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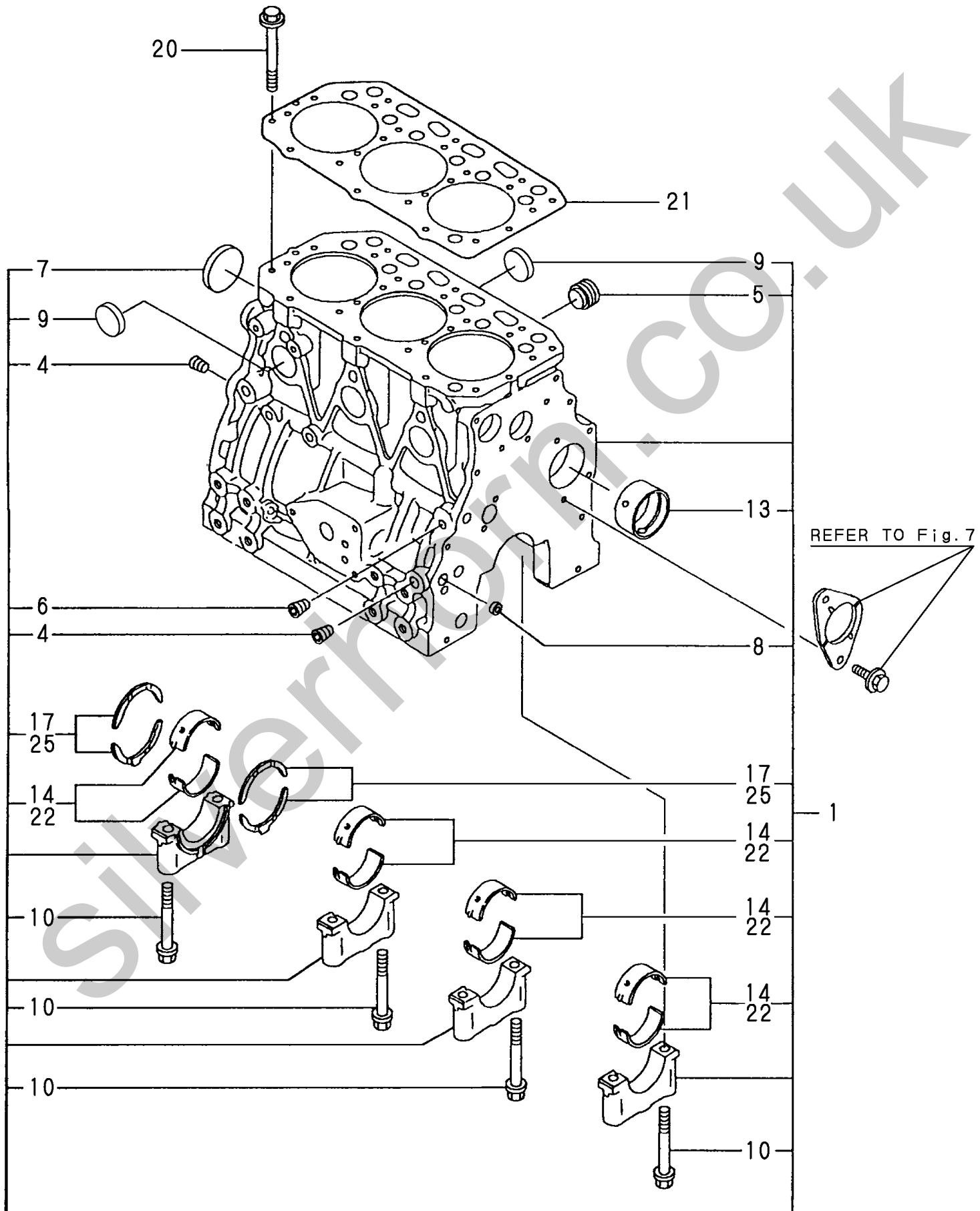
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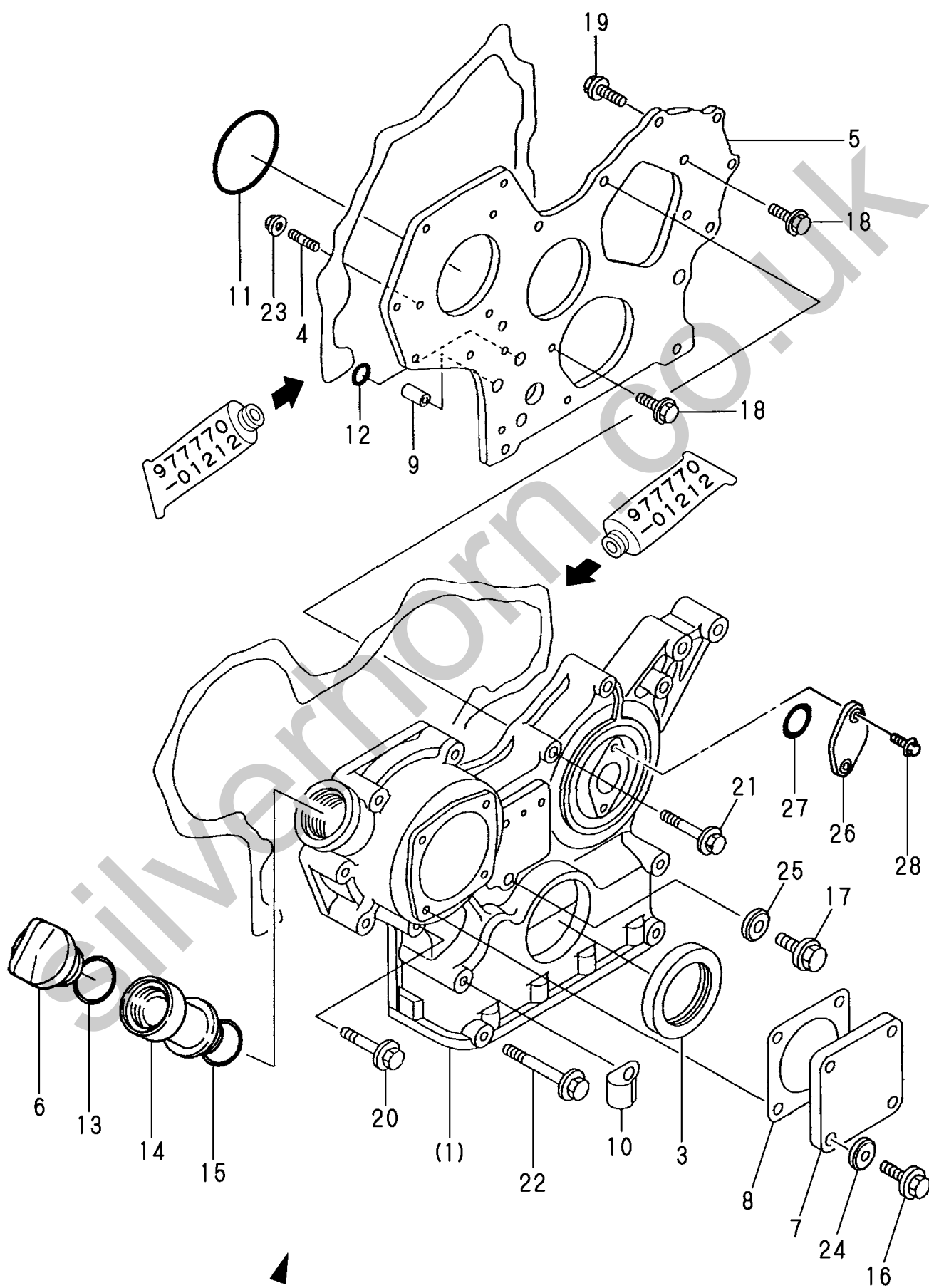
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7,3,,129001-01250,, "PLUG 50",1,,,,,,,,,,,,,
8,3,,27241-120000,, "PLUG 12",2,,,,,,,,,,,,,
9,3,,27241-300000,, "PLUG 30",6,,,,,,,,,,,,,
10,3,,129150-02020,, "BOLT, METAL CAP",8,,,,,,,,,,,,,
13,3,,129795-02411,, "BUSH, CAMSHAFT",1,,,,,,,,,,,,,
14,2,,129001-02800,, "MAIN BEARING",4,,,,,,,,,,,,,
17,2,,129150-02930,, "METAL, THRUST",2,,,,,,,,,,,,,
20,1,,129150-01200,, "STUD, CYL. HEAD",14,,,,,,,,,,,,,
21,1,,129001-01340,, "GASKET, (NON-ASB.)",1,,,,,,,,,,,,,
22,1,,129150-02870,, "MAIN METAL US=0.25",4,,,,,1,,,,,,,,,
25,1,,129150-02940,, "METAL, THRUST.25(2PIE",1,,,,,2,,,,,,,,,

Fig. **1** CYLINDER BLOCK



1,1,,719810-01500,, "HOUSING ASSY, GEAR",1,,,,,,,,,,,,,
3,2,,129795-01800,, "SEAL, OIL",1,,,,,,,,,,,,,
4,2,,121450-01560,, "STUD M 8X 22",3,,,,,,,,,,,,,
5,1,,129400-01520,, "FLANGE,GEARS HOUSING",1,,,,,,,,,,,,,
6,1,,124160-01751,, "COVER,FILLER",1,,,,,,,,,,,,,
7,1,,124240-01871,, "COVER, HO-P",1,,,,,,,,,,,,,
8,1,,124240-01883,, "GASKET, (NON-ASB.)",1,,,,,,,,,,,,,
9,1,,129795-01950,, "PIPE, KNOCK L=18",2,,,,,,,,,,,,,
10,1,,129150-03100,, "RETAINER,1,,,,,,,,,,,,,
11,1,,121850-51960,, "O-RING, F.I.PUMP",1,,,,,,,,,,,,,
12,1,,119609-32040,, "O-RING P16",2,,,,,,,,,,,,,
13,1,,24311-000320,, "O-RING 1A P-32.0",1,,,,,,,,,,,,,
14,1,,171031-11741,, "PIPE,1,,,,,,,,,,,,,
15,1,,24311-000320,, "O-RING 1A P-32.0",1,,,,,,,,,,,,,
16,1,,26106-080122,, "BOLT M 8X 12 PLATED",4,,,,,,,,,,,,,
17,1,,26106-080162,, "BOLT M 8X 16 PLATED",1,,,,,,,,,,,,,
18,1,,26106-080162,, "BOLT M 8X 16 PLATED",3,,,,,,,,,,,,,
19,1,,26106-080202,, "BOLT M 8X 20 PLATED",2,,,,,,,,,,,,,
20,1,,26106-080452,, "BOLT M 8X 45 PLATED",6,,,,,,,,,,,,,
21,1,,26106-080552,, "BOLT M 8X 55 PLATED",3,,,,,,,,,,,,,
22,1,,129001-91841,, "BOLT M 8X 85 PLATED",4,,,,,,,,,,,,,
23,1,,26306-080002,, "NUT,3,,,,,,,,,,,,,
24,1,,22190-080002,, "SEAL WASHER 8S",4,,,,,,,,,,,,,
25,1,,22190-080002,, "SEAL WASHER 8S",1,,,,,,,,,,,,,
26,1,,121023-01550,, "COVER, BLIND",1,,,,,,,,,,,,,
27,1,,24341-000240,, "O-RING 1A S-24.0",1,,,,,,,,,,,,,
28,1,,26106-060162,, "BOLT M 6X 16 PLATED",2,,,,,,,,,,,,,

