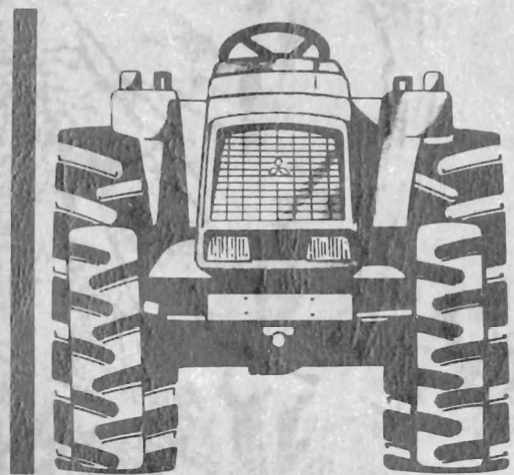


**MITSUBISHI
TRACTOR
MT210D, 210
MT250D, 250
PARTS
CATALOGUE**



MITSUBISHI AGRICULTURAL MACHINERY CO., LTD.

INTRODUCTION

1. Published to supersede the Part Catalogue Book No. M, 84, 05, R14 this catalogue is a list of all items of service or spare parts for the following tractors and engine.

Tractor model : MT210D (4-WHEEL DRIVE Model)
 MT210 (2-WHEEL DRIVE Model)
 MT250D (4-WHEEL DRIVE Model)
 MT250 (2-WHEEL DRIVE Model)

MODEL		EQUIPMENT					REMARKS
MT210 MT210D	MT250 MT250D	POWER STEERING	LIVE P.T.O	DRAFT CONTROL	SUPER LOW	BATTERY	
M21C,DC	M25C,DC	—	—	—	—	—	
M21CP,DCP	M25CP,DCP	○	—	—	—	—	
M21CL,DCL	M25CL,DCL	—	○	—	—	—	
M21CR,DCR	M25CR,DCR	—	—	○	—	—	
M21CPL,DCPL	M25CPL,DCPL	○	○	—	—	—	
M21CPR,DCPR	M25CPR,DCPR	○	—	○	—	—	
M21CLR,DCLR	M25CLR,DCLR	—	○	○	—	—	
M21CPLR,DCPLR	M25CPLR,DCPLR	○	○	○	—	—	
	M25,D	—	—	—	—	○	
	M25P,DP	○	—	—	—	○	
	M25L,DL	—	○	—	—	○	
	M25R,DR	—	—	○	—	○	
	M25PL,DPL	○	○	—	—	○	
	M25PR,DPR	○	—	○	—	○	
	M25LR,DLR	—	○	○	—	○	
	M25PLR,DPLR	○	○	○	—	○	
	M25DRU	—	—	○	—	○	For England
	M25DLU	—	○	—	—	○	
	M25DLRU	—	○	○	—	○	
	M25FL,DFL	—	○	—	—	○	Central Europe
	M25FRS,DFRS	—	—	○	○	○	
	M25FLR,DFLR	—	○	○	—	○	
	M25F,DF	—	—	—	—	○	
	M25DFPS	○	—	—	○	○	Middle East
	M25DYR	—	—	○	○	○	
	M25DYPR	○	—	○	○	○	

Engine model : K3D-13MT (MT210D, MT210)
 K3H-11A (MT250D, MT250)

2. The Book Number of this Parts Catalogue is M, 86, 04, R03
3. The part number contains the letter, C, G, T or N : this indicates the color as follows:

C : dark gray T : blue
 G : white N : black (matted)
 K : black J : black

4. Listed below are the symbols and abbreviations appearing in this Parts Catalogue:

4.1 Symbols

*	This mark appearing in "Part No." column indicates parts not to be supplied.
New part Old part A	New and old parts are mutually interchangeable.
New part Old part B	New part can be substituted for old part, but not vice versa. Thus, new part may be supplied to order asking for supply of old part.
New part Old part D	New and old parts are not interchangeable.
Added part	Indicated as "Added" in "Interchangeability" column. Its applicable serial number of tractor or engine appears in "Remarks" column.
○ : Old parts will be supplied until out of stock and thereafter new substitute parts will be supplied. (This mark appears in "Part No." column and corresponding old part numbers in "Remarks" column.) Tractor or engine serial numbers: ~□□□□□□□ Up to □□□□□□□ □□□□□□□ ~ □□□□□□□ and up	

4.2 Abbreviations

ASSY. : assembly	*L.H. : left hand	4WD	: MT210D,MT250D
AR : as required	*R.H. : right hand	2WD	: MT210,MT250
C : choice (selective use)	OP. : optional	210D,210	: MT210D,MT210
d : diameter	OS. : oversize	250D,250	: MT250D,MT250
*Fr. : front or forward	STD : standard	P/S	: power steering
*Re. : rear or rearward	t : thickness	DRAFT	: draft control
ℓ : length	US. : undersize	LIVE	: LIVE P.T.O
S/L : super low	S : set		

* The terms "left hand," "right hand," "front " and "rear" are as these directions would appear from the operator's seat facing forward

5. The 11-digit part numbers of bolts contain the letter (prefix) A, F or H; this indicates how bolts are supplied, as cited below:

A:	ordinary bolt
F:	bolt with spring washer
H:	bolt with spring washer and plain washer

INSTRUCTIONS FOR ORDERING PARTS

When ordering parts, give the following information:

EXAMPLE:

Model	Part No.	Part name	Q'ty
MT250D	1984 1213 000	COLLAR	1

THE IMPORTANCE OF GENUINE MITSUBISHI PARTS

Satisfactory and efficient service in the operation of your tractor is endangered by the use of inferior parts — in most cases, imitations, as such cheap parts invariably mean short life and high cost.

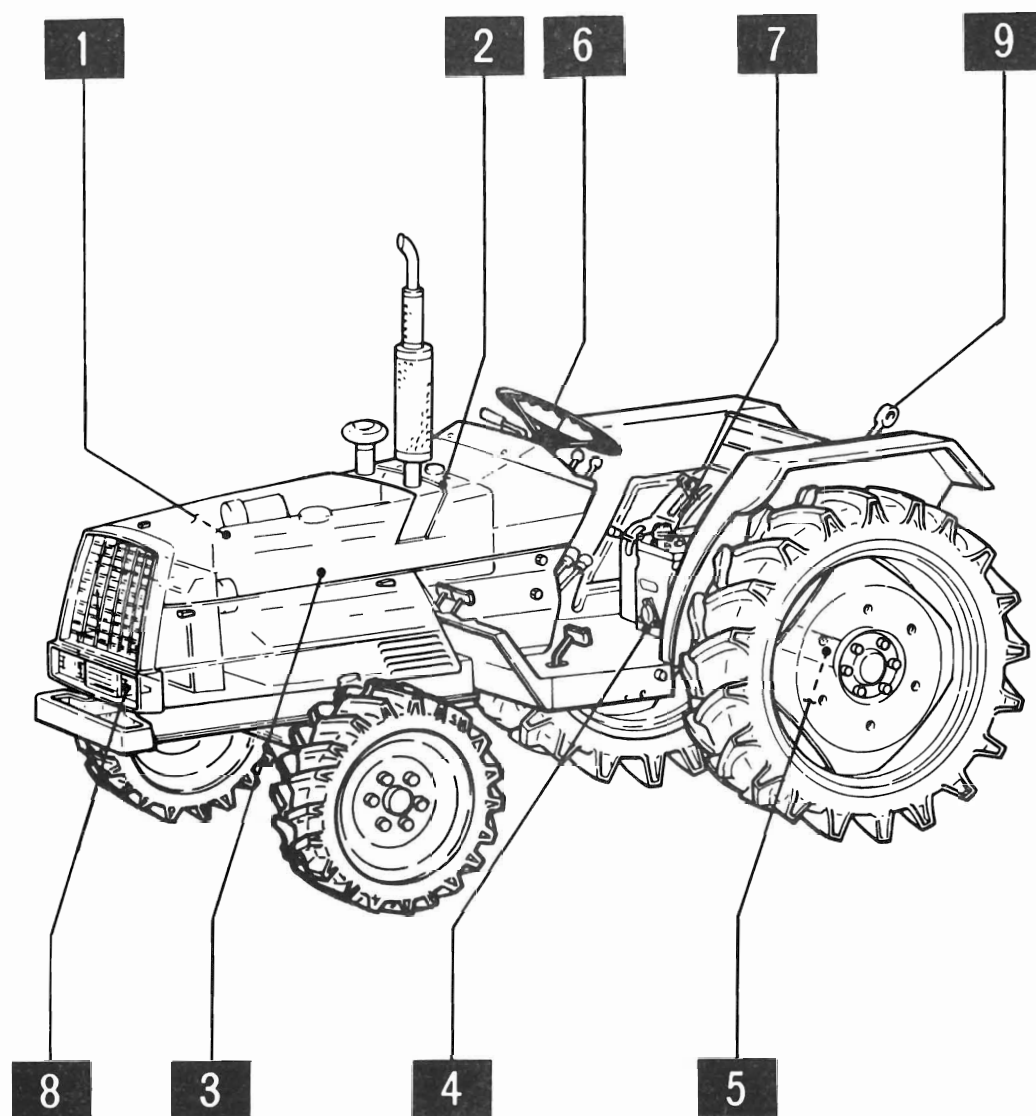
MITSUBISHI bears the full responsibility for the quality and fit of each part it supplies. Dealers carrying out repairs on MITSUBISHI products are urged to use **ONLY GENUINE PARTS** in order that the tractor may be maintained in the best possible operating conditions. The use of any part other than the **GENUINE MITSUBISHI PART** releases MITSUBISHI from any guarantee.

IMPLMENT

ASSY. NAME	ASSY.NUMBER	TRACTOR MODEL				REMARKS
		MT210	MT210D	MT250	MT250D	
WEIGHT FRONT WHEEL	1158 5170 0C1	○	—	○	—	4pcs./1set 12.5kg/1pcs.
WEIGHT REAR WHEEL	1167 5530 0C2	○	○	○	○	4pcs./1set 34kg/1pcs.
* BUMPER WEIGHT	1982 5040 0C0	○	○	○	○	
* FRONT P.T.O KIT	1984 5010 0C0	○	○	—	—	
* FRONT P.T.O KIT	1984 5020 0C0	—	—	○	○	
* ADAPTER KIT	1021 6040 000	○	○	○	○	
DRAFT CONTROL KIT	1984 6200 0C0	○	○	○	○	
* SUB CONTROL VALVE	1021 6000 0C1	○	○	○	○	
* SUB CONTROL VALVE	1021 6020 0C1	○	○	○	○	
* TAIL PIPE COVER	1982 5301 0K1	○	○	○	○	
ROTARY TILLER	1984 7100 0T0	○	○	○	○	MODEL MR-40
SPECIAL TOOL	1984 9000 000	○	○	○	○	
SUB CONTROL KIT	1984 610A 000	○	○	○	○	
SUB CONTROL KIT	1984 610B 000	○	○	○	○	
M KIT	1984 7000 000	—	—	○	○	

* See chapter 9

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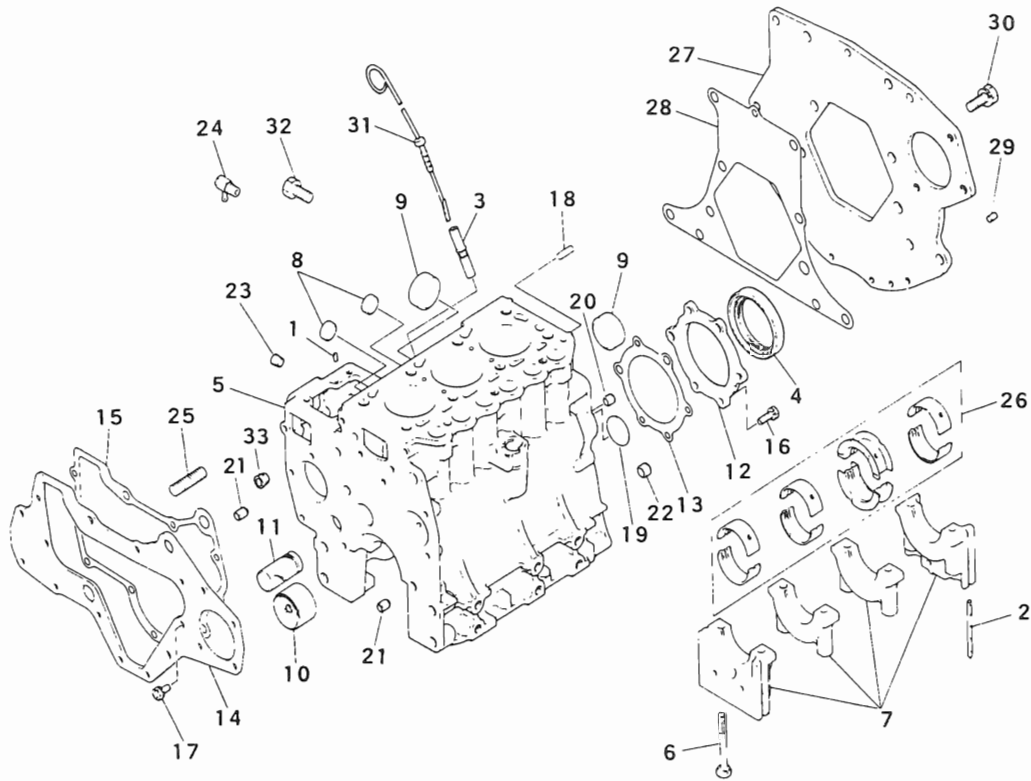
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E N G I N E

MT210D, 210 (K3D-13MT)

FIG.101 CRANK CASE

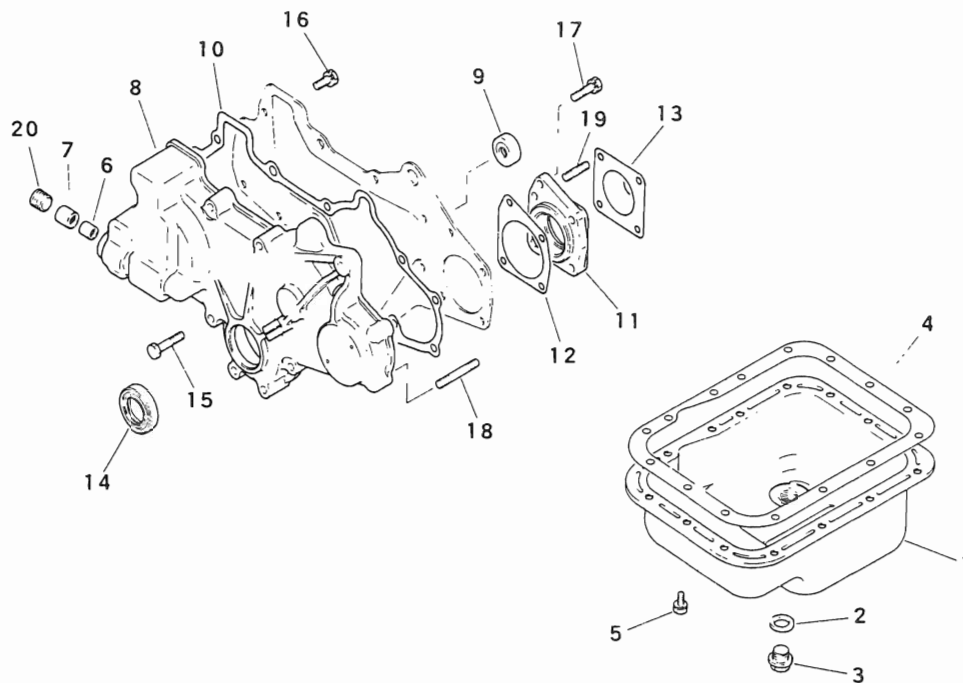


Key No	Parts No	Parts Name	Q'ty					Application	Description	Remarks
			ALL							
1	MM409645	PIN,dowel	2					14770~		
	○	PIN,dowel	2					A		MD000268
2	MM406228	SEAL,side	4							
3	MM430613	GUIDE,gauge	1					14770~		
	○	GUIDE,gauge	1					A		MM406235
4	MM406242	SEAL,oil	1							
5-10	MM413863	CYLINDER BLOCK	1					14770~		
	○	CYLINDER BLOCK	1					A		MM409795
5	*	CASE,crank	1							
6	MM406217	BOLT	8							
7	*	CAP,assy	1							
8	MF665538	CAP,sealing	2						φ25	
9	MF665543	CAP,sealing	2						φ45	
10	MM408176	BUSHING	1							
11	MM430113	SHAFT,idler	1					14770~		
	○	SHAFT,idler	1					A		MM408169
12	MM408200	CASE,oil seal	1							
13	MM408205	GASKET	1							
14	MM408221	PLATE,front	1							
15	MM408226	GASKET	1							
16	MF240054	BOLT,w/washer	6						M8X22	
17	MF240051	BOLT,w/washer	3					22139~	M8X16	
	○	BOLT,w/washer	3					A	M8X16	MF241251
18	MF472404	PIN,dowel	1							
19	MF665511	PLUG,expansion	1						φ40	
20	MS471104	BUSHING,knock	2							
21	MS471105	BUSHING,knock	2							
22	MS471110	BUSHING,knock	1							
23	MS661141	PLUG,taper	2					30574~	PT= 1/4	
	○	PLUG,taper	2					A	PT= 1/4	MS661121
24	MM408260	JOINT	1							
25	MF402635	STUD	2						M14X30	
26	MM408160	BEARING SET	1						S.T.D	
	MM408161	BEARING SET	1						0.25 U.S	
	MM408162	BEARING SET	1						0.50 U.S	

