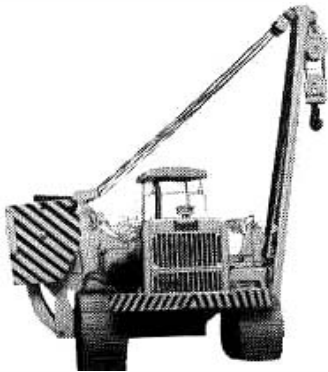




B6D125-1 ENGINE



ON



BP41 PIPELAYER

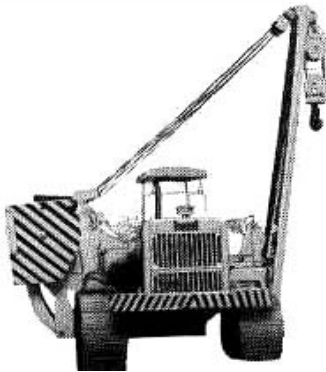
**BD80 NA
CRAWLER DOZER**

PARTS CATALOGUE

BEML LIMITED
MYSORE, INDIA.



B6D125-1 ENGINE



ON



BP41 PIPELAYER

**BD80 NA
CRAWLER DOZER**

PARTS CATALOGUE

BEML LIMITED
MYSORE, INDIA.

FOREWORD

Parts book details are subject to periodical changes due to design improvements, standardisation, etc.,

It is recommended that customers contact Beml service centers for information on latest revision.

To avoid errors in ordering , the following procedures should be followed:

1. Be sure to give the serial number of engine.
2. Give the part number, name of part and quantity ordered. Ensure the part number is applicable for the particular engine Sl.No.
3. Give the desired destination and method of shipment along with any special invoicing instructions.

EXPLANATION OF PARTS BOOK :

DETAIL	EXPLANATION
FIG. No.	Generally a fig. number indicates an assembly group.
ITEM	The item number is the Sl.No. of the part as mentioned in the figure.
PART NUMBER	The number by which the parts are identified. This shall be quoted in the order.
NAME OF PART	Component / Assembly name. This shall be quoted in the order.
QTY.	Quantity. If no level code : Means quantity per engine. With level code : Means quantity per assembly to which it is a part
ENGINE SL. No.	Engine serial numbers to which the part is applicable. If no number appears after “-” the part is currently applicable.
*	This part is not supplied as individual part but supplied only as assembly
LEVEL CODE	One of this level codes when mentioned against “name of part”, indicates level in assembly. Parts with no level code are assembled directly to engine. ‘...’ items are part of ‘..’ ‘..’ items are part of ‘.’
K1, K2, ETC.,	When followed with part number it indicates that it is part of a gasket kit.
STD.	Standard part
U/S	Under – size part
O/S	Over – size part
AR	As required.
OPT.	Optional.
NA	NATURAL ASPIRATION
**	APPLICABLE EXCLUSIVELY TO BP41 PIPE LAYER.
\$\$	APPLICABLE EXCLUSIVELY TO BD80 NA DOZER

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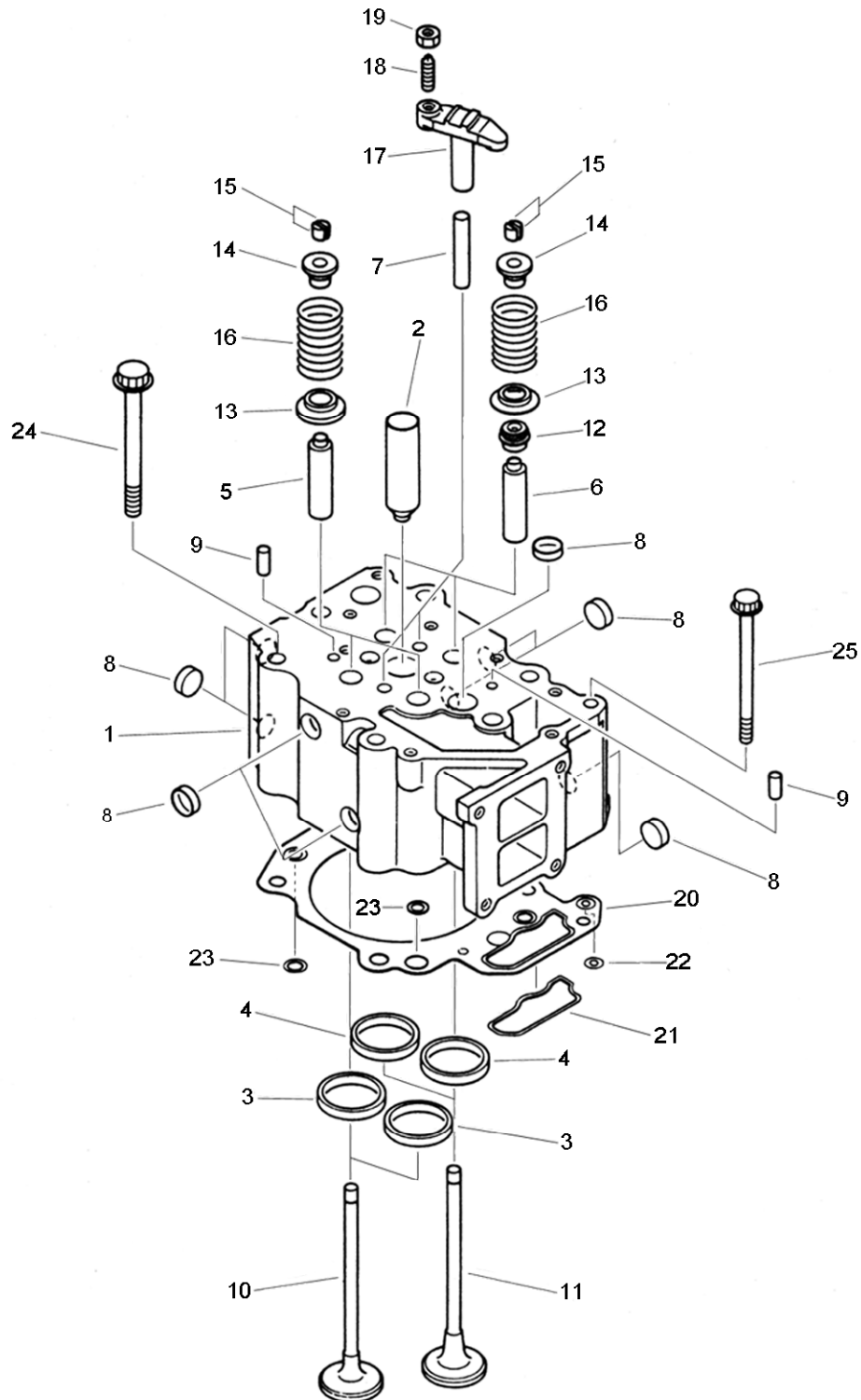
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CYLINDER HEAD ASSEMBLY

FIG. No. 1010



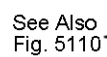
B6D125-1(BP41/ BD80 NA)

CYLINDER HEAD ASSEMBLY

FIG. No. 1010

ITEM	PART NUMBER	NAME OF PART	QTY	ENGINE SL.No.
1	30Z1100434	. CYL HEAD ASSY, LESS VALVE	1	Z302550001-
	(*30Z1140173)	.. CYLINDER HEAD .	1	Z302550001-
2	30Z1120158	.. SLEEVE, NOZZLE HOLDER	1	Z302550001-
3	30Z1180252	.. SEAT,INTAKE VALVE,INSERT	2	Z302550001-
3	30Z1180293	.. SEAT,IN VALVE,O/S 0.25	2	Z302550001-
3	30Z1180309	.. SEAT,IN VALVE,O/S 0.50	2	Z302550001-
3	30Z1180317	.. SEAT,IN VALVE,O/S 0.75	2	Z302550001-
3	30Z1180325	.. SEAT,IN VALVE,O/S 1.00	2	Z302550001-
4	30Z1180244	.. SEAT,EXHAUST VALVE,INSERT	2	Z302550001-
4	30Z1180333	.. SEAT,EX VALVE, O/S 0.25	2	Z302550001-
4	30Z1180341	.. SEAT,EX VALVE, O/S 0.50	2	Z302550001-
4	30Z1180358	.. SEAT,EX VALVE, O/S 0.75	2	Z302550001-
4	30Z1180366	.. SEAT,EX VALVE, O/S 1.00	2	Z302550001-
5	30Z1140181	.. GUIDE,INT VALVE(SEMI-FINISHED)	4	Z302550001-
6	30Z1140376	.. GUIDE,INT. VALVE	4	Z302550001-
7	30Z1110057	.. GUIDE	2	Z302550001-
8	30Z1110146	.. PLUG,EXPANSION	8	Z302550001-
9	CFP04-00820	.. DOWEL PIN	2	Z302550001-
10	30Z1180399	. VALVE ,INTAKE	2	Z302550001-
11	30Z1180269	. VALVE, EXHAUST	2	Z302550001-
12	30Z1180447 K1	. SEAL,VALVE	2	Z302550001-
13	30Z1110098	. SEAT,SPRING,LOWER	4	Z302550001-
14	30Z1110105	. SEAT,SPRING,UPPER	4	Z302550001-
15	30Z1110049	. COTTER,VALVE	8	Z302550001-
16	30Z1110081	. SPRING,VALVE,EXHAUST	4	Z302550001-
	30Z1100037	CROSS HEAD ASSY.	12	Z302550001-
17	30Z1150209	. CROSS HEAD	1	Z302550001-
18	30Z1110113	. SCREW	1	Z302550001-
19	30Z1110121	. NUT	1	Z302550001-
20	30Z1100029 K1	GASKET,HEAD	6	Z302550001-
21	31Z1160104	. GROMMET,OIL	1	Z302550001-
22	31Z1160112	. GROMMET,OIL	1	Z302550001-
23	30Z1160407	. GROMMET	4	Z302550001-
24	30Z1110065	BOLT	36	Z302550001-
25	01438-01020	BOLT	6	Z302550001-

FIG. No. 1110



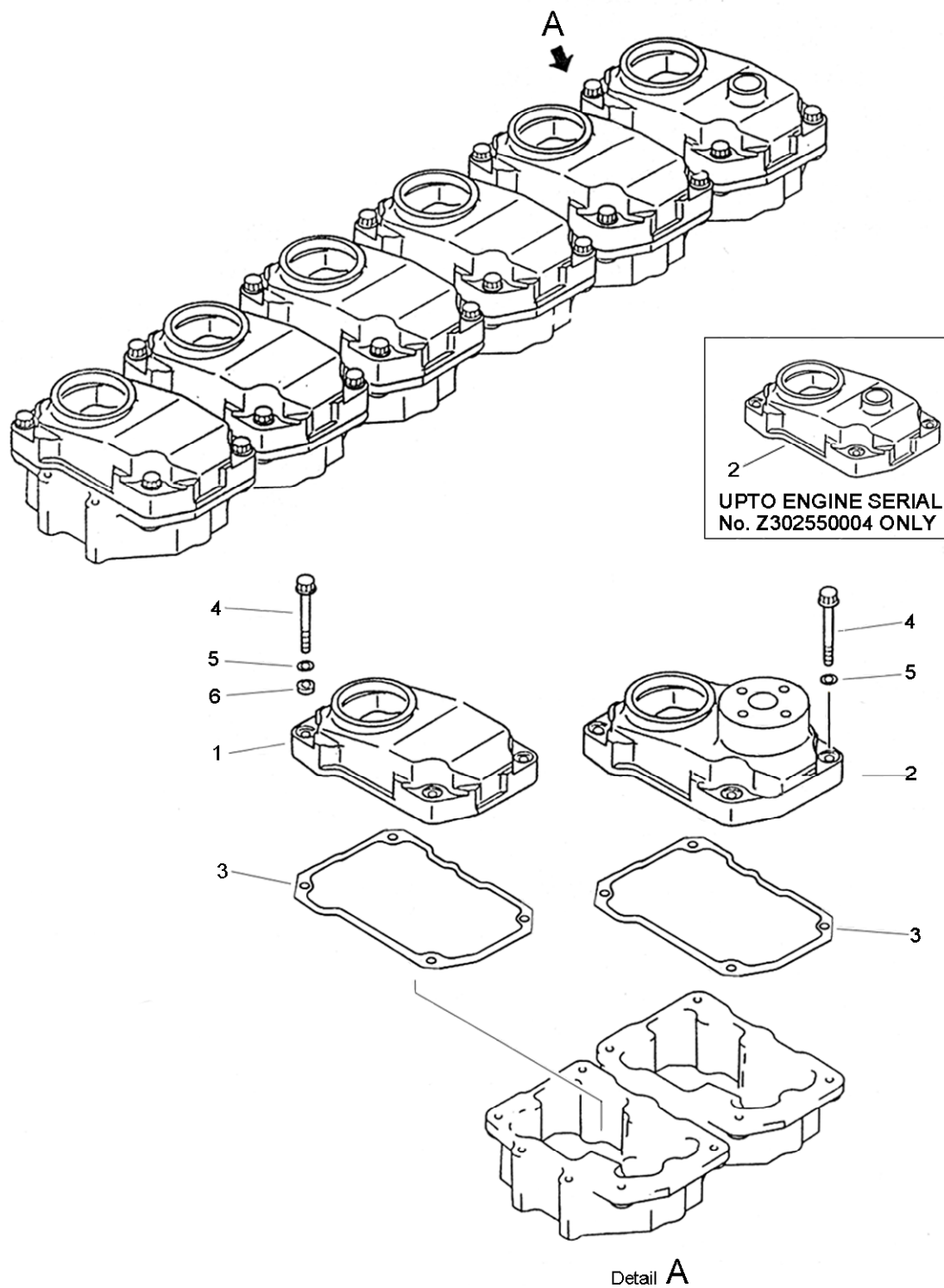
B6D125-1 (BP41 / BD80 NA)

ROCKER ARM AND HOUSING
FIG. No. 1110

ITEM	PART NUMBER	NAME OF PART	QTY	ENGINE SL.No.
1	30Z4120236	HOUSING,ROCKER	6	Z302550001-
2	30Z4170287 K1	GASKET	6	Z302550001-
3	01437-01075	BOLT	40	Z302550001-
4	CFW05-10032	WASHER	40	Z302550001-
5	CFB01-21095	BOLT	2	Z302550001-
6	CFW02-11020	WASHER	2	Z302550001-
	30Z4100075	ROCKER ARM ASSY.,INTAKE	6	Z302550001-
	30Z4100067	• ROCKER ARM,INTAKE	1	Z302550001-
7	30Z4150182	•• ROCKER ARM,INTAKE	1	Z302550001-
8	30Z4180299	•• BUSHING,ROCKER ARM	1	Z302550001-
9	30Z4110208	• SCREW	1	Z302550001-
10	CFN19-41008	• NUT	1	Z302550001-
	30Z4100091	ROCKER ARM ASSY.,EXHAUST	6	Z302550001-
	30Z4100083	• ROCKER ARM ,EXHAUST	1	Z302550001-
11	30Z4150199	•• ROCKER ARM ,EXHAUST	1	Z302550001-
12	30Z4180299	•• BUSHING,ROCKER ARM	1	Z302550001-
13	30Z4190253	•• RIVET	1	Z302550001-
14	30Z4110208	• SCREW	1	Z302550001-
15	CFN19-41008	• NUT	1	Z302550001-
	30Z4100059	SHAFT,ROCKER ARM, ASSY.	6	Z302550001-
16	(*30Z4110168)	• SHAFT,ROCKER ARM	1	Z302550001-
17	30Z4190318	• BALL	1	Z302550001-
18	30Z4180177	SPRING	6	Z302550001-
19	30Z4110224	BOLT	12	Z302550001-

ROCKER ARM HOUSING COVER

FIG. No. 1150



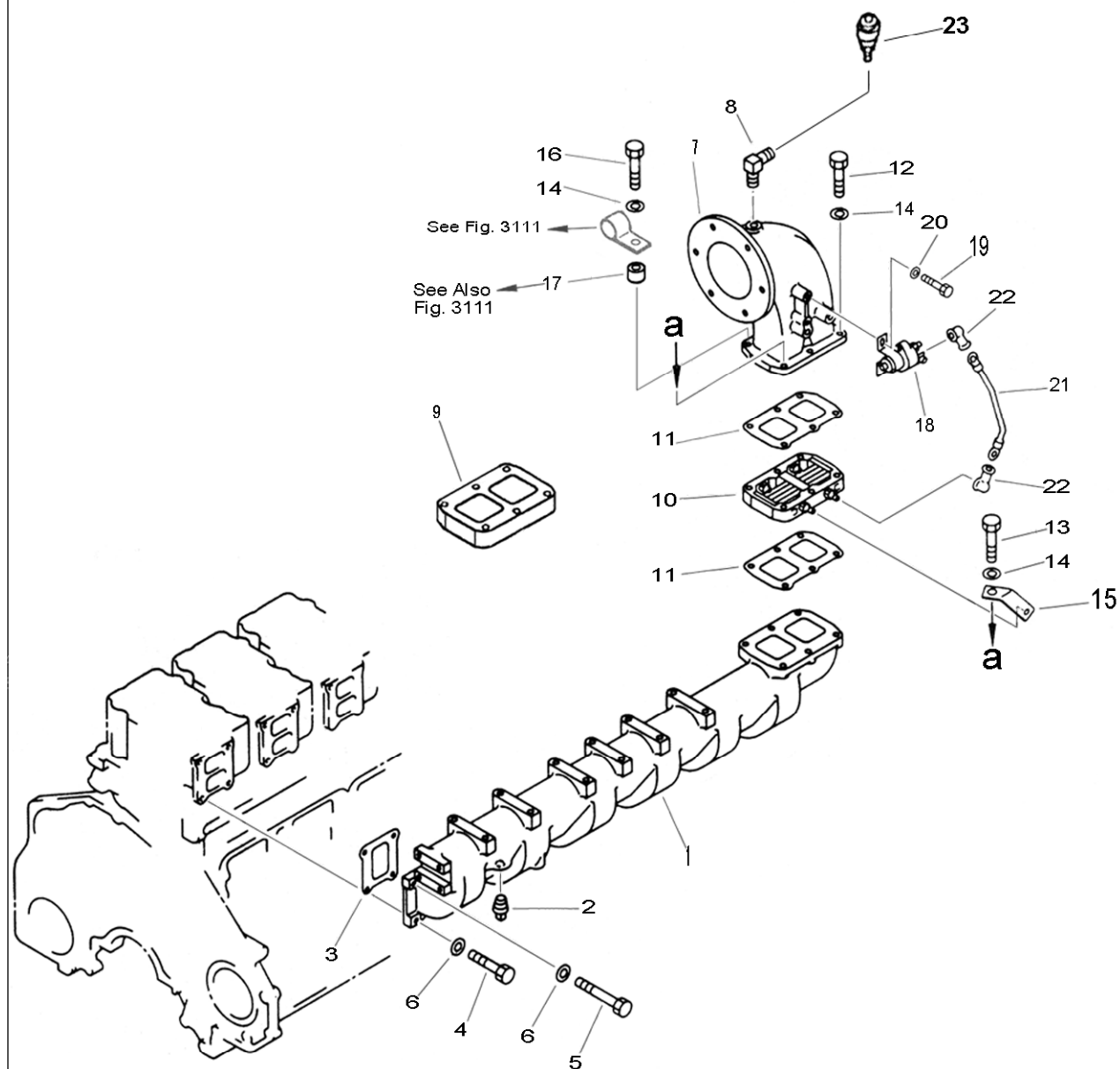
ROCKER ARM HOUSING COVER

FIG. No. 1150

ITEM	PART NUMBER	NAME OF PART	QTY	ENGINE SL.No.
1	30Z1120474	COVER,CYLINDER HEAD	5	Z302550001-
2	30Z1140505	COVER,CYLINDER HEAD	1	Z302550001-
3	30Z1120482 K1	GASKET	6	Z302550001-
4	30Z4110224	BOLT	24	Z302550001-
5	CFW03-11020	WASHER	24	Z302550001-

AIR INTAKE MANIFOLD

FIG. No. 1310

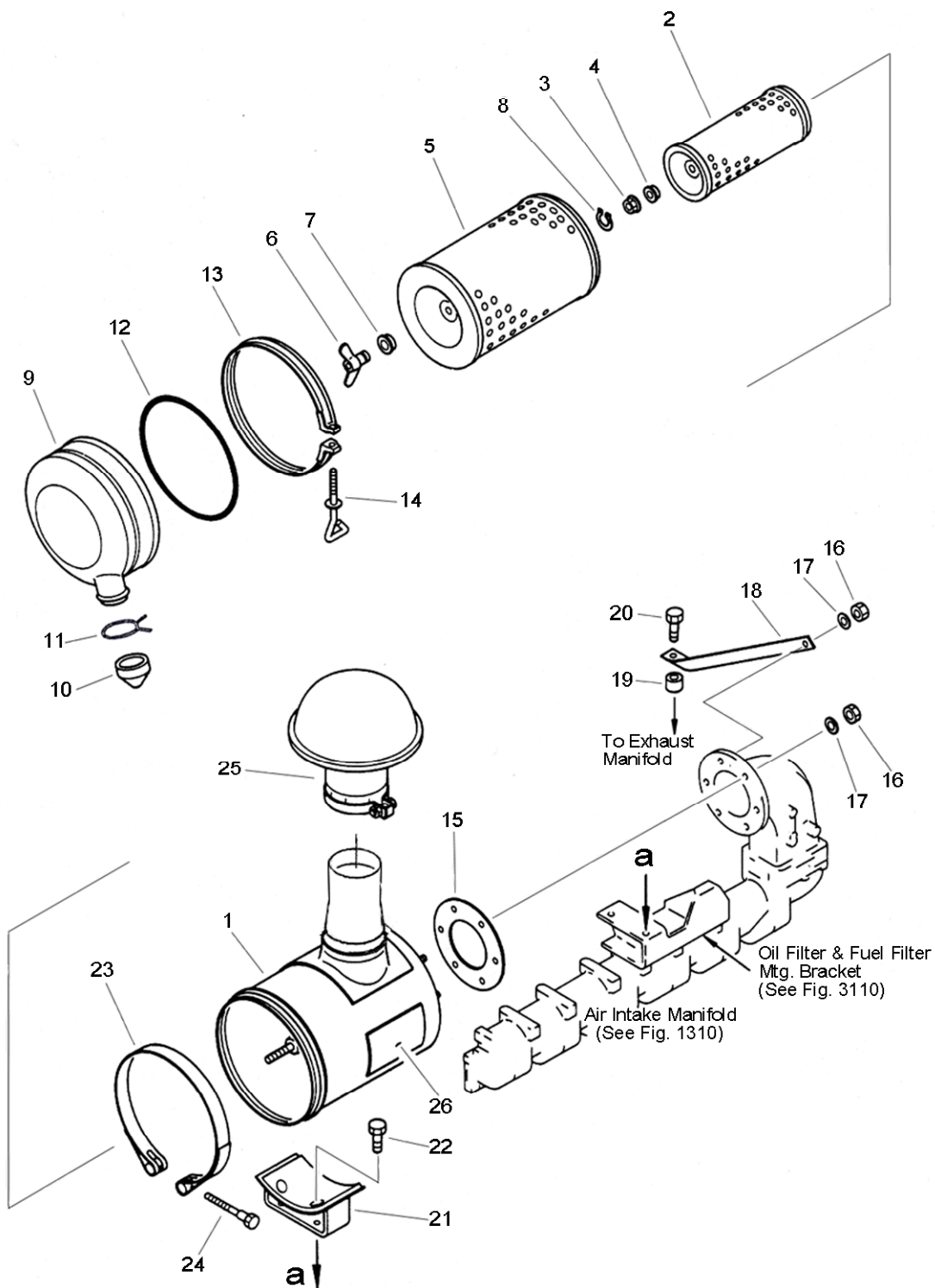


AIR INTAKE MANIFOLD
FIG. No. 1310

ITEM	PART NUMBER	NAME OF PART	QTY	ENGINE SL.No.
	30Z1200015	INTAKE MANIFOLD ASSY.	1	Z302550001-
1	30Z1220322	MANIFOLD,INTAKE	1	Z302550001-
2	CPL01-11521	PLUG	1	Z302550001-
3	30Z1270113 K1	GASKET	6	Z302550001-
4	CFB01-21030	BOLT	11	Z302550001-
5	CFB02-21010	BOLT	8	Z302550001-
6	CFW02-11020	WASHER	19	Z302550001-
7	30Z1240087	CONNECTOR, AIR INTAKE	1	Z302550001-
8	08671-50721	ADAPTER	1	Z302550001-
9	30Z8221048	SPACER	1	Z302550001-
10	30Z8280705	HEATER,AIR(OPT)	1	Z302550001-
11	30Z1270121 K1	GASKET	2	Z302550001-
12	CFB01-21055	BOLT	4	Z302550001-
13	CFB01-21055	BOLT	1	Z302550001-
14	CFW02-11020	WASHER	6	Z302550001-
15	30Z8290052	PLATE(OPT)	1	Z302550001-
16	CFB01-21060	BOLT	1	Z302550001-
17	30Z5110104	SPACER	1	Z302550001-
18	30Z8280098	SWITCH,HEATER(OPT)	1	Z302550001-
19	CFS01-30616	SCREW (OPT)	2	Z302550001-
20	CFW02-10616	WASHER(OPT)	2	Z302550001-
21	30Z8280121	WIRE(OPT)	1	Z302550001-
22	08038-00519	CAP(OPT)	2	Z302550001-
23	08670-02001	DUST INDICATOR	1	Z302550001-

AIR CLEANER

FIG. No. 1410

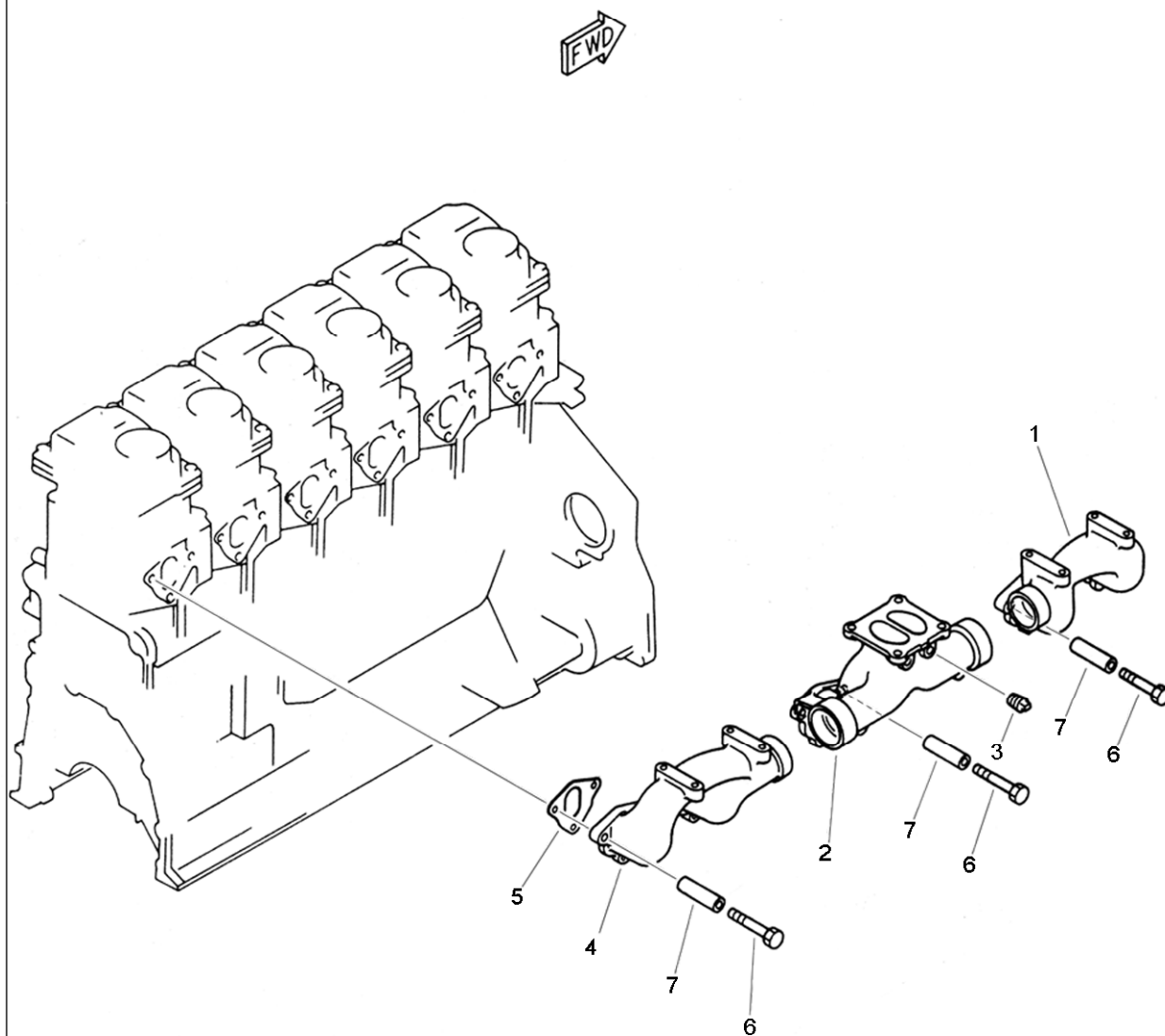


AIR CLEANER**FIG. No. 1410**

ITEM	PART NUMBER	NAME OF PART	QTY	ENGINE SL.No.
1	30Z1280336	AIR CLEANER	1	Z302550001-
	30Z1280247	. BODY,AIR CLEANER	1	Z302550001-
	30Z1280296	. ELEMENT ASSY.	1	Z302550001-
2	(*30Z1280158)	.. INNER,ELEMENT	1	Z302550001-
3	30Z1280222	.. NUT,SPECIAL	1	Z302550001-
4	30Z1280214	.. SEAL WASHER	1	Z302550001-
	30Z1280133	.. ELEMENT,OUTER ASSY.	1	Z302550001-
5	(*30Z1280141)	... ELEMENT,OUTER	1	Z302550001-
6	30Z1280199	... WING NUT	1	Z302550001-
7	30Z1280206	... SEAL WASHER	1	Z302550001-
8	CFL01-11510	... SNAP RING	1	Z302550001-
9	30Z1280166	. PAN,DUST	1	Z302550001-
10	30Z1280174	. VALVE	1	Z302550001-
11	30Z1280311	. CLIP	1	Z302550001-
12	30Z1260094	. O-RING	1	Z302550001-
13	30Z1280288	. BAND	1	Z302550001-
14	30Z1230075	. WING BOLT	1	Z302550001-
15	30Z1270105 K1	GASKET	1	Z302550001-
16	CFN19-41008	NUT	6	Z302550001-
17	CFW02-11020	WASHER	6	Z302550001-
18	30Z1210027	PLATE	1	Z302550001-
19	30Z1210035	SPACER	1	Z302550001-
20	CFB01-21040	BOLT	1	Z302550001-
21	30Z1230067	BRACKET,AIR CLEANER	1	Z302550001-
22	CFB01-21025	BOLT	2	Z302550001-
23	30Z1280255	BAND	1	Z302550001-
24	30Z1210043	BOLT	1	Z302550001-
25	30Z1280182	CAP,AIR	1	Z302550001-
26	31Z9980423	STICKER, WARNING	1	Z302550001-

EXHAUST MANIFOLD

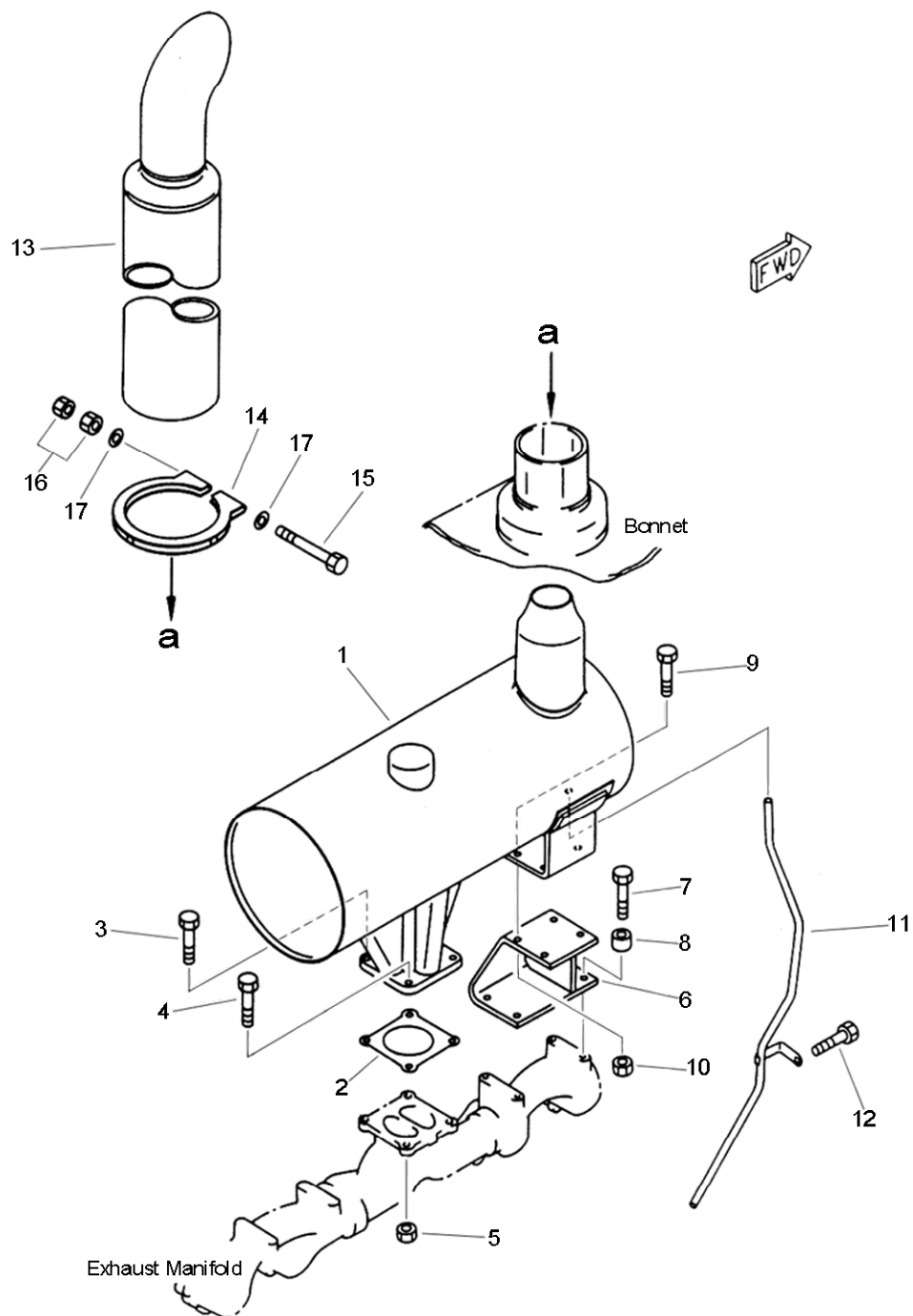
FIG. No. 1510



B6D125-1(BP41 / BD80 NA)

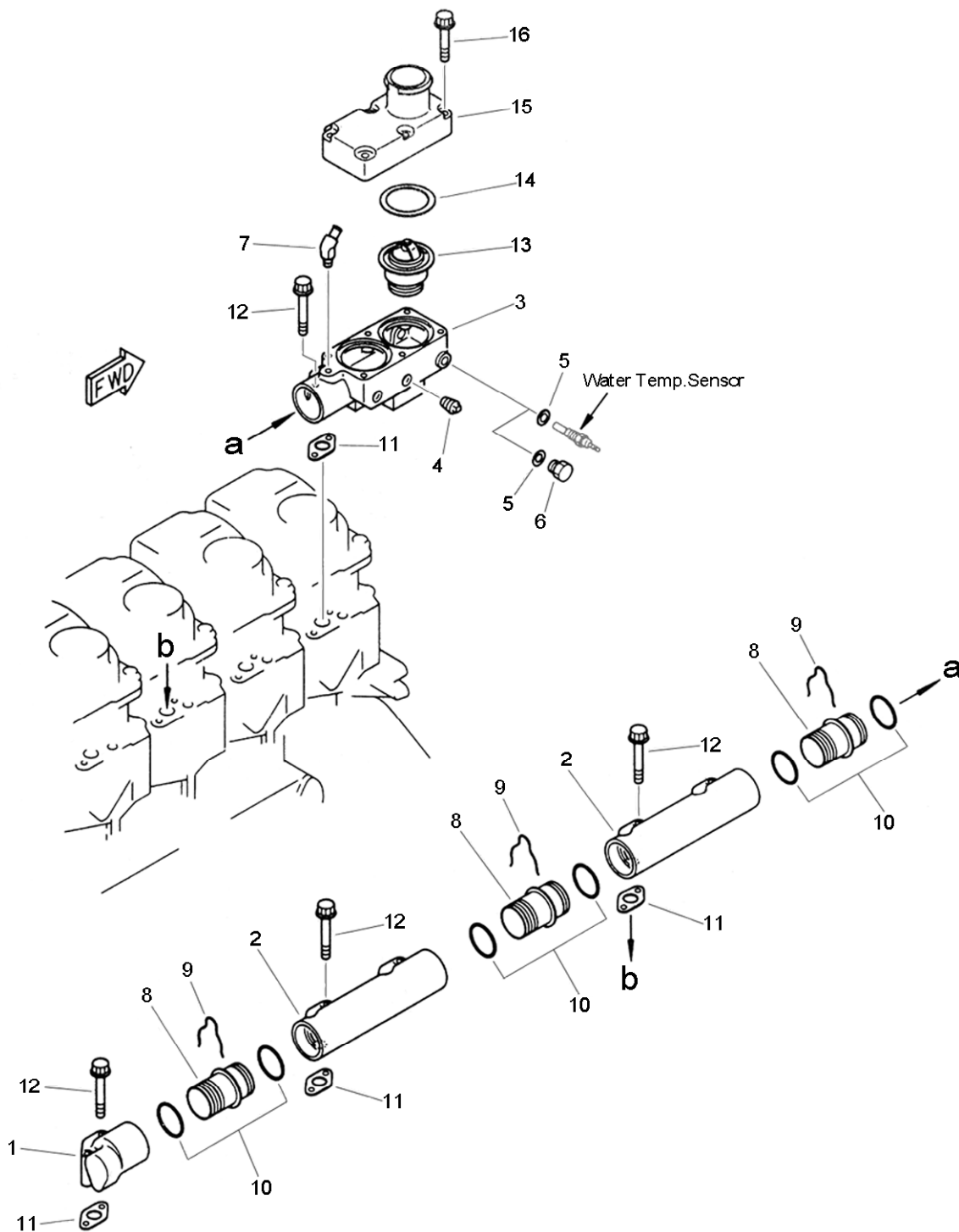
EXHAUST MANIFOLD**FIG. No. 1510**

ITEM	PART NUMBER	NAME OF PART	QTY	ENGINE SL.No.
1	30Z1340098	MANIFOLD,EXHAUST	1	Z302550001-
2	30Z1340162	MANIFOLD,EXHAUST	1	Z302550001-
3	CPL01-10810	PLUG	1	Z302550001-
4	30Z1340105	MANIFOLD,EXHAUST	1	Z302550001-
5	30Z1310046 K1	GASKET	6	Z302550001-
6	01010-E1080	BOLT	18	Z302550001-
7	30Z1310021	SPACER	18	Z302550001-



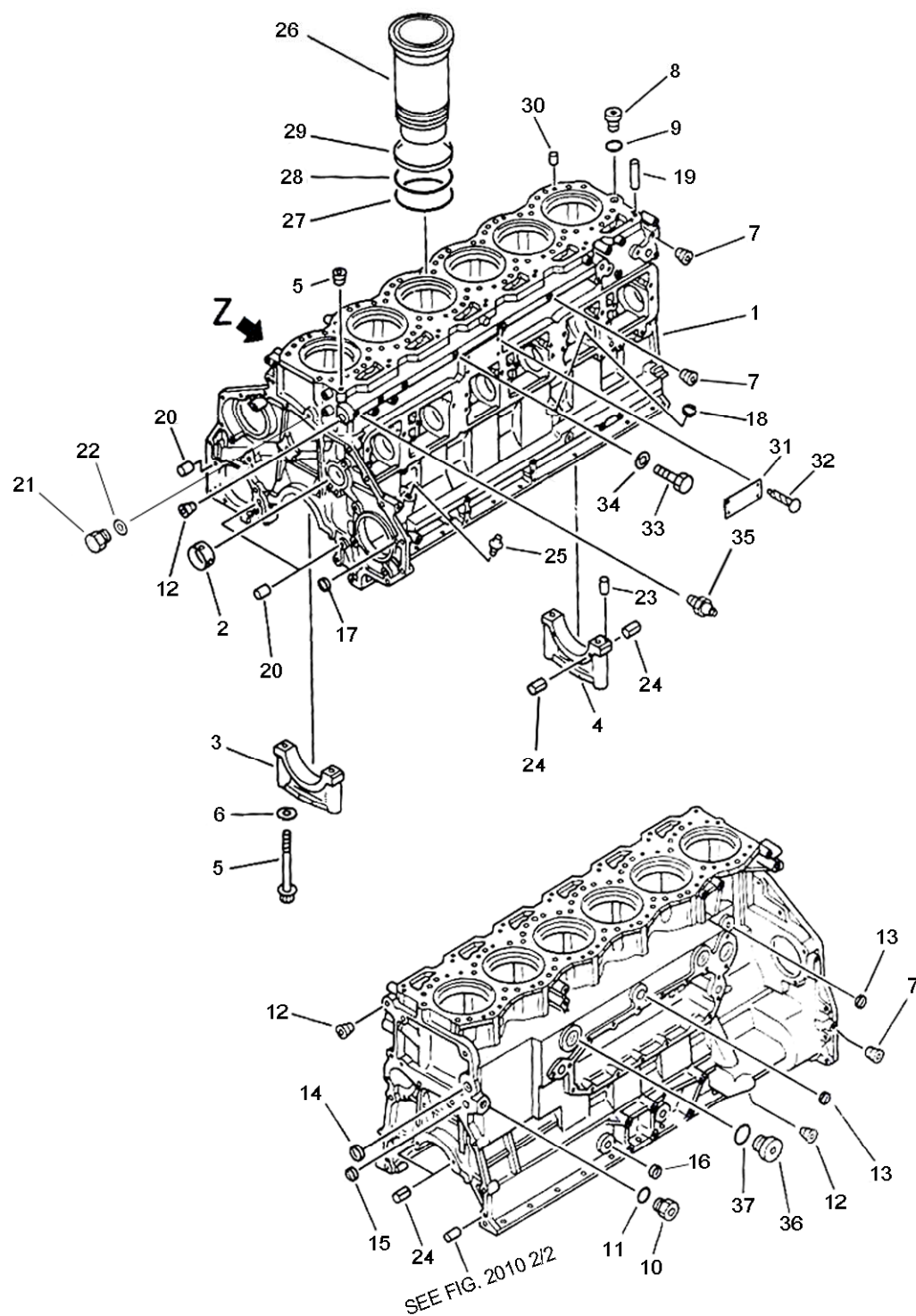
MUFFLER & MOUNTING**FIG. No. 1610**

ITEM	PART NUMBER	NAME OF PART	QTY	ENGINE SL.No.
1	30Z1380185	MUFFLER	1	Z302550001-
2	30Z1310038 K1	GASKET	1	Z302550001-
3	01010-E1030	BOLT	2	Z302550001-
4	CFB17-51045	BOLT	2	Z302550001-
5	30Z1310013	NUT	2	Z302550001-
6	30Z1330078	BRACKET	1	Z302550001-
7	01010-E1040	BOLT	4	Z302550001-
8	30Z1210035	SPACER	4	Z302550001-
9	01010-E1025	BOLT	4	Z302550001-
10	CFN01-21084	NUT	4	Z302550001-
11	30Z1330061	TUBE	1	Z302550001-
12	01010-E1035	BOLT	1	Z302550001-
13	30Z1340057	PIPE,EXHAUST	1	Z302550001-
14	113EX92015	CLAMP	1	Z302550001-
15	113EX11006	BOLT	1	Z302550001-
16	01582-21411	NUT	2	Z302550001-
17	CFW03-11425	WASHER	2	Z302550001-



