

How to read this Parts Catalog

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.

Y00F2161 (1997.09.01)

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

見出 REF. No.	レベル LEV.	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) BOOST COMPENSATOR TYPE. OPTIONAL PART, TO E/# 00155. (4JH - DT, 4JH - DTZ)
1-1	•	729595-51391	F0ポンプ ASY(ブーコン用)	FULE INJECTION PUMP	1	1	1	1	1	1	
3	••	26022-060162	ナメコネジ M 6X 16	SCREW M 6X 16	9	9	9	9	9	9	
1 3-1	••	26022-060162	ナメコネジ M 6X 16	SCREW M 6X 16	4	4	4	4	4	4	
4	••	129470-51040	カムシャフト	CAMSHAFT	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	
6	••	129470-51060	ベアリング#サイ	RETAINER	1	1	1	1	1	1	

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

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.

② Lev.(Level)

Indication and Meaning of Level

Level : Hereunder is given the relation among the number of dots(•), the level and the nominal parent- child relationship.

-Parent parts(Assembly parts)
-Child parts included in "•" (Semi- Assembly parts, component parts of Assembly parts.)
-Child parts included in "••", Grand- child parts in terms of "•".
 (Component parts of Semi- Assembly parts.)

Note) A parts of non- sale parts are illustrated but not listed.

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

Engine for TL220 4TNV84T-ZKTBL
How to read Parts Catalog

Product: Takeuchi TL220 Crawler Loader Parts Manual(Book No. BU0Z000/BU0Z001)

Full Download: <https://www.arepairmanual.com/downloads/takeuchi-tl220-mini-compact-excavator-parts-manualbook-no-bu0z000bu0z001/>

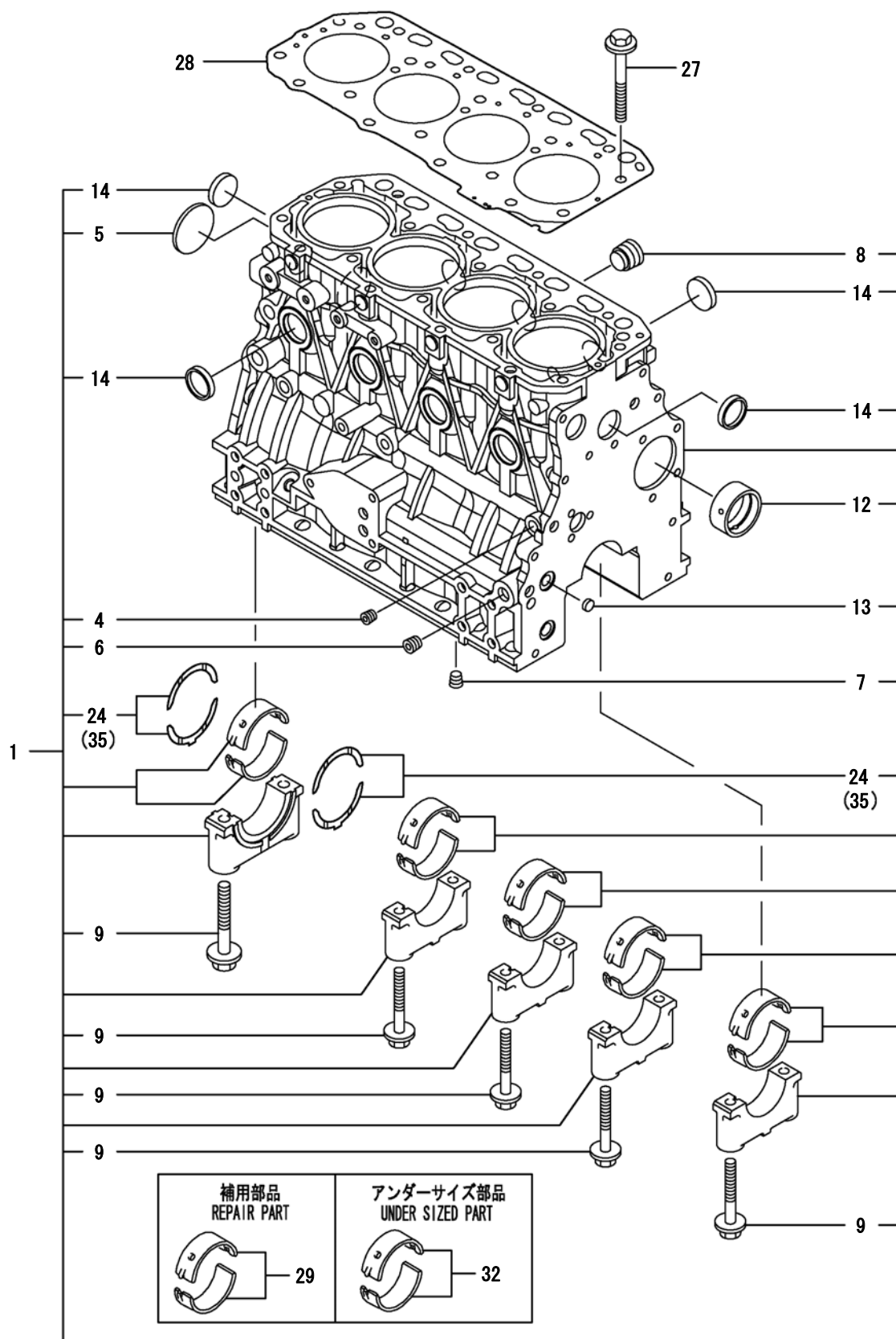
Parts Number
ENGINE 4TNV84T-ZKTBL 2008. 02. 5

Sample of manual. Download All 46 pages at:

<https://www.arepairmanual.com/downloads/takeuchi-tl220-mini-compact-excavator-parts-manualbook-no-bu0z000bu0z001/>

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Fig19	ELECTRIC PARTS
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Engine for TL220 4TNV84T-ZKTBL
CYLINDER BLOCK

