

1. Parts mentioned in this Parts Catalog may not necessarily be standard equipping parts.
2. Parts change may be made without prior notice.
3. Form of this Parts Catalog.

Fig 29 燃料噴射ポンプ(ブーコン用)
FUEL INJECTION PUMP (W/BOOST)

A= 4JH-DT	D= 4JH-DTZA
B= 4JH-DTZ	E= 4JH-DTZY
C= 4JH-DTZP	F=

見出 REF.No.	部品番号 PARTS No.	部 品 名	DESCRIPTION	個 数 (Q'ty)							備 考 REMARKS
				A	B	C	D	E	F		
1	729595-51390	F0ポンプ ASY(ブーコン用)	FULE INJECTION PUMP	1	1	1	1	1	1	1	
1- 1	729595-51391	F0ポンプ ASY(ブーコン用)	FULE INJECTION PUMP	1	1	1	1	1	1	1	
3	(A=E/#00185) (B=E/#00200)										
3- 1	26022-060162	ナコネジ M 6X 16	SCREW M 6X 16	9	9	9	9	9	9	9	
	26022-060162	ナコネジ M 6X 16	SCREW M 6X 16	4	4	4	4	4	4	4	K
	(A=E/#00185) (B=E/#00200) (C=E/#00156) (D=E/#00156) (E=E/#00156)										
4	129470-51040	カムシャフト	CAMSHAFT	1	1	1	1	1	1	1	
5	122710-51050	ベアリング*ローラ	BEARING, ROLLER	2	2	2	2	2	2	2	
6	129470-51060	ベアリング*サイ	RETAINER	1	1	1	1	1	1	1	

備 考

(1) ブーストコンベンセータ付き, 4JH-DT, 4JH-DTZとも
E/# 00155 までは, 特別注文仕様とします

Remarks

(1) BOOST COMPENSATOR TYPE.
OPTIONAL PART, TO E/# 00155,
(4JH - DT, 4JH - DTZ)

① Ref. No.

The Ref. No. in the list may not be accord with the Ref. No. on illustration.

(Ex.) Illustration No.

List head No.

1

1

(Befor change)

→

1 - 1

(After change)

When interchangeable symbol N, R, and K, illustrations for new parts are sometimes omitted.

③ Change Mark

Change Mark "I" is given to the part for which a design change was made at this time.

The design change was not shown in the last published Parts Catalog.

④ Interchangeability Mark

In the case where a part change took place, one of the following interchangeability marks is indicated for that part.

Symbol	Interchangeability	Contents note
N	Old ↔ New	New Part is interchangeable for Old Part but not interchangeable conversely.
Q	Old ↔ New	New Part is not interchangeable for Old Part but interchangeable conversely.
R	Old ↔ New	New Part is interchangeable for Old Part and vice versa.
S	Old ↔ New	New Part is not interchangeable for Old Part and vice versa.
W		Part newly added.
Z		Part discontinued.
F		Not interchangeable single part but interchangeable by set of the related parts.
K		Changed only in quantity used.

⑤ Effective Machine No.

When a part is changed, Effective Machine No. of a Model for which the part is applicable is indication in each column of (A) - (F).

Product Symbol	Product No.	Product Symbol	Product No.
C	Clutch No. Compressor No.	M	Machine No.
D	Drive No.	T	Tractor No.
E	Engine No.	Note1) ※	Date

Note1) Date may follow the symbol in some cases. (Ex.) ※ 1996.01

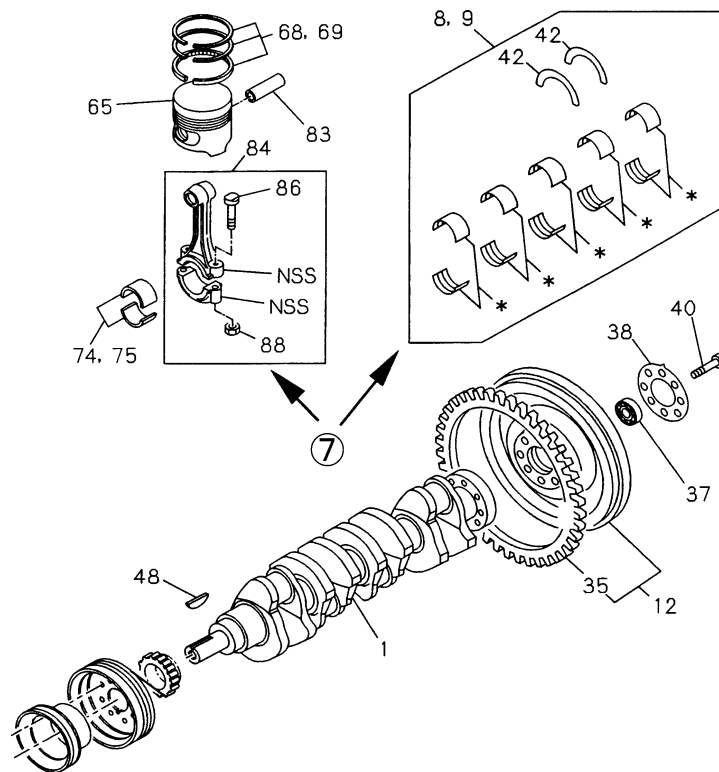
Note2) As far as engine models shown by "XXX" are concerned, the modification of the parts could not be predicted or the engine models themselves could not be identified.

Note3) (A=E/#00185) means that the design change on the part has been effective for the model at the column (A) (in this case, for 4JH- DT) on and from E/# (Engine Serial Number) 00185.

⑥ Remarks Mark

Figures or alphabets (Symbols) are entered in the remark column.

The comments (remarks) on the pertinent parts are indicated in the lower part of the list by the same symbols as those stated above.



⑦ 親・子の表示

部品の親（アセンブリ）と子（その構成部品）の関係を表現するもので、イラスト上でのみ表現されます。

（例１） KEY NO. 84は85、86、及びKEY NO. なし（コンロット、キャップは単品非補給）を含むことを示しています。

（例２） KEY NO. 7は72、及びKEY NO. なし（単品非補給、キットの内容品）を含むことを示しています。

⑦ ASSEMBLIES, KITS, SETS AND THEIR COMPONENTS

Assemblies, Kits and/or Sets are shown within a frame/box. Also shown within the frame/box are any components included with the assembly, Kit or Set.

EXAMPLE: Key No. 84 includes Key nos. 85,86 and the connecting Rod and Cap which are not supplied individually.

EXAMPLE: Key No. 7 includes Key no. 42 and those items identified with no key number.

Items identified with no key number may only be available in an assembly, Kit or Set.