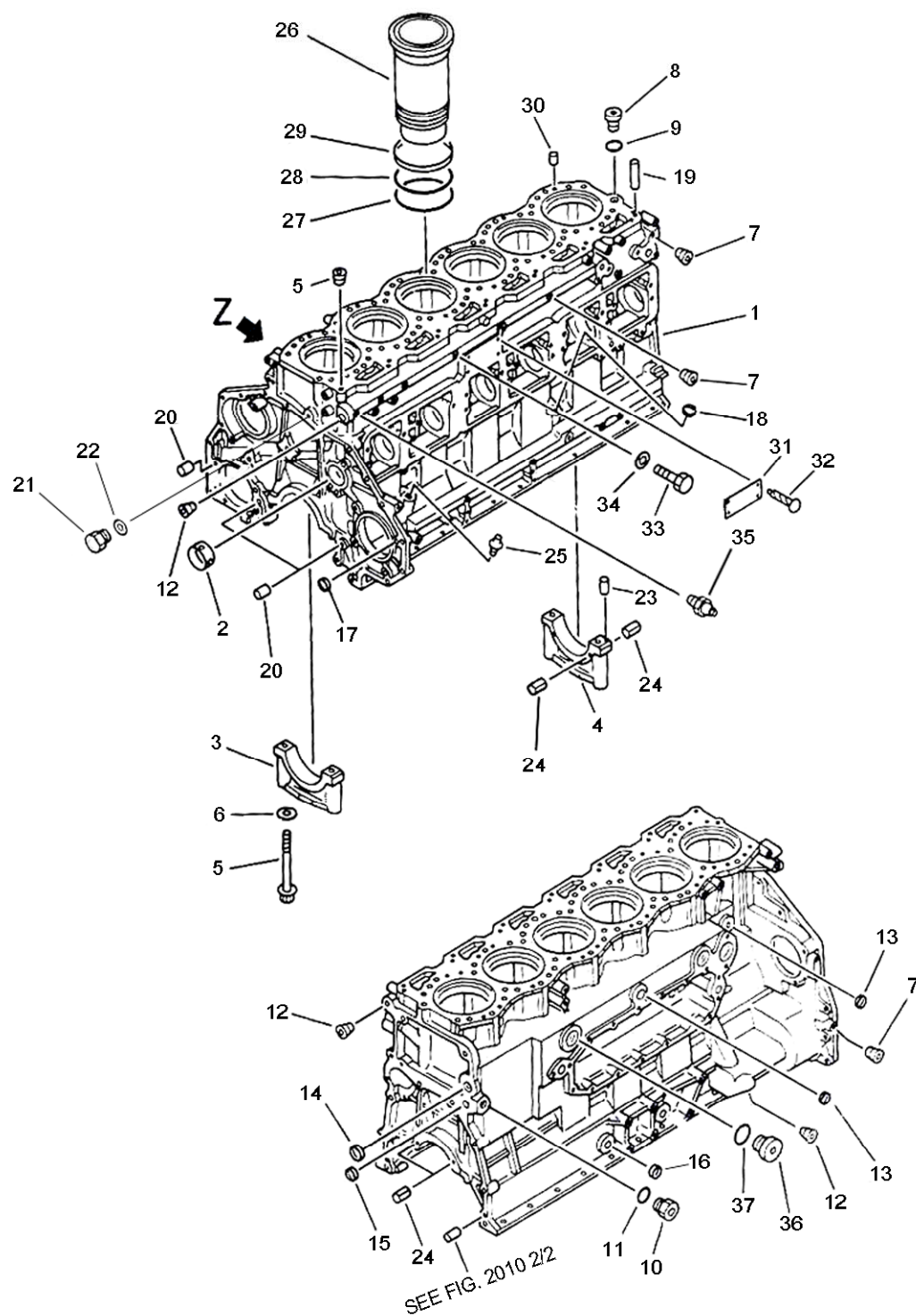
WATER MANIFOLD AND THERMOSTAT**FIG. No. 1710**

ITEM	PART NUMBER	NAME OF PART	QTY	ENGINE SL.No.
1	30Z6140255	MANIFOLD,WATER	1	Z302550001-
2	30Z6140247	MANIFOLD,WATER	2	Z302550001-
3	30Z6140628	HOUSING,THERMOSTAT	1	Z302550001-
4	CPL01-11521	PLUG	1	Z302550001-
5	CPF06-01612 K1	GASKET	1	Z302550001-
6	07020-20810	PLUG	1	Z302550001-
7	30Z6120604	NIPPLE	1	Z302550001-
8	30Z6110041	TUBE	3	Z302550001-
9	30Z6180059	SPRING	3	Z302550001-
10	02893-05043 K1	O-RING	6	Z302550001-
11	30Z6170396 K1	GASKET	6	Z302550001-
12	01437-01065	BOLT	12	Z302550001-
13	30Z6180456	THERMOSTAT	2	Z302550001-
14	30Z6160376 K1	GASKET	2	Z302550001-
15	30Z6140271	COVER,WATER OUTLET	1	Z302550001-
16	01437-01050	BOLT	6	Z302550001-



CYLINDER BLOCK
FIG. No. 2010 1/2

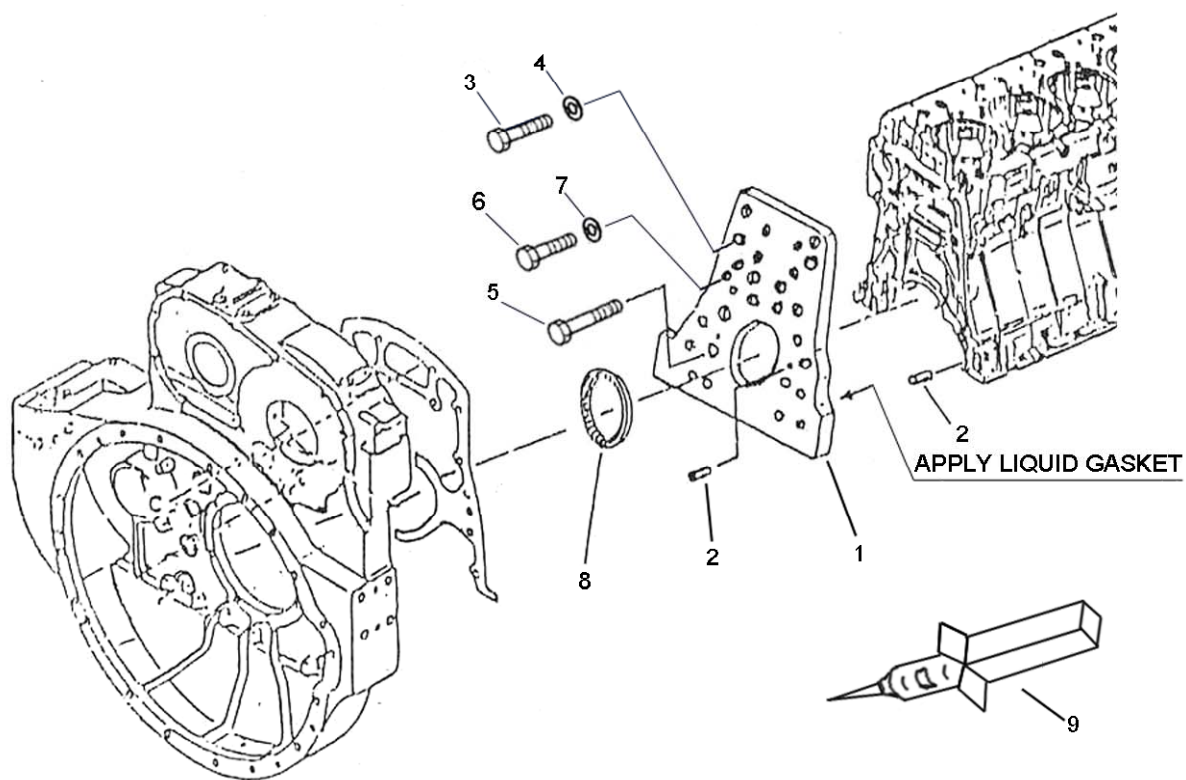
ITEM	PART NUMBER	NAME OF PART	QTY	ENGINE SL.No.
	30Z2100014	CYLINDER BLOCK ASSY.	1	Z302550001-
1	(*30Z2140134)	▪ CYLINDER BLOCK	1	Z302550001-
2	30Z2180351	▪ BUSHING, CAM SHAFT	7	Z302550001-
3	30Z2140248	▪ CAP, MAIN BEARING NO. 1 TO 6	6	Z302550001-
4	30Z2140256	▪ CAP, MAIN BEARING NO. 7	1	Z302550001-
5	30Z2110083	▪ BOLT	14	Z302550001-
6	CFW05-16045	▪ WASHER	14	Z302550001-
7	07043-50108	▪ PLUG	5	Z302550001-
8	07040-12414	▪ PLUG	1	Z302550001-
9	07002-22434 K2	▪ O-RING	1	Z302550001-
10	07040-13016	▪ PLUG	1	Z302550001-
11	07002-23034 K2	▪ O-RING	1	Z302550001-
12	07043-50617	▪ PLUG	3	Z302550001-
13	07046-43016	▪ PLUG	2	Z302550001-
14	07046-44016	▪ PLUG	1	Z302550001-
15	07046-22516	▪ PLUG	1	Z302550001-
16	07046-42816	▪ PLUG	1	Z302550001-
17	07046-21210	▪ PLUG	4	Z302550001-
18	07046-22010	▪ PLUG	1	Z302550001-
19	30Z2110067	▪ TUBE	1	Z302550001-
20	30Z2110156	▪ PIN (RING), DOWEL	3	Z302550001-
21	30Z2110042	▪ PLUG	1	Z302550001-
22	CPF06-01412 K2	▪ GASKET	1	Z302550001-
23	CFP04-00514	▪ DOWEL PIN	2	Z302550001-
24	CFP13-04008	▪ PIN, SPRING	6	Z302550001-
25	30Z2110107	▪ BUSHING	1	Z302550001-
26	31Z2140156	▪ CYLINDER LINER	6	Z302550001-
27	30Z2160296 K2	▪ O-RING, LINER, LOWER	6	Z302550001-
28	30Z2160303 K2	▪ O-RING, LINER, UPPER	6	Z302550001-
29	30Z2160311 K2	▪ SEAL, LINER, CREVICE	6	Z302550001-
30	CFP04-00820	DOWEL PIN	12	Z302550001-
31	31Z2190214	PLATE, NAME	1	Z302550001-
32	04418-02550	SCREW	4	Z302550001-
33	07040-11007	PLUG	2	Z302550001-



CYLINDER BLOCK

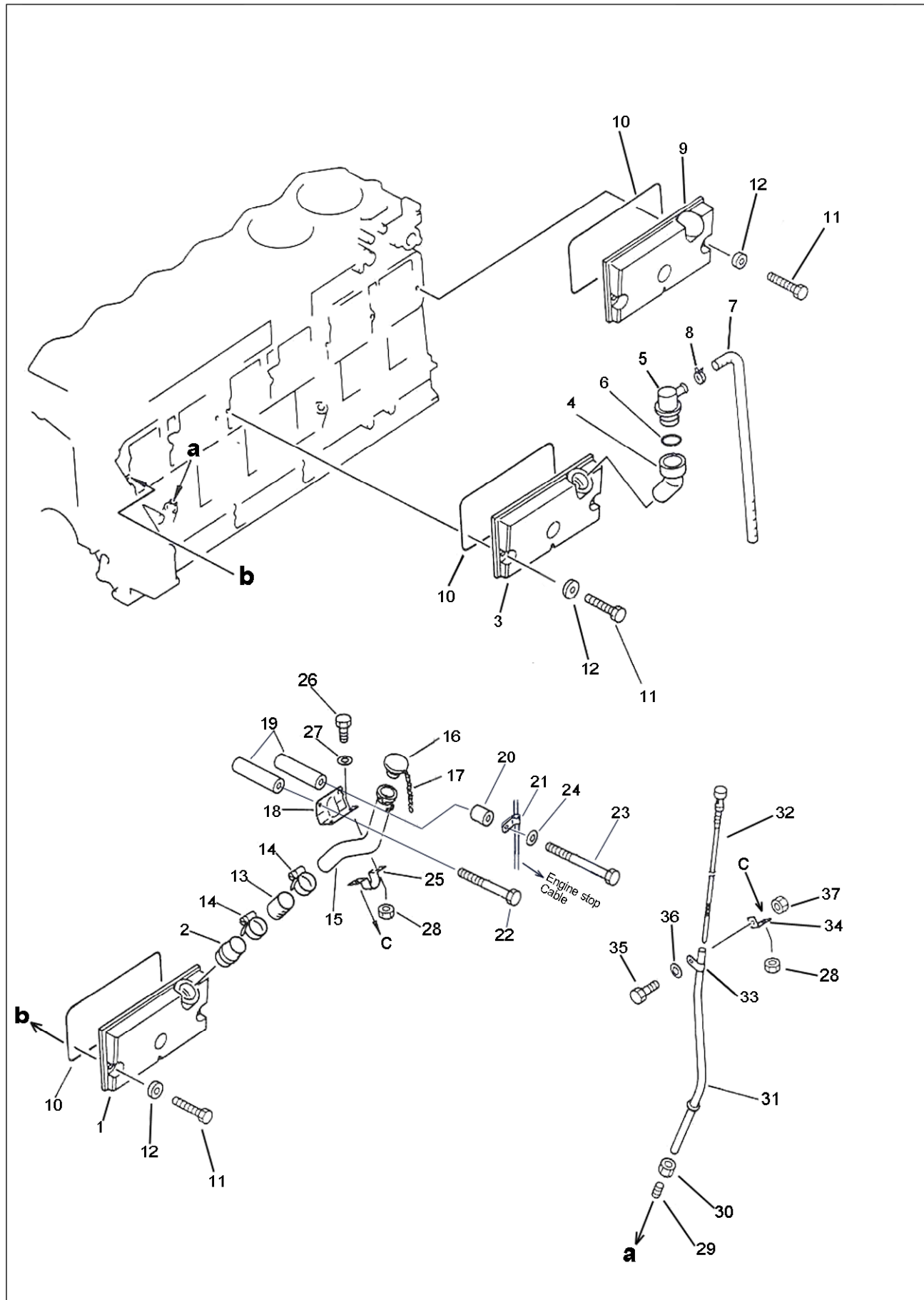
FIG. No. 2010 1/2

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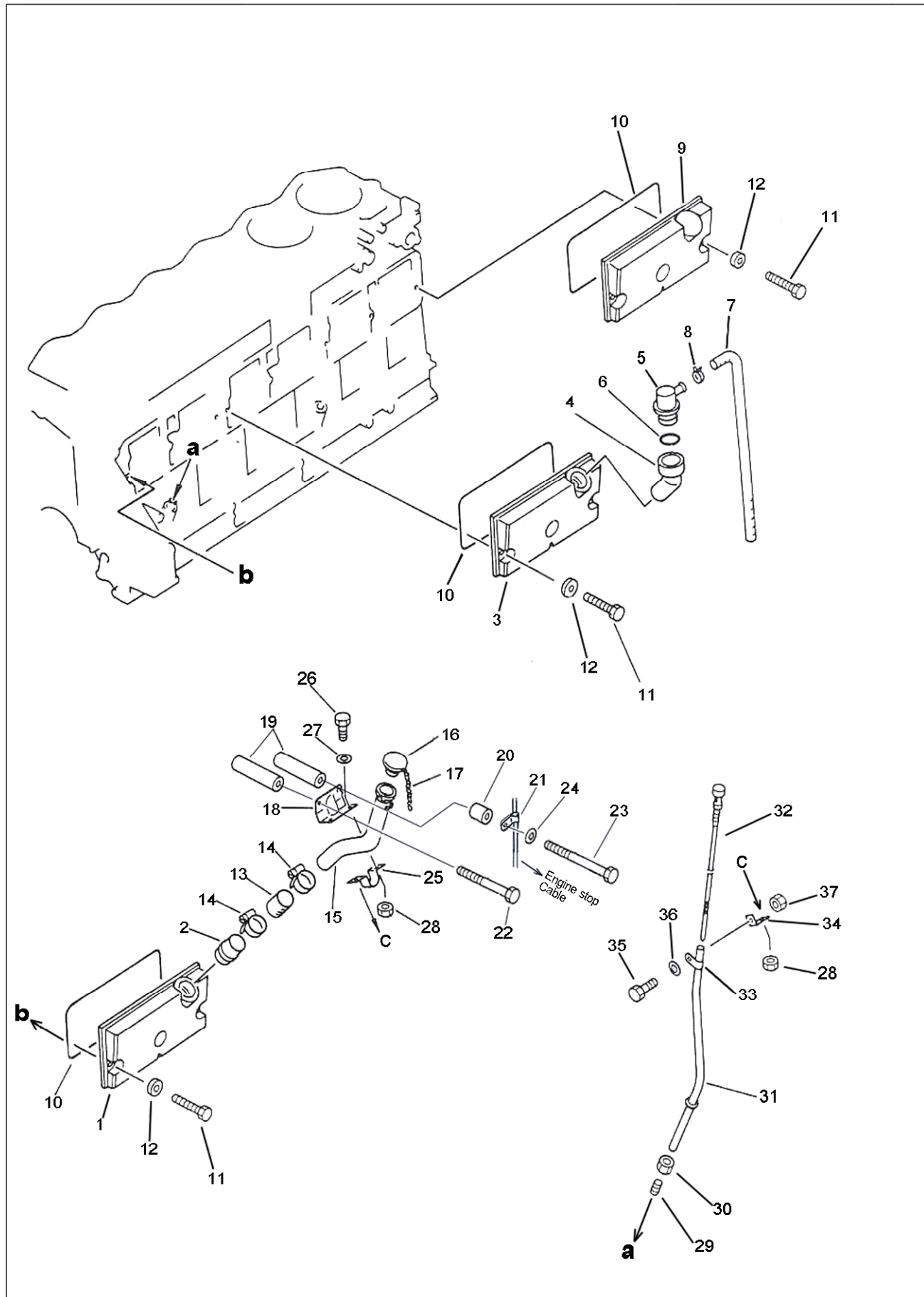
ADAPTOR, CYLINDER BLOCK**FIG. No. 2010 2/2**

ITEM	PART NUMBER	NAME OF PART	QTY	ENGINE SL.No.
1	30Z2110504	ADAPTOR, CYLINDER BLOCK	1	Z302550001-
2	30Z3210111	PIN, DOWEL	4	Z302550001-
3	01252-41640	BOLT	7	Z302550001-
4	CFW01-11648	WASHER, SPRING	7	Z302550001-
5	CFB01-21655	BOLT	2	Z302550001-
6	CFB01-21030	BOLT	2	Z302550001-
7	CFW01-11030	WASHER, SPRING	2	Z302550001-
8	30Z3280842 K2	SEAL, REAR	1	Z302550001-
9	10Z5180559	LIQUID GASKET LG-7, 150G	AR	Z302550001-



COVER ASSEMBLY**FIG. No. 2011**

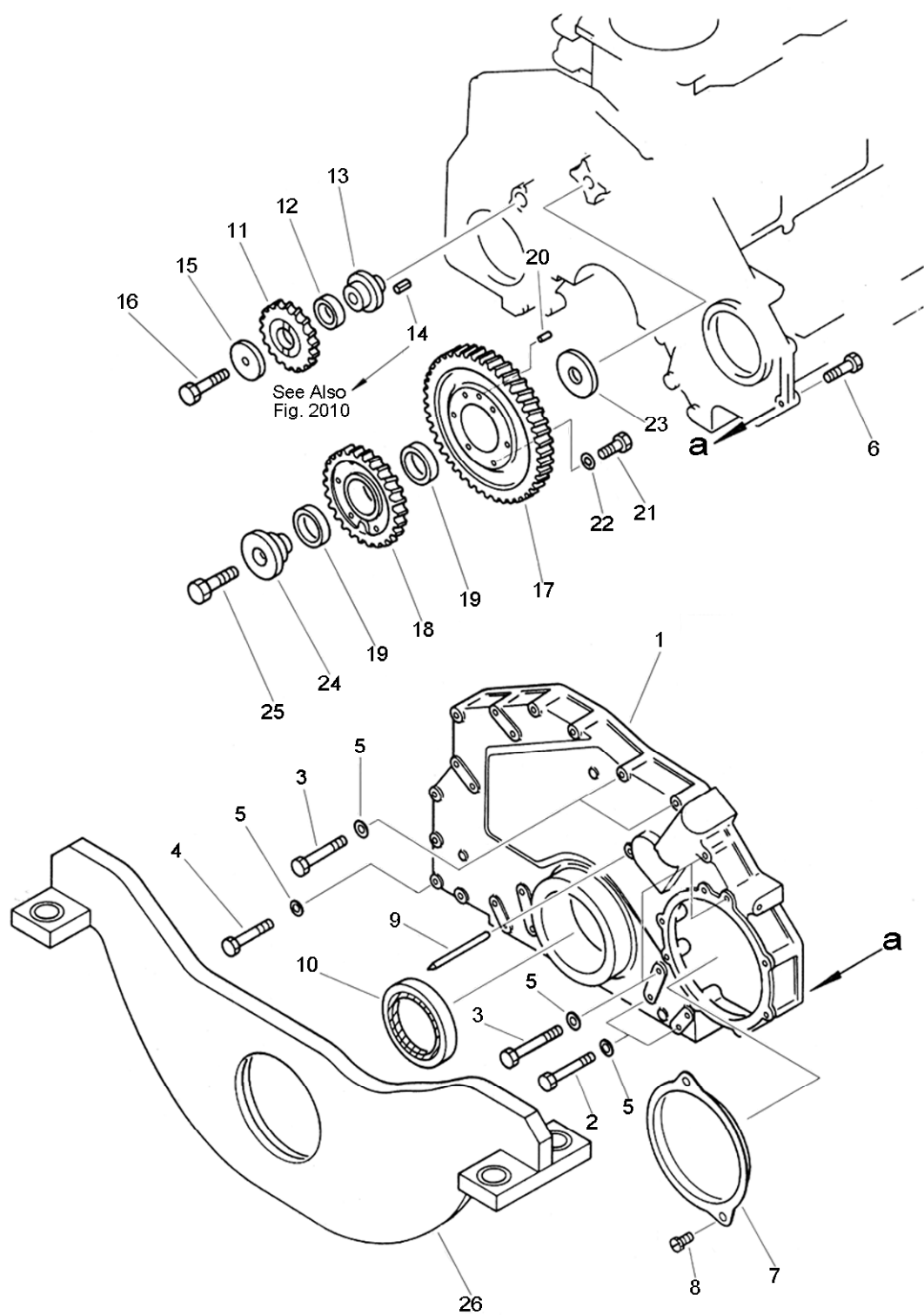
ITEM	PART NUMBER	NAME OF PART	QTY	ENGINE SL.No.
	30Z2100022	COVER ASSY.	1	Z302550001-
1	(*30Z2120192)	▪ COVER	1	Z302550001-
2	30Z2110123	▪ TUBE	1	Z302550001-
3	30Z2100403	COVER ASSY.	1	Z302550001-
	(*30Z2120192)	▪ COVER	1	Z302550001-
4	30Z2120208	▪ CONNECTOR	1	Z302550001-
5	30Z2180392	BREATHER ASSY.	1	Z302550001-
6	30Z2160271 K2	O-RING	1	Z302550001-
7	07286-01963	HOSE	1	Z302550001-
8	07285-00220	CLIP	1	Z302550001-
9	30Z2120184	COVER	1	Z302550001-
10	30Z2160474 K2	GASKET	3	Z302550001-
11	30Z2110164	BOLT	9	Z302550001-
12	30Z2180376 K2	PACKING	9	Z302550001-
13	30Z2180384	HOSE	1	Z302550001-
14	CCCO1-06015	CLAMP	2	Z302550001-
15	30Z2130228	FILLER	1	Z302550001-
16	30Z2180335	CAP ASSY.	1	Z302550001-
17	30Z2190347	CHAIN	1	Z302550001-
18	30Z2110237	BRACKET	1	Z302550001-
19	30Z2110059	SPACER	2	Z302550001-
20	42Z5110225	SPACER (L=30)	1	Z302550001-
21	31Z6190173	CLIP	1	Z302550001-
22	CFB02-21000	BOLT	1	Z302550001-
23	CFB02-21035	BOLT	1	Z302550001-
24	CFW02-11020	WASHER	1	Z302550001-
25	30Z2190144	CLAMP	1	Z302550001-
26	CFB01-21025	BOLT	2	Z302550001-
27	01642-21016	WASHER	2	Z302550001-
28	CFN01-21084	NUT	2	Z302550001-
29	30Z2120176	COLLAR	1	Z302550001-
30	30Z2110115	NUT	1	Z302550001-
31	30Z2130211	GUIDE	1	Z302550001-
32	30Z2180368	GAUGE, LEVEL	1	Z302550001-



COVER ASSEMBLY

FIG. No. 2011

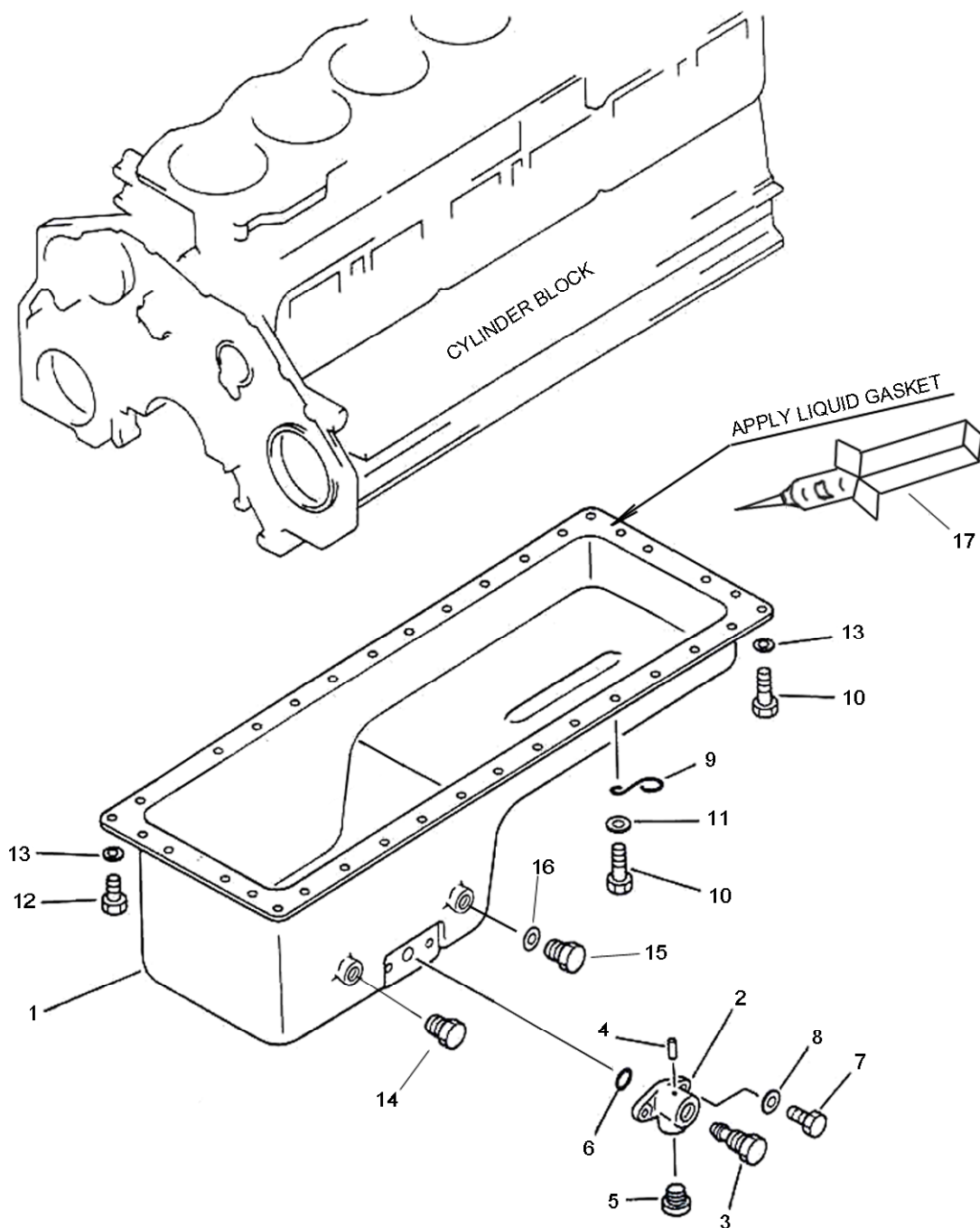
ITEM	PART NUMBER	NAME OF PART	QTY	ENGINE SL.No.
33	30Z2190428	CLIP	1	Z302550001-
34	30Z2110091	BRACKET	1	Z302550001-
35	CFS01-30816	SCREW	1	Z302550001-
36	01642-20810	WASHER	1	Z302550001-
37	CFN01-20868	NUT	1	Z302550001-



FRONT COVER AND SUPPORT

FIG. No. 2050

ITEM	PART NUMBER	NAME OF PART	QTY	ENGINE SL.No.
1	30Z2340131	COVER,FRONT	1	Z302550001-
2	CFB01-21070	BOLT	4	Z302550001-
3	CFB01-21075	BOLT	6	Z302550001-
4	CFB01-21065	BOLT	7	Z302550001-
5	CFW02-11020	WASHER	17	Z302550001-
6	30Z2310112	BOLT	4	Z302550001-
7	30Z2330128	COVER	1	Z302550001-
8	30Z2310097	BOLT	2	Z302550001-
9	30Z3180701	POINTER	1	Z302550001-
10	30Z2380179 K2	SEAL,FRONT	1	Z302550001-
	30Z2300011	GEAR,ASSY.	1	Z302550001-
11	30Z2350143	▪ GEAR	1	Z302550001-
12	30Z2380187	▪ BUSHING	1	Z302550001-
13	30Z2310072	SHAFT	1	Z302550001-
14	CFP13-05012	PIN,SPRING	1	Z302550001-
15	30Z2310089	WASHER	1	Z302550001-
16	CFB07-21460	BOLT	1	Z302550001-
17	30Z2350216	GEAR	1	Z302550001-
	30Z2300222	GEAR ASSY.	1	Z302550001-
18	(*30Z2350232)	▪ GEAR	1	Z302550001-
19	(*30Z2380195)	▪ BUSHING	2	Z302550001-
20	30Z2310031	DOWEL PIN	1	Z302550001-
21	CFB01-21030	BOLT	6	Z302550001-
22	CFW06-10032	WASHER	6	Z302550001-
23	30Z2310056	PLATE	1	Z302550001-
24	30Z2310048	SHAFT	1	Z302550001-
25	30Z2310064	BOLT	1	Z302550001-
26	30Z2330306	SUPPORT, FRONT	1	Z302550001-
27	10Z5180559	LIQUID GASKET LG-7, 150G	AR	Z302550001-



OIL PAN**FIG. No. 2110**

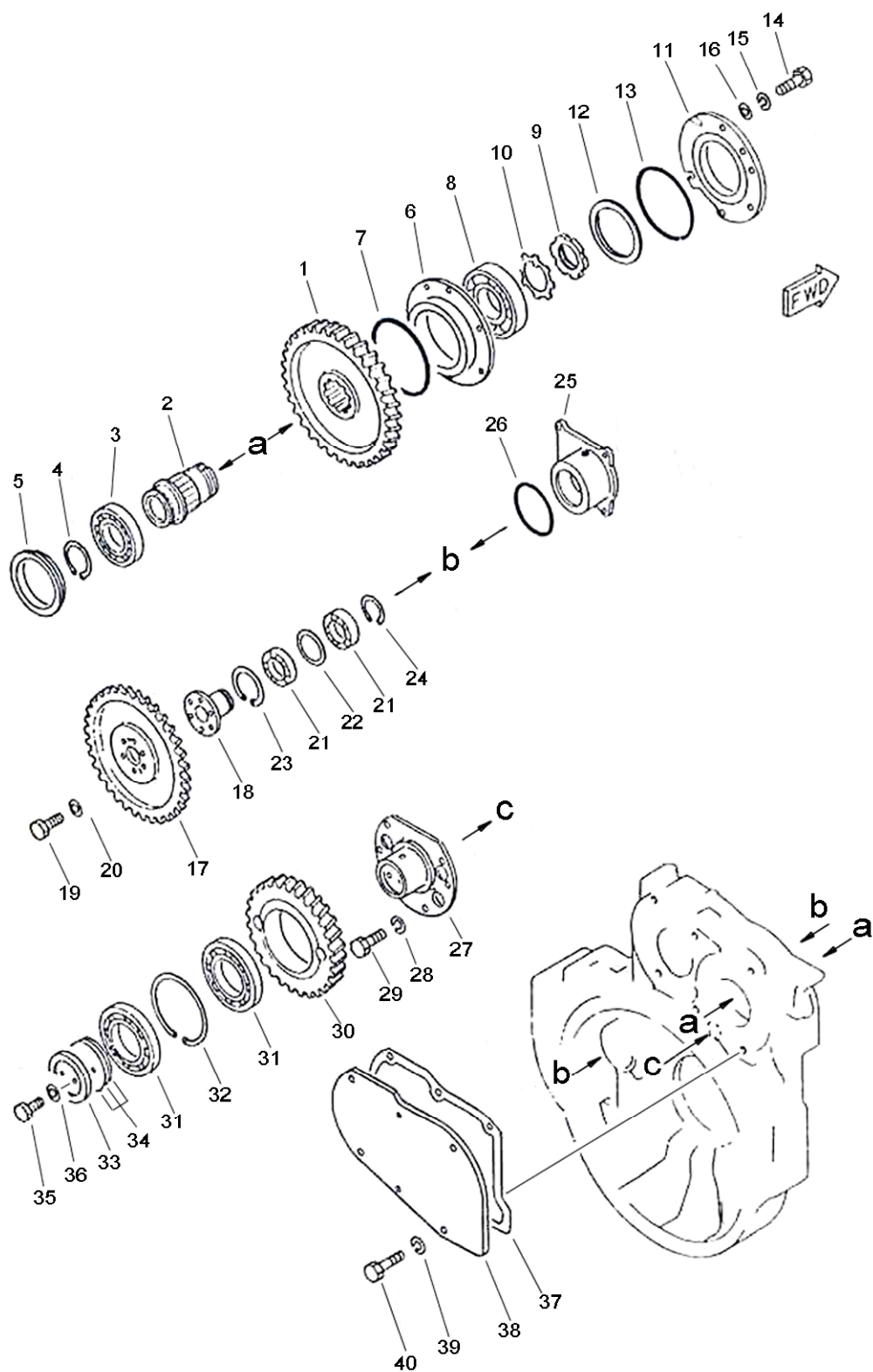
ITEM	PART NUMBER	NAME OF PART	QTY	ENGINE SL.No.
1	30Z5130736	OIL PAN	1	Z302550001-
	30Z5100093	VALVE ASSY.	1	Z302550001-
2	30Z5120287	▪ BODY, VALVE	1	Z302550001-
3	30Z5110234	▪ VALVE	1	Z302550001-
4	CFP04-00514	▪ DOWEL PIN	1	Z302550001-
5	07040-02412	▪ PLUG	1	Z302550001-
6	07000-63028 K2	O-RING	1	Z302550001-
7	CFB01-21025	BOLT	2	Z302550001-
8	CFW02-11020	WASHER	2	Z302550001-
9	30Z2190411	CLIP	1	Z302550001-
10	CFB01-21035	BOLT	7	Z302550001-
11	CFW05-10032	WASHER	1	Z302550001-
12	CFB01-21030	BOLT	29	Z302550001-
13	CFW02-11020	WASHER	35	Z302550001-
14	02720-20810	PLUG	1	Z302550001-
15	07040-11612	PLUG	1	Z302550001-
16	07002-01623 K2	O-RING	1	Z302550001-
17	10Z5180559	LIQUID GASKET LG-7, 150G	AR	Z302550001-

FIG. No. 2210



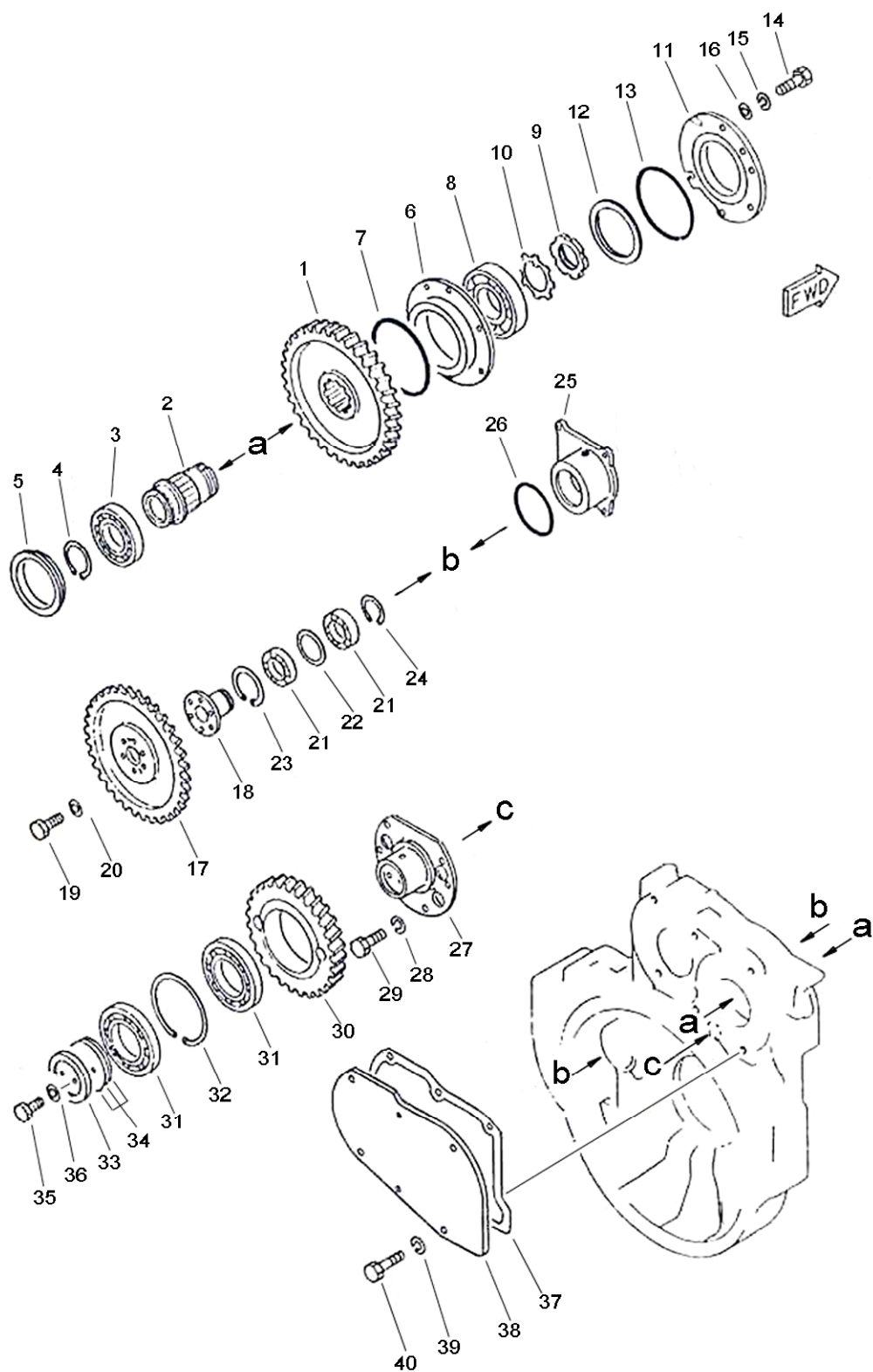
FLYWHEEL & FLY WHEEL HOUSING
FIG. No. 2210

ITEM	PART NUMBER	NAME OF PART	QTY	ENGINE SL.No.
1	(*30Z3240885)	HOUSING, FLY WHEEL	1	Z302550001-
2	CPL01-11521	PLUG	1	Z302550001-
3	07046-12016	PLUG	6	Z302550001-
4	51Z2110308	PLUG	5	Z302550001-
5	07046-15520	PLUG	1	Z302550001-
6	CFP04-01434	DOWEL PIN	4	Z302550001-
7	51Z3210053	BUSH	1	Z302550001-
8	07040-11812	PLUG	1	Z302550001-
9	CPF06-01812 K2	GASKET	1	Z302550001-
10	41Z3280188 K2	GASKET	1	Z302550001-
11	CFB07-21850	BOLT	1	Z302550001-
12	CFB07-21855	BOLT	6	Z302550001-
13	CFB07-21870	BOLT	3	Z302550001-
14	CFB07-21845	BOLT	4	Z302550001-
15	CFW05-18045	WASHER	14	Z302550001-
16	51Z3280419 K2	SEAL,REAR	1	Z302550001-
	30Z3200895	FLY WHEEL ASSY.	1	Z302550001-
17	(30Z3240909)	▪ FLYWHEEL	1	Z302550001-
18	51Z3250376	▪ GEAR RING	1	Z302550001-
19	51Z3210159	▪ DOWEL PIN	1	Z302550001-
20	51Z3250351	GEAR,CRANK	1	Z302550001-
21	CFB01-21260	BOLT	6	Z302550001-
22	CFW05-12032	WASHER	6	Z302550001-
23	41Z3210195	BOLT	6	Z302550001-
24	51Z3110067	WASHER	10	Z302550001-
25	30Z3230921	BRACKET,REAR MOUNTING LH	1	Z302550001-
26	30Z3230938	BRACKET,REAR MOUNTING RH	1	Z302550001-
27	CFB07-21845	BOLT	8	Z302550001-
28	CFW05-18045	WASHER	8	Z302550001-



POWER TAKE OFF**FIG. No. 2211**

ITEM	PART NUMBER	NAME OF PART	QTY	ENGINE SL.No.
1	51Z3250335	GEAR	1	Z302550001-
2	51Z3210045	SHAFT,SPLINE	1	Z302550001-
3	06000-06214	BEARING,ROLLER	1	Z302550001-
4	04066-00070	SNAP RING	1	Z302550001-
5	51Z3240242	DOWEL RING	1	Z302550001-
6	51Z3240267	CASE BEARING	1	Z302550001-
7	CHS01-05165 K3	O-RING	1	Z302550001-
8	06000-06313	BEARING,BALL	1	Z302550001-
9	01530-06214	NUT	1	Z302550001-
10	01658-26223 K3	LOCK	1	Z302550001-
11	51Z3240234	COVER	1	Z302550001-
12	51Z3210037	SPACER	1	Z302550001-
13	CHS01-05150 K3	O-RING	1	Z302550001-
14	CFB01-21030	BOLT	6	Z302550001-
15	CFW01-11030	WASHER,SPRING	6	Z302550001-
16	CFW03-11020	WASHER	2	Z302550001-
17	51Z3250343	GEAR,PUMP DRIVE	1	Z302550001-
18	30Z3210947	SHAFT,SPLINE	1	Z302550001-
19	CFS01-31020	SCREW	6	Z302550001-
20	CFW05-10032	WASHER	6	Z302550001-
21	06000-06010	BEARING,BALL	2	Z302550001-
22	51Z3210126	COLLAR	1	Z302550001-
23	04067-00080	SNAP RING	1	Z302550001-
24	04066-00050	SNAP RING	1	Z302550001-
25	30Z3240958	CASE,BEARING	1	Z302550001-
26	CHS01-03110 K3	O-RING	1	Z302550001-
27	41Z3210121	SHAFT,IDLE	1	Z302550001-
28	CFW01-11236	WASHER,SPRING	6	Z302550001-
29	CFS01-31230	SCREW	6	Z302550001-
30	51Z3250368	GEAR,IDLE	1	Z302550001-
31	06002-30217	BEARING,ROLLER	2	Z302550001-
32	04067-00150	SNAP RING	1	Z302550001-
33	51Z3210101	RETAINER,BEARING	1	Z302550001-