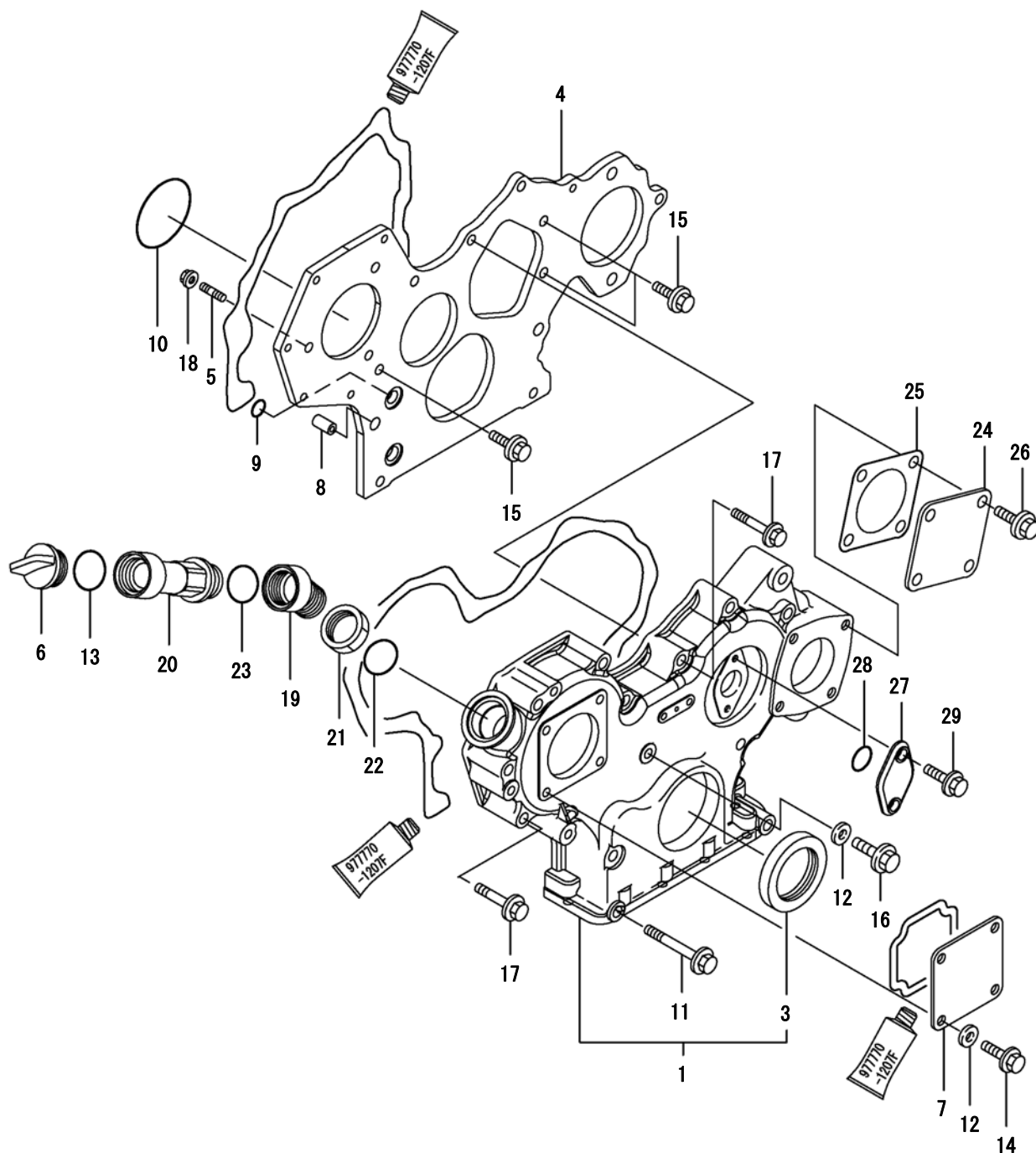


Y00D9950	1, シリンダブロック			
4TNV84T-ZKTBL	1, 08/01	2	3	PLUS

Engine for TL220 4TNV84T-ZKTBL
CYLINDER BLOCK

Item ID	Parts Number	部品種類	Qty
1	729509-01560	BLOCK ASSY, CYLINDER	1
4	124060-01050	· PLUG PT1/8	1
5	129001-01250	· PLUG 50	1
6	124160-01910	· PLUG PT1/4	2
7	124160-01910	· PLUG PT1/4	1
8	171051-01921	· PLUG	1
9	129150-02020	· BOLT, METAL CAP	10
12	129795-02412	· BUSH, CAMSHAFT	1
13	27241-120000	· PLUG 12	2
14	27241-300000	· PLUG 30	8
24	129150-02931	· METAL, THRUST	2
27	129150-01200	STUD, CYL. HEAD	18
28	129508-01330	GASKET, HEAD	1
29	129001-02931	MAIN BEARING SET	5
32	129150-02871	MAIN METAL US=0.25	5
35	129150-02941	METAL, THRUST. 25 (4PIE	1

Engine for TL220 4TNV84T-ZKTBL
GEAR HOUSING



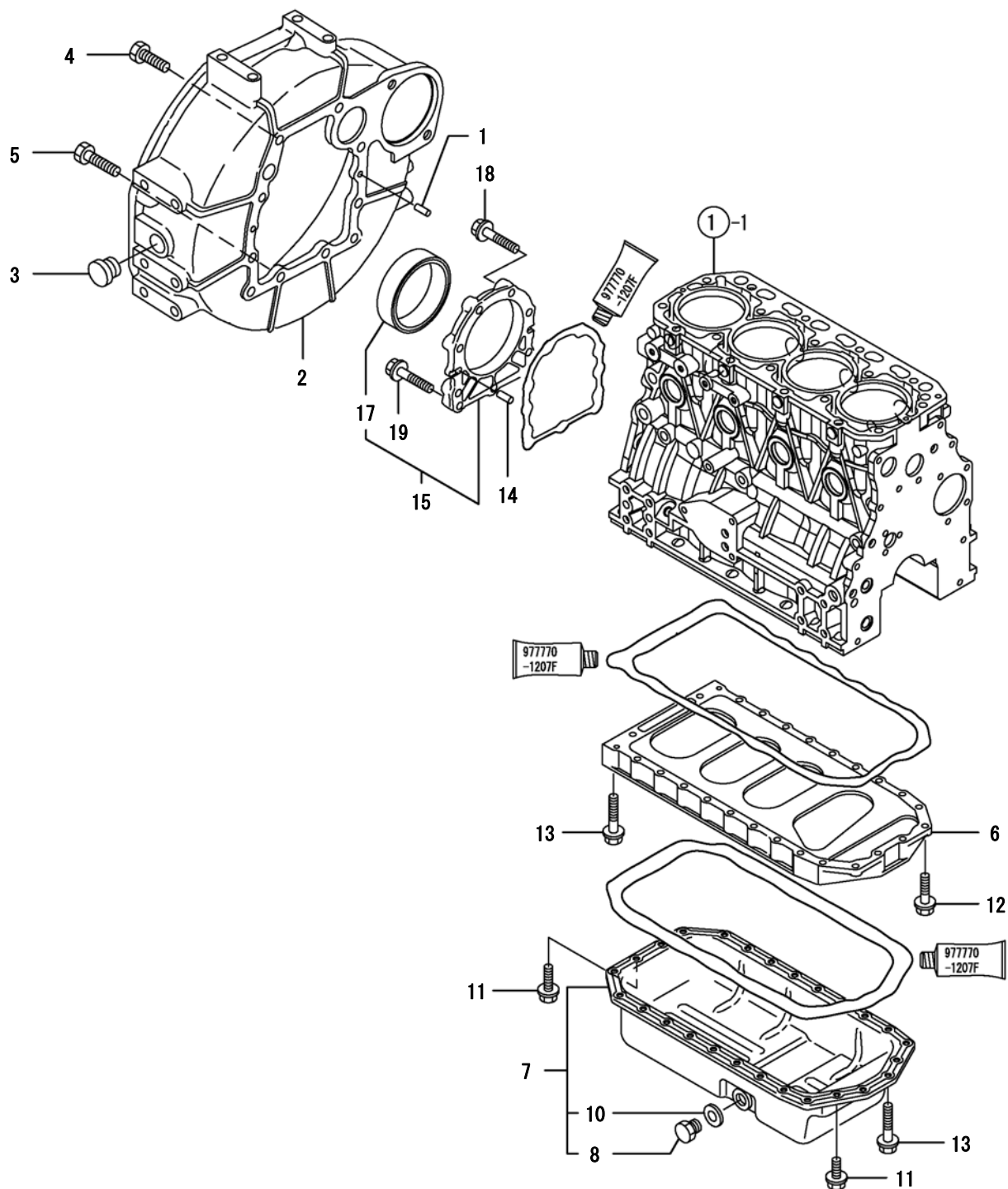
Y00D9950	2. ギヤケース			
4TNV84T-ZKTBL	1, 08/01	2	3	PLUS