1

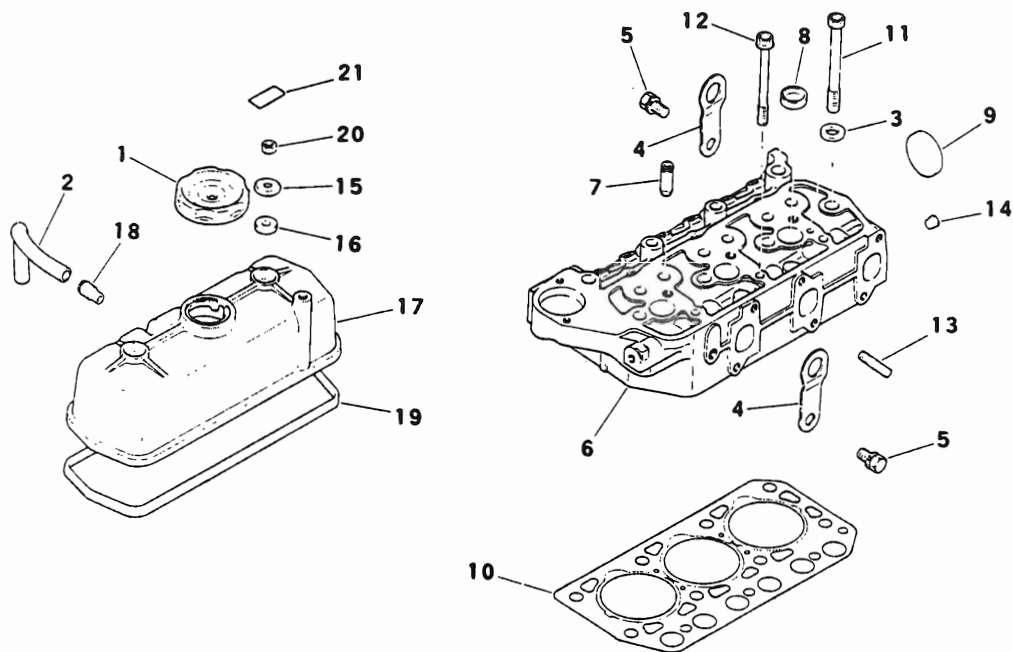
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FIG.102 OIL PAN & GEAR CASE



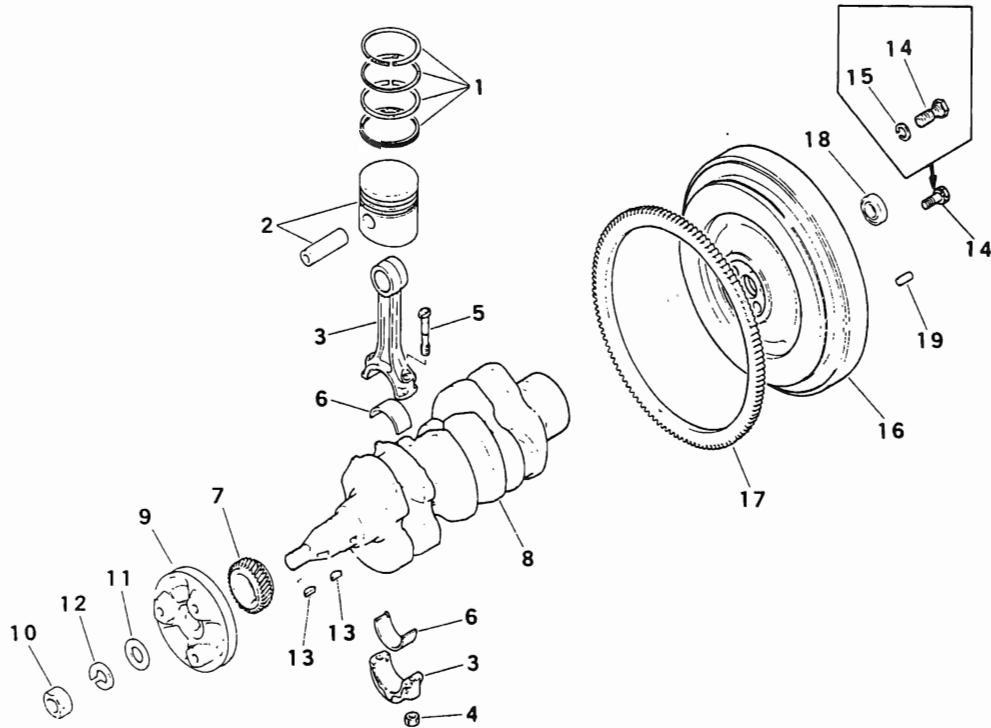
Key No	Parts No	Parts Name	Q'ty					P/P	Application	Description	Remarks
			ALL								
1~3	MM412636	OIL PAN ASS'Y	1								
1	*	PAN,oil	1								
2	MD000312	GASKET	1							φ18	
3	MD000318	PLUG,oil drain	1								
4	MM408321	GASKET,oil pan	1								
5	MF240051	BOLT,w/washer	15							M8X16	
6	MM406420	BEARING,needle	1								
7	MM406421	BEARING,needle	1								
8	MM408227	CASE,gear	1								
9	MM409718	PLUG,thrust	1								
10	MM408235	GASKET	1						8838~		
	○	GASKET	1					A			MM408236
11	MM409230	HOUSING	1								
12	MM409235	GASKET,housing	1								
13	MM401206	GASKET	1								
14	MD008762	SEAL,oil	1						35704~		
	○	SEAL,oil	1					A			K9413390
15	MF100064	BOLT	8							M8X45	
16	MF240051	BOLT,w/washer	2						22139~	M8X16	
	○	BOLT,w/washer	2					A		M8X20	MF240053
17	MF241257	BOLT,w/washer	1							M8X30	
18	MS401434	STUD	3							M8X42	
19	MF402565	STUD	1							M8X22	
20	MS661123	PLUG,taper	1							PT = 1/2	

FIG.103 CYLINDER HEAD



Key No	Parts No	Parts Name	Q'ty					P P	Application	Description	Remarks
			ALL								
1	MD008784	CAP,oil filter	1						26117~ B		
2	MM432044	PIPE,breather	1								
	○	PIPE,breather	1								MM408536
3	MD020733	WASHER	8								
4	MM408470	HANGER,engine	2								
5	MF241280	BOLT,w/washer	2							M10X20	
6-9	MM408394	CYLINDER HEAD	1								
6	*	HEAD,cylinder	1								
7	MM408441	GUIDE,valve	6								
8	MF665538	CAP,sealing	3							φ25	
9	MF665543	CAP,sealing	1							φ45	
10	MM408453	GASKET	1								
11	MM408481	BOLT	8							M12X98	
12	MM404316	BOLT	3							M10X90	
13	MF401936	STUD	1							M8X25	
14	MS661140	PLUG,taper	1						30574~ A		
	○	PLUG,taper	1							PT= 1/8	MS661120
15	MM408509	WASHER	2								
16	MD000523	SEAL,oil	2								
17, 18	MM408491	ROCKER COVER	1								
17	*	COVER,rocker	1								
18	K9644171	PIPE	1								
19	MM408501	GASKET	1								
20	MF430005	NUT	2							M8	
21	MM412726	LABEL,model	1								

FIG.104 MAIN MOVING PARTS



Key No	Parts No	Parts Name	Q'ty					F/P	Application	Description	Remarks
			ALL								
1	MM433050	RING SET,piston	3						33333~	S.T.D	
	○	RING SET,piston	3					B	25253~	S.T.D	MM431601
	○	RING SET,piston	3					A		S.T.D	MM406600
	MM433051	RING SET,piston	3						33333~	0.25 O.S	
	○	RING SET,piston	3					B	25253~	0.25 O.S	MM431602
	○	RING SET,piston	3					A		0.25 O.S	MM406601
	MM433052	RING SET,piston	3						33333~	0.50 O.S	
	○	RING SET,piston	3					B	25253~	0.50 O.S	MM431603
	○	RING SET,piston	3					A		0.50 O.S	MM406602
	MM433053	RING SET,piston	3						33333~	0.75 O.S	
	○	RING SET,piston	3					B	25253~	0.75 O.S	MM431604
	○	RING SET,piston	3					A		0.75 O.S	MM406603
2	MM433046	PISTON PIN SET	3						33333~	S.T.D	
	MM408520	PISTON PIN SET	3					D		S.T.D	
	MM433047	PISTON PIN SET	3						33333~	0.25 O.S	
	MM408521	PISTON PIN SET	3					D		0.25 O.S	
	MM433048	PISTON PIN SET	3						33333~	0.50 O.S	
	MM408522	PISTON PIN SET	3					D		0.50 O.S	
	MM433049	PISTON PIN SET	3						33333~	0.75 O.S	
	MM408523	PISTON PIN SET	3					D		0.75 O.S	
3-5	MM408790	CON-ROD ASSY.	3								
3	*	ROD,connecting	3								
4	MD000704	NUT	6								
5	MM402547	BOLT	6								
6	MM408795	BEARING SET	3							S.T.D	
	MM408796	BEARING SET	3							0.25 U.S	
	MM408797	BEARING SET	3							0.50 U.S	
	MM408798	BEARING SET	3							0.75 U.S	
7	MM430859	GEAR,crankshaft	1						16977~		
	○	GEAR,crankshaft	1					A			MM406570
8	MM408811	CRANKSHAFT	1								
9	MM408821	PULLEY	1								
10	MF430126	NUT	1							M18	
11	MF450010	WASHER	1							M18	
12	MF450410	WASHER,spring	1							M18	

FIG.104 MAIN MOVING PARTS

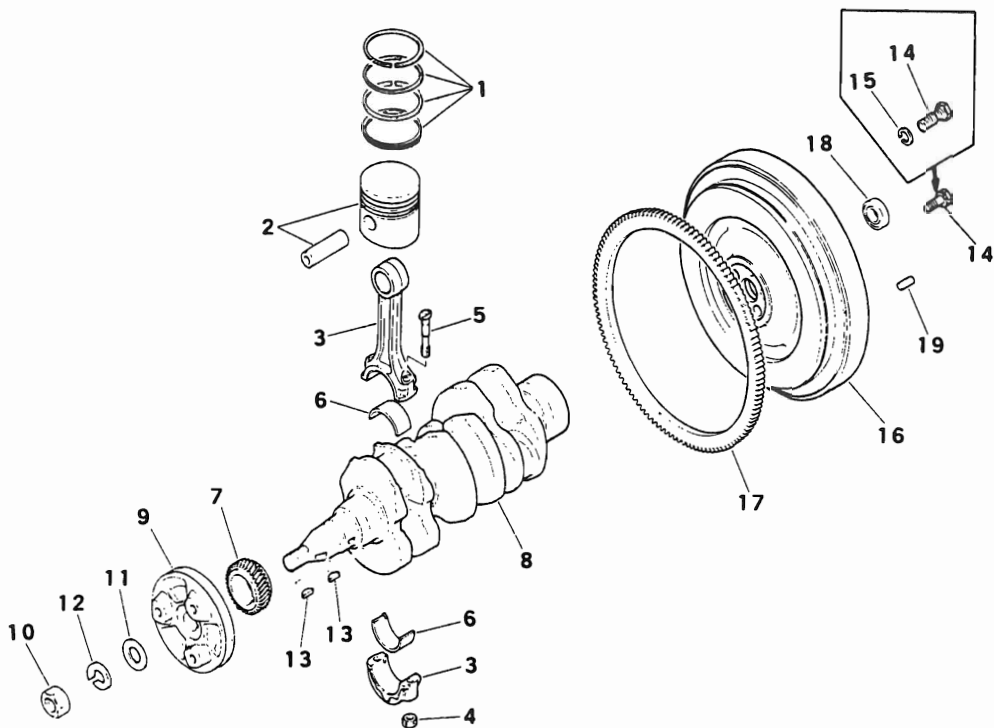
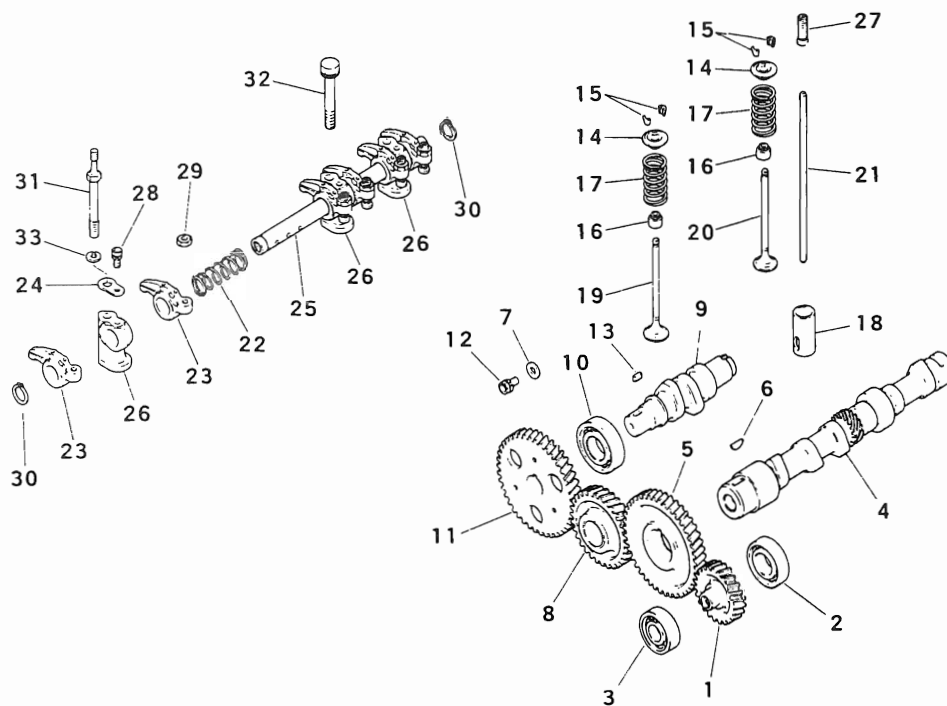
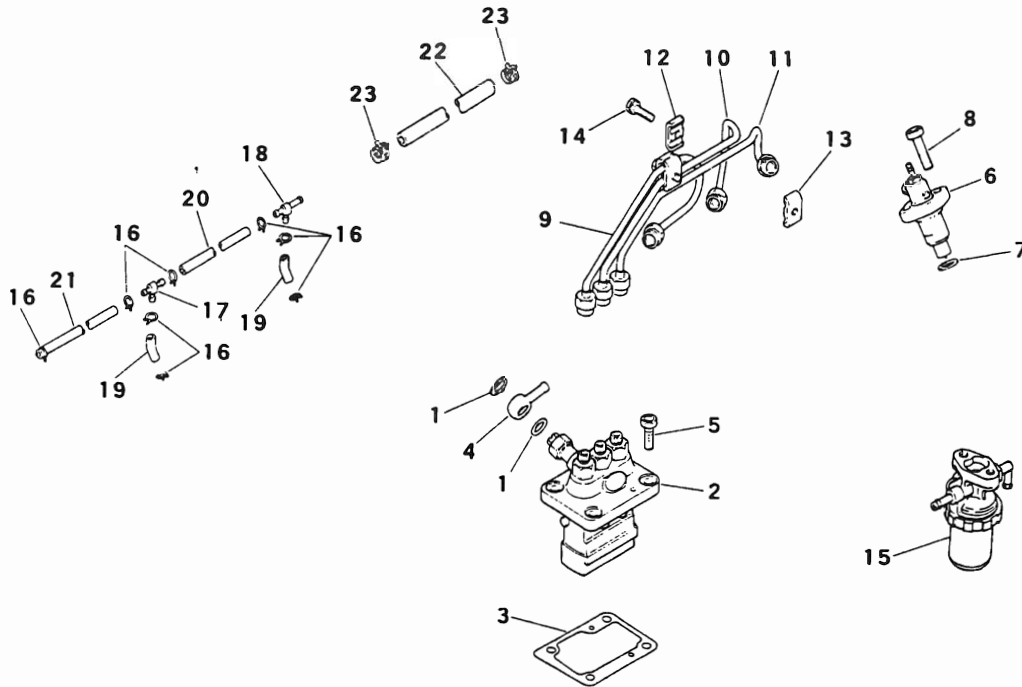
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FIG.105 TIMING PARTS



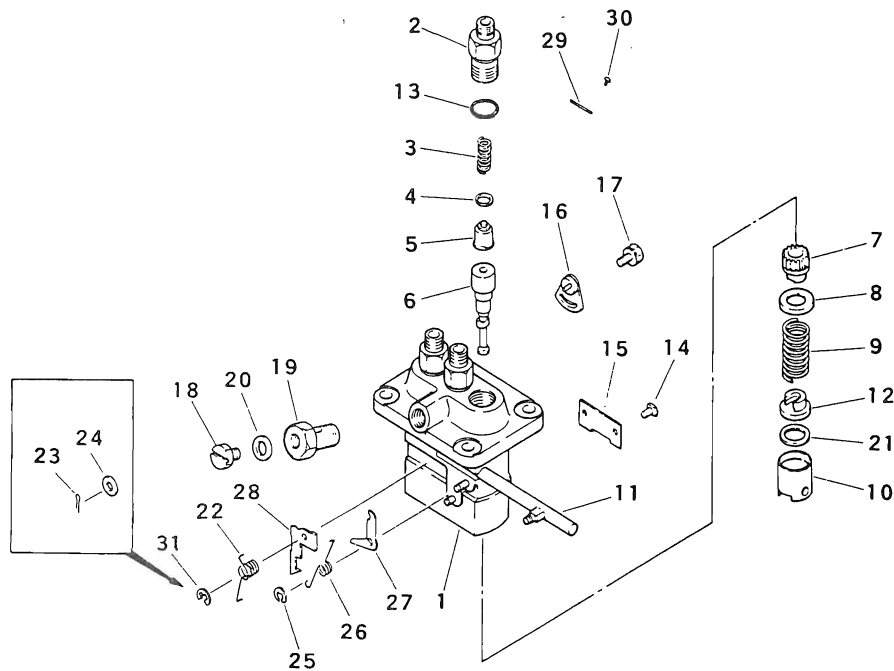
Key No	Parts No	Parts Name	Q'ty					F/P	Application	Description	Remarks
			ALL								
1	MM407265	GEAR,oil pump	1								
2	MD700127	BEARING	1								
3	MD712517	BEARING	1						24907~		
	○	BEARING	1					A	22579~		K7631160
	○	BEARING	1					A			K7631161
4	MM408906	CAMSHAFT	1								
5	MM406722	GEAR,camshaft	1								
6	MF476215	KEY,woodruff	1								
7	MD000425	WASHER	1								
8	MM408908	GEAR ASSY.	1								
9	MM408964	SHAFT,pump	1								
10	MD703856	BEARING,ball	1								
11	MM406685	GEAR,pump	1								
12	MF241251	BOLT,w/washer	1							M8X16	
13	MF476018	KEY,sunk	1								
14	MD016482	RETAINER	6								
15	MD016483	LOCK,retainer	12								
16	MD016490	SEAL,valve stem	6								
17	MM402381	SPRING,valve	6								
18	MM402737	TAPPET	6								
19	MM408450	VALVE,intake	3								
20	MM408455	VALVE,exhaust	3								
21	MM408920	ROD,push	6								
22	MD000963	SPRING,shaft	2								
23	MM406732	ARM,rocker	6								
24	MM406745	WASHER,seat	2								
25	MM408935	ROCKER SHAFT	1								
26	MM314770	STAY,rocker	3								
27	K7231220	SCREW,adjusting	6								
28	MF241225	BOLT,w/washer	2							M6X16	
29	MF430726	NUT,jam	6							M10	
30	MF522010	RING,snap	2							φ19	
31	MM408950	BOLT	2								
32	MF244892	BOLT,w/washer	1							M10X70	
33	MF450406	WASHER,spring	2							M10	