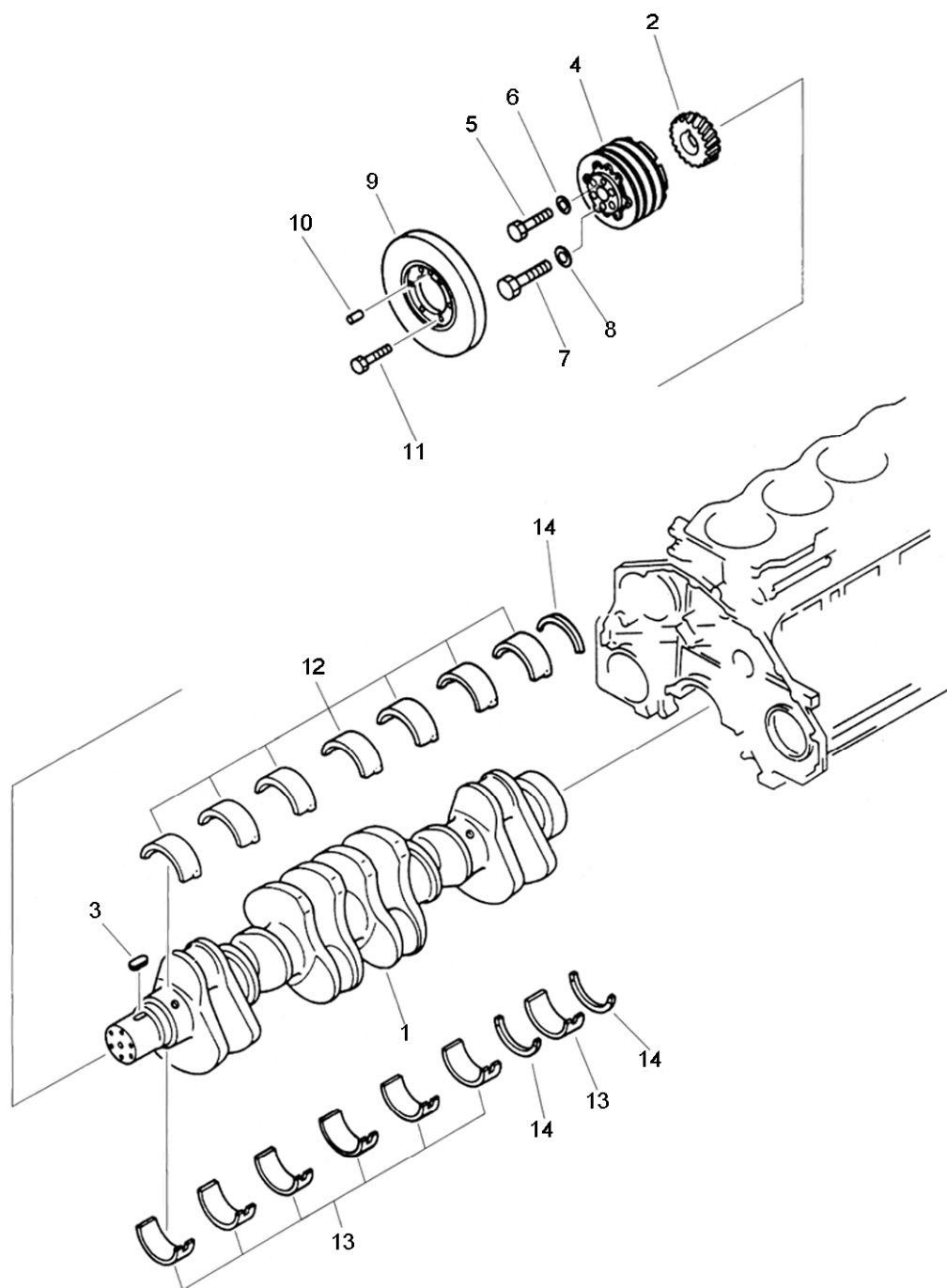


POWER TAKE OFF**FIG. No. 2211**

ITEM	PART NUMBER	NAME OF PART	QTY	ENGINE SL.No.
	51Z3200017	SHIM ASSY.	1	Z302550001-
34	51Z3280484	▪ SHIM	1	Z302550001-
34	51Z3280468	▪ SHIM	4	Z302550001-
34	51Z3280492	▪ SHIM	2	Z302550001-
35	CFS24-31225	BOLT	2	Z302550001-
36	CFW05-12032	WASHER,SPRING	2	Z302550001-
37	51Z3270407 K3	GASKET	1	Z302550001-
38	51Z3210167	COVER	1	Z302550001-
39	CFW01-11236	WASHER,SPRING	6	Z302550001-
40	CFS01-31230	SCREW	6	Z302550001-

CRANKSHAFT AND DAMPER

FIG. No. 2310

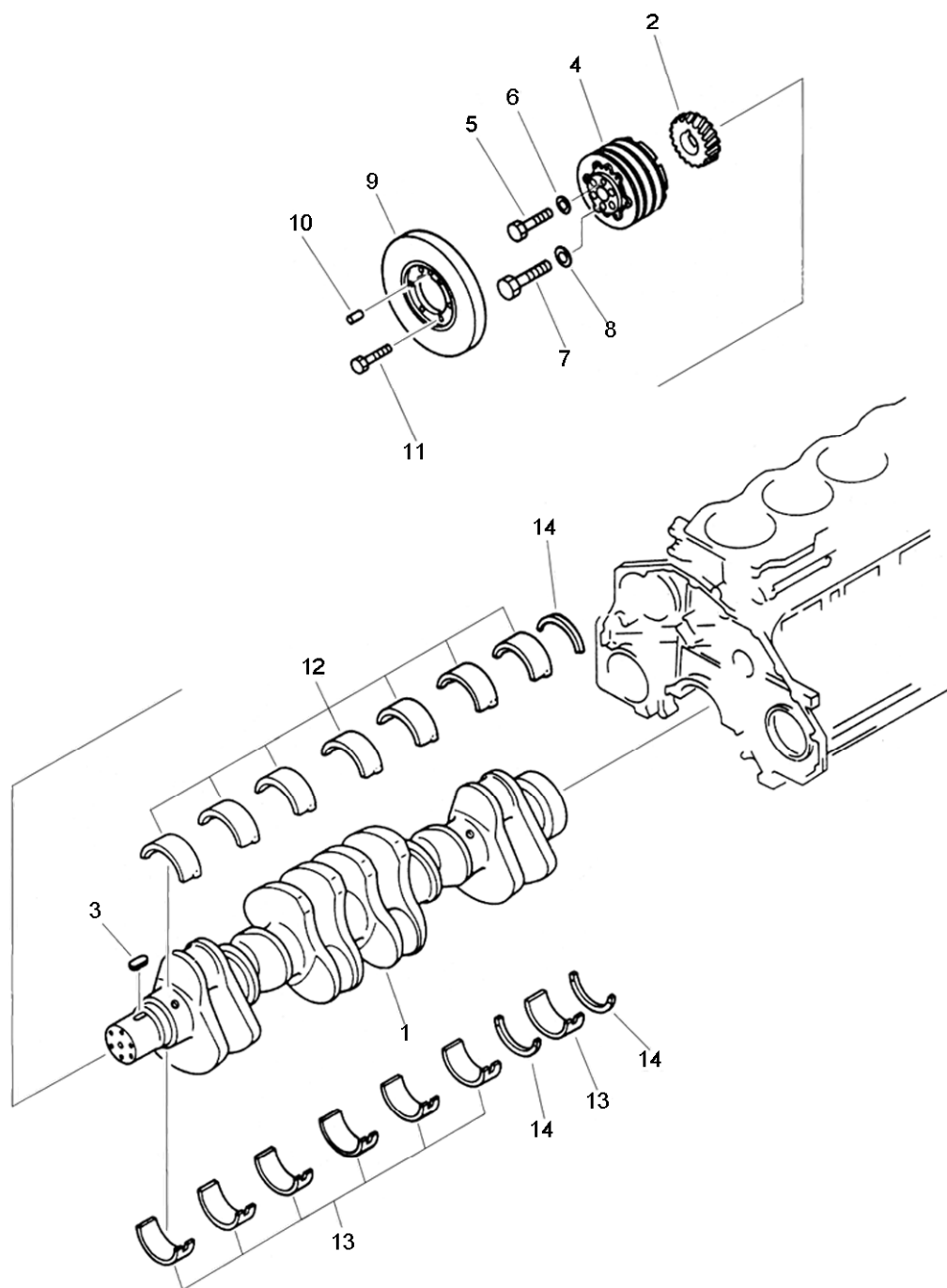


CRANKSHAFT AND DAMPER**FIG. No. 2310**

ITEM	PART NUMBER	NAME OF PART	QTY	ENGINE SL.No.
	30Z3100016	CRANK SHAFT ASSY.	1	Z302550001-
1	(*30Z3150075)	▪ CRANK SHAFT	1	Z302550001-
2	30Z3150083	▪ GEAR, CRANK SHAFT	1	Z302550001-
3	30Z3190227	▪ KEY	1	Z302550001-
4	30Z3140063	PULLEY	1	Z302550001-
5	01051-51430	BOLT	1	Z302550001-
6	30Z3110036	WASHER	1	Z302550001-
7	01051-51635	BOLT	5	Z302550001-
8	30Z3210128	WASHER	5	Z302550001-
9	30Z3180734	DAMPER ASSY.	1	Z302550001-
10	CFP04-01228	DOWEL PIN	1	Z302550001-
11	CFS01-31225	SCREW	6	Z302550001-
	30Z3100243	BEARING,MAIN STD.1 ENG.SET	1	Z302550001-
	30Z3100251	▪ BEARING,MAIN,STD.1 PAIR	7	Z302550001-
12	(*30Z3180118)	.. BEARING,MAIN,UPPER,STD	1	Z302550001-
13	(*30Z3180126)	.. BEARING,MAIN,LOWER,STD	1	Z302550001-
	30Z3100284	▪ BEARING,THRUST,STD,ASSY.	1	Z302550001-
14	(*30Z3180134)	.. MAIN BEARING, THRUST	3	Z302550001-
	30Z3100292	BEARING, MAIN,US 0.25 1 PAIR	7	Z302550001-
12	(*30Z3180304)	▪ BEARING, MAIN,UPPER, U/S 0.25	1	Z302550001-
13	(*30Z3180312)	▪ BEARING, MAIN,LOWER, U/S 0.25	1	Z302550001-
	30Z3100413	BEARING, THRUST,OS 0.25, ASSY	1	Z302550001-
14	(*30Z3180426)	▪ BEARING, THRUST,OS 0.25,	3	Z302550001-
	30Z3100324	BEARING, MAIN,US 0.50, 1 PAIR	7	Z302550001-
12	(*30Z3180337)	▪ BEARING, MAIN,UPPER,U/S 0.50	1	Z302550001-
13	(*30Z3180345)	▪ BEARING, MAIN,LOWER,U/S 0.50	1	Z302550001-
	30Z3100438	BEARING, THRUST,OS 0.50, ASSY	1	Z302550001-
14	(*30Z3180467)	▪ BEARING, THRUST,OS 0.50	3	Z302550001-
	30Z3100357	BEARING, MAIN,US 0.75,1 PAIR	7	Z302550001-
12	(*30Z3180361)	▪ BEARING, MAIN,UPPER, US 0.75	1	Z302550001-
13	(*30Z3180378)	▪ BEARING, MAIN,LOWER,U/S 0.75	1	Z302550001-

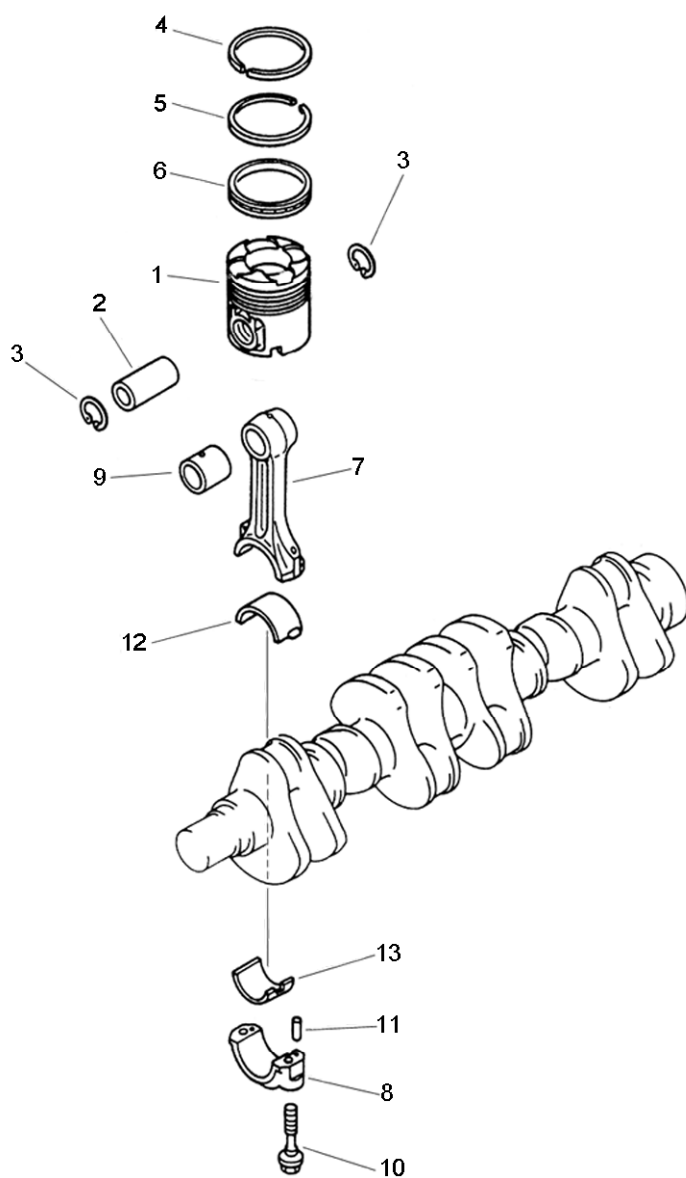
CRANKSHAFT AND DAMPER

FIG. No. 2310



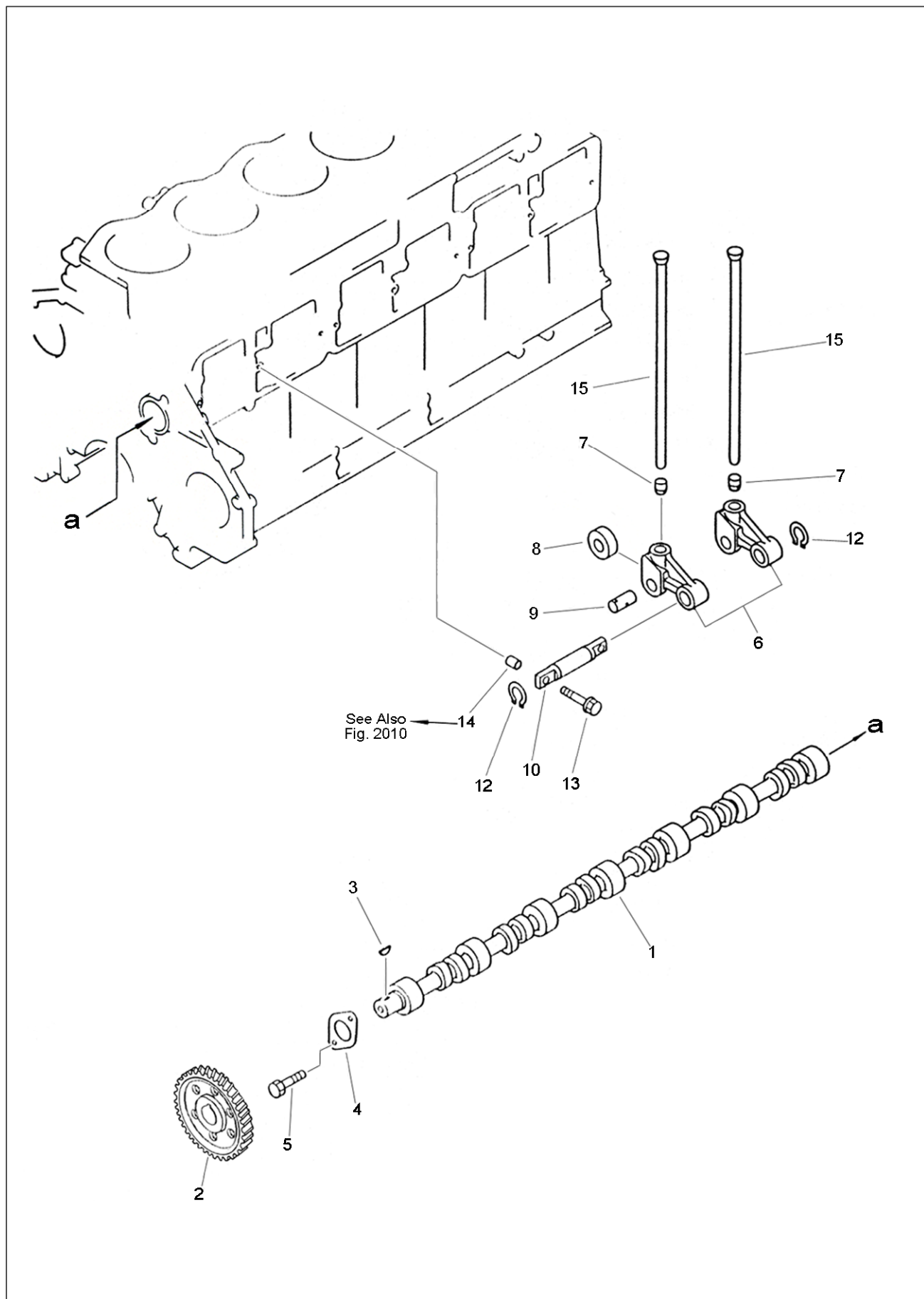
CRANKSHAFT AND DAMPER**FIG. No. 2310**

ITEM	PART NUMBER	NAME OF PART	QTY	ENGINE SL.No.
14	30Z3100454	BEARING, THRUST, OS 0.75, ASSY	1	Z302550001-
	(*30Z3180442)	▪ BEARING, THRUST, OS 0.75	3	Z302550001-
12	30Z3100381	BEARING, MAIN, US 1.00, 1 PAIR	7	Z302550001-
	(*30Z3180394)	▪ BEARING, MAIN, UPPER, U/S 1.00	1	Z302550001-
13	(*30Z3180401)	▪ BEARING, MAIN, LOWER, U/S 1.00	1	Z302550001-
14	30Z3100479	BEARING, THRUST, OS 1.00, ASSY	1	Z302550001-
	(*30Z3180483)	▪ BEARING, THRUST, OS 1.00	3	Z302550001-



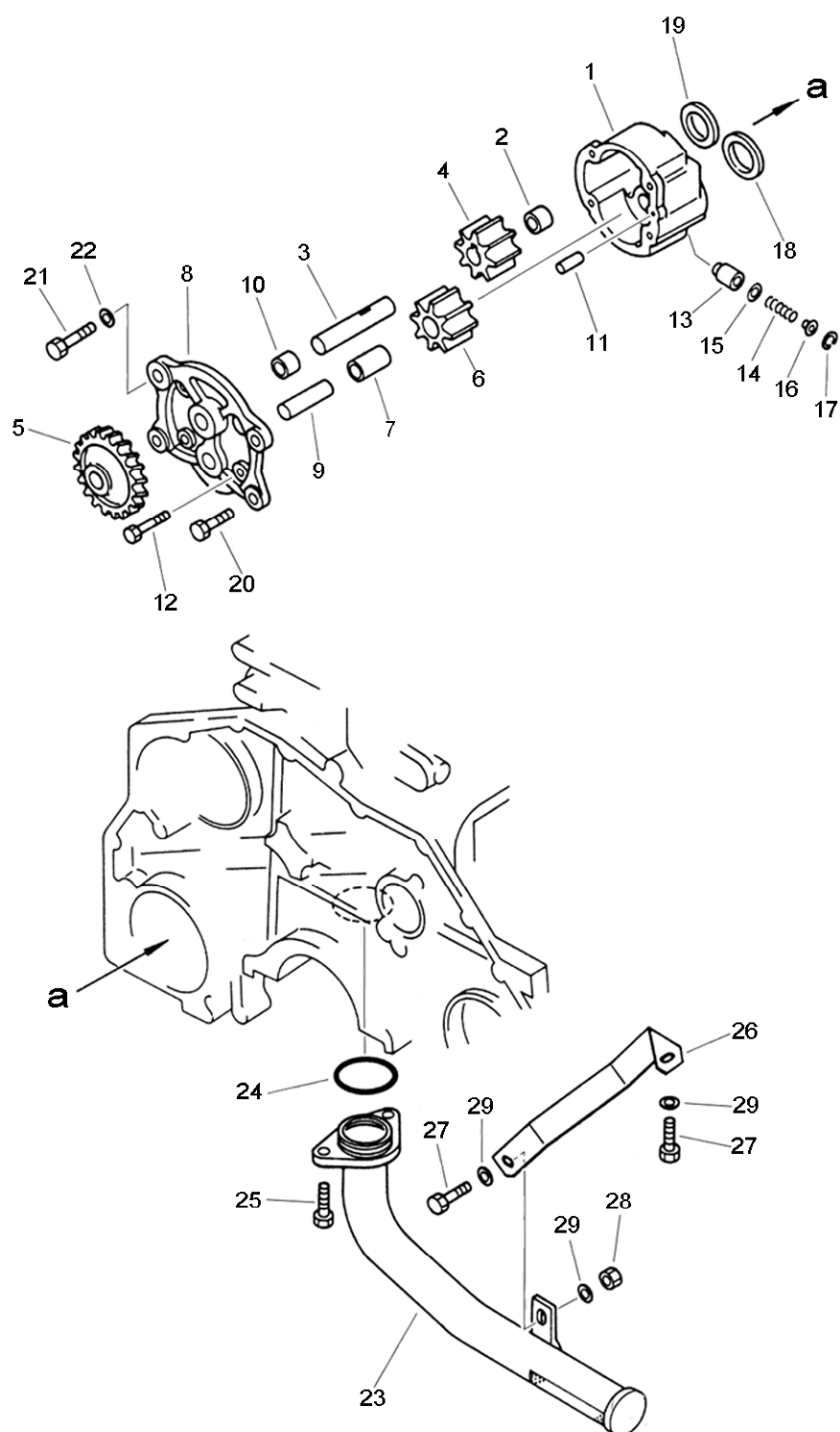
PISTON & CONNECTING ROD
FIG. No. 2350

ITEM	PART NUMBER	NAME OF PART	QTY	ENGINE SL.No.
1	30Z3180142	PISTON	6	Z302550001-
2	30Z3110044	PIN	6	Z302550001-
3	CFL02-14818	SNAP RING	12	Z302550001-
	33Z3100016	PISTON RING ASSY.	6	Z302550001-
4	30Z3180215	▪ RING, PISTON, TOP	1	Z302550001-
5	30Z3180678	▪ RING, PISTON, SECOND	1	Z302550001-
6	30Z3180167	▪ RING, PISTON, OIL	1	Z302550001-
	30Z3100024	CON ROD ASSY.	6	Z302550001-
7	(*30Z3150091)	▪ CON ROD	1	Z302550001-
8	(*30Z3150107)	▪ CAP, CON ROD	1	Z302550001-
9	30Z3180175	▪ BUSHING, CON ROD	1	Z302550001-
10	30Z3110052	▪ BOLT, CON ROD	2	Z302550001-
11	02400-10413	▪ DOWEL PIN	2	Z302550001-
	30Z3100495	BEARING,CRANKPIN,STD(SP),1PR	6	Z302550001-
12	(*30Z3180183)	▪ BEARING,CRANKPIN,UPPER,STD	1	Z302550001-
13	(*30Z3180191)	▪ BEARING,CRANKPIN,LOWER,STD	1	Z302550001-
	30Z3100527	BEARING,CRANKPIN,US 0.25,PAIR	6	Z302550001-
12	(*30Z3180531)	▪ BEARING,CRANKPIN,UPPER US 0.25	1	Z302550001-
13	(*30Z3180548)	▪ BEARING,CRANKPIN,LOWER,US 0.25	1	Z302550001-
	30Z3100551	BEARING,CRANKPIN,US 0.50,PAIR	6	Z302550001-
12	(*30Z3180564)	▪ BEARING,CRANKPIN,UPPER,US 0.50	1	Z302550001-
13	(*30Z3180572)	▪ BEARING,CRANKPIN,LOWER,US 0.50	1	Z302550001-
	30Z3100584	BEARING,CRANKPIN,US 0.75,PAIR	6	Z302550001-
12	(*30Z3180597)	▪ BEARING,CRANKPIN,UPPER,US 0.75	1	Z302550001-
13	(*30Z3180604)	▪ BEARING,CRANKPIN,LOWER,US 0.75	1	Z302550001-
	30Z3100616	BEARING,CRANKPIN,US 1.00,PAIR	6	Z302550001-
12	(*30Z3180629)	▪ BEARING,CRANKPIN,UPPER,US 1.00	1	Z302550001-
13	(*30Z3180637)	▪ BEARING,CRANKPIN,LOWER,US 1.00	1	Z302550001-



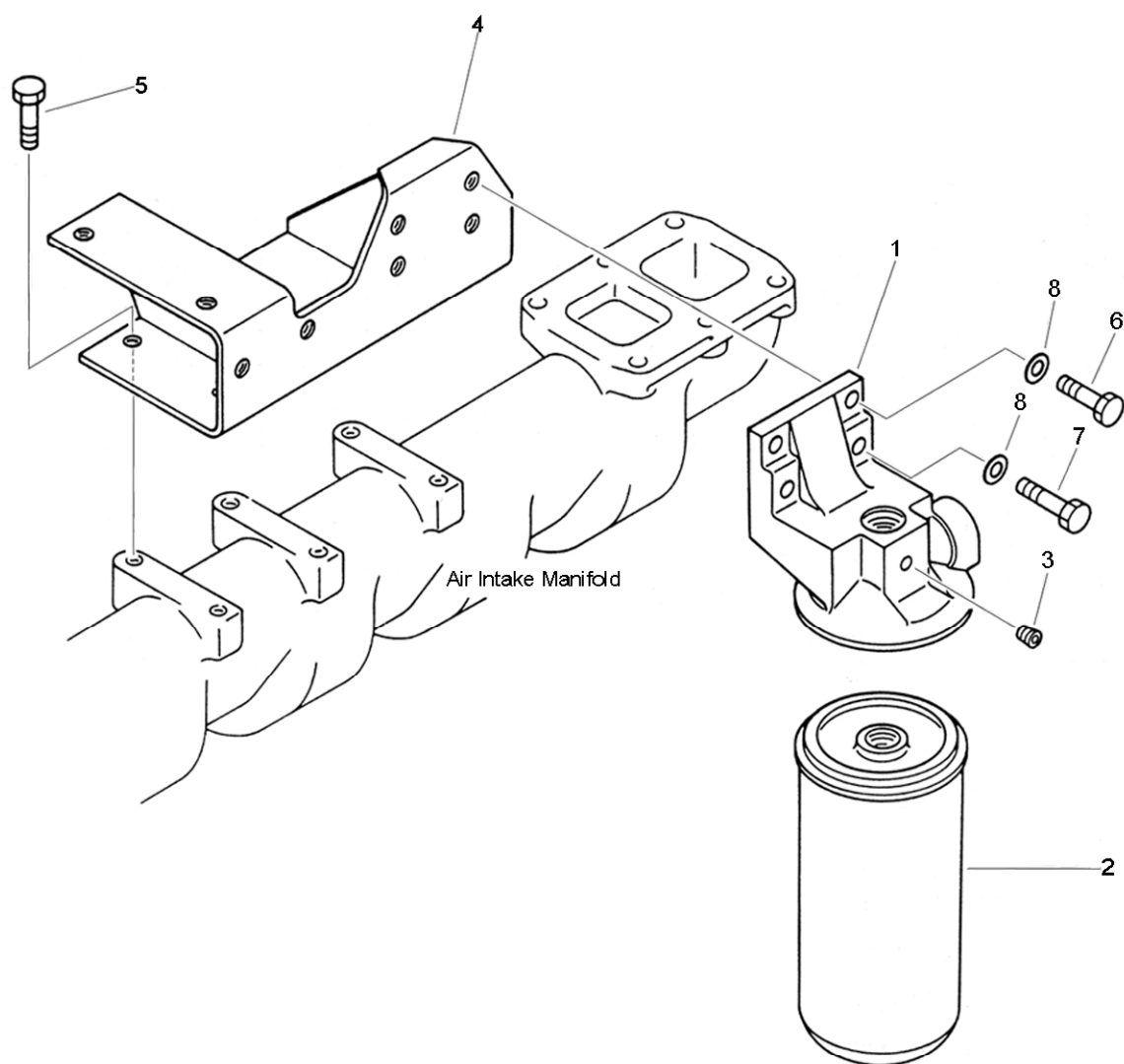
CAM SHAFT AND TAPPET
FIG. No. 2410

ITEM	PART NUMBER	NAME OF PART	QTY	ENGINE SL.No.
	30Z4100018	CAM SHAFT ASSY.	1	Z302550001-
1	(*30Z4110305)	▪ CAM SHAFT	1	Z302550001-
2	30Z4150271	▪ GEAR, CAM SHAFT	1	Z302550001-
3	04010-00725	▪ KEY	1	Z302550001-
4	30Z4110102	▪ PLATE, THRUST	1	Z302550001-
5	CFS01-31022	SCREW	2	Z302550001-
	30Z4100026	LEVER ASSY. SET	6	Z302550001-
	30Z4100034	▪ LEVER ASSY. SET	2	Z302550001-
6	30Z4140268	.. LEVER	1	Z302550001-
7	30Z4110119	.. SOCKET	1	Z302550001-
8	30Z4110127	.. ROLLER	1	Z302550001-
9	30Z4120358	.. PIN	1	Z302550001-
	30Z4100042	▪ SHAFT ASSY.	1	Z302550001-
10	30Z4110143	.. SHAFT	1	Z302550001-
11	30Z4190318	.. BALL	1	Z302550001-
12	CFL01-12012	▪ SNAP RING	2	Z302550001-
13	30Z4110135	BOLT	12	Z302550001-
14	30Z2110156	PIN	12	Z302550001-
15	30Z4110151	PUSH ROD	12	Z302550001-



LUBRICATING OIL PUMP & SUCTION PIPE
FIG. No. 3010

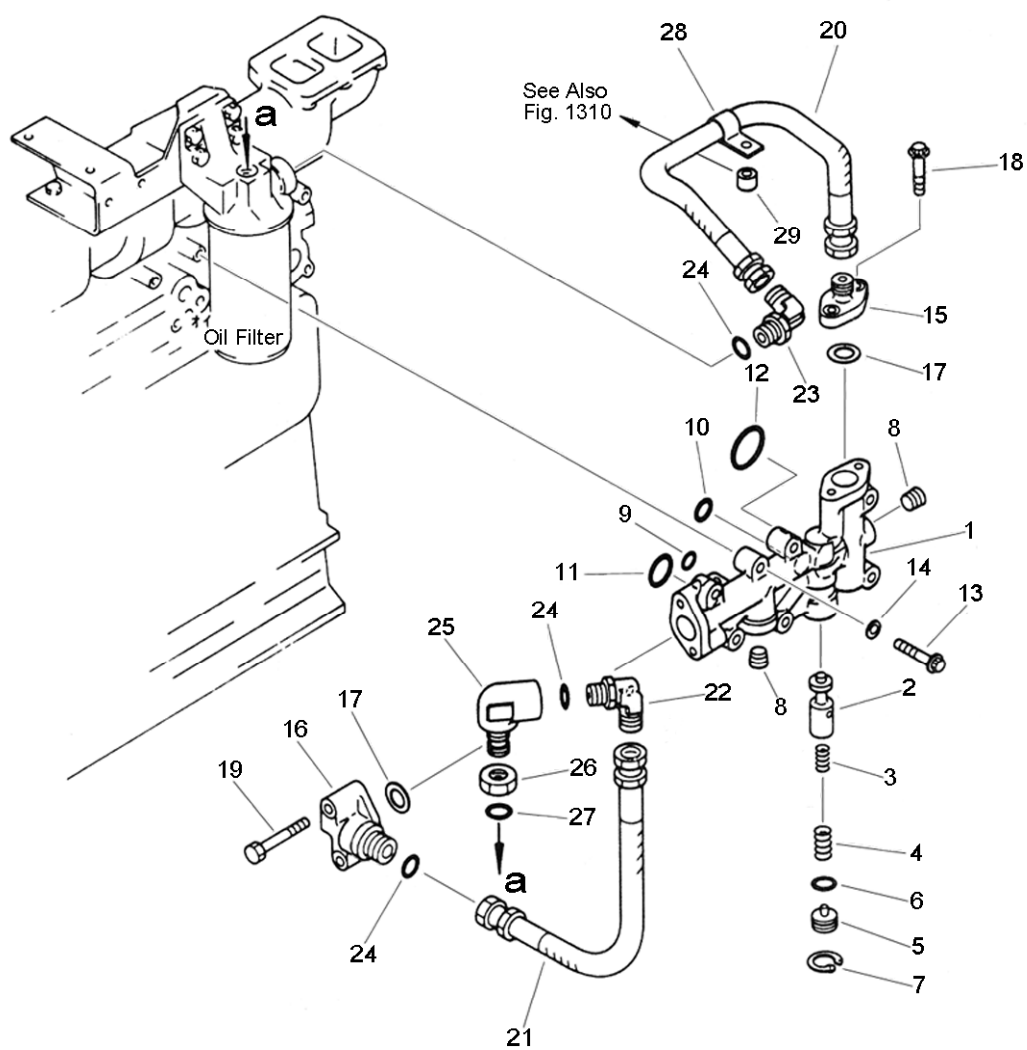
ITEM	PART NUMBER	NAME OF PART	QTY	ENGINE SL.No.
	30Z5100028	OIL PUMP ASSY.	1	Z302550001-
	30Z5100044	. BODY ASSY., OIL PUMP	1	Z302550001-
1	(*30Z5140342)	.. BODY, OIL PUMP	1	Z302550001-
2	30Z5180502	.. BUSHING	1	Z302550001-
	30Z5100069	. SHAFT ASSY., OIL PUMP	1	Z302550001-
3	30Z5110145	.. SHAFT, OIL PUMP	1	Z302550001-
4	30Z5180543	.. GEAR, OIL PUMP	1	Z302550001-
5	30Z5150395	. GEAR, OIL PUMP	1	Z302550001-
	30Z5100052	. GEAR ASSY., OIL PUMP	1	Z302550001-
6	30Z5180535	.. GEAR, DRIVEN, OIL PUMP	1	Z302550001-
7	30Z5180519	.. BUSHING, OIL PUMP BODY	1	Z302550001-
	30Z5100036	. COVER ASSY., OIL PUMP	1	Z302550001-
8	(*30Z5140334)	.. COVER, OIL PUMP	1	Z302550001-
9	30Z5110153	.. SHAFT, DRIVEN, OIL PUMP	1	Z302550001-
10	30Z5180502	.. BUSHING	1	Z302550001-
11	30Z5110112	. PIN	1	Z302550001-
12	CFS01-30825	. SCREW	4	Z302550001-
13	30Z5110129	. VALVE, OIL PUMP	1	Z302550001-
14	30Z5110137	. SPRING, OIL PUMP	1	Z302550001-
15	30Z5190611	. SHIM, OIL PUMP	1	Z302550001-
16	30Z5150402	. RETAINER, OIL PUMP	1	Z302550001-
17	CFL02-11610	. RING, SNAP	1	Z302550001-
18	30Z5160422 K2	RING	1	Z302550001-
19	30Z5160439 K2	GASKET	1	Z302550001-
20	CFB01-21025	BOLT	3	Z302550001-
21	CFB01-21035	BOLT	1	Z302550001-
22	CFW05-10032	WASHER	1	Z302550001-
23	30Z5130314	STRAINER	1	Z302550001-
24	07000-63045 K2	O-RING	1	Z302550001-
25	CFB01-21025	BOLT	2	Z302550001-
26	30Z5130322	BRACKET	1	Z302550001-
27	CFS01-31020	SCREW	2	Z302550001-
28	CFN01-21084	NUT	1	Z302550001-
29	CFW02-11020	WASHER	3	Z302550001-



LUBRICATING OIL FILTER

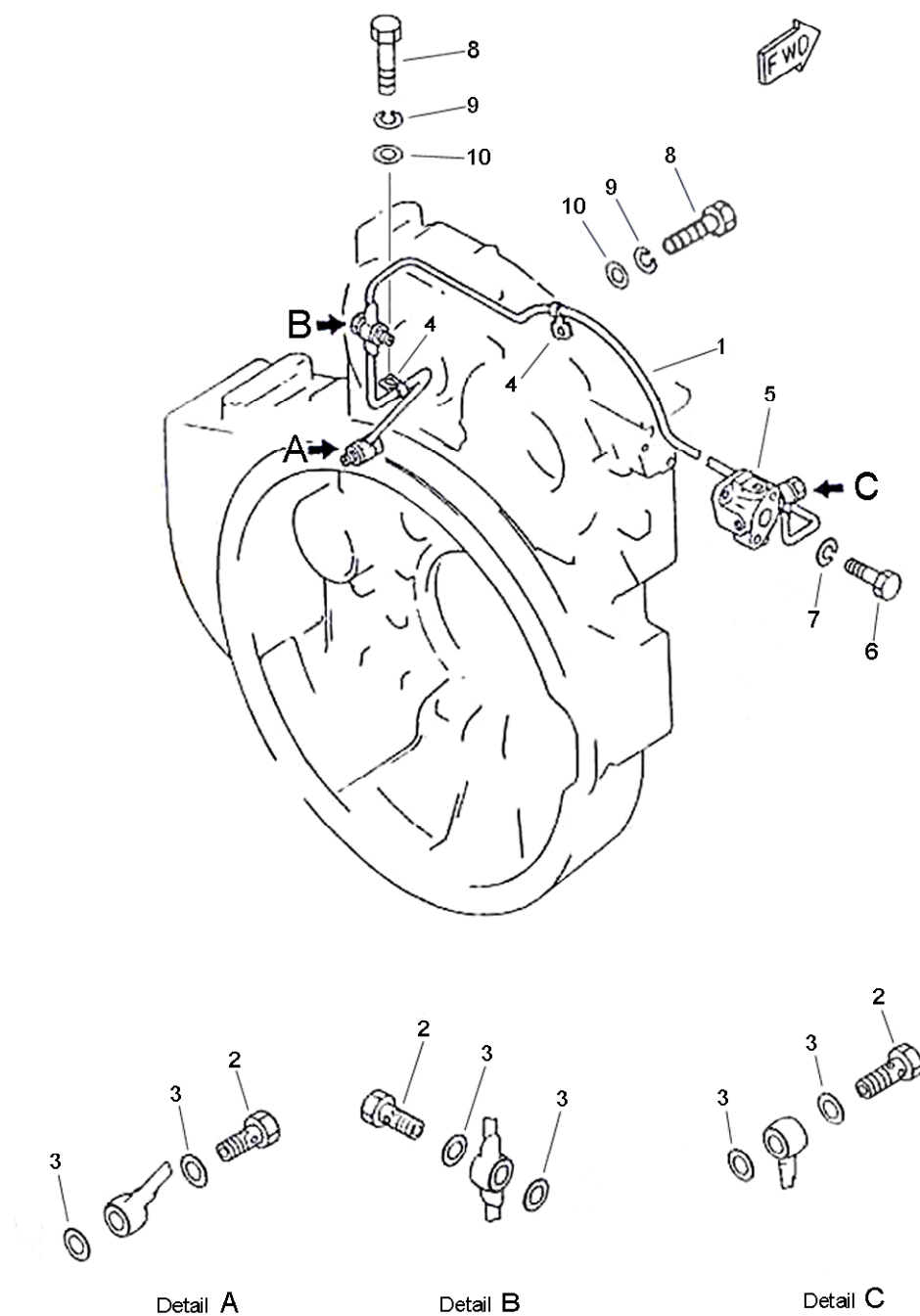
FIG. No. 3110

ITEM	PART NUMBER	NAME OF PART	QTY	ENGINE SL.No.
	30Z5100077	FILTER,OIL, ASSY.	1	Z302550001-
1	30Z5120246	▪ BRACKET	1	Z302550001-
2	30Z5180495 KS	▪ CARTRIDGE	1	Z302550001-
3	CPL01-10810	PLUG	1	Z302550001-
4	30Z5130306	BRACKET	1	Z302550001-
5	CFB01-21025	BOLT	6	Z302550001-
6	CFB01-21030	BOLT	2	Z302550001-
7	CFB01-21040	BOLT	2	Z302550001-
8	CFW02-11020	WASHER	4	Z302550001-



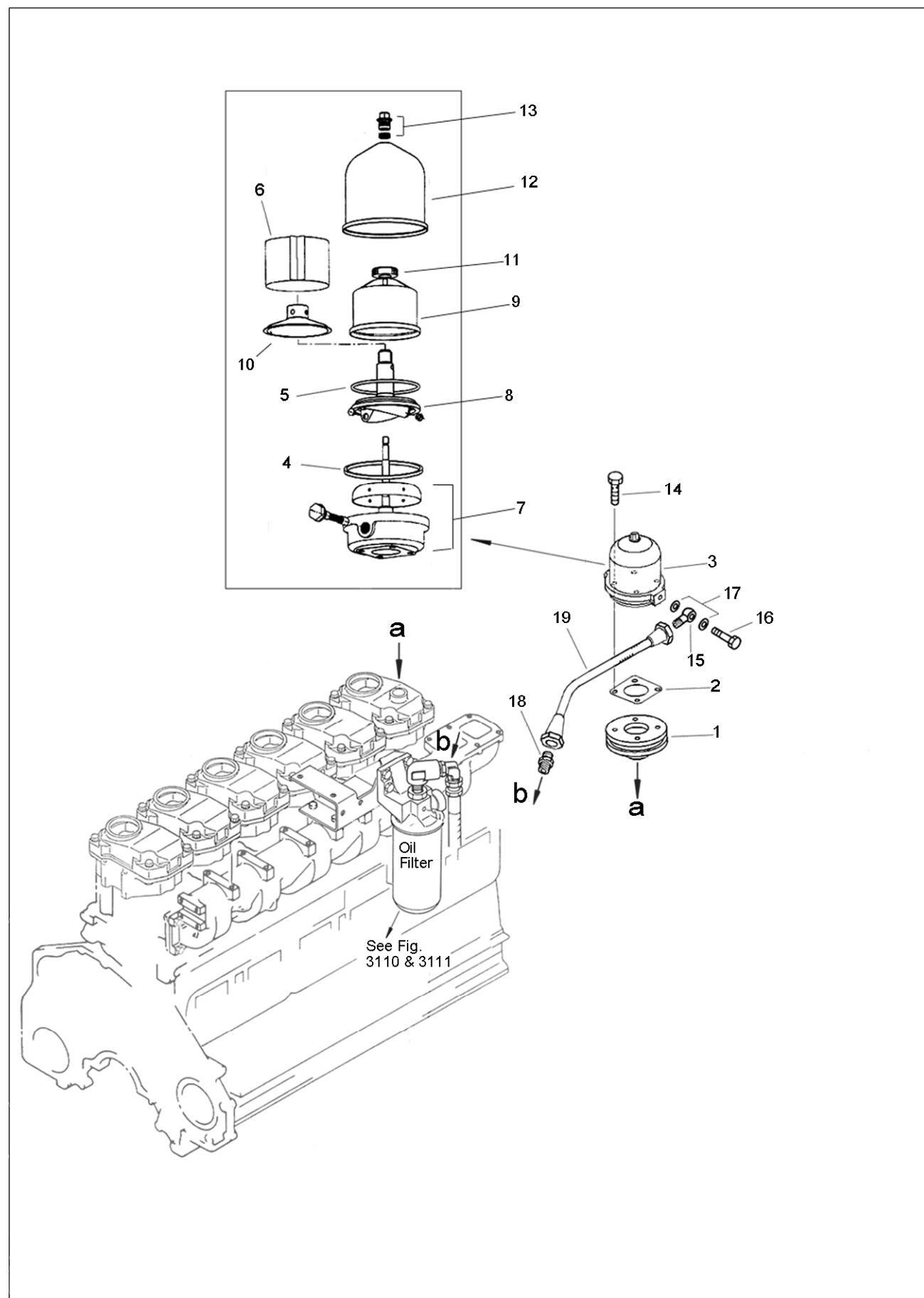
LUBRICATING OIL PIPING
FIG. No. 3111

ITEM	PART NUMBER	NAME OF PART	QTY	ENGINE SL.No.
	31Z5100074	ADAPTER ASSY.	1	Z302550001-
1	30Z5120643	▪ BODY, ADAPTER	1	Z302550001-
2	30Z5110178	▪ VALVE, ADAPTER	1	Z302550001-
3	30Z5110226	▪ SPRING, INNER, ADAPTER	1	Z302550001-
4	30Z5110218	▪ SPRING, OUTER, ADAPTER	1	Z302550001-
5	30Z5110186	▪ PLUG	1	Z302550001-
6	07000-62020 K2	▪ O-RING	1	Z302550001-
7	CFL02-12412	▪ SNAP RING	1	Z302550001-
8	CPL02-11217	▪ PLUG	2	Z302550001-
9	07000-62015 K2	O-RING	1	Z302550001-
10	07000-62020 K2	O-RING	1	Z302550001-
11	07000-63028 K2	O-RING	1	Z302550001-
12	07000-63035 K2	O-RING	1	Z302550001-
13	30Z4110224	BOLT	7	Z302550001-
14	CFW02-11020	WASHER	7	Z302550001-
15	30Z5140367	ADAPTER	1	Z302550001-
16	30Z5140375	CONNECTOR	1	Z302550001-
17	30Z5160414 K2	GROMMET	2	Z302550001-
18	01437-01030	BOLT	2	Z302550001-
19	CFB01-21060	BOLT	2	Z302550001-
20	07102-20605	HOSE	1	Z302550001-
21	07102-20604	HOSE	1	Z302550001-
22	30Z5110753	ELBOW	1	Z302550001-
23	07235-10628	ELBOW	1	Z302550001-
24	07002-32434 K2	O-RING	3	Z302550001-
25	30Z5140359	ELBOW	1	Z302550001-
26	07239-12410	NUT	1	Z302550001-
27	07002-32434 K2	O-RING	1	Z302550001-
28	30Z5190603	CLIP	1	Z302550001-
29	30Z5110104	SPACER	1	Z302550001-