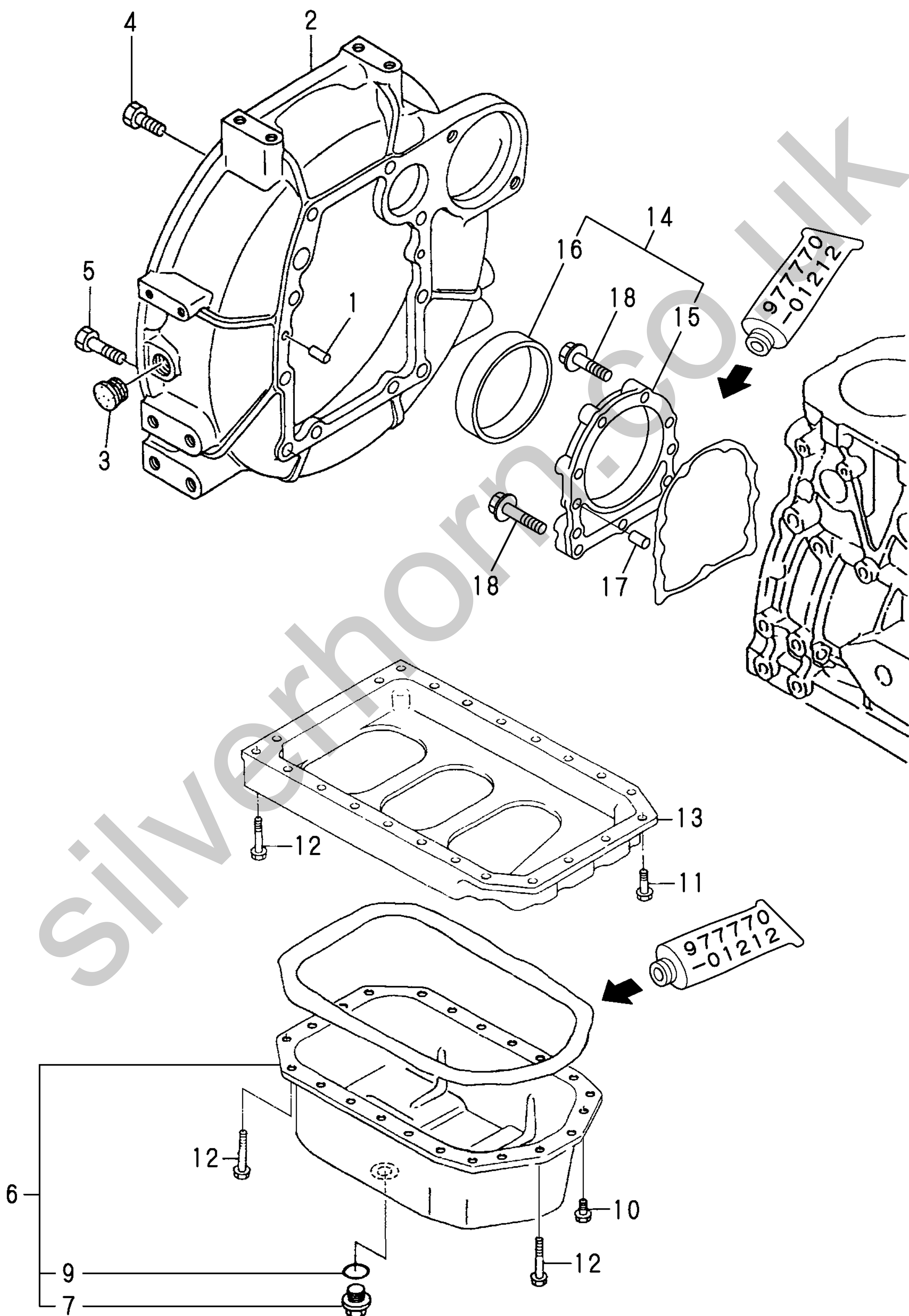
Fig. 2 GEAR HOUSING



1 inc. (1) ~ 4

1,1,,129100-01580,, "PARALLEL PIN 8X16",2,,,,,,,,,,,,,,,,,
2,1,,129612-01600,, "HOUSING, FLYWHEEL",1,,,,,,,,,,,,,,,,,
3,1,,119620-01750,, "CAP, FLYWHEEL COVER",1,,,,,,,,,,,,,,,,,
4,1,,26206-100252,, "BOLT M10X25",6,,,,,,,,,,,,,,,,,
5,1,,26206-100302,, "BOLT M10X30",4,,,,,,,,,,,,,,,,,
6,1,,129136-01780,, "SUMP ASSY, LUB.OIL",1,,,,,,,,,,,,,,,,,
7,2,,119640-01640,, "DRAIN PLUG M22",1,,,,,,,,,,,,,,,,,
9,2,,22190-220002,, "SEAL WASHER 22S",1,,,,,,,,,,,,,,,,,
10,1,,26106-080162,, "BOLT M 8X 16 PLATED",4,,,,,,,,,,,,,,,,,
11,1,,26106-080252,, "BOLT M 8X 25 PLATED",2,,,,,,,,,,,,,,,,,
12,1,,26106-080452,, "BOLT M 8X 45 PLATED",20,,,,,,,,,,,,,,,,,
13,1,,129100-01730,, "SPACER, OIL SUMP",1,,,,,,,,,,,,,,,,,
14,1,,129100-01640,, "CASE ASSY, OIL SEAL",1,,,,,,,,,,,,,,,,,
15,2,,129150-01650,, "CASE, OIL SEAL",1,,,,,,,,,,,,,,,,,
16,2,,129795-01780,, "SEAL, OIL",1,,,,,,,,,,,,,,,,,
17,1,,129100-01580,, "PARALLEL PIN 8X16",2,,,,,,,,,,,,,,,,,
18,1,,129486-01670,, "BOLT M8X30, COLLAR HD",9,,,,,,,,,,,,,,,,,

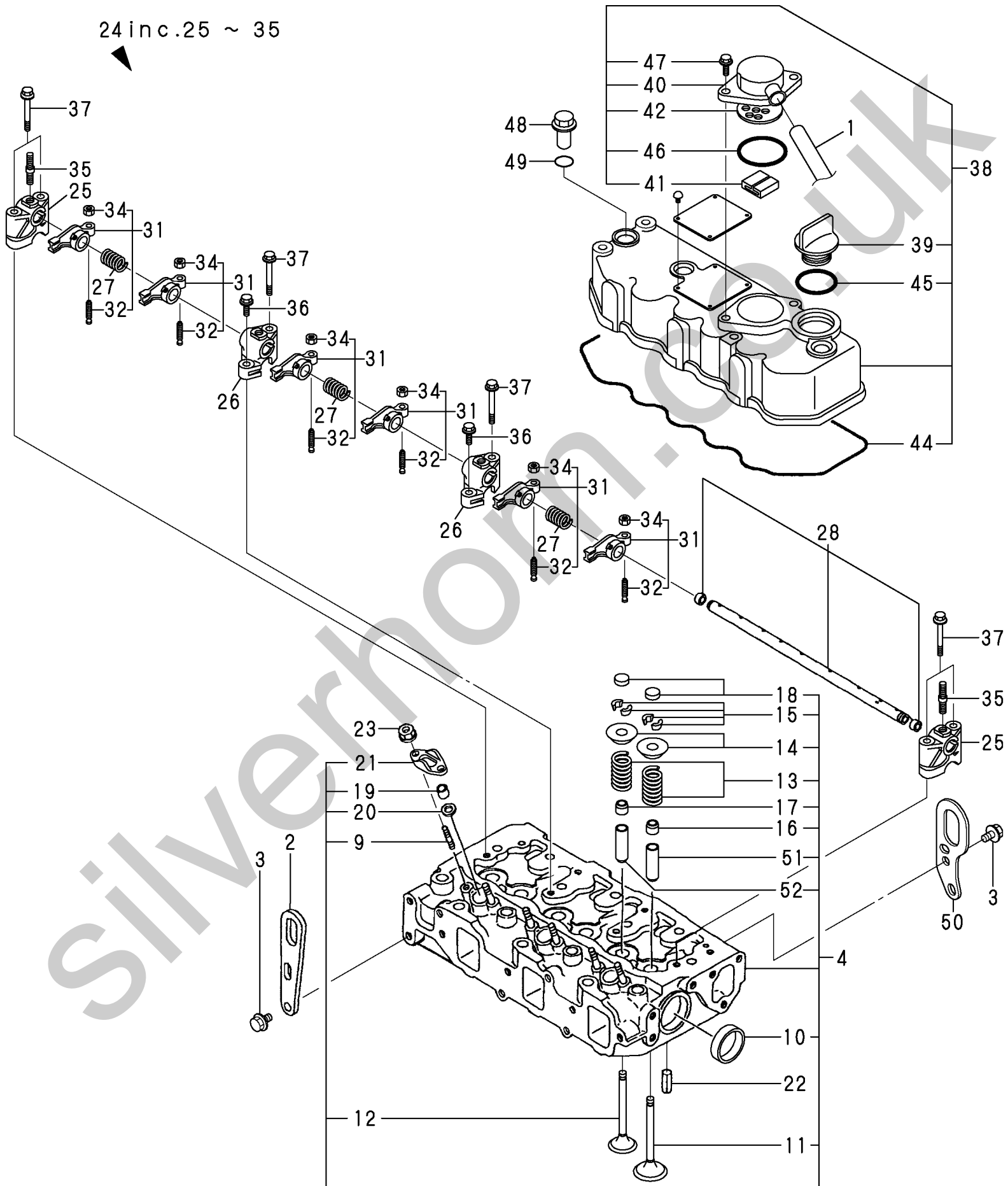
Fig. **3** FLYWHEEL HOUSING & L. O. SUMP



1,1,,171350-03090,, "PIPE, BREATHER",1,,,,,,,,,,,,,
2,1,,124736-07900,, "LIFTER, ENGINE",1,,,,,,,,,,,,,
3,1,,26106-080142,, "BOLT M 8X 14 PLATED",4,,,,,,,,,,,,,
4,1,,129001-11700,, "HEAD ASSY, CYLINDER",1,,,,,,,,,,,,,
9,3,,26216-060202,, "STUD M 6X 20 PLATED",6,,,,,,,,,,,,,
10,3,,27241-400000,, "PLUG 40",2,,,,,,,,,,,,,
11,2,,129100-11100,, "VALVE, INTAKE",3,,,,,,,,,,,,,
12,2,,129100-11110,, "VALVE, EXHAUST",3,,,,,,,,,,,,,
13,2,,129795-11120,, "SPRING, VALVE",6,,,,,,,,,,,,,
14,2,,129795-11180,, "RETAINER, SPRING",6,,,,,,,,,,,,,
15,2,,27310-080001,, "COTTER 8",6,,,,,,,,,,,,,
16,2,,121400-11340,, "SEAL, VALVE STEM",3,,,,,,,,,,,,,
17,2,,124460-11340,, "SEAL, VALVE STEM",3,,,,,,,,,,,,,
18,2,,129150-11370,, "CAP, VALVE",6,,,,,,,,,,,,,
19,2,,119625-11870,, "PROTECTOR, NOZZLE",3,,,,,,,,,,,,,
20,2,,119625-11880,, "SEAT, NOZZLE",3,,,,,,,,,,,,,
21,2,,119625-11900,, "RETAINER",3,,,,,,,,,,,,,
22,1,,22351-060012,, "SPRING PIN 6X12",2,,,,,,,,,,,,,
23,1,,26366-060002,, "NUT M 6",6,,,,,,,,,,,,,
24,1,,129155-11241,, "SHAFT ASSY, ROCKER",1,,,,,,,,,,,,,
25,2,,129155-11260,, "SUPPORT, ROCKER ARM",2,,,,,,,,,,,,,
26,2,,129155-11270,, "SUPPORT, ROCKER ARM",2,,,,,,,,,,,,,
27,2,,129150-11280,, "SPRING",3,,,,,,,,,,,,,
28,2,,129150-11290,, "SHAFT, ROCKER ARM",1,,,,,,,,,,,,,
31,2,,729402-11650,, "ARM ASSY, ROCKER",6,,,,,,,,,,,,,
32,3,,129150-11230,, "SCREW, VALVE",6,,,,,,,,,,,,,
34,3,,129150-11750,, "NUT M8XP1.0",6,,,,,,,,,,,,,
35,2,,119802-11280,, "STUD",3,,,,,,,,,,,,,
36,1,,26106-080252,, "BOLT M 8X 25 PLATED",2,,,,,,,,,,,,,
37,1,,26106-080502,, "BOLT M 8X 50 PLATED",6,,,,,,,,,,,,,
38,1,,729132-11521,, "BONNET ASSY",1,,,,,,,,,,,,,
39,2,,124160-01751,, "COVER, FILLER",1,,,,,,,,,,,,,
40,2,,129150-03020,, "COVER, BREATHER",1,,,,,,,,,,,,,
41,2,,129150-03070,, "BAFFLE, BREATHER",1,,,,,,,,,,,,,
42,2,,129150-03080,, "PLATE, SHELTER",1,,,,,,,,,,,,,
44,2,,129150-11310,, "GASKET, BONNET",1,,,,,,,,,,,,,
45,2,,24311-000320,, "O-RING 1A P-32.0",1,,,,,,,,,,,,,
46,2,,24341-000500,, "O-RING 1A S-50.0",1,,,,,,,,,,,,,
47,2,,26106-080162,, "BOLT M 8X 16 PLATED",2,,,,,,,,,,,,,
48,1,,124160-11360,, "KNOB",3,,,,,,,,,,,,,
49,1,,24311-000120,, "O-RING 1A P 12.0",3,,,,,,,,,,,,,
50,1,,119260-07900,, "LIFTER, ENGINE",1,,,,,,,,,,,,,
51,1,,120130-11860,, "GUIDE, VALVE",3,,,,,,,,,1,,,,,,,,,
52,1,,129150-11810,, "GUIDE, VALVE",3,,,,,,,,,1,,,,,,,,,