Engine for TL220 4TNV84T-ZKTBL

GEAR HOUSING

Item ID	Parts Number	部品種類	Qty
1	729652-01500	GEAR CASE ASSY	1
3	119934-01800	· SEAL, OIL	1
4	129604-01520	FLANGE, GEAR CASE	1
5	119802-01561	STUD, M8X25	3
6	124160-01751	COVER, FILLER	1
7	124240-01871	COVER, HO-P	1
8	129795-01950	PIPE, KNOCK L=18	2
9	119609-32040	O-RING P16	2
10	121850-51960	O-RING, F. I. PUMP	1
11	129001-91841	BOLT M 8X 85 PLATED	3
12	22190-080002	SEAL WASHER 8S	5
13	24311-000320	O-RING 1A P-32.0	1
14	26106-080162	BOLT M 8X 16 PLATED	4
15	26106-080162	BOLT M 8X 16 PLATED	3
16	26106-080302	BOLT M 8X 30 PLATED	1
17	26106-080552	BOLT M 8X 55 PLATED	10
18	26306-080002	NUT	3
19	119225-11740	ADAPTOR, OIL FILLER	1
20	171031-11741	PIPE	1
21	119225-11750	NUT, OIL FILLER	1
22	24311-000300	O-RING 1A P-30.0	1
23	24311-000320	O-RING 1A P-32.0	1
24	124240-01871	COVER, HO-P	1
25	124240-01883	GASKET, (NON-ASB.)	1
26	26106-080122	BOLT M 8X 12 PLATED	4
27	121023-01551	COVER, BLIND	1
28	24341-000240	O-RING 1A S-24.0	1
29	26106-060162	BOLT M 6X 16 PLATED	2

Engine for TL220 4TNV84T-ZKTBL
FLYWHEEL HOUSING & OIL SUMP

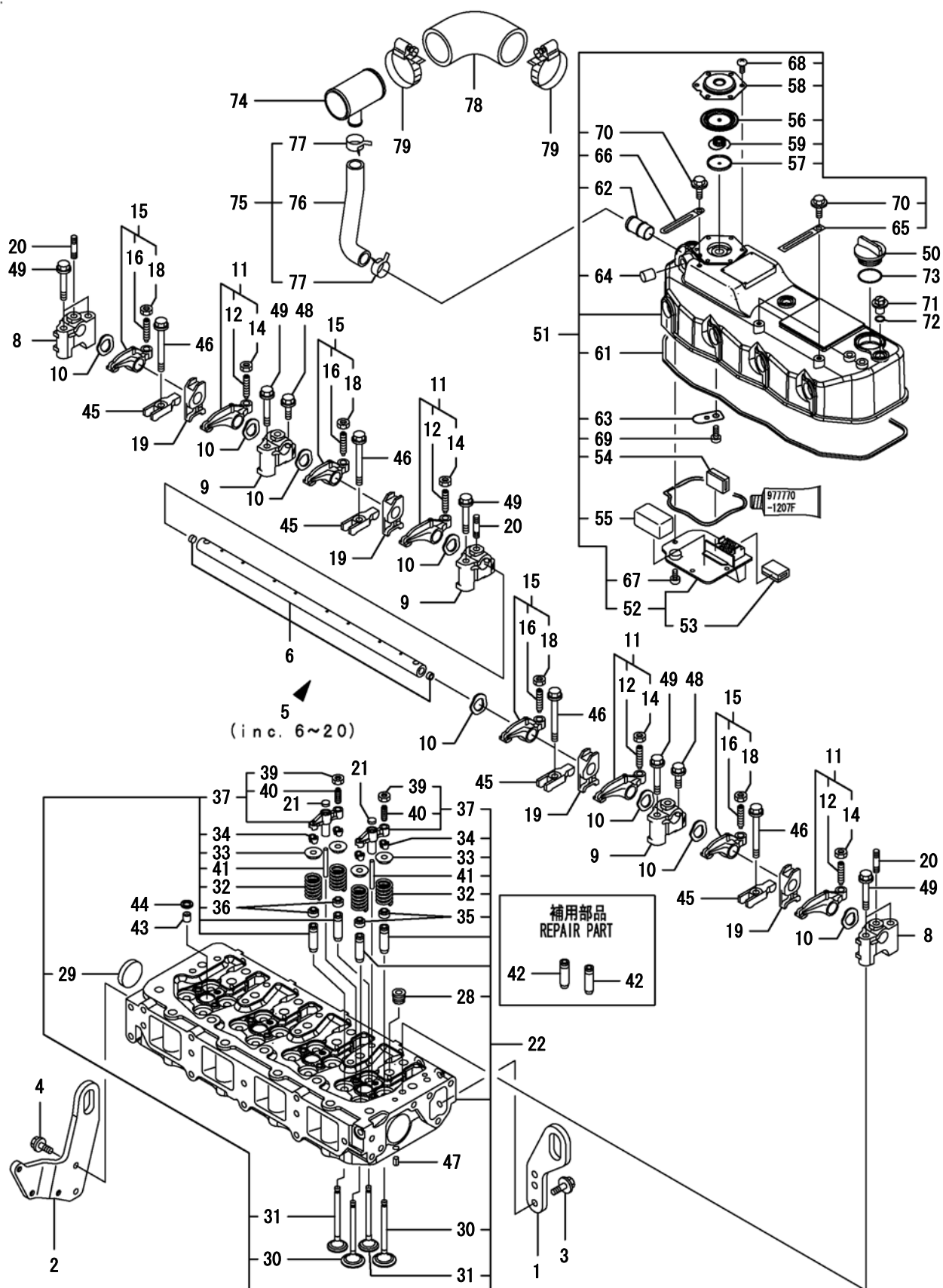


Y00D9950	3, フライホイールハウジング & オイルパン			
4TNV84T-ZKTBL	1, 08/01	2	3	PLUS

Engine for TL220 4TNV84T-ZKTBL
FLYWHEEL HOUSING & OIL SUMP

Item ID	Parts Number	部品種類	Qty
1	129100-01580	PARALLEL PIN 8X16	2
2	129612-01600	HOUSING, FLYWHEEL	1
3	119620-01750	CAP, FLYWHEEL COVER	1
4	26206-100252	BOLT M10X25	6
5	26206-100302	BOLT M10X30	4
6	129400-01730	SPACER, OIL SUMP	1
7	129400-01770	SUMP ASSY, LUB. OIL	1
8	119640-01640	· DRAIN PLUG M22	1
10	22190-220002	· SEAL WASHER 22S	1
11	26106-080162	BOLT M 8X 16 PLATED	4
12	26106-080252	BOLT M 8X 25 PLATED	2
13	26106-080452	BOLT M 8X 45 PLATED	24
14	129100-01580	PARALLEL PIN 8X16	2
15	129100-01640	CASE ASSY, OIL SEAL	1
17	129795-01780	· SEAL, OIL	1
18	129486-01670	BOLT M8X30, COLLAR HD	6
19	26106-080352	BOLT M 8X 35 PLATED	3