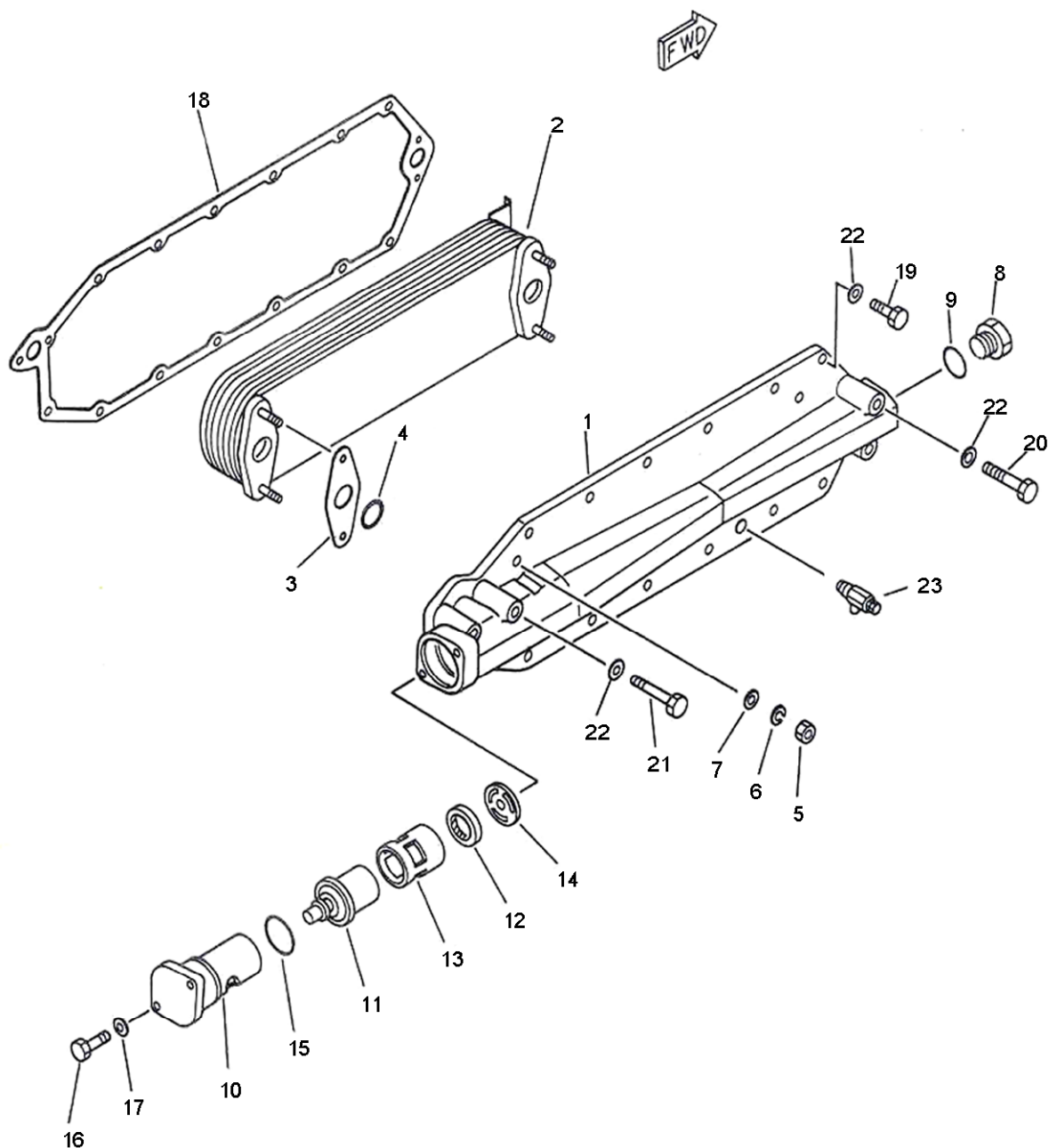
P.T.O LUBRICATING OIL PIPING**FIG. No. 3112**

ITEM	PART NUMBER	NAME OF PART	QTY	ENGINE SL.No.
1	51Z3230514	TUBE	1	Z302550001-
2	CPF12-10812	JOINT BOLT	3	Z302550001-
3	CPF06-01212 K3	GASKET	6	Z302550001-
4	51Z3290422	CLIP	2	Z302550001-
5	51Z3240259	FLANGE	1	Z302550001-
6	CFB01-21030	BOLT	2	Z302550001-
7	CFW01-11030	WASHER, SPRING	2	Z302550001-
8	CFS01-31022	SCREW	2	Z302550001-
9	CFW01-11030	WASHER, SPRING	2	Z302550001-
10	CFW02-11020	WASHER	2	Z302550001-



CENTRIFUGAL OIL FILTER ASSY. & PIPING
FIG. No. 3150

ITEM	PART NUMBER	NAME OF PART	QTY	ENGINE SL.No.
1	30Z5100766	BRACKET, CENTRIFUGAL FILTER	1	Z302550001-0004
2	41Z5161031 K1	GASKET	1	Z302550001-
3	41Z5181022	CENTRIFUGAL OIL FILTER ASSY.	1	Z302550001-
4	41Z5181088 K1	▪ O-RING,HOUSING	1	Z302550001-
5	41Z5181071 K1	▪ O-RING, ROTOR	1	Z302550001-
6	41Z5181063	▪ PAPER, INSERT	1	Z302550001-
7	(*)	▪ CENTRIFUGAL BASE ASSY.	1	Z302550001-
8	(*)	▪ ROTOR BASE ASSY.	1	Z302550001-
9	(*)	▪ ROTOR BOWL	1	Z302550001-
10	(*)	▪ DEFLECTOR PLATE	1	Z302550001-
11	(*)	▪ CHECK NUT	1	Z302550001-
12	(*)	▪ CENTRIFUGE COVER	1	Z302550001-
13	(*)	▪ NUT ASSY.	1	Z302550001-
14	CFS01-30820	SCREW	4	Z302550001-
15	52Z8310492	JOINT	1	Z302550001-
16	31Z7110016	JOINT BOLT	1	Z302550001-
17	CPF06-01412 K1	GASKET	2	Z302550001-
18	CPF09-10813	NIPPLE	1	Z302550001-
19	52Z8160123	HOSE	1	Z302550001-

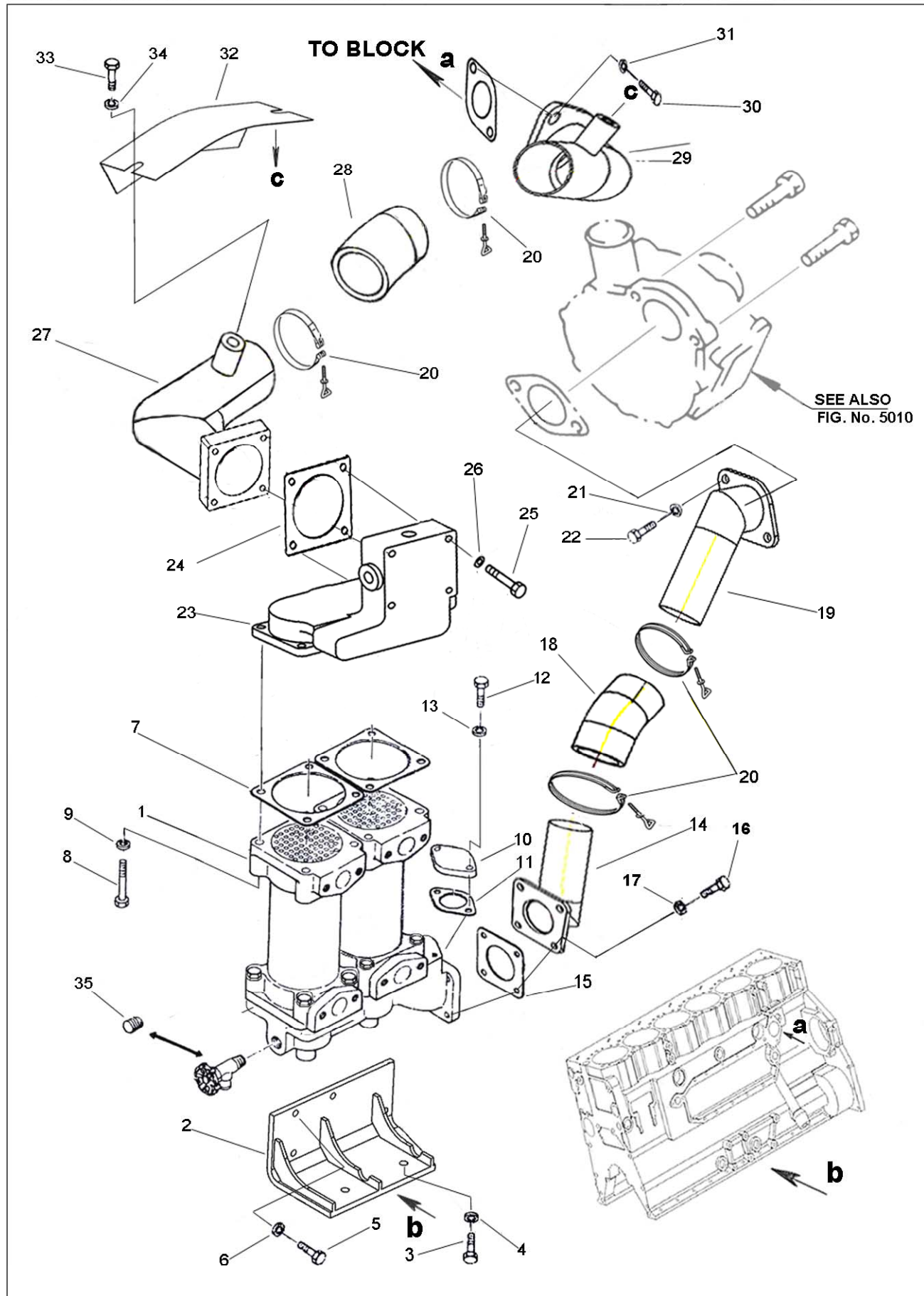


LUBRICATING OIL COOLER
FIG. No. 3310

ITEM	PART NUMBER	NAME OF PART	QTY	ENGINE SL.No.
	30Z5180551	OIL COOLER ASSY.	1	Z302550001-
1	30Z5120254	▪ COVER	1	Z302550001-
2	30Z5180568	▪ ELEMENT, OIL COOLER	1	Z302550001-
3	30Z5160455 K2	▪ GASKET	2	Z302550001-
4	30Z5160447 K2	▪ O-RING	2	Z302550001-
5	CFN01-21084	▪ NUT	4	Z302550001-
6	CFW01-11030	▪ WASHER	4	Z302550001-
7	CFW02-11020	▪ WASHER	4	Z302550001-
8	30Z5120279	▪ PLUG	1	Z302550001-
9	30Z5170475 K2	▪ O-RING	1	Z302550001-
10	30Z5120262	▪ COVER	1	Z302550001-
11	30Z5180632	▪ THERMO VALVE	1	Z302550001-
12	30Z5180576 K2	▪ SEAL, OIL COOLER	1	Z302550001-
13	30Z5140383	▪ COLLAR, OIL COOLER	1	Z302550001-
14	30Z5110194	▪ PLATE, OIL COOLER	1	Z302550001-
15	07000-63042 K2	▪ O-RING	1	Z302550001-
16	CFS01-30825	▪ SCREW	2	Z302550001-
17	CFW02-10816	WASHER	2	Z302550001-
18	30Z5170483 K2	GASKET	1	Z302550001-
19	CFB01-21025	BOLT	13	Z302550001-
20	CFB01-21065	BOLT	2	Z302550001-
21	CFB01-21080	BOLT	2	Z302550001-
22	CFW02-11020	WASHER	17	Z302550001-
23	30Z5180527	VALVE, DRAIN	1	Z302550001-

TORQUE CONVERTER OIL COOLER

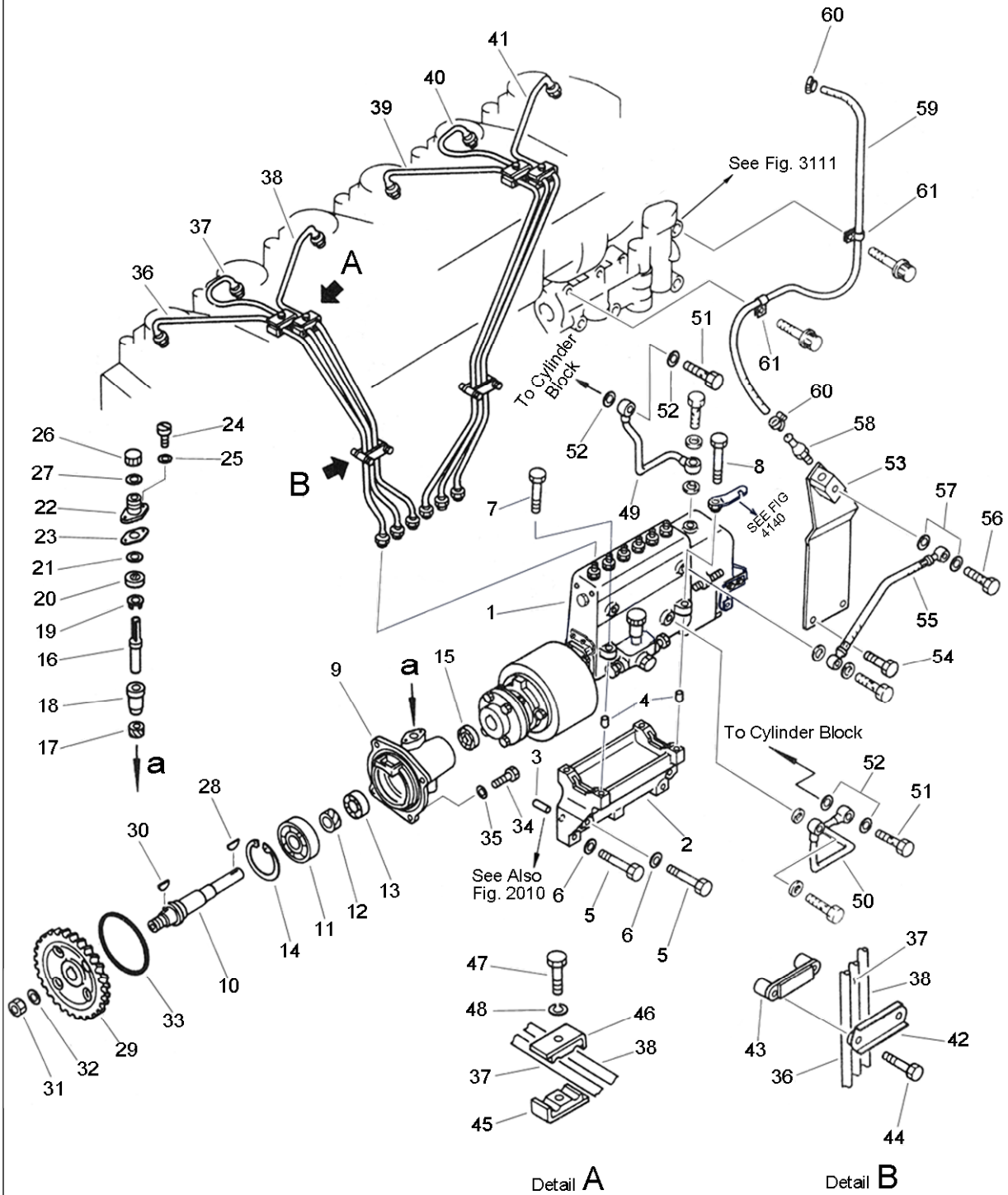
FIG. No. 3311



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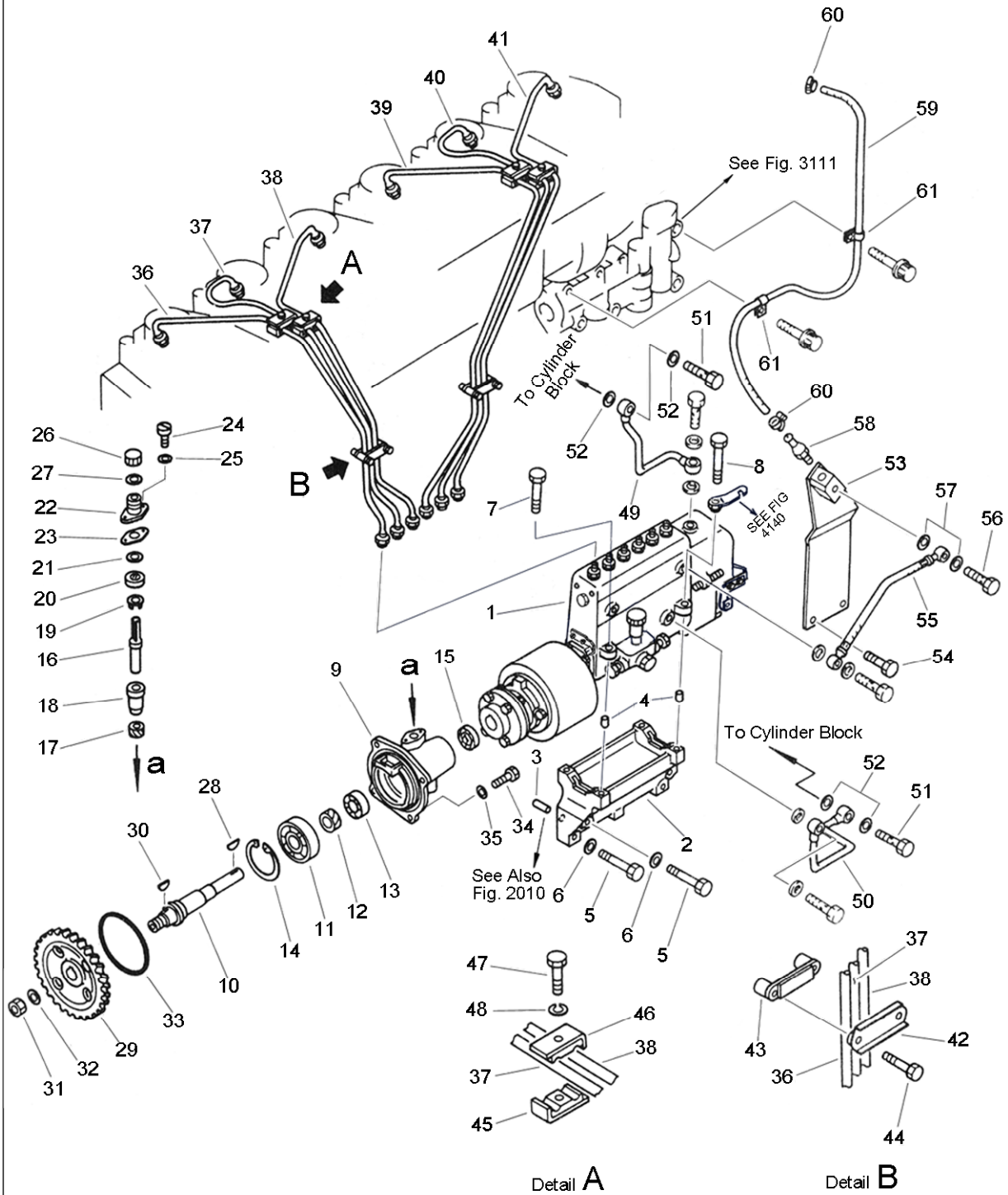
TORQUE CONVERTER OIL COOLER
FIG. No. 3311

ITEM	PART NUMBER	NAME OF PART	QTY	ENGINE SL.No.
1	30Z5100814	T/c OIL COOLER (TWIN) ASSY	1	Z302550001-
2	30Z5100822	BRACKET,T/c OIL COOLER	1	Z302550001-
3	CFS01-31225	SCREW	2	Z302550001-
4	CFW01-11236	WASHER, SPRING	2	Z302550001-
5	CFB01-21025	BOLT	5	Z302550001-
6	CFW01-11030	WASHER, SPRING	5	Z302550001-
7	30Z5170994 K2	GASKET	2	Z302550001-
8	CFB01-21060	BOLT	8	Z302550001-
9	CFW01-11236	SPRING WASHER	8	Z302550001-
10	30Z5120838	COVER PLATE,T/c OIL COOLER	1	Z302550001-
11	30Z5170848 K2	GASKET, COVER PLATE	1	Z302550001-
12	CFS01-31020	SCREW	2	Z302550001-
13	CFW01-11030	WASHER, SPRING	2	Z302550001-
14	30Z5130858	TUBE, OIL COOLER IN	1	Z302550001-
15	30Z5170864 K2	GASKET, TUBE IN	1	Z302550001-
16	CFB01-31025	BOLT	4	Z302550001-
17	CFW01-11030	WASHER, SPRING	4	Z302550001-
18	30Z5130906	HOSE, WATER IN	1	Z302550001-
19	30Z5130889	TUBE WATER PUMP OUT	1	Z302550001-
20	CCC01-06015	CLAMP	4	Z302550001-
21	CFS01-31020	SCREW	2	Z302550001-
22	CFW01-11030	WASHER, SPRING	2	Z302550001-
23	30Z5130963	TOP COVER, TWIN OIL COOLER	1	Z302550001-
24	30Z5170953	GASKET OIL COOLER OUTLET	1	Z302550001-
25	CFB01-21070	BOLT	4	Z302550001-
26	CFW01-11030	WASHER, SPECIAL	4	Z302550001-
27	30Z5130939	TUBE, OUTLET, OIL COOLER	1	Z302550001-
28	30Z5130914	HOSE	1	Z302550001-
29	30Z5130874	TUBE, BLOCK IN	1	Z302550001-
30	CFS01-31020	SCREW	2	Z302550001-
31	CFW01-11030	WASHER, SPRING	2	Z302550001-
32	30Z5180924	HEAT SHIELD	1	Z302550001-
33	CFS01-31020	SCREW	2	Z302550001-
34	CFW01-11030	WASHER, SPRING	2	Z302550001-
35	CPL02-11217	PLUG	1	Z302550001-



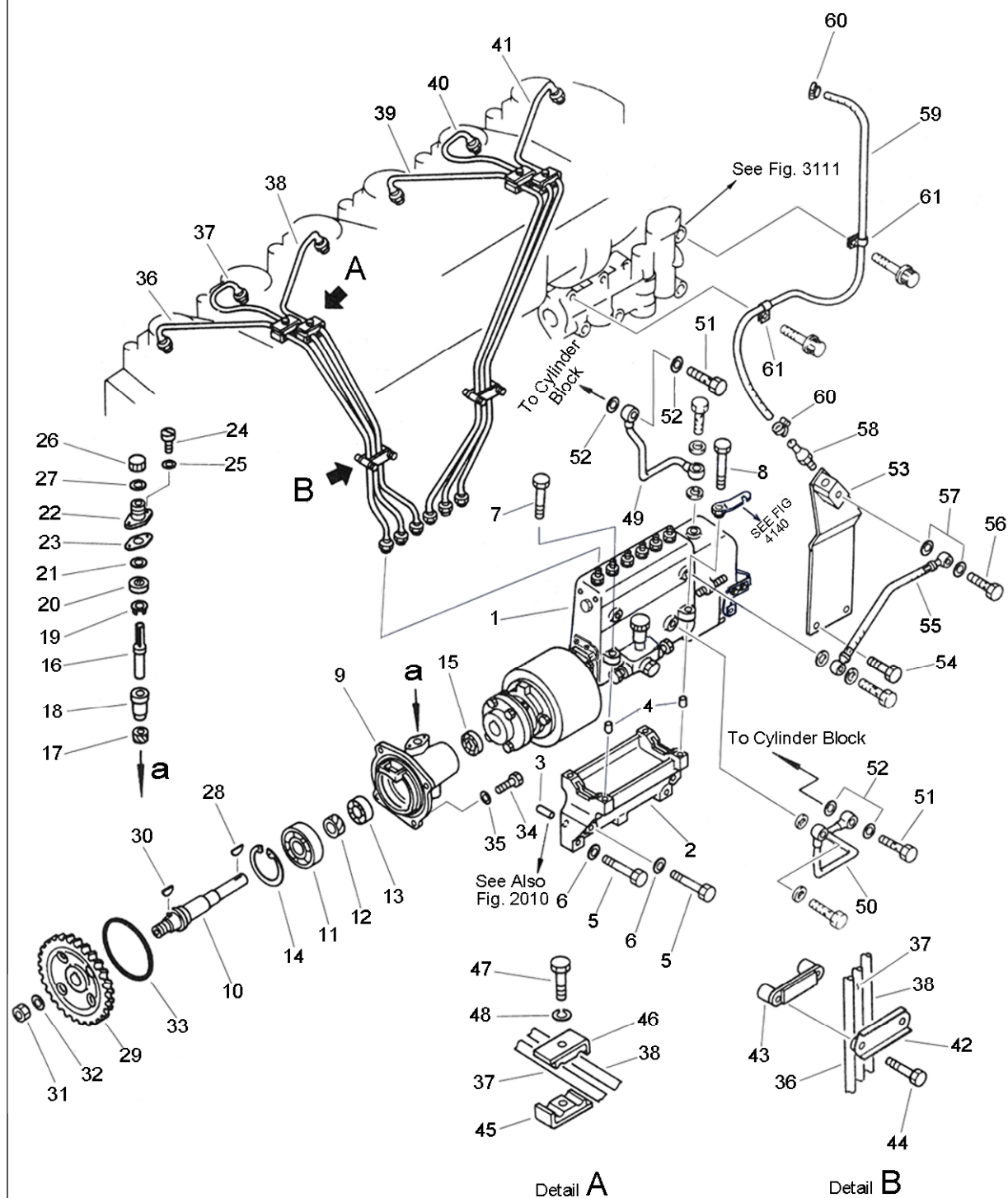
FUEL INJECTION PUMP & PIPING (MICO)
FIG. No. 4020

ITEM	PART NUMBER	NAME OF PART	QTY	ENGINE SL.No.
1	31Z7102143	PUMP, FUEL INJECTION (MICO)	1	Z302550001-
2	31Z7131809	BRACKET	1	Z302550001-
3	CFP04-01024	PIN, DOWEL	2	Z302550001-
4	30Z2110156	PIN, DOWEL	2	Z302550001-
5	CFB01-21055	BOLT	4	Z302550001-
6	CFW05-10032	WASHER	4	Z302550001-
7	01437-01080	BOLT	3	Z302550001-
8	01437-01090	BOLT	1	Z302550001-
	30Z7100023	CASE ASSY.	1	Z302550001-
9	30Z7140298	• CASE	1	Z302550001-
10	30Z7110108	• SHAFT	1	Z302550001-
11	06030-06307	• BEARING, BALL	1	Z302550001-
12	30Z7150317	• GEAR	1	Z302550001-
13	06000-06005	• BEARING, BALL	1	Z302550001-
14	CFL02-18025	• SNAP RING	1	Z302550001-
15	30Z7170357 K2	• SEAL	1	Z302550001-
	30Z7180458	• TACHOMETER DRIVE ASSY.	1	Z302550001-
16	30Z7110092	•• SHAFT	1	Z302550001-
17	30Z7150309	•• GEAR	1	Z302550001-
18	30Z7180425	•• BUSHING	1	Z302550001-
19	30Z7110149	• SPACER	1	Z302550001-
20	30Z7180433 K2	• SEAL, OIL	1	Z302550001-
21	30Z7190478	• WASHER, FELT	1	Z302550001-
22	30Z7120177	• HOUSING	1	Z302550001-
23	30Z7170349 K2	• GASKET, TACH. HOUSING	1	Z302550001-
24	30Z7110051	• BOLT	2	Z302550001-
25	30Z7110068	• WASHER	2	Z302550001-
26	30Z7190526	CAP	1	Z302550001-
27	30Z7160337 K2	GASKET	1	Z302550001-
28	04010-00516	KEY	1	Z302550001-
29	30Z7150325	GEAR	1	Z302550001-
30	04010-00519	KEY	1	Z302550001-
31	CFN20-42414	NUT	1	Z302550001-
32	CFW05-24060	WASHER	1	Z302550001-



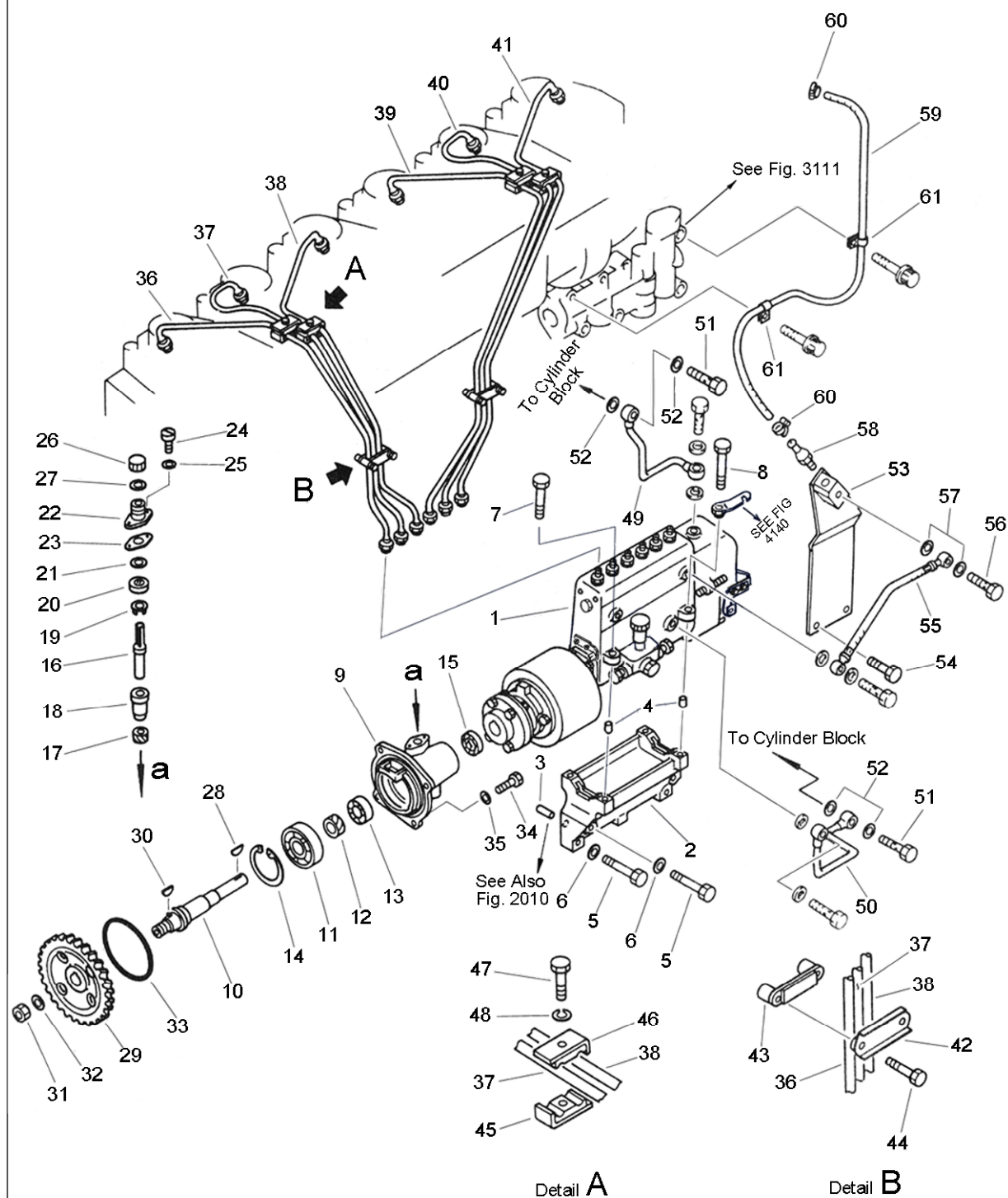
FUEL INJECTION PUMP & PIPING (MICO)
FIG. No. 4020

ITEM	PART NUMBER	NAME OF PART	QTY	ENGINE SL.No.
33	07000-62125 K2	O-RING	1	Z302550001-
34	CFB01-21025	BOLT	4	Z302550001-
35	CFW02-11020	WASHER	4	Z302550001-
36	31Z7132202	TUBE, INJECTION. NO. 1	1	Z302550001-
37	31Z7132219	TUBE, INJECTION. NO. 2	1	Z302550001-
38	31Z7132227	TUBE, INJECTION. NO. 3	1	Z302550001-
39	31Z7132235	TUBE, INJECTION. NO. 4	1	Z302550001-
40	31Z7132243	TUBE, INJECTION. NO. 5	1	Z302550001-
41	31Z7132251	TUBE, INJECTION. NO. 6	1	Z302550001-
42	30Z7190389	CLAMP	2	Z302550001-
43	30Z7190461	CLAMP	2	Z302550001-
44	CFB01-21055	BOLT	4	Z302550001-
	30Z7190494	CLIP ASSY.	4	Z302550001-
45	30Z7190518	CLIP	1	Z302550001-
46	30Z7190501	CLIP	1	Z302550001-
47	CFB01-20630	BOLT	1	Z302550001-
48	CFW01-10619	WASHER	1	Z302550001-
49	30Z7131793	TUBE	1	Z302550001-
50	30Z7131663	TUBE	1	Z302550001-
51	CPF12-11014	JOINT BOLT	2	Z302550001-
52	CPF06-01412 K2	GASKET	4	Z302550001-
53	30Z7130286	ADAPTER	1	Z302550001-
54	CFS01-31020	SCREW	2	Z302550001-
55	07271-01430	HOSE	1	Z302550001-
56	CPF12-11014	JOINT BOLT	1	Z302550001-
57	CPF06-01412 K2	GASKET	2	Z302550001-
58	CPF14-20040	NIPPLE	1	Z302550001-
59	07270-20485	HOSE	1	Z302550001-
60	07285-00085	CLAMP	2	Z302550001-
61	CCC06-10814	CLIP	2	Z302550001-



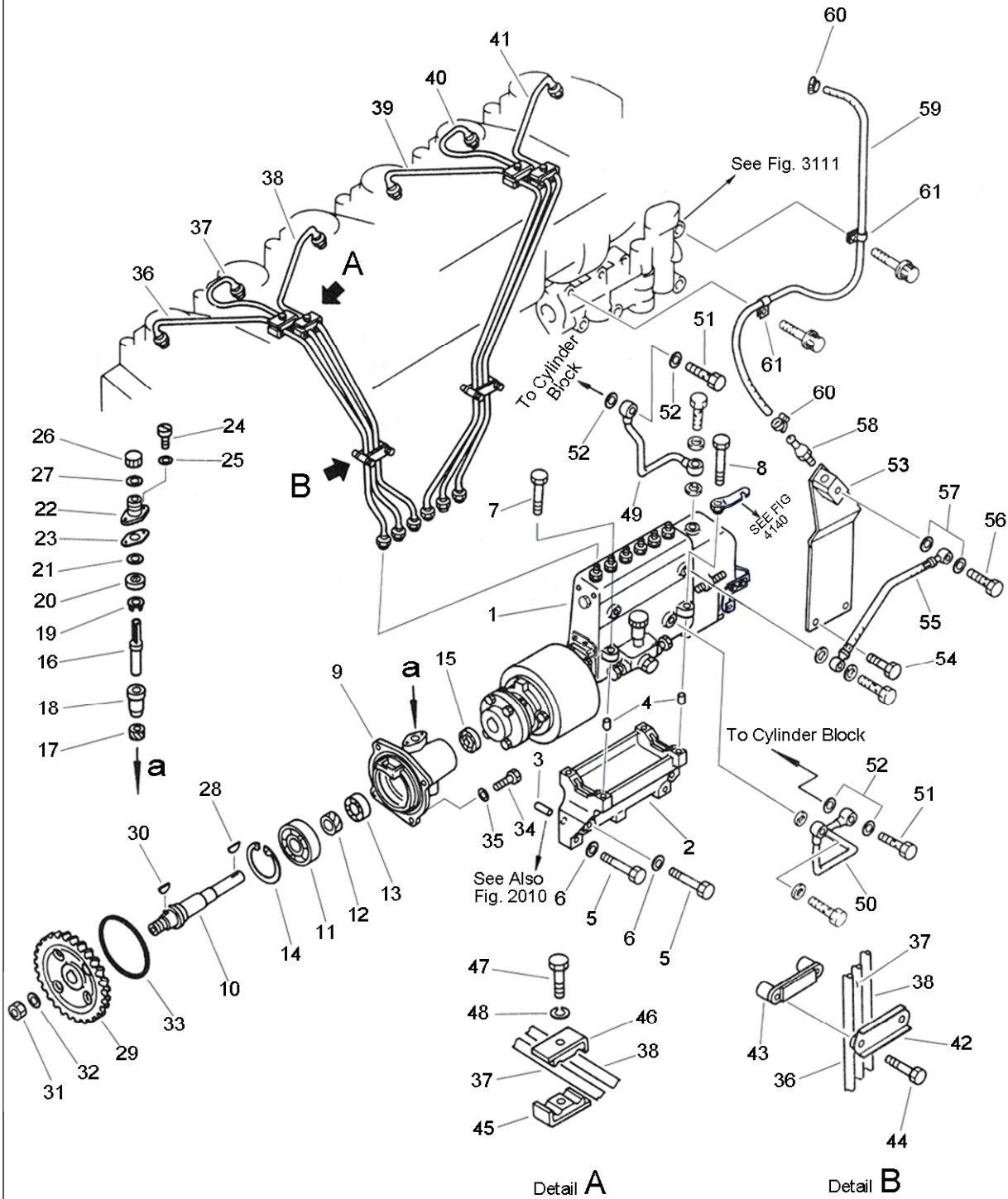
FUEL INJECTION PUMP & PIPING (MICO)**FIG. No. 4020A**

ITEM	PART NUMBER	NAME OF PART	QTY	ENGINE SL.No.
1	31Z7102143	PUMP, FUEL INJECTION (MICO)	1	Z302550002-
2	31Z7131809	BRACKET	1	Z302550002-
3	CFP04-01024	PIN, DOWEL	2	Z302550002-
4	30Z2110156	PIN, DOWEL	2	Z302550002-
5	CFB01-21055	BOLT	4	Z302550002-
6	CFW05-10032	WASHER	4	Z302550002-
7	01437-01080	BOLT	3	Z302550002-
8	01437-01090	BOLT	1	Z302550002-
	30Z7100023	CASE ASSY.	1	Z302550002-
9	30Z7140298	. CASE	1	Z302550002-
10	30Z7110108	. SHAFT	1	Z302550002-
11	06030-06307	. BEARING, BALL	1	Z302550002-
12	30Z7150317	. GEAR	1	Z302550002-
13	06000-06005	. BEARING, BALL	1	Z302550002-
14	CFL02-18025	. SNAP RING	1	Z302550002-
15	30Z7170357 K2	. SEAL	1	Z302550002-
	30Z7180458	. TACHOMETER DRIVE ASSY.	1	Z302550002-
16	30Z7110092	.. SHAFT	1	Z302550002-
17	30Z7150309	.. GEAR	1	Z302550002-
18	30Z7180425	.. BUSHING	1	Z302550002-
19	30Z7110149	. SPACER	1	Z302550002-
20	30Z7180433 K2	. SEAL, OIL	1	Z302550002-
21	30Z7190478	. WASHER, FELT	1	Z302550002-
22	30Z7120177	. HOUSING	1	Z302550002-
23	30Z7170349 K2	. GASKET, TACH. HOUSING	1	Z302550002-
24	30Z7110051	. BOLT	2	Z302550002-
25	30Z7110068	. WASHER	2	Z302550002-
26	30Z7190526	CAP	1	Z302550002-
27	30Z7160337 K2	GASKET	1	Z302550002-
28	04010-00516	KEY	1	Z302550002-
29	30Z7150325	GEAR	1	Z302550002-
30	04010-00519	KEY	1	Z302550002-
31	CFN20-42414	NUT	1	Z302550002-
32	CFW05-24060	WASHER	1	Z302550002-



FUEL INJECTION PUMP & PIPING (MICO)**FIG. No. 4020A**

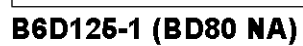
ITEM	PART NUMBER	NAME OF PART	QTY	ENGINE SL.No.
33	07000-62125 K2	O-RING	1	Z302550002-
34	CFB01-21025	BOLT	4	Z302550002-
35	CFW02-11020	WASHER	4	Z302550002-
36	30Z7131955	TUBE, INJECTION. NO. 1	1	Z302550002-
37	30Z7131963	TUBE, INJECTION. NO. 2	1	Z302550002-
38	30Z7131971	TUBE, INJECTION. NO. 3	1	Z302550002-
39	30Z7131988	TUBE, INJECTION. NO. 4	1	Z302550002-
40	30Z7131996	TUBE, INJECTION. NO. 5	1	Z302550002-
41	30Z7132002	TUBE, INJECTION. NO. 6	1	Z302550002-
42	30Z7190389	CLAMP	2	Z302550002-
43	30Z7190461	CLAMP	2	Z302550002-
44	CFB01-21055	BOLT	4	Z302550002-
	30Z7190494	CLIP ASSY.	4	Z302550002-
45	30Z7190518	CLIP	1	Z302550002-
46	30Z7190501	CLIP	1	Z302550002-
47	CFB01-20630	BOLT	1	Z302550002-
48	CFW01-10619	WASHER	1	Z302550002-
49	30Z7131793	TUBE	1	Z302550002-
50	30Z7131663	TUBE	1	Z302550002-
51	CPF12-11014	JOINT BOLT	2	Z302550002-
52	CPF06-01412 K2	GASKET	4	Z302550002-
53	30Z7130286	ADAPTER	1	Z302550002-
54	CFS01-31020	SCREW	2	Z302550002-
55	07271-01430	HOSE	1	Z302550002-
56	CPF12-11014	JOINT BOLT	1	Z302550002-
57	CPF06-01412 K2	GASKET	2	Z302550002-
58	CPF14-20040	NIPPLE	1	Z302550002-
59	07270-20485	HOSE	1	Z302550002-
60	07285-00085	CLAMP	2	Z302550002-
61	CCC06-10814	CLIP	2	Z302550002-



FUEL INJECTION PUMP & PIPING (MICO)**FIG. No. 4020B**

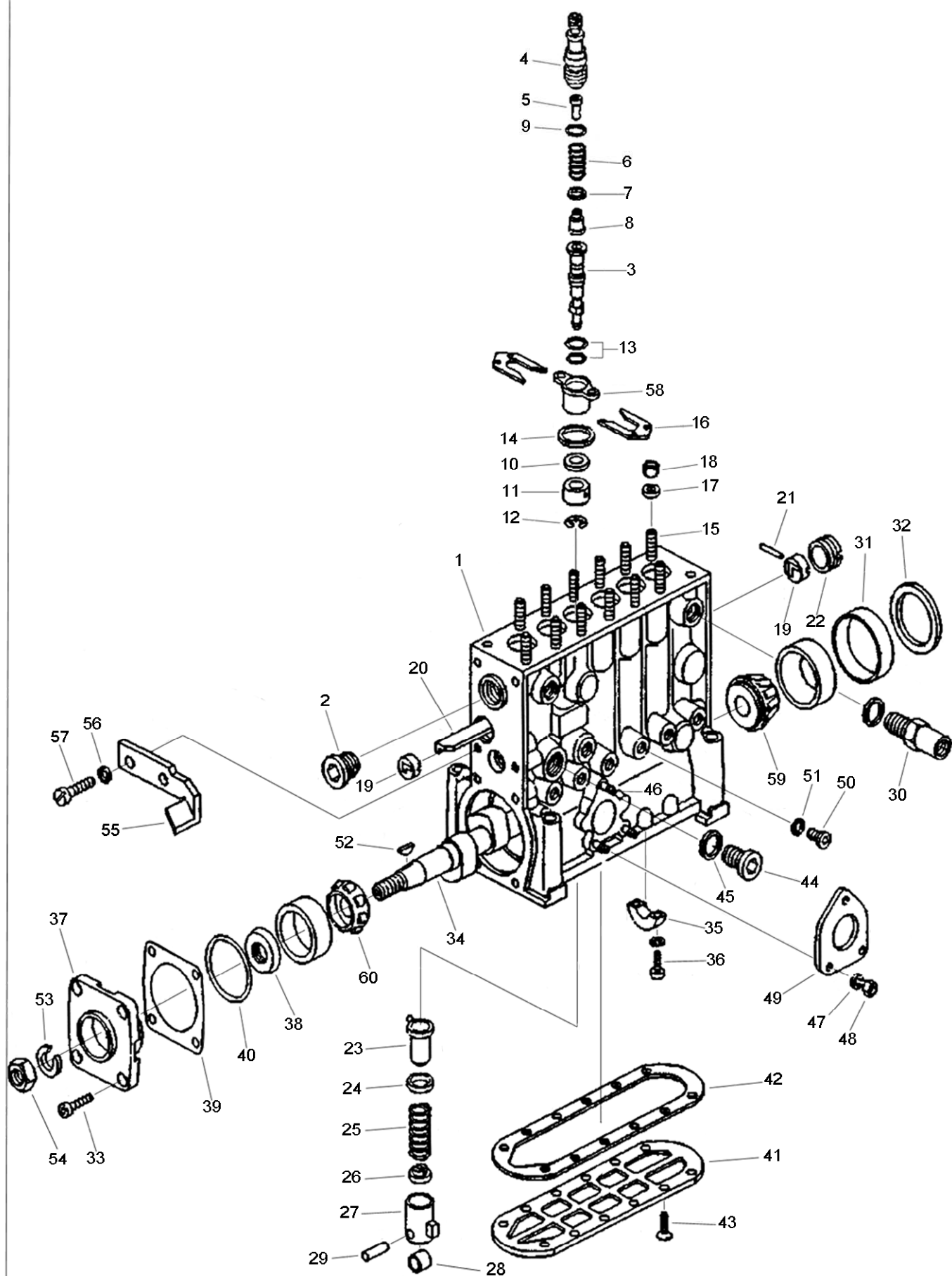
ITEM	PART NUMBER	NAME OF PART	QTY	ENGINE SL.No.
1	31Z7102143	PUMP, FUEL INJECTION (MICO)	1	Z301160076-
2	31Z7131809	BRACKET	1	Z301160076-
3	CFP04-01024	PIN, DOWEL	2	Z301160076-
4	30Z2110156	PIN, DOWEL	2	Z301160076-
5	CFB01-21055	BOLT	4	Z301160076-
6	CFW05-10032	WASHER	4	Z301160076-
7	01437-01080	BOLT	3	Z301160076-
8	01437-01090	BOLT	1	Z301160076-
	30Z7100023	CASE ASSY.	1	Z301160076-
9	30Z7140298	. CASE	1	Z301160076-
10	30Z7110108	. SHAFT	1	Z301160076-
11	06030-06307	. BEARING, BALL	1	Z301160076-
12	30Z7150317	. GEAR	1	Z301160076-
13	06000-06005	. BEARING, BALL	1	Z301160076-
14	CFL02-18025	. SNAP RING	1	Z301160076-
15	30Z7170357 K2	. SEAL	1	Z301160076-
	30Z7180458	. TACHOMETER DRIVE ASSY.	1	Z301160076-
16	30Z7110092	.. SHAFT	1	Z301160076-
17	30Z7150309	.. GEAR	1	Z301160076-
18	30Z7180425	.. BUSHING	1	Z301160076-
19	30Z7110149	. SPACER	1	Z301160076-
20	30Z7180433 K2	. SEAL, OIL	1	Z301160076-
21	30Z7190478	. WASHER, FELT	1	Z301160076-
22	30Z7120177	. HOUSING	1	Z301160076-
23	30Z7170349 K2	. GASKET, TACH. HOUSING	1	Z301160076-
24	30Z7110051	. BOLT	2	Z301160076-
25	30Z7110068	. WASHER	2	Z301160076-
26	30Z7190526	CAP	1	Z301160076-
27	30Z7160337 K2	GASKET	1	Z301160076-
28	04010-00516	KEY	1	Z301160076-
29	30Z7150325	GEAR	1	Z301160076-
30	04010-00519	KEY	1	Z301160076-
31	CFN20-42414	NUT	1	Z301160076-
32	CFW05-24060	WASHER	1	Z301160076-

