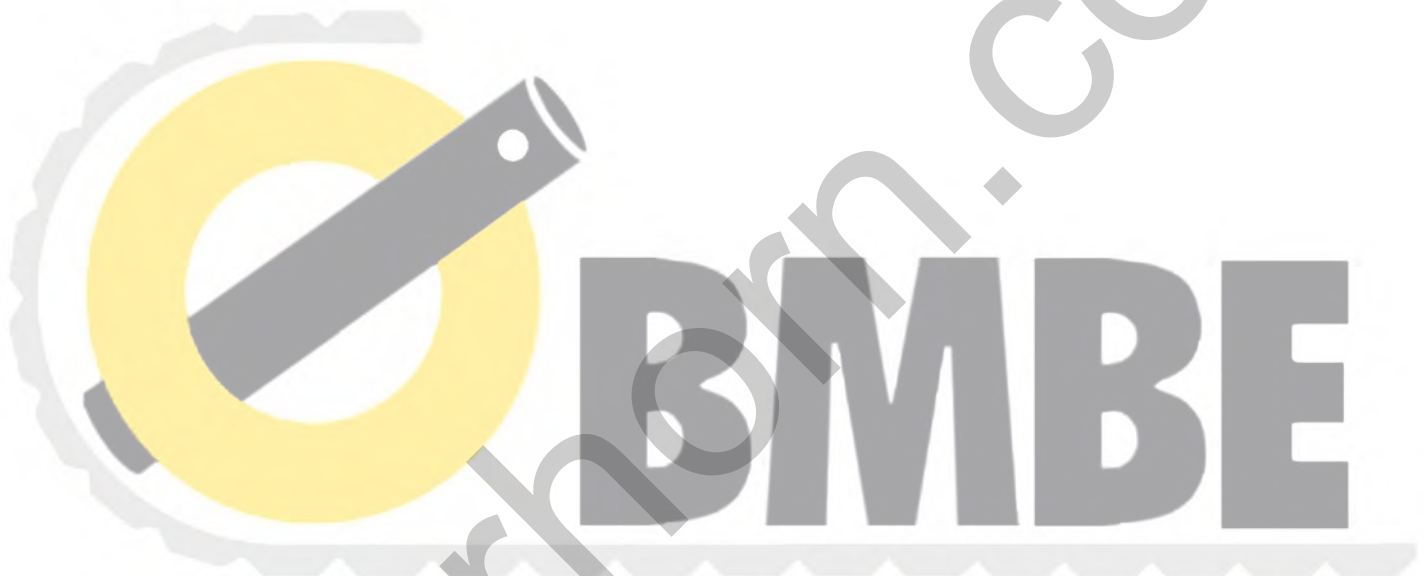


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JpnSec2=  
JpnSec3=  
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EngUse=1  
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EngSec2=SMALL VERTICAL (Vi0)  
EngSec3=TNE  
EngPreface=0