Fig. 4 CYLINDER HEAD & BONNET

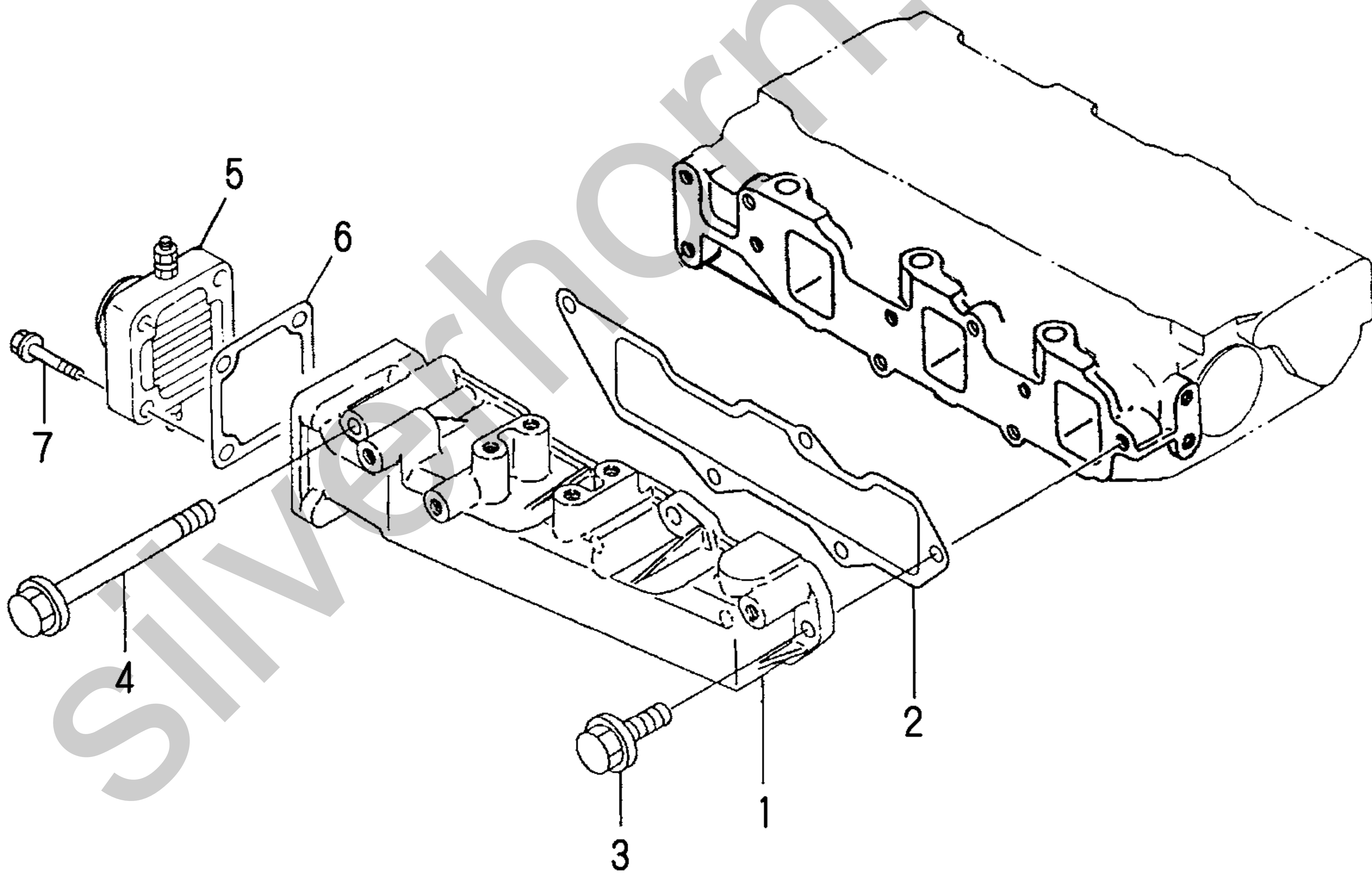
24 inc. 25 ~ 35



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3,1,,26106-080202,, "BOLT M 8X 20 PLATED",4,,,,,,,,,,,,,
4,1,,26106-080802,, "BOLT M 8X 80 PLATED",1,,,,,,,,,,,,,
5,1,,129120-77501,, "HEATER, AIR",1,,,,,,,,,,,,,
6,1,,129150-77511,, "GASKET, (NON-ASB.)",1,,,,,,,,,,,,,
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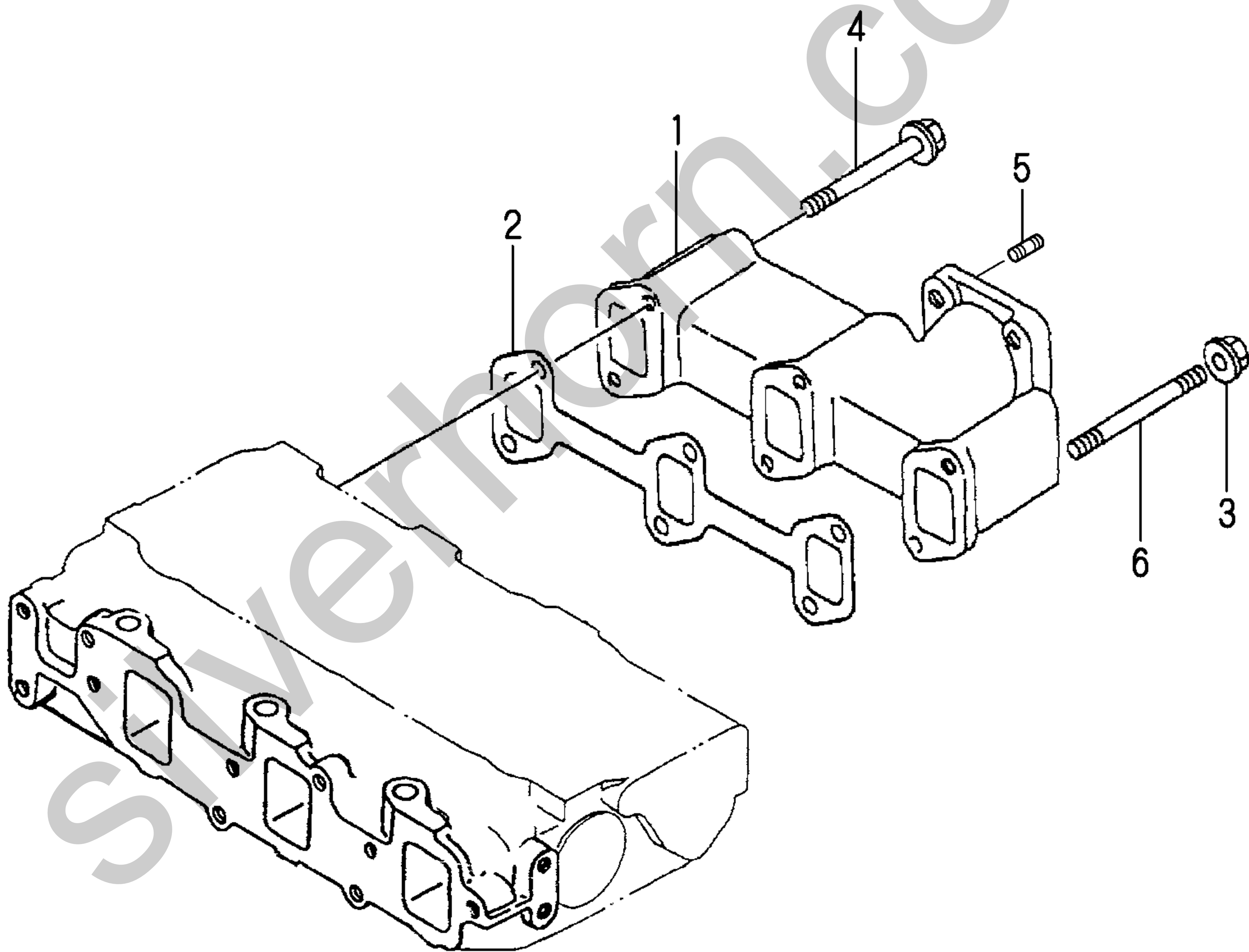
Fig. **5** SUCTION MANIFOLD



1,1,,129100-13110,, "MANIFOLD, EXHAUST",1,,,,,,,,,,,,,
2,1,,129150-13110,, "GASKET, EXH.MANIFOLD",1,,,,,,,,,,,,,
3,1,,26306-080002,, NUT,2,,,,,,,,,,,,,
4,1,,123900-13630,, "BOLT 8X80",4,,,,,,,,,,,,,
5,1,,119131-18320,, "BOLT M 8X 22",4,,,,,,,,,,,,,
6,1,,123900-13610,, "STUD BOLT M 8X 80",2,,,,,,,,,,,,,

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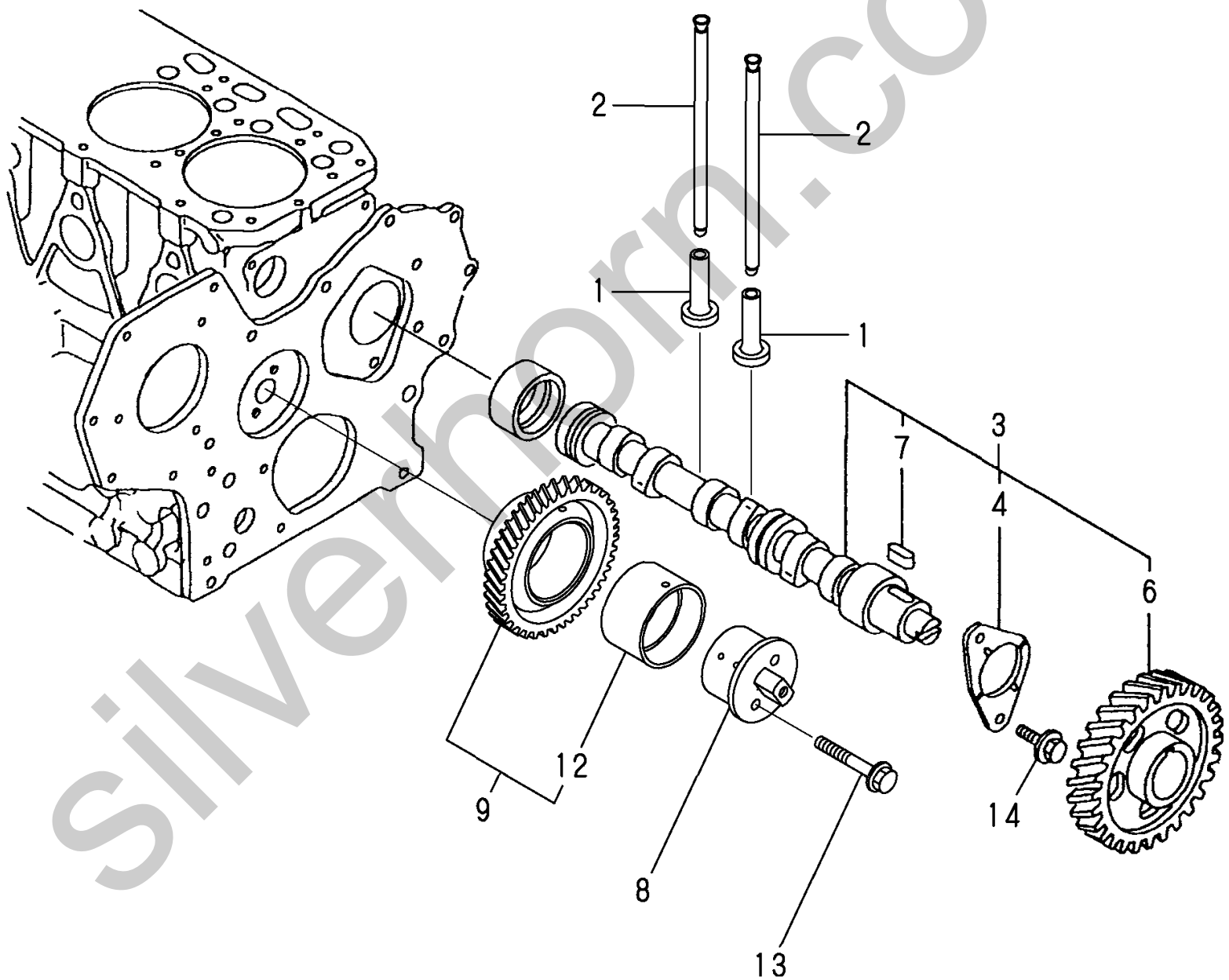
Fig. **6** EXHAUST MANIFOLD



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2,1,,129150-14400,, "ROD, PUSH",6,,,,,,,,,,,,,
3,1,,129129-14580,, "CAMSHAFT ASSY",1,,,,,,,,,,,,,
4,2,,129150-02450,, "METAL, THRUST(CAM",1,,,,,,,,,,,,,
6,2,,129150-14101,, "GEAR, CAMSHAFT",1,,,,,,,,,,,,,
7,2,,22512-070140,, "KEY 7X 14",1,,,,,,,,,,,,,
8,1,,129100-25061,, "SHAFT, IDLE GEAR",1,,,,,,,,,,,,,
9,1,,129150-25101,, "GEAR W/BUSH",1,,,,,,,,,,,,,
12,1,,129150-25920,, "BUSH, IDLE GEAR",1,,,,,1,,,,,
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14,1,,26106-080142,, "BOLT M 8X 14 PLATED",2,,,,,,,,,,,,,

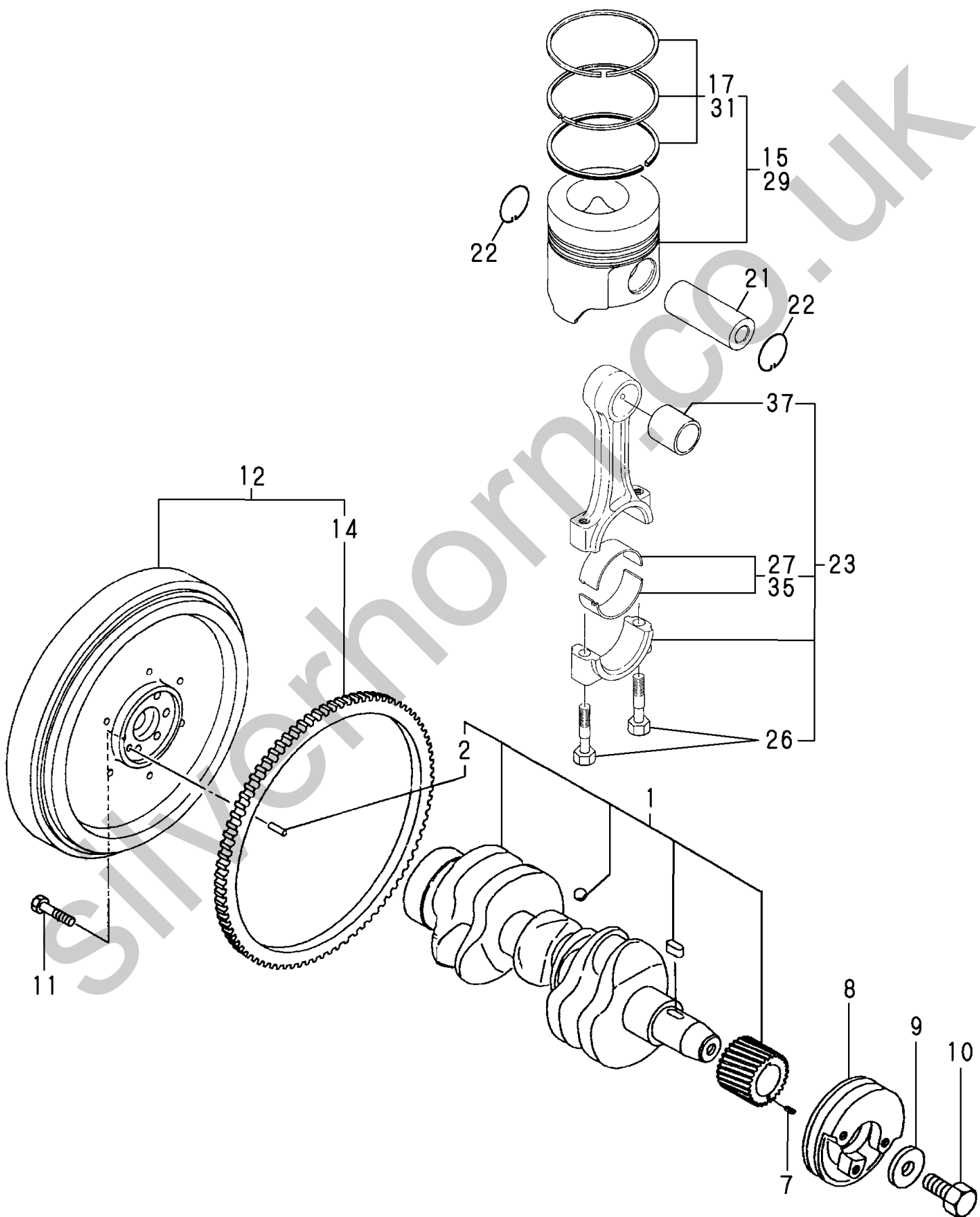
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Fig. **7** CAMSHAFT & DRIVING GEAR