FIG. No. 4020B



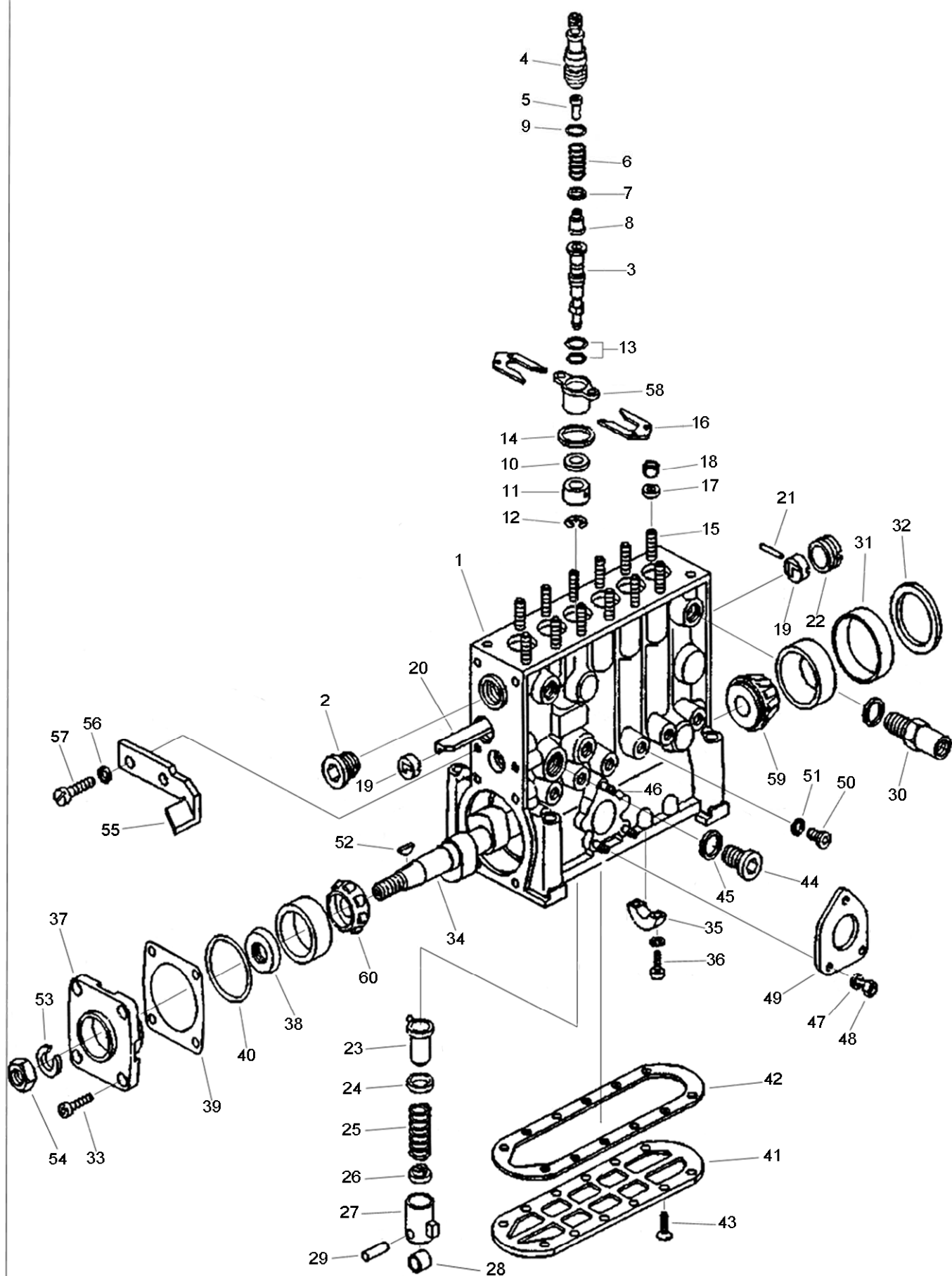
FUEL INJECTION PUMP & PIPING (MICO)**FIG. No. 4020B**

ITEM	PART NUMBER	NAME OF PART	QTY	ENGINE SL.No.
33	07000-62125 K2	O-RING	1	Z301160076-
34	CFB01-21025	BOLT	4	Z301160076-
35	CFW02-11020	WASHER	4	Z301160076-
36	30Z7131955	TUBE, INJECTION. NO. 1	1	Z301160076-
37	30Z7131963	TUBE, INJECTION. NO. 2	1	Z301160076-
38	30Z7131971	TUBE, INJECTION. NO. 3	1	Z301160076-
39	30Z7131988	TUBE, INJECTION. NO. 4	1	Z301160076-
40	30Z7131996	TUBE, INJECTION. NO. 5	1	Z301160076-
41	30Z7132002	TUBE, INJECTION. NO. 6	1	Z301160076-
42	30Z7190389	CLAMP	2	Z301160076-
43	30Z7190461	CLAMP	2	Z301160076-
44	CFB01-21055	BOLT	4	Z301160076-
	30Z7190494	CLIP ASSY.	4	Z301160076-
45	30Z7190518	. CLIP	1	Z301160076-
46	30Z7190501	. CLIP	1	Z301160076-
47	CFB01-20630	. BOLT	1	Z301160076-
48	CFW01-10619	. WASHER	1	Z301160076-
49	30Z7131793	TUBE	1	Z301160076-
50	30Z7131663	TUBE	1	Z301160076-
51	CPF12-11014	JOINT BOLT	2	Z301160076-
52	CPF06-01412 K2	GASKET	4	Z301160076-
53	30Z7130286	ADAPTER	1	Z301160076-
54	CFS01-31020	SCREW	2	Z301160076-
55	07271-01430	HOSE	1	Z301160076-
56	CPF12-11014	JOINT BOLT	1	Z301160076-
57	CPF06-01412 K2	GASKET	2	Z301160076-
58	CPF14-20040	NIPPLE	1	Z301160076-
59	07270-20485	HOSE	1	Z301160076-
60	07285-00085	CLAMP	2	Z301160076-
61	CCC06-10814	CLIP	2	Z301160076-



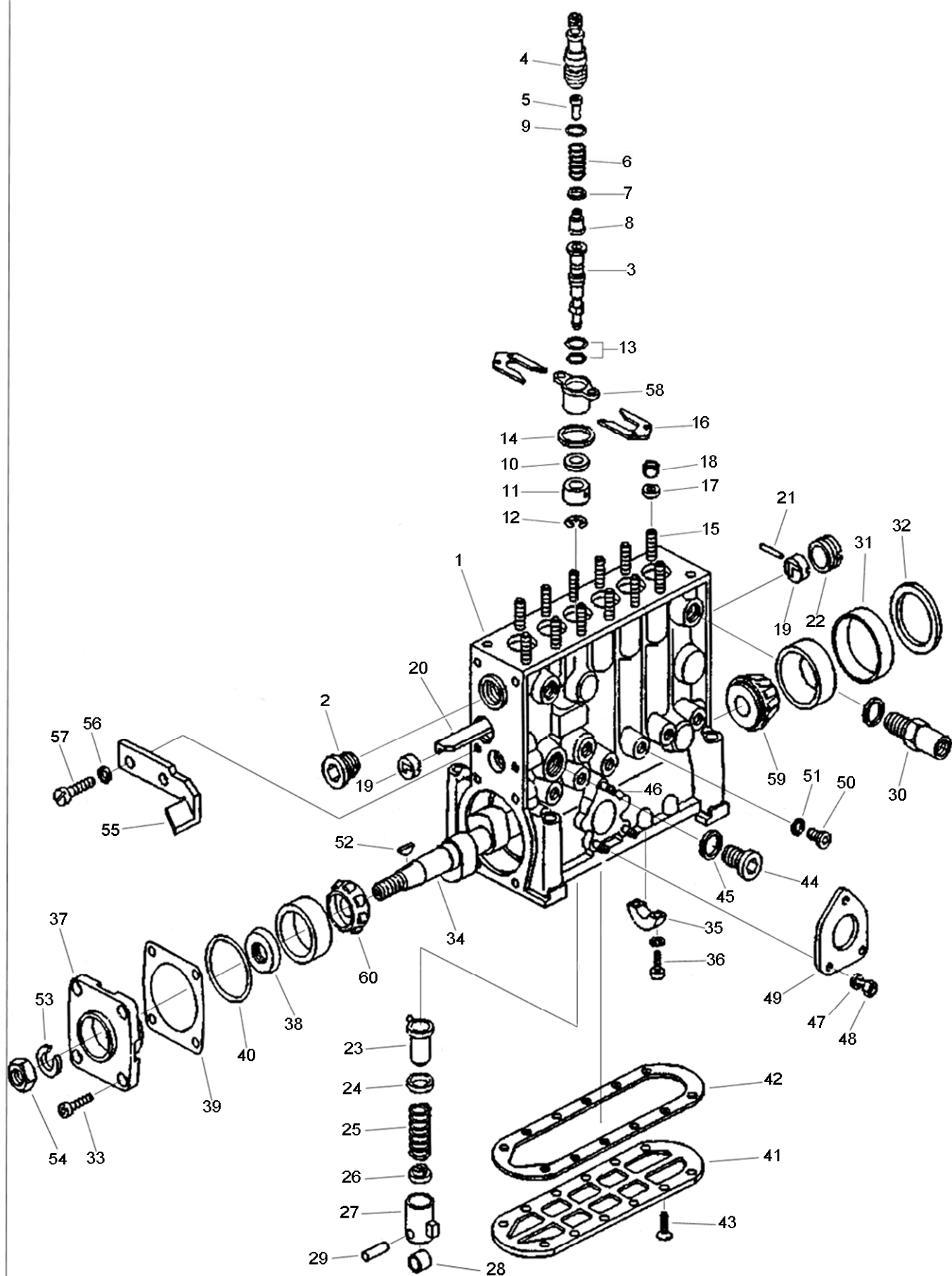
FUEL INJECTION PUMP (MICO)
FIG. No. 4021

ITEM	PART NUMBER	NAME OF PART	QTY	ENGINE SL.No.
	(31Z7102143)	FUEL INJECTION PUMP(MICO)		Z302550001-
	MICO PART Nos.			
	F 002 A10 121	PUMP HOUSING ASSY.	1	Z302550001-
1	F 002 A10 551	▪ PUMP HOUSING	1	Z302550001-
2	1 413 463 010	.. SCREW PLUG	1	Z302550001-
	2 911 272 704	.. SCREW PLUG +	1	Z302550001-
3	2 418 455 030	▪ PUMP ELEMENT	6	Z302550001-
4	2 413 371 115	▪ DELIVERY VALVE HOLDER	6	Z302550001-
5	2 413 121 013	▪ FILLER PIECE	6	Z302550001-
6	2 414 614 005	▪ COMPRESSOR SPRING	6	Z302550001-
7	2 410 105 003	▪ GASKET	6	Z302550001-
8	9 418 270 024	▪ DELIVERY VALVE ASSY.	6	Z302550001-
9	2 410 210 004	▪ O-RING	6	Z302550001-
10	2 410 102 000	▪ SHIM	6	Z302550001-
11	1 410 500 015	▪ CAPSULE	6	Z302550001-
12	2 414 601 008	▪ RETAINER	6	Z302550001-
13	1 410 210 014	▪ O-RING	12	Z302550001-
14	2 410 206 007	▪ SEAL RING	6	Z302550001-
15	2 413 502 023	▪ THREADED PIN	12	Z302550001-
16		▪ SHIM PLATE	AR	Z302550001-
	2 411 098 010	0.40 MM THICK	2/AR	Z302550001-
	2 411 098 011	0.45 MM THICK	2/AR	Z302550001-
	2 411 098 012	0.50 MM THICK	2/AR	Z302550001-
	2 411 098 013	0.55 MM THICK	2/AR	Z302550001-
	2 411 098 014	0.60 MM THICK	2/AR	Z302550001-
	2 411 098 015	0.65 MM THICK	2/AR	Z302550001-
	2 411 098 016	0.70 MM THICK	2/AR	Z302550001-
	2 411 098 017	0.75 MM THICK	2/AR	Z302550001-
	2 411 098 018	0.80 MM THICK	2/AR	Z302550001-
	2 411 098 019	0.85 MM THICK	2/AR	Z302550001-
	2 411 098 020	0.90 MM THICK	2/AR	Z302550001-
	2 411 098 021	0.95 MM THICK	2/AR	Z302550001-
	2 411 098 022	1.00 MM THICK	2/AR	Z302550001-
	2 411 098 023	1.05 MM THICK	2/AR	Z302550001-



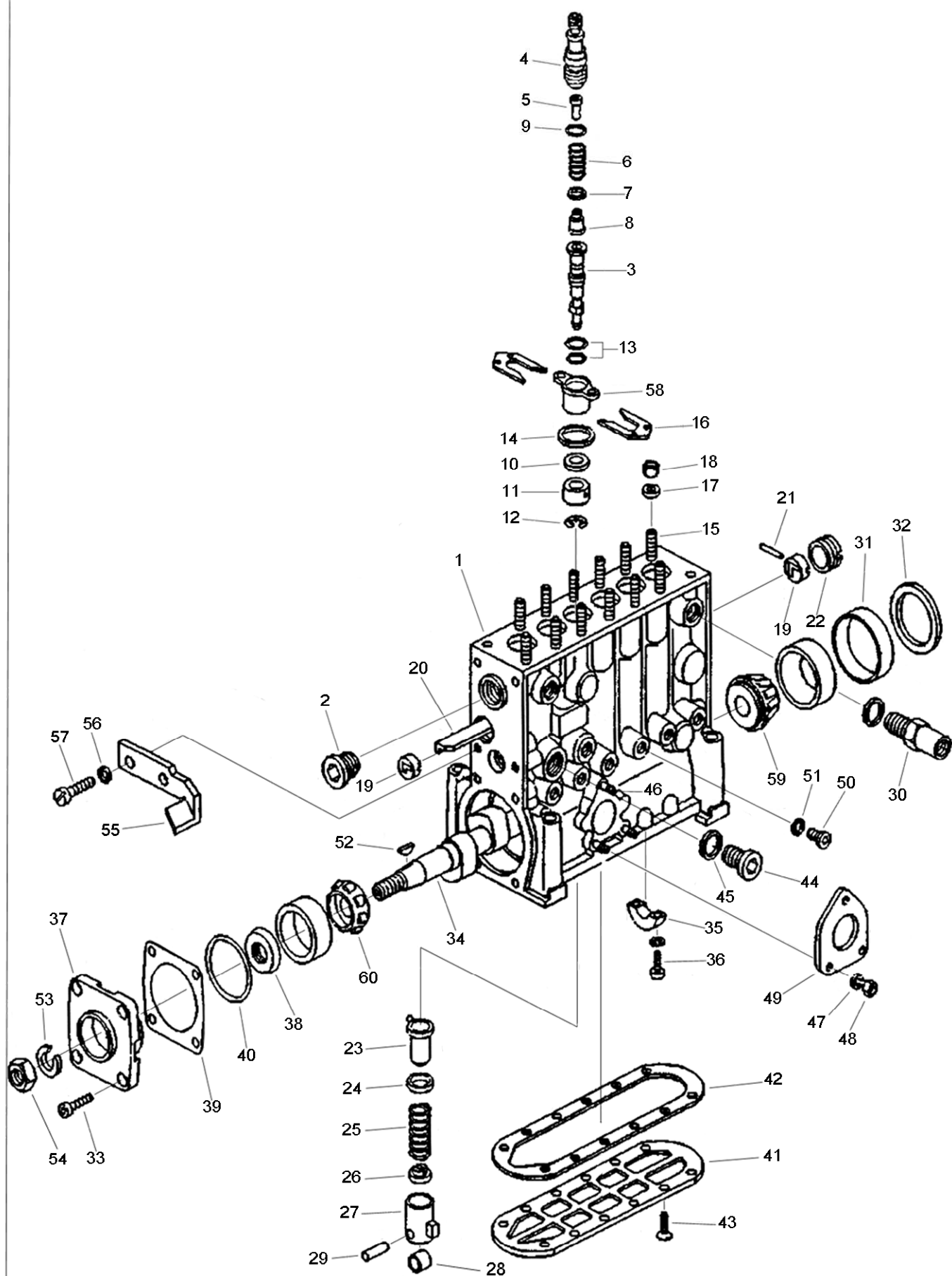
FUEL INJECTION PUMP (MICO)**FIG. No. 4021**

ITEM	PART NUMBER	NAME OF PART	QTY	ENGINE SL.No.
	2 411 098 024	1.10 MM THICK	2/AR	Z302550001-
	2 411 098 025	1.15 MM THICK	2/AR	Z302550001-
	2 411 098 026	1.20 MM THICK	2/AR	Z302550001-
	2 411 098 027	1.25 MM THICK	2/AR	Z302550001-
	2 411 098 028	1.30 MM THICK	2/AR	Z302550001-
	2 411 098 029	1.35 MM THICK	2/AR	Z302550001-
	2 411 098 030	1.40 MM THICK	2/AR	Z302550001-
	2 411 098 031	1.45 MM THICK	2/AR	Z302550001-
	2 411 098 032	1.50 MM THICK	2/AR	Z302550001-
	2 411 098 033	1.55 MM THICK	2/AR	Z302550001-
	2 411 098 034	1.60 MM THICK	2/AR	Z302550001-
	2 411 098 035	1.65 MM THICK	2/AR	Z302550001-
	2 411 098 036	1.70 MM THICK	2/AR	Z302550001-
	2 411 098 037	1.75 MM THICK	2/AR	Z302550001-
	2 411 098 038	1.80 MM THICK	2/AR	Z302550001-
	2 411 098 039	1.85 MM THICK	2/AR	Z302550001-
	2 411 098 040	1.90 MM THICK	2/AR	Z302550001-
	2 411 098 041	1.95 MM THICK	2/AR	Z302550001-
	2 411 098 042	2.00 MM THICK	2/AR	Z302550001-
	2 411 098 043	2.05 MM THICK	2/AR	Z302550001-
	2 411 098 044	2.10 MM THICK	2/AR	Z302550001-
	2 411 098 045	2.15 MM THICK	2/AR	Z302550001-
	2 411 098 046	2.20 MM THICK	2/AR	Z302550001-
	2 411 098 047	2.25 MM THICK	2/AR	Z302550001-
	2 411 098 048	2.30 MM THICK	2/AR	Z302550001-
	2 411 098 049	2.35 MM THICK	2/AR	Z302550001-
	2 411 098 050	2.40 MM THICK	2/AR	Z302550001-
	2 411 098 051	2.45 MM THICK	2/AR	Z302550001-
	2 411 098 052	2.50 MM THICK	2/AR	Z302550001-
17	2 410 101 004	▪ PLAIN WASHER	12	Z302550001-
18	2 915 012 066	▪ HEXAGON NUT	12	Z302550001-
19	1 410 001 025	▪ GUIDE BUSHING	2	Z302550001-
20	2 416 056 081	▪ CONTROL ROD	1	Z302550001-
21	2 413 201 003	▪ STRAIGHT PIN	1	Z302550001-



FUEL INJECTION PUMP (MICO)
FIG. No. 4021

ITEM	PART NUMBER	NAME OF PART	QTY	ENGINE SL.No.
22	2 413 344 001	• THREADED RING	1	Z302550001-
23	1 410 422 001	• CONTROL SLEEVE	6	Z302550001-
24	1 410 500 035	• SPRING SEAT - UPPER	6	Z302550001-
25	2 414 619 011	• COMPRESSION SPRING	6	Z302550001-
26	2 410 020 013	• SPRING SEAT - LOWER	6	Z302550001-
27	2 418 750 024	• ROLLER TAPPET ASSY.	6	Z302550001-
28	2 410 202 028	•• ROLLER	6	Z302550001-
29	2 413 100 000	•• BEARING PIN	6	Z302550001-
	1 413 120 090	•• SLIDING PIECE +	6	Z302550001-
	OR			
	1 413 120 091	•• SLIDING PIECE	6	Z302550001-
30	2 417 413 093	• OVERFLOW VALVE	1	Z302550001-
31	1 410 201 000	• SPACER RING	1	Z302550001-
32		• SUPPORT RING		Z302550001-
	1 410 102 020	1.20 MM THICK	AR	Z302550001-
	1 410 102 021	1.50 MM THICK	AR	Z302550001-
	1 410 102 022	1.80 MM THICK	AR	Z302550001-
	1 410 102 023	2.00 MM THICK	AR	Z302550001-
33	2 413 414 019	• TORX FILLISTER SCREW	4	Z302550001-
34	F 002 A11 144	• CAMSHAFT	1	Z302550001-
35	2 415 800 011	• INTERMEDIATE BEARING	1	Z302550001-
36	2 914 552 158	• MICROENCAPSULATED SCREW	2	Z302550001-
37	1 415 552 001	• BEARING END PLATE	1	Z302550001-
38	1 410 282 015	• OIL SEAL	1	Z302550001-
39		• SHIM PLATE		Z302550001-
	1 411 038 030	0.10 MM THICK	AR	Z302550001-
	1 411 038 031	0.12 MM THICK	AR	Z302550001-
	1 411 038 032	0.14 MM THICK	AR	Z302550001-
	1 411 038 033	0.16 MM THICK	AR	Z302550001-
	1 411 038 034	0.18 MM THICK	AR	Z302550001-
	1 411 038 035	0.30 MM THICK	AR	Z302550001-
	1 411 038 036	0.50 MM THICK	AR	Z302550001-
40	1 420 210 007	• O-RING	1	Z302550001-
41	2 415 656 004	• CLOSING COVER	1	Z302550001-



FUEL INJECTION PUMP (MICO)
FIG. No. 4021

ITEM	PART NUMBER	NAME OF PART	QTY	ENGINE SL.No.
42	2 411 015 046	▪ GASKET	1	Z302550001-
43	2 413 421 003	▪ FLAT-HEAD SCREW	12	Z302550001-
44	2 413 461 000	▪ SCREW PLUG	1	Z302550001-
45	2 916 710 618	▪ FLAT SEAL RING	1	Z302550001-
46	1 413 502 000	▪ THREADED PIN	3	Z302550001-
47	2 916 699 132	▪ SPRING LOCK WASHER	3	Z302550001-
48	2 915 012 007	▪ HEXAGON NUT	3	Z302550001-
49	F 002 A11 261	▪ GASKET	1	Z302550001-
	OR			
	1 411 073 006	▪ GASKET	1	Z302550001-
50	2 911 272 750	▪ SCREW PLUG	6	Z302550001-
51	2 916 710 605	▪ FLAT SEAL RING	6	Z302550001-
52	1 900 023 011	▪ WOODRUFF KEY	1	Z302550001-
53	2 916 699 139	▪ SPRING LOCK WASHER	1	Z302550001-
54	2 915 022 006	▪ HEXAGON NUT	1	Z302550001-
55	2 411 331 054	▪ POINTER	1	Z302550001-
56	2 916 699 132	▪ SPRING LOCK WASHER	2	Z302550001-
57	2 910 141 193	▪ SCREW	2	Z302550001-
58	2 410 363 015	▪ FLANGE BUSH	6	Z302550001-
59	1 900 910 240	▪ TAPERED ROLLER BEARING	1	Z302550001-
60	1 900 910 240	▪ TAPERED ROLLER BEARING	1	Z302550001-
		+ PART NOT ILLUSTRATED		

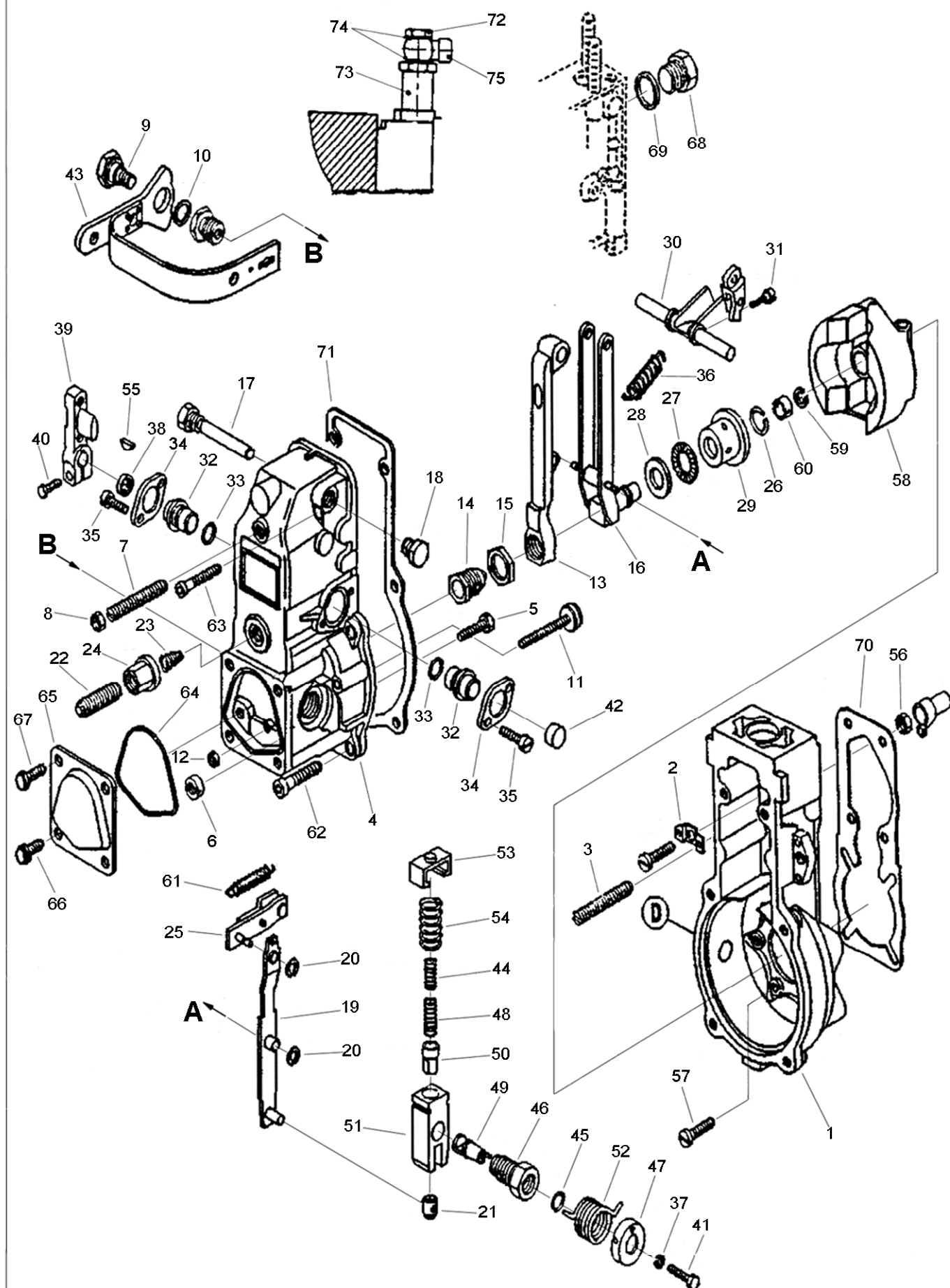
FIG. No. 4022



GOVERNOR, FUEL INJECTION PUMP (MICO)

FIG. No. 4022

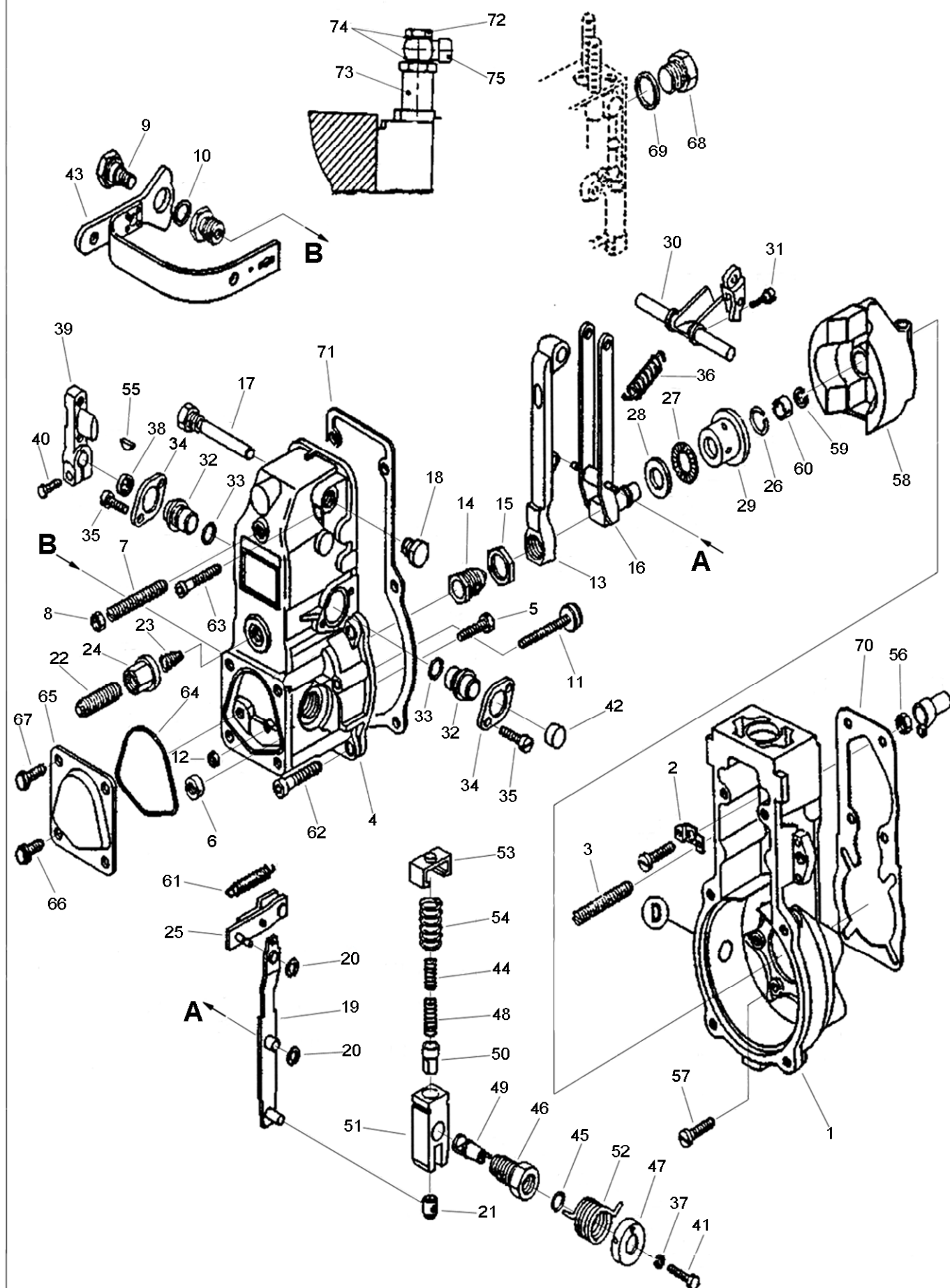
ITEM	PART NUMBER	NAME OF PART	QTY	ENGINE SL.No.
	(31Z7102143)	FUEL INJECTION PUMP(MICO)	1	Z302550001-
	MICO PART Nos.			
	F 002 A201 30	GOVERNOR ASSEMBLY	1	Z302550001-
1	2 425 151 001	• GOVERNOR HOUSING	1	Z302550001-
2	2 421 332 002	• HOLDING PLATE	1	Z302550001-
3	1 423 400 028	• MAX. SPEED STOP SCREW	1	Z302550001-
	F 002 A20 630	• GOVERNOR COVER	1	Z302550001-
4	2 425 657 005	• GOVERNOR COVER ALONE	1	Z302550001-
5	1 423 450 051	• STOP SCREW	1	Z302550001-
6	2 423 341 001	• ROUND NUT	1	Z302550001-
7	2 423 400 001	• IDLING STOP SCREW	1	Z302550001-
8	2 423 314 003	• SEALING NUT	1	Z302550001-
9	1 423 462 043	• HEXAGON SCREW	1	Z302550001-
10	2 916 710 603	• FLAT SEAL RING	1	Z302550001-
11	1 423 410 011	• FULL LOAD STOP SCREW	1	Z302550001-
12	2 915 012 007	• HEXAGON NUT FOR 11	1	Z302550001-
13	1 422 031 043	• TENSIONING LEVER	1	Z302550001-
14	1 420 506 598	• ADAPTION CAPSULE	1	Z302550001-
15	1 463 300 302	••• HEXAGON NUT FOR 11	1	Z302550001-
16	1 421 933 037	• GUIDE LEVER	1	Z302550001-
17	2 423 452 001	• HEXAGON SCREW	1	Z302550001-
18	2 911 272 750	• SCREW PLUG	1	Z302550001-
19	1 421 901 178	• FULCRUM LEVER	1	Z302550001-
20	2 916 080 907	• CIRCLIP FOR 19 & 25	2	Z302550001-
21	1 423 200 020	• SLIDER	1	Z302550001-
22	1 423 401 015	• SUPLE IDLING SPRING ASSY.	1	Z302550001-
23	1 424 641 003	••• COMPRESSION SPRING	1	Z302550001-
24	2 423 314 001	••• HEXAGON NUT	1	Z302550001-
25	2 421 901 029	• SHACKLE	1	Z302550001-
26	2 916 600 006	• RETAINER	1	Z302550001-
27	F 002 A20 864	• NEEDLE-ROLLER BEARING	1	Z302550001-
28	1 420 101 078	• SUPPORTING DISC	1	Z302550001-
29	9 421 030 333	• SLIDING SLEEVE	1	Z302550001-
30	2 422 013 014	• SWIVELLING LEVER	1	Z302550001-



GOVERNOR, FUEL INJECTION PUMP (MICO)

FIG. No. 4022

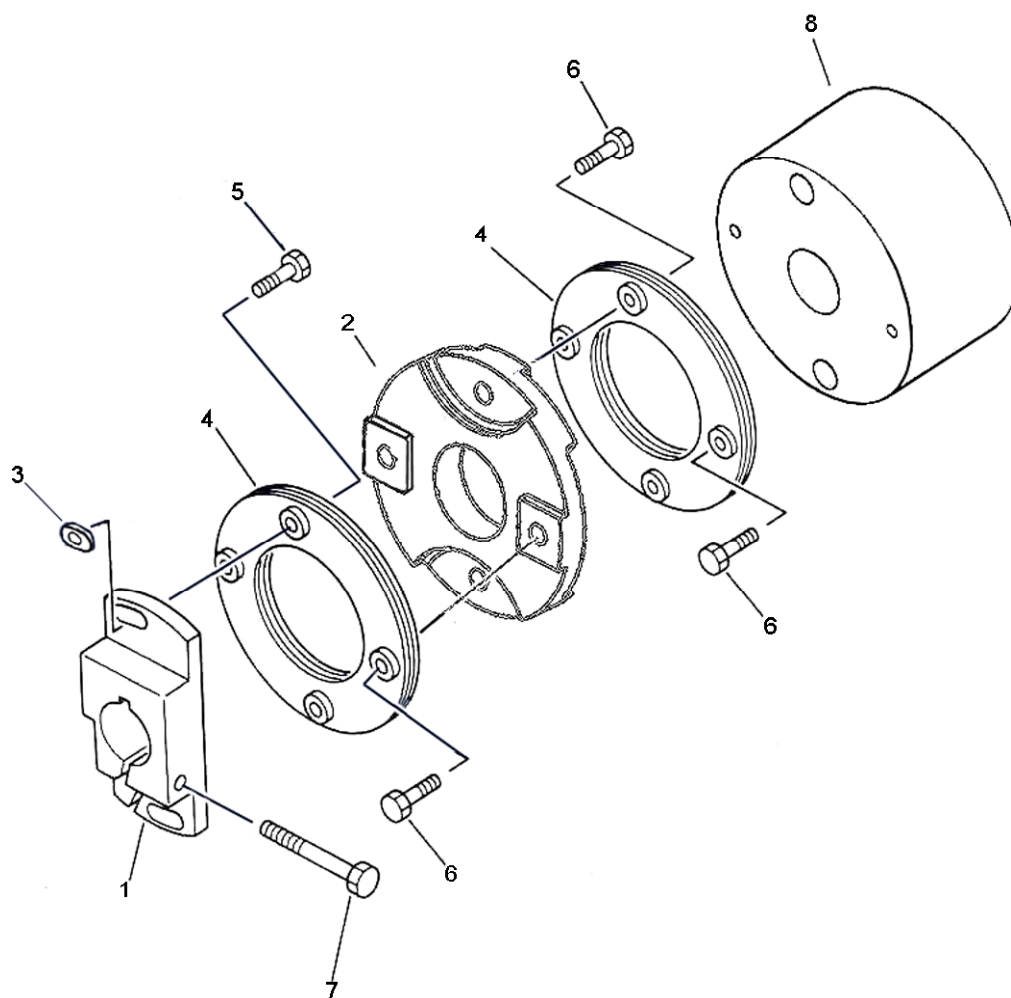
ITEM	PART NUMBER	NAME OF PART	QTY	ENGINE SL.No.
31	1 423 414 037	... ADJUSTING SCREW	1	Z302550001-
32	F 002 A21 325	.. BEARING BUSH	2	Z302550001-
33	1 420 210 028	.. O-RING	2	Z302550001-
34	2 420 050 011	.. FASTENING PLATE	2	Z302550001-
35	2 914 551 167	.. MICROENCAPSULATED	4	Z302550001-
	OR			
	2 914 551 192	.. SCREW	4	Z302550001-
36	2 424 650 008	.. GOVERNOR SPRING	1	Z302550001-
37	2 916 699 132	.. SPRING LOCK WASHER	1	Z302550001-
38	1 420 283 006	.. SHAFT SEALING RING	1	Z302550001-
	9 421 030 321	.. BUSH +	1	Z302550001-
39	1 422 003 026	.. CONTROL LEVER	1	Z302550001-
40	2 911 072 201	... HEXAGON SCREW	1	Z302550001-
41	2 911 062 196	.. HEXAGON SCREW	1	Z302550001-
42	1 420 500 005	.. CAP	1	Z302550001-
43	F 002 A20 886	.. STOP LEVER	1	Z302550001-
	2 916 710 603	.. FLAT SEAL RING FOR 24 +	1	Z302550001-
44	1 424 627 002	.. COMPRESSION SPRING	1	Z302550001-
45	2 420 210 012	.. O-RING	1	Z302550001-
46	2 423 457 002	.. BEARING BUSH	1	Z302550001-
47	2 420 500 037	.. SPRING RETAINER	1	Z302550001-
48	1 424 612 011	.. COMPRESSION SPRING	1	Z302550001-
49	1 423 020 030	.. SHAFT	1	Z302550001-
50	1 420 523 000	.. SPRING CAPSULE	1	Z302550001-
51	1 422 305 050	.. LINK FORK	1	Z302550001-
52	1 424 651 004	.. COILED SPRING	1	Z302550001-
53	1 421 322 010	.. RETAINING BRACKET	1	Z302550001-
54	1 424 626 000	.. COMPRESSION SPRING	1	Z302550001-
55	1 900 023 005	.. WOODRUFF KEY	1	Z302550001-
56	2 915 012 007	. HEXAGON NUT	1	Z302550001-
57		. MICROENCAPSULATED SCREW		Z302550001-
	2 914 552 158	TOP FOUR SCREWS	4	Z302550001-
	2 914 552 151	BOTTOM FOUR SCREWS	4	Z302550001-
58	1 428 194 041	. FLYWEIGHT ASSY	1	Z302550001-



GOVERNOR, FUEL INJECTION PUMP (MICO)

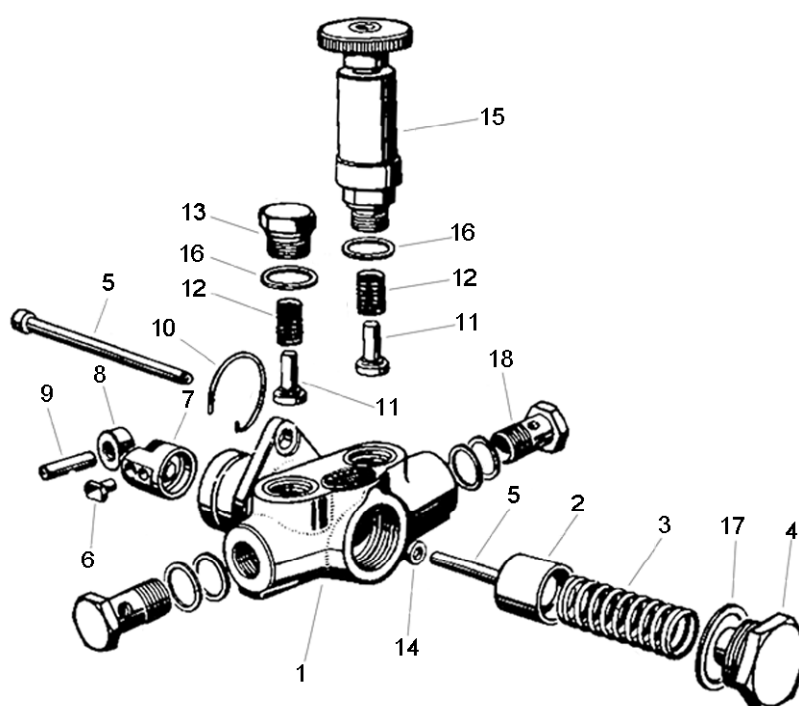
FIG. No. 4022

ITEM	PART NUMBER	NAME OF PART	QTY	ENGINE SL.No.
59	1 420 151 001	▪ SPRING WASHER	1	Z302550001-
60	1 423 341 034	▪ ROUND NUT	1	Z302550001-
61	1 424 650 056	▪ STARTING SPRING (WITH SLEEVE)	1	Z302550001-
	1 420 707 001	▪ SLEEVE FOR 61 +	2	Z302550001-
62	2 912 732 203	▪ SCREW -LOWER	4	Z302550001-
	OR			
	2 912 742 203	▪ SCREW -LOWER	4	Z302550001-
63	2 912 732 209	▪ SCREW - UPPER	2	Z302550001-
	OR			
	2 912 742 209	▪ SCREW - UPPER	2	Z302550001-
64	1 420 206 016	▪ SEALING RING	1	Z302550001-
65	1 421 038 013	▪ CLOSING COVER	1	Z302550001-
66	2 911 062 193	▪ HEXAGON SCREW	2	Z302550001-
67	2 911 182 193	▪ HEXAGON SCREW	2	Z302550001-
68	2 423 462 012	▪ SCREW PLUG	1	Z302550001-
69	2 916 710 618	▪ FLAT SEAL RING	1	Z302550001-
70	2 421 015 058	▪ GASKET	1	Z302550001-
71	1 421 015 081	▪ GASKET	1	Z302550001-
72	9 421 033 447	▪ THROTTLE SCREW	1	Z302550001-
73	9 421 033 448	▪ ADAPTER	1	Z302550001-
74	2 916 710 607	▪ FLAT SEAL RING	2	Z302550001-
75	9 421 033 314	▪ INLET UNION	1	Z302550001-
		+ PARTS NOT ILLUSTRATED		