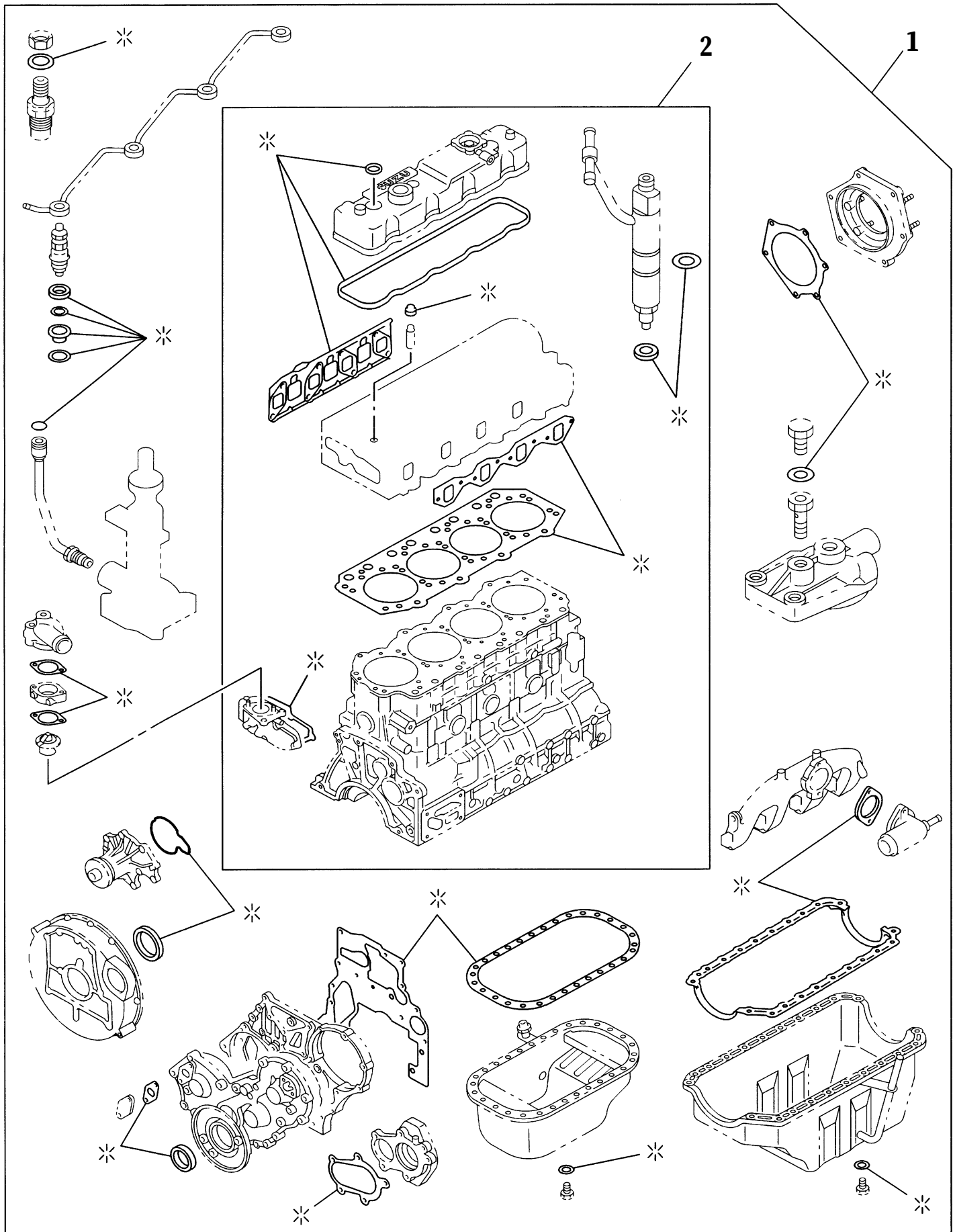
略語表 / Abbreviation List

略語 ABBREVIATIONS	語源 DEFINITION	略語 ABBREVIATIONS	語源 DEFINITION
A	AMPERE	KOYO	KOYO SEIKO CO.
ACCEL	ACCEL RATOR	KW	KILOWATT
ACL	AIR CLEANER	L	LITER
ADJ	ADJUSTER	L1=	LENGTH (VERTICAL)
AL	ALUMINUM	L2=	LENGTH (SIDE)
A/R	AS REQUIRED	L=	LENGTH
ASM	ASSEMBLY	LH	LEFT HAND
AUTO	AUTOMATIC	LK	LOCK
B=	BREADTH	LVR	LEVER
BRG	BEARING	LWR	LOWER
BRK	BRAKE	MAN	MANUAL
BRKT	BRACKET	MANIF	MANIFOLD
CAC	CHARGE AIR COOLER	MTG	MOUNTING
C/BL	CYLINDER BLOCK	M/T	MANUAL TRANSMISSION
CLU	CLUTCH	MM	MILLIMETER
CMPR	COMPRESSOR	NACHI	FUJIKOSHI CO.
COMB	COMBINATION	NGK	NIHON TOKUSHU TOGYO CO.
COMPL	COMPLETE	NO.	NUMBER
CONN	CONNECTING	NOK	NOK CO.
CONT	CONTROL	NOS	NIHON OIL SEAL CO.
CVR	COVER	NPN	NO PART NUMBER
CYL	CYLINDER	NPR	NIPPON PISTON RING CO.
D=	DIAMETER	NSG	NIPPON SHEET GLASS CO.
DC	DIRECT CURRENT	NSS	NOT SERVICED SEPARATELY
DIAPH	DIAPHRAGM	NSK	NIHON SEIKO CO.
DIFF	DIFFERENTIAL	NTN	TOYO BEARING CO.
EGR	EXHAUST GAS RECIRCULATION	OD	OUTSIDE DIAMETER
ENG	ENGINE	OPT	OPTION
EXC	EXCEPT	OVS I	OVERSIZE
EXH	EXHAUST	PCV	POSITIVE CRANK CASE VENTILATION
E #	ENGINE NUMBER	PL	PLAIN
EXP	EXPORT	PRE-CHAMBER	PRECOMBUSTION CHAMBER
FIG NO.	FIGURE NUMBER	PROP	PROPELLER
FLEX	FLEXIBLE	P/S	POWER STEERING
FRT	FRONT	PTO	POWER TAKE OFF
FWD	FORWARD	QOS	QUICK ON START
G	GRAM	QTY	QUANTITY
GEN	GENERATOR	QUAD	QUADRANT
GOV	GOVERNOR	RAD	RADIATOR
GRD=	GRADE	REG	REGULATOR
G/RATIO	GEAR RATIO	RET	RETAINER
H=	HEIGH	REV	REVERSE
HD	HEAD	RH	RIGHT HAND
HEX	HEXAGON	RR	REAR
HSG	HOUSING	RWD	REARWARD
ID=	INSIDE DIAMETER	SPD	SPEED
IGN	IGNITION	SPR	SPRING
INCL	INCLUDING	STD	STANDARD
INJ	INJECTION	SW	SWITCH
INL	INLET	SYN	SYNCHRONIZER
ISC	IDLE SPEED CONTROL	T=	THICKNESS
JBK	JIDOSHA BUHIN KOGYO CO.	TAP	TAPPING
KG	KILOGRAM	TC	TURBOCHARGER
KM/H	KILOMETER PER HOUR		

略語 ABBREVIATIONS	語源 DEFINITION	略語 ABBREVIATIONS	語源 DEFINITION
TICS	TIMING INJECTION CONTROL SYSTEM		
TEMP	TEMPERATURE		
TRANS	TRANSMISSION		
UNSI	UNDER SIZE		
UPR	UPPER		
V	VOLT		
VAC	VACUUM		
VLV	VALVE		
W	WATT		
W/	WITH		
WO/	WITHOUT		
Z=	TEETH		
ZN	ZINC		
&	AND		
"	INCH		
#	NUMBER		
1ST	FIRST		
2ND	SECOND		
3RD	THIRD		
4TH	FOURTH		
5TH	FIFTH		
6TH	SIXTH		
7TH	SEVENTH		
8TH	EIGHTH		
9TH	NINTH		

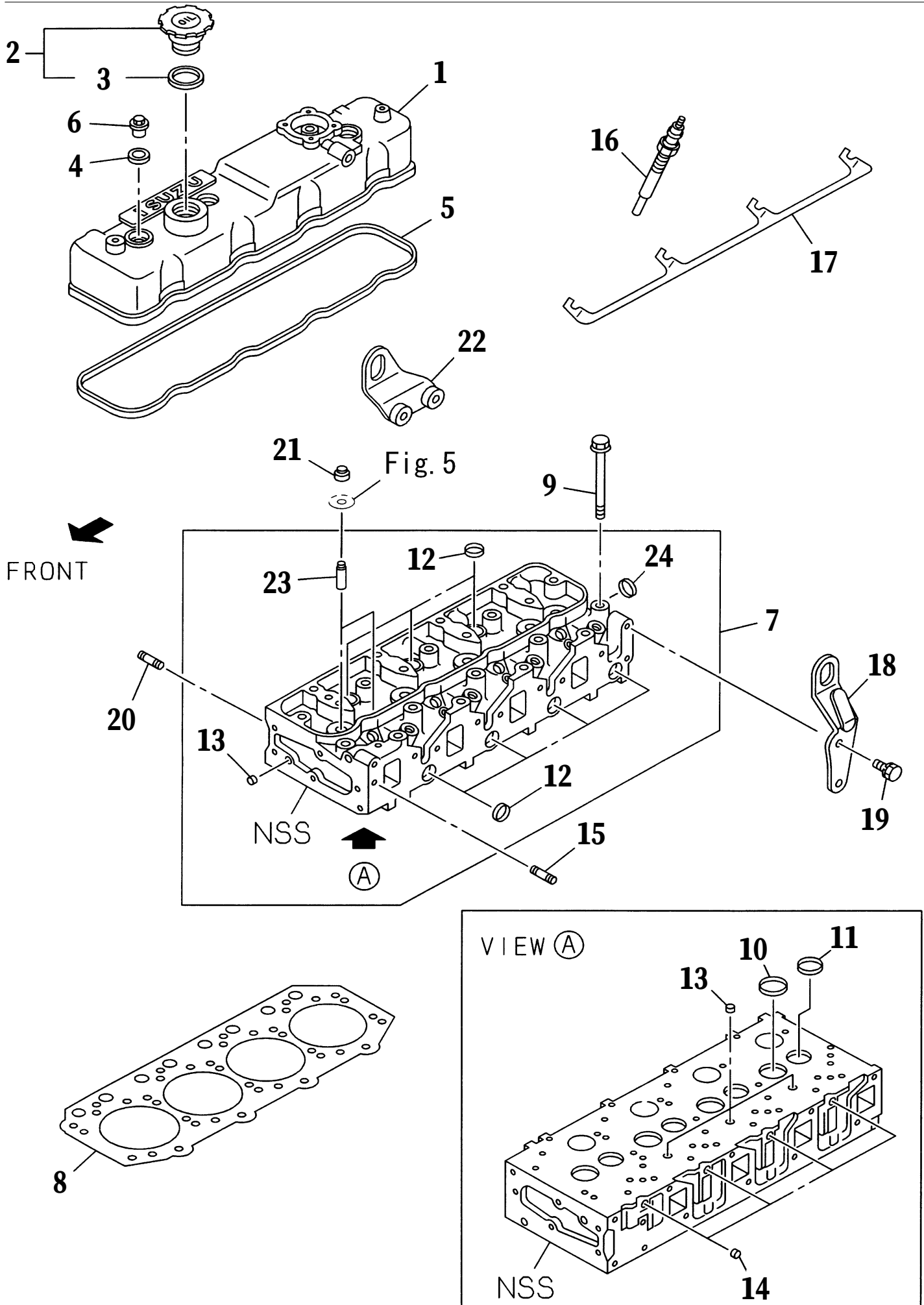
Fig. 1	ENGINE GASKET KIT
Fig. 2	CYLINDER HEAD
Fig. 3	CYLINDER BLOCK
Fig. 4	OIL PAN & LEVEL GAUGE
Fig. 5	CAMSHAFT & VALVE
Fig. 6	CRANKSHAFT, PISTON & FLYWHEEL
Fig. 7	GEAR CASE & FLYWHEEL HOUSING
Fig. 8	ENGINE MOUNTING
Fig. 9	MANIFOLD
Fig. 10	VENTILATION SYSTEM
Fig. 10-1	VENTILATION SYSTEM (Machine Serial No. 21403031~)
Fig. 11	WATER PUMP
Fig. 12	THERMOSTAT & HOUSING
Fig. 13	FAN & FAN BELT
Fig. 14	TURBOCHARGER SYSTEM
Fig. 15	FUEL INJECTION SYSTEM
Fig. 16	FUEL FILTER & BRACKET
Fig. 17	FUEL PUMP & PIPE
Fig. 18	OIL COOLER & OIL FILTER
Fig. 19	OIL PUMP & OIL STRAINER
Fig. 20	OIL & VACUUM PIPING; ENGINE
Fig. 21	ELECTRICAL CONTROL PARTS
Fig. 22	STARTER
Fig. 23	GENERATOR
Fig. 24	INJECTION PUMP
Fig. 25	GOVERNOR; INJECTION PUMP
Fig. 26	FEED PUMP; INJECTION PUMP
Fig. 27	COUPLING; INJECTION PUMP
Fig. 28	SUB TANK
Fig. 29	FUEL TANK
Fig. 30	WATER SEDIMENTER; FUEL
Fig. 31	AIR CLEANER ASM.
Fig. 32	RADIATOR ASM.