FIG.106 FUEL SUPPLY PARTS



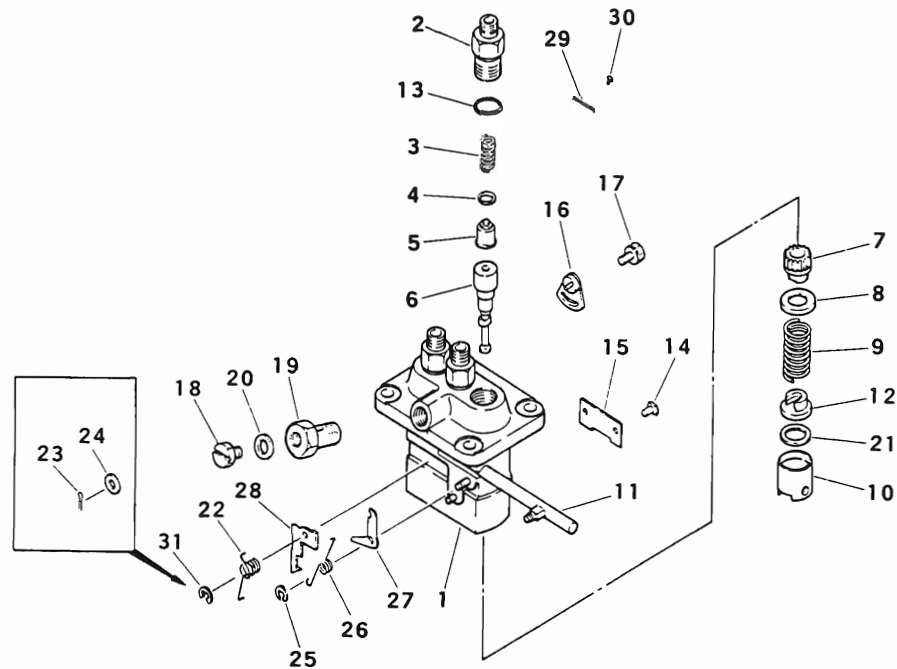
Key No	Parts No	Parts Name	Q' t y						Application	Description	Remarks
			ALL								
1	MK66112000	WASHER,seal	2							φ12	
2	MM409847	PUMP ASSY.	1								See Fig 107
3	MM409891	SHIM,adjusting	1								1Set 4PCS. t=0.2,0.3,0.4,0.8
4	MM413206	COLLAR,union	1								
5	MF100055	BOLT	4							M8X20	
6	MM401110	NOZZLE HOLDER	3								See Fig 108
7	K6515430	GASKET,holder	3								
8	MF101260	BOLT	6							M8X32	
9	MM409094	PIPE ASSY NO.1	1								
10	MM409095	PIPE ASSY NO.2	1								
11	MM409096	PIPE ASSY NO.3	1								
12	MM430703	CLAMP A	2						20904~		
	○	CLAMP A	2								
13	MM430614	CLAMP B	2						20904~		MM400955
	○	CLAMP B	2								MM400956
14	MF243628	BOLT,w/washer	2								
15	MM413142	FUEL FILTER	1							M6X25	
16~21	MM409103	PIPE ASSY.	1								
16	MM100089	CLAMP,hose	8								
17	MM100088	JOINT	1								
18	MM400886	JOINT	1								
19	MM413132	PIPE,rubber	2								
20	MM413104	PIPE,rubber	1								
21	MM413107	PIPE,rubber	1								
22,23	MM413205	HOSE,assy	1								
22	MS602063	FUEL HOSE	1								
23	MS660163	CLAMP,rubber	2								

FIG.107 FUEL INJECTION PUMP



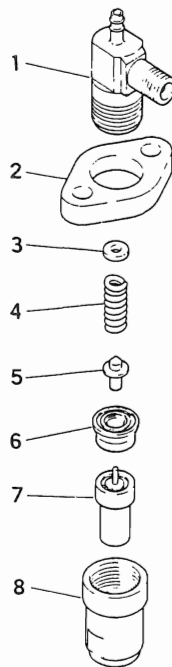
Key No	Parts No	Parts Name	Q'ty					Application	Description	Remarks
			ALL							
1-30	MM409847	PUMP ASSY.	1							
1	MM501312	HOUSING ASSY.	1							090110-2590
2	MM501507	HOLDER, valve	3					A	17270~	090131-0520
	○	HOLDER, valve	3							MM500224
3	MM501161	SPRING, valve	3							090131-0280
4	MM500336	GASKET, valve	3							090136-0540
5	MM501046	VALVE SUB ASSY.	3							090137-0061
6	MM501200	ELEMENT ASSY.	3							090140-7900
7	MM500229	SLEEVE, plunger	3							090150-2190
8	MM501098	SEAT	3							090161-0210
9	MM500360	SPRING, plunger	3							090163-0082
10	MM500230	TAPPET ASSY.	3							090164-0170
11	MM501311	RACK ASSY.	1							090170-0170
12	MM500316	SEAT	3							090210-0470
13	MM500438	O-RING	3							090301-0060
14	MM500231	PIN	3							90802-20150
15	MM501162	PLATE	1							090183-0050
16	MM501077	PLATE ASSY.	2							090467-0040
17	MM501244	BOLT, w/washer	2							090070-0012
18	MM501152	SCREW	1							949047-1980
19	○	SCREW, follow	1					A	17270~	090244-0180
	MM500403	SCREW, follow	1							090245-0210
20	MM500114	WASHER	1							090245-0012
21	MM500299	SHIM, plate	C							090222-0080
	MM500309	SHIM, plate	C							t=0.6 090311-0010
	MM500310	SHIM, plate	C							t=0.2 090311-0110
	MM500311	SHIM, plate	C							t=0.3 090311-0120
	MM500312	SHIM, plate	C							t=0.4 090311-0130
	MM500314	SHIM, plate	C							t=0.5 090311-0140
	MM500315	SHIM, plate	C							t=0.25 090311-0160
	MM501246	SHIM, plate	C							t=0.35 090311-0170
	MM501364	SHIM, plate	AR							t=0.45 090311-0280
	MM501365	SHIM, plate	C							t=0.55 090311-0300
22	MM501073	SPRING, return	1							t=0.65 090311-0310
										090554-0160

FIG. 107 FUEL INJECTION PUMP



Key No	Parts No	Parts Name	Q'ty					Application	Description	Remarks
			ALL							
23	MM500431	PIN,split	1					20009~		90400-16101 Deleted
24	MM500928	WASHER,plate	1					20009~		949011-3010 Deleted
25	MM500507	E-RING	1							090894-0010
26	MM501256	SPRING	1							090554-0300
27	MM501257	PLATE,(mark:1)	1							090219-2500
	MM501258	PLATE,(mark:2)	1							090219-2510
	MM501259	PLATE,(mark:3)	1							090219-2520
	MM501260	PLATE,(mark:4)	1							090219-2530
	MM501261	PLATE,(mark:5)	1							090219-2540
28	MM501274	STOPPER MARK:75	C							090219-3720
	MM501574	STOPPER MARK:76	C							090219-3730
	MM501275	STOPPER MARK:77	C							090219-3740
	MM501575	STOPPER MARK:78	C							090219-3750
	MM501386	STOPPER MARK:79	C							090219-3760
	MM501576	STOPPER MARK:80	C							090219-3770
	MM501387	STOPPER MARK:81	C							090219-3780
	MM501577	STOPPER MARK:82	C							090219-3790
	MM501388	STOPPER MARK:83	C							090219-3800
	MM501578	STOPPER MARK:84	C							090219-3810
	MM501395	STOPPER MARK:85	C							090219-3820
	MM501579	STOPPER MARK:86	C							090219-3830
	MM501396	STOPPER MARK:87	C							090219-3840
	MM501580	STOPPER MARK:88	C							090219-3850
	MM501397	STOPPER MARK:89	C							090219-3860
29	MM501425	PLATE,name	1							094503-2550
30	MM500429	RIVET	2							949030-0030
31	MM501496	E-RING	1					20009~		090894-0020

FIG.108 NOZZLE & NOZZLE HOLDER

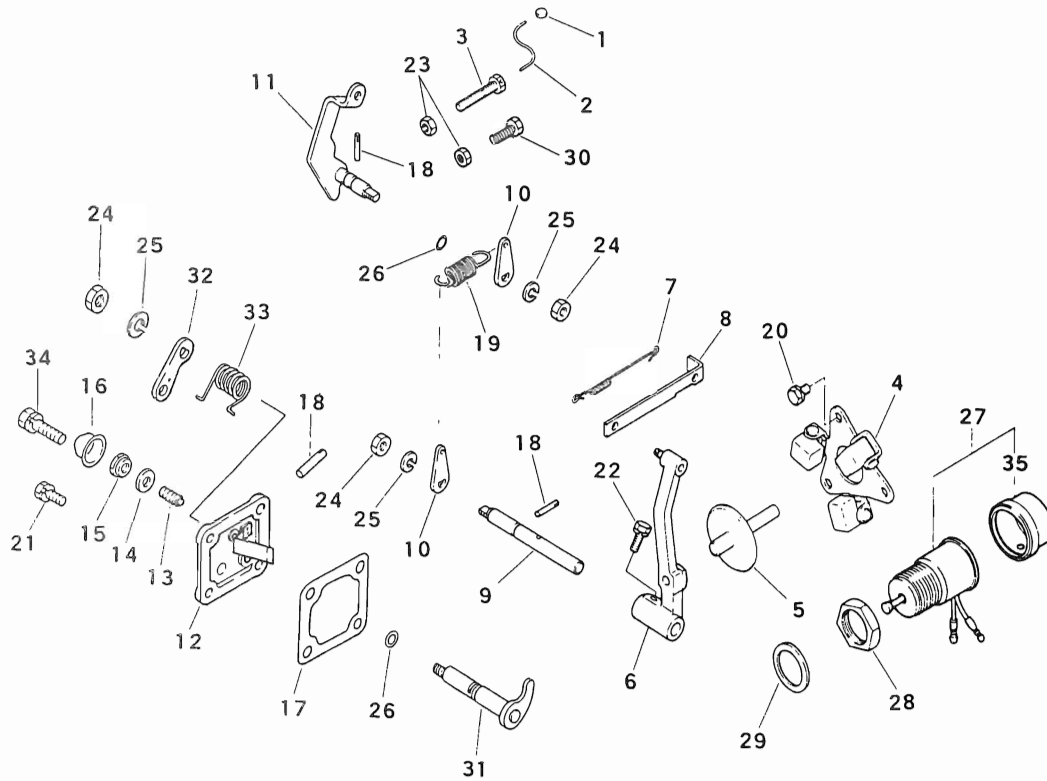


Key No	Parts No	Parts Name	Q' t y					Application	Description	Remarks
			ALL							
1~8	MM401110	NOZZLE HOLDER	3							
1	MM501276	BODY	3							093111-1663
2	MM501240	FLANGE	3							093266-0100
3	MM500785	WASHER	C						t = 1.3	093175-0210
	MM500786	WASHER	C						t = 1.35	093175-0220
	MM500787	WASHER	C						t = 1.4	093175-0230
	MM500795	WASHER	C						t = 0.9	093175-0610
	MM500796	WASHER	C						t = 1.0	093175-0620
	MM500797	WASHER	C						t = 1.1	093175-0630
	MM500798	WASHER	C						t = 1.2	093175-0640
	MM500799	WASHER	C						t = 0.1	093175-0650
4	MM500136	SPRING,pressure	3							093157-0020
5	MM500135	PIN,pressure	3							093121-0030
6	MM500137	PIECE,distance	3							093174-0010
7	MM300152	NOZZLE ASSY.	3							093400-0010
8	MM500908	NUT,retaining	3							093164-0800

This diagram illustrates the assembly of a mechanical component, likely a pump or valve. The main assembly is shown at the bottom, with a central shaft (10) and a piston (11) inside a cylinder (12). A flange (13) is attached to the bottom of the cylinder. Above the cylinder, a cap (14) is shown with a gasket (9) and a bolt (8) for sealing. To the right, a separate assembly of a handle (5) and a lever (4) is shown, which is connected to the main assembly via a pin (3) and a nut (2). A small pin (6) is also shown separately.

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FIG.110 GOVERNOR & CONTROL PARTS



Key No	Parts No	Parts Name	Q'ty					App	Application	Description	Remarks
			ALL								
1	MK99200001	METAL,sealing	1								
2	MK99300140	WIRE	1								
3	MM401080	BOLT	1								
4	MM407006	WEIGHT ASS'Y	1								
	○	WEIGHT ASSY	1					A	20009~		MM407000
5	MM407010	SHAFT ASSY.	1								
6	MM407028	LEVER ASSY	1								
7	MM409182	SPRING,tie rod	1								
8	MM409181	ROD,tie	1								
9	MM407031	SHAFT,governor	1								
10	MM407035	LEVER,governor	2								
11	MM409237	CONTROL LEVER	1								
12~15	MM409640	COVER ASSY.	1								
	MM409213	COVER ASSY.	1					D	14111~		
12	*	COVER	1								
13	MM409167	SCREW,adjusting	1								
14	MF660031	GASKET	1								
	○	WASHER,seal	1					A			MK66106000
15	MM409168	NUT,special	1								
16	MM409169	CAP,sealing	1								
17	MM409151	GASKET,cover	1								
18	K8712630	PIN,grooved	3								
	○	PIN,grooved	2					B	14111~		K8712630
19	MM409186	SPRING	1								
20	MF241222	BOLT,w/washer	3							M6X10	
21	MF241226	BOLT,w/washer	3						14111~	M6X18	
	MF241224	BOLT,w/washer	4					D		M6X14	
22	MF244823	BOLT,w/washer	1							M6X14	
23	MF430004	NUT	2						14111~	M6	
	○	NUT	1					B		M6	MF430004
24	MF430725	NUT,jam	3						14111~	M8	
	○	NUT,jam	2					B		M8	MF430725
25	MF450405	WASHER,spring	3						14111~	M8	
	○	WASHER,spring	2					B		M8	MF450405
26	MF520002	O-RING	2						14111~	φ7	

FIG. 110 GOVERNOR & CONTROL PARTS

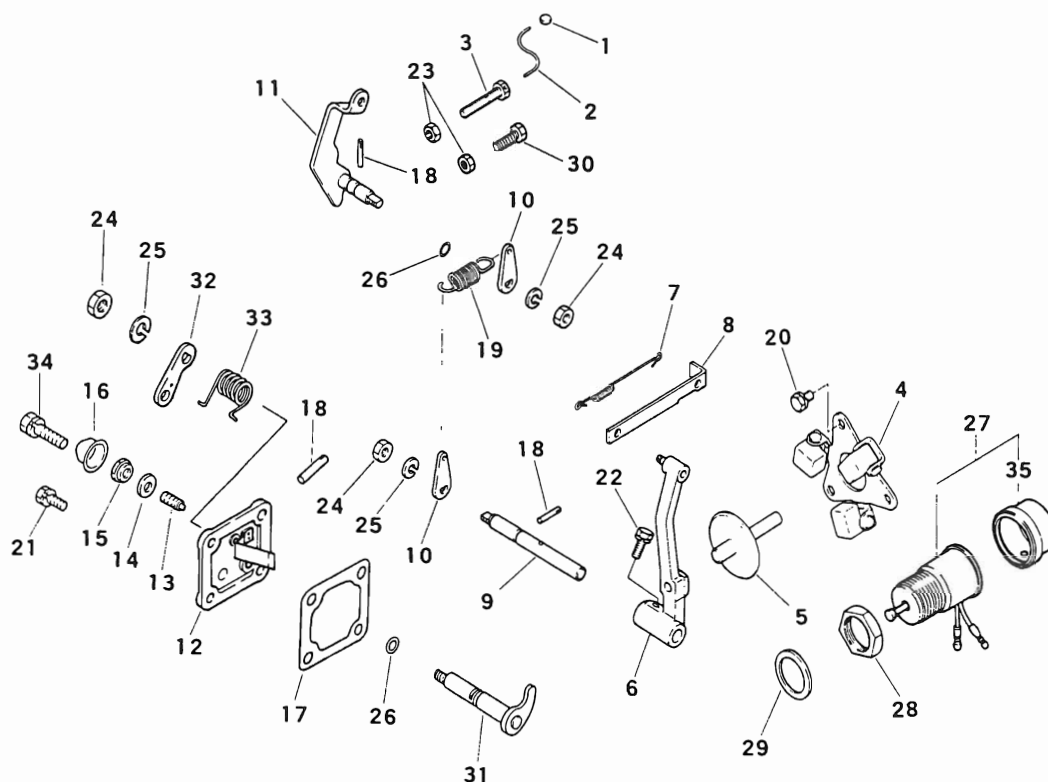
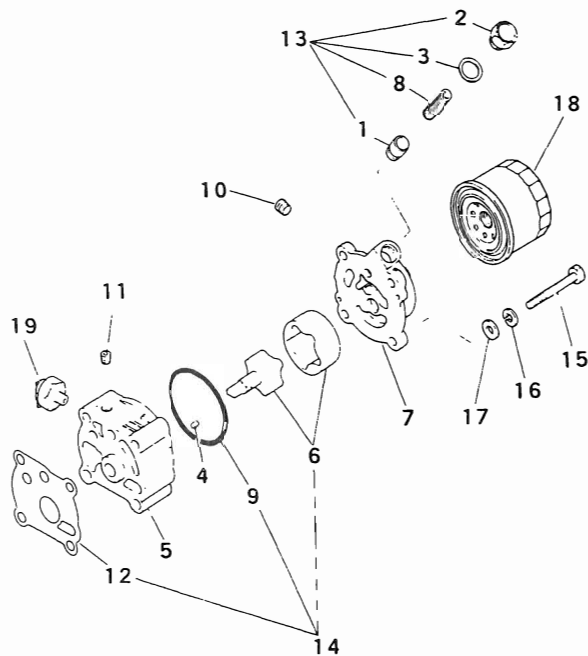
[illegible]