COUPLING ASSEMBLY, FUEL INJECTION PUMP**FIG. No. 4023**

ITEM	PART NUMBER	NAME OF PART	QTY	ENGINE SL.No.
	(31Z7102143)	FUEL INJECTION PUMP ASS'Y	1	Z302550001-
	31Z7182261	• COUPLING ASSY.	1	Z302550001-
1	30Z7111786	•• FLANGE, COUPLING	1	Z302550001-
2	30Z7111778	•• COUPLING, DISC	1	Z302550001-
3	42Z7112813	•• NUT, COUPLING	2	Z302550001-
4	30Z7181762	•• FLEX PLATE ASSEMBLY	2	Z302550001-
5	CFB01-21030	•• BOLT	2	Z302550001-
6	CFB01-21025	•• BOLT	6	Z302550001-
7	CFB01-21250	•• BOLT	1	Z302550001-
8	30Z7111753	•• BLOCK, COUPLING	1	Z302550001-

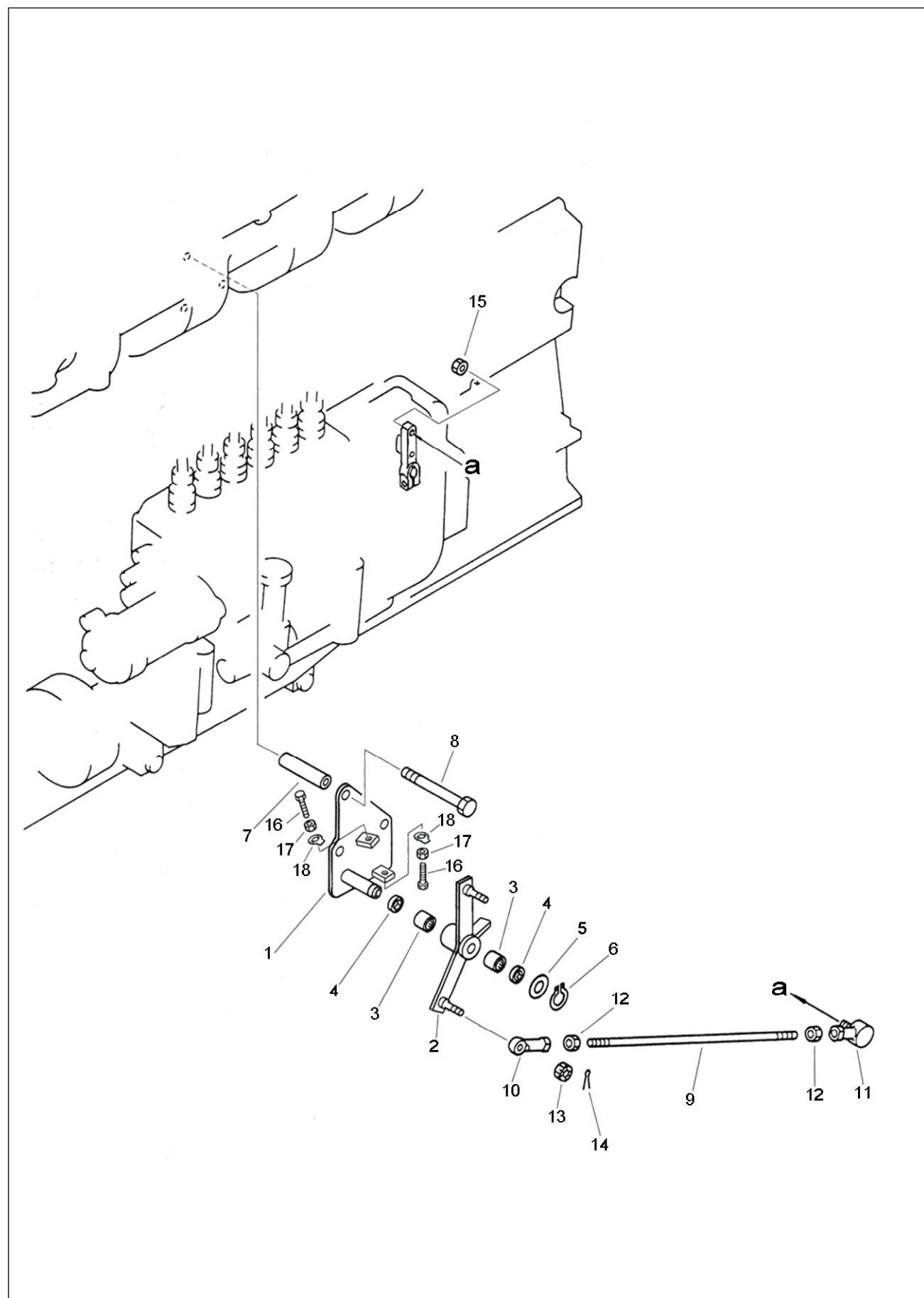


FEED PUMP, FUEL INJECTION PUMP (MICO)
FIG. No. 4024

ITEM	PART NUMBER	NAME OF PART	QTY	ENGINE SL.No.
	(31Z7102143)	INJECTION PUMP ASSY.(MICO)		Z302550001-
	0 440 008 029	FEED PUMP ASSY.	1	Z302550001-
	MICO PART Nos.			
1	(*)	▪ HOUSING	1	Z302550001-
2	2 440 520 022	▪ FEED PUMP PLUNGER	1	Z302550001-
3	2 444 617 010	▪ COMPRESSION SPRING	1	Z302550001-
4	2 443 462 031	▪ CLOSING PLUG	1	Z302550001-
5	1 443 100 501	▪ PRESSURE SPINDLE	1	Z302550001-
6	2 443 120 008	▪ SLIDER	2	Z302550001-
7	2 442 120 013	▪ ROLLER TAPPET	1	Z302550001-
8	2 440 200 002	▪ ROLLER	1	Z302550001-
9	2 443 200 011	▪ ROLLER PIN	1	Z302550001-
10	2 444 601 000	▪ RETAINER	1	Z302550001-
11	2 443 203 001	▪ VALVE	2	Z302550001-
12	2 444 615 006	▪ SPRING	2	Z302550001-
13	2 443 462 009	▪ SCREW PLUG	1	Z302550001-
14	1 900 210 100	▪ O-RING	1	Z302550001-
15	2 447 222 125	▪ HAND PRIMER	1	Z302550001-
16	1 230 203 001	▪ SEALING RING FOR 13 & 15	2	Z302550001-
17	2 440 105 000	▪ SEALING RING FOR 4	1	Z302550001-
18	2 443 456 900	▪ INLET - UNION SCREW	1	Z302550001-

FUEL CONTROL LEVER

FIG. No. 4070



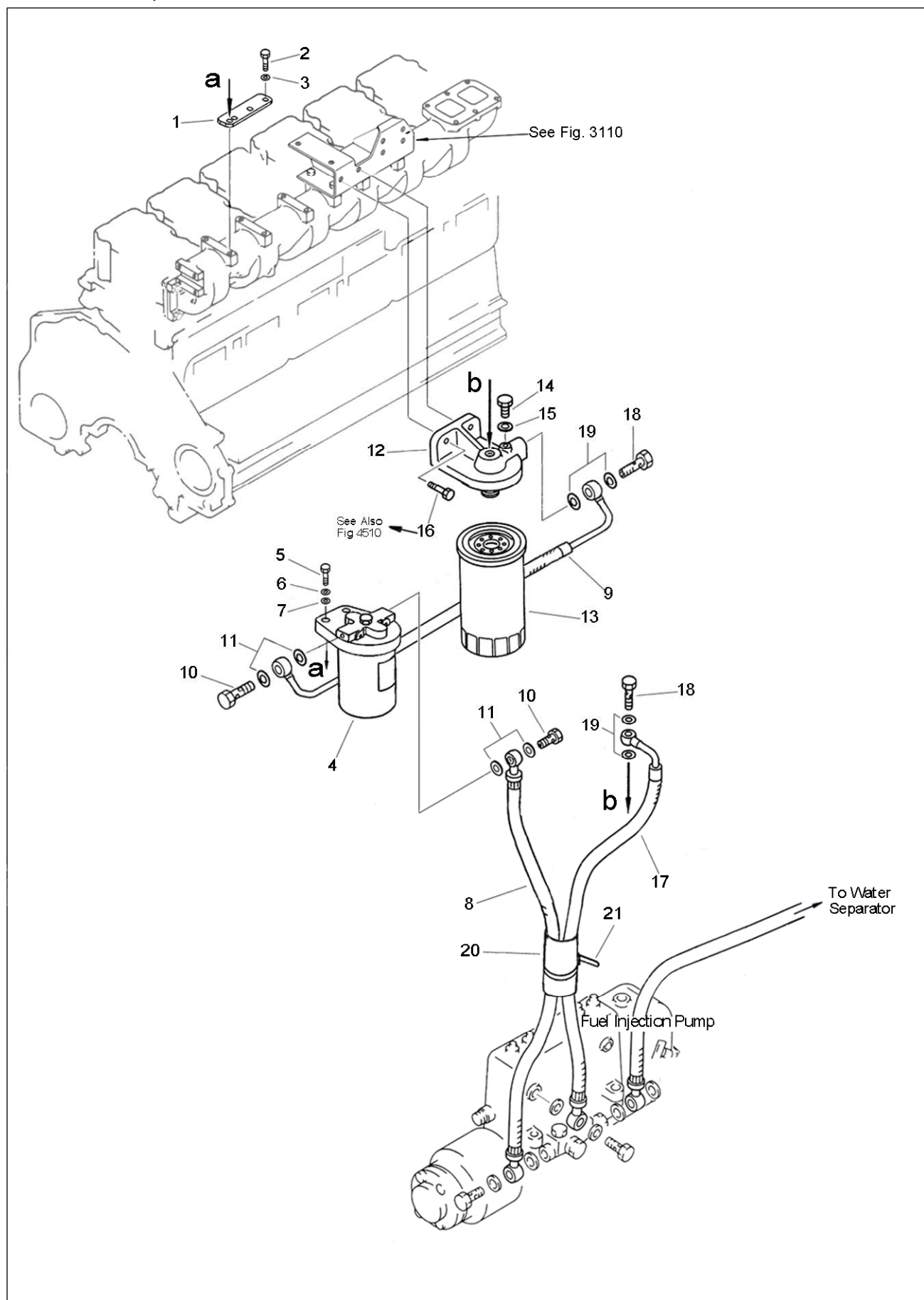
B6D125-1(BP41 / BD80 TA)

FUEL CONTROL LEVER**FIG. No. 4070**

ITEM	PART NUMBER	NAME OF PART	QTY	ENGINE SL.No.
	30Z7101652	LEVER ASSY.	1	Z302550001-
1	30Z7131728	▪ BRACKET	1	Z302550001-
2	30Z7131736	▪ LEVER	1	Z302550001-
3	06120-01612	▪ BEARING, NEEDLE	2	Z302550001-
4	06122-01603	▪ SEAL	2	Z302550001-
5	CFW02-11630	▪ WASHER	1	Z302550001-
6	CFL01-11610	▪ SNAP RING	1	Z302550001-
7	30Z7110132	COLLAR	3	Z302550001-
8	CFB02-21020	BOLT	3	Z302550001-
9	CFY12-40826	ROD	1	Z302550001-
10	04250-50847	ROD END	1	Z302550001-
11	04256-40818	BALL JOINT	1	Z302550001-
12	CFN01-20868	NUT	2	Z302550001-
13	01590-10809	NUT	1	Z302550001-
14	CFP01-02016	PIN	1	Z302550001-
15	CFN01-20868	NUT	1	Z302550001-
16	CFS01-21050	SCREW	2	Z302550001-
17	CFN01-21084	NUT	2	Z302550001-
18	CFW07-11026	LOCK WASHER	2	Z302550001-

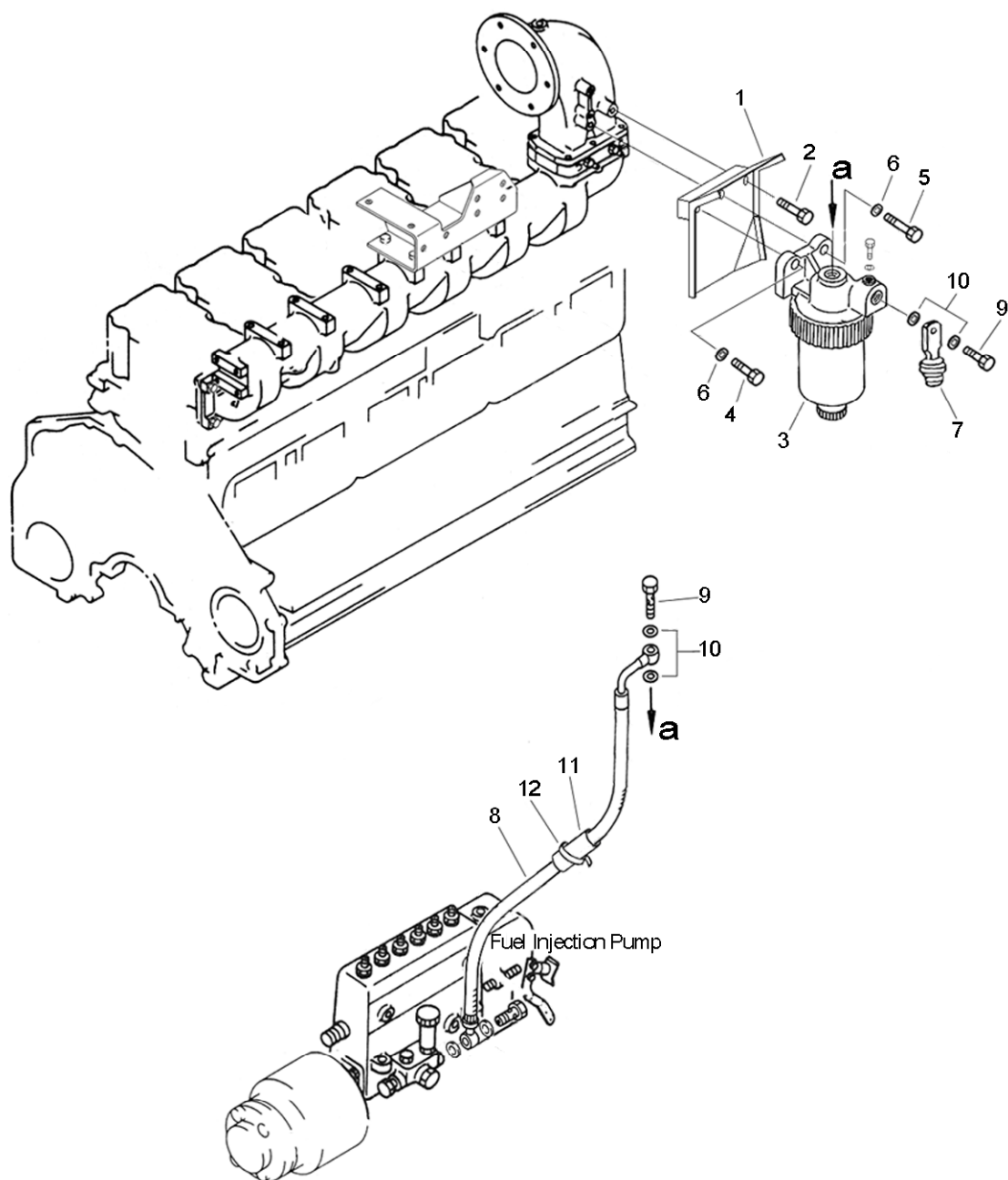
FUEL FILTER, PRE-FILTER & PIPING

FIG. No. 4110



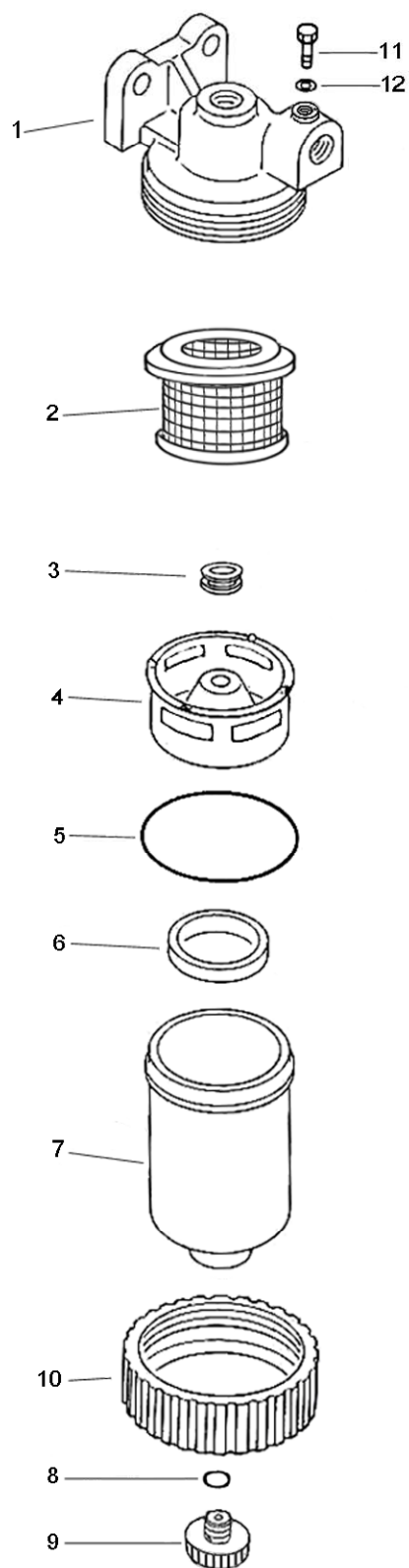
FUEL FILTER, PRE-FILTER & PIPING
FIG. No. 4110

ITEM	PART NUMBER	NAME OF PART	QTY	ENGINE SL.No.
1	30Z7131152	BRACKET	1	Z302550001-
2	CFB01-21030	BOLT	1	Z302550001-
3	CFW01-11030	WASHER, SPRING	1	Z302550001-
4	11Z7100222	PRE-FILTER, ASSY.	1	Z302550001-
	11Z7180235 KS	CARTRIDGE	1	Z302550001-
5	CFB01-21045	BOLT	2	Z302550001-
6	CFW01-11030	WASHER, SPRING	2	Z302550001-
7	CFW05-10032	WASHER	2	Z302550001-
8	07271-01465	HOSE	1	Z302550001-
9	30Z7161163	HOSE	1	Z302550001-
10	CPF12-11014	BOLT, JOINT	2	Z302550001-
11	CPF06-01412 K2	GASKET	4	Z302550001-
	30Z7180377	FILTER, FUEL ASSY.	1	Z302550001-
12	30Z7120152	BRACKET, FUEL FILTER	1	Z302550001-
13	30Z7180369 KS	CARTRIDGE, FUEL FILTER	1	Z302550001-
14	30Z7110076	PLUG	1	Z302550001-
15	CPF06-00812 K2	GASKET	1	Z302550001-
16	CFB01-21065	BOLT	2	Z302550001-
17	30Z7180441	HOSE	1	Z302550001-
18	CPF12-11014	JOINT BOLT	2	Z302550001-
19	CPF06-01412 K2	GASKET	4	Z302550001-
20	51Z7193149	COVER	1	Z302550001-
21	08034-00823 K2	BAND	1	Z302550001-



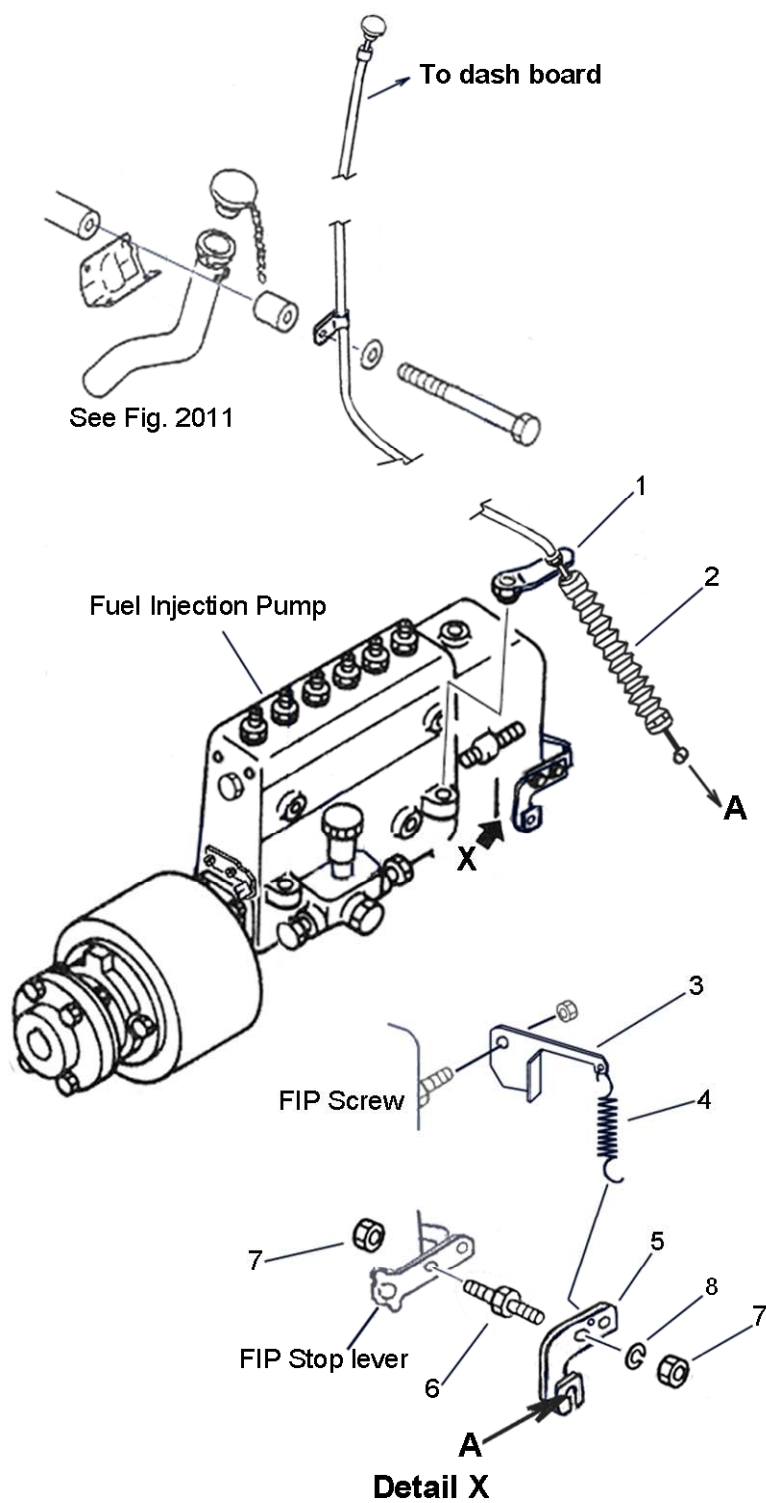
WATER SEPARATOR & MOUNTING**FIG. No. 4130**

ITEM	PART NUMBER	NAME OF PART	QTY	ENGINE SL.No.
1	30Z6130073	BRACKET	1	Z302550001-
2	CFB01-21040	BOLT	1	Z302550001-
3	30Z7181024	WATER SEPARATOR	1	Z302550001-
4	CFB01-21030	BOLT	1	Z302550001-
5	CFB01-21050	BOLT	1	Z302550001-
6	CFW02-11020	WASHER	2	Z302550001-
7	31Z7130226	JOINT	1	Z302550001-
8	30Z6180529	HOSE	1	Z302550001-
9	CPF12-11014	BOLT, JOINT	2	Z302550001-
10	CPF06-01412 K2	GASKET	4	Z302550001-
11	51Z7193149	COVER	1	Z302550001-
12	08034-00823	BAND	1	Z302550001-



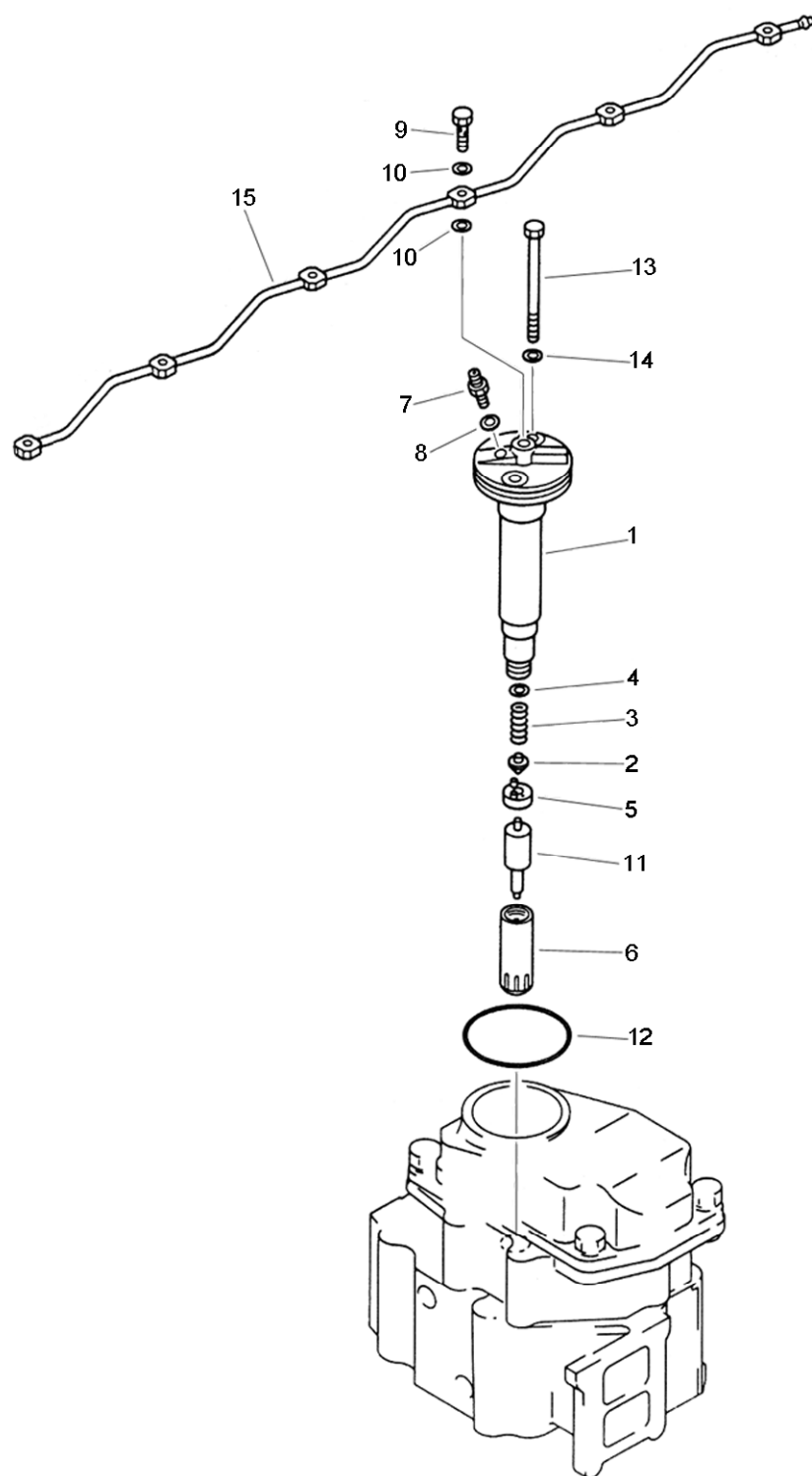
WATER SEPARATOR**FIG. No. 4131**

ITEM	PART NUMBER	NAME OF PART	QTY	ENGINE SL.No.
	30Z7181024	WATER SEPARATOR ASSY.	1	Z302550001-
	30Z7181032	▪ HEAD	1	Z302550001-
1	(*30Z7100964)	▪ BODY ASSY.	1	Z302550001-
2	30Z7181008	.. SCREEN	1	Z302550001-
3	30Z7181065	.. GASKET	1	Z302550001-
4	30Z7181057	.. HOLDER	1	Z302550001-
5	30Z7180977	.. O RING	1	Z302550001-
6	30Z7180993	.. FLOAT	1	Z302550001-
7	30Z7181049	.. BODY	1	Z302550001-
8	30Z7181016	.. O-RING	1	Z302550001-
9	30Z7181081	.. PLUG	1	Z302550001-
10	30Z7180952	▪ NUT,RING	1	Z302550001-
11	30Z7110076	▪ PLUG	1	Z302550001-
12	CPF06-00812 K2	▪ GASKET	1	Z302550001-



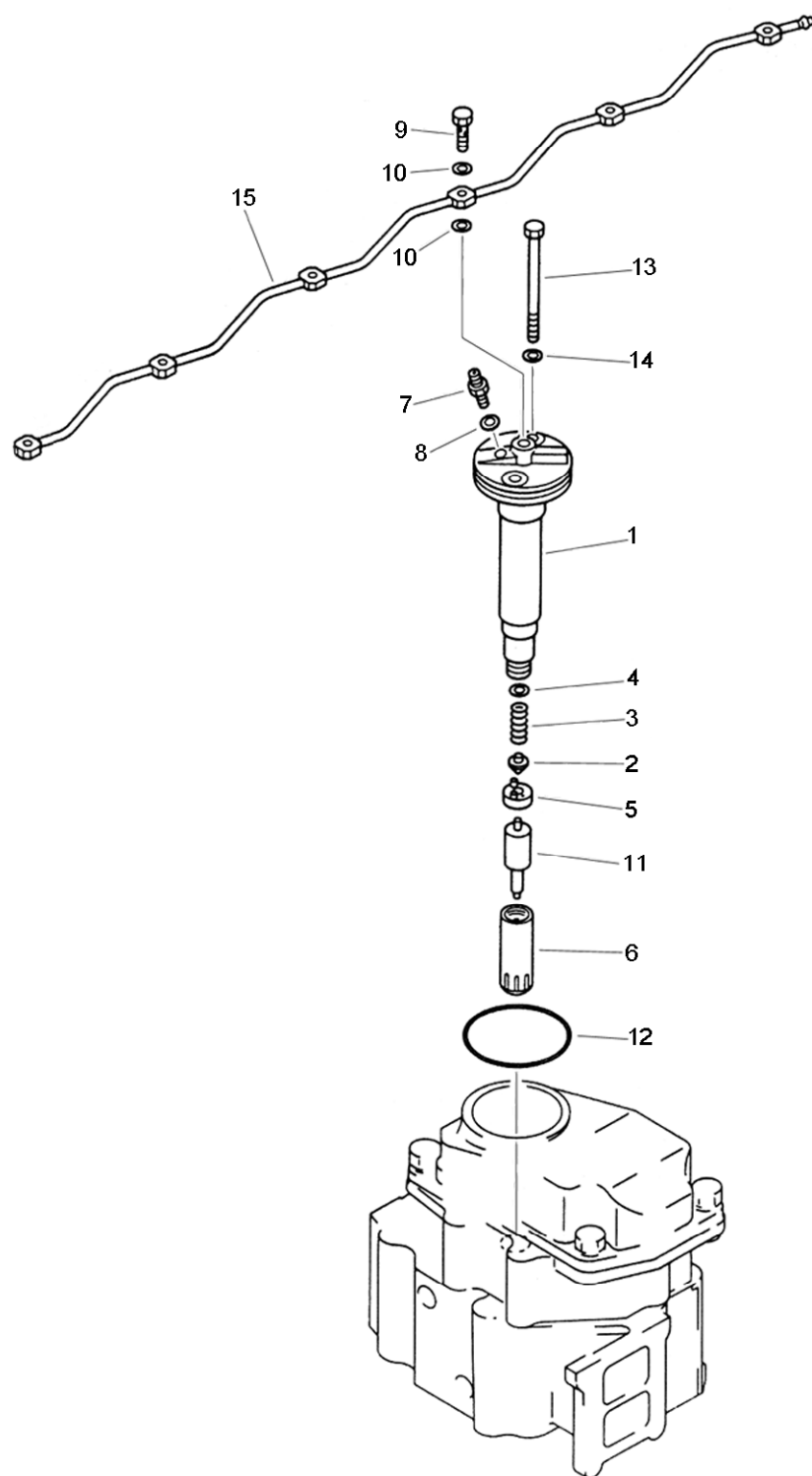
ENGINE STOP SYSTEM**FIG. No. 4140**

ITEM	PART NUMBER	NAME OF PART	QTY	ENGINE SL.No.
1	30Z7131882	BRACKET, CABLE MOUNTING	1	Z302550001-
2	30Z7101871	STOP CABLE	1	Z302550001-
3	30Z7131696	PLATE, SPRING	1	Z302550001-
4	30Z7111818	RETURN, SPRING	1	Z302550001-
5	30Z7131688	PLATE, STOP LEVER	1	Z302550001-
6	30Z7111826	STUD	2	Z302550001-
7	CFN01-20868	NUT	2	Z302550001-
8	CFW01-10825	WASHER, SPRING	2	Z302550001-



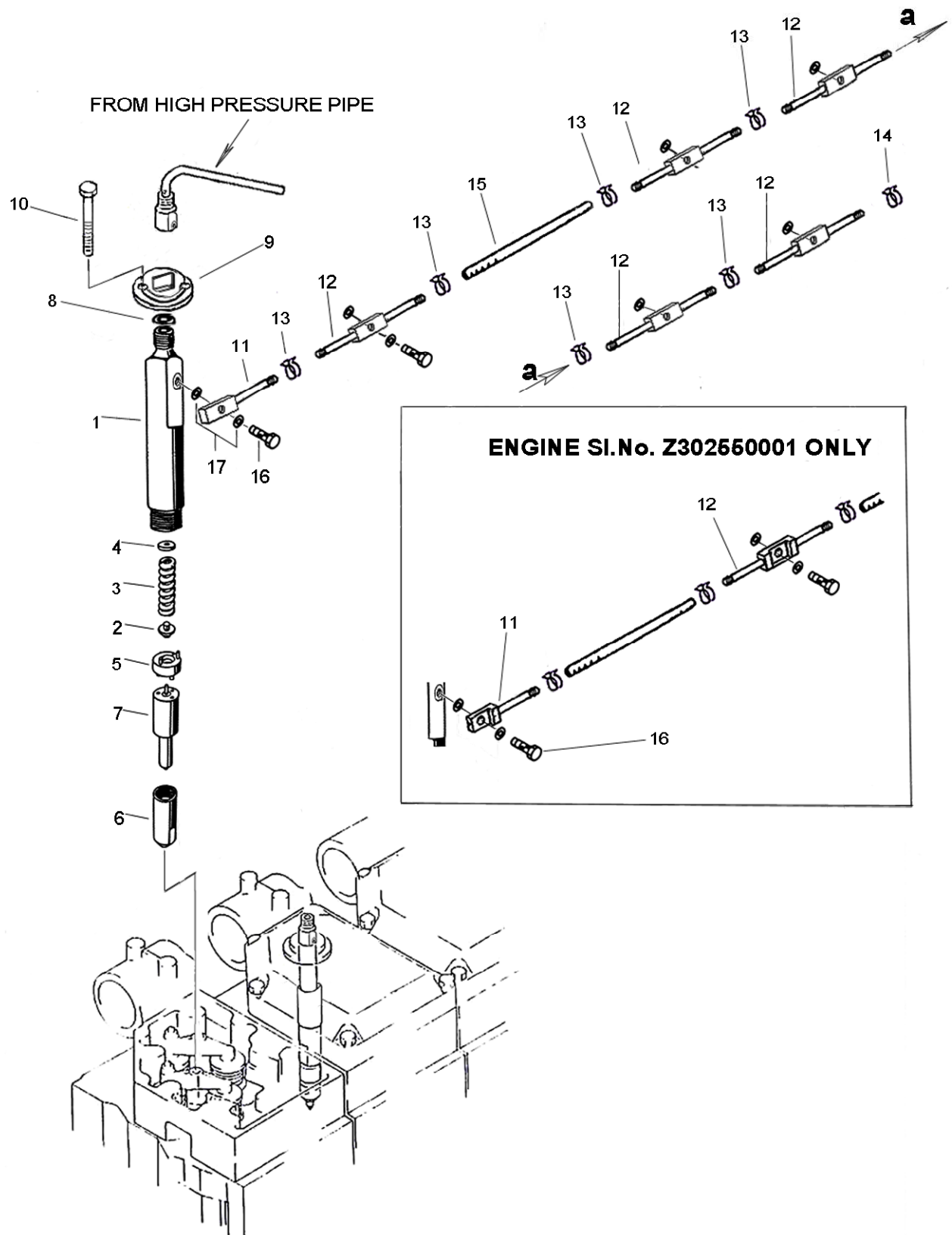
NOZZLE, FUEL INJECTION
FIG. No. 4210

ITEM	PART NUMBER	NAME OF PART	QTY	ENGINE SL.No.
	30Z7180011	NOZZLE HOLDER ASSY.	6	Z302550001-
	30Z7180393	. NOZZLE HOLDER BODY ASSY.	1	Z302550001-
1	30Z7180539	.. BODY, NOZZLE HOLDER	1	Z302550001-
2	30Z7180547	.. PIN, PRESSURE	1	Z302550001-
3	30Z7180555	.. SPRING, PRESSURE	1	Z302550001-
4	30Z7180563	.. SHIM, 0.7 MM	AR	Z302550001-
4	30Z7180571	.. SHIM, 0.725 MM	AR	Z302550001-
4	30Z7180588	.. SHIM, 0.75 MM	AR	Z302550001-
4	30Z7180596	.. SHIM, 0.775 MM	AR	Z302550001-
4	30Z7180603	.. SHIM, 0.8 MM	AR	Z302550001-
4	30Z7180611	.. SHIM, 0.825 MM	AR	Z302550001-
4	30Z7180758	.. SHIM, 0.85 MM	AR	Z302550001-
4	30Z7180628	.. SHIM, 0.875 MM	AR	Z302550001-
4	30Z7180766	.. SHIM, 0.90 MM	AR	Z302550001-
4	30Z7180636	.. SHIM, 0.925 MM	AR	Z302550001-
4	30Z7180774	.. SHIM, 0.95 MM	AR	Z302550001-
4	30Z7180644	.. SHIM, 0.975 MM	AR	Z302550001-
4	30Z7180782	.. SHIM, 1.00 MM	AR	Z302550001-
4	30Z7180652	.. SHIM, 1.025 MM	AR	Z302550001-
4	30Z7180799	.. SHIM, 1.05 MM	AR	Z302550001-
4	30Z7180669	.. SHIM, 1.075 MM	AR	Z302550001-
4	30Z7180806	.. SHIM, 1.10 MM	AR	Z302550001-
4	30Z7180677	.. SHIM, 1.125 MM	AR	Z302550001-
4	30Z7180814	.. SHIM, 1.15 MM	AR	Z302550001-
4	30Z7180685	.. SHIM, 1.175 MM	AR	Z302550001-
4	30Z7180822	.. SHIM, 1.20 MM	AR	Z302550001-
4	30Z7180693	.. SHIM, 1.225 MM	AR	Z302550001-
4	30Z7180839	.. SHIM, 1.25 MM	AR	Z302550001-
4	30Z7180709	.. SHIM, 1.275 MM	AR	Z302550001-
4	30Z7180847	.. SHIM, 1.30 MM	AR	Z302550001-
4	30Z7180717	.. SHIM, 1.325 MM	AR	Z302550001-
4	30Z7180855	.. SHIM, 1.35 MM	AR	Z302550001-



NOZZLE, FUEL INJECTION**FIG. No. 4210**

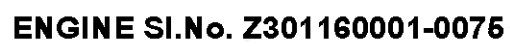
ITEM	PART NUMBER	NAME OF PART	QTY	ENGINE SL.No.
4	30Z7180725	.. SHIM, 1.375 MM	AR	Z302550001-
4	30Z7180863	.. SHIM, 1.40 MM	AR	Z302550001-
4	30Z7180733	.. SHIM, 1.425 MM	AR	Z302550001-
4	30Z7180871	.. SHIM, 1.45 MM	AR	Z302550001-
4	30Z7180741	.. SHIM, 1.475 MM	AR	Z302550001-
4	30Z7180888	.. SHIM, 1.50 MM	AR	Z302550001-
5	30Z7180896	.. PACKING	1	Z302550001-
6	30Z7180903	.. NUT, RETAINING	1	Z302550001-
7	30Z7180911	.. CONNECTOR, INLET	1	Z302550001-
8	30Z7180928	.. GASKET	1	Z302550001-
9	30Z7180936	.. SCREW	1	Z302550001-
10	CPF06-00812 K1	.. GASKET	2	Z302550001-
11	30Z7180409	. NOZZLE	1	Z302550001-
12	07000-65065 K1	O-RING	6	Z302550001-
13	CFB02-21045	BOLT	12	Z302550001-
14	CPF06-01012 K1	GASKET	12	Z302550001-
15	30Z7130245	TUBE	1	Z302550001-



NOZZLE, FUEL INJECTION (MICO)
FIG. No. 4211

ITEM	PART NUMBER	NAME OF PART	QTY	ENGINE SL.No.
	30Z7111891	NOZZLE HOLDER ASSY.	6	Z302550002-
	30Z7111907	▪ NOZZLE HOLDER SUBASSY.	1	Z302550002-
1	30Z7111915	▪ NOZZLE HOLDER	1	Z302550002-
2	30Z7180547	.. PIN, PRESSURE	1	Z302550002-
3	30Z7180555	.. SPRING, PRESSURE	1	Z302550002-
4	(*)	▪ SHIM	AR	Z302550001-
5	9431030198	▪ DISTANCE PIECE	1	Z302550001-
6	30Z7180903	▪ NOZZLE RETAINING NUT	1	Z302550001-
7	30Z7180409	▪ NOZZLE	1	Z302550001
7	30Z7111923	▪ NOZZLE	1	Z302550002-
8	30Z7161933	O-RING	6	Z302550001-
9	30Z7111948	SLEEVE INJECTOR	1	Z302550001-
10	CFB02-21045	BOLT	12	Z302550001-
11	51Z7134156	SPIRLL TUBE	1	Z302550001
11	51Z7135363	SPIRLL TUBE	1	Z302550002-
12	51Z7134164	SPIRLL TUBE	5	Z302550001
12	51Z7135355	SPIRLL TUBE	5	Z302550002-
13	07285-00080	CLIP	11	Z302550001-
14	31Z6190173	CLIP	1	Z302550001-
15	07270-00509	SPIRLL HOSE	5	Z302550001-
16	9431033422	BOLT	6	Z302550001
16	11Z7181889	BANJO BOLT	6	Z302550002-
17	CPF06-00612 K1	SEALING WASHER	12	Z302550001-

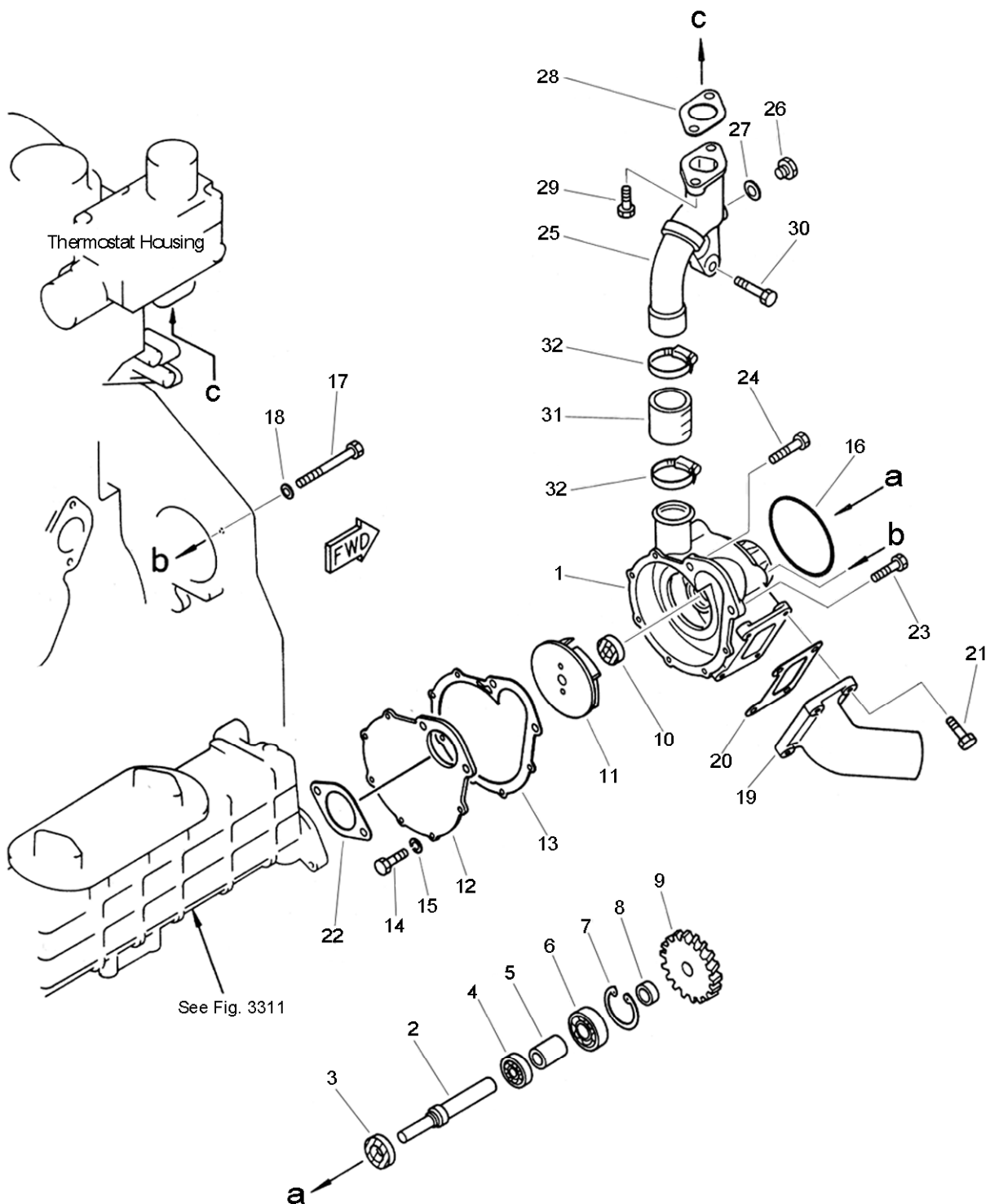
FIG. No. 4212



B6D125-1(BD80 NA)