Engine for TL140 4JG1-TPA (ISUZU)
ENGINE GASKET KIT



Engine for TL140 4JG1-TPA (ISUZU)
ENGINE GASKET KIT

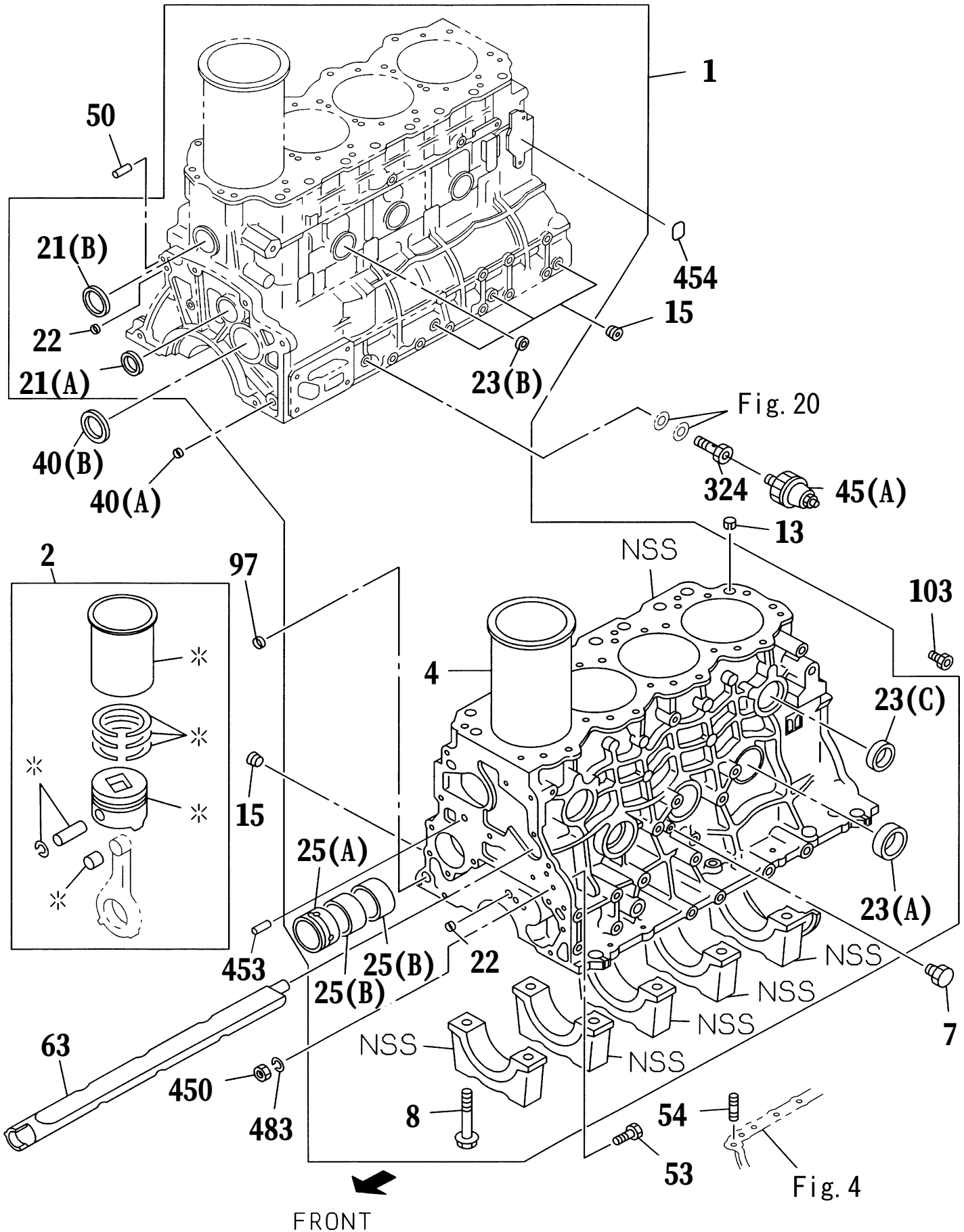
Engine for TL140 4JG1-TPA (ISUZU)
CYLINDER HEAD



Engine for TL140 4JG1-TPA (ISUZU)
CYLINDER HEAD

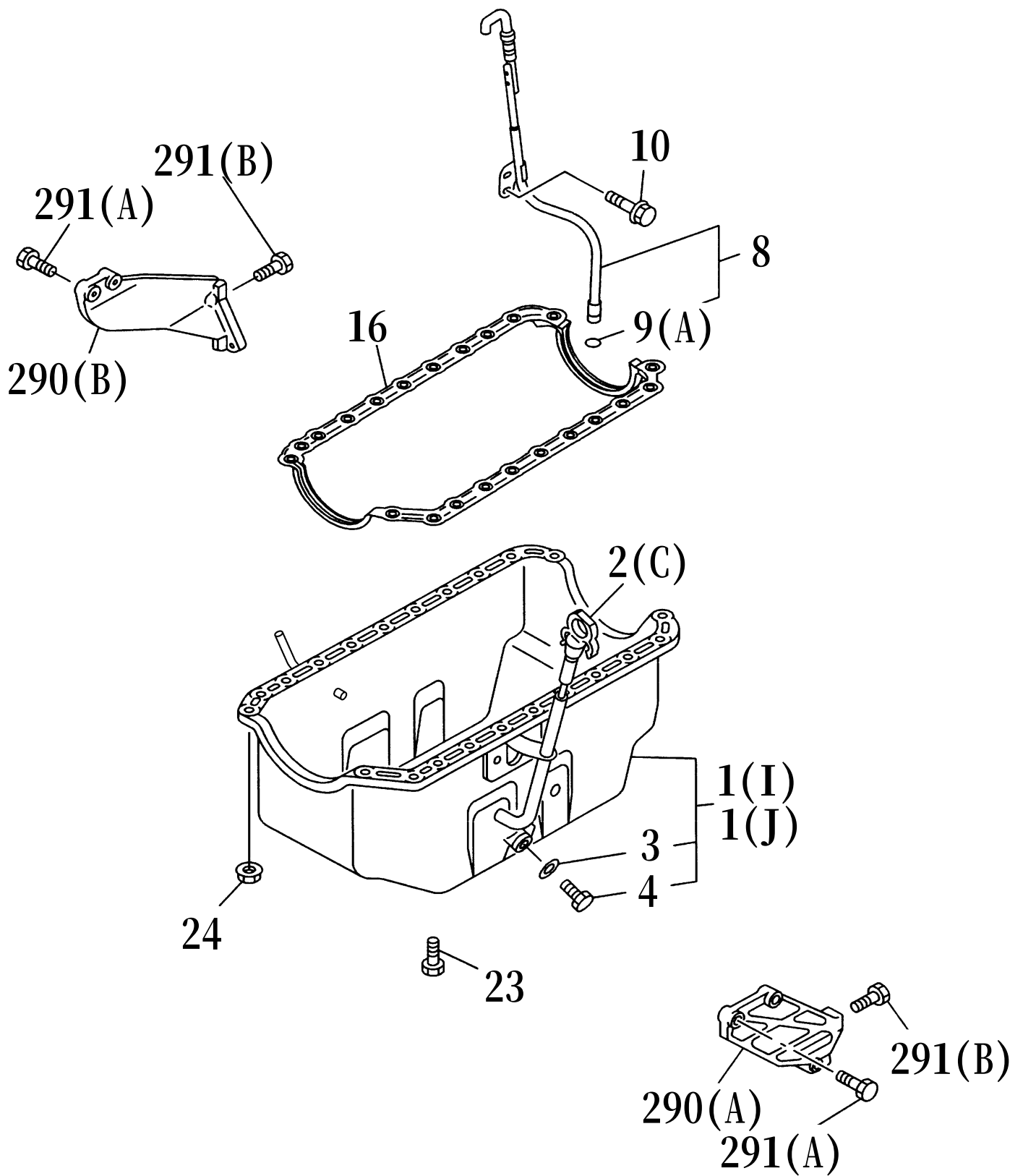
Item ID	Parts Number	部品種類	Qty
1	897081-7422	COVER; CYL HD	1
2	894133-2075	CAP; OIL FILLER	1
3	894123-6231	GASKET; OIL FILLER	1
4	894202-4563	GASKET; HD COVER	3
5	897161-1310	GASKET; HD TO COVER (-03.01)	1
	897349-4160	GASKET; HD TO COVER (03.02-)	1
6	894173-4300	NUT; CAP, HD COVER (-03.07)	3
	894158-1080	NUT; CAP, HD COVER (03.08-)	3
7	897120-1783	HEAD ASM; CYL (-03.06)	1
	897109-6423	HEAD ASM; CYL (03.07-)	1
8	897066-1980	GASKET; CYL HD	1
9	897133-4161	BOLT; CYL HD TO BLOCK	18
10	897231-2280	SEAT; VLV INSERT	4
11	897231-2290	SEAT; VLV INSERT	4
12	897209-6090	CUP; SEALING, CYL HEAD	7
13	511129-0060	CUP; SEALING, CYL HEAD	3
14	509600-0130	CUP; SEALING, CYL HEAD	5
15	904110-8250	STUD; INL MANIF	2
16	897073-6411	PLUG; GLOW (-03.02)	4
	897364-1281	PLUG; GLOW (03.03-)	4
17	894153-7232	CONNECTOR; GLOW PLUG	1
18	897107-7390	HANGER; ENG, RR	1
19	028680-8200	BOLT; HANGER (-05.12)	2
	028650-8200	BOLT; HANGER (06.01-)	2
20	897048-0551	STUD; EXH MANIF (-04.08)	2
	897378-0650	STUD; EXH MANIF (04.09-)	2
21	897120-3070	SEAL; OIL VLV STEM	8
22	894440-4290	HANGER; ENG, FRT	1
23	511721-0160	GUIDE; VLV	8
24	897351-4510	CUP; SEALING, CYL HEAD (-05.03)	1
	109600-0052	CUP; SEALING, CYL HEAD (05.04-)	1

