA FLANG.M6
15	6501080	PLACA LATERAL
16	6506390	ARRUELA LISA D8
17	6505600	PARAFUSO SEXT.M8X12
18	6506760	ROLAMENTO AGULHA 7941/15
19	6501190	TAMPA MOTOR ARRANQUE.
20	6506560	ARRUELA PRES. D10
21	6505620	PARAFUSO SEXT.M10X16
22	6503200	PARAFUSO PRIS.CABECOTE (CURTO) DE1000
23	6503240	ARRUELA LISA DE1000
24	6503220	PORCA CABECOTE (CURTO) DE1000
25	6503260	VEDACAO CABECOTE CILIND.(COBRE)DE1000



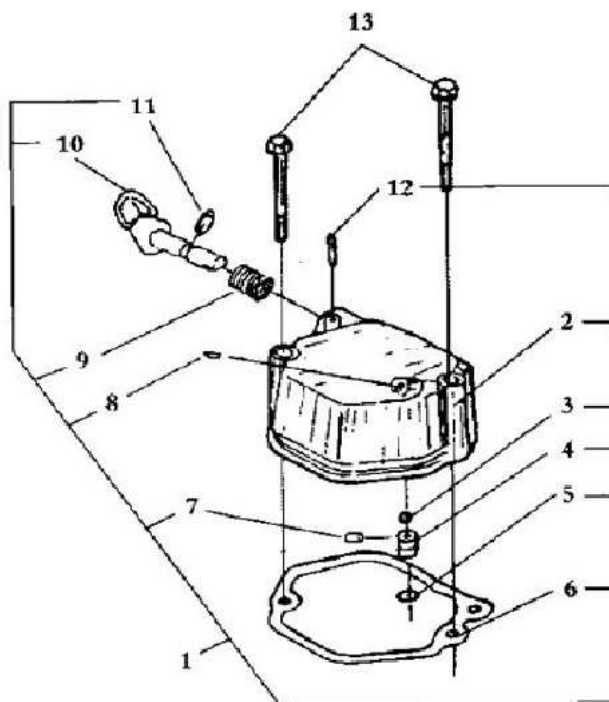
Ref.	Cod.CCM	Descrição
26	6503230	PORÇA CABECOTE (LONGO) DE1000
27	6503210	PARAFUSO PRIS.CABECOTE (LONGO) DE1000
28	6503250	ANEL VEDACAO CILINDRO (BORRACHA)DE1000
29	6505680	PARAFUSO SEXT. M6X14
30	6502720	CHAPA GUIA CILINDRO DE1000
32	6502750	AMORTECEDOR CHAPA GUIA DE700/1000
33	6506400	ARRUELA LISA D6
A01	6505360	JOGO DE JUNTAS DE1000



Ref.	Cod.CCM	Descrição
6	6505950	ANEL 'O' 24X2,4
7	6502610	BUJAO C/VARETA DE700/1000
35	6503280	JUNTA TAMPA P.T.O. (ALUMINIO) DE1000
36	6506720	ROLAMENTO ESFERA 6207 C3
37	6503270	BUCHA VIRABREQ. DE1000
38	6506620	PINO GUIA 8X12
39	6503290	TAMPA CARCACA P.T.O. DE1000
40	6506670	RETENTOR OLEO 35X50X10
41	6505610	PARAFUSO SEXT. M8X38
42	6501170	PLUGUE
43	6506530	ARRUELA PRES.D8
44	6506410	ARRUELA LISA D8
45	6501180	PINO D8x10



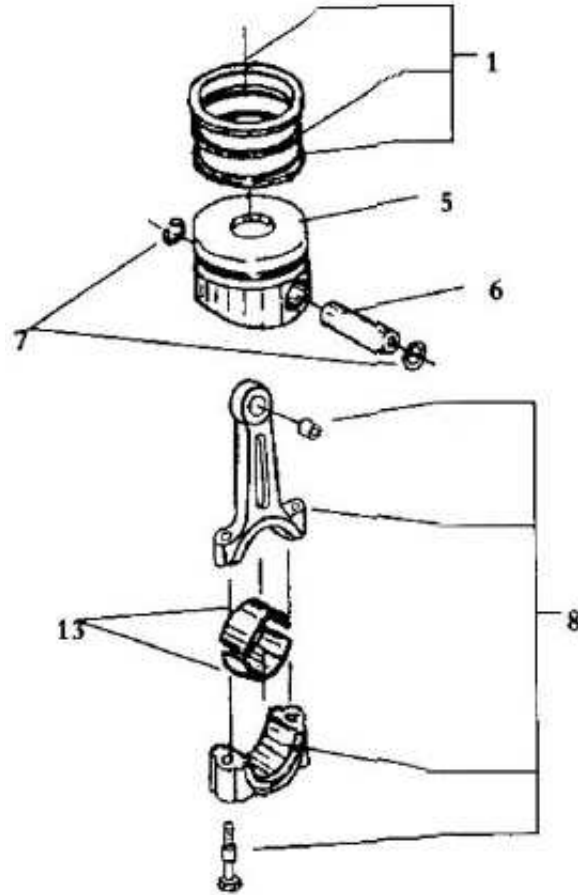
Ref.	Cod.CCM	Descrição
1	6503360	JUNTA COLETOR ESCAPE DE1000
2	6503430	CABECOTE CILINDRO SOMT.DE1000
3	6503320	VALVULA ADMISSAO DE1000
4	6503330	VALVULA ESCAPE DE1000
5	6503370	JUNTA SILENCIOSO DE1000
6	6506610	PINO GUIA D4X8
7	6503350	ASSENTO INFERIOR MOLA VALVULA DE1000
8	6503340	MOLA VALVULA DE1000
9	6503310	ASSENTO SUPERIOR MOLA VALVULA DE1000
10	6503390	BALANCIN CPL.DE1000
11	6501400	PARAFUSO AJUSTE VALVULAS TDS
12	6505460	PORCA M6X0,75 TDS
14	6503420	PARAFUSO SEXT.BALANCIN DE1000
15	6506420	ARRUELA PRES.D10
16	6506560	ARRUELA LISA D10
17	6503410	SUPORE BALANCIN DE1000
18	6503400	PINO EIXO BALANCIN DE1000
20	6503380	COLAR AJUSTE VALVULA DE1000
21	6503300	RETENTOR VALVULA (ACO) UNIT. DE1000
22	6505500	PORCA M6
23	6501300	CHAPA PRESILHA BICO INJ. TDS
24	6501350	ARRUELA LISA TDS
25	6501310	ESPAÇADOR BICO INJ. TDS
26	6505860	PARAFUSO PRIS.BICO INJ. M6X50
27	6505440	PARAFUSO PRIS.COLET.ADM. M6X75 DE1000
28	6505700	PARAFUSO SEXT.M6X22
29	6505870	PARAFUSO PRIS. M8X20
30	6505720	PARAFUSO SEXT. M6X28