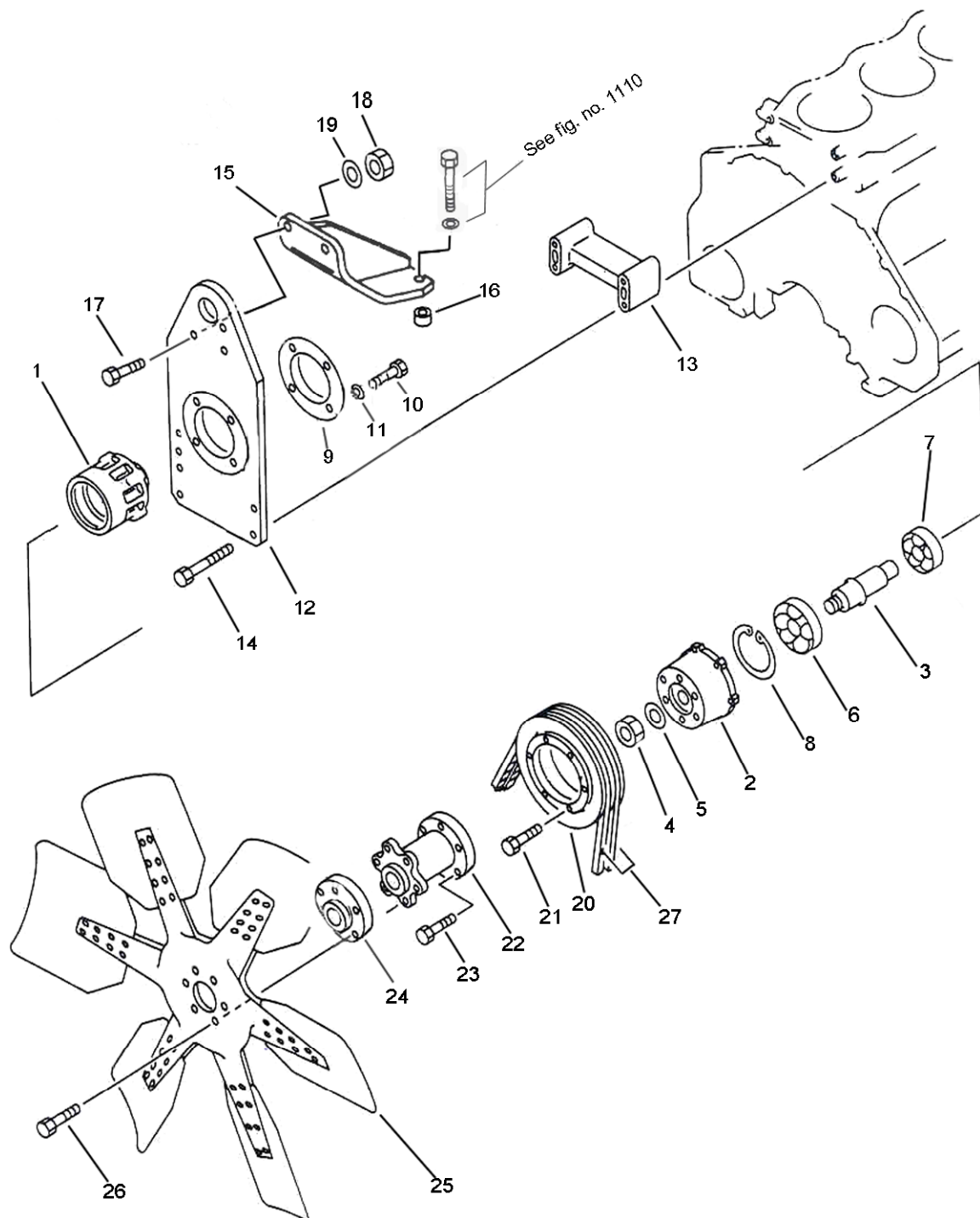
NOZZLE, FUEL INJECTION (MICO)
FIG. No. 4212

ITEM	PART NUMBER	NAME OF PART	QTY	ENGINE SL.No.
	30Z7111891	NOZZLE HOLDER ASSY.	6	Z301160001-075
	30Z7111907	▪ NOZZLE HOLDER SUBASSY.	1	Z301160076-
1	30Z7111915	▪ NOZZLE HOLDER	1	Z301160076-
2	30Z7180547	.. PIN, PRESSURE	1	Z301160001-
3	30Z7180555	.. SPRING, PRESSURE	1	Z301160001-
4	(*)	▪ SHIM	AR	Z301160001-
5	9431030198	▪ DISTANCE PIECE	1	Z301160001-
6	30Z7180903	▪ NOZZLE RETAINING NUT	1	Z301160001-
7	30Z7180409	▪ NOZZLE	1	Z301160001-075
7	30Z7111923	▪ NOZZLE	1	Z301160076-
8	30Z7161933	O-RING	6	Z301160001-
9	30Z7111948	SLEEVE INJECTOR	1	Z301160001-
10	CFB02-21045	BOLT	12	Z301160001-
11	51Z7134156	SPIRILL TUBE	1	Z301160001-075
11	51Z7135363	SPIRILL TUBE	1	Z301160076-
12	51Z7134164	SPIRILL TUBE	5	Z301160001-075
12	51Z7135355	SPIRILL TUBE	5	Z301160076-
13	07285-00080	CLIP	11	Z301160001-
14	31Z6190173	CLIP	1	Z301160001-
15	07270-00509	SPIRILL HOSE	5	Z301160001-
16	9431033422	BOLT	6	Z301160001-075
16	11Z7181889	BANJO BOLT	6	Z301160076-
17	CPF06-00612 K1	SEALING WASHER	12	Z301160076-



WATER PUMP**FIG. No. 5010**

ITEM	PART NUMBER	NAME OF PART	QTY	ENGINE SL.No.
	30Z6100013	WATER PUMP ASSY.	1	Z302550001-
1	30Z6140303	▪ BODY,WATER PUMP	1	Z302550001-
2	30Z6110122	▪ SHAFT, WATER PUMP	1	Z302550001-
3	30Z6180497 KW,K4	▪ OIL SEAL, WATER PUMP	1	Z302550001-
4	06030-06004 KW	▪ BEARING, BALL	1	Z302550001-
5	30Z6110139	▪ SPACER	1	Z302550001-
6	06030-06304 KW	▪ BEARING, BALL	1	Z302550001-
7	CFL02-15220 KW	▪ SNAP, RING	1	Z302550001-
8	30Z6110066	▪ SPACER	1	Z302550001-
9	30Z6150364	▪ GEAR, WATER PUMP	1	Z302550001-
10	41Z6180822 KW,K4	▪ SEAL, WATER PUMP	1	Z302550001-
11	30Z6140311	▪ IMPELLER, WATER PUMP	1	Z302550001-
12	30Z6110114	▪ COVER, WATER PUMP	1	Z302550001-
13	30Z6160384 KW,K4	▪ GASKET,WATER PUMP	1	Z302550001-
14	CFS01-30816	▪ SCREW	6	Z302550001-
15	CFW01-10825	▪ WASHER	6	Z302550001-
16	07000-62115 K4	O-RING	1	Z302550001-
17	CFB02-21010	BOLT	3	Z302550001-
18	CFW02-11020	WASHER	3	Z302550001-
19	31Z6140309	CONNECTOR	1	Z302550001-
20	30Z6170411 K4	GASKET	1	Z302550001-
21	01437-01025	BOLT	4	Z302550001-
22	30Z6270066 K4	GASKET	1	Z302550001-
23	CFB01-21035	BOLT	1	Z302550001-
24	CFB01-21035	BOLT	1	Z302550001-
25	30Z6140288	CONNECTOR	1	Z302550001-
26	30Z2110042	PLUG	1	Z302550001-
27	CPF06-01412 K4	GASKET	1	Z302550001-
28	30Z6170403 K1	GASKET	1	Z302550001-
29	CFB01-21030	BOLT	2	Z302550001-
30	CFB01-21040	BOLT	2	Z302550001-
31	30Z6180489	HOSE	1	Z302550001-
32	CCC01-07020	CLAMP	2	Z302550001-



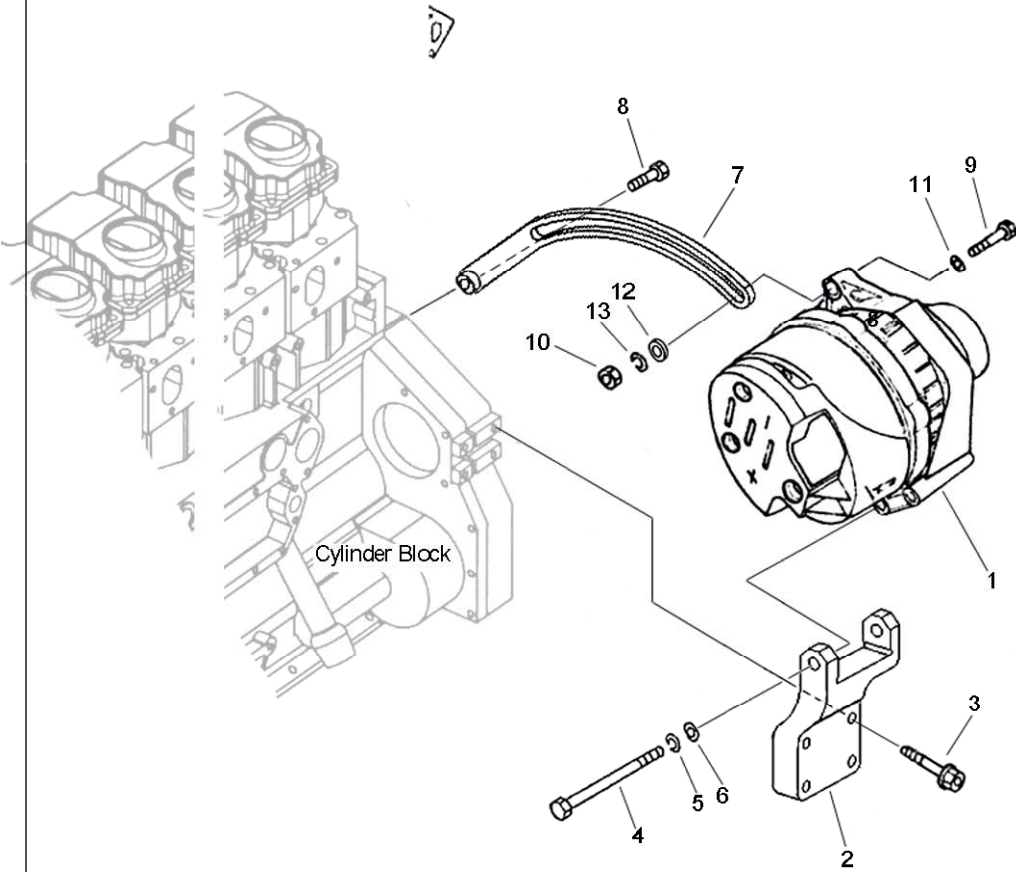
CASE ASSEMBLY, FAN DRIVE**FIG. No. 5110**

ITEM	PART NUMBER	NAME OF PART	QTY	ENGINE SL.No.
	30Z6100021	CASE ASSY., FAN DRIVE	1	Z302550001-
1	30Z6140336	▪ CASE	1	Z302550001-
2	30Z6140328	▪ HUB	1	Z302550001-
3	30Z6110147	▪ SHAFT	1	Z302550001-
4	CFN20-42414	▪ NUT	1	Z302550001-
5	CFW05-24060	▪ WASHER	1	Z302550001-
6	06037-06307	▪ BEARING, BALL	1	Z302550001-
7	06037-06206	▪ BEARING, BALL	1	Z302550001-
8	CFL02-18025	▪ SNAP RING	1	Z302550001-
9	30Z6110163	COVER	1	Z302550001-
10	CFB01-21030	BOLT	4	Z302550001-
11	CFW03-11020	WASHER, PLAIN	4	Z302550001-
12	30Z6110155	PLATE	1	Z302550001-
13	30Z6120183	SPACER	1	Z302550001-
14	CFB02-21015	BOLT	4	Z302550001-
15	30Z6130235	BRACKET	1	Z302550001-
16	30Z6110033	SPACER	2	Z302550001-
17	CFB01-21040	BOLT	2	Z302550001-
18	CFN01-21084	NUT	2	Z302550001-
19	CFW05-10032	WASHER	2	Z302550001-
20	30Z6140611	PULLEY	1	Z302550001-
21	CFB01-21030	BOLT	6	Z302550001-
22	30Z6140352	SPACER	1	Z302550001-
23	CFB01-21030	BOLT	6	Z302550001-
24	30Z6140433	SPACER, FAN	1	Z302550001-
25	30Z6180464	FAN	1	Z302550001-
26	CFB01-21050	BOLT	6	Z302550001-
27	04121-22273	V-BELT	1	Z302550001-



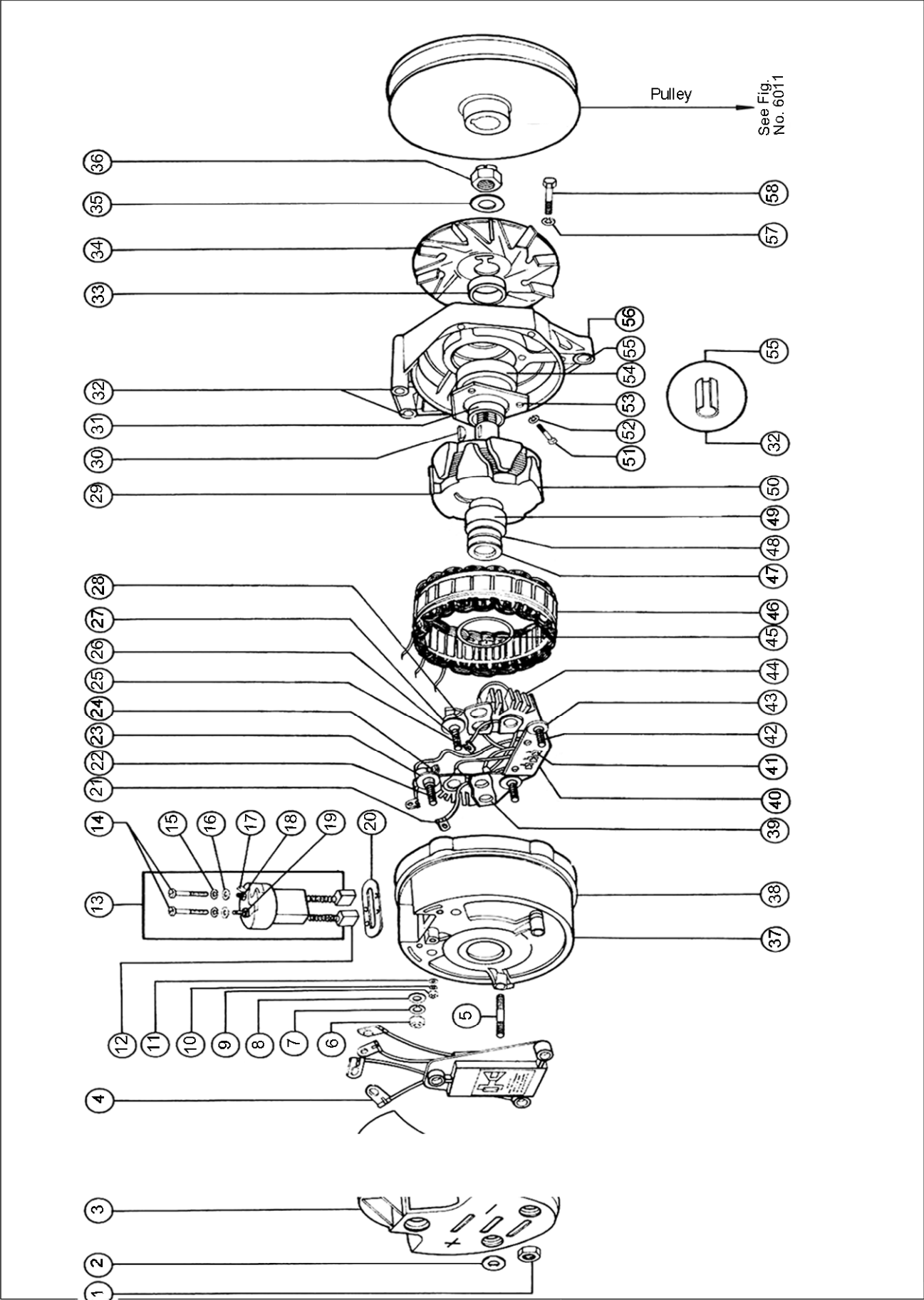
FIG. No. 5211

B6D125-1(BP41 / BD80 NA)



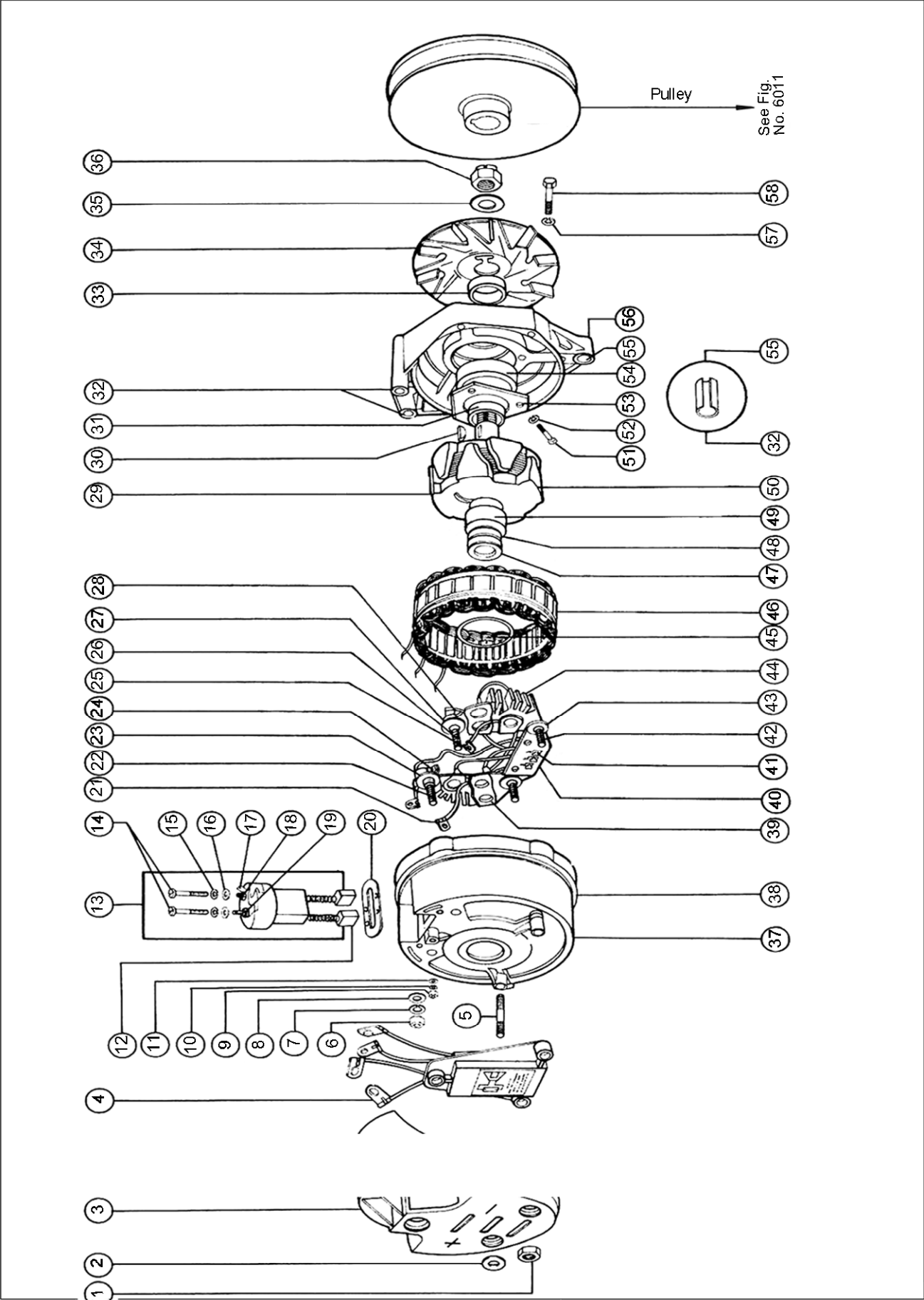
ALTERNATOR & MOUNTING (LUCAS TVS-30A)**FIG. No. 6010**

ITEM	PART NUMBER	NAME OF PART	QTY	ENGINE SL.No.
1	30Z8201795	ALTERNATOR ASSY.	1	Z302550001-
	51Z8280736	▪ ALTERNATOR (W/O PULLEY)	1	Z302550001-
	30Z8241769	▪ PULLEY	1	Z302550001-
2	30Z8211052	BRACKET	1	Z302550001-
3	30Z2310112	BOLT	4	Z302550001-
4	01011-61225	BOLT	1	Z302550001-
5	CFW01-11236	WASHER, SPRING	1	Z302550001-
6	CFW02-11225	WASHER	1	Z302550001-
7	30Z8211774	ADJUST PLATE	1	Z302550001-
8	CFB01-21090	BOLT	1	Z302550001-
9	CFB01-21055	BOLT	1	Z302550001-
10	CFN01-21084	NUT	1	Z302550001-
11	CFW02-11020	WASHER	1	Z302550001-
12	51Z8210638	WASHER	1	Z302550001-
13	CFW01-11030	WASHER,SPRING	1	Z302550001-



ALTERNATOR (LUCAS TVS 30A)**FIG. No. 6012**

ITEM	PART NUMBER	NAME OF PART	QTY	ENGINE SL.No.
	51Z8280736 (L-TVS P/No.)	ALTERNATOR (LUCAS-TVS 30A)	1	Z302550001-
1	261 302 87	• NUT FIXING STUD	3	Z302550001-
2	261 413 16	• SPRING WASHER	3	Z302550001-
3	9030-1765	• MOULDED COVER	1	Z302550001-
4	269 380 63A	• REGULATOR	1	Z302550001-
5	9030-1358	• FIXING STUD	3	Z302550001-
6	261 304 37	• NUT, POSITIVE TERMINAL	2	Z302550001-
7	261 403 94	• SPRING WASHER, POSITIVE TERM.	2	Z302550001-
8	261 402 47	• PLAIN WASHER, POS. TERM.	1	Z302550001-
9	261 301 07	• NUT, NEG. TERMINAL	2	Z302550001-
10	261 403 84	• SPRING WASHER	2	Z302550001-
11	261 401 37	• PLAIN WASHER, NEG. TER.	1	Z302550001-
12	9030-340	• BRUSH ASSY.	2	Z302550001-
13	9030-315 A	• BRUSH BOX ASSEMBLY	1	Z302550001-
14	261 002 16	• SCREW	1	Z302550001-
15	261 403 47	• SPRING WASHER	1	Z302550001-
16	261 400 97	• PLAIN WASHER	1	Z302550001-
17	9030-713 A	• INSULATOR	1	Z302550001-
18	261 300 77	• NUT, BRUSH TERMINAL	2	Z302550001-
19	261 440 96	• PLAIN WASHER	2	Z302550001-
20	9030-2040	• GASKET	1	Z302550001-
21	9030-1524	• LEAD ASSY. POSITIVE	1	Z302550001-
22	261 013 27	• TERMINAL, POSITIVE	1	Z302550001-
23	9030-1032 A	• INSULATOR WASHER	1	Z302550001-
24	9030-1518 A	• LOCATOR, POSITIVE TERM.	1	Z302550001-
25	9030-1510	• LEAD ASSY. NEGATIVE	1	Z302550001-
26	261 013 37	• TERMINAL, NEGATIVE	1	Z302550001-
27	9030-1032	• INSULATOR WASHER	1	Z302550001-
28	9030-1518	• LOCATOR, NEGATIVE	1	Z302550001-
29	9030-791	• ROTOR COIL	1	Z302550001-
30	NK 1-8	• KEY	1	Z302550001-

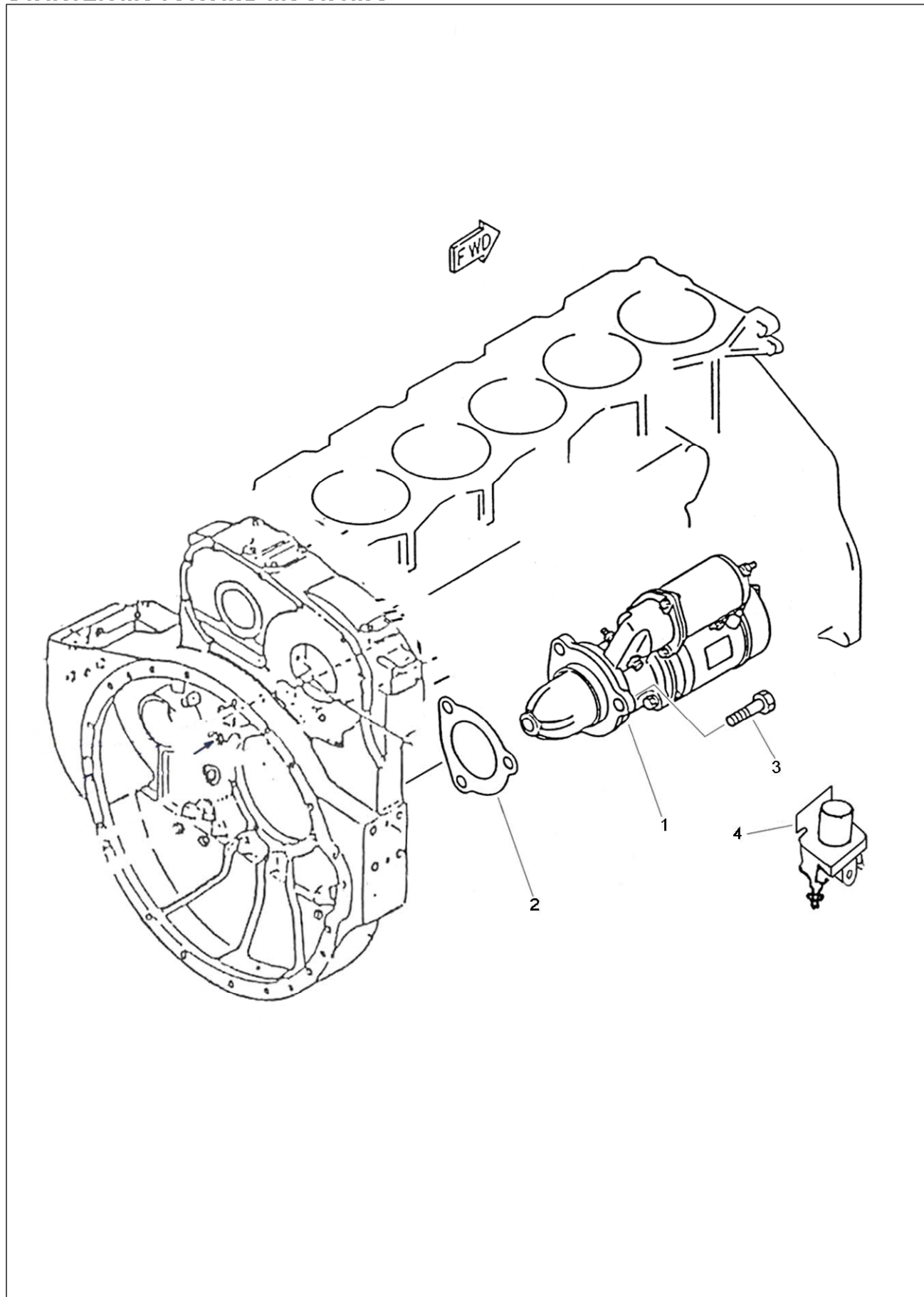


ALTERNATOR (LUCAS TVS 30A)**FIG. No. 6012**

ITEM	PART NUMBER	NAME OF PART	QTY	ENGINE SL.No.
31	9030-2079 A	▪ SPACER	1	Z302550001-
32	9030-1756	▪ INSERT DE. (TOP)	2	Z302550001-
33	9030-2136	▪ FAN SPACER	1	Z302550001-
34	9030-683	▪ FAN	1	Z302550001-
35	NW 1 39' Z1	▪ WASHER	1	Z302550001-
36	9030-330	▪ NUT, PULLEY	1	Z302550001-
37	9030-669	▪ INSULATOR	1	Z302550001-
38	9030-784 A	▪ SRE SHIELD	1	Z302550001-
39	9030-1938	▪ HEAT SINK ASSY. POSITIVE	1	Z302550001-
40	9030-1603 B	▪ HEAT SINK ASSY. AUX.	1	Z302550001-
41	9030-1799	▪ AUX. DIODE	1	Z302550001-
42	261 013 16	▪ SCREW	2	Z302550001-
43	9030-1398	▪ INSULATOR BUSH	2	Z302550001-
44	9030-1939	▪ HEAT SINK ASSY. NEGATIVE	1	Z302550001-
45	9030-1285 H	▪ O-RING	1	Z302550001-
46	9030-1391	▪ STARTER ASSY.	1	Z302550001-
47	9030-1513	▪ SLIP RING ASSY.	1	Z302550001-
48	5959'25	▪ CIRCLIP	1	Z302550001-
49	9030-1690	▪ BEARING, SRE	1	Z302550001-
50	9030-610	▪ ROTOR ASSY.	1	Z302550001-
51	261 012 96	▪ SCREW	3	Z302550001-
52	261 403 44	▪ SPRING WASHER	3	Z302550001-
53	9030-873	▪ CLAMP PLATE	1	Z302550001-
54	9030-1689	▪ BEARING, D.E	1	Z302550001-
55	9030-321	▪ INSERT	1	Z302550001-
56	9030-1688 D	▪ D.E. SHIELD	1	Z302550001-
57	261-403-84	▪ SPRING WASHER	3	Z302550001-
58	9030-382	▪ FIXING SCREW	3	Z302550001-

STARTER MOTOR AND MOUNTING

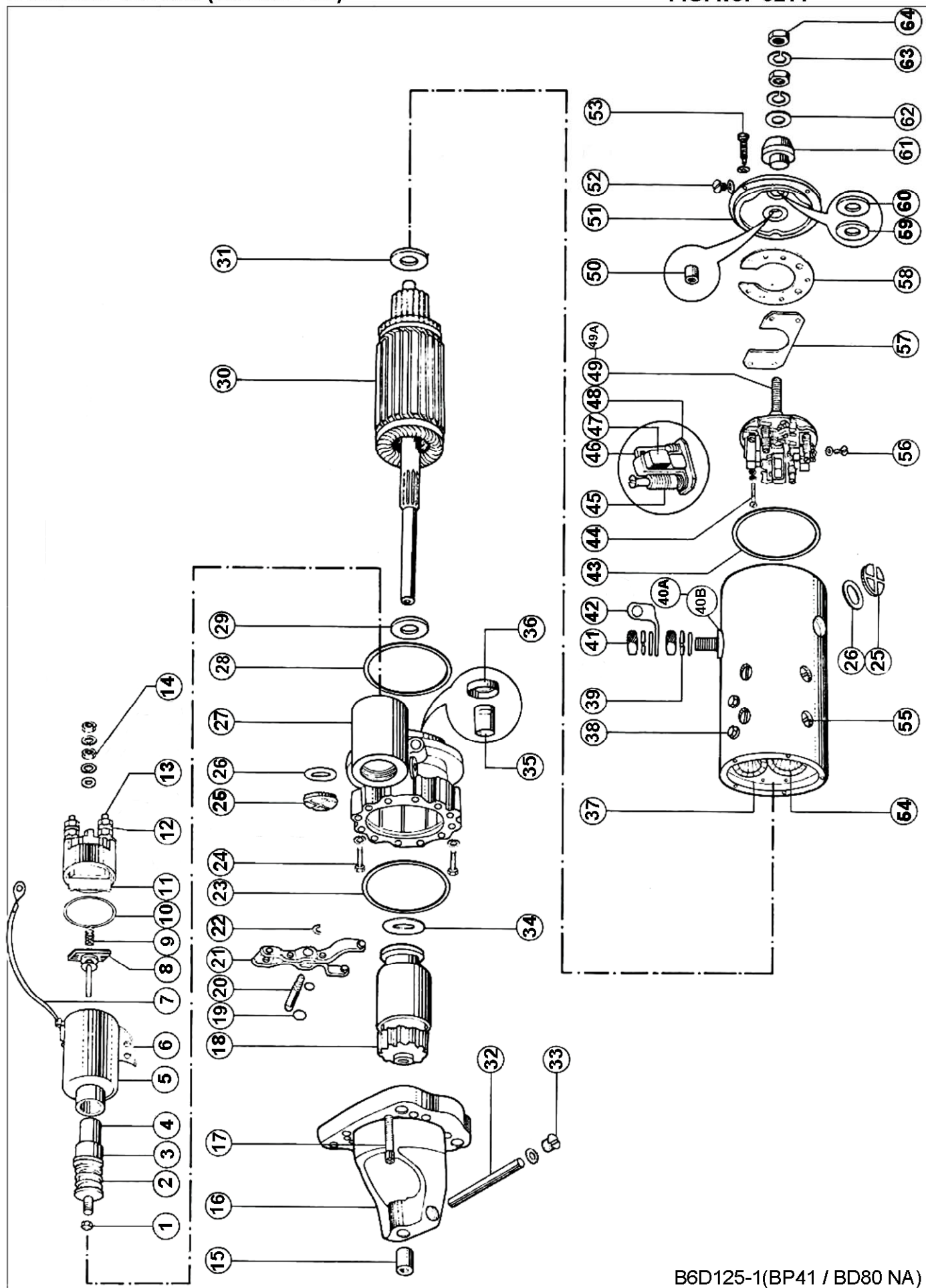
FIG. No. 6210



B6D125-1(BP41 / BD80 NA)

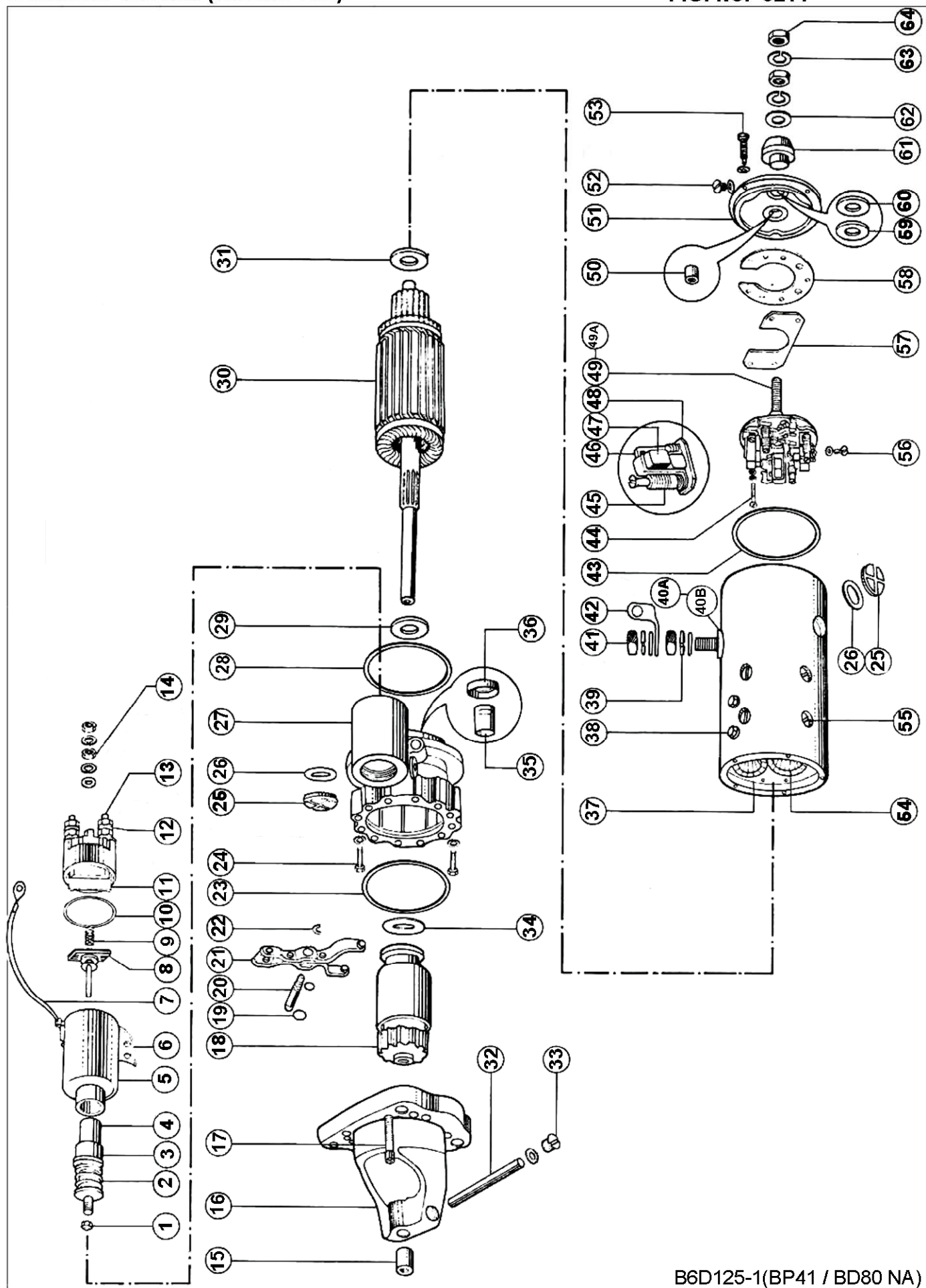
STARTER MOTOR & MOUNTING**FIG. No. 6210**

ITEM	PART NUMBER	NAME OF PART	QTY	ENGINE SL.No.
1	30Z8201827	STARTER(LUCAS TVS 11T) OR	1	Z302550001-
1	41Z8280804	STARTER (DELCO-REMY 11T)	1	Z302550001-
2	30Z8270078 K2	GASKET	1	Z302550001-
3	CFS01-31640	SCREW	3	Z302550001-
4	30Z8281061	SOLENOID 24V-4ST(L-TVS)	1	Z302550001-



STARTER MOTOR (LUCAS TVS)**FIG. No. 6211**

ITEM	PART NUMBER	NAME OF PART	QTY	ENGINE SL.No.
	30Z8281827 (LUCAS PT.No.)	STARTER MOTOR (LUCAS TVS, 11T)	1	Z302550001-
1	261 307 26	▪ NUT PLUNGER SHAFT	1	Z302550001-
2	266 403 67	▪ PLUNGER SPRING	1	Z302550001-
3	266 403 65	▪ SHROUD	1	Z302550001-
4	266 403 35	▪ PLUNGER ASSY.	1	Z302550001-
5	266 407 95	▪ BODY & WINDING ASSY.	1	Z302550001-
6	269 640 12B	▪ SOLENOID SWITCH (37 S)	1	Z302550001-
7	262 524 47	▪ SHUNT LEAD	1	Z302550001-
8	266 407 79	▪ SPINDLE & CONT.ASSY.	1	Z302550001-
9	266 406 80	▪ SPRING	1	Z302550001-
10	266 407 85	▪ SEAL(SOL)	1	Z302550001-
11	266 407 94	▪ TERMINAL BASE ASSY.	1	Z302550001-
12	261 307 47	▪ NUT	4	Z302550001-
13	266 404 73	▪ TERM.CONT.ASSY.	2	Z302550001-
14	261 301 17	▪ NUT	4	Z302550001-
15	262 521 00	▪ BEARING BUSH	1	Z302550001-
16	262 520 96	▪ MOUNTING FLANGE ASSY.	1	Z302550001-
17	261 015 56	▪ FIXING SCREW	6	Z302550001-
18	262 535 80	▪ DRIVE ASSY.	1	Z302550001-
19	9030-1285K	▪ O RING	1	Z302550001-
20	262 521 57	▪ PIVOT PIN	1	Z302550001-
21	262 521 27	▪ ENGAGING LEVER ASSY.	1	Z302550001-
22	267 111 81	▪ CIRCLIP	1	Z302550001-
23	262 527 73	▪ SEALING RING	1	Z302550001-
24	261 015 36	▪ FIXING SCREW D.E	6	Z302550001-
25	262 521 54	▪ SEALING PLUG	2	Z302550001-
26	262 521 55	▪ SEALING WASHER	6	Z302550001-
27	262 520 93	▪ D.E BRACKET	1	Z302550001-
28	262 524 25	▪ SEALING RING C.E	1	Z302550001-
29	262 521 41	▪ THRUST WASHER D.E	1	Z302550001-
30	262 530 68	▪ ARMATURE ASSY.	1	Z302550001-
31	262 521 43	▪ THRUST WASHER C.E	1	Z302550001-
32	262 521 68	▪ FELT CORD	AR	Z302550001-

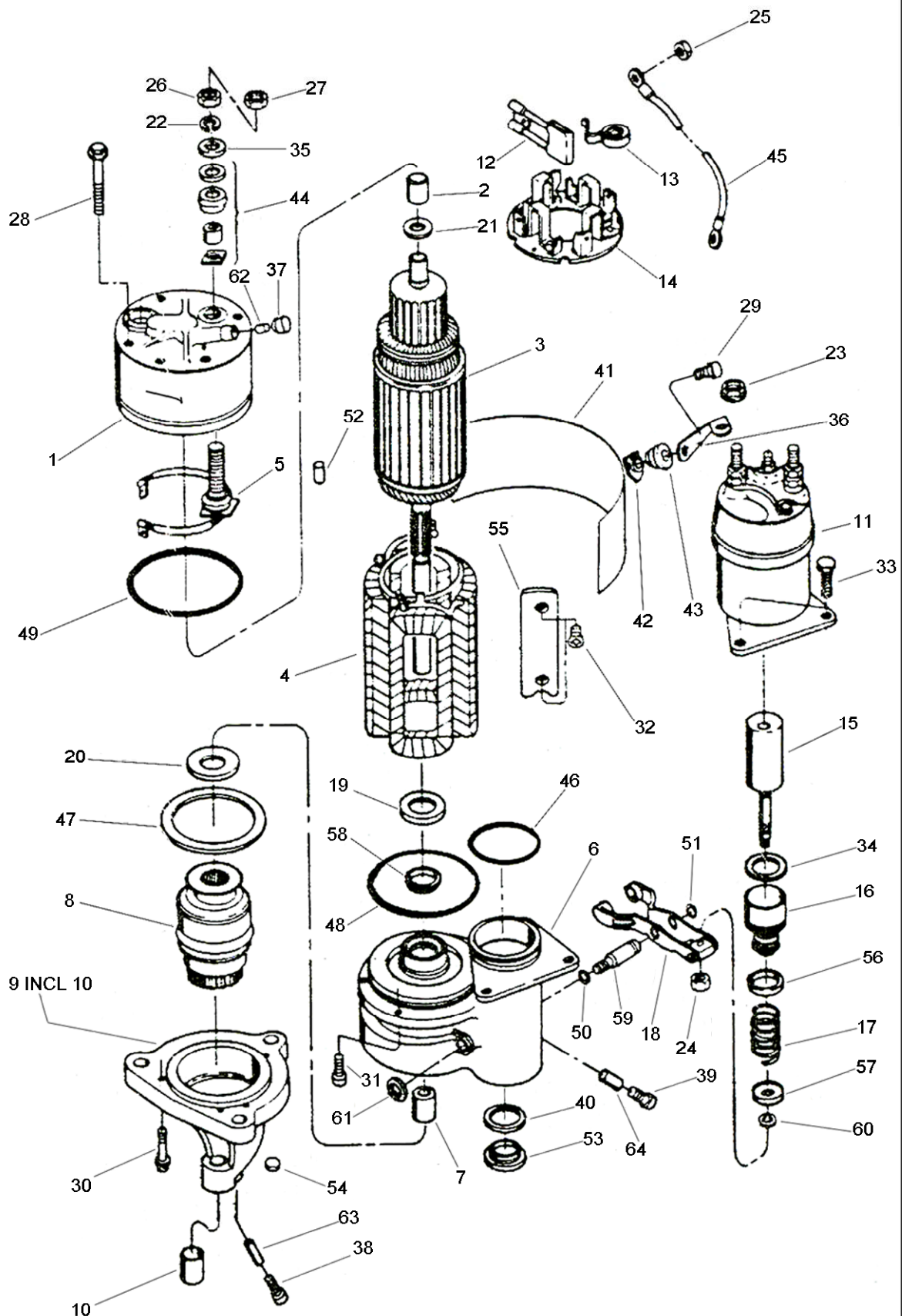


STARTER MOTOR (LUCAS TVS)**FIG. No. 6211**

ITEM	PART NUMBER	NAME OF PART	QTY	ENGINE SL.No.
33	9030-1958	• SCREW	1	Z302550001-
34	262 521 42	• STOP WASHER	1	Z302550001-
35	262 521 01	• BEARING BUSH D.E	1	Z302550001-
36	262 521 64	• OIL SEAL D.E	1	Z302550001-
37	262 538 59	• INSULATOR YOKE	1	Z302550001-
38	261 006 96	• SCREW(SOL.FXG)	4	Z302550001-
39	9030-167	• SPRING WASHER	2	Z302550001-
40A	262 521 61	• INSUL(BUSH)TOP	1	Z302550001-
40B	263 301 22	• INSUL(BUSH)BOTTOM	1	Z302550001-
41	261 307 47	• NUT	2	Z302550001-
42	262 539 05	• CONNECTOR	1	Z302550001-
43	262 524 25	• SEALING RING D.E	1	Z302550001-
44	261 005 86	• SCREW BR GEAR FXG	3	Z302550001-
45	262 521 62	• SPRING BRUSH	8	Z302550001-
46	262 521 06	• BRUSH HOLDER	4	Z302550001-
47	262 521 37	• BRUSH ASSY.	8	Z302550001-
48	262 521 09	• INSULATOR BR ASSY.	2	Z302550001-
49	262 521 53	• BRUSH GEAR RING ASSY.	1	Z302550001-
49A	262 538 21	• BRUSH CARRIER ASSY.	1	Z302550001-
50	262 521 02	• BEARING BUSH C.E	1	Z302550001-
51	262 521 05	• C.E.BRACKET ASSY.	1	Z302550001-
52	9030-1958	• SCREW	1	Z302550001-
53	261 015 36	• SCREW	4	Z302550001-
54	262 521 46	• FIELD OIL ASSY.	1	Z302550001-
55	9030-809	• POLE SCREW	8	Z302550001-
56	261 005 86	• SCREW	6	Z302550001-
57	262 524 50	• POSITIVE CONNECTOR	1	Z302550001-
58	262 521 08	• BRUSH GEAR CARRIER	1	Z302550001-
59	262 521 35	• SEALING WASHER	1	Z302550001-
60	262 537 05	• INSUL WASHER	1	Z302550001-
61	262 525 26	• INSUL BUSH	1	Z302550001-
62	261 404 09	• WASHER	1	Z302550001-
63	9030-167	• SPRING WASHER	2	Z302550001-
64	261 307 47	• NUT	2	Z302550001-