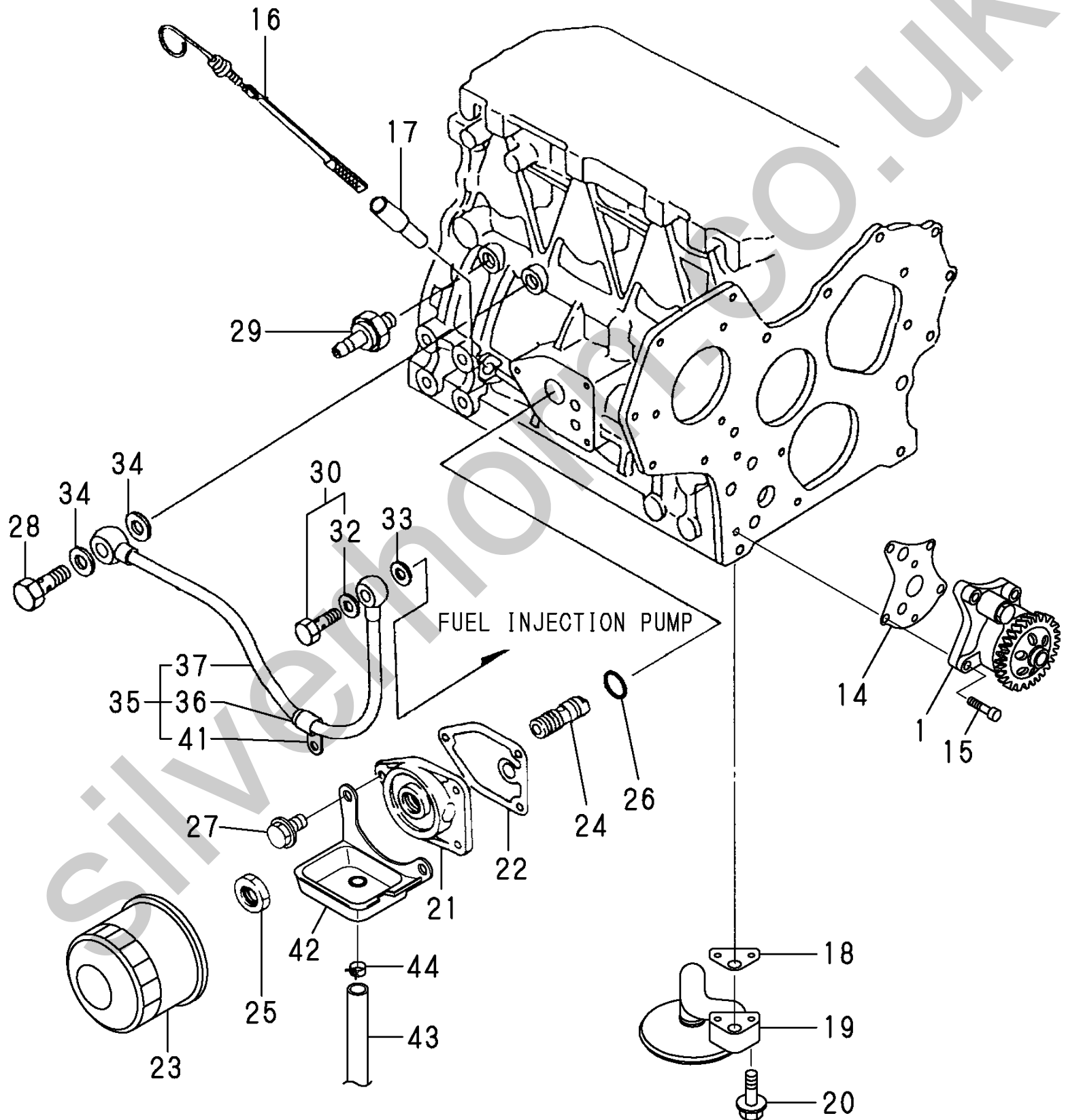
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8,1,,171340-21650,, "V-PULLEY, CRANKSHAFT",1,,,,,,,,,,,,,
9,1,,129795-21661,, WASHER,1,,,,,,,,,,,,,
10,1,,121850-21680,, "BOLT, V-PULLEY",1,,,,,,,,,,,,,
11,1,,121111-21501,, "BOLT, FLYWHEEL",6,,,,,,,,,,,,,
12,1,,129128-21590,, "FLYWHEEL W/RING GEAR",1,,,,,,,,,,,,,
14,2,,119865-21600,, "GEAR, RING",1,,,,,,,,,,,,,
15,1,,129001-22081,, "PISTON W/RINGS",3,,,,,,,,,,,,,
17,2,,129001-22500,, "RING SET, PISTON",3,,,,,,,,,,,,,
21,1,,129202-22300,, "PIN, PISTON",3,,,,,,,,,,,,,
22,1,,22252-000260,, "CIRCLIP 26",6,,,,,,,,,,,,,
23,1,,729402-23100,, "ROD ASSY, CONNECTING",3,,,,,,,,,,,,,
26,2,,121550-23200,, "BOLT, CONNECTING ROD",6,,,,,,,,,,,,,
27,2,,129150-23600,, "BEARING, CRANKPIN",3,,,,,,,,,,,,,
29,1,,129001-22901,, "PISTON W/RING OS=.25",3,,,,,1,,,,,,,,,
31,2,,129001-22950,, "RING SET O.S=0.25",3,,,,,1,,,,,,,,,
35,1,,129150-23610,, "METAL.PIN US=0.25",3,,,,,2,,,,,,,,,
37,1,,129100-23910,, "BUSH, PISTON PIN",3,,,,,3,,,,,,,,,

Fig. 8



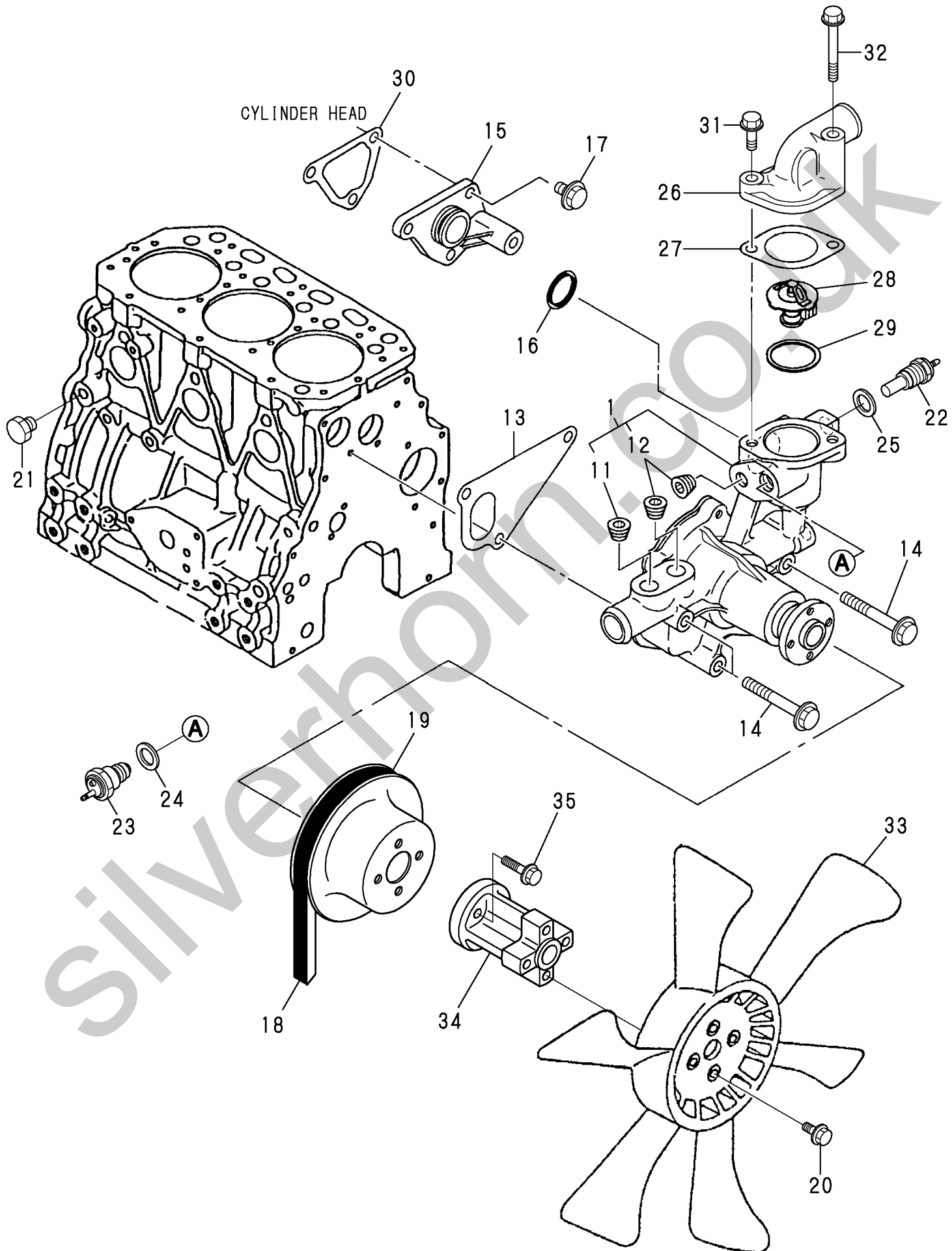
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16,1,,129136-34800,, "DIPSTICK, LUB. OIL",1,,,,,,,,,,,,,
17,1,,121520-34810,, "GUIDE, DIPSTICK",1,,,,,,,,,,,,,
18,1,,129150-35041,, "GASKET, (NON-ASB.)",1,,,,,,,,,,,,,
19,1,,129100-35301,, "PIPE ASSY, OIL INLET",1,,,,,,,,,,,,,
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21,1,,129150-35101,, "BRACKET, STRAINER",1,,,,,,,,,,,,,
22,1,,129150-35111,, "GASKET, (NON-ASB.)",1,,,,,,,,,,,,,
23,1,,129150-35151,, "FILTER 80X80L",1,,,,,,,,,,,,,
24,1,,129001-35300,, "BOLT,LUB.O. STRAINER",1,,,,,,,,,,,,,
25,1,,129150-35350,, NUT,1,,,,,,,,,,,,,
26,1,,24311-000160,, "O-RING 1A P-16.0",1,,,,,,,,,,,,,
27,1,,26106-080222,, "BOLT M 8X 22 PLATED",3,,,,,,,,,,,,,
28,1,,124160-39140,, "BOLT 10, PIPE JOINT",1,,,,,,,,,,,,,
29,1,,114250-39450,, "SWITCH,(0.5KG)L.O.",1,,,,,,,,,,,,,
30,1,,124550-59830,, "BOLT W/ SEAL WASHER",1,,,,,,,,,,,,,
32,2,,22190-080002,, "SEAL WASHER 8S",1,,,,,,,,,,,,,
33,1,,22190-080002,, "SEAL WASHER 8S",1,,,,,,,,,,,,,
34,1,,22190-100002,, "SEAL WASHER 10S",2,,,,,,,,,,,,,
35,1,,129211-39450,, "PIPE, LUB.OIL ASSY",1,,,,,,,,,,,,,
36,2,,123658-39320,, "PIPE,STEADY RST.RBBR",1,,,,,,,,,,,,,
37,2,,129150-39450,, "PIPE ASSY, LUB. OIL",1,,,,,,,,,,,,,
41,2,,23297-080081,, "RETAINER 8X 8",1,,,,,,,,,,,,,
42,1,,129211-35802,, "SAUCER, L.O.",1,,,,,,,,,,,,,
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44,1,,23080-014000,, "CLAMP 14",1,,,,,,,,,,,,,