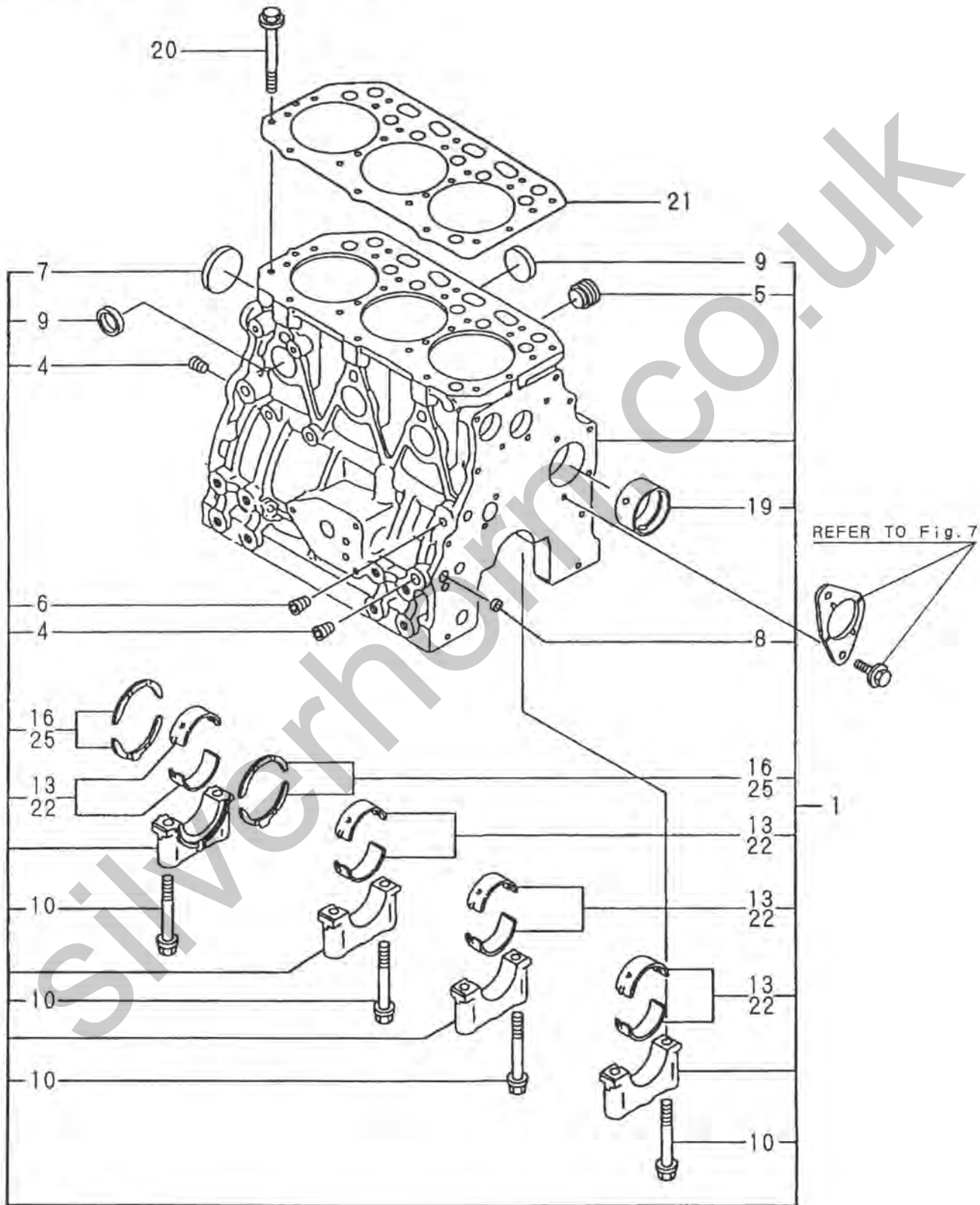


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 5,2,,171051-01921,, PLUG,1,,,,,,,,,,,,,  
 6,2,,23876-010000,, "PLUG PT1/8, SCREW",1,,,,,,,,,,,,,  
 7,2,,129001-01250,, "PLUG 50",1,,,,,,,,,,,,,  
 8,2,,27241-120000,, "PLUG 12",2,,,,,,,,,,,,,  
 9,2,,27241-300000,, "PLUG 30",6,,,,,,,,,,,,,  
 10,2,,129150-02020,, "BOLT, METAL CAP",8,,,,,,,,,,,,,  
 13,2,,129001-02800,, "MAIN BEARING",4,,,,,,,,,,,,,  
 16,2,,129150-02930,, "METAL, THRUST",2,,,,,,,,,,,,,  
 19,2,,129795-02411,, "BUSH, CAMSHAFT",1,,,,,,,,,,,,,  
 20,1,,129150-01200,, "STUD, CYL. HEAD",14,,,,,,,,,,,,,  
 21,1,,129001-01340,, "GASKET, (NON-ASB.)",1,,,,,,,,,A,,,,,,,,,  
 22,1,,129150-02870,, "MAIN METAL US=0.25",4,,,,,,,,,1,,,,,,,,,  
 25,1,,129150-02940,, "METAL, THRUST.25(2PIE",1,,,,,,,,,2,,,,,,,,,