Ref.	Cod.CCM	Descrição
1	6503460	TAMPA CABECOTE CPL. DE1000
2	6503440	TAMPA CABECOTE SMT. DE1000
3	6501490	ESFERA RESPIRO TDS
4	6501480	RESPIRO MOTOR TDS
5	6505930	ANEL 'O' 12X1,9
6	6503450	JUNTA TAMPA CABECOTE DE1000
7	6501180	PINO 8X10
8	6501500	PINO
9	6501450	MOLA DESCOMPRESSIONADOR TDS
10	6501470	ALAVANCA DESCOMPRESSIONADOR CPL.TDS
11	6505920	ANEL 'O' 10X1,9
12	6506590	PINO 3X16
13	6505430	PARAFUSO SEXT.M6X70

5. Pistão e biela

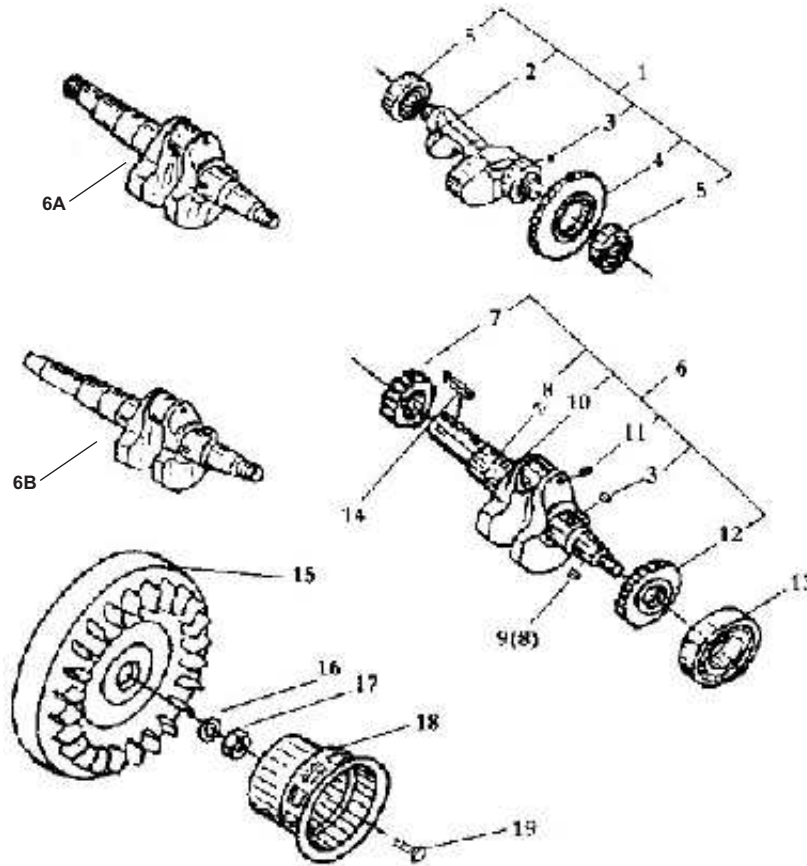
Motor Estacionário Diesel DE 1000/1000-E