Fig. 9 LUB. OIL SYSTEM



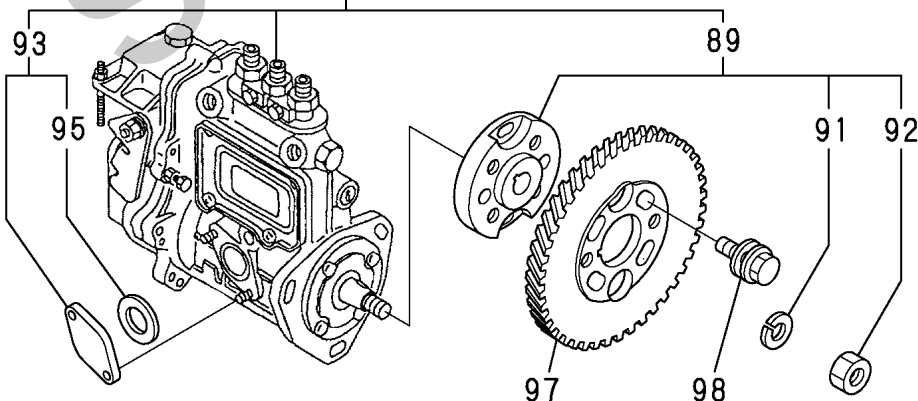
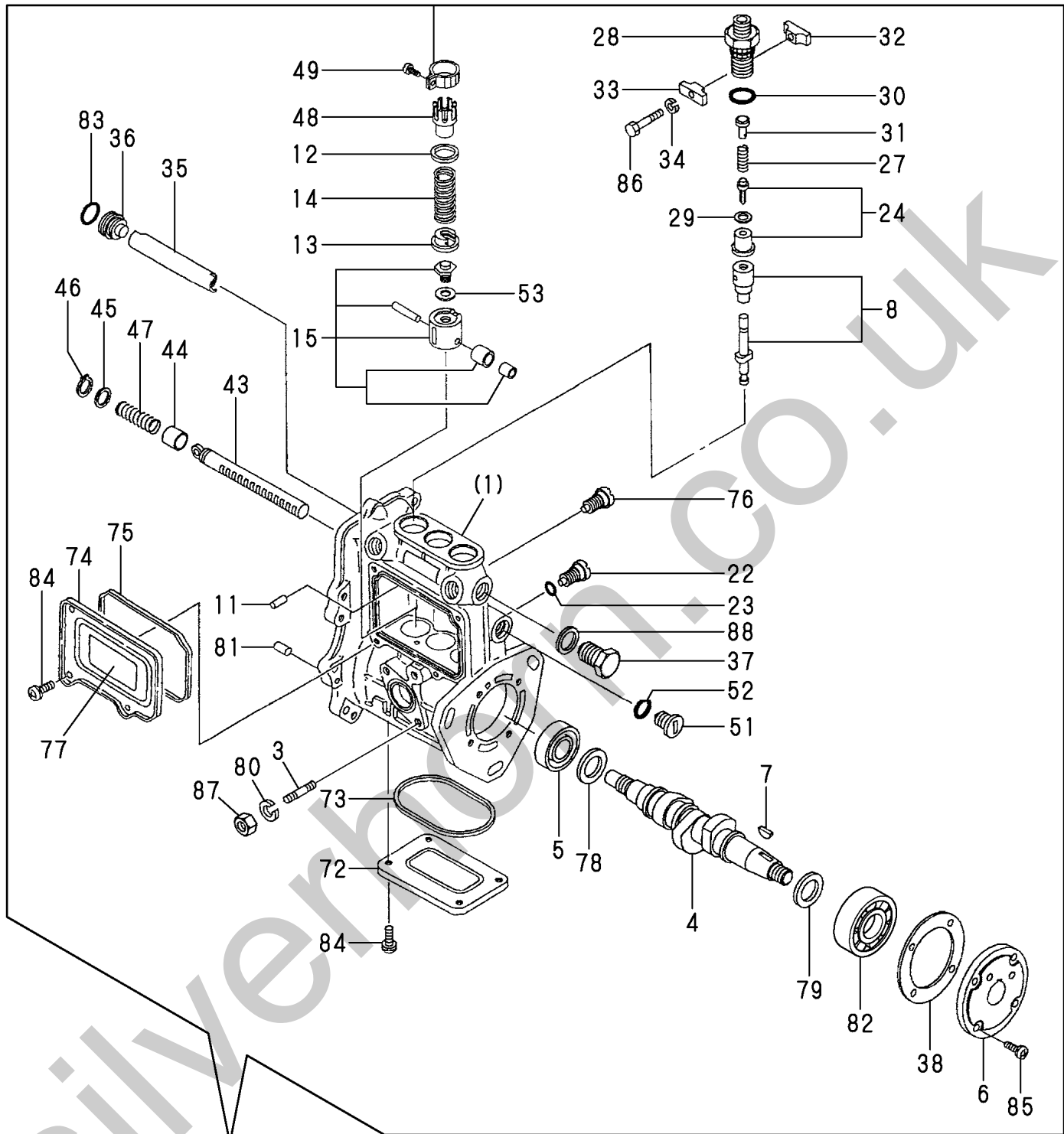
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16,1,,129486-42140,, "O-RING,CW-P",1,,,,,,,,,,,,,
17,1,,26106-080162,, "BOLT M 8X 16 PLATED",3,,,,,,,,,,,,,
18,1,,25132-003800,, "V-BELT (A-38)",1,,,,,,,,,,,,,
19,1,,129403-42380,, V-PULLEY(D=110),1,,,,,,,,,,,,,
20,1,,26106-060142,, "BOLT M 6X 14 PLATED",4,,,,,,,,,,,,,
21,1,,171056-49120,, "PLUG, DRAIN",1,,,,,,,,,,,,,
22,1,,171056-49351,, SENSER,1,,,,,,,,,,,,,
23,1,,121250-44901,, "SWITCH, THERMO(110 β C",1,,,,,,,,,,,,,
24,1,,124465-44950,, "GASKET 16",1,,,,,,,,,,,,,
25,1,,129150-49360,, "GASKET 10",1,,,,,,,,,,,,,
26,1,,124101-49531,, "COVER, THERMOSTAT",1,,,,,,,,,,,,,
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32,1,,26106-080652,, "BOLT M 8X 65 PLATED",1,,,,,,,,,,,,,
33,1,,171340-44740,, "FAN, COOLING",1,,,,,,,,,,,,,
34,1,,119823-44760,, SPACER,1,,,,,,,,,,,,,
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Fig. **10** COOLING WATER SYSTEM



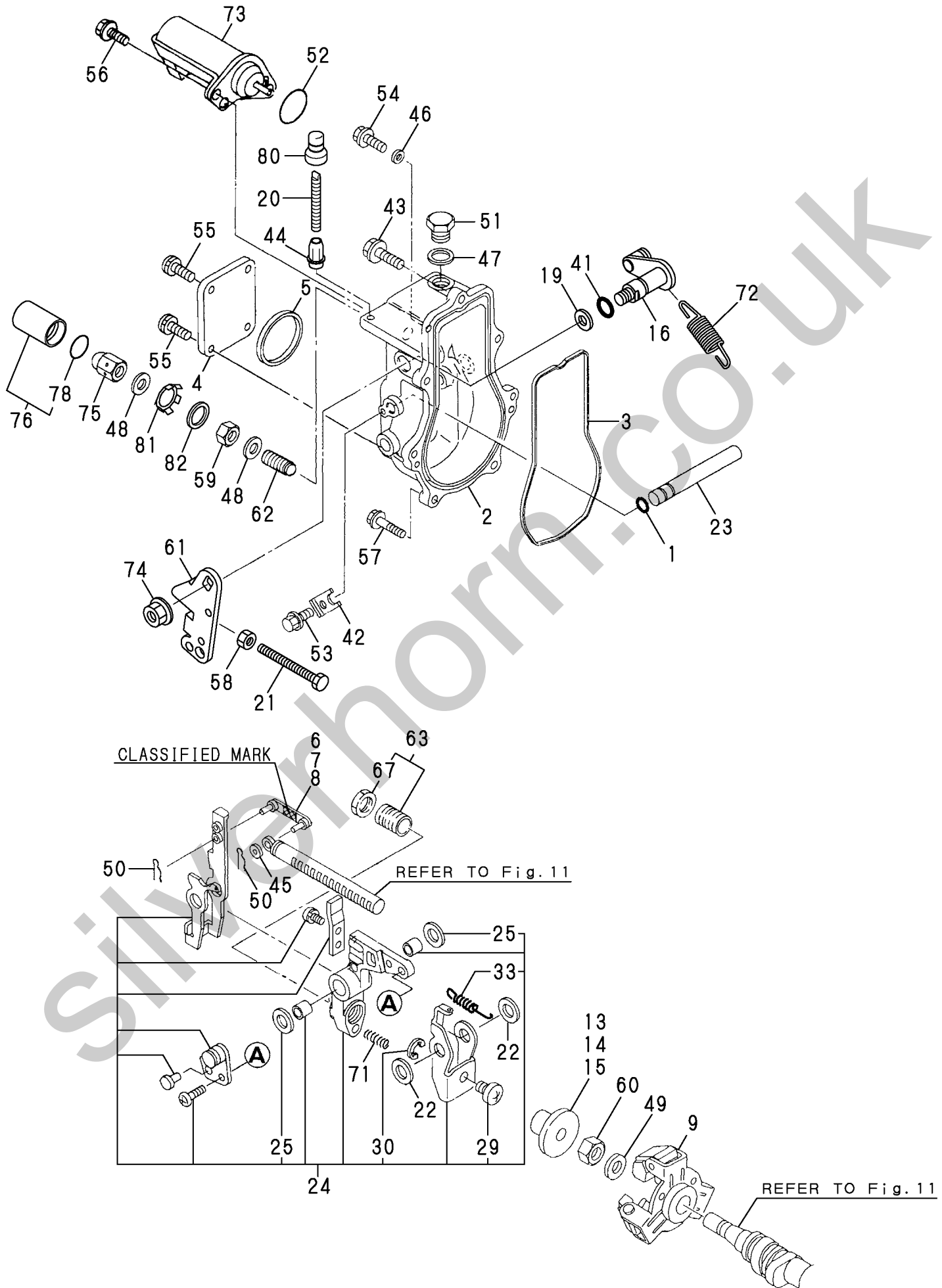
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4,2,,119810-51040,, CAMSHAFT,1,,,,,,,,,
5,2,,129155-51051,, RETAINER,1,,,,,,,,,
6,2,,129208-51060,, SUPPORT,1,,,,,,,,,
7,2,,122710-51090,, KEY,1,,,,,,,,,
8,2,,129506-51100,, "PLUNGER W/BARREL",3,,,,,,,,,
11,2,,129155-51140,, "PIN, BARREL LOCKING",3,,,,,,,,,
12,2,,174307-51170,, "RETAINER A",3,,,,,,,,,
13,2,,129155-51180,, "SPRING SHOE, PLUNGER",3,,,,,,,,,
14,2,,124950-51190,, "SPRING, PLUNGER",3,,,,,,,,,
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22,2,,129155-51270,, "LOCKING, TAPPET",3,,,,,,,,,
23,2,,129155-51280,, "O-RING S6",3,,,,,,,,,
24,2,,129505-51300,, "VALVE W/SEAT, DELIV.",3,,,,,,,,,
27,2,,129155-51320,, "SPRING, DELIV. VALVE",3,,,,,,,,,
28,2,,129155-51340,, "GUARD, DELIVERY VALVE",3,,,,,,,,,
29,2,,124550-51350,, "GASKET, DELIVERY",3,,,,,,,,,
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31,2,,129155-51370,, "STOPPER, VALVE",3,,,,,,,,,
32,2,,129155-51380,, "LOCKING (A)",2,,,,,,,,,
33,2,,129155-51390,, "LOCKING (B)",2,,,,,,,,,
34,2,,22217-050000,, "SPRING WASHER 5",2,,,,,,,,,
35,2,,129155-51400,, DEFLECTOR,1,,,,,,,,,
36,2,,129155-51410,, "CHECK BOLT, DEFLECTOR",1,,,,,,,,,
37,2,,129155-51420,, "PLUG (M16)",1,,,,,,,,,
38,2,,129155-51450,, "SHIM SET, ADJUSTING",1,,,,,,,,,
43,2,,129155-51500,, "RACK, CONTROL",1,,,,,,,,,
44,2,,129155-51521,, "BUSH, RACK",1,,,,,,,,,
45,2,,129155-51530,, "SPACER, AUX. SPRING",1,,,,,,,,,
46,2,,129155-51540,, CIRCLIP,1,,,,,,,,,
47,2,,129155-51591,, "SPRING, RACK",1,,,,,,,,,
48,2,,129155-51550,, "PINION, CONTROL",3,,,,,,,,,
49,2,,129100-51570,, SCREW,3,,,,,,,,,
51,2,,129155-51570,, "PLUG (M12)",1,,,,,,,,,
52,2,,129155-51580,, O-RING,1,,,,,,,,,
53,2,,129155-51600,, "SHIM PACK",3,,,,,,,,,
72,2,,129155-51701,, COVER,1,,,,,,,,,
73,2,,129155-51711,, PACKING,1,,,,,,,,,
74,2,,129155-51751,, "COVER, SIDE",1,,,,,,,,,
75,2,,129155-51760,, "GASKET, SIDE COVER",1,,,,,,,,,
76,2,,129155-51790,, "LOCKING, RACK",1,,,,,,,,,
77,2,,129156-51910,, "LABEL, CAUTION",1,,,,,,,,,
78,2,,129155-51930,, "SPACER T=3.25",1,,,,,,,,,
79,2,,129155-51940,, "SPACER T=1.5",1,,,,,,,,,
80,2,,22217-060000,, "SPRING WASHER 6",2,,,,,,,,,
81,2,,22351-050010,, "SPRING PIN 5X10",2,,,,,,,,,
82,2,,24101-063034,, "BALL BEARING",1,,,,,,,,,
83,2,,24341-000160,, "O-RING 1A S-16.0",1,,,,,,,,,
84,2,,26022-050122,, "SCREW M 5X 12",8,,,,,,,,,
85,2,,26022-060162,, "SCREW M 6X 16",4,,,,,,,,,
86,2,,26116-050302,, "BOLT M 5X 30 PLATED",2,,,,,,,,,
87,2,,26716-060002,, "NUT 6",2,,,,,,,,,
88,2,,22190-160002,, "SEAL WASHER 16S",1,,,,,,,,,
89,2,,129208-54500,, "FLANGE ASSY",1,,,,,,,,,
91,3,,22217-120000,, "SPRING WASHER",1,,,,,,,,,
92,3,,26716-120002,, "NUT 12",1,,,,,,,,,
93,2,,129255-52000,, COVER,1,,,,,,,,,
95,3,,129155-52050,, GASKET,1,,,,,,,,,
97,1,,129150-25931,, GEAR,1,,,,,,,,,
98,1,,129150-25301,, "BOLT, FI-P",4,,,,,,,,,