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Fig. 1 CYLINDER BLOCK

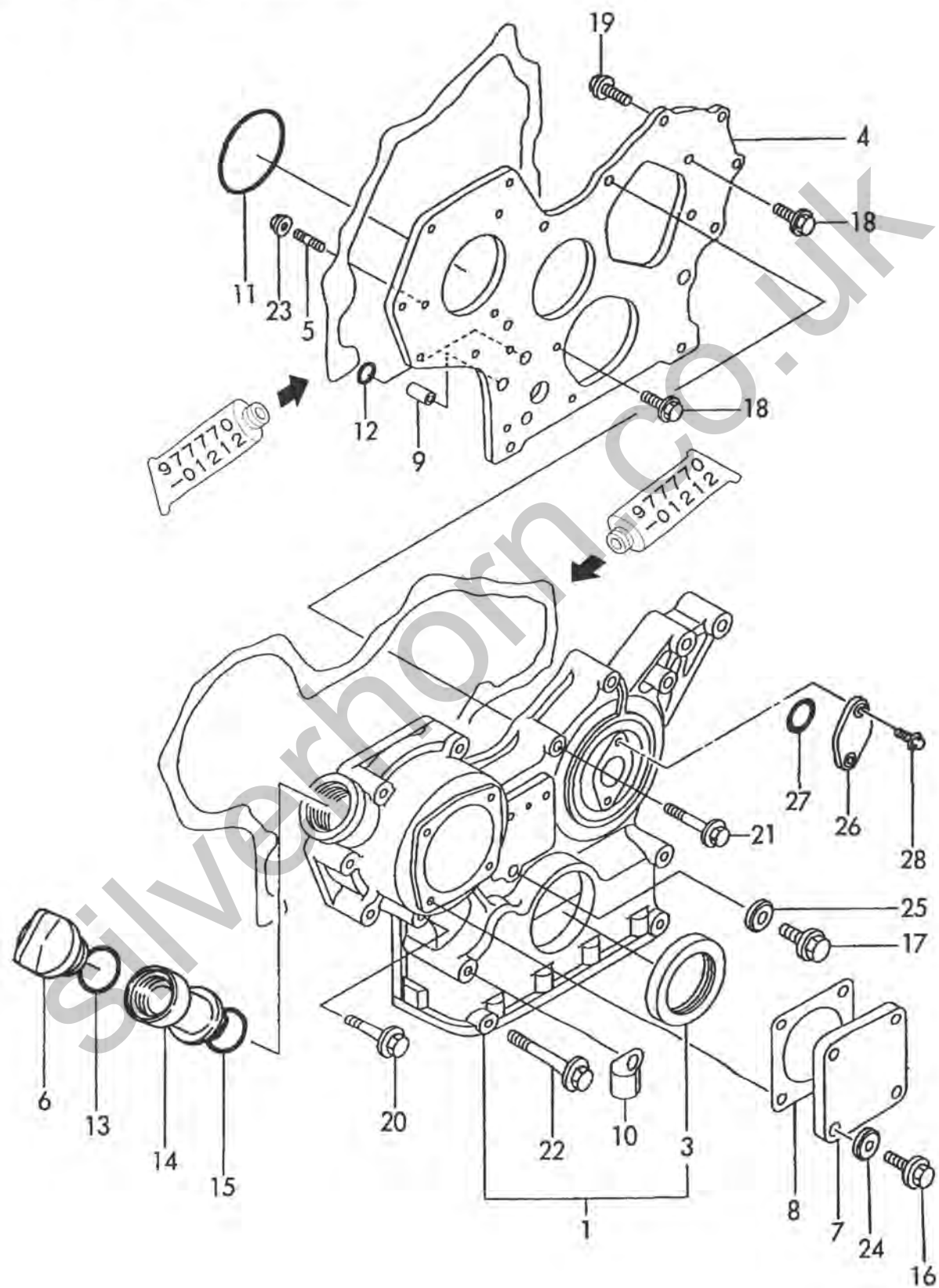


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3,2,,129795-01800,, "SEAL, OIL",1,,,,,,,,,,,,,  
4,1,,129400-01520,, "FLANGE,GEARS HOUSING",1,,,,,,,,,,,,,  
5,1,,121450-01560,, "STUD M 8X 22",3,,,,,,,,,,,,,  
6,1,,124160-01751,, "CAP, LUB.OIL SUPPLY",1,,,,,,,,,,,,,  
7,1,,124240-01871,, "COVER, HO-P",1,,,,,,,,,,,,,  
8,1,,124240-01883,, "GASKET, (NON-ASB.)",1,,,,,,A,,,,,,  
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,,,,,,A,,,,,,  
12,1,,24311-000160,, "O-RING 1A P-16.0",2,,,,,,,,,,,,,  
13,1,,24311-000320,, "O-RING 1A P-32.0",1,,,,,,A,,,,,,  
14,1,,171031-11741,, "PIPE",1,,,,,,,,,,,,,  
15,1,,24311-000320,, "O-RING 1A P-32.0",1,,,,,,A,,,,,,  
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,,26366-080002,, "NUT M 8",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,,,,,,,,,,,,,