Engine for TL140 4JG1-TPA (ISUZU)
CYLINDER BLOCK



Engine for TL140 4JG1-TPA (ISUZU)
CYLINDER BLOCK

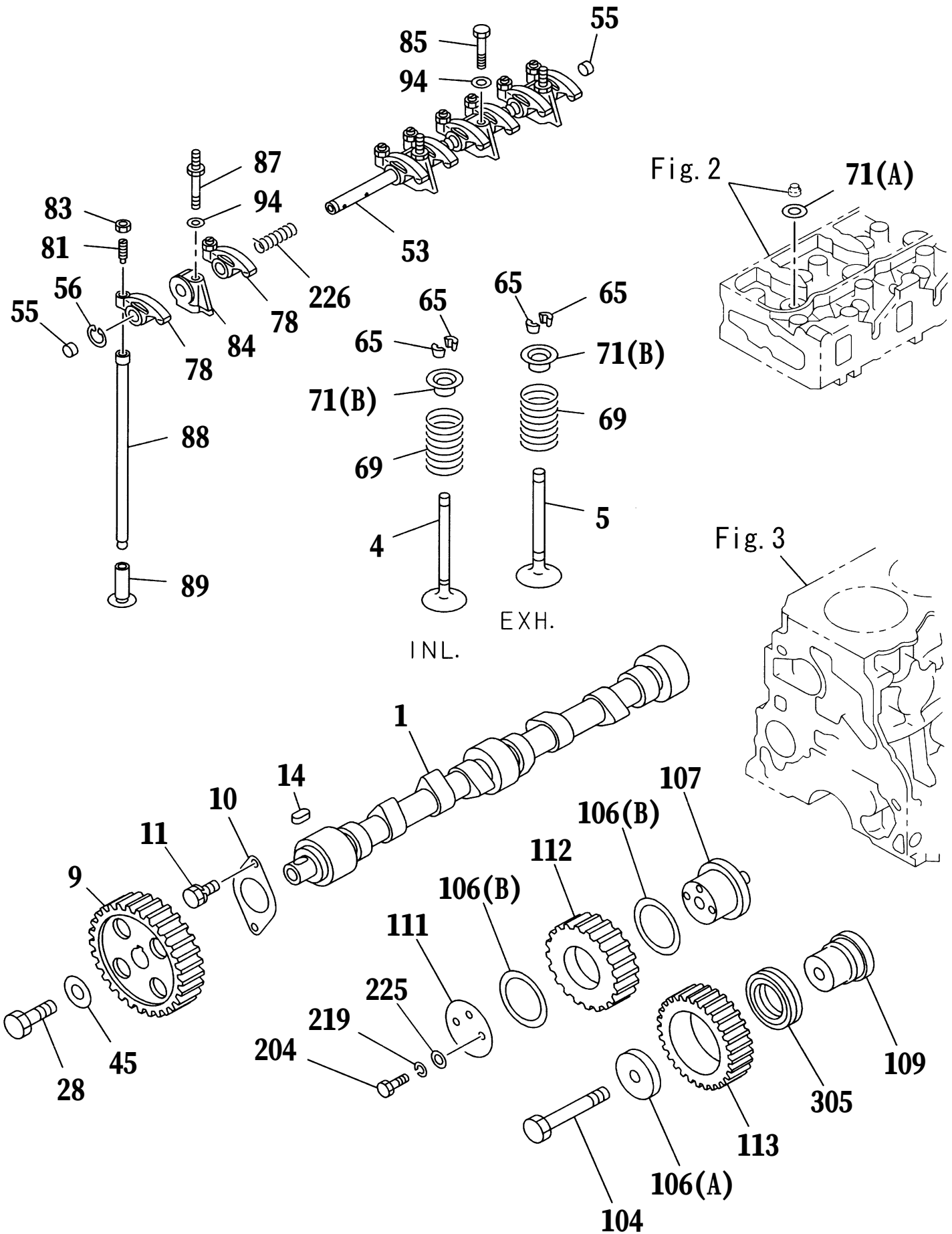
Item ID	Parts Number	部品種類	Qty
1	897352-7442	BLOCK ASM; CYL	1
2	587814-6130	LINER SET; ENG CYL (GRADE=1)	4
	587814-6140	LINER SET; ENG CYL (GRADE=2)	4
	587814-6150	LINER SET; ENG CYL (GRADE=3)	4
	587814-6160	LINER SET; ENG CYL (GRADE=4)	4
4	897176-6990	LINER; C/BL (OD GRD=1, ID GRD=AX)	4
	897176-7000	LINER; C/BL (OD GRD=1, ID GRD=CX)	4
	897176-7010	LINER; C/BL (OD GRD=2, ID GRD=AX)	4
	897176-7020	LINER; C/BL (OD GRD=2, ID GRD=CX)	4
	897176-7030	LINER; C/BL (OD GRD=3, ID GRD=AX)	4
	897176-7040	LINER; C/BL (OD GRD=3, ID GRD=CX)	4
	897176-7050	LINER; C/BL (OD GRD=4, ID GRD=AX)	4
	897176-7060	LINER; C/BL (OD GRD=4, ID GRD=CX)	4
7	909664-0010	PLUG; WATER DRAIN	1
8	894432-6420	BOLT; BRG CAP	10
13	894453-3440	DOWEL; C/BL TO HD	2
15	109605-0500	PLUG; OIL GALLERY	3
21(A)	511219-0170	CUP; SEALING, RR (OD=38)	1
21(B)	511219-0180	CUP; SEALING, RR (OD=36)	1
22	509600-0130	CUP; SEALING, DUCT HOLE	1
23(A)	897036-5501	CUP; SEALING, C/BL FRT & RR (OD=45)	3
23(B)	511219-0080	CUP; SEALING, C/BL FRT & RR (OD=18)	3
23(C)	511219-0150	CUP; SEALING, C/BL FRT & RR (OD=32)	2
23(D)	511219-0180	CUP; SEALING, C/BL FRT & RR (OD=36)	3
25(A)	894427-2062	METAL; CM/SHF (FRONT) (-04.11)	1
	897378-1480	METAL; CM/SHF (FRONT) (04.12-)	1
25(B)	894427-2012	METAL; CM/SHF (CENTER) (-04.11)	2
	897378-1470	METAL; CM/SHF (CENTER) (04.12-)	2
40(A)	511129-0060	CUP; SEALING, C/BL RR (OD=16)	3
40(B)	894250-5141	CUP; SEALING, C/BL RR (OD=56)	1
45(A)	182410-0082	SWITCH; OIL PRESSURE	1
50	908161-0320	PIN; STRAIGHT, RR PLATE	1
53	909606-5350	BOLT; REAMER	1
54	894133-9742	STUD; OIL PAN TO BLOCK (93.11-)	8
	897253-9990	STUD; OIL PAN TO BLOCK (00.06-)	4
63	894456-7943	DUCT; WATER, C/BL	1
97	511129-0030	CUP; SEALING	1
103	894130-0211	NIPPLE; OIL FEED	1
324	897238-9910	ADAPTER; OIL PRESSURE SW	1
450	909111-5100	NUT; REAMER BOLT (-05.12)	1
	091111-5100	NUT; REAMER BOLT (06.01-)	1
453	908151-0500	PIN	2
454	897016-4730	SEAL; C/BL	1
483	909150-5100	WASHER; LK, REAMER BOLT	1



Engine for TL140 4JG1-TPA (ISUZU)
OIL PAN & LEVEL GAUGE

Item ID	Parts Number	部品種類	Qty
1(I)	897253-9900	PAN ASM; OIL (-05.06)	1
1(J)	898020-5360	PAN ASM; OIL (05.07-)	1
2(C)	897239-8071	GAUGE; OIL LEVEL	1
3	109623-0570	GASKET; DRAIN PLUG	1
4	909662-0120	PLUG; DRAIN, OIL	1
8	897352-8860	TUBE; GUIDE, OIL LEVEL GAUGE	1
9(A)	509623-0020	GASKET; GUIDE TUBE, OIL LEVEL GAUGE	2
10	028080-8120	BOLT; GUIDE TUBE (-05.11)	1
	028050-8120	BOLT; GUIDE TUBE (05.12-)	1
16	897080-1940	GASKET; OIL PAN TO C/BL	1
23	894133-9732	BOLT; OIL PAN	9
24	509440-0100	NUT; OIL PAN	13
290(A)	897230-0700	STIFFNER; OIL PAN	1
290(B)	897230-0690	STIFFNER; OIL PAN	1
291(A)	028681-0400	BOLT; STIFFNER, OIL PAN (-05.12)	4
	028651-0400	BOLT; STIFFNER, OIL PAN (06.01-)	4
291(B)	028681-2300	BOLT; STIFFNER, OIL PAN (-05.12)	2
	028651-2300	BOLT; STIFFNER, OIL PAN (06.01-)	2