FIG.111 OIL PUMP



Key No	Parts No	Parts Name	Q'ty					P/P	Application	Description	Remarks
			ALL								
1~11	MM409371	OIL PUMP ASSY.	1								
1	MD001402	PLUNGER,relief	1								
2	MD001404	PLUG	1								
3	MD000312	GASKET	1							φ18	
4	MM409373	PIN,dowel	2								
5	MM409244	BODY,oil pump	1								
6	MM407125	ROTOR ASSY.	1								
7	MM409372	COVER,oil pump	1								
8	MM409204	SPRING,relief	1								
9	MM407145	O-RING	1								
10	MS661121	PLUG,taper	1							PT = 1/4	
11	MS661120	PLUG,taper	1							PT = 1/8	
12	MM407124	GASKET,oil pump	1								
13	MM409893	SERVICE KIT	AR								Inc.the mark
14	MM409894	SERVICE KIT	AR								Inc the mark
15	MF101268	BOLT	4							M8X65	
16	MF450405	WASHER,spring	4							M8	
17	MS450035	WASHER	4							M8	
18	MM409365	FILTER ASS'Y.	1						12287~		
	○	FILTER ASS'Y.	1					A			K9665400
19	MM431777	SWITCH ASS'Y.	1						24526~		
	○	SWITCH ASS'Y.	1					A			MD021566

FIG.112 LUBRICATING PARTS

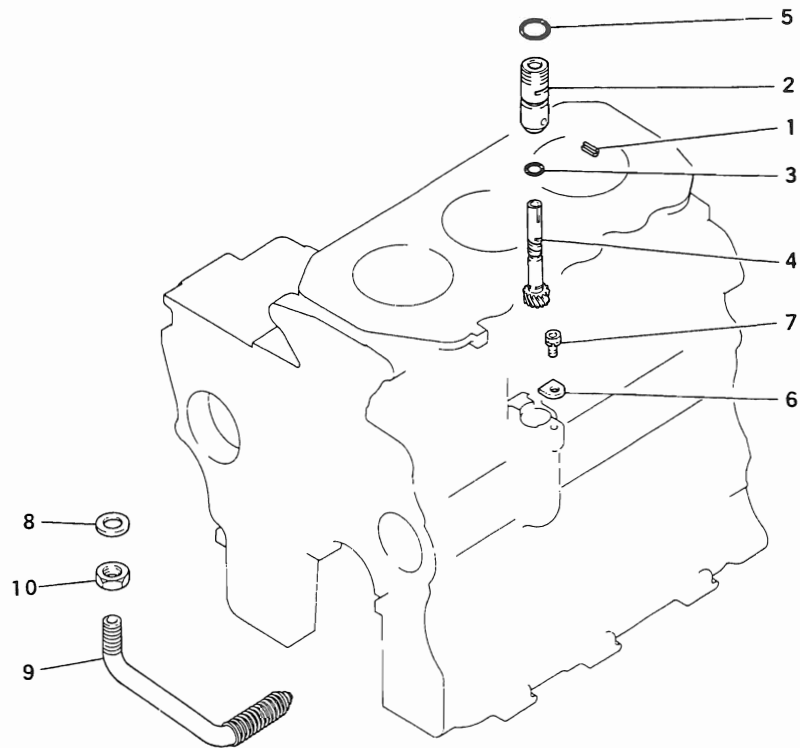
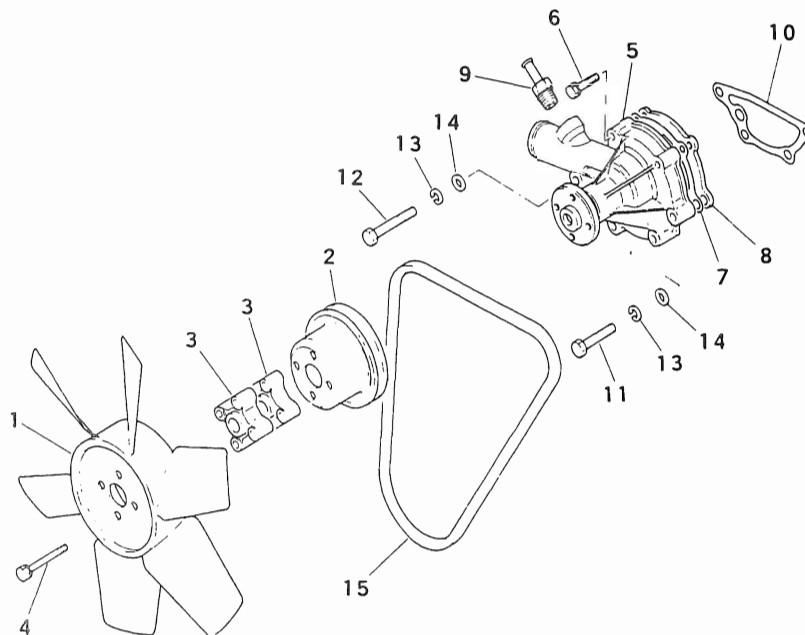
[illegible]

FIG.113 COOLING PARTS (1/2)



Key No	Parts No	Parts Name	Q'ty					P/P	Application	Description	Remarks
			ALL								
1	MM434136	FAN,cooling	1								
	○	FAN,cooling	1					A		φ340X5	MD003330
2	MM405460	PULLEY,pump	1								
3	K9674350	SPACER,fan	2								
4	MF241238	BOLT,w/washer	4							M6X12	
5~9	MM409302	PUMP ASSY.	1								
5	*	PUMP,water	1								
6	MF240031	BOLT,w/washer	2							M6X30	
7	MM409326	GASKET	1								
8	MM409327	PLATE	1								
9	MM409314	JOINT	1								
10	MM407422	GASKET	1								
11	MF101264	BOLT	3							M8X45	
12	MF101267	BOLT	1							M8X60	
13	MF450405	WASHER,spring	4							M8	
14	MS450035	WASHER	4							M8	
15	MD007528	BELT,fan	1								(HML=932)

FIG.114 COOLING PARTS (2/2)

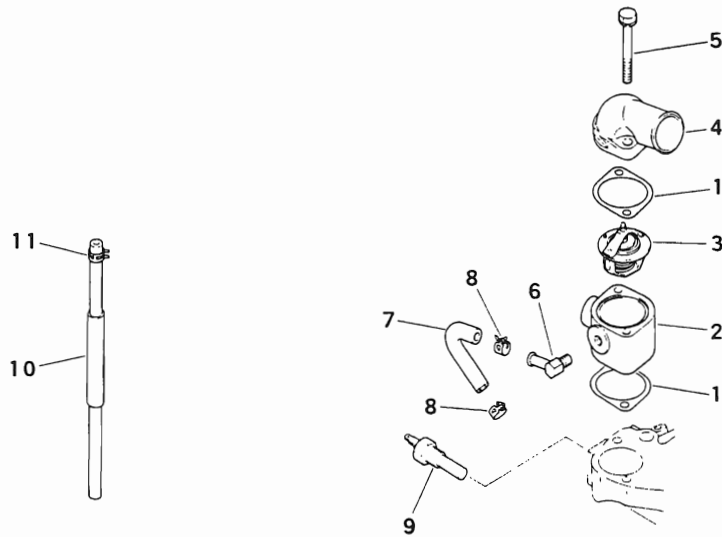
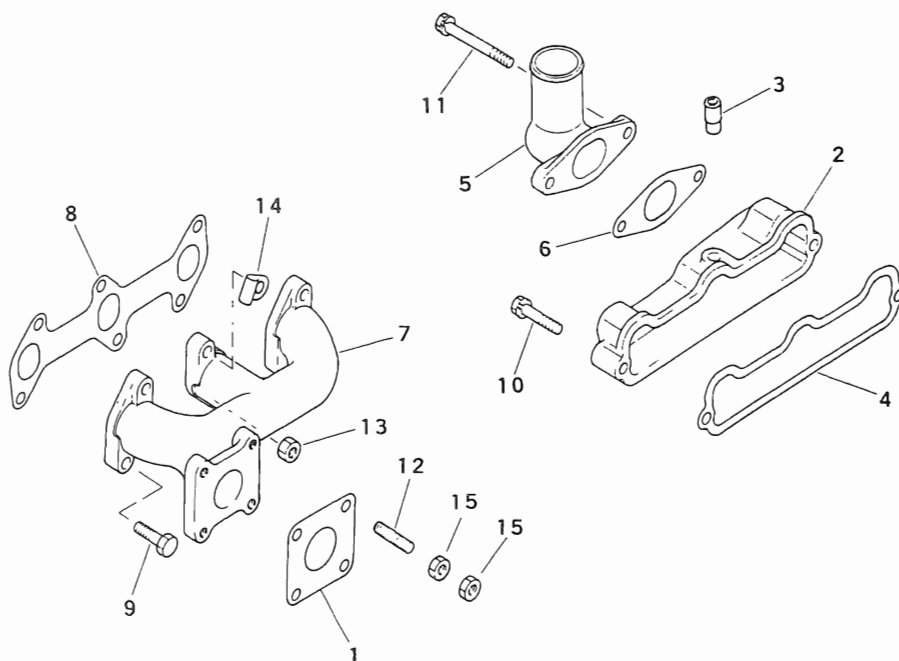
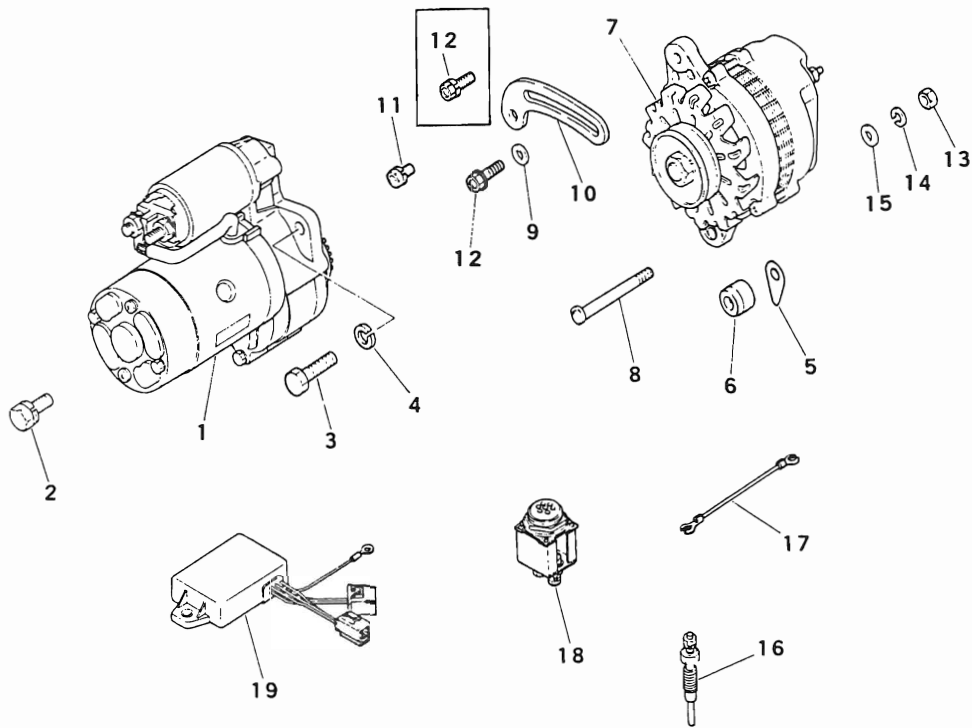
[illegible]

FIG.115 INTAKE & EXHAUST PARTS



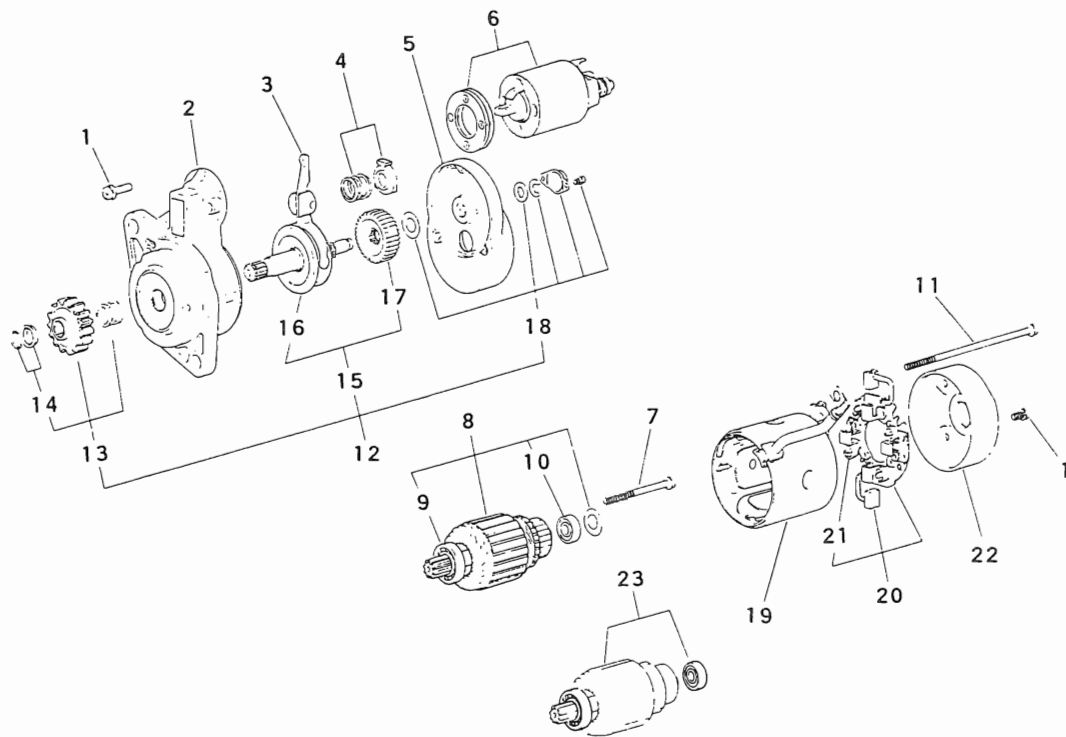
Key No	Parts No	Parts Name	Q' t y					Application	Description	Remarks
			ALL							
1	MM408581	GASKET	1							
2,3	MM408541	MANIFOLD ASSY.	1							
2	*	MANIFOLD,intake	1							
3	K9644171	PIPE	1							
4	MM408551	GASKET	1							
5	MM408563	PIPE,inlet	1							
6	MM408566	GASKET,pipe	1							
7	MM412568	MANIFOLD	1							
8	MM408576	GASKET	1							
9	MF101259	BOLT	5						M8X30	
10	MF241261	BOLT,w/washer	1						M8X40	
11	MF241267	BOLT,w/washer	2						M8X70	
12	MF401936	STUD	4						M8X25	
13	MF430005	NUT	1						M8	
14	MM408590	CLAMP,cable	1							
15	MD000569	NUT	8						M8	

FIG.116 ELECTRICAL EQUIPMENT



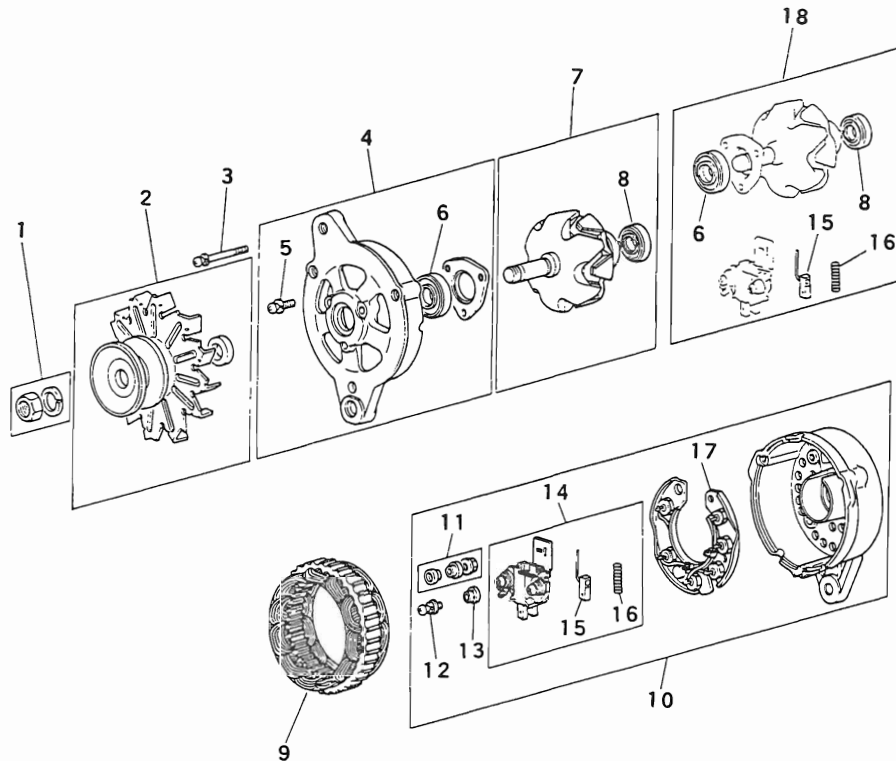
Key No	Parts No	Parts Name	Q'ty					Application	Description	Remarks
			ALL							
1	MM409410	STARTER ASSY.	1							M002T50381 See Fig.117
2	MF241282	BOLT,w/washer	1						M10X25	
3	MM409420	BOLT,starter	1							
4	MF450406	WASHER,spring	1						M10	
5	MD001517	SHIM	AR							
6	MM409328	SPACER	1							
7	MD017645	ALTERNATOR	1							A001T22074 See Fig.118
8	MD017625	BOLT	1						M8X98	
9	MD001521	WASHER	1					17691~		
	○	WASHER	1					A		MD000425
10	MM409463	BRACE	1							
11	MF241251	BOLT,w/washer	1						M8X16	
12	MF140026	BOLT,flange	1							
	○	BOLT,w/washer	1					A	M8X20	MF241255
13	MF430005	NUT	1						M8	
14	MF450405	WASHER,spring	1						M8	
15	MS450035	WASHER	1						M8	
16	MM409510	PLUG,glow	1							Y-114T
17	MM409511	WIRE,glow plug	1							
18	MM409515	LAMP,glow	1							
19	MM409675	TIMER UNIT	1							