**BIMBE**

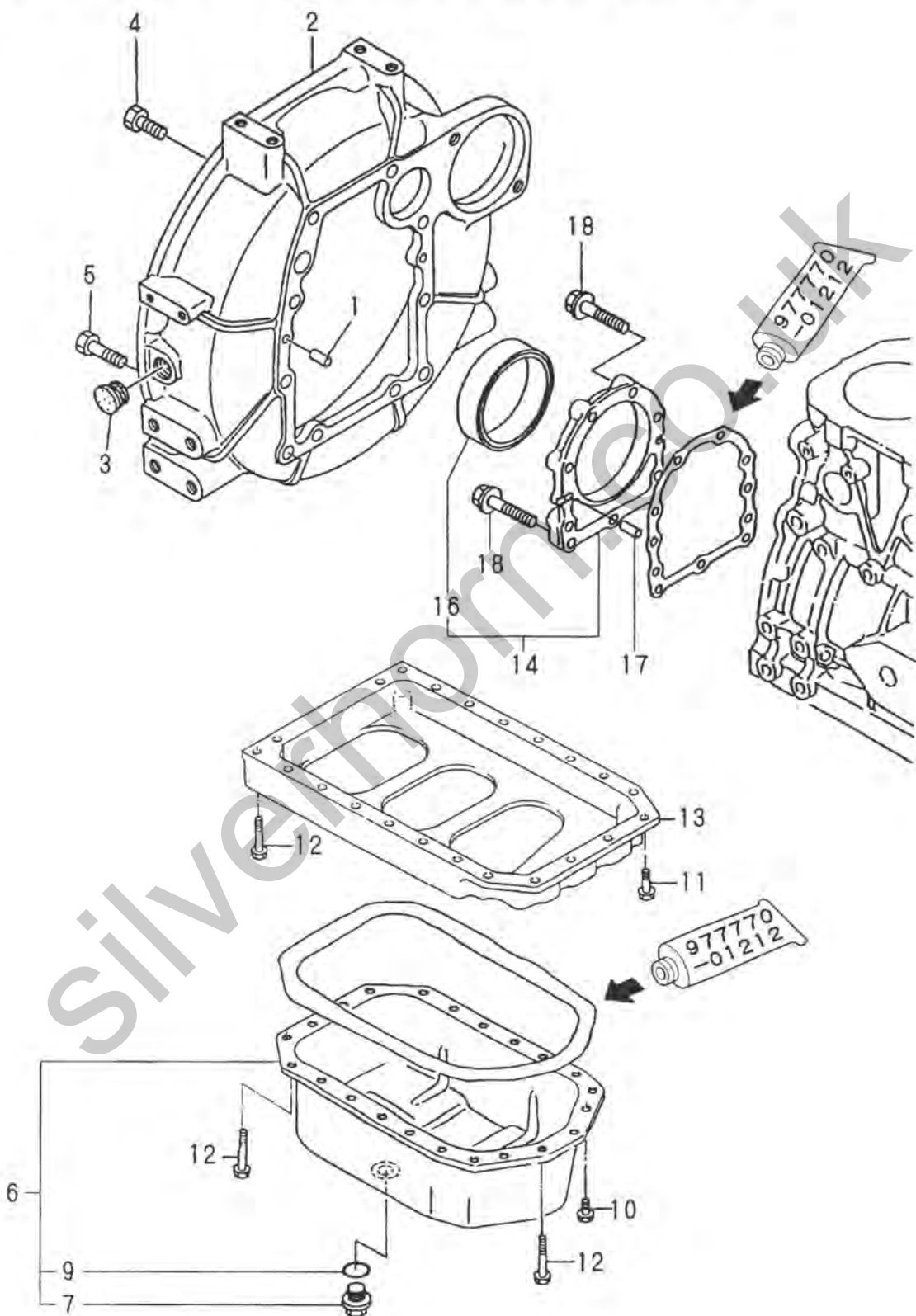
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Fig. **2** GEAR HOUSING