Fig. 11 FUEL INJECTION PUMP



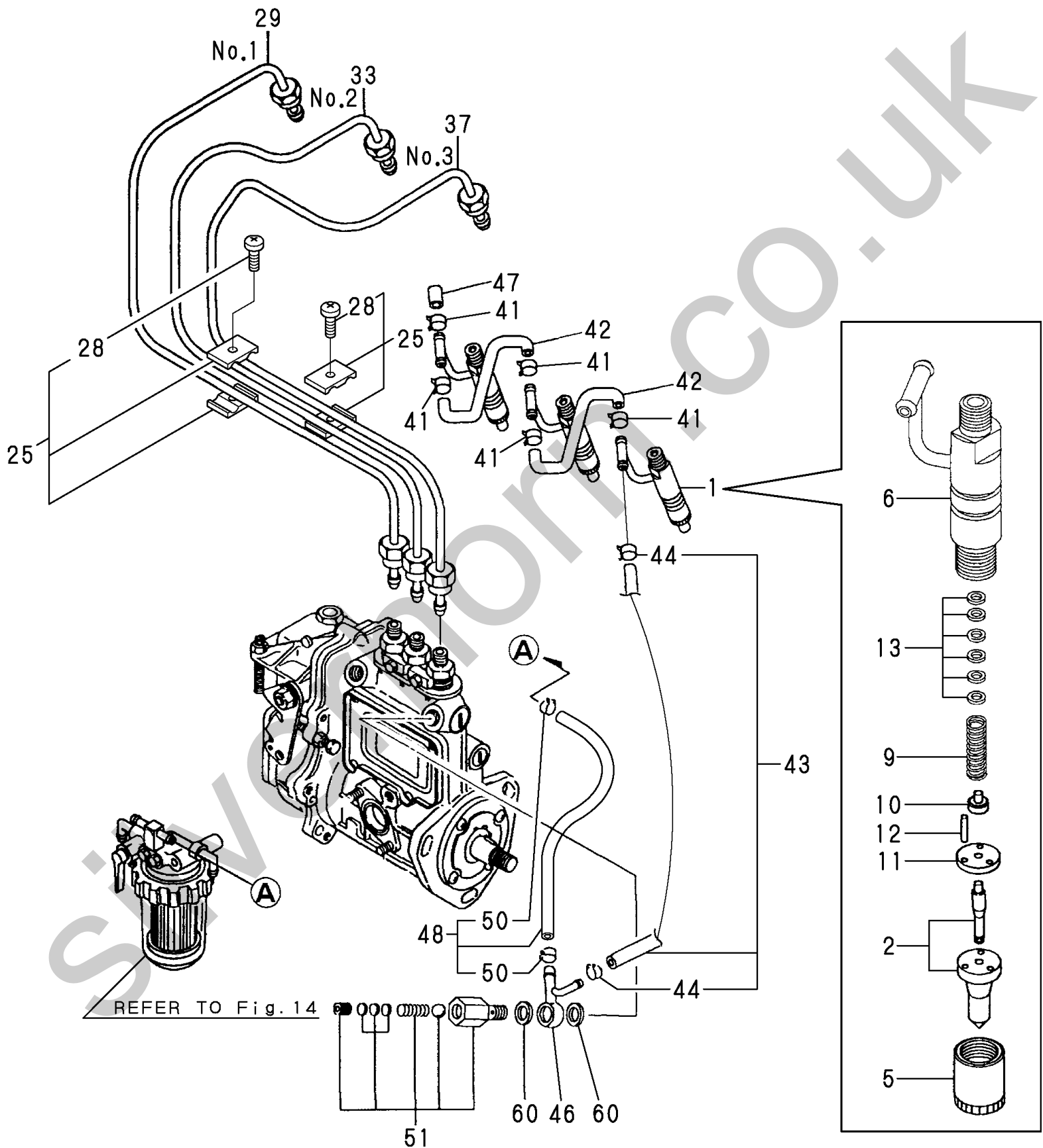
1,2,,129155-51280,, "O-RING S6",1,,,,,,,,,,,,,
2,2,,129052-61010,, "CASE, GOVERNOR",1,,,,,,,,,,,,,
3,2,,129052-61050,, PACKING,1,,,,,,,,,,,,,
4,2,,129052-61060,, COVER,1,,,,,,,,,,,,,
5,2,,129052-61070,, PACKING,1,,,,,,,,,,,,,
6,2,,129155-61120,, "LINK L=30(MARK 0",1,,,,,1,,,,,
7,2,,129155-61130,, "LINK L=31(MARK 1",1,,,,,1,,,,,
8,2,,129155-61140,, "LINK L=30.5(MARK 05)",1,,,,,1,,,,,
9,2,,129486-61201,, "WEIGHT ASSY,GOVERNOR",1,,,,,,,,,,,,,
13,2,,129155-61341,, SLEEVE,1,,,,,2,,,,,
14,2,,129155-61350,, SLEEVE,1,,,,,2,,,,,
15,2,,129155-61360,, SLEEVE,1,,,,,2,,,,,
16,2,,129100-61400,, "SHAFT ASSY, CONTROL",1,,,,,,,,,,,,,
19,2,,129155-61430,, "SPACER, SHAFT",1,,,,,,,,,,,,,
20,2,,129155-61450,, "BOLT, REVOL. LIMIT",1,,,,,,,,,,,,,
21,2,,129155-61460,, "BOLT, IDLE LIMIT",1,,,,,,,,,,,,,
22,2,,129155-61480,, "SPACER ASSY",2,,,,,,,,,,,,,
23,2,,129052-61390,, "SHAFT, GOV. LEVER",1,,,,,,,,,,,,,
24,2,,119908-61501,, "LEVER ASSY,GOVERNOR",1,,,,,,,,,,,,,
25,3,,174307-51700,, "SHIM SET",2,,,,,,,,,,,,,
29,4,,119600-61540,, SHIFTER,1,,,,,,,,,,,,,
30,4,,22272-000040,, "CIRCLIP E- 4",1,,,,,,,,,,,,,
33,3,,129486-61540,, "SPRING, SET",1,,,,,,,,,,,,,
41,2,,129155-61830,, "O-RING S10",1,,,,,,,,,,,,,
42,2,,119660-61901,, "RETAINER, SHAFT",1,,,,,,,,,,,,,
43,2,,129155-61950,, "BOLT, WASHER BASED",1,,,,,,,,,,,,,
44,2,,129209-61370,, "NUT M6",1,,,,,,,,,,,,,
45,2,,22117-040000,, "WASHER 4",1,,,,,,,,,,,,,
46,2,,22190-060003,, "SEAL WASHER 6",1,,,,,,,,,,,,,
47,2,,22190-100002,, "SEAL WASHER 10S",1,,,,,,,,,,,,,
48,2,,22190-120002,, "SEAL WASHER 12",2,,,,,,,,,,,,,
49,2,,22287-120000,, "WASHER 12",1,,,,,,,,,,,,,
50,2,,22372-040000,, "SNAP PIN 4",2,,,,,,,,,,,,,
51,2,,23887-100002,, "PLUG 10",1,,,,,,,,,,,,,
52,2,,24341-000280,, "O-RING 1A S-28.0",1,,,,,,,,,,,,,
53,2,,26106-060102,, "BOLT M 6X 10 PLATED",1,,,,,,,,,,,,,
54,2,,26106-060102,, "BOLT M 6X 10 PLATED",1,,,,,,,,,,,,,
55,2,,26106-060102,, "BOLT M 6X 10 PLATED",4,,,,,,,,,,,,,
56,2,,26106-060142,, "BOLT M 6X 14 PLATED",2,,,,,,,,,,,,,
57,2,,26106-060202,, "BOLT M 6X 20 PLATED",6,,,,,,,,,,,,,
58,2,,26756-060002,, "LOCK NUT 6",1,,,,,,,,,,,,,
59,2,,26736-120002,, "NUT M12",1,,,,,,,,,,,,,
60,2,,26776-120002,, "LOCK NUT M12 PLATED",1,,,,,,,,,,,,,
61,1,,129100-61440,, "LEVER, CONTROL",1,,,,,,,,,,,,,
62,1,,120323-61470,, "BOLT, CONTROL",1,,,,,,,,,,,,,
63,1,,119260-66720,, "ANGLEICH ASSY",1,,,,,,,,,,,,,
67,2,,129155-61590,, NUT,1,,,,,,,,,,,,,
71,1,,129100-61650,, "SPRING, FUEL CONTROL",1,,,,,,,,,,,,,
72,1,,129489-61700,, "SPRING, GOVERNOR",1,,,,,,,,,,,,,
73,1,,119233-77932,, "SOLENOID, STOP",1,,,,,,,,,,,,,
74,1,,26366-080002,, "NUT M 8",1,,,,,,,,,,,,,
75,1,,129209-61930,, "CAP NUT",1,,,,,,,,,,,,,
76,1,,129209-61940,, "CASE ASSY",1,,,,,,,,,,,,,
78,2,,24311-000150,, "O-RING 1A P-15.0",1,,,,,,,,,,,,,
80,1,,119285-66650,, "CAP, HIGH-IDLE",1,,,,,3,,,,,
81,1,,129209-61970,, PLATE,1,,,,,,,,,,,,,
82,1,,23414-120016,, "GASKET 12",1,,,,,,,,,,,,,

Fig. 12 GOVERNOR



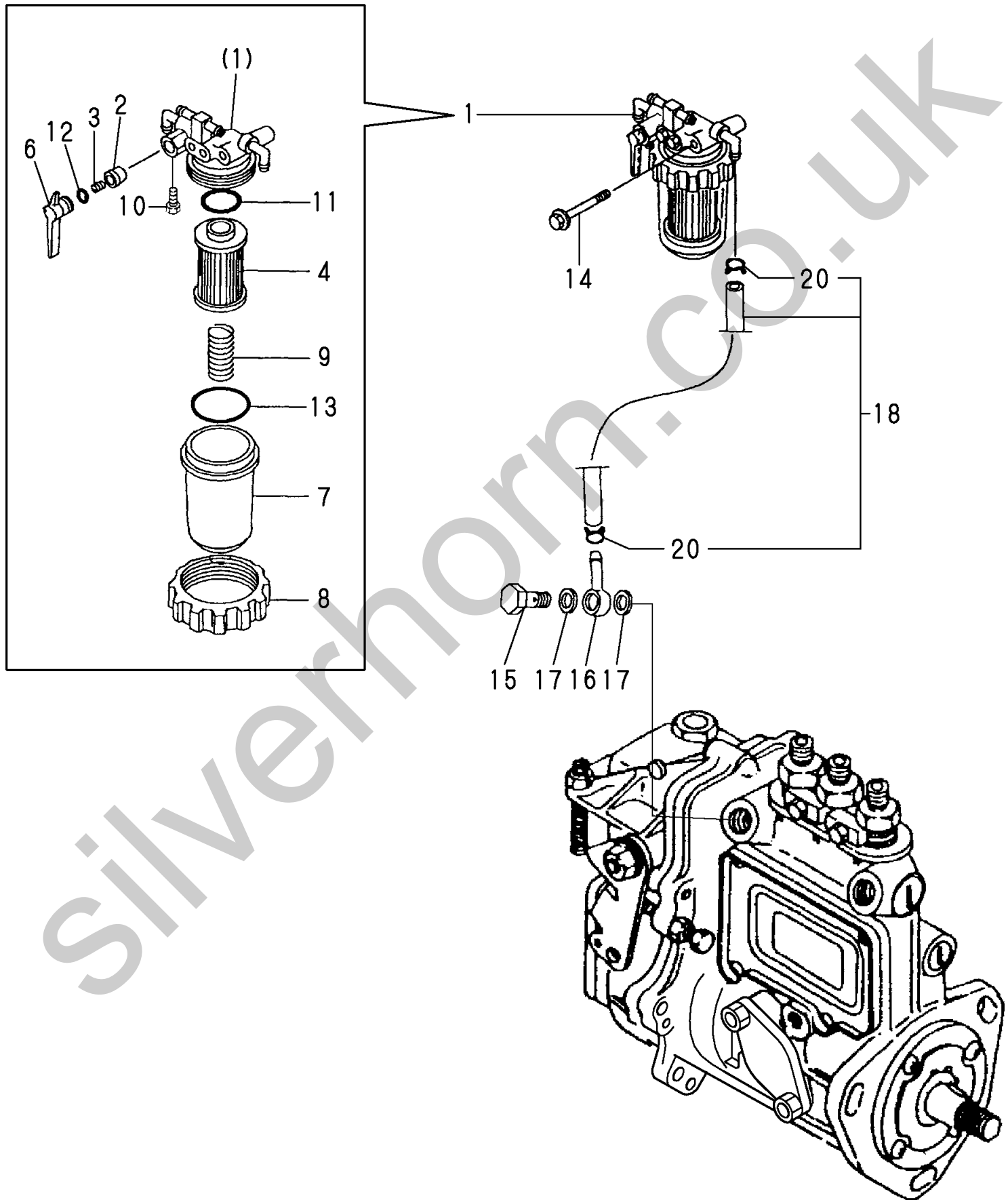
1,1,,729503-53100,, "VALVE ASSY, F.INJECT",1,,,,,,,,,,,,,
2,2,,129503-53000,, "NOZZLE ASSY,F.INJECT",3,,,,,,,,,,,,,
5,2,,114250-53080,, "NUT, NOZZLE CASE",3,,,,,,,,,,,,,
6,2,,129100-53100,, "HOLDER ASSY, NOZZLE",3,,,,,,,,,,,,,
9,2,,114250-53120,, "SPRING, NOZZLE",3,,,,,,,,,,,,,
10,2,,114250-53130,, "SEAT, NOZZLE SPRING",3,,,,,,,,,,,,,
11,2,,114250-53140,, "PLATE, STOP",3,,,,,,,,,,,,,
12,2,,114250-53210,, PIN,6,,,,,,,,,,,,,
13,2,,114250-53400,, "SHIM PACK",3,,,,,,,,,,,,,
25,1,,119305-59120,, RETAINER,2,,,,,,,,,,,,,
28,2,,129150-59131,, "BOLT M4X14,HEX.SCKT.",2,,,,,,,,,,,,,
29,1,,129001-59910,, "PIPE, FUEL INJECTION",1,,,,,,,,,,,,,
33,1,,129001-59920,, "PIPE, FUEL INJECTION",1,,,,,,,,,,,,,
37,1,,129001-59930,, "PIPE, FUEL INJECTION",1,,,,,,,,,,,,,
41,1,,124066-59100,, "CLAMP 8",7,,,,,,,,,,,,,
42,1,,121250-59550,, "PIPE, FUEL",2,,,,,,,,,,,,,
43,1,,119840-59500,, "PIPE ASSY, RETURN",1,,,,,,,,,,,,,
44,2,,124066-59100,, "CLAMP 8",2,,,,,,,,,,,,,
46,1,,119840-59570,, JOINT,1,,,,,,,,,,,,,
47,1,,129150-59580,, CAP,1,,,,,,,,,,,,,
48,1,,129210-59120,, "PIPE ASSY, FUEL",1,,,,,,,,,,,,,
50,2,,124766-59050,, "CLAMP 12",2,,,,,,,,,,,,,
51,1,,129100-59951,, "VALVE ASSY, CHECK",1,,,,,,,,,,,,,
60,1,,22190-120002,, "SEAL WASHER 12",2,,,,,,,,,,,,,