Engine for TL220 4TNV84T-ZKTBL
CYLINDER HEAD & BONNET

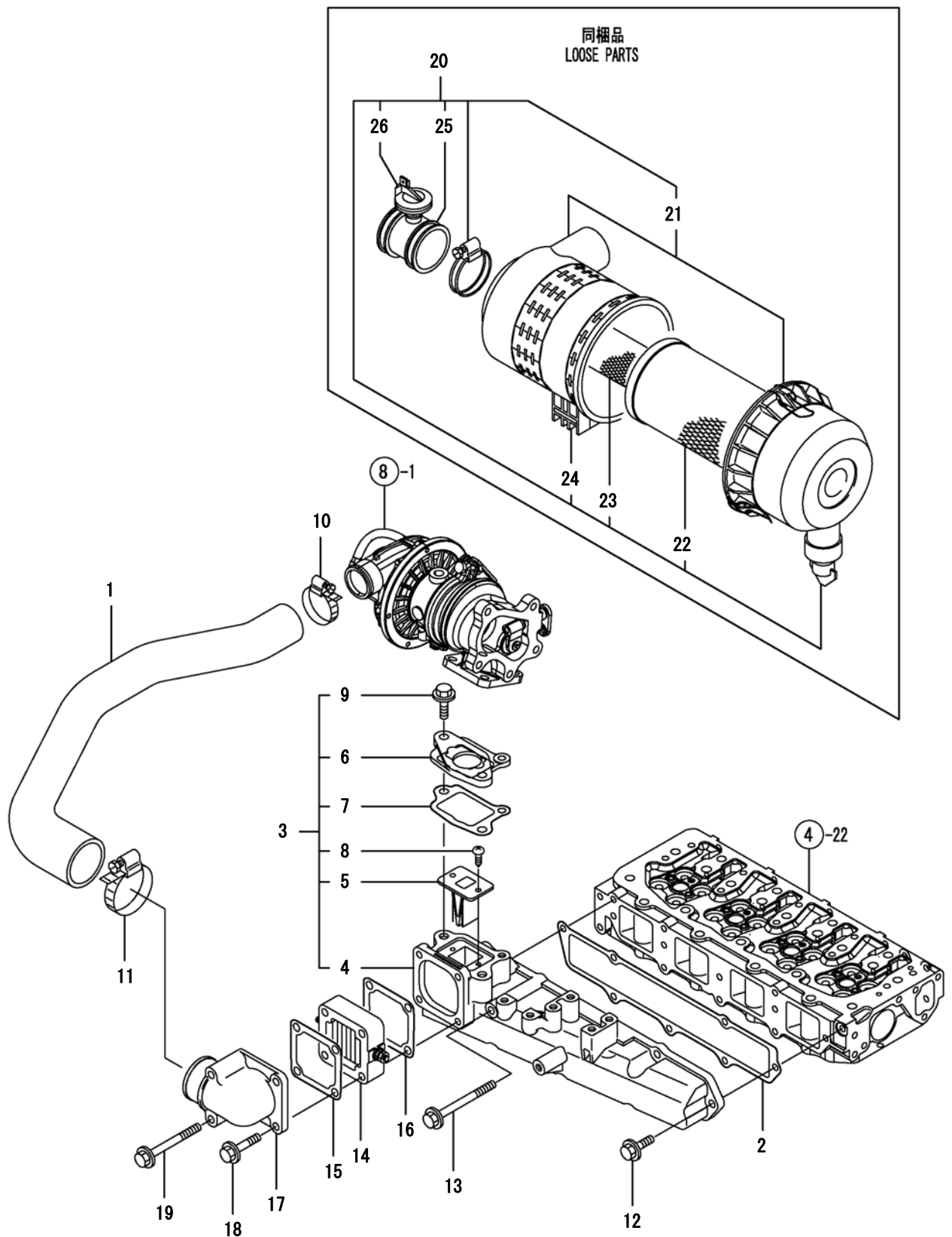


Y00D9950	4, シリンダヘッド & ボンネット			
4TNV84T-ZKTBL	1, 08/01	2	3	PLUS

Engine for TL220 4TNV84T-ZKTBL
CYLINDER HEAD & BONNET

Item ID	Parts Number	部品種類	Qty
1	129486-07901	LIFTINGS	1
2	129928-07900	LIFTER, ENGINE	1
3	26106-080162	BOLT M 8X 16 PLATED	2
4	26106-080202	BOLT M 8X 20 PLATED	2
5	129508-11241	SHAFT ASSY, ROCKER	1
6	129508-11250	· SHAFT	1
8	129508-11260	· SUPPORT, ROCKER ARM	2
9	129508-11270	· SUPPORT, ROCKER ARM	3
10	129508-11280	· WASHER, WAVE M	8
11	129508-11650	· ARM ASSY, ROCKER	4
12	129150-11230	· · SCREW, VALVE	4
14	129150-11750	· · NUT M8XP1.0	4
15	129508-11660	· ARM ASSY, ROCKER	4
16	129150-11230	· · SCREW, VALVE	4
18	129150-11750	· · NUT M8XP1.0	4
19	129508-11920	· PEDESTAL, RETAINER	4
20	26226-080352	· STUD M 8X 35 PLATED	3
21	123907-11550	SEAT A, VALVE BRIDGE	8
22	129509-11700	HED ASSY, CYLINDER	1
28	23876-020000	· PLUG PT1/4, SCREW	4
29	27241-400000	· PLUG 40	2
30	129508-11100	· VALVE, INTAKE	8
31	129508-11110	· VALVE, EXHAUST	8
32	129508-11130	· SPRING, VALVE	16
33	129508-11180	· RETAINER, SPRING	16
34	119717-11190	· COTTER, VALVE	32
35	119717-11340	· SEAL, VALVE STEM	8
36	119717-11350	· SEAL, VALVE STEM	8
37	129672-11510	· BRIDGE, VALVE	8
39	129150-11750	· · NUT M8XP1.0	8
40	123907-11830	· · SCREW, VALVE BRIDGE	8
41	129508-11820	· GUIDE, VALVE BRIDGE	8
42	119717-11800	GUIDE, VALVE	16
43	119802-11870	PROTECTOR, NOZZLE	4
44	119625-11880	SEAT, NOZZLE	4
45	129508-11900	RETAINER, F. I. VALVE	4
46	129907-11950	FLANGE BOLT, RETAINER	4
47	22351-060012	SPRING PIN 6X12	2
48	26106-080252	BOLT M 8X 25 PLATED	3
49	26106-080502	BOLT M 8X 50 PLATED	7
50	124160-01751	COVER, FILLER	1
51	129509-11350	BONNET ASSY	1
52	129508-03010	· PLATE, BAFFLE	1
53	119802-03070	· · BAFFLE, BREATHER	1
54	129150-03070	· BAFFLE, BREATHER	1
55	129907-03070	· BAFFLE	1
56	123907-03100	· DIAPHRAGM, BREATHER	1
57	123907-03110	· CENTER PLATE	1
58	123907-03120	· PLATE, BREATHER	1
59	123907-03140	· SPRING, DIAPHRAGM	1
61	129508-11310	· PK, BONNET	1
62	129001-11340	· HOSE	1
63	129009-11340	· SPRING, PLATE	1
64	119640-61400	· PLUG	1
65	129509-79700	· CLIP	2
66	175339-79700	· CLIP	1
67	22857-500100	· SCREW 5X10, TAPPING	4
68	22857-500100	· SCREW 5X10, TAPPING	6
69	22857-500100	· SCREW 5X10, TAPPING	1
70	26106-060122	· BOLT M 6X 12 PLATED	3
71	124160-11360	KNOB	3
72	24311-000120	O-RING 1A P 12.0	3
73	24311-000320	O-RING 1A P-32.0	1
74	129509-03050	JOINT, BREATHER	1
75	129509-03080	HOSE CMP, BREATHER	1
76	129509-03090	· HOSE, BREATHER	1
77	129410-03990	· CLAMP 22	2
78	129509-12070	HOSE, INTAKE	1
79	23000-060000	CLAMP 60	2