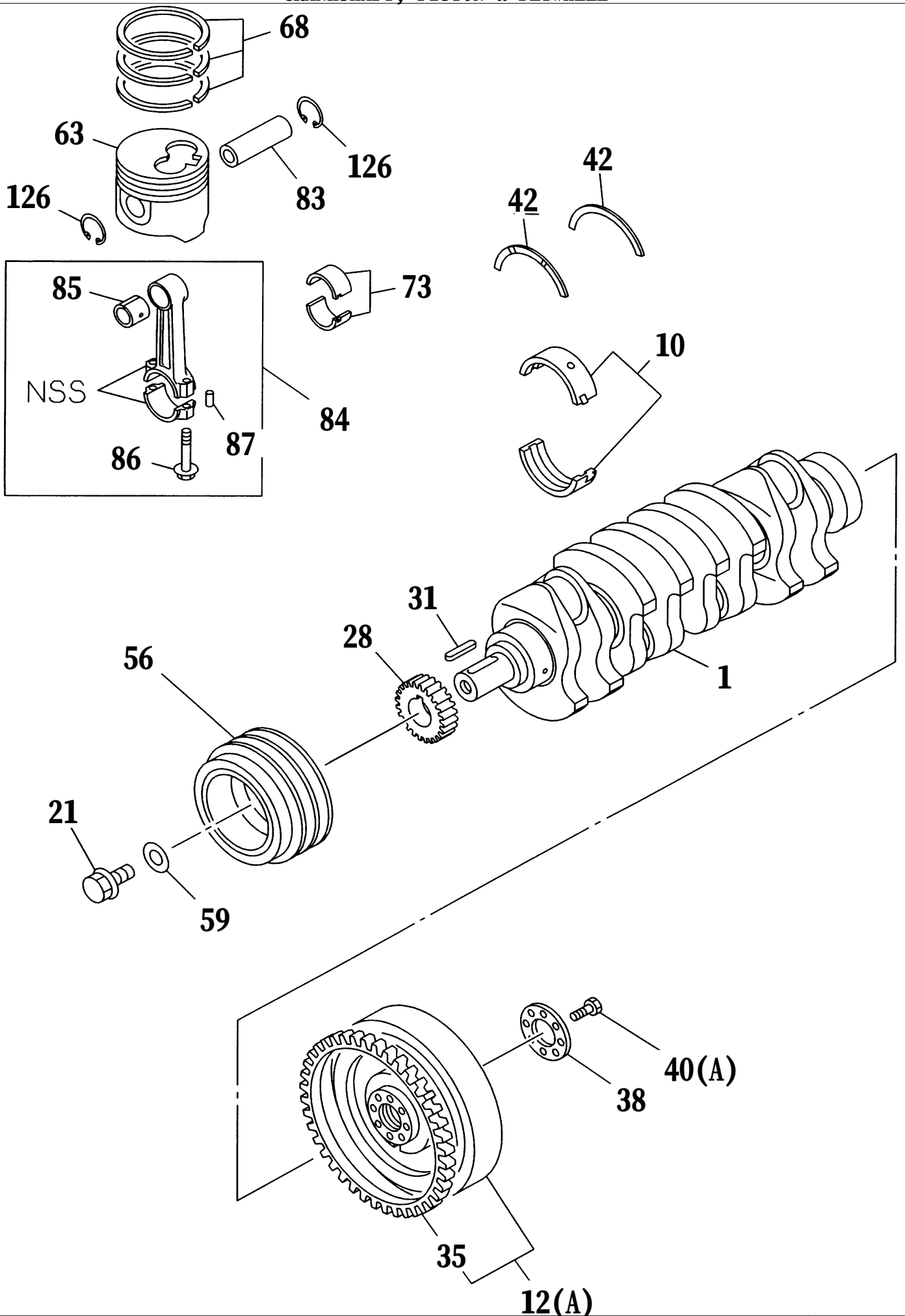
Engine for TL140 4JG1-TPA (ISUZU)
CAMSHAFT & VALVE



Engine for TL140 4JG1-TPA (ISUZU)
CAMSHAFT & VALVE

Item ID	Parts Number	部品種類	Qty
1	897287-6570	CAMSHAFT	1
4	894133-2751	VALVE; INL	4
5	897065-9700	VALVE; EXH	4
9	894328-4480	GEAR; CM/SHF	1
10	894110-4801	PLATE; THRUST	1
11	050040-8160	BOLT; THRUST PLATE TO C/BL (-05.12)	2
	050540-8160	BOLT; THRUST PLATE TO C/BL (06.01-)	2
14	908000-7180	KEY; CM/SHF	1
28	509000-0690	BOLT; CAM PULLEY	1
45	512519-0021	WASHER; GEAR CAM	1
53	894152-3460	SHAFT; ROCKER ARM	1
55	912626-0050	PLUG; ROCKER SHAFT END	2
56	909180-0190	RING; SNAP, ROCKER ARM	2
65	512565-0040	COLLAR; SPLIT	16
69	894252-5361	SPRING; VLV, OUTER	8
71(A)	512563-0010	SEAT; SPR	8
71(B)	894133-7312	SEAT; SPR	8
78	894152-3440	ARM; ROCKER	8
81	894152-2831	SCREW; ADJ, ROCKER ARM	8
83	909111-5080	NUT; ADJ SCREW, LK (-05.12)	8
	091111-5080	NUT; ADJ SCREW, LK (06.01-)	8
84	894152-3451	BRACKET; ROCKER SHAFT, INTER	4
85	894433-3020	BOLT; BRKT	1
87	894433-3040	BOLT; ROCKER SHAFT	3
88	897071-6730	ROD; PUSH	8
89	894438-3051	TAPPET; VLV	8
94	909164-0100	WASHER; PL, BRKT	4
104	028081-2800	BOLT; SHAFT IDLE (-05.11)	1
	028051-2800	BOLT; SHAFT IDLE (05.12-)	1
106(A)	897101-5021	WASHER; IDLE GEAR SHAFT	1
106(B)	897258-7660	WASHER; IDLE GEAR SHAFT	2
107	897253-0940	SHAFT; IDLE GEAR	1
109	897247-2902	SHAFT; IDLE GEAR	1
111	894171-2890	COLLAR; THRUST, IDLE GEAR	1
112	897115-1311	GEAR; IDLE	1
113	897020-5701	GEAR; IDLE	1
204	901065-8650	BOLT; IDLE GEAR SHAFT	2
219	909150-8080	WASHER; LK, SHAFT	2
225	909164-6080	WASHER; PL, THRUST COLLAR & IDLE GEAR	2
226	894433-3030	SPRING; CMPR, ROCKER ARM	3
305	897252-2890	BEARING; IDLE GEAR	1

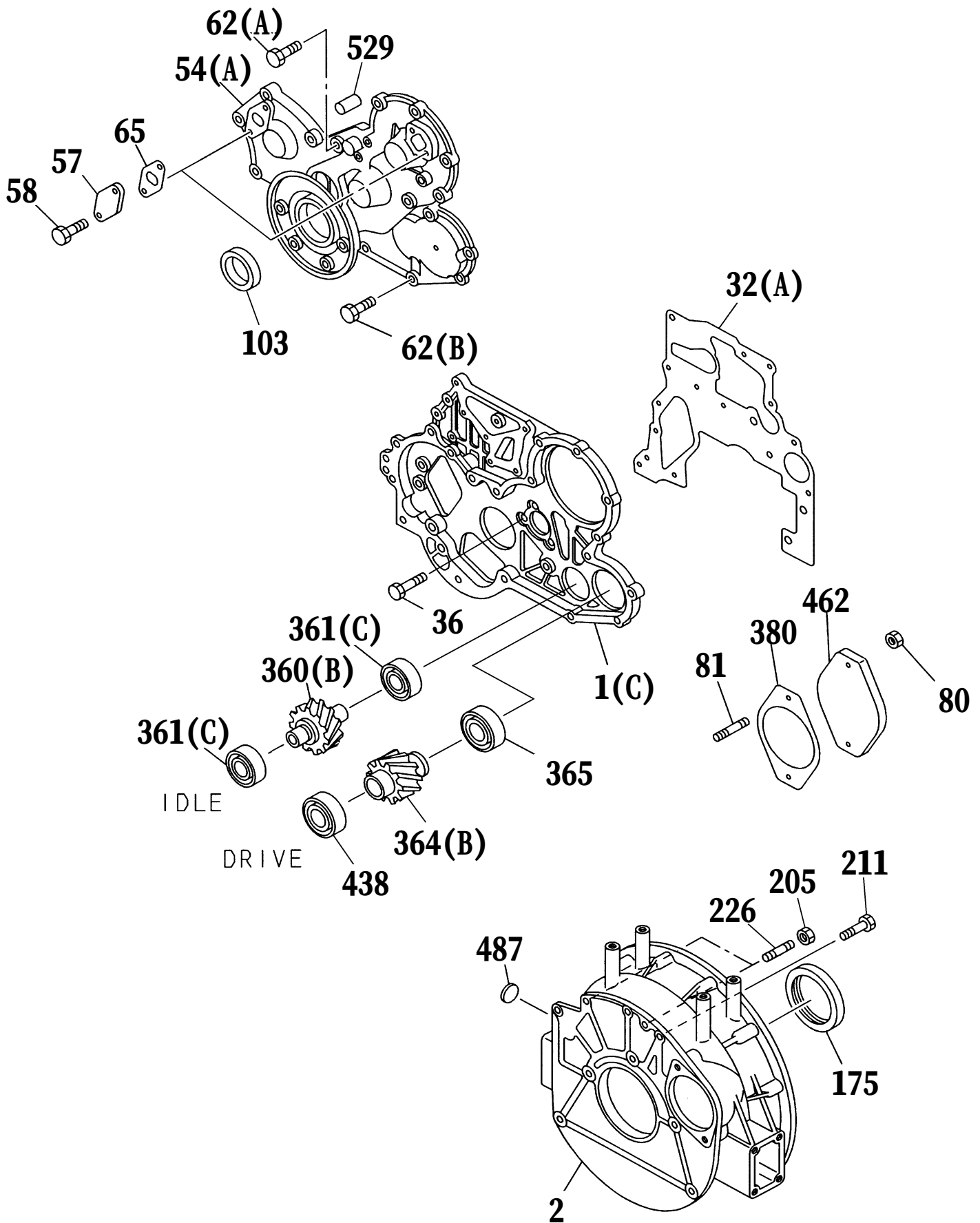
Engine for TL140 4JG1-TPA (ISUZU)
CRANKSHAFT, PISTON & FLYWHEEL