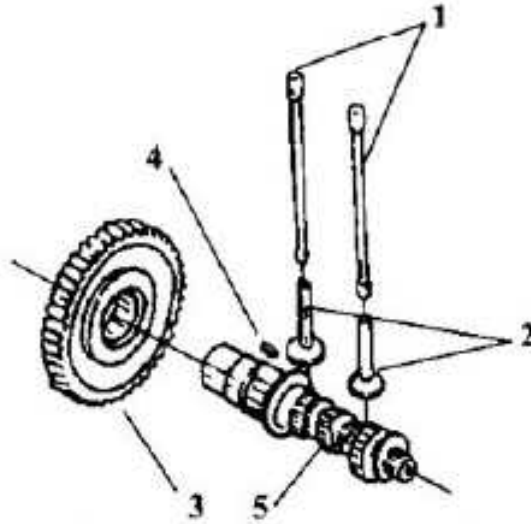
Ref.	Cod.CCM	Descrição
1	6503510	ANEIS SEGM.(JG) STD. DE1000
1	6505270	ANEIS SEGM.(JG) 0,25 DE1000
1	6505280	ANEIS SEGM.(JG) 0,50 DE1000
5	6503470	PISTAO SMT. STD.DE1000
5	6505220	PISTAO SMT. 0,25.DE1000
5	6505230	PISTAO SMT. 0,50.DE1000
6	6503480	PINO PISTAO DE1000
7	6505330	TRAVA PINO PISTAO D23 DE1000
8	6503490	BIELA S/CASQUILHO CPL. DE1000
13	6503500	CASQUILHO BIELA STD. DE1000
13	6505200	CASQUILHO BIELA 0,25 DE1000
13	6505210	CASQUILHO BIELA 0,50.DE1000

6. Virabrequim e volante

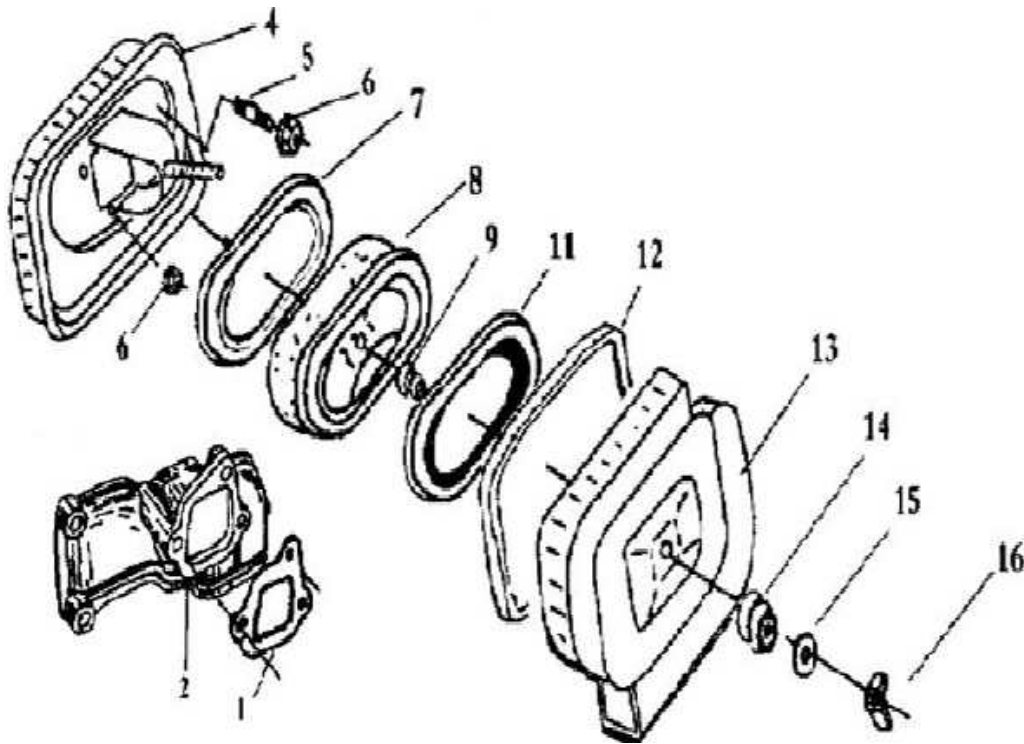
Motor Estacionário Diesel DE 1000/1000-E



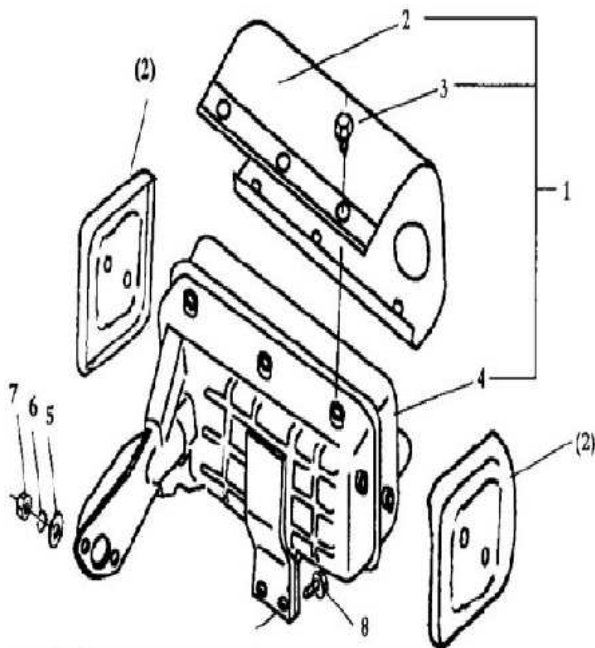
Ref.	Cod.CCM	Descrição
1	6503600	BALANCEIRO/CONTRAPESO CPL.DE1000
2	6503570	BALANCEIRO/CONTRAPESO DE1000
3	6506480	CHAVETA A5X7
4	6503560	ENGRENAGEM BALANCEIRO DE1000
5	6506690	ROLAMENTO ESFERA 6203
6	6505290	VIRABREQUIM CPL.DE1000-STD
6A	6505310	VIRABREQUIM P/MOTOBOMBA DE1000-DW
6B	6505300	VIRABREQUIM P/GERADOR DE1000-DG
7	6503550	ENGRENAGEM PONTO DE1000
8	6506490	CHAVETA A5X12
9	6506500	CHAVETA A5X14
11	6501650	PLUGUE 6X8 TDS
12	6503580	ENGRENAGEM BALANCEIRO DE1000
13	6506750	ROLAMENTO ESFERA 6308
14	6506510	CHAVETA P.T.O. C6X50 DE700F1/1000F1
15	6503590	VOLANTE S/CREMAL. DE1000
16	6503540	ARRUELA LISA VOLANTE DE1000
17	6503530	PORCA VOLANTE DE1000
18	6503520	POLIA ARRAST.PARTIDA DE1000
19	6505670	PARAFUSO M6X12