Engine for TL220 4TNV84T-ZKTBL
SUCTION MANIFOLD & AIR CLEANER

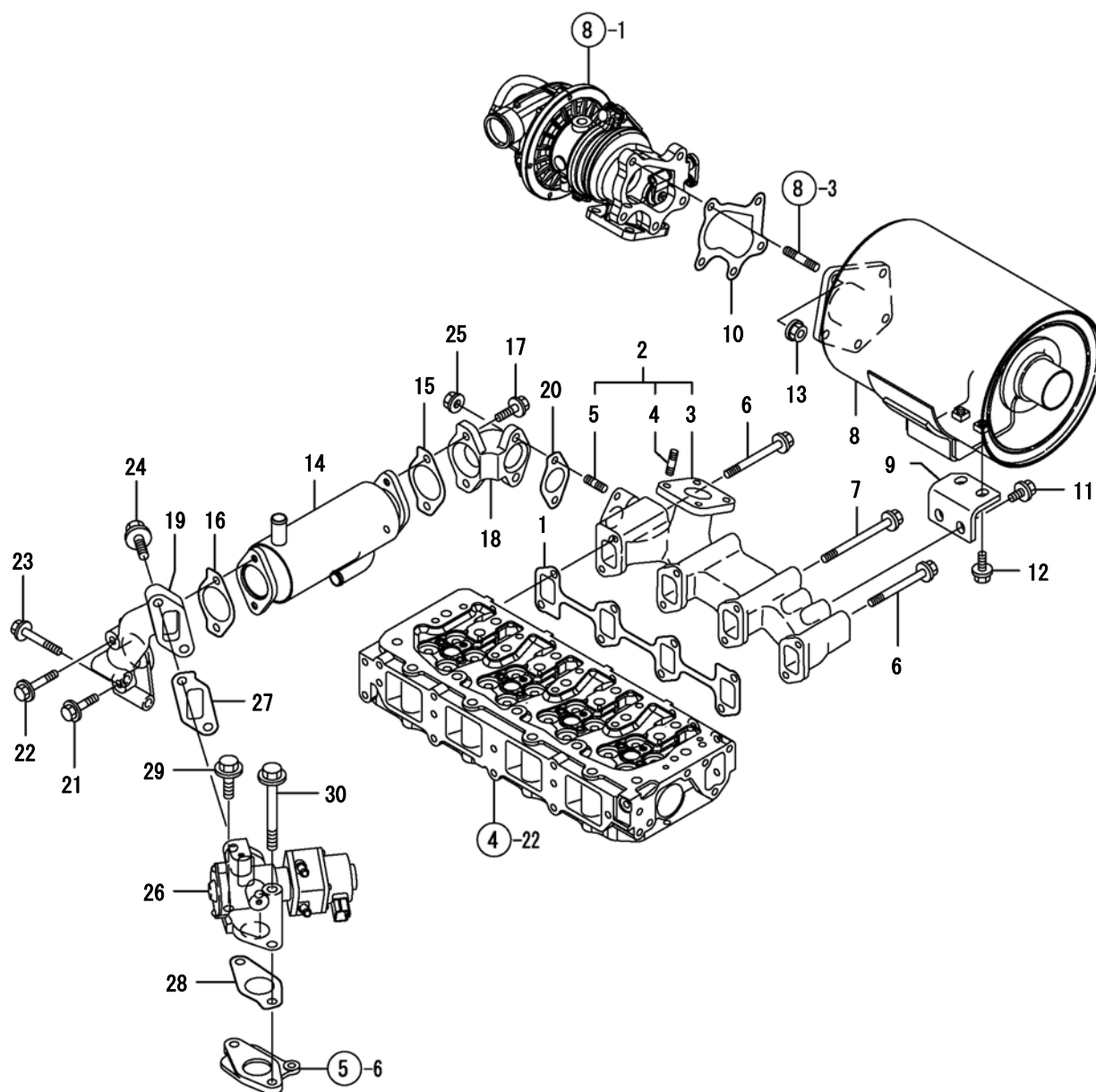


Y00D9950	5. キュウキマニホルド & エアクリーナ			
4TNV84T-ZKTBL	1, 08/01	2	3	PLUS

Engine for TL220 4TNV84T-ZKTBL
SUCTION MANIFOLD & AIR CLEANER

Item ID	Parts Number	部品種類	Qty
1	129509-12060	HOSE, INTAKE	1
2	129508-12110	GASKET, MAFIFOLD	1
3	129509-12150	MANIFOLD CMP, INTAKE	1
4	129509-12100	· MANIFOLD, INTAKE	1
5	129509-13700	· VALVE	1
6	129509-13710	· SPACER (EGR VALVE	1
7	129509-13720	· GASKET	1
8	22857-500160	· SCREW 5X16	2
9	26106-080202	· BOLT M 8X 20 PLATED	1
10	23000-048000	CLAMP 48	1
11	23000-060000	CLAMP 60	1
12	26106-080202	BOLT M 8X 20 PLATED	5
13	26106-080902	BOLT M 8X 90 PLATED	2
14	129100-77501	HEATER, AIR	1
15	129100-77510	GASKET, AIR HEATER	1
16	129150-77511	GASKET, (NON-ASB.)	1
17	171340-77520	BEND	1
18	26106-080402	BOLT M 8X 40 PLATED	2
19	26106-080802	BOLT M 8X 80 PLATED	2
20	129536-12510	CLEANER ASSY, AIR	1
21	129536-12610	· HOUSING BOTTOM	1
22	129939-12621	· MAIN ELEMENT	1
23	129939-12630	· SECONDARY ELEMENT	1
24	129939-12640	· BLACKET	1
25	129939-12650	· CONNECTINNG SOCKET	1
26	129948-12660	· SERVICE SWITCH	1