FIG.117 STARTER



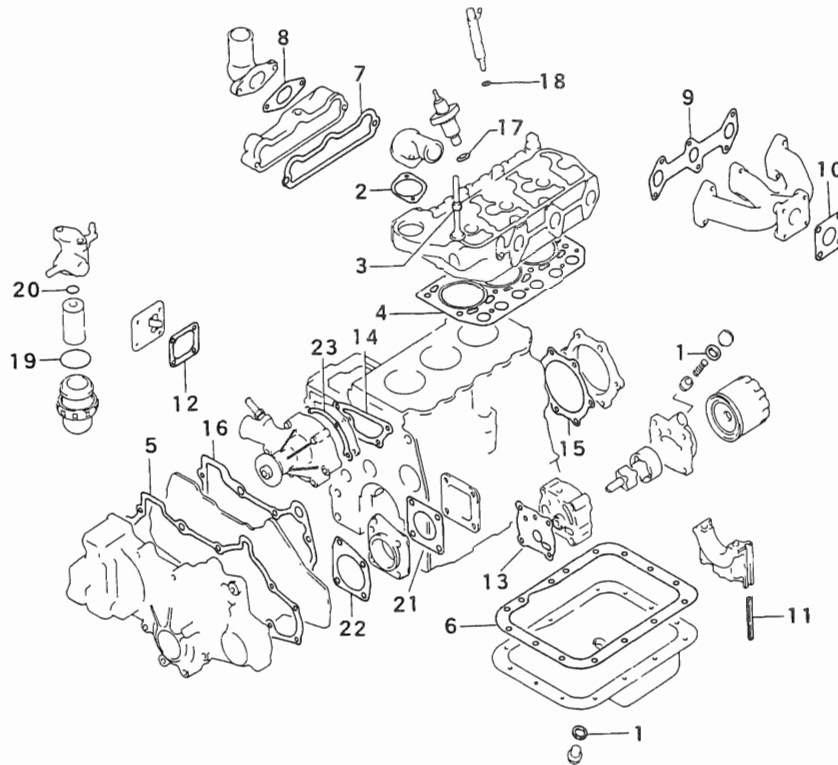
Key No	Parts No	Parts Name	Q'ty					Application	Description	Remarks
			ALL							
1~22	MM409410	STARTER ASSY.	1							M002T50381
1	MD607432	SCREW SET	1							M414X00472
2	MM502398	BRACKET ASSY.	1							M641X03972
3	MM502329	LEVER ASSY.	1							M863C04671
4	MD602963	SPRING SET	1							M389X10871
5	MM502331	BRACKET ASSY.	1							M640B11971
6	MM502461	SWITCH ASSY	1							M371X50171
	○	SWITCH ASSY.	1					13403~		MD602074
7	MM502332	BOLT,through	1					B		M371X00171
8	MM502333	ARMATURE SET	1						M5X73	M981C74001
9	MM502334	BEARING,front	1							M106X01171
10	MM502335	BEARING,rear	1							S930P12170
11	MM502347	BOLT,through	2							-)
12	MM502395	CLUTCH ASSY.	1							S930P12070
13	MM502396	PINION SET	1							-)
14	MD607416	STOPPER SET	1							M981C73901
15	MD607539	GEAR SET	1							M357X81371
16	MD607540	SHAFT ASSY.	1							M605X61617
17	MM502341	GEAR	1							M385X03471
18	MM502342	COVER SET	1							M231X00476
19	MM502397	YOKE ASSY.	1							M375C70771
20	MD607420	BRUSH ASSY.	1							MC231C00401
21	MD602210	SPRING,brush	4							M212X09071
22	MM502346	BRACKET,rear	1							M800T34571
23	MM409895	BEARING KIT	AR							M649T04471
										M391C00101
										M644B10201
										Inc.the mark

FIG.118 ALTERNATOR



Key No	Parts No	Parts Name	Q' t y					Application	Description	Remarks
			ALL							
1~18	MD017645	ALTERNATOR ASSY	1							AH2035M4
1	MM502340	NUT SET	1							A529X02171
2	MD607170	PULLEY ASSY.	1							A628T20870
3	MD607212	SCREW SET	1							A414X12771
4~7	MD607267	BRACKET ASSY	1							A640T14070
4	*	FRONT BRACKET	1							
5	MD602938	SCREW SET	1							A414X06771
6	MD602264	BEARING, front	1							S930P25570
7	*	HOLDER, bearing	1							
8, 9	MM502298	ROTOR ASSY	1							A880T12170
8	*	ROTOR	1							
9	MD602789	BEARING	1							S930P26470
10	MM502299	STATOR	1							
11~18	MD607268	BRACKET ASSY	1							A383T12570
11	MD607176	NUT SET	1							A641T21170
12	MF350769	SCREW, w/washer	1						M5X14	A529X04071
13	MD602826	MOLD	1							S054S05145
14~16	MD602797	BRUSH ASSY	1							A771S01017
14	*	BRUSH HOLDER	1							A649X04070
15	MD602783	BRUSH	2							A648D01670
16	MD602227	SPRING, brush	2							A389C01101
17	MD607269	RECTIFIER ASSY	1							A860T01770
18	*	REAR BRACKET	1							
19	MM409897	SERVICE KIT	AR							Inc. the mark

FIG.119 REPAIR GASKET KIT

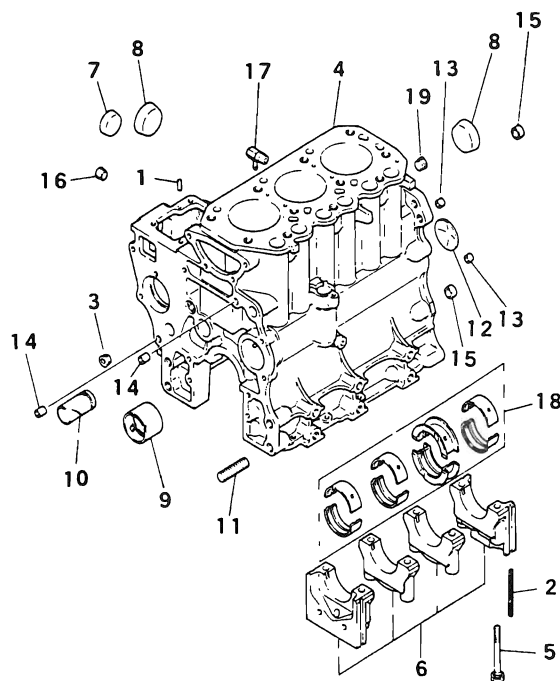


Key No	Parts No	Parts Name	Q'ty					Application	Description	Remarks
			ALL							
1-23	MM434004	GASKET KIT	1							
1	MD000312	GASKET (18)	2							
2	MD000551	GASKET	2							
3	MD16490	SEAL, valvestem	6							
4	MM408453	GASKET, cylinder	1							
5	MM408235	GASKET, gearcase	1							
6	MM408321	GASKET, oil pan	1							
7	MM408551	GASKET	1							
8	MM408566	GASKET, pipe	1							
9	MM408576	GASKET	1							
10	MM408580	GASKET	1							
11	MM406228	SEAL, side	1							
12	MM409151	GASKET, cover	1							
13	MM407124	GASKET, oil pump	1							
14	MM407422	GASKET, pump	1							
15	MM408205	GASKET, oil seal	1							
16	MM408226	GASKET, plate	1							
17	K6515430	GASKET, holder	3							
18	MM432045	GASKET, nozzle	3							
19	MM404878	O-RING, cup	1							
20	MM404881	O-RING, element	1							
21	MM401206	GASKET, cover	1							
22	MM409235	GASKET, housing	1							

ENGINE

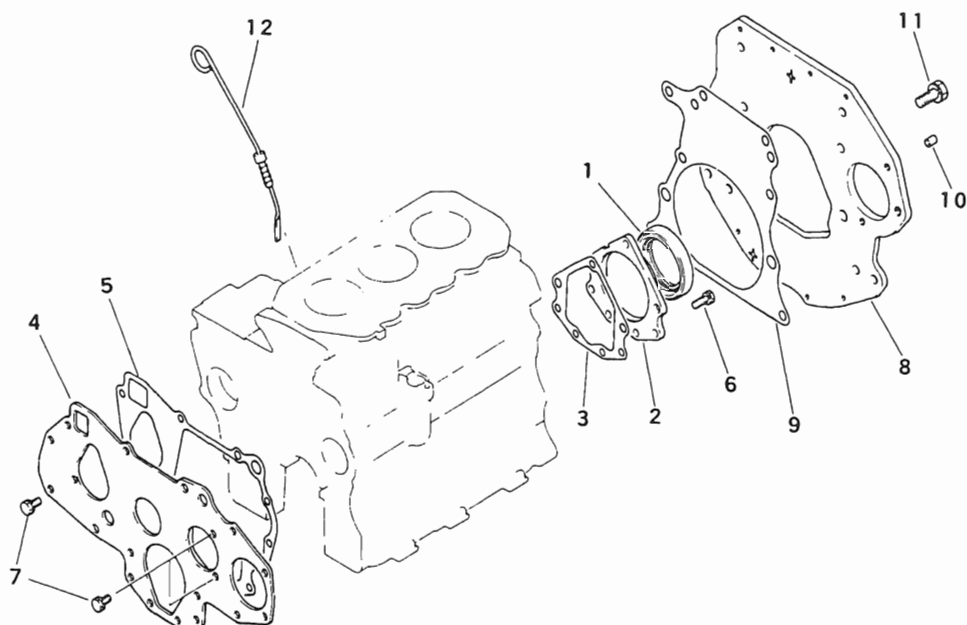
MT250D, 250 (K3H-11A)

FIG.121 CRANK CASE (1/2)



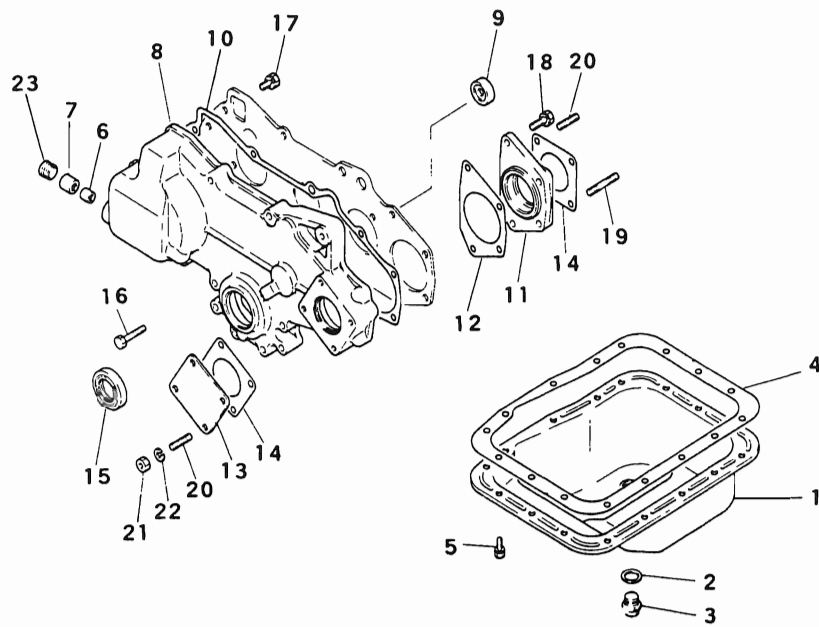
Key No	Parts No	Parts Name	Q' t y					P	Application	Description	Remarks
			ALL								
1	MM409645	PIN,dowel	2								
	○	PIN,dowel	2					A	1530~		MD000268
2	MM406228	SEAL,side	4								
3	MS661122	PLUG,taper	1						4897~		
	○	PLUG,taper	1					A		PT=3/8	MM104288
4~9	MM430186	BLOCK SUB ASSY.	1								
5	MM406217	BOLT,cap	8								
6	*	CAP ASSY.	1								
7	MD000245	PLUG,expansion	1							φ35	
8	MF665543	CAP,sealing	2							φ45	
9	MM406237	BUSHING	1								
10	MM430113	SHAFT,idler	1						1660~		
	○	SHAFT,idler	1					A			MM408169
11	MF402635	STUD	2							M14X30	
12	MF665512	PLUG,expansion	1							φ45	
13	MS471104	BUSHING,knock	2							φ8X9	
14	MS471105	BUSHING,knock	2							φ8X13	
15	MS471110	BUSHING,knock	2							φ12X9	
16	MS661141	PLUG,taper	1						4240~		
	○	PLUG,taper	1					A		PT=1/4	MS661121
17	MM408260	JOINT,drain	1								
18	MM406254	BEARING SET	1							S.T.D	
	MM406255	BEARING SET	1							0.25 U.S	
	MM406256	BEARING SET	1							0.50 U.S	
	MM406257	BEARING SET	1							0.75 U.S	
19	MD040338	PLUG,taper	1						4897~		
	○	PLUG,taper	1					A			MM104288

FIG.122 CRANK CASE (2/2)



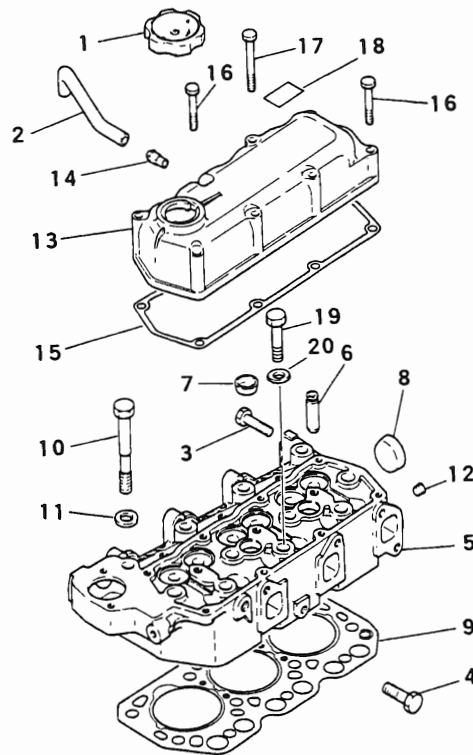
Key No	Parts No	Parts Name	Q' t y					B P	Application	Description	Remarks
			ALL								
1	MM406242	SEAL,oil	1								
2	MM412662	CASE,oil seal	1								
3	MM406241	GASKET,oil seal	1								
4	MM406264	PLATE,front	1								
5	MM406265	GASKET	1								
6	MF240054	BOLT,w/washer	7							M8X22	
7	MF240051	BOLT,w/washer	3							M8X16	
8	MM412685	PLATE,rear	1								
9	MM412700	GASKET	1								
10	MM408240	PIN,knock	2							φ8X10	
11	MF241308	BOLT,w/washer	6							M12X28	
12	MM412643	GAUGE	1								

FIG.123 OIL PAN & GEAR CASE



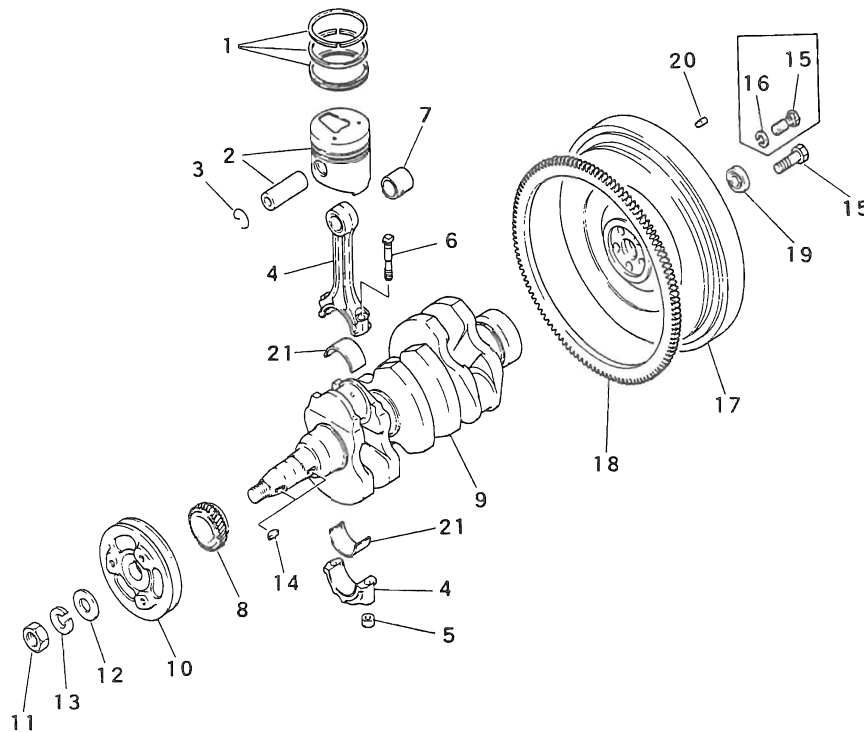
Key No	Parts No	Parts Name	Q'ty						Application	Description	Remarks
			ALL								
1~3	MM412625	OIL PAN ASSY	1								
1	*	PAN,oil	1								
2	MD000312	GASKET	1							φ18	
3	MD000318	PLUG,oil drain	1								
4	MM412651	GASKET,oil pan	1								
5	MF240051	BOLT,w/washer	16							M8X16	
6	MM406420	BEARING,needle	1								
7	MM406421	BEARING,needle	1								
8	MM406362	CASE,gear	1								
9	MM409718	PLUG,thrust	1								
10	MM406416	GASKET	1								
11	MM407260	HOUSING	1								
12	MM407261	GASKET,housing	1								
13	MM401205	COVER,shaft	1								
14	MM401206	GASKET,cover	2								
15	MD008762	SEAL,oil	1						4547~		
	○	SEAL,oil	1					A			K9413390
16	MF100064	BOLT	10							M8X45	
17	MF240051	BOLT,w/washer	2							M8X16	
18	MF241255	BOLT,w/washer	2							M8X25	
19	MS401434	STUD	2							M8X42	
20	MF402565	STUD	6							M8X22	
21	MF430005	NUT	4							M8	
22	MF450405	WASHER,spring	4							M8	
23	MS661123	PLUG,taper	1							PT= 1/2	

FIG.124 CYLINDER HEAD



Key No	Parts No	Parts Name	Q'ty					Application	Description	Remarks
			ALL							
1	MD008784	CAP,oil filter	1							
2	MM408537	PIPE,breather	1							
3	MF106091	BOLT	1						M10X40	
4	MF101316	BOLT	1					1630~	M12X40	
	○	BOLT	1						M12X40	MF106116
5~8	MM430168	CYLINDER HEAD	1					A		
	MM412522	CYLINDER HEAD	1					D	1660~	
5	*	HEAD,cylinder	1							
6	MM412561	GUIDE, valve	6							
7	MF665538	CAP,sealing	2						φ25	
8	MD000427	PLUG,expantion	1						φ40	
9	MM412540	GASKET,head	1							
10	K9612300	BOLT	7						M14X104	
11	K7510250	WASHER	8							
12	MS661140	PLUG,taper	1					4240~	PT = 1/8	
	○	PLUG,taper	1					A	PT = 1/8	MS661120
13, 14	MM412573	ROCKER COVER	1							
13	*	COVER,rocker	1							
14	K9644171	PIPE	1							
15	MM412572	GASKET,cover	1							
16	MF100065	BOLT	3						M8X50	
17	MF100069	BOLT	5						M8X70	
18	MM412720	LABEL,model	1						M25	(K3H-11A)
19	MM430156	BOLT	3							
20	MD020733	WASHER	3							