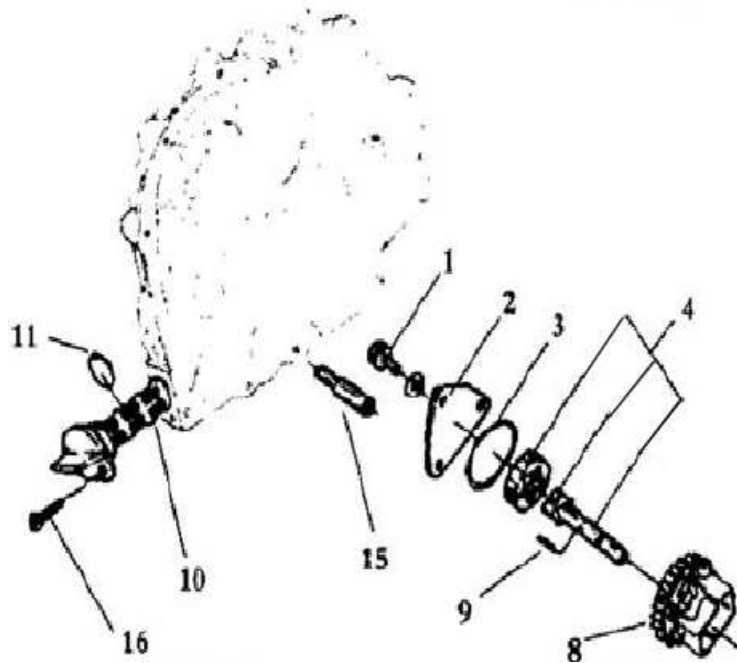
Ref.	Cod.CCM	Descrição
1	6503640	VARETA VALVULA DE1000
2	6503630	TUCHO VALVULA DE1000
3	6503620	ENGRENAGEM COMANDODE1000
4	6506470	CHAVETA EIXO COMANDO A4X14 DE1000
5	6503610	EIXO COMANDO DE1000



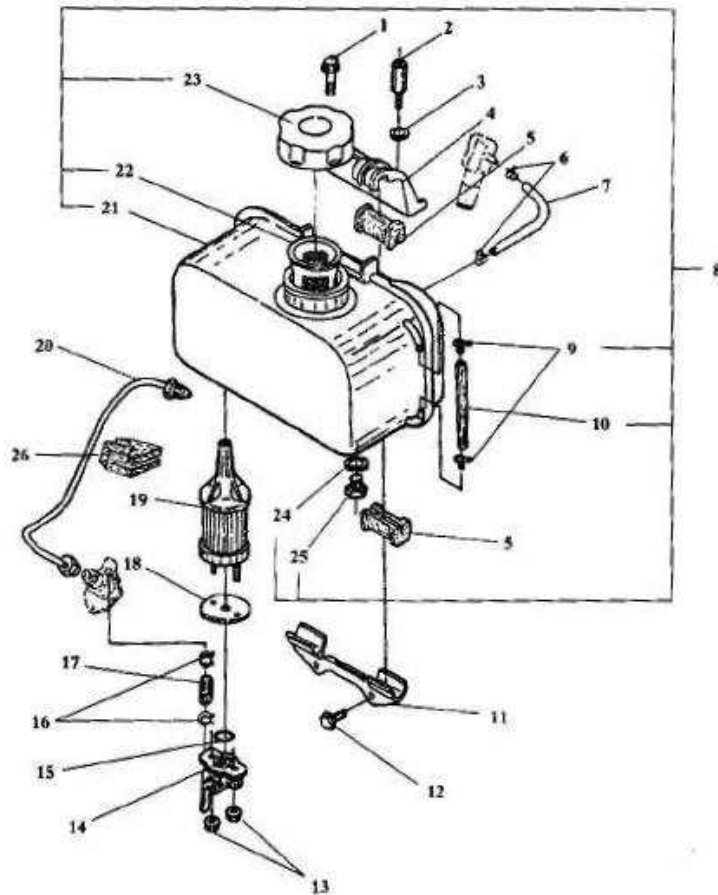
Ref.	Cod.CCM	Descrição
1	6503660	JUNTA COLETOR ADMISSAO DE1000
2	6503750	COLETOR ADMISSAO DE1000
3	6503760	FILTRO AR CPL. DE1000
3A	6505070	FILTRO AR BANHO OLEO (OPCAO)
4	6503720	CARCACA FILTRO AR DE1000
5	6505880	PARAFUSO PRIS.M6X22
6	6505500	PORCA FLANG.M6
7	6503740	PLACA INT.FILTRO AR DE1000
8	6503670	ELEMENTO FILTRO AR DE1000
8A	6505040	ELEMENTO FILTRO AR
9	6503680	ARRUELA BORR. P/ELEM. F.AR DE1000
10	6505500	PORCA FLANG.M6
11	6503700	ANEL BORR.VEDAC.ELEM.F.AR DE1000
12	6503730	VEDACAO EXT.FIL.AR (BORR) DE1000
13	6503690	TAMPA COBERT.FILTRO AR DE1000
14	6503710	ARRUELA BORR. P/TAMPA F.AR DE1000
15	6506410	ARRUELA LISA D8
16	6505530	PORCA BORBOLETA M8