Engine for TL220 4TNV84T-ZKTBL
EXHAUST MANIFOLD & SILENCER

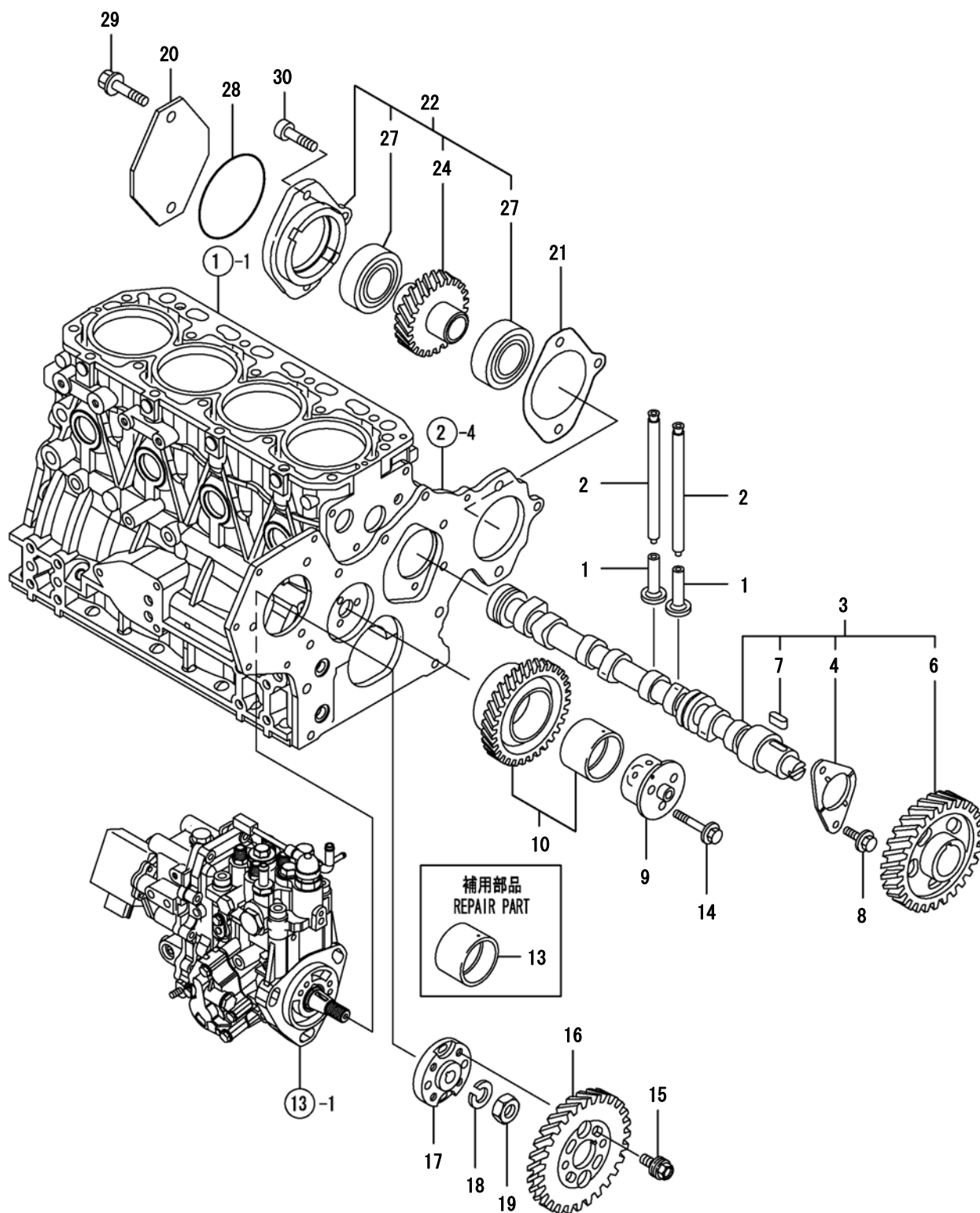


Y00D9950	6, ハイキマニホールド & サイレンサ			
4TNV84T-ZKTBL	1, 08/01	2	3	PLUS

Engine for TL220 4TNV84T-ZKTBL
EXHAUST MANIFOLD & SILENCER

Item ID	Parts Number	部品種類	Qty
1	129550-13110	GASKET, EXH. MANIFOLD	1
2	129509-13150	MANIFOLD ASSY, EXH	1
3	129509-13100	· MANIFOLD, EXHAUST	1
4	129418-18320	· STUD BOLT M8X20	4
5	129418-18320	· STUD BOLT M8X20	2
6	123900-13630	BOLT 8X80	4
7	129693-44310	BOLT(CFW COOLER	4
8	129648-13520	MUFFLER	1
9	129648-13570	SUPPORT, SILENCER	1
10	129508-18090	GASKET, TURBOCHARGER	1
11	26106-080142	BOLT 8X 14 PLATED	2
12	26106-080202	BOLT M 8X 20 PLATED	2
13	26306-080002	NUT	5
14	129509-13400	EGR COOLER	1
15	129928-13410	GASKET, EGR COOLER	1
16	129928-13410	GASKET, EGR COOLER	1
17	119802-13790	BOLT, M8X25	2
18	129928-13800	PIPE(EGR IN	1
19	129509-13810	PIPE(EGR OUT	1
20	129927-13810	GASKET, EGR PIPE	1
21	26106-080352	BOLT M 8X 35 PLATED	1
22	26106-080452	BOLT M 8X 45 PLATED	1
23	26106-080552	BOLT M 8X 55 PLATED	2
24	26106-100252	BOLT M10X 25 PLATED	2
25	26306-080002	NUT	2
26	129927-13900	EGR VALVE	1
27	129927-13910	GASKET(EGR-V IN	1
28	129927-13920	GASKET(EGR-V OUT	1
29	26106-100402	BOLT M10X 40 PLATED	1
30	26106-101052	BOLT M10X105 PLATED	1