Engine for TL140 4JG1-TPA (ISUZU)
CRANKSHAFT, PISTON & FLYWHEEL

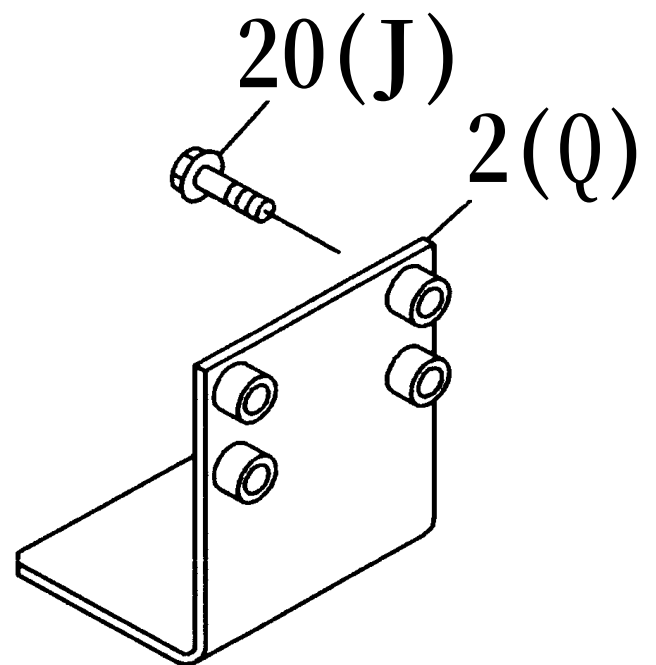
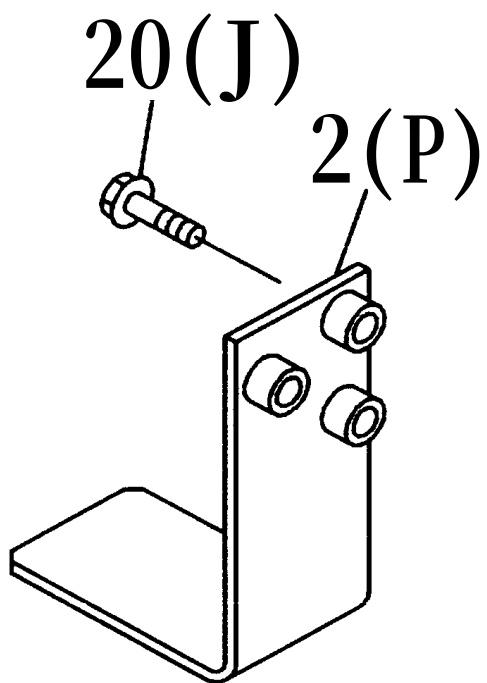
Item ID	Parts Number	部品種類	Qty
1	897190-9301	CRANKSHAFT	1
10	897202-8780	METAL SET; CRANKSHAFT, STD (GRADE=1) (-04.11)	5
	897387-9640	METAL SET; CRANKSHAFT, STD (GRADE=1) (04.12-)	5
	897202-8800	METAL SET; CRANKSHAFT, STD (GRADE=3) (-04.11)	5
	897387-9660	METAL SET; CRANKSHAFT, STD (GRADE=3) (04.12-)	5
	897202-8820	METAL SET; CRANKSHAFT, STD (GRADE=5) (-04.11)	5
	897387-9680	METAL SET; CRANKSHAFT, STD (GRADE=5) (04.12-)	5
12(A)	897239-8312	FLYWHEEL	1
21	894153-7221	BOLT; PULLEY FIX	1
28	894328-4470	GEAR; CR/SHF	1
31	894201-6410	KEY; FEATHER, CR/SHF	1
35	894419-6021	GEAR; RING	1
38	894142-1561	WASHER; FLYWHEEL	1
40(A)	897065-9841	BOLT; FLYWHEEL	8
42	894453-5200	WASHER; THRUST, CR/SHF (-04.11)	2
	897383-7400	WASHER; THRUST, CR/SHF (04.12-)	2
56	897168-0732	PULLEY; CR/SHF DAMPER	1
59	509503-1270	WASHER; CR/SHF PULLEY	1
63	897245-4140	PISTON (GRADE=AX)	4
	897245-4150	PISTON (GRADE=CX)	4
68	897147-9840	RING SET; PISTON, STD	4
73	894324-1590	METAL SET; CONN ROD, STD	4
83	894457-0081	PIN; PISTON	4
84	897289-2631	ROD ASM; CONN (-05.04)	4
	898013-9621	ROD ASM; CONN (05.05-)	4
85	897289-2640	BUSHING; CONNROD	4
86	897062-0860	BOLT; CONNROD	8
87	908160-5080	PIN; CONNROD BIG END	8
126	894460-6870	RING; SNAP, PISTON PIN	8