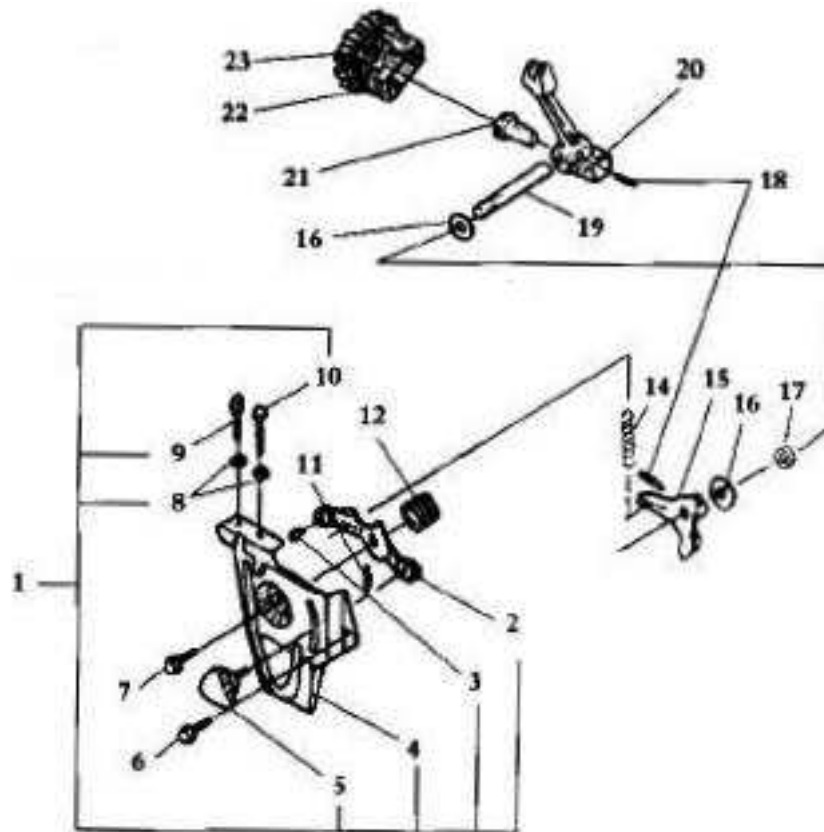
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1	6503790	SILENCIOSO CPL. DE1000
2	6503770	COBERTURA SILENCIOSO DE1000
3	6505740	PARAFUSO M6X8
4	6503780	SILENCIOSO SMT.DE1000
5	6506410	ARRUELA LISA D8
6	6506530	ARRUELA PRES.D8
7	6505470	PORCA M8
8	6505780	PARAFUSO SEXT.M8X12



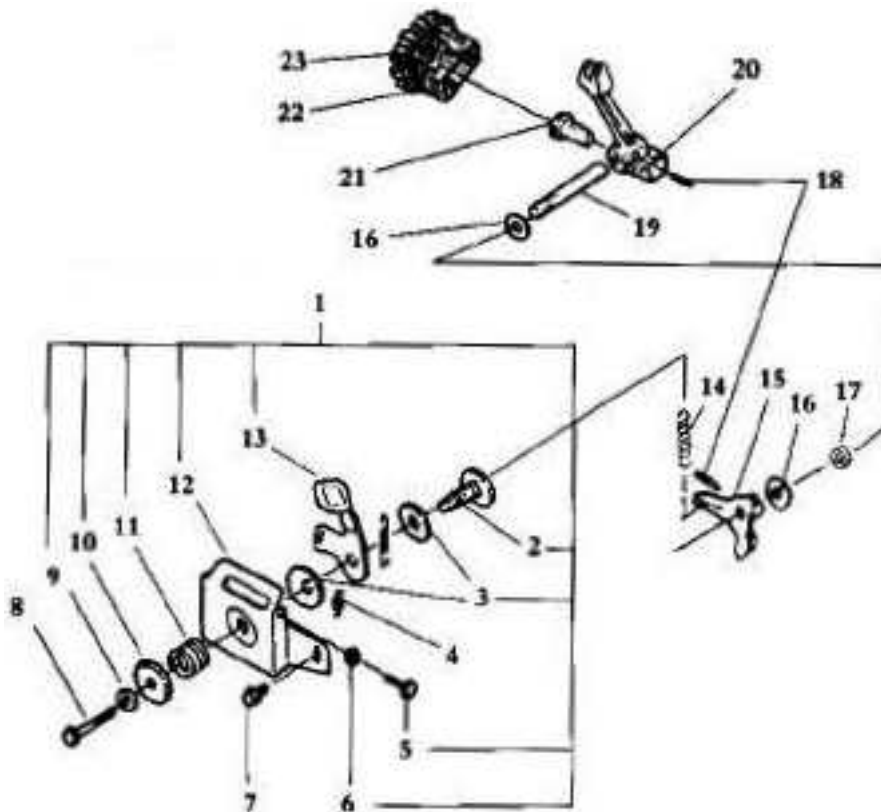
Ref.	Cod.CCM	Descrição
1	6505740	PARAFUSO SEXT.M6X8
2	6501870	COBERTURA BBA.OLEO TDS.
3	6505970	ANEL 'O' 34,8X1,8
4	6503820	BOMBA OLEO DE700/1000
8	6503800	GOVERNADOR C/CENTRIFUGO DE700/1000
9	6506590	PINO 3X16
10	6503050	ELEMENTO FILTRO OLEO DE700/1000
11	6505960	ANEL 'O' 25X2,4
15	6503810	TUBO ADMISSAO BOMBA OLEO DE700/1000
16	6505370	PARAFUSO SEXT.M6X14