Fig. 13 FUEL INJECTION PIPE



1,1,,129052-55620,, "STRAINER ASSY, FUEL",1,,,,,,,,,,,,,
2,2,,104200-55321,, "VALVE, TAPER",1,,,,,,,,,,,,,
3,2,,104200-55330,, "SPRING, TAPER VALVE",1,,,,,,,,,,,,,
4,2,,129100-55650,, "ELEMENT, FUEL",1,,,,,,,,,,,,,
6,2,,129100-55670,, LEVER,1,,,,,,,,,,,,,
7,2,,129100-55680,, "CUP, STRAINER",1,,,,,,,,,,,,,
8,2,,129100-55690,, "RING, RETAINING",1,,,,,,,,,,,,,
9,2,,129100-55700,, SPRING,1,,,,,,,,,,,,,
10,2,,104200-55750,, "SCREW M 4",1,,,,,,,,,,,,,
11,2,,24311-000160,, "O-RING 1A P-16.0",1,,,,,,,,,,,,,
12,2,,24311-240100,, "O-RING 1A P-10A",1,,,,,,,,,,,,,
13,2,,24321-000650,, "O-RING 1A G-65.0",1,,,,,,,,,,,,,
14,1,,26014-080702,, "BOLT W/WASHER M8X 70",1,,,,,,,,,,,,,
15,1,,103854-39140,, "BOLT, PIPE JOINT",1,,,,,,,,,,,,,
16,1,,101304-59020,, "JOINT 12, PIPE",1,,,,,,,,,,,,,
17,1,,22190-120002,, "SEAL WASHER 12",2,,,,,,,,,,,,,
18,1,,129210-59040,, "PIPE ASSY, FUEL OIL",1,,,,,,,,,,,,,
20,2,,124766-59050,, "CLAMP 12",2,,,,,,,,,,,,,

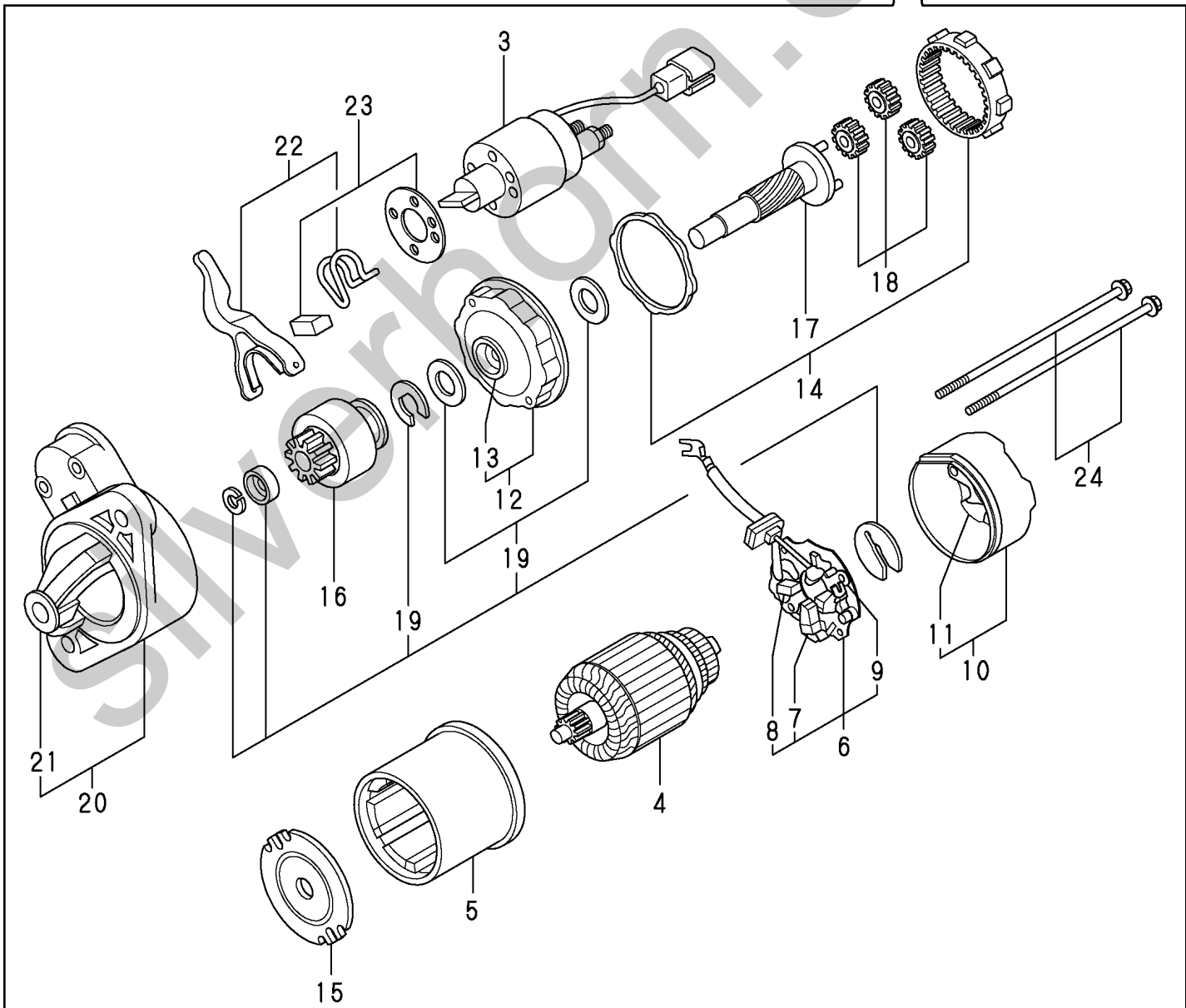
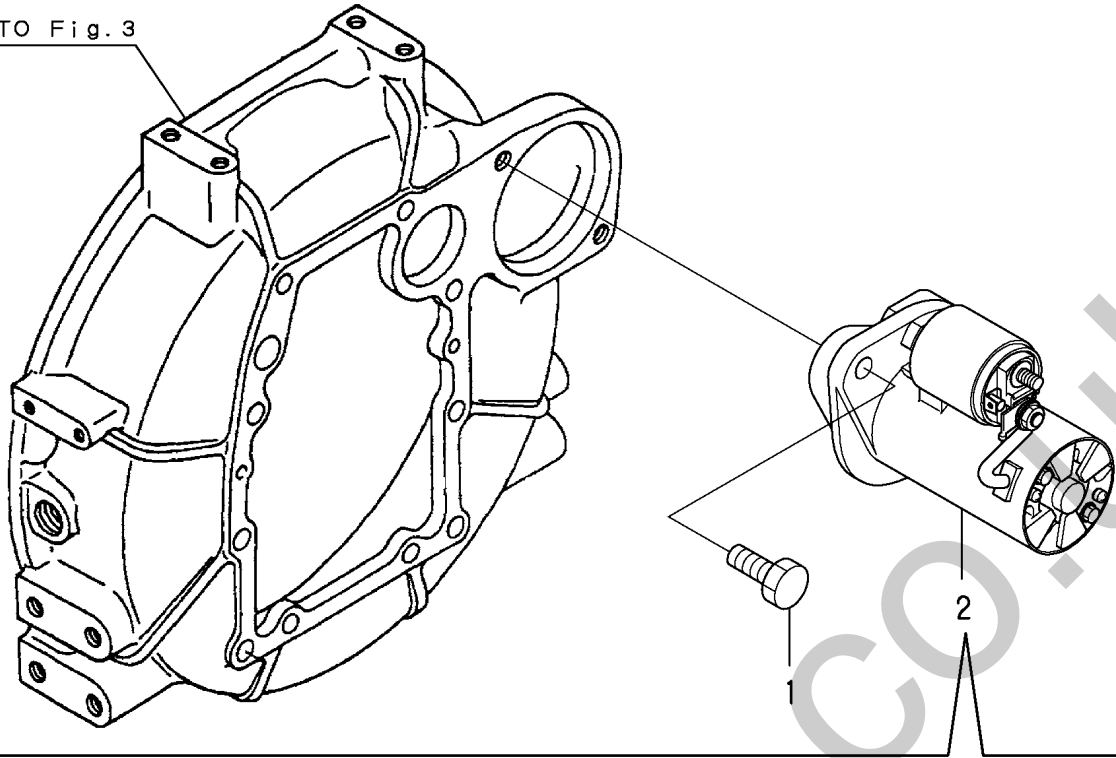
Fig. 14 FUEL PIPE



1,1,,26116-120252,, "BOLT M12X 25 PLATED",2,,,,,,,,,,,,,
2,1,,129698-77010,, STARTER,1,,,,,,,,,,,,,
3,2,,129698-77020,, "MAGNETIC SWITCH ASSY",1,,,,,,,,,,,,,
4,2,,129698-77101,, "ARMATURE ASSY",1,,,,,,,,,,,,,
5,2,,129698-77110,, "COIL ASSY, FIELD",1,,,,,,,,,,,,,
6,2,,129698-77120,, "HOLDER ASSY, BRUSH",1,,,,,,,,,,,,,
7,3,,129698-77130,, "BRUSH (-)",2,,,,,,,,,,,,,
8,3,,129698-77140,, "BRUSH(+) SET",1,,,,,,,,,,,,,
9,3,,129698-77150,, "SPRING, BRUSH",4,,,,,,,,,,,,,
10,2,,129698-77161,, "COVER ASSY, REAR",1,,,,,,,,,,,,,
11,3,,129698-77170,, "REAR COVER METAL",1,,,,,,,,,,,,,
12,2,,129698-77180,, BRACKET,1,,,,,,,,,,,,,
13,3,,129698-77190,, BRACKET,1,,,,,,,,,,,,,
14,2,,129698-77200,, "INTERNAL GEAR",1,,,,,,,,,,,,,
15,2,,129698-77210,, BRACKET,1,,,,,,,,,,,,,
16,2,,129698-77220,, "PINION ASSY",1,,,,,,,,,,,,,
17,2,,129698-77230,, SHAFT(PINION,1,,,,,,,,,,,,,
18,2,,129698-77240,, GEAR,3,,,,,,,,,,,,,
19,2,,129698-77250,, "WASHER SET",1,,,,,,,,,,,,,
20,2,,129698-77260,, "HOUSING ASSY, GEARS",1,,,,,,,,,,,,,
21,3,,X2114535200,, "METAL, STARTER",1,,,,,,,,,,,,,
22,2,,129698-77270,, "LEVER, SHIFT",1,,,,,,,,,,,,,
23,2,,129698-77280,, "COVER ASSY, DUST",1,,,,,,,,,,,,,
24,2,,124195-77770,, "THROUGH BOLT",2,,,,,,,,,,,,,