FIG.125 MAIN MOVING PARTS



Key No	Parts No	Parts Name	Q' t y					P	Application	Description	Remarks
			ALL								
1	MM433921	PISTON RING SET	3						5587~	S.T.D	
	MM412980	PISTON RING SET	3					D		S.T.D	
	MM433922	PISTON RING SET	3						5587~	0.25 O.S	
	MM412981	PISTON RING SET	3					D		0.25 O.S	
	MM433923	PISTON RING SET	3						5587~	0.50 O.S	
	MM412982	PISTON RING SET	3					D		0.50 O.S	
	MM433924	PISTON RING SET	3						5587~	0.75 O.S	
	MM412983	PISTON RING SET	3					D		0.75 O.S	
2	MM432509	PISTON PIN SET	3						5587~	S.T.D	
	MM412784	PISTON PIN SET	3					D		S.T.D	
	MM433905	PISTON PIN SET	3						5587~	0.25 O.S	
	MM412750	PISTON PIN SET	3					D		0.25 O.S	
	MM433906	PISTON PIN SET	3						5587~	0.50 O.S	
	MM412751	PISTON PIN SET	3					D		0.50 O.S	
	MM433907	PISTON PIN SET	3						5587~	0.75 O.S	
	MM412752	PISTON PIN SET	3					D		0.75 O.S	
3	K8221251	CLIP,piston pin	6								
4~7	MM412860	CON-ROD ASSY.	3								
5	MD006704	NUT	6								
6	MM412869	BOLT	6								
7	MM330347	BEARING	3								
8	MM430859	GEAR	1						1750~		
	○	GEAR	1					A			MM406570
9	MM412886	CRANKSHAFT	1								
10	MM406578	PULLEY	1								
11	MF430731	NUT	1							M20	
12	MF450011	WASHER	1							M20	
13	MF450411	WASHER,spring	1							M20	
14	MF476215	KEY,woodruff	2								
15	MD952231	BOLT	5						1660~	5X19	
	○	BOLT,flywheel	5					A	~1659		MD002620
16	MD014236	WASHER,spring	5							M12	Deleted
17,18	MM412935	FLYWHEEL ASSY.	1								
17	*	FLYWHEEL	1								
18	MD000612	GEAR,ring	1								

FIG.125 MAIN MOVING PARTS

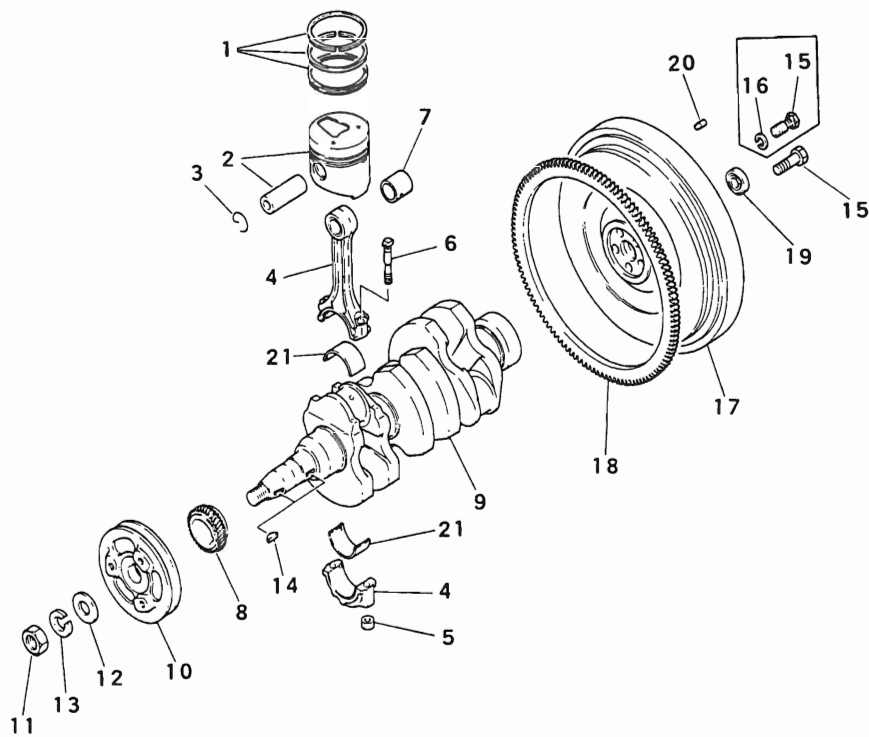
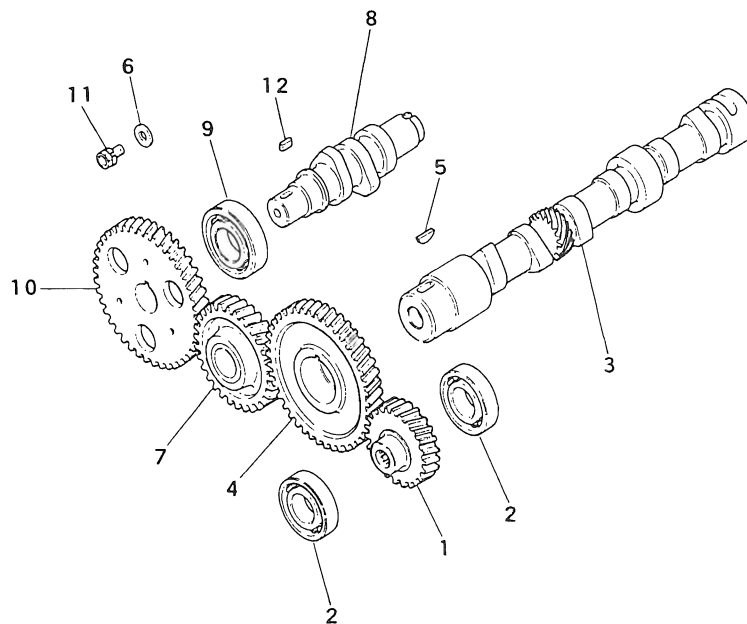
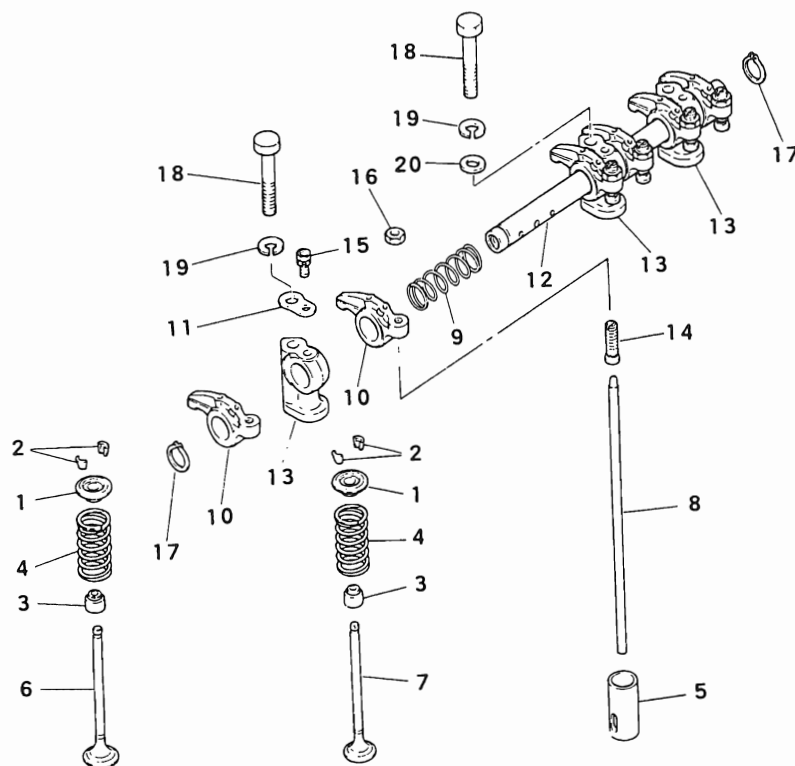
[illegible]

FIG.126 VALVE MECHANISM



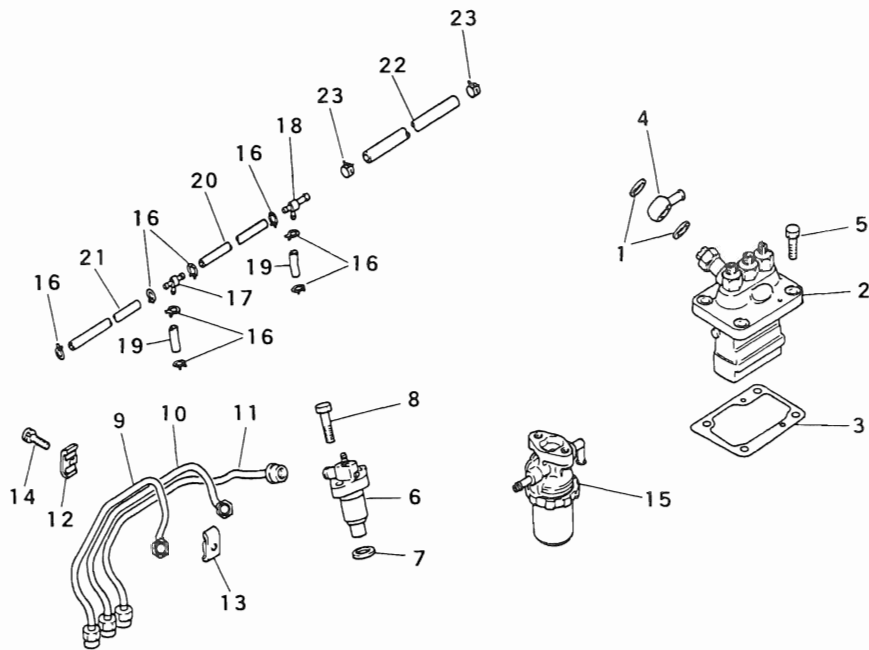
Key No	Parts No	Parts Name	Q' t y					R P	Application	Description	Remarks
			ALL								
1	MM409241	GEAR,oil pump	1								
2	MD712517	BEARING,ball	2						3223~		
	○	BEARING,ball	2					A	2800~		K7631160
	○	BEARING,ball	2					A			K7631161
3	MM413032	CAMSHAFT	1								
4	MM406722	GEAR,camshaft	1								
5	MF476215	KEY,woodruff	1							5X19	
6	MD000425	WASHER	1								
7	MM406661	IDLER GEAR ASSY	1								
8	MM408964	CAMSHAFT,pump	1								
9	MD703856	BEARING	1								
10	MM406685	GEAR,pump	1								
11	MF241251	BOLT,w/washer	1							M8X16	
12	MF476018	KEY,sunk	1							5X12	

FIG.127 TIMING PARTS



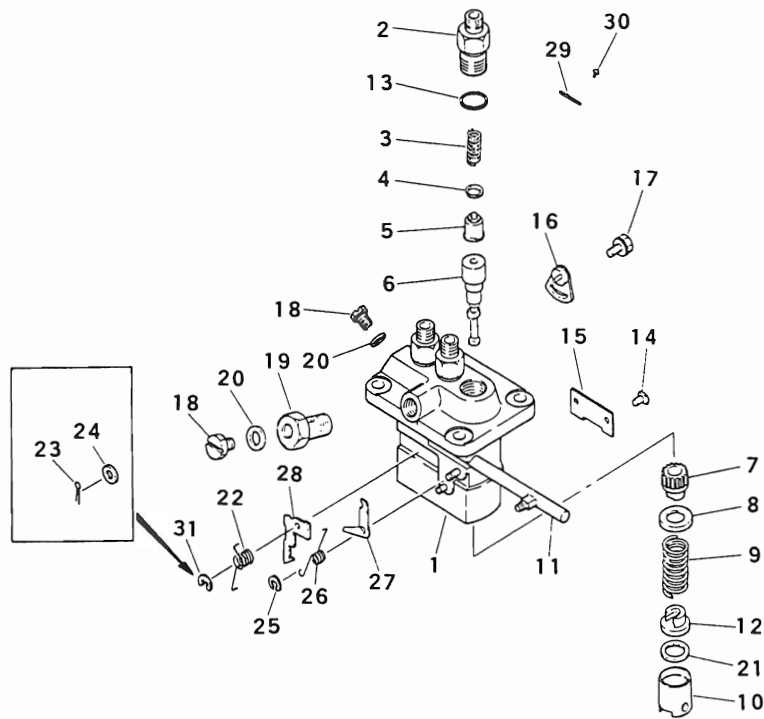
Key No	Parts No	Parts Name	Q'ty					R/P	Application	Description	Remarks
			ALL								
1	MD008761	RETAINER	6						2492~		
	MD005505	RETAINER	6						~2491		
2	MD008760	LOCK,retainer	12						2492~		
	MD000506	LOCK,retainer	12						~2491		
3	MM413060	SEAL, valve stem	6								
4	MD000500	SPRING, valve	6								
5	MM402737	TAPPET	6								
6	MM413050	VALVE, intake	3								
7	MM413051	VALVE, exhaust	3								
8	K7331230	ROD, push	6								
9	MD000963	SPRING, shaft	2								
10	MM406732	ARM, rocker	6								
11	MM406745	WASHER, seat	2								
12	MM413040	ROCKER SHAFT	1								
13	MM413043	STAT, rocker	3								
14	K7231220	SCREW, adjusting	6								
15	MF241225	BOLT, w/washer	2							M6X16	
16	MF430726	NUT, jam	6							M10	
17	MF522010	RING, snap	2							φ19	
18	MF101296	BOLT	3							M10X65	
19	MF450406	WASHER, spring	3							M10	
20	MF450006	WASHER	1							M10	

FIG.128 FUEL SUPPLY PARTS



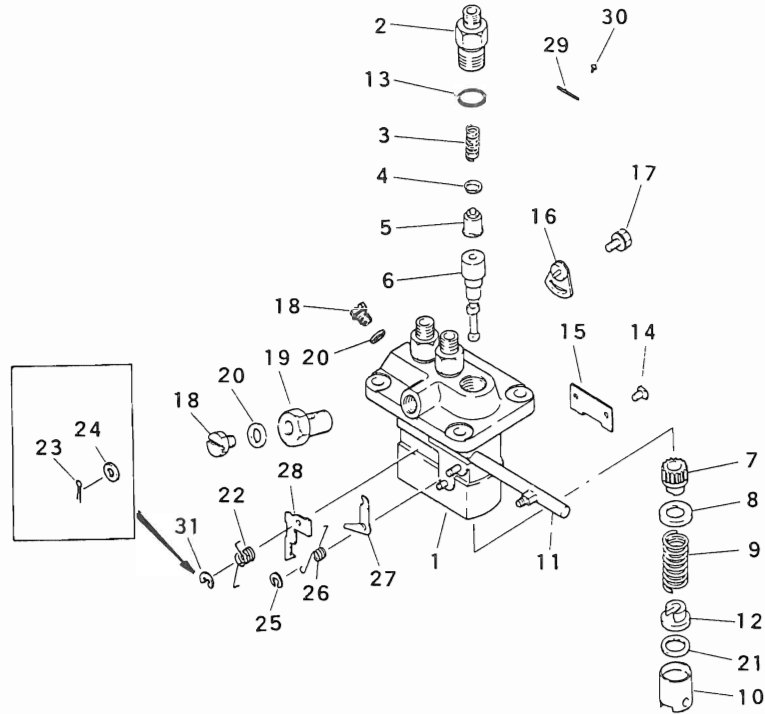
Key No	Parts No	Parts Name	Q'ty				P/P	Application	Description	Remarks
			ALL							
1	MK66114000	WASHER, seal	2						φ14	
2	MM413235	PUMP ASSY.	1					1530~		
	○	PUMP ASSY.	1				A			MM413225 See Fig 129
3	MM409891	SHIM SET	AR							1Set 4PCS t=0 2,0 3,0 4,0 8
4	MM409125	COLLAR, union	1							
5	MF100055	BOLT	4						M8X20	
6	MM402974	NOZZLE HOLDER	3							See Fig 130
7	K6515430	GASKET, holder	3						M8X32	
8	MF101260	BOLT	6							
9	MM430300	PIPE ASSY, no.1	1					1660~		
	○	PIPE ASSY, no.1	1				A			MM406960
10	MM430302	PIPE ASSY, no.2	1					1660~		
	○	PIPE ASSY, no.2	1				A			MM406962
11	MM430304	PIPE ASSY, no.3	1					1660~		
	○	PIPE ASSY, no.3	1				A			MM406964
12	MM430703	CLAMP A	2					2607~		
	○	CLAMP A	2				A			MM400955
13	MM430614	CLAMP B	2					2607~		
	○	CLAMP B	2				A			MM400956
14	MF243628	BOLT, w/washer	2						M6X25	
15	MM413142	FUEL FILTER	1							See Fig 131
16~21	MM413202	FUEL PIPE ASSY.	1							
16	MM100089	CLAMP, hose	8							
17	MM100088	JOINT	1							
18	MM400886	JOINT	1							
19	MM413101	HOSE	2						φ5X25	
20	MM413105	HOSE	1						φ5X90	
21	MM413108	HOSE	1						φ5X115	
22, 23	MM413205	FUEL HOSE ASSY	1							
22	*	HOSE, fuel	1						φ6X360	
23	MS660163	CLIP, hose	2						φ11.6	