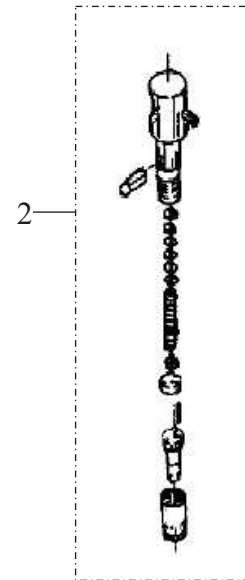
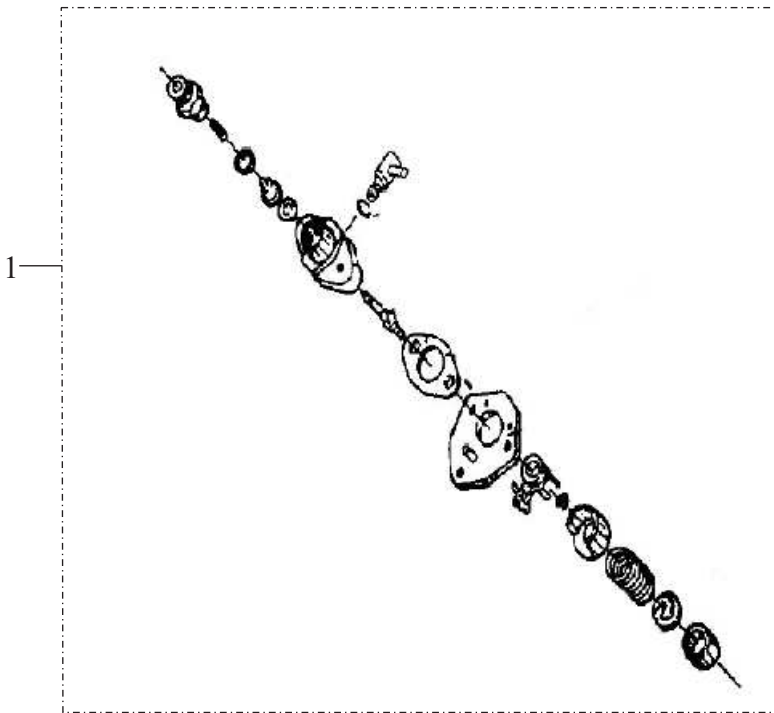
Ref.	Cod.CCM	Descrição
1	6505820	PARAFUSO SEXT.M8X45
2	6501940	PARAFUSO PRIS.MF P/SUP.TANQ. TDS
3	6506410	ARRUELA LISA D8
4	6503830	SUPORE SUP.TANQUE COMBUS. DE1000
5	6501930	AMORTECEDOR TANQ.COMBS. TDS
6	6502020	ABRACADEIRA MANG.RETORNO
7	6502010	MANGUEIRA RETORNO TDS
8	6503850	TANQUE COMBUS.CPL. DE1000
9	6501960	ABRACADEIRA MANG.MED.COMB.
10	6501970	MANGUEIRA CRISTAL VISOR COMBS.TDS
11	6502030	SUPORE INF.TANQUE COMBUS. TDS
12	6505680	PARAFUSO M6X14
13	6505500	PORCA M6
14	6502090	TORNEIRA COMBUST.CPL.TDS
15	6505940	ANEL 'O' 13,2X1,8
16	6502000	ABRACADEIRA MANGUEIRA
17	6501990	MANGUEIRA COMBS.TDS
18	6501980	JUNTA TORN/FILTRO COMBS.TDS
19	6503870	FILTRO COMBS.TANQUE DE1000
20	6503880	TUBO INJ.ALTA DE1000
21	6503860	TANQUE COMBUS.SMT. DE1000
22	6501950	FILTRO ENTRADA TANQUE COMBS. TDS
23	6502050	TAMPA TANQUE COMBS.TDS
24	6502040	VEDACAO BUJAO D12
25	6505840	BUJAO DRENO TANQ.COMBS. M12X12
26	6503840	AMORTECEDOR TUBO INJ.DE1000