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,,,,,,,,,,,,,  
 16,2,,129795-01780,, "SEAL, OIL",1,,,,,,,,,,,,,  
 17,1,,129100-01580,, "PARALLEL PIN 8X16",2,,,,,,,,,,,,,  
 18,1,,129486-01670,, "BOLT M8X30, COLLAR HD",9,,,,,,,,,,,,,

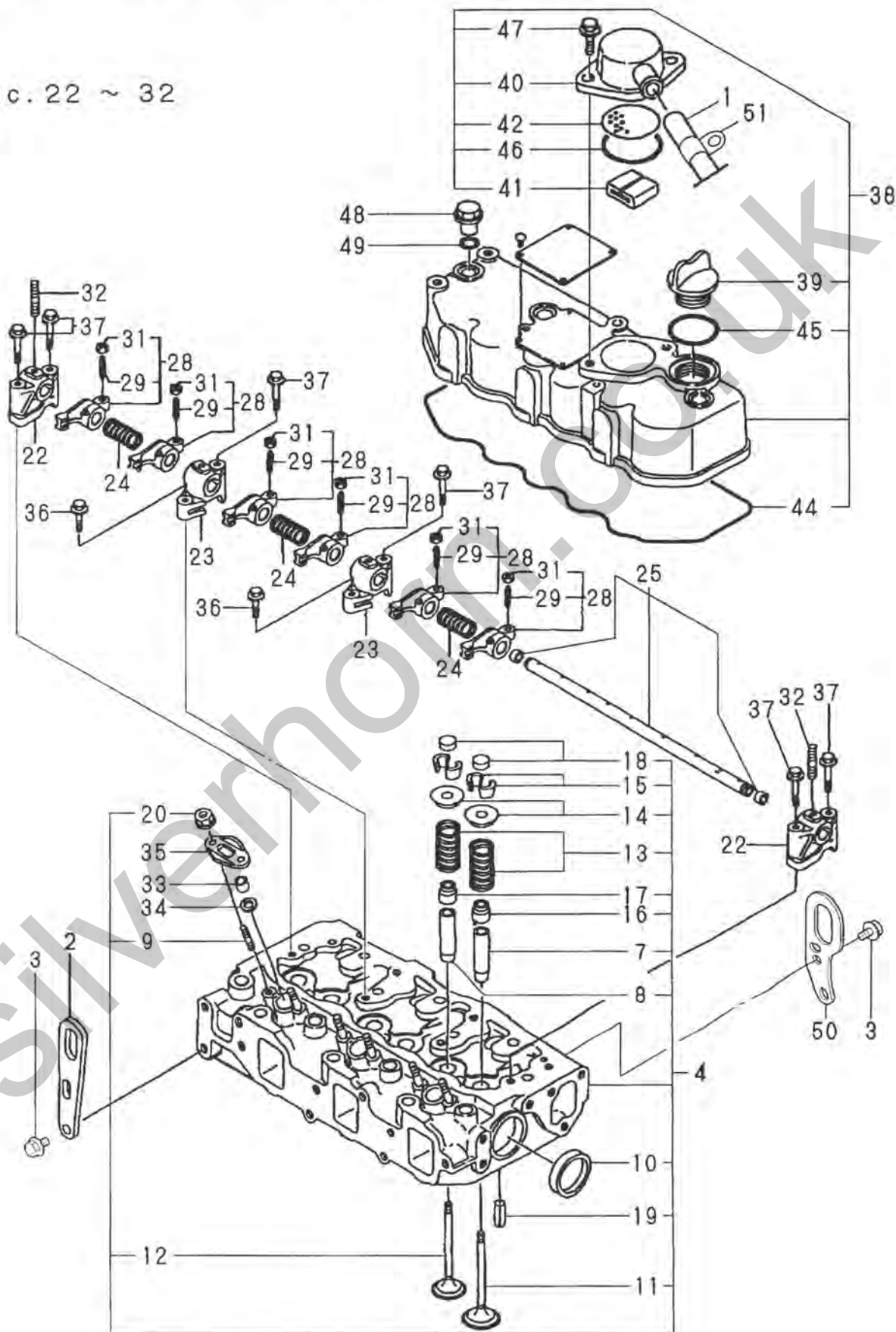


**3****Fig. 3 FLYWHEEL HOUSING & LUB. OIL SUMP**

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,,,,,,,,,,,,,  
7,2,,120130-11160,, "GUIDE, INTAKE",3,,,,,,1,,,,,,,,,  
8,2,,129150-11170,, "GUIDE, EXHAUST",3,,,,,,1,,,,,,,,,  
9,2,,26216-060202,, "STUD M 6X 20 PLATED",6,,,,,,,,,,,,,  
10,2,,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,,22351-060012,, "SPRING PIN 6X12",2,,,,,,,,,,,,,  
20,2,,26366-060002,, "NUT M 6",6,,,,,,,,,,,,,  
21,1,,129155-11241,, "SHAFT ASSY, ROCKER",1,,,,,,,,,,,,,  
22,2,,129155-11260,, "SUPPORT, ROCKER ARM",2,,,,,,,,,,,,,  
23,2,,129155-11270,, "SUPPORT, ROCKER ARM",2,,,,,,,,,,,,,  