FIG.129 FUEL INJECTION PUMP



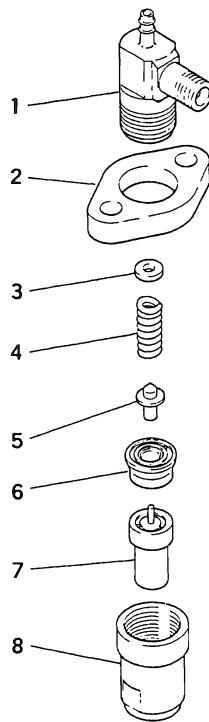
Key No	Parts No	Parts Name	Q'ty					Application	Description	Remarks
			ALL							
1~31	MM413235	PUMP ASSY.	1					1530~		
	○	PUMP ASSY.	1					A		MM413225
1	MM501404	HOUSING ASSY.	1							090110-2830
2	MM501507	HOLDER, valve	3					1530~		090131-0520
	○	HOLDER, valve	3					A		MM500224
										090131-0280
3	MM501161	SPRING, valve	3							090136-0540
4	MM500336	GASKET, valve	3							090137-0061
5	MM501076	VALVE SUB ASSY.	3							090140-0800
6	MM501211	ELEMENT ASSY.	3							090150-1531
7	MM500229	SLEEVE, plunger	3							090161-0210
8	MM501098	SEAT	3							090163-0082
9	MM500360	SPRING, plunger	3							090164-0170
10	MM500230	TAPPET ASSY.	3							090170-0170
11	MM501311	RACK ASSY.	1							090210-0470
12	MM500316	SEAT	3							090301-0060
13	MM500438	O-RING	3							90802-20150
14	MM500231	PIN	3							090183-0050
15	MM501162	PLATE	1							090467-0040
16	MM501077	PLATE ASSY.	2							090070-0012
17	MM501244	BOLT, w/washer	2							949047-1980
18	MM501045	SCREW	2							090244-0180
	○	SCREW	1					4438~	A	MM501152
										090244-0180
19	MM500442	SCREW, follow	1							949180-0510
20	MM500114	WASHER	2							090222-0080
21	MM500299	SHIM, plate	C						t=0.6	090311-0010
	MM500309	SHIM, plate	C						t=0.2	090311-0110
	MM500310	SHIM, plate	C						t=0.3	090311-0120
	MM500311	SHIM, plate	C						t=0.4	090311-0130
	MM500312	SHIM, plate	C						t=0.5	090311-0140
	MM500314	SHIM, plate	C						t=0.25	090311-0160
	MM500315	SHIM, plate	C						t=0.35	090311-0170
	MM501246	SHIM, plate	C						t=0.45	090311-0280
	MM501364	SHIM, plate	C						t=0.55	090311-0300

FIG.129 FUEL INJECTION PUMP



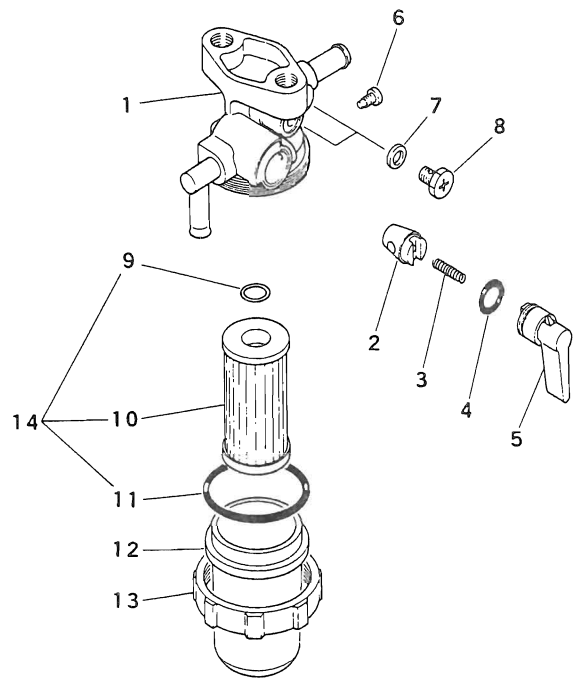
Key No	Parts No	Parts Name	Q'ty					Application	Description	Remarks
			ALL							
22	MM501365	SHIM,plate	C						t=0.65	090311-0310
	MM501247	SPRING,return	1					1530~		090554-0280
	MM501429	SPRING,return	1							090554-0360
23	MM500431	PIN,split	1					~2195		90400-16101 Deleted
24	MM500928	WASHER,plate	1					~2195		949011-3010 Deleted
25	MM500507	E-RING	1							090894-0010
26	MM501382	SPRING	1					1530~		090554-0340
	MM501256	SPRING	1							090554-0300
27	MM501497	PLATE,set	C							090219-3080
	MM501498	PLATE,set	C							090129-3090
	MM501499	PLATE,set	C							090219-3100
	MM501500	PLATE,set	C							090219-3110
	MM501501	PLATE,set	C							090219-3120
28	MM501569	STOPPER MARK:66	C							090219-3630
	MM501270	STOPPER MARK:67	C							090219-3640
	MM501570	STOPPER MARK:68	C							090219-3650
	MM501271	STOPPER MARK:69	C							090219-3660
	MM501571	STOPPER MARK:70	C							090219-3670
	MM501272	STOPPER MARK:71	C							090219-3680
	MM501572	STOPPER MARK:72	C							090219-3690
	MM501273	STOPPER MARK:73	C							090219-3700
	MM501573	STOPPER MARK:74	C							090219-3710
	MM501274	STOPPER MARK:75	C							090219-3720
	MM501574	STOPPER MARK:76	C							090219-3730
	MM501275	STOPPER MARK:77	C							090219-3740
	MM501575	STOPPER MARK:78	C							090219-3750
	MM501386	STOPPER MARK:79	C							090219-3760
	MM501576	STOPPER MARK:80	C							090219-3770
29	MM501432	PLATE,name	1							094503-2490
30	MM500429	RIVET	2							949030-0030
31	MM501496	E-RING	1					2196~		090894-0020

FIG.130 NOZZLE & NOZZLE HOLDER



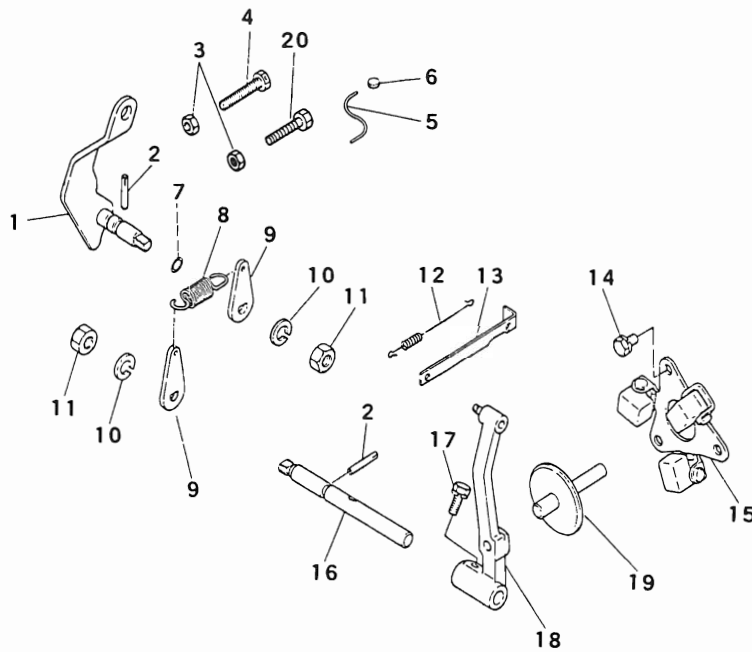
Key No	Parts No	Parts Name	Q' t y					B P	Application	Description	Remarks
			ALL								
1~8	MM402974	NOZZLE HOLDER	3								093500-2300
1	MM501405	BODY	3								093111-2300
2	MM501240	FLANGE	3								093266-0100
3	MM501411	WASHER	C							t = 1.8	093175-0980
	MM501412	WASHER	C							t = 1.85	093175-0990
	MM501413	WASHER	C							t = 1.9	093175-1000
	MM501414	WASHER	C							t = 1.95	093175-1010
	MM501415	WASHER	C							t = 2.0	093175-2100
	MM501416	WASHER	C							t = 2.05	093175-2110
	MM501417	WASHER	C							t = 2.1	093175-2120
	MM501418	WASHER	C							t = 2.15	093175-2130
	MM501419	WASHER	C							t = 2.2	093175-2140
	MM501420	WASHER	C							t = 2.25	093175-2150
	MM501421	WASHER	C							t = 2.3	093175-2160
	MM501422	WASHER	C							t = 2.35	093175-2170
4	MM500136	SPRING,pressure	3								093127-0020
5	MM500135	PIN,pressure	3								093121-0030
6	MM500137	PIECE,distance	3								093174-0010
7	MM300152	NOZZLE ASSY.	3								093400-0010
8	MM500908	NUT,retaining	3								093164-0800

FIG.131 FUEL FILTER



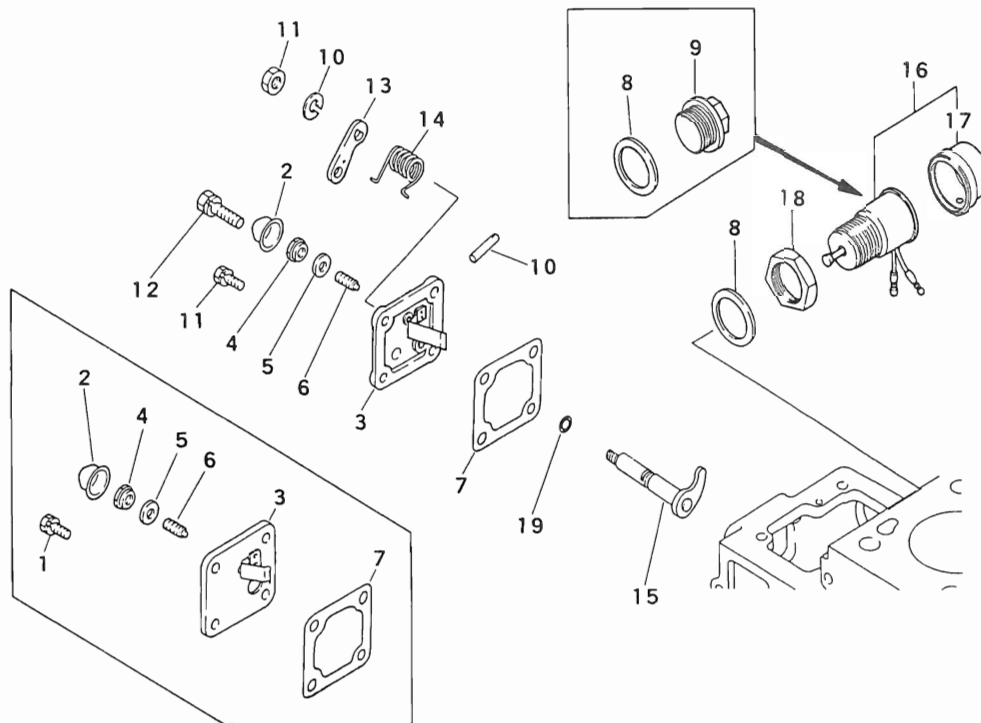
Key No	Parts No	Parts Name	Q'ty					P	Application	Description	Remarks
			ALL								
1~13	MM413142	FUEL FILTER	1								
1,2	MM406883	BODY SUB ASSY.	1								
2	*	VALVE	1								
3	MM404873	SPRING, valve	1								
4	MM404874	O-RING, valve	1								
5	MM404871	LEVER	1								
6	MM404875	SCREW	1								
7	MM404884	PACKING	2								
8	MM404880	SCREW, air vent	2								
9	MM404881	O-RING	1								
10	MM404879	ELEMENT	1								
11	MM404878	O-RING, cup	1								
12	MM400889	CUP, filter	1								
13	MM404877	NUT, ring	1								
14	MM409892	SERVICE KIT	AR								Inc the mark

FIG.132 GOVERNOR & CONTROL PARTS (1/2)



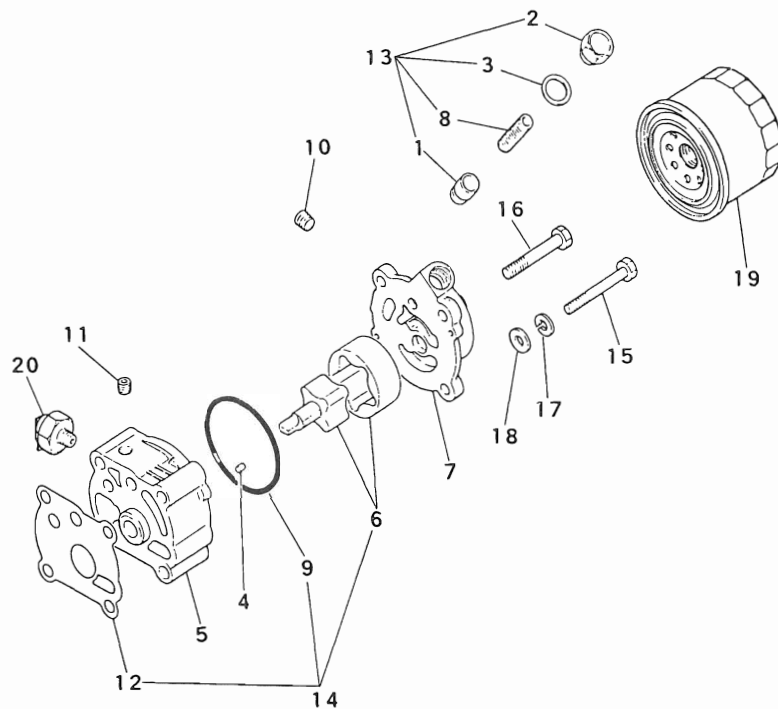
Key No	Parts No	Parts Name	Q'ty					P/P	Application	Description	Remarks
			ALL								
1	MM409237	CONTROL LEVER	1								
2	K8712630	PIN,grooved	2								
3	MF430004	NUT	2							M6	
4	MM401080	BOLT	1								
5	MK99300140	WIRE	1								
6	MK99200001	METAL,sealing	1								
7	MF520002	O-RING	2							φ7	
8	MM409186	SPRING	1								
9	MM407035	LEVER,governor	2								
10	MF450405	WASHER,spring	3							M8	
11	MF430725	NUT,jam	3							M8	
12	MM409182	SPRING,tie rod	1								
13	MM409181	ROD,tie	1								
14	MF241222	BOLT,w/washer	3							M6X10	
15	MM407006	WEIGHT ASS'Y	1						2225~		
	○	WEIGHT ASSY.	1					A			MM407000
16	MM407031	SHAFT,governor	1								
17	MF244823	BOLT,w/washer	1							M6X14	
18	MM407028	LEVER ASSY.	1								
19	MM407010	SHAFT ASSY.	1								
20	MM401082	BOLT	1								

FIG.133 GOVERNOR & CONTROL PARTS (2/2)



Key No	Parts No	Parts Name	Q' t y					Application	Description	Remarks
			ALL							
1	MF241224	BOLT,w/washer	4					DEC 1982	M6X14	Deleted
2	MM409169	CAP,sealing	1							
3~6	MM409640	COVER ASSY.	1							
	○	COVER ASSY.	1					A		MM409213
3	*	COVER	1							
4	MM409168	NUT,special	1						M6	
5	MF660031	GASKET	1							
	○	WASHER,seal	1					A		MK66106000
6	MM409167	SCREW,adjusting	1						M6X17	
7	MM409151	GASKET,cover	1							
8	MF660042	GASKET	1						φ30	
9	MM409672	PLUG	1					DEC 1982		Deleted
10	K8712630	PIN,grooved	3							
11	MF241226	BOLT	3						M6X18	
12	MF241231	BOLT	1						M6X30	
13	MM409686	LEVER,stop	1							
14	MM413362	SPRING,return	1							
15	MM413360	LEVER ASSY.	1							
16	MM409670	SOLENOID ASSY.	1							Inc.the No.17
17	MM317093	CAP,gum	1							
18	MM409671	NUT	1							

FIG.134 OIL PUMP



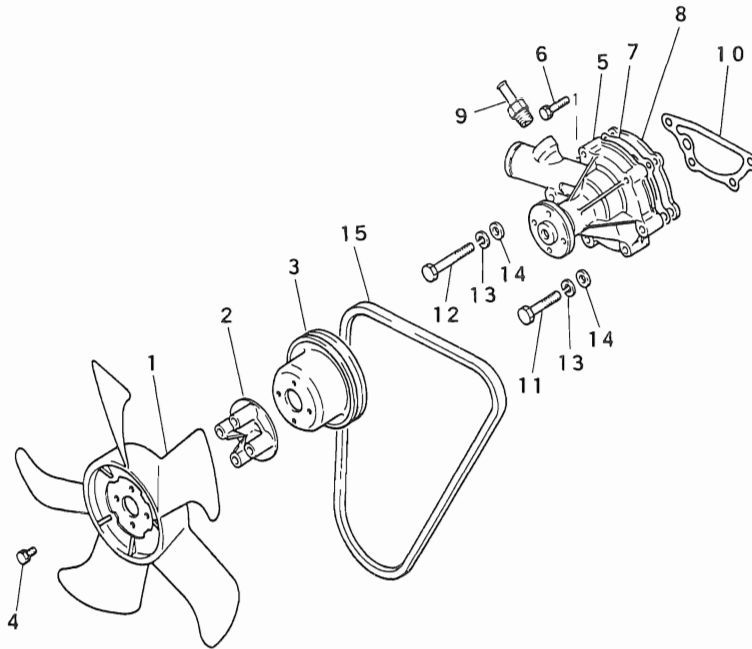
Key No	Parts No	Parts Name	Q'ty					Application	Description	Remarks
			ALL							
1~11	MM409371	OIL PUMP ASSY.	1							
1	MD001402	PLUNGER,relief	1							
2	MD001404	PLUG	1							
3	MD000312	GASKET	1						φ18	
4	MM409373	PIN,dowel	2							
5	MM409244	BODY,oil pump	1							
6	MM407125	ROTOR ASSY.	1							
7	MM409372	COVER,oil pump	1							
8	MM409204	SPRING,relief	1							
9	MM407145	O-RING	1							
10	MS661121	PLUG,taper	1						PT= 1/4	
11	MS661120	PLUG,taper	1						PT= 1/8	
12	MM407124	GASKET,oil pump	1							
13	MM409893	SERVICE KIT	AR							Inc.the mark
14	MM409894	SERVICE KIT	AR							Inc.the mark
15	MF101268	BOLT	3						M8X65	
16	MF101267	BOLT	1						M8X60	
17	MF450405	WASHER,spring	3						M8	
18	MS450035	WASHER	3						M8	
19	MD031805	OIL FILTER ASSY	1							
20	MM431717	PRESSURE SWITCH	1					3038~		
	○	PRESSURE SWITCH	1				A			MD021566

This diagram shows an exploded view of a mechanical assembly. The main component is a large, irregularly shaped metal casting with several circular features. The assembly includes the following parts, indicated by numbered callouts:

- 1:** A small, rectangular component, possibly a gasket or a small plate, located near the top center of the main casting.
- 2:** A cylindrical component with a flange at the bottom, positioned above the main casting.
- 3:** A small, circular component, possibly a washer or a small flange, located below the main casting.
- 4:** A long, cylindrical component with a threaded section at the bottom, positioned vertically below the main casting.
- 5:** A small, circular component, possibly a washer or a small flange, located at the top right of the main casting.
- 6:** A small, circular component, possibly a washer or a small flange, located at the bottom right of the main casting.
- 7:** A small, cylindrical component, possibly a pin or a small rod, located below the main casting.
- 8:** A small, circular component, possibly a washer or a small flange, located at the bottom left of the main casting.
- 9:** A long, L-shaped component with a threaded section at the bottom, positioned at the bottom left of the main casting.
- 10:** A small, circular component, possibly a washer or a small flange, located at the bottom left of the main casting.