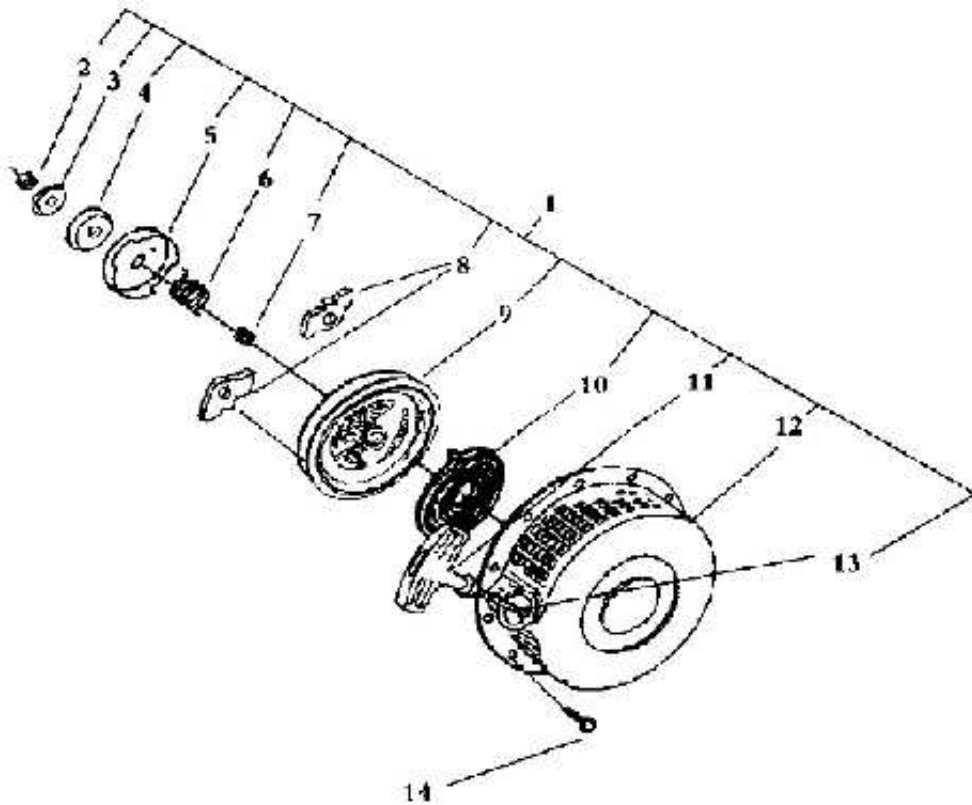
Ref.	Cod.CCM	Descrição
1	6502190	PAINEL CONTROLE CPL.ESTC./MBBA.
2	6502220	ALAVANCA CONTROLE ACEL.TDS.
3	6502210	PERMO ACELERADOR TDS
4	6502230	PAINEL CONTROL.ACEL.SMT.TDS
5	6502200	MANOPLA ACELERADOR TDS.
6	6505680	PARAFUSO SEXT.M6X14
7	6505690	PARAFUSO SEXT.M6X20
8	6505450	PORCA M6
9	6502240	PARAFUSO REG.PASSA CABO TDS.
10	6502250	PARAFUSO LIMITADOR ACEL.TDS.
11	6502150	MOLA RETORNO ACEL.TDS.
12	6502140	ARRUELA MOLA FREIO ACEL.TDS.
14	6503890	MOLA GOVERN.TDS.
15	6502160	ALAVANCA CONTROLE GOVN.TDS.
16	6502130	ARRUELA LISA ALAV.GOVN.TDS.
17	6506630	RETENTOR OLEO 8X14X5
18	6506600	PINO 3X22
19	6502170	EIXO ALAV.GOVN.TDS
20	6503900	ALAVANCA (FORQUILHA)GOVN.TDS
21	6503110	TUCHO GOVERNADOR TDS.
22	6502110	CENTRIFUGO GOVERN. TDS.
23	6502120	PINO CENTRIFUGO TDS.



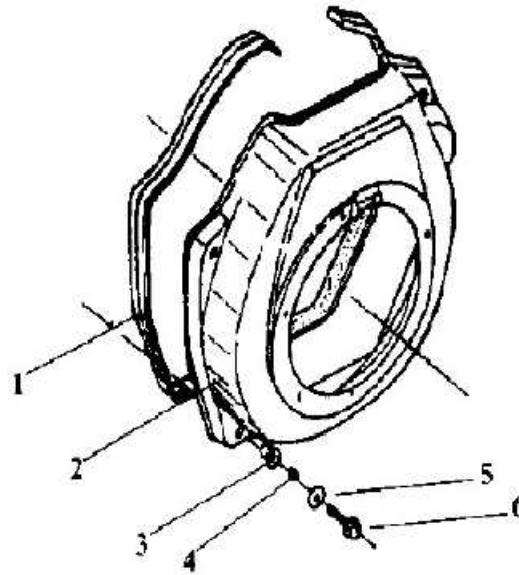
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1	6502260	PAINEL CONTROLE CPL.FG
2	6502270	PERNO ACEL. TDS.
3	6502280	ARRUELA PERNO
4	6502150	MOLA RETORNO ACEL.TDS.
5	6502250	PARAFUSO LIMITADOR ACEL.TDS
6	6505450	PORCA M6
7	6505680	PARAFUSO SEXT.M6X14
8	6505730	PARAFUSO SEXT.M6X30
9	6505490	PORCA M10X1,25
10	6502320	ARRUELA MOLA FRICCAO
11	6502310	MOLA HELIOC.
12	6502300	PAINEL CONTROLE SMT.FG
13	6502290	ALAVANCA ACEL.FG
14	6503890	MOLA GOVERN.TDS.
15	6502160	ALAVANCA CONTROLE GOVN.TDS.
16	6502130	ARRUELA LISA ALAV.GOVN.TDS.
17	6506630	RETENTOR OLEO 8X14X5
18	6506600	PINO 3X22
19	6502170	EIXO ALAV.GOVN.TDS
20	6503900	ALAVANCA (FORQUILHA)GOVN.TDS
21	6503110	TUCHO GOVERNADOR TDS.
22	6502110	CENTRIFUGO GOVERN. TDS.
23	6502120	PINO CENTRIFUGO TDS.