24,2,,129150-11280,, "SPRING",3,,,,,,,,,,,,,  
25,2,,129150-11290,, "SHAFT, ROCKER ARM",1,,,,,,,,,,,,,  
28,2,,729402-11650,, "ARM ASSY, ROCKER",6,,,,,,,,,,,,,  
29,3,,129150-11230,, "SCREW, VALVE",6,,,,,,,,,,,,,  
31,3,,129150-11750,, "NUT M8XP1.0",6,,,,,,,,,,,,,  
32,2,,26226-080182,, "STUD M 8X 18 PLATED",3,,,,,,,,,,,,,  
33,1,,119625-11870,, "PROTECTOR, NOZZLE",3,,,,,,,,,,,,,  
34,1,,119625-11880,, "SEAT, NOZZLE",3,,,,,,,,,,,,,  
35,1,,119625-11900,, "RETAINER",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,, "CAP, LUB.OIL SUPPLY",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,,,,,,A,,,,,,,,,  
45,2,,24311-000320,, "O-RING 1A P-32.0",1,,,,,,A,,,,,,,,,  
46,2,,24341-000500,, "O-RING 1A S-50.0",1,,,,,,A,,,,,,,,,  
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,,,,,,A,,,,,,,,,  
50,1,,119260-07900,, "LIFTER, ENGINE",1,,,,,,,,,,,,,  
51,1,,129150-03100,, "RETAINER",1,,,,,,,,,,,,,