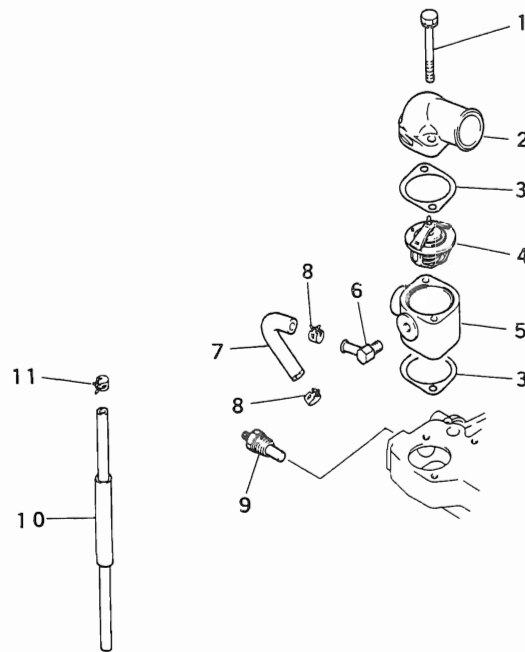
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FIG.136 FAN & WATER PUMP



Key No	Parts No	Parts Name	Q'ty					Application	Description	Remarks
			ALL							
1	MD009014	FAN,cooling	1						φ340X5.S	
	○	FAN,cooling	1					A	φ340X5.S	MM407455
2	MD011338	SPACER,fan	1						φ30	
3	MM405460	PULLEY,pump	1							
4	MF241236	BOLT,w/washer	4							
5-9	MM407402	PUMP ASSY.	1						M6X45	
5	*	PUMP,water	1							
6	MF240031	BOLT,w/washer	2						M6X30	
7	MM409326	GASKET	1							
8	MM409327	PLATE	1							
9	MM409314	JOINT	1							
10	MM407422	GASKET	1							
11	MF101264	BOLT	3						M8X45	
12	MF101267	BOLT	1						M8X60	
13	MF450405	WASHER,spring	4						M8	
14	MS450035	WASHER	4						M8	
15	MD041704	BELT,fan	1							(HM Poc = 972)

FIG.137 COOLING PARTS



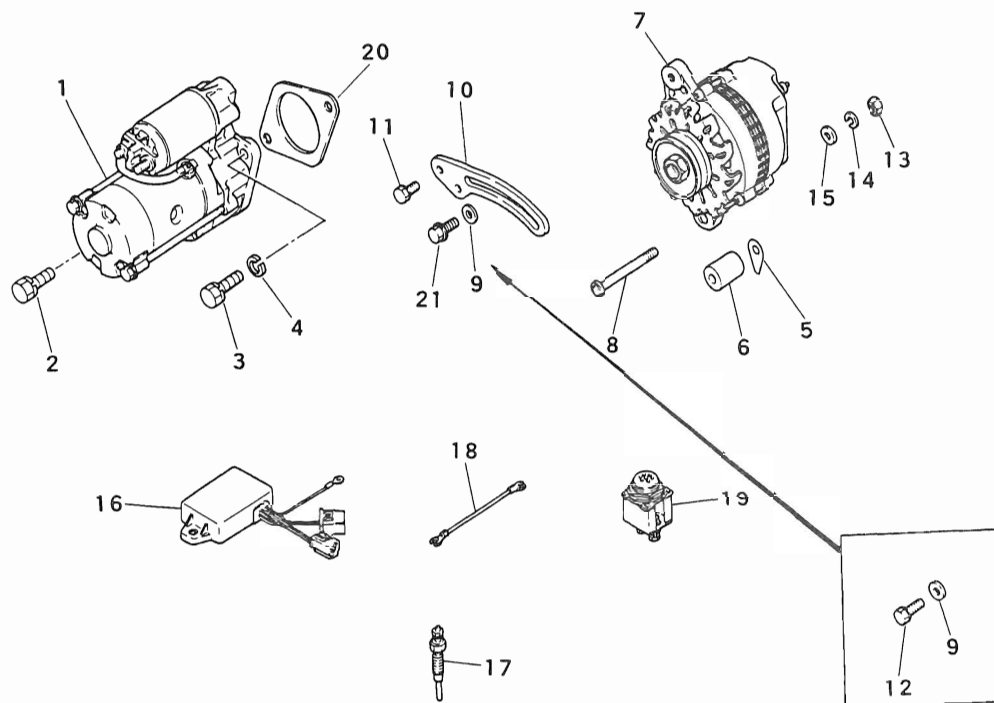
Key No	Parts No	Parts Name	Q' t y					Application	Description	Remarks
			ALL							
1	MF241267	BOLT,w/washer	2						M8X70	
2	MD008771	FITTING,outlet	1							
3	MD000551	GASKET	2							
4	MD001370	THERMOSTAT	1							
5	MM409334	FITTING	1							
6	MM409311	JOINT,water	1							
7,8	MM409336	HOSE ASSY.	1							
7	*	HOSE	1							
8	MS660164	CLIP,hose	2						φ13.1	
9	MM409381	SWITCH,thermo	1							
10, 11	MM413740	HOSE ASSY.	1						φ11.6	
10	*	HOSE	1						φ6X400	
11	MS660163	CLAMP,hose	1						φ11.6	

This diagram shows an exploded view of a mechanical assembly. The components are numbered as follows:

- 1**: A long, thin metal plate or bracket.
- 2**: A small bolt or screw.
- 3**: A cylindrical component, possibly a cap or a connector.
- 4**: A small pin or clip.
- 5**: A small circular flange or washer.
- 6**: A U-shaped bracket or support.
- 7**: A large, complex metal casting or housing.
- 8**: A square plate with a central hole.
- 9**: A small pin or clip.
- 10**: A small pin or clip.
- 11**: A square plate with four holes.
- 12**: A small pin or clip.
- 13**: A small, curved metal piece or bracket.

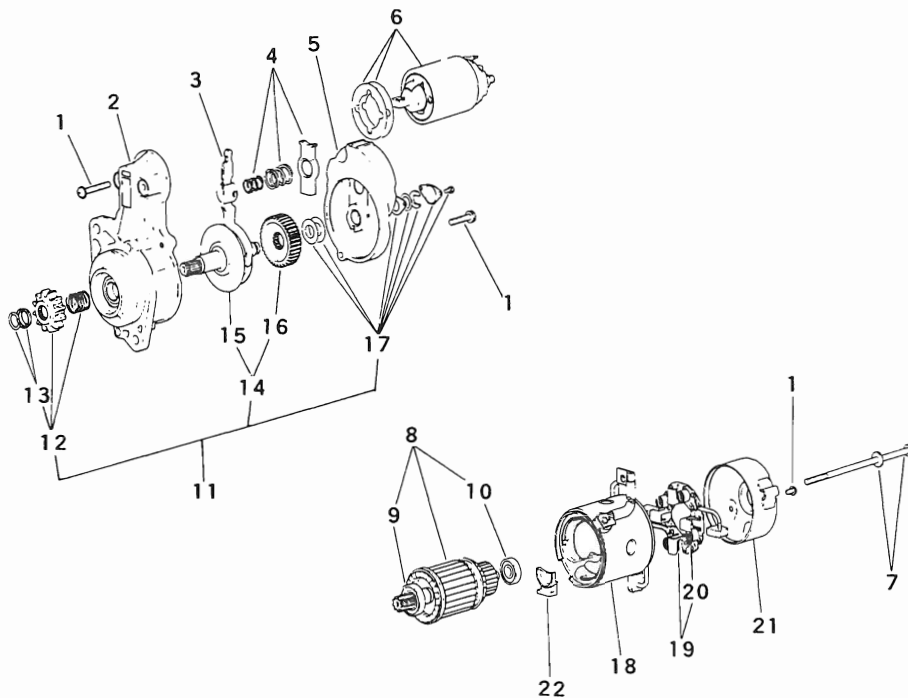
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FIG.139 ELECTRICAL EQUIPMENT



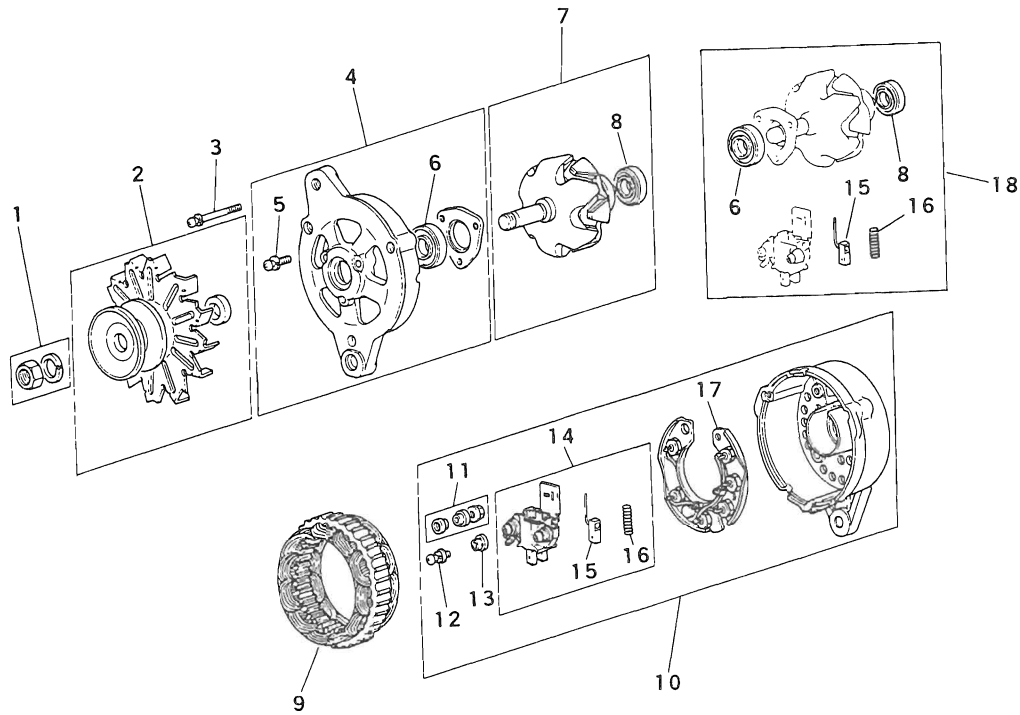
Key No	Parts No	Parts Name	Q' t y					Application	Description	Remarks
			ALL							
1	MM409412	STARTER ASSY.	1							
2	MF241282	BOLT,w/washer	1						M10X25	
3	MM409420	BOLT,starter	1							
4	MF450406	WASHER,spring	1							
5	MD001517	SHIM	AR							
6	MM407655	SPACER	1							
7	MD017645	ALTERNATOR ASSY	1							
8	MD017625	BOLT	1						M8X85	
9	MD001521	WASHER,plain	1					1750~		
	○	WASHER	1					A		MD000425
10	MM413829	BLACE	1							
11	MF241251	BOLT,w/washer	1						M8X16	
12	MF241255	BOLT,w/washer	1						M8X25	
13	MF430005	NUT	1						M8	
14	MF450405	WASHER,spring	1						M8	
15	MS450035	WASHER	1						M8	
16	MM409675	TIMER UNIT	1							
17	MM409510	PLUG,glow	3							Y-114T
18	MM409511	WIRE,glow plug	2							
19	MM409515	LAMP,glow	1							
20	MM409419	GASKET,starter	1							
21	MF140026	BOLT,flange	1					1750~		

FIG.140 STARTER



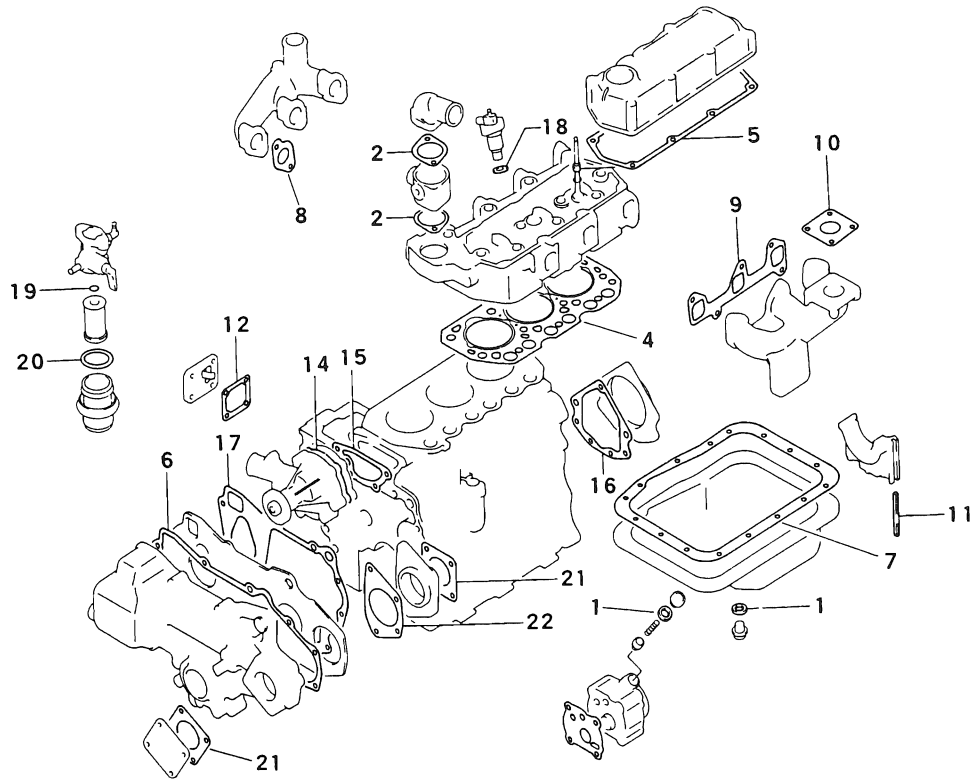
Key No	Parts No	Parts Name	Q' t y					Application	Description	Remarks
			ALL							
1~22	MM409412	STARTER ASSY.	1							M002T5671
1	MD607631	SCREW SET	1							M414X04873
2	MM502436	BRACKET ASSY.	1							M641X64971
3	MD607633	LEVER ASSY.	1							M863C06171
4	MD607446	SPRING SET	1							M389X11472
5	MM502441	BRACKET ASSY.	1							M640B27771
6	MD607634	SWITCH ASSY.	1							M372X00471
7	MD607635	BOLT SET	1							M981X72872
8	MD607636	ARMATURE SET	1							M106X29871
9	MD607643	BEARING,front	1							S930P16470
10	MD607638	BEARING,rear	1							S930P60470
11	MM502438	CLUTCH ASSY	1							M357X85371
12	MM502439	PINION SET	1							M605X30671
13	ME700124	STOPPER SET	1							M385X03771
14	MM502442	GEAR SET	1							M231X01371
15	MD607642	SHAFT ASSY.	1							M357T73171
16	MM502443	GEAR	1							M231C01301
17	ME700125	COVER SET	1							M212X11771
18	MM502440	YOKE ASSY.	1							M800X44971
19	ME700127	HOLDER ASSY.	1							M649T05071
20	ME700128	SPRING,brush	4							M391C02501
21	MD607645	BRACKET,rear	1							M644X21671
22	MM502444	PACKING	1							M578D22801

FIG.141 ALTERNATOR



Key No	Parts No	Parts Name	Q'ty					Application	Description	Remarks
			ALL							
1~18	MD017645	ALTERNATOR ASSY	1							A001T22074
1	MM502340	NUT SET	1							A529X02171
2	MD607170	PULLEY ASSY.	1							A628T20870
3	MD607212	SCREW SET	1							A414X12771
4	MD607267	BRACKET ASSY.	1							A414X12771
5	MD602938	SCREW SET	1							A414X06771
6	MD602264	BEARING,front	1							S930P25570
7	MM502298	ROTOR ASSY.	1							A880T12170
8	MD602789	BEARING	1							S930P26470
9	MM502299	STATOR	1							A383T12570
10	MD607268	BRACKET ASSY	1							A641T21170
11	MD607176	NUT SET	1							A529X04071
12	MF350769	SCREW,w/washer	1						M5X14	S054S05145
13	MD602826	MOLD	1							A771S01017
14~16	MD602797	BRUSH ASSY	1							A649X04070
14	*	BRUSH HOLDER	1							
15	MD602783	BRUSH	2							A648D01670
16	MD602227	SPRING,brush	2							A389C01101
17	MD607269	RECTIFIER ASSY	1							A860T01770
18	MM409897	SERVICE KIT	AR							Inc.the mark

FIG.142 REPAIR GASKET KIT



Key No	Parts No	Parts Name	Q' t y					Application	Description	Remarks
			ALL							
1~22	MM344007	GASKET KIT	1							
1	MD000312	GASKET	2							
2	MD000551	GASKET	2							
3	MM413060	SEAL, valve stem	6							
4	MM412540	GASKET, cylinder	1							
5	MM412572	GASKET, cover	1							
6	MM406416	GASKET, case	1							
7	MM412651	GASKET, oil pan	1							
8	MM407305	GASKET	3							
9	MM412565	GASKET	1							
10	MM408581	GASKET	2							
11	MM406228	SEAL, side	4							
12	MM409151	GASKET, cover	1							
13	MM407124	GASKET, oil pump	1							
14	MM409326	GASKET, pump	1							
15	MM407422	GASKET, pump	1							
16	MM406241	GASKET, oil seal	1							
17	MM406265	GASKET, plate	1							
18	K6515430	GASKET, holder	3							
19	MM404881	O-RING, element	1							
20	MM404878	O-RING, cup	1							
21	MM401206	GASKET, cover	2							
22	MM407261	GASKET, housing	1							