Engine for TL140 4JG1-TPA (ISUZU)
GEAR CASE & FLYWHEEL HOUSING



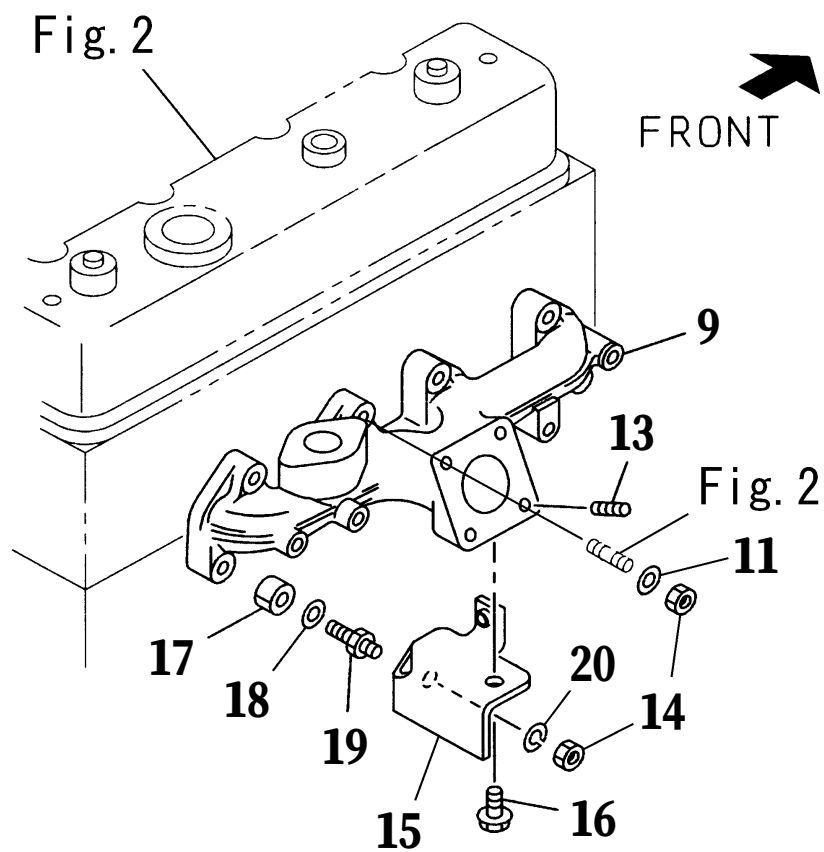
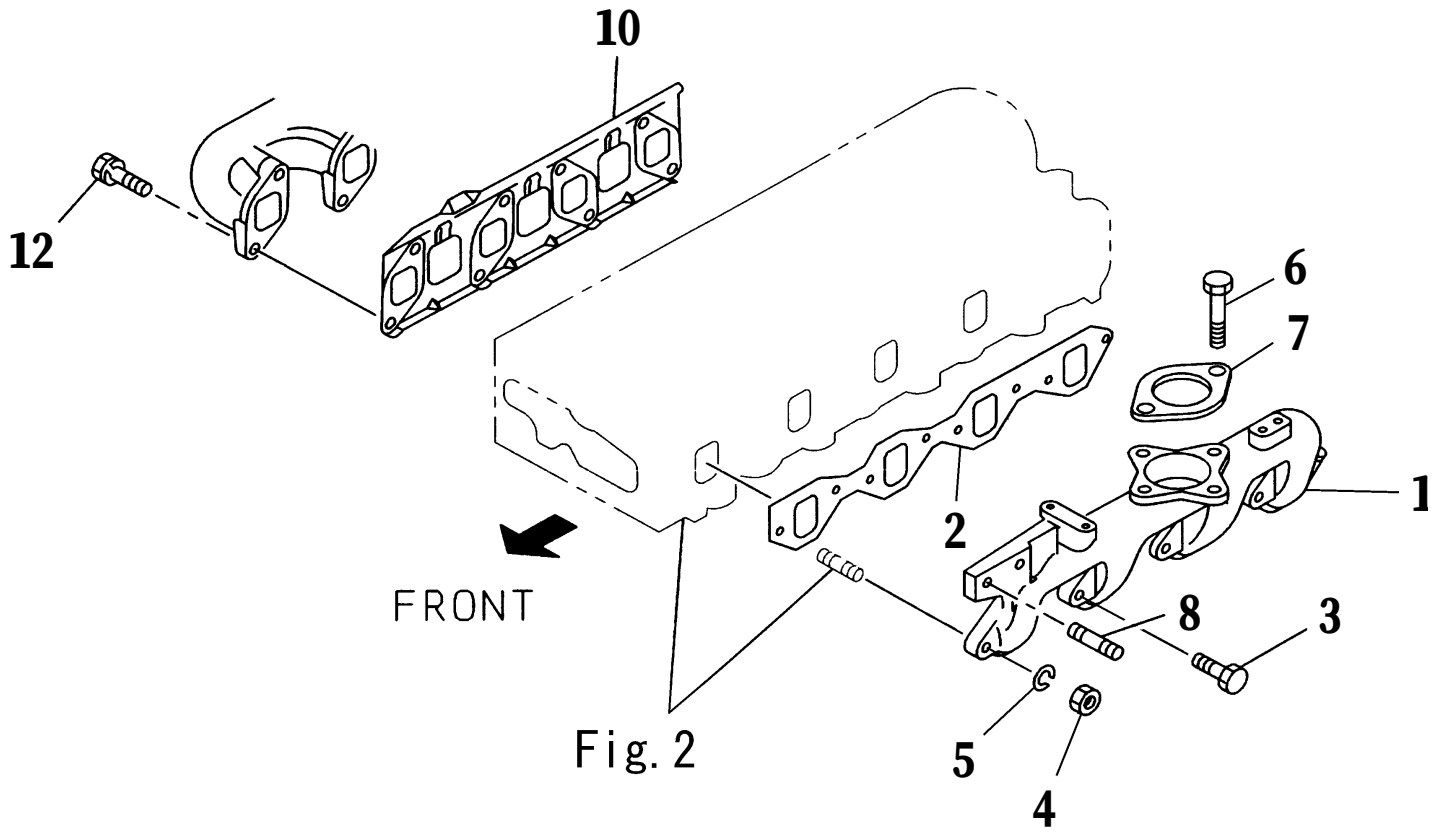
Engine for TL140 4JG1-TPA (ISUZU)
GEAR CASE & FLYWHEEL HOUSING

Item ID	Parts Number	部品種類	Qty
1(C)	897225-4724	CASE; TIMING GEAR	1
2	897218-1121	HOUSING; FLYWHEEL	1
32(A)	897117-2421	GASKET; GEAR CASE TO C/BL	1
36	050040-8200	BOLT; GEAR CASE	7
54(A)	897225-4733	COVER; GEAR CASE	1
57	511321-0090	COVER; TIMING CHECK HOLE	2
58	028080-6120	BOLT; CHECK HOLE COVER (-05.12)	4
	028050-6120	BOLT; CHECK HOLE COVER (06.01-)	4
62(A)	028081-2700	BOLT; COVER (-05.11)	1
	028051-2700	BOLT; COVER (05.12-)	1
62(B)	028080-8400	BOLT; COVER (M8X40 FLANGE) (-05.11)	9
	028050-8400	BOLT; COVER (M8X40 FLANGE) (05.12-)	9
	028080-8600	BOLT; COVER (M8X60 FLANGE) (-05.11)	2
	028050-8600	BOLT; COVER (M8X60 FLANGE) (05.12-)	2
	028080-8700	BOLT; COVER (M8X70 FLANGE) (-05.11)	3
	028050-8700	BOLT; COVER (M8X70 FLANGE) (05.12-)	3
65	897027-6011	GASKET; COVER, TIMING CHECK HOLE	2
80	909110-4100	NUT; COVER (-05.11)	2
	091110-5100	NUT; COVER (05.12-)	2
81	904411-0250	STUD; GEAR CASE COVER FIX	2
103	509625-0790	SEAL; OIL, CR/SHF, FRT	1
175	897071-5611	SEAL; OIL, CR/SHF, RR	1
205	091150-2100	NUT; HSG	2
211	509000-2270	BOLT; HSG (M12X25)	3
	028681-0300	BOLT; HSG (M10X30 FLANGE) (-05.12)	1
	028651-0300	BOLT; HSG (M10X30 FLANGE) (06.01-)	1
226	894107-7260	STUD; HSG	2
360(B)	897302-6870	GEAR; IDLE, PTO	1
361(C)	897303-5640	BEARING; IDLE GEAR	2
364(B)	897302-6880	GEAR; PTO	1
365	897303-5650	BEARING; GEAR	1
380	511322-0180	GASKET; COVER	1
438	897303-5650	BEARING; BALL, PTO FRT	1
462	511321-0360	COVER; ADAPTER	1
487	897220-7400	COVER; HOLE	1
529	908161-0160	PIN; STRAIGHT	1



ENGINE MOUNTING

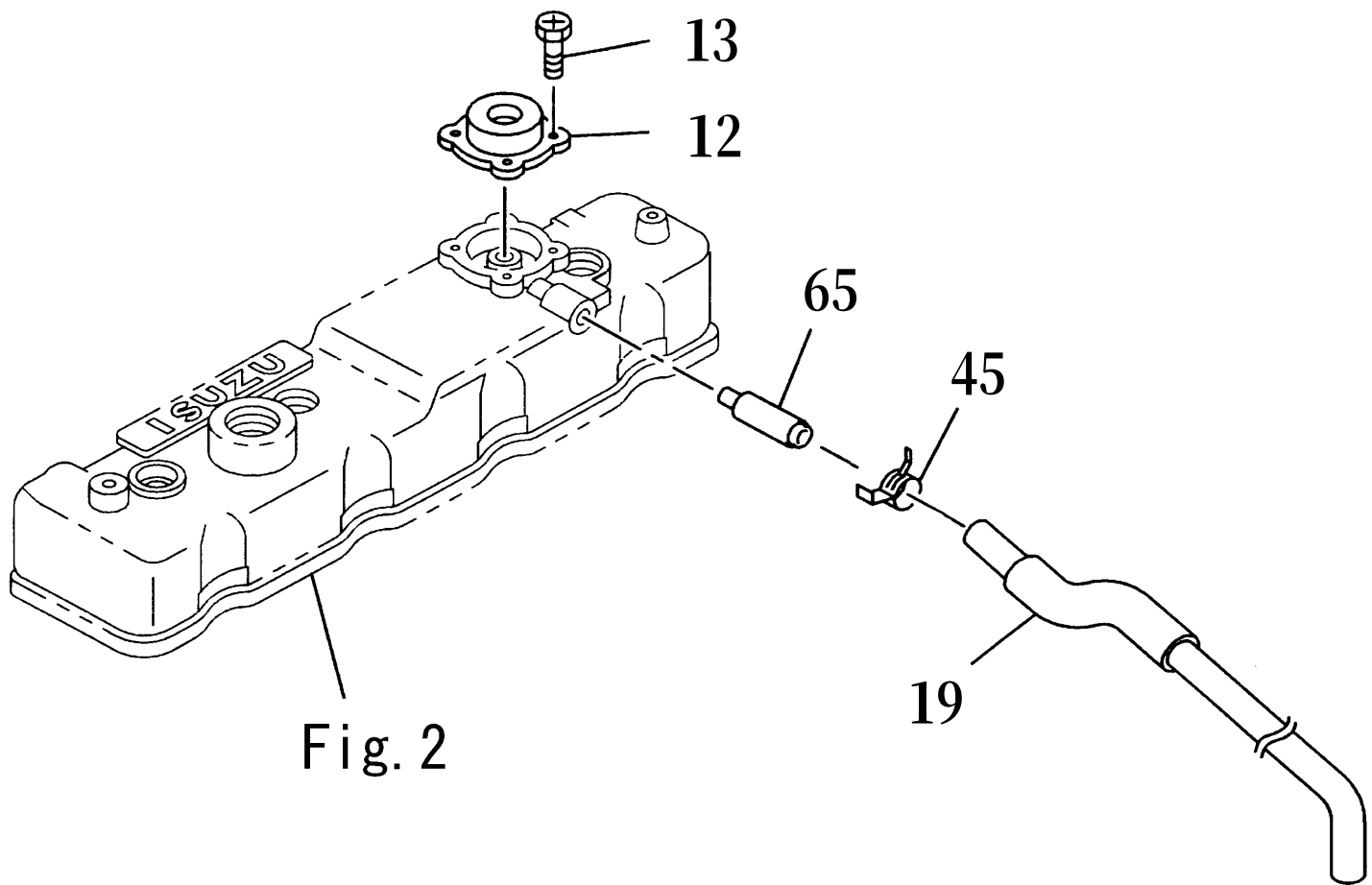
Reference Fig08 1°-2° 08



Engine for TL140 4JG1-TPA (ISUZU)