Engine for TL220 4TNV84T-ZKTBL
CAMSHAFT & DRIVING GEAR

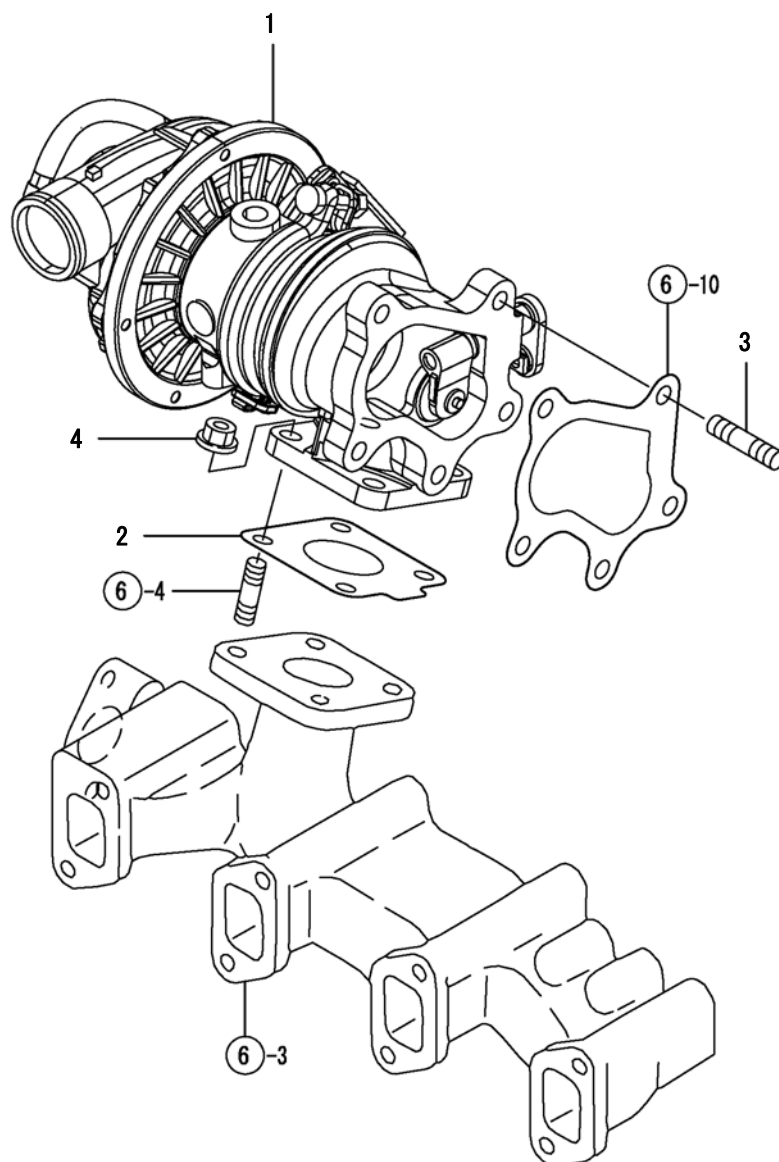


Y00D9950	7. カムシャフト & クドウギヤ			
4TNV84T-ZKTBL	1, 08/01	2	3	PLUS

Engine for TL220 4TNV84T-ZKTBL
CAMSHAFT & DRIVING GEAR

Item ID	Parts Number	部品種類	Qty
1	129150-14200	TAPPET	8
2	129150-14400	ROD, PUSH	8
3	129508-14580	CAMSHAFT ASSY	1
4	129150-02450	· METAL, THRUST (CAM	1
6	129150-14101	· GEAR, CAMSHAFT	1
7	22512-070140	· KEY 7X 14	1
8	26106-080142	BOLT 8X 14 PLATED	2
9	119803-25050	SHAFT, IDLE GEAR	1
10	119802-25101	GEAR ASSY, IDLE	1
13	119802-25071	BUSH, IDLE GEAR	1
14	26106-080402	BOLT M 8X 40 PLATED	3
15	129150-25301	BOLT, FI-P	4
16	119802-25901	GEAR, PUMP	1
17	158552-51151	FLANGE	1
18	22217-140000	SPRING WASHER 14	1
19	26776-140002	LOCK NUT M14 PLATED	1
20	121023-26070	COVER, HO-P	1
21	171353-26081	GASKET, HO-P BRACKET	1
22	129484-26200	GEAR ASSY, H. O. PUMP	1
24	129484-26210	· GEAR W/SHAFT	1
27	24105-060064	· BALL BEARING	2
28	24321-000850	O-RING 1A G-85.0	1
29	26106-100452	BOLT M10X 45 PLATED	2
30	26450-080282	BOLT M 8X 28	1

Engine for TL220 4TNV84T-ZKTBL
TURBINE

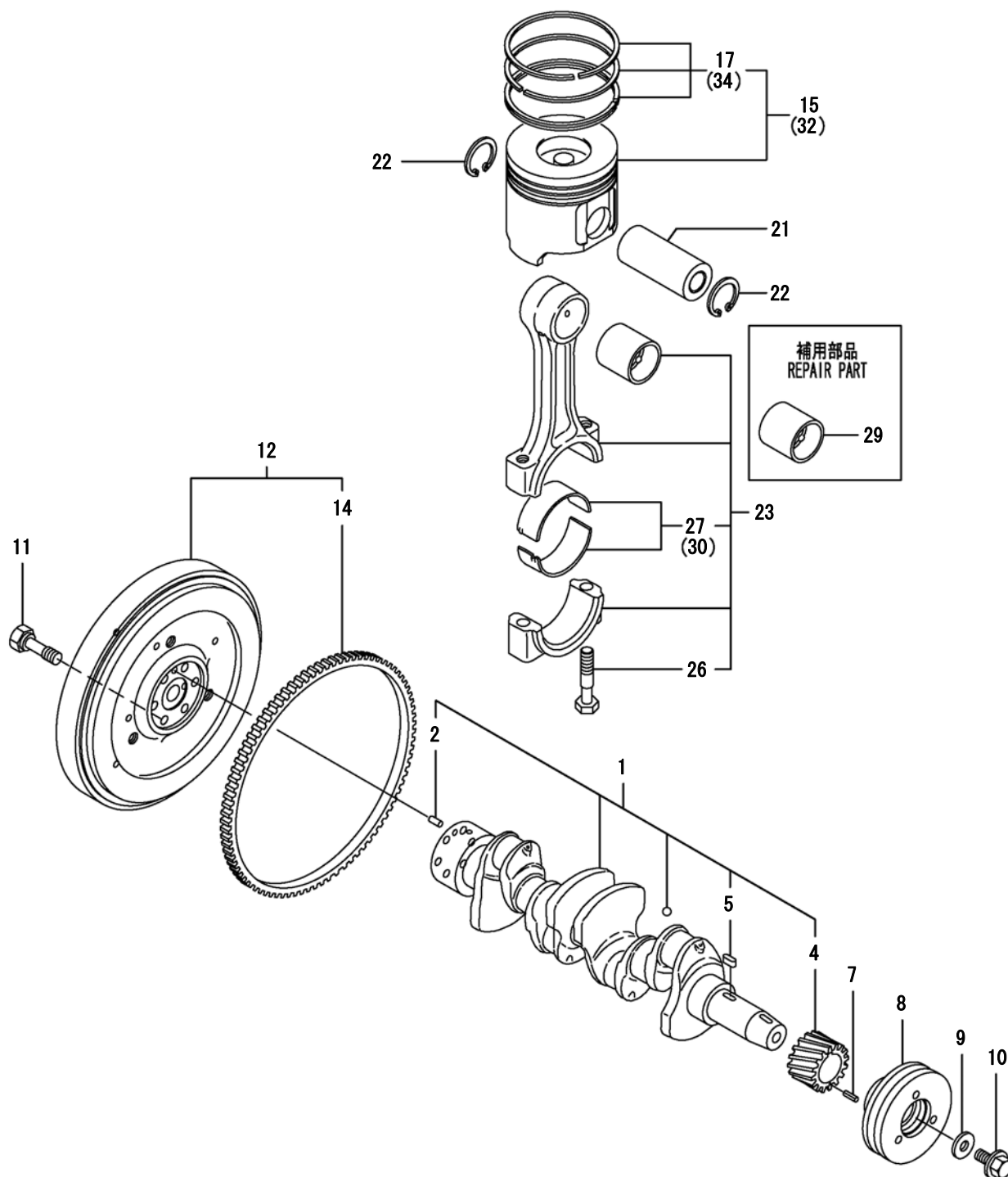


Y00D9950	8, タービン			
4TNV84T-ZKTBL	1, 08/01	2	3	PLUS

Engine for TL220 4TNV84T-ZKTBL
TURBINE

Item ID	Parts Number	部品種類	Qty
1	129508-18010	TURBINE, RHF4	1
2	129508-18080	GASKET	1
3	129418-18320	STUD BOLT M8X20	5
4	26306-080002	NUT	4