STARTER (DELCO-REMY - 42MT) (OPTIONAL)

FIG. No. 6212



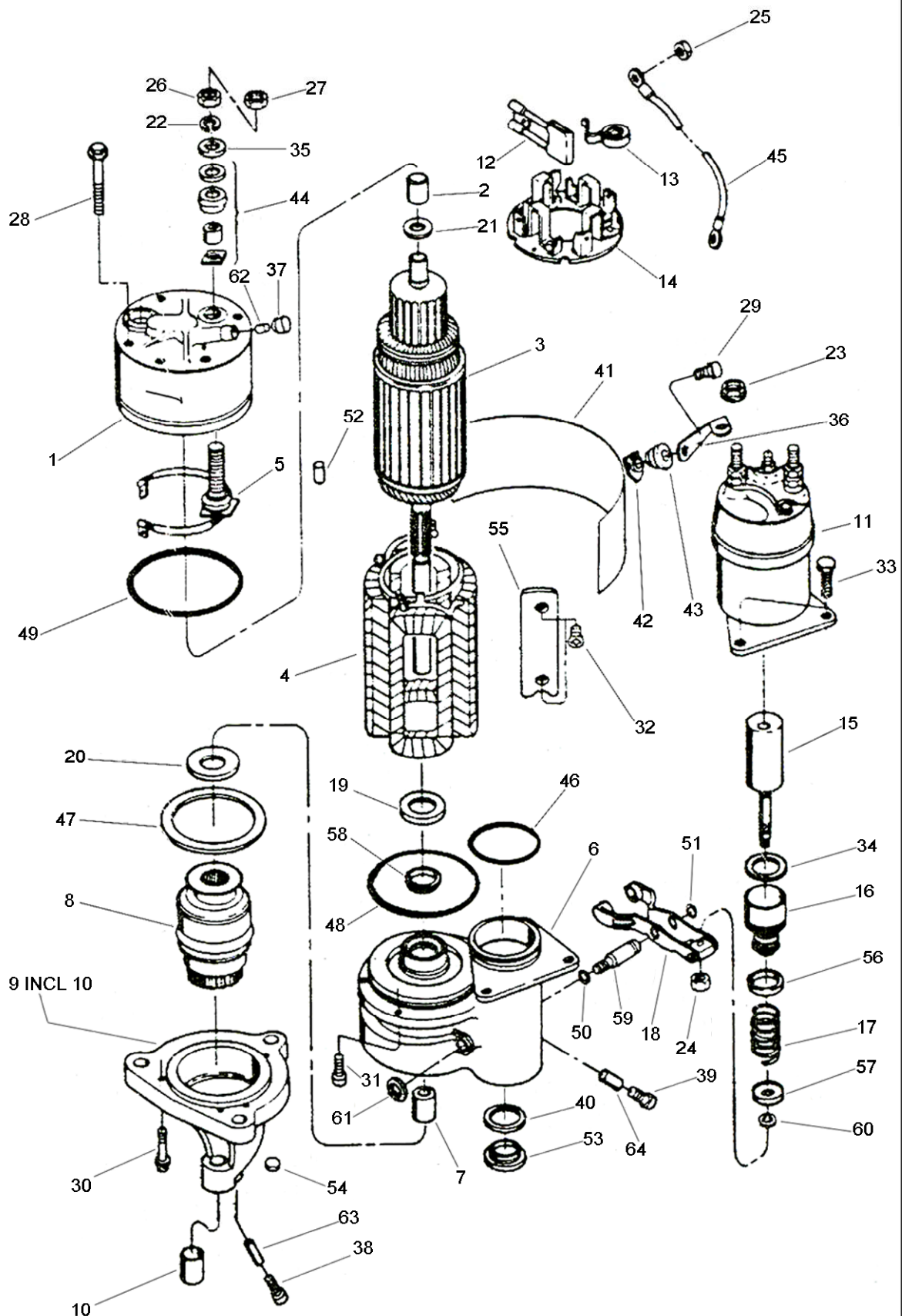
B6D125-1(BP41 / BD80 NA)

STARTER MOTOR (DELCO REMY- 42MT) (OPTIONAL)**FIG. No. 6212**

ITEM	PART NUMBER	NAME OF PART	QTY	ENGINE SL.No.
	30Z8281848 (DELCO-REMY P/No)	STARTER (12T DELCO-REMY, 11T)	1	Z302550001-
1	1988126	. FRAME - CE		Z302550001-
2	1943628	. BUSHING, CE FRAME		Z302550001-
3	1988435	. ARMATURE		Z302550001-
4	1988442	. FIELD COIL		Z302550001-
5	1988128	. LEAD, CE TERMINAL		Z302550001-
6	19476030	. HOUSING, LEVER		Z302550001-
7	1988096	. BUSHING, LEVER HOUSING		Z302550001-
8	1893560	. PINION GEAR		Z302550001-
9	1988137	. HOUSING, DRIVE		Z302550001-
10	1894635	. BUSHING, DRIVE HOUSING		Z302550001-
11	1115663	. SWITCH		Z302550001-
12	1852894	. BRUSH		Z302550001-
13	1985314	. SPRING, BRUSH		Z302550001-
14	1988439	. BRUSH PLATE ASM		Z302550001-
15	1988140	. PLUNGER		Z302550001-
16	1985243	. BOOT		Z302550001-
17	1948521	. SPRING, PLUNGER		Z302550001-
18	1988097	. LEVER, SHIFT		Z302550001-
19	1936466	. WASHER, SPACE DE		Z302550001-
20	1911644	. WASHER, BRAKE		Z302550001-
21	1985617	. WASHER, THRUST-CE		Z302550001-
22	9421427	. LOCK WASHER, TERM-STUD-CE		Z302550001-
23	1979451	. NUT		Z302550001-
24	9412305	. NUT		Z302550001-
25	1979365	. NUT		Z302550001-
26	9441934	. NUT		Z302550001-
27	1979451	. NUT & WASHER ASM, CE FRAME		Z302550001-
28	10499635	. SCREW & WASHER ASM, CE		Z302550001-
29	10497770	. SCREW		Z302550001-
30	10499637	. SCREW		Z302550001-
31	10499639	. SCREW		Z302550001-

STARTER (DELCO-REMY - 42MT) (OPTIONAL)

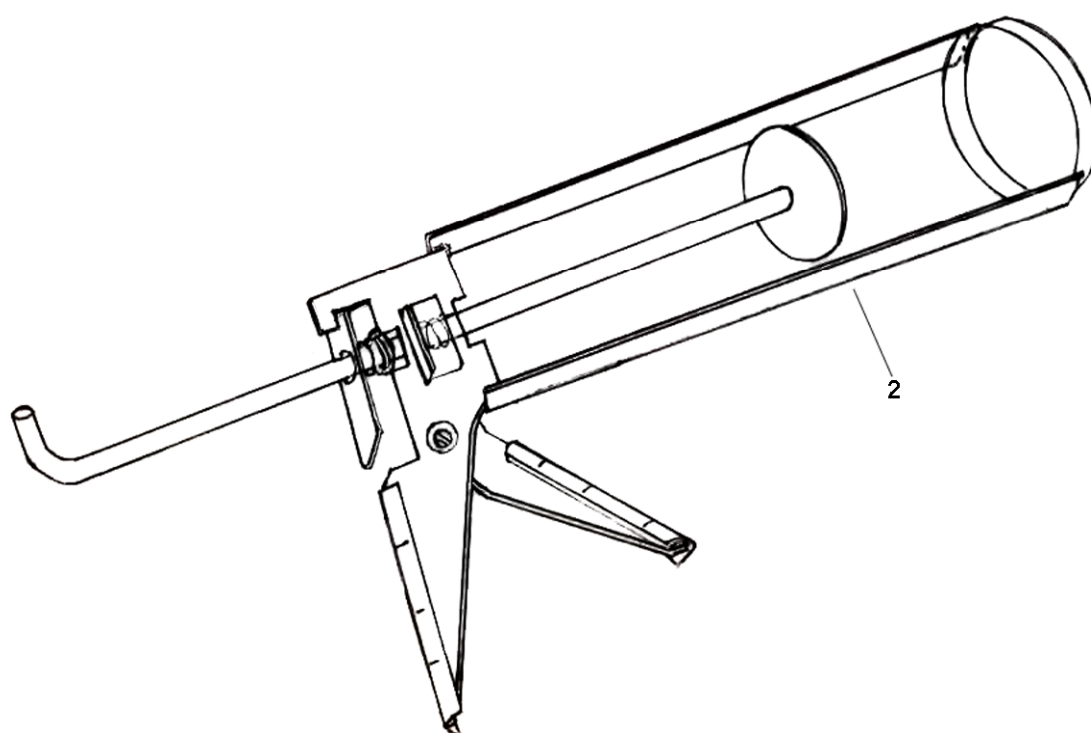
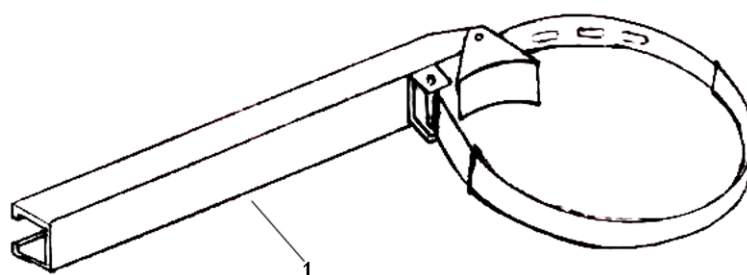
FIG. No. 6212



B6D125-1(BP41 / BD80 NA)

STARTER MOTOR (DELCO REMY- 42MT) (OPTIONAL)**FIG. No. 6212**

ITEM	PART NUMBER	NAME OF PART	QTY	ENGINE SL.No.
32	10499632	. SCREW - POLE SHOE		Z302550001-
33	10497770	. SCREW & WASHER ASSY., SWITCH		Z302550001-
34	1948519	. WASHER		Z302550001-
35	30205	. WASHER		Z302550001-
36	10476198	. CONNECTOR		Z302550001-
37	1985246	. CUP OIL RESERVIOR - CE		Z302550001-
38	1978756	. CUP OIL RESERVIOR - DE		Z302550001-
39	1985246	. CUP OIL RESERVIOR - LEVER HSG		Z302550001-
40	1964857	. GASKET- LEVER HSG-INSP.PUG		Z302550001-
41	1988100	. INSULATOR		Z302550001-
42	1988339	. INSULATOR		Z302550001-
43	1988340	. INSULATOR		Z302550001-
44	10495183	. INSULATION PKG - CE TERMINAL		Z302550001-
45	10497104	. LEAD-CE TERM - SOLENIOD SWITCH		Z302550001-
46	1985304	. "O" - RING- BET. SWITCH & LEV HSG		Z302550001-
47	1851960	. "O" RING BET. DR HSG & LEV HSG.		Z302550001-
48	1916272	. "O" - RING BET. LEV HSG & FRAME		Z302550001-
49	1985320	. "O" - RING ON MOTOR FR. CE END		Z302550001-
50	1894642	. "O" RING SHIFT LEV SHAFT (3/8" OD)		Z302550001-
51	1894643	. "O" RING SHIFT LEV SHAFT (1/2" OD)		Z302550001-
52	456652	. PIN SPRING (IN FRAME)		Z302550001-
53	1945356	. PLUG - INSPECTION LEVER HSG		Z302550001-
54	1949619	. PLUG - DRIVE HSG MTG HOLES		Z302550001-
55	1934478	. POLE - SHOE		Z302550001-
56	1948520	. RETAINER - PLUNGER SPRING		Z302550001-
57	1948526	. RETAINER - PLUNGER SPRING		Z302550001-
58	1918047	. SEAL,OIL-LEVER HSG		Z302550001-
59	10456430	. SHAFT - SHIFT LEVER		Z302550001-
60	9416374	. SNAP RING - PLUNGER ASSY.		Z302550001-
61	9416374	. SNAP RING - SHIFT LEVER SHAFT		Z302550001-
62	199138	. WICK OIL RESERVIOR - CE		Z302550001-
63	1978754	. WICK OIL RESERVIOR - DE		Z302550001-
64	1985247	. WICK OIL RESERVIOR - LEV HSG.		Z302550001-



TOOLS

FIG. No. 9010

ITEM	PART NUMBER	NAME OF PART	QTY	ENGINE SL.No.
1	09019-08035	WRENCH, FILTER	1	Z302550001-
2	7427500995	LIQUID GASKET APPLICATOR	1	Z302550001-

GASKET KITS

CYLINDER HEAD GASKET KIT

FIG. No. K1

ITEM	PART NUMBER	NAME OF PART	FIG No.	QTY	ENGINE SL.No.
	30Z9900632	CYLINDER HEAD GASKET KIT	--	1	Z302550001-
1	41Z5161031	. GASKET	3150	1	Z302550001-
2	41Z5181088	. O-RING,HOUSING	3150	1	Z302550001-
3	41Z5181071	. O-RING, ROTOR	3150	1	Z302550001-
4	CPF06-01412	. GASKET	3150	2	Z302550001-
5	CPF06-00812	. GASKET	4210	2	Z302550001-
6	07000-65065	. O-RING	4210	6	Z302550001-
7	CPF06-01012	. GASKET	4210	12	Z302550001-
8	CPF06-00612	. SEALING WASHER	4211	12	Z302550001-
9	CPF06-00612	. SEALING WASHER	4212	12	Z301160076-
10	30Z1180447	. SEAL, VALVE	1010	2	Z302550001-
11	30Z1100029	. GASKET,HEAD	1010	6	Z302550001-
12	30Z4170287	. GASKET	1110	6	Z302550001-
13	30Z1120482	. GASKET	1150	6	Z302550001-
14	30Z1270113	. GASKET	1310	6	Z302550001-
15	30Z1270121	. GASKET	1310	2	Z302550001-
16	30Z1270105	. GASKET	1410	1	Z302550001-
17	30Z1310046	. GASKET	1510	6	Z302550001-
18	30Z1310038	. GASKET	1610	1	Z302550001-
19	CPF06-01612	. GASKET	1710	1	Z302550001-
20	02893-05043	. O-RING	1710	6	Z302550001-
21	30Z6170396	. GASKET	1710	6	Z302550001-
22	30Z6160376	. GASKET	1710	2	Z302550001-
23	30Z6170403	. GASKET	5010	1	Z302550001-

CYLINDER BLOCK GASKET KIT
FIG. No. K2

ITEM	PART NUMBER	NAME OF PART	FIG No.	QTY	ENGINE SL.No.
	30Z9900649	CYLINDER BLOCK GASKET KIT		1	Z302550001-
1	07000-62015	▪ O-RING	3111	1	Z302550001-
2	07000-62020	▪ O-RING	3111	1	Z302550001-
3	07000-62020	▪ O-RING	3111	1	Z302550001-
4	07000-62125	▪ O-RING	4020	1	Z302550001-
5	07000-62125	▪ O-RING	4020A	1	Z302550002-
6	07000-62125	▪ O-RING	4020B	1	Z301160076-
7	07000-63028	▪ O-RING	3111	1	Z302550001-
8	07000-63028	▪ O-RING	2110	1	Z302550001-
9	07000-63035	▪ O-RING	3111	1	Z302550001-
10	07000-63042	▪ O-RING	3310	1	Z302550001-
11	07000-63045	▪ O-RING	3010	1	Z302550001-
12	07002-01623	▪ O-RING	2110	1	Z302550001-
13	07002-22434	▪ O-RING	2010 1/2	1	Z302550001-
14	07002-23034	▪ O-RING	2010 1/2	1	Z302550001-
15	07002-32434	▪ O-RING	3111	3	Z302550001-
16	07002-32434	▪ O-RING	3111	1	Z302550001-
17	08034-00823	▪ BAND	4110	1	Z302550001-
18	30Z2160271	▪ O-RING	2011	1	Z302550001-
19	30Z2160288	▪ O-RING	2010 1/2	2	Z302550001-
20	30Z2160296	▪ O-RING, LINER, LOWER	2010 1/2	6	Z302550001-
21	30Z2160303	▪ O-RING, LINER, UPPER	2010 1/2	6	Z302550001-
22	30Z2160311	▪ SEAL, LINER, CREVICE	2010 1/2	6	Z302550001-
23	30Z2160474	▪ GASKET	2011	3	Z302550001-
24	30Z2180376	▪ PACKING	2011	9	Z302550001-
25	30Z2380179	▪ SEAL,FRONT	2050	1	Z302550001-
26	30Z3280842	▪ SEAL, REAR	2010 2/2	1	Z302550001-
27	30Z5160414	▪ GROMMET	3111	2	Z302550001-
28	30Z5160422	▪ RING	3010	1	Z302550001-
29	30Z5160439	▪ GASKET	3010	1	Z302550001-
30	30Z5160447	▪ O-RING	3310	2	Z302550001-
31	30Z5160455	▪ GASKET	3310	2	Z302550001-
32	30Z5170475	▪ O-RING	3310	1	Z302550001-
33	30Z5170483	▪ GASKET	3310	1	Z302550001-

CYLINDER BLOCK GASKET KIT

FIG. No. K2

ITEM	PART NUMBER	NAME OF PART	FIG No.	QTY	ENGINE SL.No.
34	30Z5170848	. GASKET, COVER PLATE	3311	1	Z302550001-
35	30Z5170864	. GASKET, TUBE IN	3311	1	Z302550001-
36	30Z5170994	. GASKET	3311	2	Z302550001-
37	30Z5180576	. SEAL, OIL COOLER	3310	1	Z302550001-
38	30Z7160337	. GASKET	4020	1	Z302550001-
39	30Z7160337	. GASKET	4020A	1	Z302550002-
40	30Z7160337	. GASKET	4020B	1	Z301160076-
41	30Z7170349	. GASKET, TACH. HOUSING	4020	1	Z302550001-
42	30Z7170349	. GASKET, TACH. HOUSING	4020A	1	Z302550002-
43	30Z7170349	. GASKET, TACH. HOUSING	4020B	1	Z301160076-
44	30Z7170357	. SEAL	4020	1	Z302550001-
45	30Z7170357	. SEAL	4020A	1	Z302550002-
46	30Z7170357	. SEAL	4020B	1	Z301160076-
47	30Z7180433	. SEAL, OIL	4020	1	Z302550001-
48	30Z7180433	. SEAL, OIL	4020A	1	Z302550002-
49	30Z7180433	. SEAL, OIL	4020B	1	Z301160076-
50	30Z8270078	. GASKET	6210	1	Z302550001-
51	41Z3280188	. GASKET	2210	1	Z302550001-
52	51Z3280419	. SEAL, REAR	2210	1	Z302550001-
53	CPF06-00812	. GASKET	4110	1	Z302550001-
54	CPF06-00812	. GASKET	4131	1	Z302550001-
55	CPF06-01012	. GASKET	2010 1/2	2	Z302550001-
56	CPF06-01412	. GASKET	4110	4	Z302550001-
57	CPF06-01412	. GASKET	4110	4	Z302550001-
58	CPF06-01412	. GASKET	4130	4	Z302550001-
59	CPF06-01412	. GASKET	2010 1/2	1	Z302550001-
60	CPF06-01412	. GASKET	4020	4	Z302550001-
61	CPF06-01412	. GASKET	4020	2	Z302550001-
62	CPF06-01412	. GASKET	4020A	4	Z302550002-
63	CPF06-01412	. GASKET	4020A	2	Z302550002-
64	CPF06-01412	. GASKET	4020B	4	Z301160076-
65	CPF06-01412	. GASKET	4020B	2	Z301160076-
66	CPF06-01812	. GASKET	2210	1	Z302550001-

P.T. O HOUSING GASKET KIT
FIG. No. K3

ITEM	PART NUMBER	NAME OF PART	FIG No.	QTY	ENGINE SL.No.
	31Z9900321	PTO HOUSING GASKET KIT	--	1	Z302550001-
1	01658-26223	▪ LOCK	2211	1	Z302550001-
2	CHS01-03110	▪ O-RING	2211	1	Z302550001-
3	CHS01-05150	▪ O-RING	2211	1	Z302550001-
4	CHS01-05165	▪ O-RING	2211	1	Z302550001-
5	51Z3270407	▪ GASKET	2211	1	Z302550001-
6	CPF06-01212	▪ GASKET	3112	6	Z302550001-

WATER PUMP GASKET KIT**FIG. No. K4**

ITEM	PART NUMBER	NAME OF PART	FIG No.	QTY	ENGINE SL.No.
	30Z9900657	WATER PUMP GASKET KIT	--	1	Z302550001-
1	07000-62115	▪ O-RING	5010	1	Z302550001-
2	30Z6160384	▪ GASKET	5010	1	Z302550001-
3	30Z6170411	▪ GASKET	5010	1	Z302550001-
4	30Z6180497	▪ OIL SEAL	5010	1	Z302550001-
5	30Z6270066	▪ GASKET	5010	1	Z302550001-
6	41Z6180822	▪ SEAL	5010	1	Z302550001-
7	CPF06-01412	▪ GASKET	5010	1	Z302550001-

WATER PUMP SERVICE KIT**FIG. No. KW**

ITEM	PART NUMBER	NAME OF PART		QTY	ENGINE SL.No.
	30Z9900487	WATER PUMP SERVICE KIT	--	1	Z302550001-
1	06030-06004	▪ BEARING, BALL	5010	1	Z302550001-
2	06030-06304	▪ BEARING, BALL	5010	1	Z302550001-
3	30Z6160384	▪ GASKET	5010	1	Z302550001-
4	30Z6180497	▪ OIL SEAL	5010	1	Z302550001-
5	41Z6180822	▪ SEAL	5010	1	Z302550001-
6	CFL02-15220	▪ SNAP, RING	5010	1	Z302550001-

SERVICE KIT - 250 Hrs.**FIG. No. KS**

ITEM	PART NUMBER	NAME OF PART	FIG No.	QTY	ENGINE SL.No.
	30Z9900665	SERVICE KIT		1	Z302550001-
1	00Z0090505	▪ BEMLACF - 1 LITRE	5211	1	Z302550001-
2	00Z0090676	▪ BEMLACF - 1 LITRE	5211	1	Z302550008-
3	11Z7180235	▪ CARTRIDGE, PRE-FILTER	4110	1	Z302550001-
4	30Z5180495	▪ CARTRIDGE	3110	1	Z302550001-
5	30Z7180369	▪ CARTRIDGE, FUEL FILTER	4110	1	Z302550001-

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PART No.	Fig.No.	ITEM	PART No.	Fig.No.	ITEM	PART No.	Fig.No.	ITEM
30205	6212	35	10499635	6212	28	26252447	6211	7
199138	6212	62	10499637	6212	30	26252450	6211	57
456652	6212	52	10499639	6212	31	26252526	6211	61
1115663	6212	11	19476030	6212	6	26252773	6211	23
1851960	6212	47	26100216	6012	14	26253068	6211	30
1852894	6212	12	26100586	6211	44	26253580	6211	18
1893560	6212	8	26100586	6211	56	26253705	6211	60
1894635	6212	10	26100696	6211	38	26253821	6211	49A
1894642	6212	50	26101296	6012	51	26253859	6211	37
1894643	6212	51	26101316	6012	42	26253905	6211	42
1911644	6212	20	26101327	6012	22	26330122	6211	40B
1916272	6212	48	26101337	6012	26	26640335	6211	4
1918047	6212	58	26101536	6211	24	26640365	6211	3
1934478	6212	55	26101536	6211	53	26640367	6211	2
1936466	6212	19	26101556	6211	17	26640473	6211	13
1943628	6212	2	26130077	6012	18	26640680	6211	9
1945356	6212	53	26130107	6012	9	26640779	6211	8
1948519	6212	34	26130117	6211	14	26640785	6211	10
1948520	6212	56	26130287	6012	1	26640795	6211	5
1948521	6212	17	26130437	6012	6	26711181	6211	22
1948526	6212	57	26130726	6211	1	440008029	4024	
1949619	6212	54	26130747	6211	12	1230203001	4024	16
1964857	6212	40	26130747	6211	41	1410001025	4021	19
1978754	6212	63	26130747	6211	64	1410102020	4021	
1978756	6212	38	26140097	6012	16	1410102021	4021	
1979365	6212	25	26140137	6012	11	1410102022	4021	
1979451	6212	23	26140247	6012	8	1410102023	4021	
1979451	6212	27	26140344	6012	52	1410201000	4021	31
1985243	6212	16	26140347	6012	15	1410210014	4021	13
1985246	6212	37	26140384	6012	10	1410282015	4021	38
1985246	6212	39	26140384	6012	57	1410422001	4021	23
1985247	6212	64	26140394	6012	7	1410500015	4021	11
1985304	6212	46	26140409	6211	62	1410500035	4021	24
1985314	6212	13	26141316	6012	2	1411038030	4021	
1985320	6212	49	26144096	6012	19	1411038031	4021	
1985617	6212	21	26252093	6211	27	1411038032	4021	
1988096	6212	7	26252096	6211	16	1411038033	4021	
1988097	6212	18	26252100	6211	15	1411038034	4021	
1988100	6212	41	26252101	6211	35	1411038035	4021	
1988126	6212	1	26252102	6211	50	1411038036	4021	
1988128	6212	5	26252105	6211	51	1411073006	4021	
1988137	6212	9	26252106	6211	46	1413120090	4021	
1988140	6212	15	26252108	6211	58	1413120091	4021	
1988339	6212	42	26252109	6211	48	1413463010	4021	2
1988340	6212	43	26252127	6211	21	1413502000	4021	46
1988435	6212	3	26252135	6211	59	1415552001	4021	37
1988439	6212	14	26252137	6211	47	1420101078	4022	28
1988442	6212	4	26252141	6211	29	1420151001	4022	59
9412305	6212	24	26252142	6211	34	1420206016	4022	64
9416374	6212	60	26252143	6211	31	1420210007	4021	40
9416374	6212	61	26252146	6211	54	1420210028	4022	33
9421427	6212	22	26252153	6211	49	1420283006	4022	38
9441934	6212	26	26252154	6211	25	1420500005	4022	42
10456430	6212	59	26252155	6211	26	1420506598	4022	14
10476198	6212	36	26252157	6211	20	1420523000	4022	50
10495183	6212	44	26252161	6211	40A	1420707001	4022	
10497104	6212	45	26252164	6211	36	1421015081	4022	71
10497770	6212	29	26252168	6211	32	1421038013	4022	65
10497770	6212	33	26252425	6211	28	1421322010	4022	53
10499632	6212	32	26252425	6211	43	1421901178	4022	19

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PART No.	Fig.No.	ITEM	PART No.	Fig.No.	ITEM	PART No.	Fig.No.	ITEM
1421933037	4022	16	2411098034	4021		2443200011	4024	9
1422003026	4022	39	2411098035	4021		2443203001	4024	11
1422031043	4022	13	2411098036	4021		2443456900	4024	18
1422305050	4022	51	2411098037	4021		2443462009	4024	13
1423020030	4022	49	2411098038	4021		2443462031	4024	4
1423200020	4022	21	2411098039	4021		2444601000	4024	10
1423341034	4022	60	2411098040	4021		2444615006	4024	12
1423400028	4022	3	2411098041	4021		2444617010	4024	3
1423401015	4022	22	2411098042	4021		2447222125	4024	15
1423410011	4022	11	2411098043	4021		2910141193	4021	57
1423414037	4022	31	2411098044	4021		2911062193	4022	66
1423450051	4022	5	2411098045	4021		2911062196	4022	41
1423462043	4022	9	2411098046	4021		2911072201	4022	40
1424612011	4022	48	2411098047	4021		2911182193	4022	67
1424626000	4022	54	2411098048	4021		2911272704	4021	
1424627002	4022	44	2411098049	4021		2911272750	4021	50
1424641003	4022	23	2411098050	4021		2911272750	4022	18
1424650056	4022	61	2411098051	4021		2912732203	4022	62
1424651004	4022	52	2411098052	4021		2912732209	4022	63
1428194041	4022	58	2411331054	4021	55	2912742203	4022	
1443100501	4024	5	2413100000	4021	29	2912742209	4022	
1463300302	4022	15	2413121013	4021	5	2914551167	4022	35
1900023005	4022	55	2413201003	4021	21	2914551192	4022	
1900023011	4021	52	2413344001	4021	22	2914552151	4022	
1900210100	4024	14	2413371115	4021	4	2914552158	4021	36
1900910240	4021	59	2413414019	4021	33	2914552158	4022	
1900910240	4021	60	2413421003	4021	43	2915012007	4021	48
2410020013	4021	26	2413461000	4021	44	2915012007	4022	12
2410101004	4021	17	2413502023	4021	15	2915012007	4022	56
2410102000	4021	10	2414601008	4021	12	2915012066	4021	18
2410105003	4021	7	2414614005	4021	6	2915022006	4021	54
2410202028	4021	28	2414619011	4021	25	2916080907	4022	20
2410206007	4021	14	2415656004	4021	41	2916600006	4022	26
2410210004	4021	9	2415800011	4021	35	2916699132	4021	47
2410363015	4021	58	2416056081	4021	20	2916699132	4021	56
2411015046	4021	42	2417413093	4021	30	2916699132	4022	37
2411098010	4021		2418455030	4021	3	2916699139	4021	53
2411098011	4021		2418750024	4021	27	2916710603	4022	10
2411098012	4021		2420050011	4022	34	2916710605	4021	51
2411098013	4021		2420210012	4022	45	2916710607	4022	74
2411098014	4021		2420500037	4022	47	2916710618	4021	45
2411098015	4021		2421015058	4022	70	2916710618	4022	69
2411098016	4021		2421332002	4022	2	7427500995	9010	2
2411098017	4021		2421901029	4022	25	9431030198	4211	5
2411098018	4021		2422013014	4022	30	9431030198	4212	5
2411098019	4021		2423314001	4022	24	9431033422	4211	16
2411098020	4021		2423314003	4022	8	9431033422	4212	16
2411098021	4021		2423341001	4022	6	00Z0090498	5211	1
2411098022	4021		2423400001	4022	7	00Z0090498	KS	1
2411098023	4021		2423452001	4022	17	00Z0090505	5211	1
2411098024	4021		2423457002	4022	46	00Z0090505	KS	1
2411098025	4021		2423462012	4022	68	00Z0090676	5211	4
2411098026	4021		2424650008	4022	36	00Z0090676	KS	4
2411098027	4021		2425151001	4022	1	00Z0090684	5211	3
2411098028	4021		2425657005	4022	4	00Z0090684	KS	3
2411098029	4021		2440105000	4024	17	01010-E1025	1610	9
2411098030	4021		2440200002	4024	8	01010-E1030	1610	3
2411098031	4021		2440520022	4024	2	01010-E1035	1610	12
2411098032	4021		2442120013	4024	7	01010-E1040	1610	7
2411098033	4021		2443120008	4024	6	01010-E1080	1510	6

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PART No.	Fig.No.	ITEM	PART No.	Fig.No.	ITEM	PART No.	Fig.No.	ITEM
01011-61225	6010	4	06122-01603	4070	4	07270-20485	4020A	59
01051-51430	2310	5	07000-62015	3111	9	07270-20485	4020B	59
01051-51635	2310	7	07000-62015	K2	1	07271-01430	4020	55
01252-41640	2010 2/2	3	07000-62020	3111	6	07271-01430	4020A	55
01437-01025	5010	21	07000-62020	K2	2	07271-01430	4020B	55
01437-01030	3111	18	07000-62020	3111	10	07271-01465	4110	8
01437-01050	1710	16	07000-62020	K2	3	07285-00080	4212	13
01437-01065	1710	12	07000-62115	5010	16	07285-00080	4211	13
01437-01075	1110	3	07000-62115	K4	1	07285-00085	4020	60
01437-01080	4020	7	07000-62125	4020	33	07285-00085	4020A	60
01437-01080	4020A	7	07000-62125	K2	4	07285-00085	4020B	60
01437-01080	4020B	7	07000-62125	4020A	33	07285-00220	2011	8
01437-01090	4020	8	07000-62125	K2	5	07286-01963	2011	7
01437-01090	4020A	8	07000-62125	4020B	33	08034-00823	4110	21
01437-01090	4020B	8	07000-62125	K2	6	08034-00823	4130	12
01438-01020	1010	25	07000-63028	3111	11	08034-00823	K2	15
01530-06214	2211	9	07000-63028	K2	5	08038-00519	1310	22
01582-21411	1610	16	07000-63028	2110	6	08073-10505	2010 1/2	35
01590-10809	4070	13	07000-63028	K2	6	08670-02001	1310	23
01642-20810	2011	36	07000-63035	3111	12	08671-50721	1310	8
01642-21016	2011	27	07000-63035	K2	7	09019-08035	9010	1
01658-26223	2211	10	07000-63042	3310	15	10Z5180559	2110	17
01658-26223	K3	1	07000-63042	K2	8	10Z5180559	2010 2/2	9
02400-10413	2350	11	07000-63045	3010	24	10Z5180559	2050	27
02720-20810	2110	14	07000-63045	K2	9	113EX 11006	1610	15
02720-20810	1710	6	07000-65065	4210	12	113EX92015	1610	14
02893-05043	1710	10	07000-65065	K1	2	11Z7100222	4110	4
02893-05043	K1	1	07002-01623	2110	16	11Z7180235	4110	
04010-00516	4020	28	07002-01623	K2	10	11Z7180235	KS	3
04010-00516	4020A	28	07002-22434	2010 1/2	9	11Z7181889	4211	16
04010-00516	4020B	28	07002-22434	K2	11	11Z7181889	4212	16
04010-00519	4020	30	07002-23034	2010 1/2	11	262 521 62	6211	45
04010-00519	4020A	30	07002-23034	K2	12	266407 94	6211	11
04010-00519	4020B	30	07002-32434	3111	24	26938063A	6012	4
04010-00725	2410	3	07002-32434	K2	13	26964012B	6211	6
04066-00050	2211	24	07002-32434	3111	27	2916710603	4022	
04066-00070	2211	4	07002-32434	K2	14	30Z1100029	1010	20
04067-00080	2211	23	07040-02412	2110	5	30Z1100029	K1	3
04067-00150	2211	32	07040-11007	2010 1/2	33	30Z1100037	1010	
04121-22273	5110	27	07040-11612	2110	15	30Z1100434	1010	
04250-50847	4070	10	07040-11812	2210	8	30Z1110049	1010	15
04256-40818	4070	11	07040-12414	2010 1/2	8	30Z1110057	1010	7
04418-02550	2010 1/2	32	07040-13016	2010 1/2	10	30Z1110065	1010	24
06000-06005	4020	13	07043-50108	2010 1/2	7	30Z1110081	1010	16
06000-06005	4020A	13	07043-50617	2010 1/2	12	30Z1110098	1010	13
06000-06005	4020B	13	07046-12016	2210	3	30Z1110105	1010	14
06000-06010	2211	21	07046-15520	2210	5	30Z1110113	1010	18
06000-06214	2211	3	07046-21210	2010 1/2	17	30Z1110121	1010	19
06000-06313	2211	8	07046-22010	2010 1/2	18	30Z1110146	1010	8
06002-30217	2211	31	07046-22516	2010 1/2	15	30Z1120158	1010	2
06030-06004	5010	4	07046-42816	2010 1/2	16	30Z1120474	1150	1
06030-06004	KW	1	07046-43016	2010 1/2	13	30Z1120482	1150	3
06030-06304	5010	6	07046-44016	2010 1/2	14	30Z1120482	K1	4
06030-06304	KW	2	07102-20604	3111	21	30Z1140173	1010	1
06030-06307	4020	11	07102-20605	3111	20	30Z1140181	1010	5
06030-06307	4020A	11	07235-10628	3111	23	30Z1140376	1010	6
06030-06307	4020B	11	07239-12410	3111	26	30Z1140505	1150	2
06037-06206	5110	7	07270-00509	4211	15	30Z1150209	1010	17
06037-06307	5110	6	07270-00509	4212	15	30Z1160407	1010	23
06120-01612	4070	3	07270-20485	4020	59	30Z1180244	1010	4

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PART No.	Fig.No.	ITEM	PART No.	Fig.No.	ITEM	PART No.	Fig.No.	ITEM
30Z1180252	1010	3	30Z2100403	2011	3	30Z2310089	2050	15
30Z1180269	1010	11	30Z2110042	2010 1/2	21	30Z2310097	2050	8
30Z1180293	1010	3	30Z2110042	5010	26	30Z2310112	6010	3
30Z1180309	1010	3	30Z2110059	2011	19	30Z2310112	2050	6
30Z1180317	1010	3	30Z2110067	2010 1/2	19	30Z2330128	2050	7
30Z1180325	1010	3	30Z2110075	2010 1/2	36	30Z2340131	2050	1
30Z1180333	1010	4	30Z2110083	2010 1/2	5	30Z2350143	2050	11
30Z1180341	1010	4	30Z2110091	2011	34	30Z2350216	2050	17
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90301799	6012	41	CFB01-21040	4130	2	CFL02-18025	4020B	14
90301938	6012	39	CFB01-21040	5110	17	CFN01-20868	2011	37
90301939	6012	44	CFB01-21040	1410	20	CFN01-20868	4140	7
90301958	6211	33	CFB01-21040	3110	7	CFN01-20868	4070	12
90301958	6211	52	CFB01-21040	5010	30	CFN01-20868	4070	15
90302040	6012	20	CFB01-21045	4110	5	CFN01-21084	2011	28
9030-2079A	6012	31	CFB01-21050	4130	5	CFN01-21084	3310	5
90302136	6012	33	CFB01-21050	5110	26	CFN01-21084	5110	18
9030315A	6012	13	CFB01-21055	4020	5	CFN01-21084	6010	10
9030321	6012	55	CFB01-21055	4020	44	CFN01-21084	1610	10
9030330	6012	36	CFB01-21055	6010	9	CFN01-21084	3010	28
9030340	6012	12	CFB01-21055	1310	12	CFN01-21084	4070	17
9030382	6012	58	CFB01-21055	1310	13	CFN19-41008	1110	10
9030610	6012	50	CFB01-21055	4020A	5	CFN19-41008	1110	15
9030669	6012	37	CFB01-21055	4020A	44	CFN19-41008	1410	16
9030683	6012	34	CFB01-21055	4020B	5	CFN20-42414	4020	31
9030713A	6012	17	CFB01-21055	4020B	44	CFN20-42414	5110	4
9030784A	6012	38	CFB01-21060	3311	8	CFN20-42414	4020A	31
9030791	6012	29	CFB01-21060	1310	16	CFN20-42414	4020B	31
9030809	6211	55	CFB01-21060	3111	19	CFP01-02016	4070	14
9030873	6012	53	CFB01-21065	3310	20	CFP04-00514	2010 1/2	23
CCC01-06015	3311	20	CFB01-21065	4110	16	CFP04-00514	2110	4
CCC01-07020	5010	32	CFB01-21065	2050	4	CFP04-00820	2010 1/2	30
CCC06-10814	4020	61	CFB01-21070	3311	25	CFP04-00820	1010	9
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CCC06-10814	4020B	61	CFB01-21075	2050	3	CFP04-01024	4020A	3
CCC01-06015	2011	14	CFB01-21080	3310	21	CFP04-01024	4020B	3
CFB01-20630	4020	47	CFB01-21090	6010	8	CFP04-01228	2310	10
CFB01-20630	4020A	47	CFB01-21095	1110	5	CFP04-01434	2210	6
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CFB01-21025	3311	5	CFB02-21000	2011	22	CFS01-30816	2011	35
CFB01-21025	4020	34	CFB02-21010	1310	5	CFS01-30816	5010	14
CFB01-21025	4023	6	CFB02-21010	5010	17	CFS01-30820	3150	14
CFB01-21025	1410	22	CFB02-21015	5110	14	CFS01-30825	3310	16
CFB01-21025	3010	20	CFB02-21020	4070	8	CFS01-30825	3010	12
CFB01-21025	3010	25	CFB02-21035	2011	23	CFS01-31020	2211	19
CFB01-21025	3110	5	CFB02-21045	4210	13	CFS01-31020	3311	12
CFB01-21025	4020A	34	CFB02-21045	4211	10	CFS01-31020	3311	21
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CFB01-21030	2110	12	CFB07-21460	2050	16	CFS01-31020	3311	33
CFB01-21030	2211	14	CFB07-21845	2210	14	CFS01-31020	4020	54
CFB01-21030	3112	6	CFB07-21845	2210	27	CFS01-31020	3010	27
CFB01-21030	4023	5	CFB07-21850	2210	11	CFS01-31020	4020A	54
CFB01-21030	4110	2	CFB07-21855	2210	12	CFS01-31020	4020B	54
CFB01-21030	4130	4	CFB07-21870	2210	13	CFS01-31022	3112	8
CFB01-21030	5110	10	CFB17-51045	1610	4	CFS01-31022	2410	5
CFB01-21030	5110	21	CFL01-11510	1410	8	CFS01-31225	3311	3
CFB01-21030	5110	23	CFL01-11610	4070	6	CFS01-31225	2310	11
CFB01-21030	1310	4	CFL01-12012	2410	12	CFS01-31230	2211	29
CFB01-21030	2010 2/2	6	CFL02-11610	3010	17	CFS01-31230	2211	40
CFB01-21030	2050	21	CFL02-12412	3111	7	CFS01-31640	6210	3
CFB01-21030	3110	6	CFL02-14818	2350	3	CFS24-31225	2211	35
CFB01-21030	5010	29	CFL02-15220	5010	7	CFW01-10619	4020	48
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CFW01-10825	5010	15	CFW05-12032	2211	36	CPF06-01812	K2	52
CFW01-11030	2211	15	CFW05-16045	2010 1/2	6	CPF09-10813	3150	18
CFW01-11030	3112	7	CFW05-18045	2210	15	CPF12-10812	3112	2
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CFW01-11030	3311	13	CFW05-24060	4020A	32	CPF12-11014	4110	18
CFW01-11030	3311	17	CFW05-24060	4020B	32	CPF12-11014	4130	9
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CFW01-11236	2211	39	CPF06-00612	4211	17	CPL01-11521	2210	2
CFW01-11236	3311	4	CPF06-00612	K1	22	CPL01-11521	1310	2
CFW01-11236	3311	9	CPF06-00612	4212	17	CPL01-11521	1710	4
CFW01-11236	6010	5	CPF06-00612	K1	23	CPL02-11217	3311	35
CFW01-11648	2010 2/2	4	CPF06-00812	4110	15	CPL02-11217	3111	8
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CFW02-10816	3310	17	CPF06-00812	4131	12	F002A10551	4021	1
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CFW02-11020	3111	14	CPF06-01012	4210	14	F002A20630	4022	
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CFW02-11225	6010	6	CPF06-01412	K4	7			
CFW02-11630	4070	5	CPF06-01412	4020	52			
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