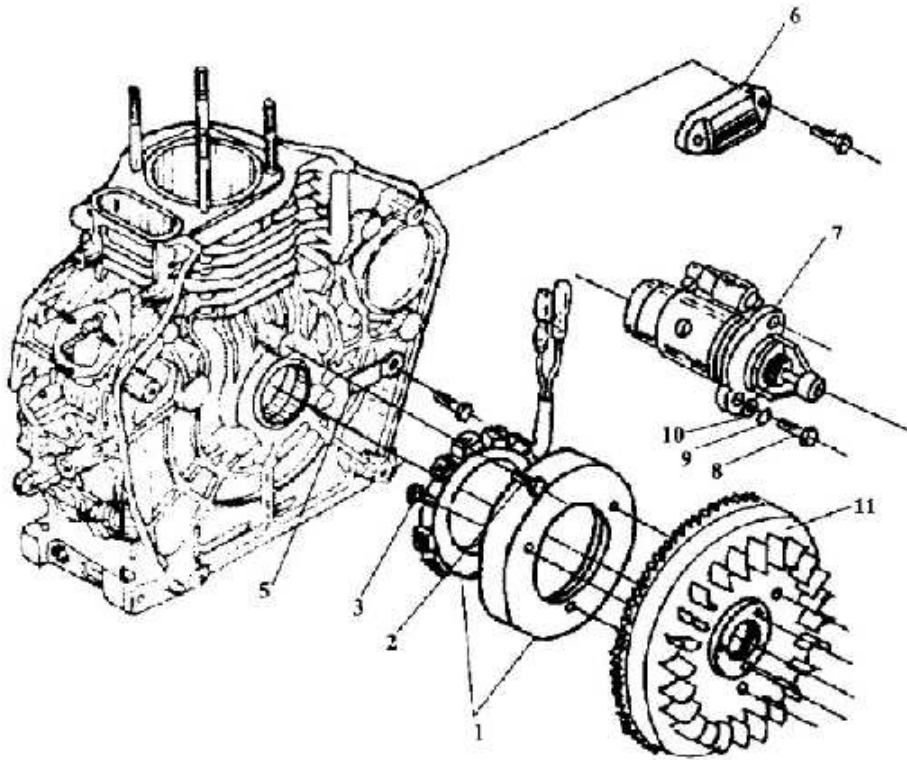
Ref.	Cod.CCM	Descrição
1	6503910	BOMBA INJETORA DE1000
2	6503920	BICO INJETOR CPL.DE1000



Ref.	Cod.CCM	Descrição
1	6503930	TAMPA PARTIDA CPL.DE1000
2	6505770	PORCA M8
3	6502440	ARRUELA FRICCAO TDS
4	6502470	PLACA FRICCAO TDS
5	6503940	ARRASTADOR TRINQUETE DE1000
6	6502460	MOLA ARRASTADOR TRINQUETE TDS
7	6502430	MOLA HELIOC.TRINQUETE TDS
8	6502420	TRINQUETE PARTIDA TDS
9	6503970	CARRETEL PARTIDA DE1000
10	6503960	MOLA RECUO PARTIDA DE1000
11	6502480	MANIPULO DE ARRANQUE TDS
12	6503980	TAMPA PARTIDA SMT.DE1000
13	6503950	CORDAO PARTIDA DE1000
14	6505740	PARAFUSO SEXT. M6X8



Ref.	Cod.CCM	Descrição
1	6503990	AMORTECEDOR BORR.CARC.VENT.DE1000
2	6504000	CARCACA VENTIL. DE1000
3	6502570	AMORTECEDOR BORR.(ARRUELA) TDS
4	6502580	ESPACADOR 10X10
5	6506430	ARRUELA LISA D6
6	6505560	PARAFUSO SEXT.M6X22



MODELO DE 1000-E

Ref.	Cod.CCM	Descrição
1	6502550	ALTERNADOR CPL.TDS
2	6505550	PARAFUSO SEXT.M6X20
3	6505410	PARAFUSO FENDA M6X12
4	6505670	PARAFUSO SEXT.M6X12
5	6502520	PRESILHA CABO ELETR.
6	6502530	REGULADOR TENSAO TDS.
7	6502540	MOTOR ARRANQUE TDS.
8	6505630	PARAFUSO SEXT.M10X35
9	6506420	ARRUELA LISA D10
10	6506560	ARRUELA PRES. D10
11	6503650	VOLANTE MAGNETICO PARTIDA TDS.
	6505050	CHAVE DE IGNICAO TDS
	6505060	SOLENOIDE PARTIDA TDS.

# **KAWASHIMA**

*Produto importado e distribuído por:*



**CCM DO BRASIL**

**[www.ccmdobrasil.com.br](http://www.ccmdobrasil.com.br) - [info@ccmdobrasil.com.br](mailto:info@ccmdobrasil.com.br)**

**CNPJ: 76.068.311/0001-54**