Engine for TL220 4TNV84T-ZKTBL
CRANKSHAFT & PISTON

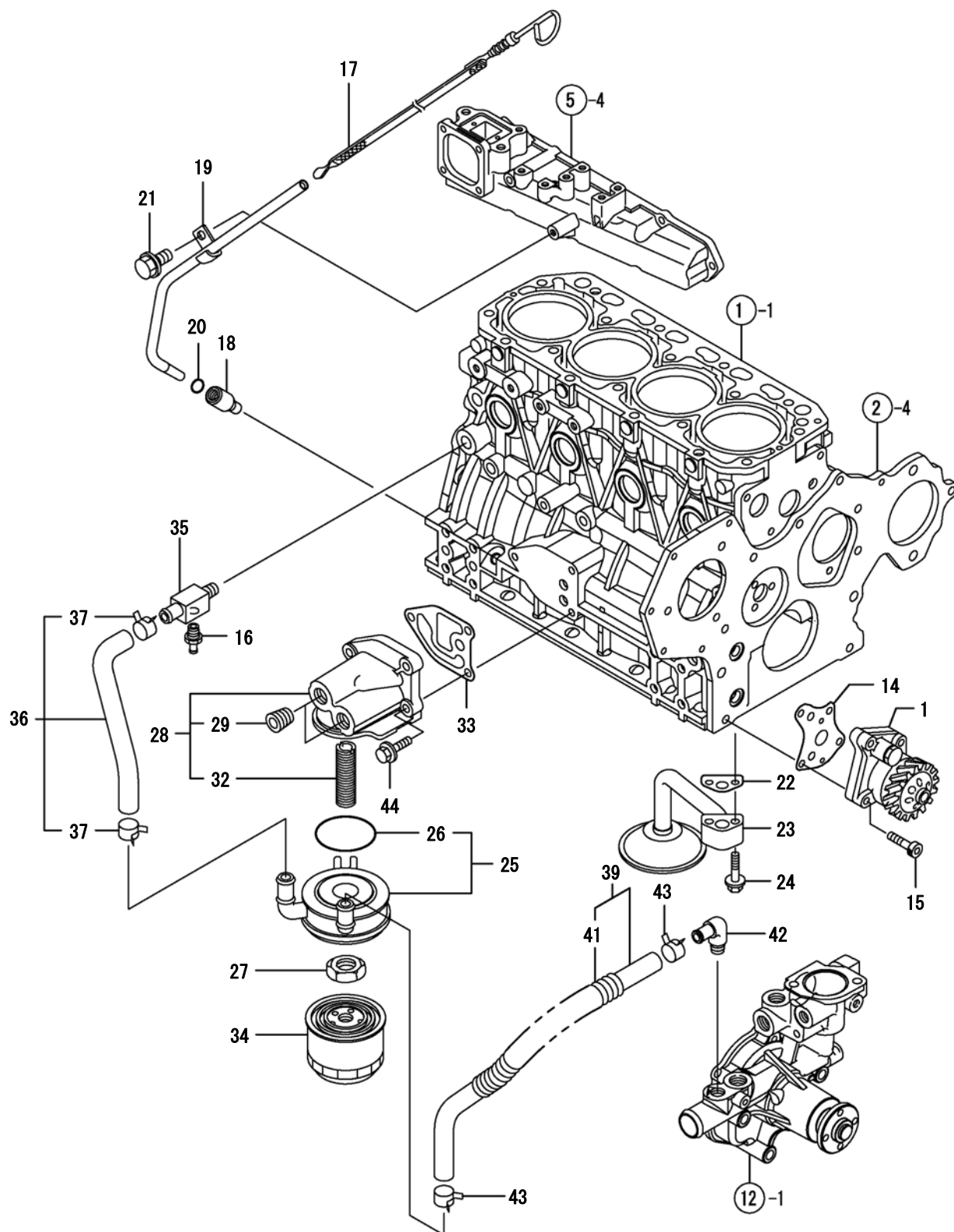


Y00D9950	9. クランクシャフト&ピストン			
4TNV84T-ZKTBL	1, 08/01	2	3	PLUS

Engine for TL220 4TNV84T-ZKTBL
CRANKSHAFT & PISTON

Item ID	Parts Number	部品種類	Qty
1	129509-21000	CRANKSHAFT ASSY	1
2	129100-01580	· PARALLEL PIN 8X16	1
4	119803-21200	· GEAR, CRANKSHAFT	1
5	22512-070140	· KEY 7X 14	1
7	22351-030010	SPRING PIN 3X10	1
8	119802-21660	V-PULLEY, CRANKSHAFT	1
9	129795-21661	WASHER	1
10	121850-21680	BOLT, V-PULLEY	1
11	121111-21501	BOLT, FLYWHEEL	6
12	129642-21590	FLYWHEEL ASSY	1
14	119865-21600	· GEAR, RING	1
15	129509-22080	PISTON ASSY	4
17	129509-22500	· RING SET, PISTON	4
21	129202-22300	PIN, PISTON (D26, L70)	4
22	22252-000260	CIRCLIP 26	8
23	729402-23100	ROD ASSY, CONNECTING	4
26	121550-23200	· BOLT, CONNECTING ROD	8
27	129150-23601	· METAL, CRANKPIN	4
29	129100-23910	BUSH, PISTON PIN	4
30	129150-23611	METAL PIN US=0.25	4
32	729509-22900	PISTON W/RING, 0.250S	4
34	729509-22950	· RING SET, 0.250S	4

Engine for TL220 4TNV84T-ZKTBL
LUB. OIL SYSTEM



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4TNV84T-ZKTBL	1, 08/01	2	3	PLUS

LUB. OIL SYSTEM

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Item ID	Parts Number	Parts Name	Qty
1	129418-32000	PUMP ASSY, LUB. OIL	1
14	129150-32020	GASKET, L. O. PUMP	1
15	26450-060252	BOLT M 6X 25	4
16	121550-49111	JOINT PT1/4	1
17	129244-34802	DIPSTICK, LUB. OIL	1
18	119260-34810	GUIDE, DIPSTICK	1
19	129536-34860	GUIDE, DIPSTICK	1
20	24311-240100	O-RING 1A P-10A	1
21	26106-080162	BOLT M 8X 16 PLATED	1
22	129150-35042	GASKET, (NON-ASB.)	1
23	129436-35091	PIPE ASSY, LUB. OIL	1
24	26106-080352	BOLT M 8X 35 PLATED	2
25	129067-33011	COOLER ASSY, OIL	1
26	129508-33050	· O-RING	1
27	129417-33110	NUT OIL COOLER	1
28	129033-35100	BRACKET ASSY	1
29	129033-01770	· PLUG NPT1/2	2
32	129417-35150	· STUD	1
33	129103-35122	GASKET, (NON-ASB.)	1
34	129150-35160	FILTER 80X80L	1
35	129006-44480	JOINT	1
36	129033-49030	PIPE ASSY, COOLER IN	1
37	171008-03990	· CLAMP 18.5	2
39	129467-49040	PIPE CMP., COOL. WATER	1
41	129165-49060	· TUBE CORRUGATED	1
42	129103-49301	ELBOW PT 1/4	1
43	23080-018000	CLAMP 18	2
44	26106-080252	BOLT M 8X 25 PLATED	3

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