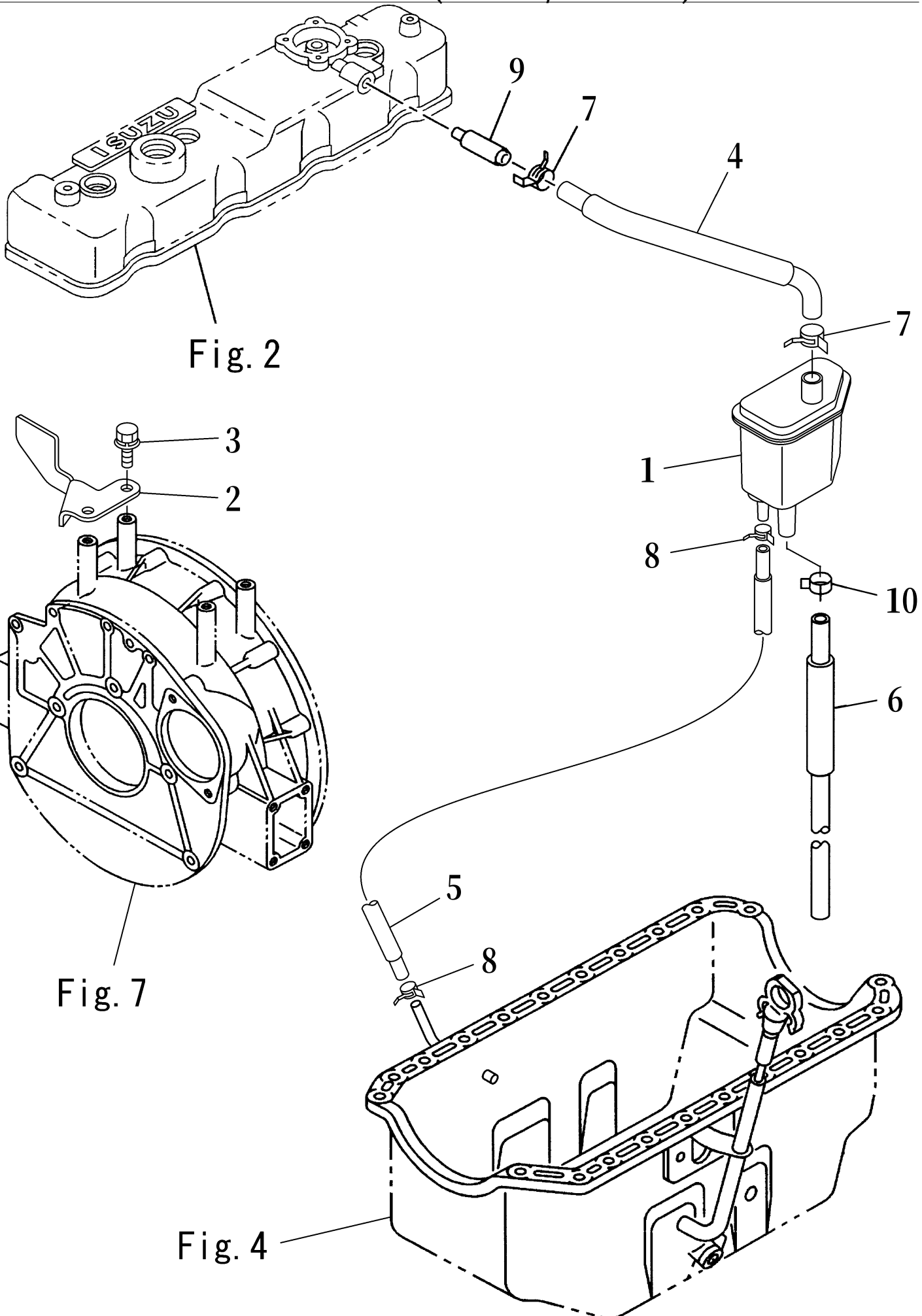
MANIFOLD

Item ID	Parts Number	部品種類	Qty
1	897011-4882	MANIFOLD; INL	1
2	897212-5401	GASKET; INL MANIF TO HD	1
3	028080-8250	BOLT; INL MANIF (-05.12)	6
	028050-8250	BOLT; INL MANIF (06.01-)	6
4	091150-2080	NUT; INL MANIF (-05.12)	2
	091180-2080	NUT; INL MANIF (06.01-)	2
5	909150-5080	WASHER; LK, INL MANIF	2
6	028681-0250	BOLT; INL PIPE TO MANIF (-05.12)	2
	028651-0250	BOLT; INL PIPE TO MANIF (-06.01)	2
7	897022-5711	GASKET; INL PIPE	1
8	909630-0200	STUD; FUEL FILTER	2
9	897039-4733	MANIFOLD; EXHAUST	1
10	897350-3170	GASKET; EXH MANIF TO HD	1
11	897257-9140	WASHER; PL, EXH MANIF	2
12	897131-5971	BOLT; EXH MANIF	6
13	894257-3190	STUD; MANIF TO TURBOCHARGER	4
14	091150-2080	NUT; EXH MANIF (-05.12)	2
	091180-2080	NUT; EXH MANIF (06.01-)	2
15	894449-9453	BRACKET; EXH MANIF	1
16	894312-6991	BOLT; BRKT TO EXH MANIF (-04.08)	1
	897378-0750	BOLT; BRKT TO EXH MANIF (04.09-)	1
17	951249-6040	SPACER; BRKT TO BODY	1
18	909164-7080	WASHER; PL, SPACER	1
19	909630-0341	STUD; BRKT, EXH MANIFOLD	1
20	909150-5080	WASHER; LK, EXH MANIF	1



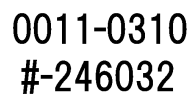
VENTILATION SYSTEM

ページ 10



Engine for TL140 4JG1-TPA (ISUZU)
VENTILATION SYSTEM (Machine S/N 21403031~)

Item ID	Parts Number	部品種類	Qty
1	897232-2113	TANK; CATCH, OIL	1
2	898020-5370	BRACKET; CATCH TANK	1
3	028181-0600	BOLT; BRACKET FIX (-05.11)	2
	028151-0600	BOLT; BRACKET FIX (05.12-)	2
4	898020-4800	HOSE; RUBBER, PCV-TANK	1
5	898020-4820	HOSE; RUBBER, TANK-OILPAN	1
6	898020-4810	HOSE; RUBBER, TANK OUT	1
7	894121-1131	CLIP; HOSE, PCV-TANK	2
8	894238-6100	CLIP; HOSE, TANK-OILPAN	2
9	894250-6151	PIPE; BREATHER	1
10	894121-1131	CLIP; HOSE	1



Engine for TL140 4JG1-TPA (ISUZU)

WATER PUMP

Item ID	Parts Number	部品種類	Qty
1(A)	897333-3950	PUMP ASM; WATER, W/GASKET (93.11-03.10) #-246032	1
	897375-6480	1※PUMP ASM; WATER, W/GASKET (03.11-) #246033-	1
2(B)	894328-8320	HOSE; WATER, BY-PASS	1
3(A)	897095-5120	GASKET; PUMP TO C/BL	1
4	897333-3960	REPAIR KIT; WATER PUMP	1
7	897258-9830	PULLEY; WATER PUMP (93.11-03.10) #-246032	1
	897375-0220	PULLEY; WATER PUMP (03.11-) #246033-	1
18	894114-7270	IMPELLER; WATER PUMP	1
19(B)	894170-1280	GASKET; COVER TO BODY	1
20	894170-1270	COVER; WATER PUMP	1
25	513642-0640	CENTER; WATER PUMP	1
28	909150-5080	WASHER; WATER PUMP	1
31	894111-6150	PIPE; SUCTION, INL	1
32	897237-5320	SEAL UNIT; WATER PUMP	1
34	903065-8160	SCREW; COVER TO BODY, WATER PUMP	3
36	028680-8400	BOLT; WATER PUMP TO C/BL (M10X40 FLANGE) (-01.03)	1
	028080-8400	BOLT; WATER PUMP TO C/BL (M10X40 FLANGE) (01.04-05.11)	1
	028050-8400	BOLT; WATER PUMP TO C/BL (M10X40 FLANGE) (05.12-)	1
	028080-8600	BOLT; WATER PUMP TO C/BL (M10X60 FLANGE) (-05.11)	2
	028050-8600	BOLT; WATER PUMP TO C/BL (M10X60 FLANGE) (05.12-)	2
37	894110-5600	BEARING UNIT; WATER PUMP	1
38	909814-0141	SCREW; WATER PUMP	1
39	913639-0010	THROWER; WATER PUMP	1
40(A)	909110-4080	NUT; WATER PUMP (-05.11)	3
	091110-5080	NUT; WATER PUMP (05.12-)	3
42	904110-8400	STUD; WATER PUMP (M8X40 L=52)	1
52	909150-5080	WASHER; LK, WATER PUMP	3
79	897310-6880	BRACKET; WATER PUMP	1
95	050140-8200	BOLT; CLIP	2
97	897306-0970	PIPE; WATER (00.11-03.10) #-246032	1
	897374-7050	PIPE; WATER (03.11-) #246033-	1
101	897310-6840	CLIP; WATER PUMP	1
113	509605-0050	PLUG; WATER PUMP	1
471	109700-9440	1※CLIP; HOSE	1
561(A)	897374-7060	1※HOSE; OIL COOLER	1

THERMOSTAT & HOUSING