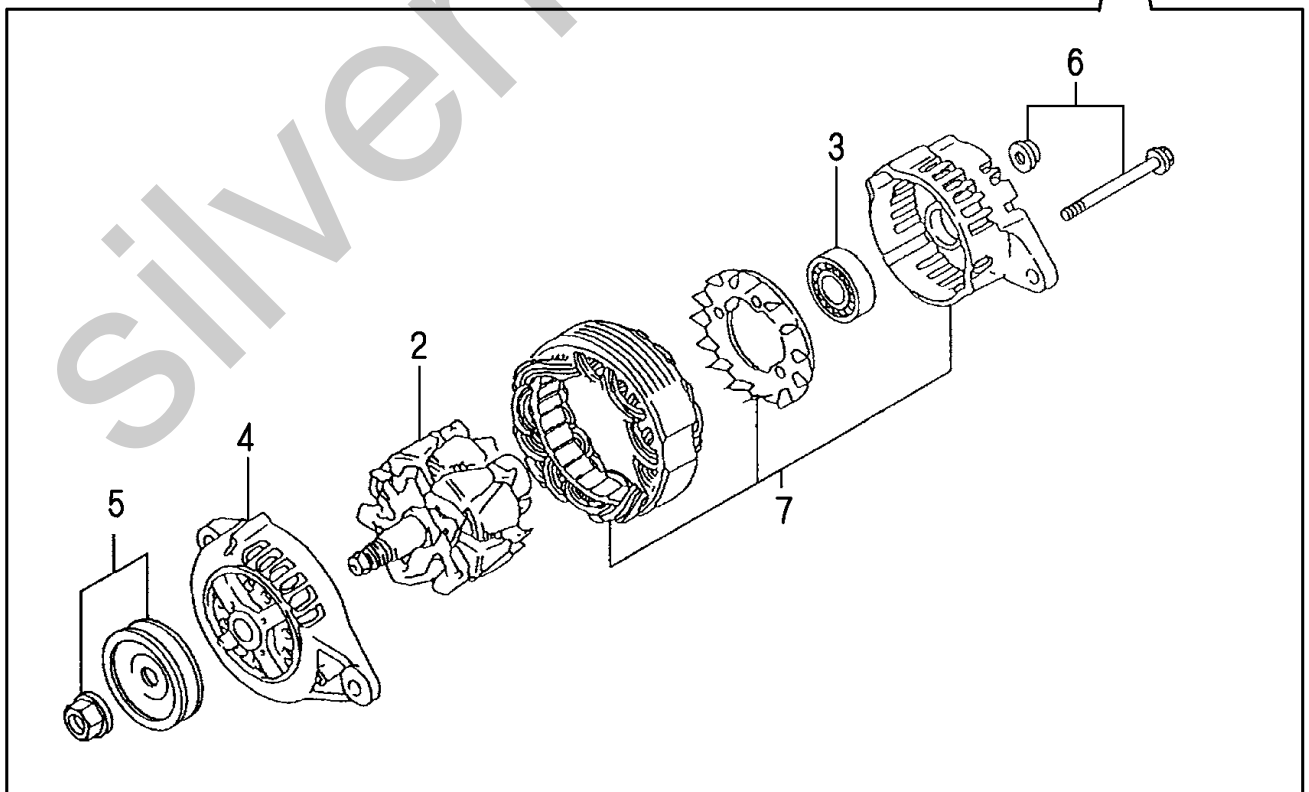
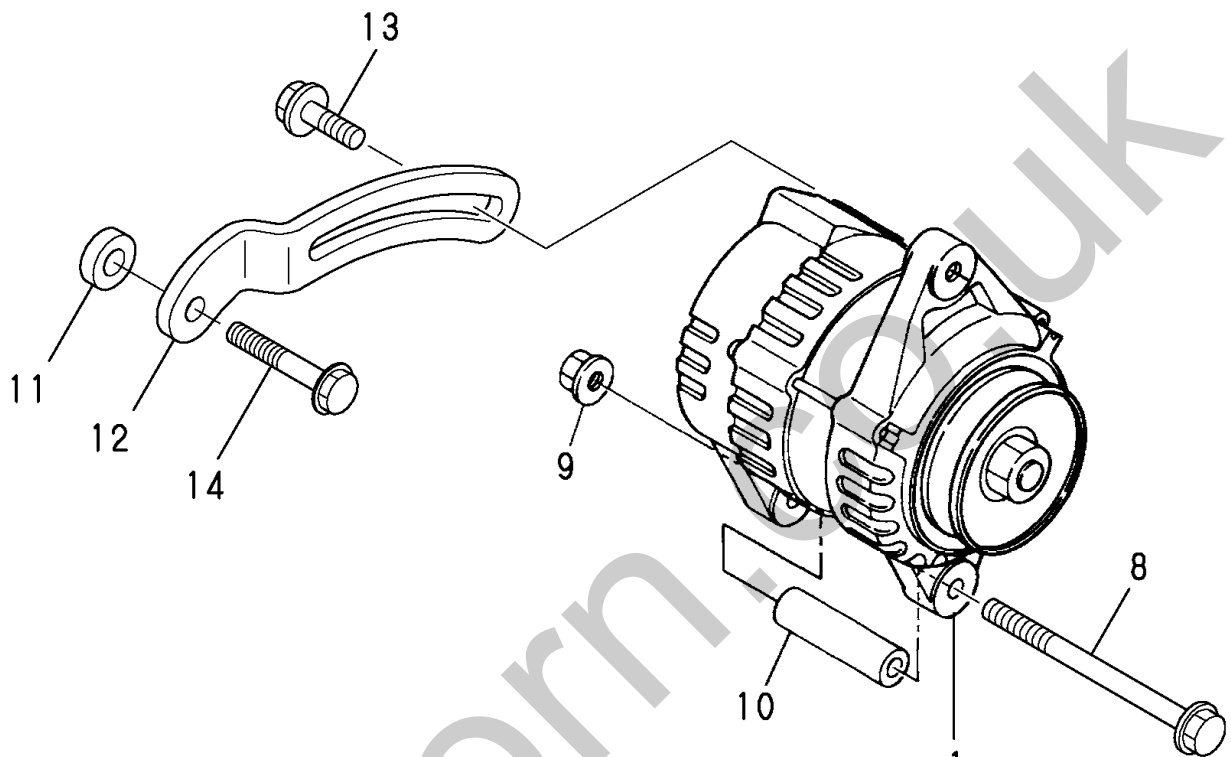
Fig. **15** STARTING MOTOR

REFER TO Fig. 3



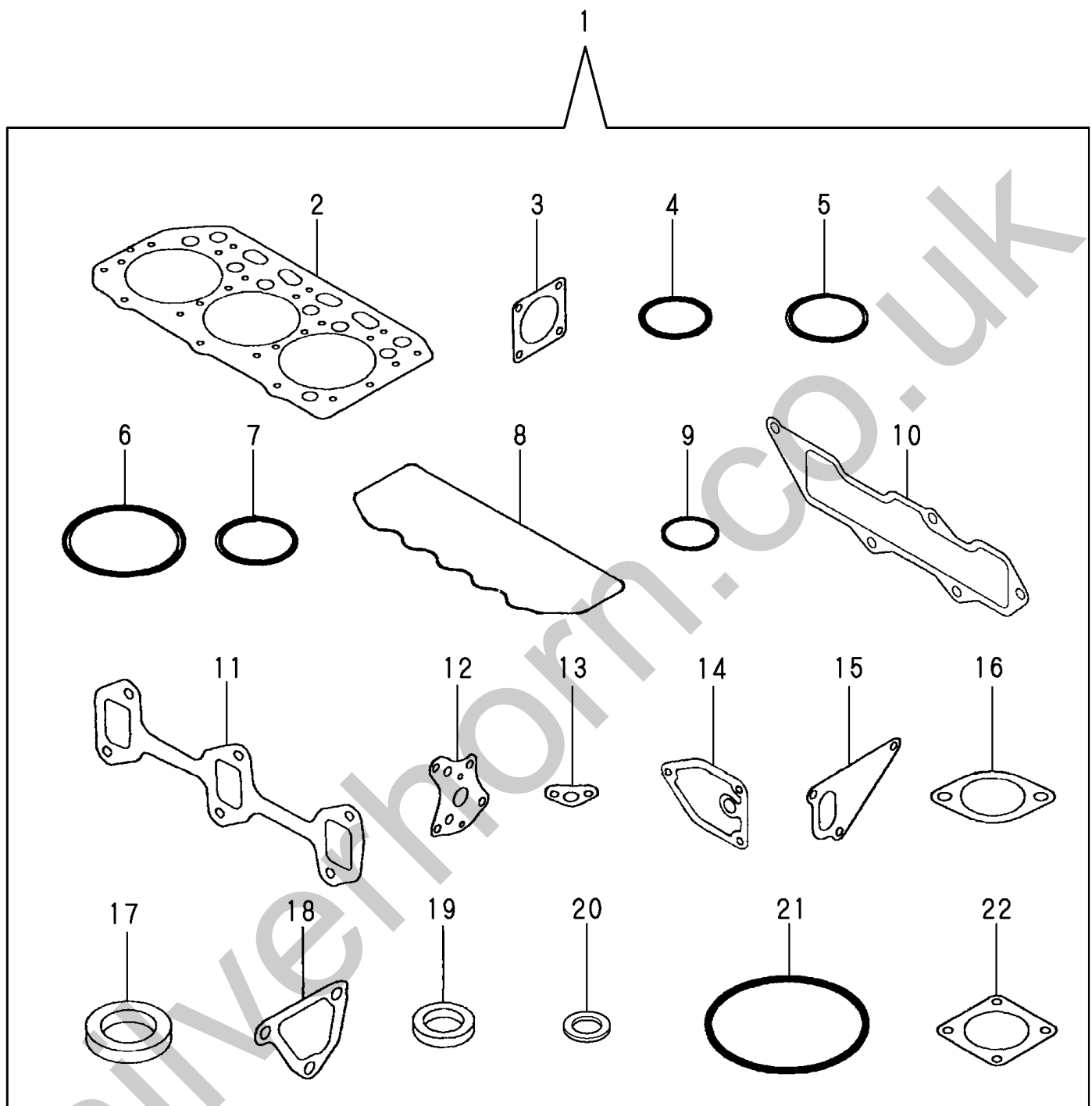
1,1,,119836-77201,, "GENERATOR (AC)",1,,,,,,,,,,,,,
2,2,,129612-77700,, "ROTOR ASSY",1,,,,,,,,,,,,,
3,2,,129612-77710,, "BALL BEARING",1,,,,,,,,,,,,,
4,2,,129612-77730,, "FRONT BRACKET ASSY",1,,,,,,,,,,,,,
5,2,,129612-77740,, PULLEY,1,,,,,,,,,,,,,
6,2,,129612-77750,, "SCREW KIT",1,,,,,,,,,,,,,
7,2,,119836-77920,, "BRACKET ASSY, REAR",1,,,,,,,,,,,,,
8,1,,129136-77251,, "BOLT M 8X110",1,,,,,,,,,,,,,
9,1,,129612-77260,, "NUT ,GENERATOR",1,,,,,,,,,,,,,
10,1,,119820-77340,, SPACER,1,,,,,,,,,,,,,
11,1,,106500-44810,, SPACER,1,,,,,,,,,,,,,
12,1,,129211-77330,, ADJUSTER,1,,,,,,,,,,,,,
13,1,,119810-77340,, BOLT,1,,,,,,,,,,,,,
14,1,,26106-080502,, "BOLT M 8X 50 PLATED",1,,,,,,,,,,,,,

Fig. **16** GENERATOR

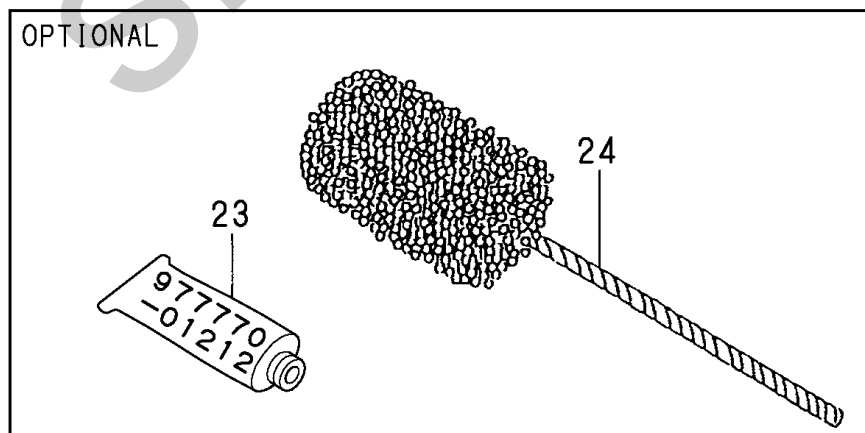


1,1,,729030-92760,, "GASKET SET (NON.ASB.)",1,,,,,,,,1,,,,,,,,,
2,2,,129001-01340,, "GASKET, (NON-ASB.)",1,,,,,,,,,,,,,,,,,
3,2,,124240-01883,, "GASKET, (NON-ASB.)",1,,,,,,,,,,,,,,,,,
4,2,,121850-51960,, "O-RING, F.I.PUMP",1,,,,,,,,,,,,,,,,,
5,2,,24311-000320,, "O-RING 1A P-32.0",2,,,,,,,,,,,,,,,,,
6,2,,24341-000500,, "O-RING 1A S-50.0",1,,,,,,,,,,,,,,,,,
7,2,,24311-000320,, "O-RING 1A P-32.0",1,,,,,,,,,,,,,,,,,
8,2,,129150-11310,, "GASKET, BONNET",1,,,,,,,,,,,,,,,,,
9,2,,24311-000120,, "O-RING 1A P 12.0",3,,,,,,,,,,,,,,,,,
10,2,,129001-12110,, "GASKET, INT. MANIFOLD",1,,,,,,,,,,,,,,,,,
11,2,,129150-13110,, "GASKET, EXH.MANIFOLD",1,,,,,,,,,,,,,,,,,
12,2,,129150-32020,, "GASKET, L.O. PUMP",1,,,,,,,,,,,,,,,,,
13,2,,129150-35041,, "GASKET, (NON-ASB.)",1,,,,,,,,,,,,,,,,,
14,2,,129150-35111,, "GASKET, (NON-ASB.)",1,,,,,,,,,,,,,,,,,
15,2,,129407-42020,, "PK, CW PUMP",1,,,,,,,,,,,,,,,,,
16,2,,129795-49551,, "GASKET, (NON-ASB.)",1,,,,,,,,,,,,,,,,,
17,2,,129150-49811,, "GASKET, (NON-ASB.)",1,,,,,,,,,,,,,,,,,
18,2,,129407-49840,, "GASKET, (NON-ASB.)",1,,,,,,,,,,,,,,,,,
19,2,,124465-44950,, "GASKET 16",1,,,,,,,,,,,,,,,,,
20,2,,129150-49360,, "GASKET 10",1,,,,,,,,,,,,,,,,,
21,2,,24321-000650,, "O-RING 1A G-65.0",1,,,,,,,,,,,,,,,,,
22,2,,129150-77511,, "GASKET, (NON-ASB.)",1,,,,,,,,,,,,,,,,,
23,1,,977770-01212,, "GASKET, LIQUID",1,,,,,1,,,,,,,,,
24,1,,129400-92420,, "FLEX HORN",1,,,,,1,,,,,,,,,

Fig. **17** GASKET SET & TOOLS



OPTIONAL



0,Y00B6830
1,001,, "ENGINE 3TNE88-EBVCA"
2,1,, "CYLINDER BLOCK",3TNE88-EBVCA,,,
2,2,, "GEAR HOUSING",3TNE88-EBVCA,,,
2,3,, "FLYWHEEL HOUSING & L.O.SUMP",3TNE88-EBVCA,,,
2,4,, "CYLINDER HEAD & BONNET",3TNE88-EBVCA,,,
2,5,, "SUCTION MANIFOLD",3TNE88-EBVCA,,,
2,6,, "EXHAUST MANIFOLD",3TNE88-EBVCA,,,
2,7,, "CAMSHAFT & DRIVING GEAR",3TNE88-EBVCA,,,
2,8,, "CRANKSHAFT & PISTON",3TNE88-EBVCA,,,
2,9,, "LUB.OIL SYSTEM",3TNE88-EBVCA,,,
2,10,, "COOLING WATER SYSTEM",3TNE88-EBVCA,,,
2,11,, "FUEL INJECTION PUMP",3TNE88-EBVCA,,,
2,12,, GOVERNOR,3TNE88-EBVCA,,,
2,13,, "FUEL INJECTION PIPE",3TNE88-EBVCA,,,
2,14,, "FUEL PIPE",3TNE88-EBVCA,,,
2,15,, "STARTING MOTOR",3TNE88-EBVCA,,,
2,16,, GENERATOR,3TNE88-EBVCA,,,
2,17,, "GASKET SET & TOOLS",3TNE88-EBVCA,,,