Fig. 4 CYLINDER HEAD & BONNET

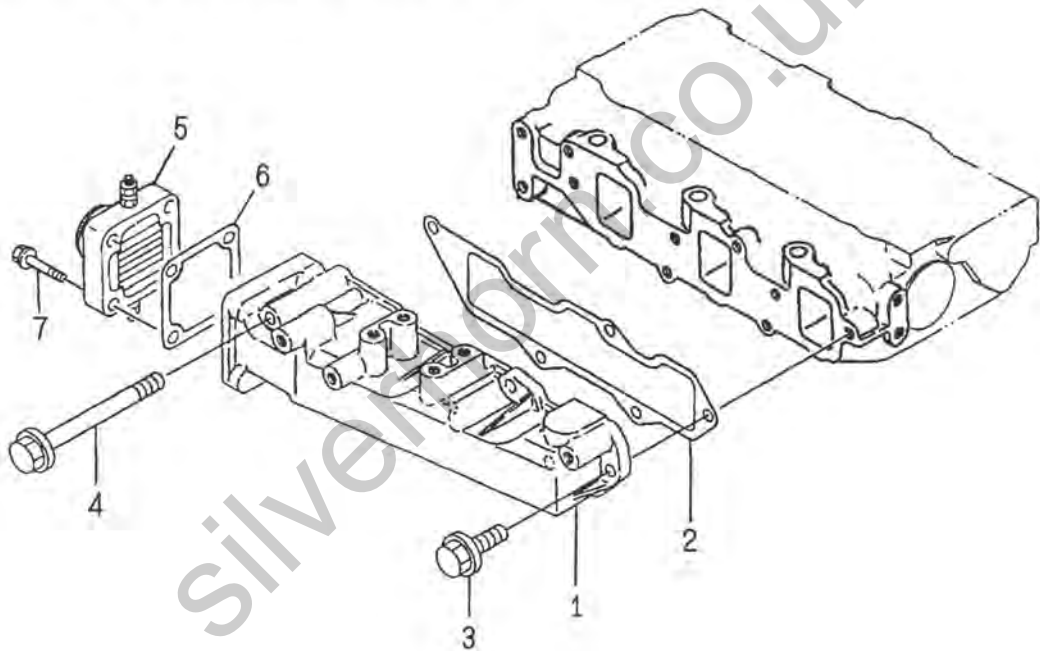
21 inc. 22 ~ 32



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2,1,,129001-12110,, "GASKET, INT. MANIFOLD",1,,,,,,,,,A,,,,,,,,,  
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,,,,,,,,,A,,,,,,,,,  
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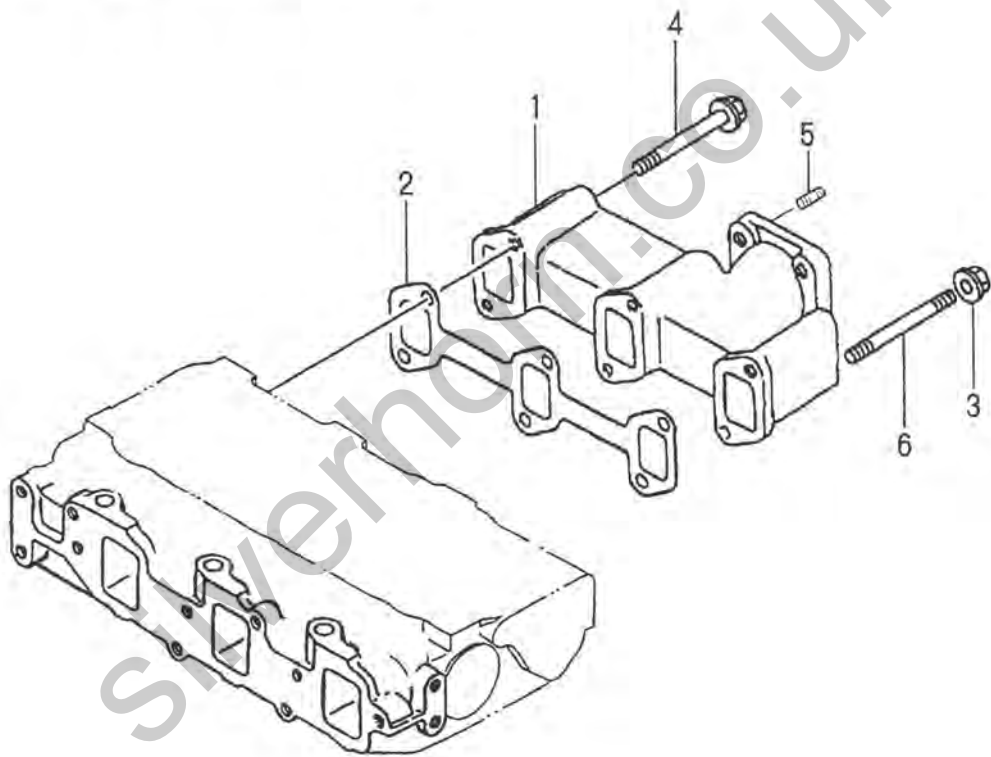
Fig. **5** SUC. MANIFOLD



1,1,,129100-13110,, "MANIFOLD, EXHAUST",1,,,,,,,,,,,,,  
2,1,,129150-13110,, "GASKET, EXH.MANIFOLD",1,,,,,,,,,A,,,,,,,,,  
3,1,,26366-080002,, "NUT M 8",2,,,,,,,,,,,,,  
4,1,,26106-080802,, "BOLT M 8X 80 PLATED",4,,,,,,,,,,,,,  
5,1,,119131-18320,, "BOLT M 8X 22",4,,,,,,,,,,,,,  
6,1,,26216-080802,, "STUD M 8X 80 PLATED",2,,,,,,,,,,,,,



Fig. **6** EXH. MANIFOLD

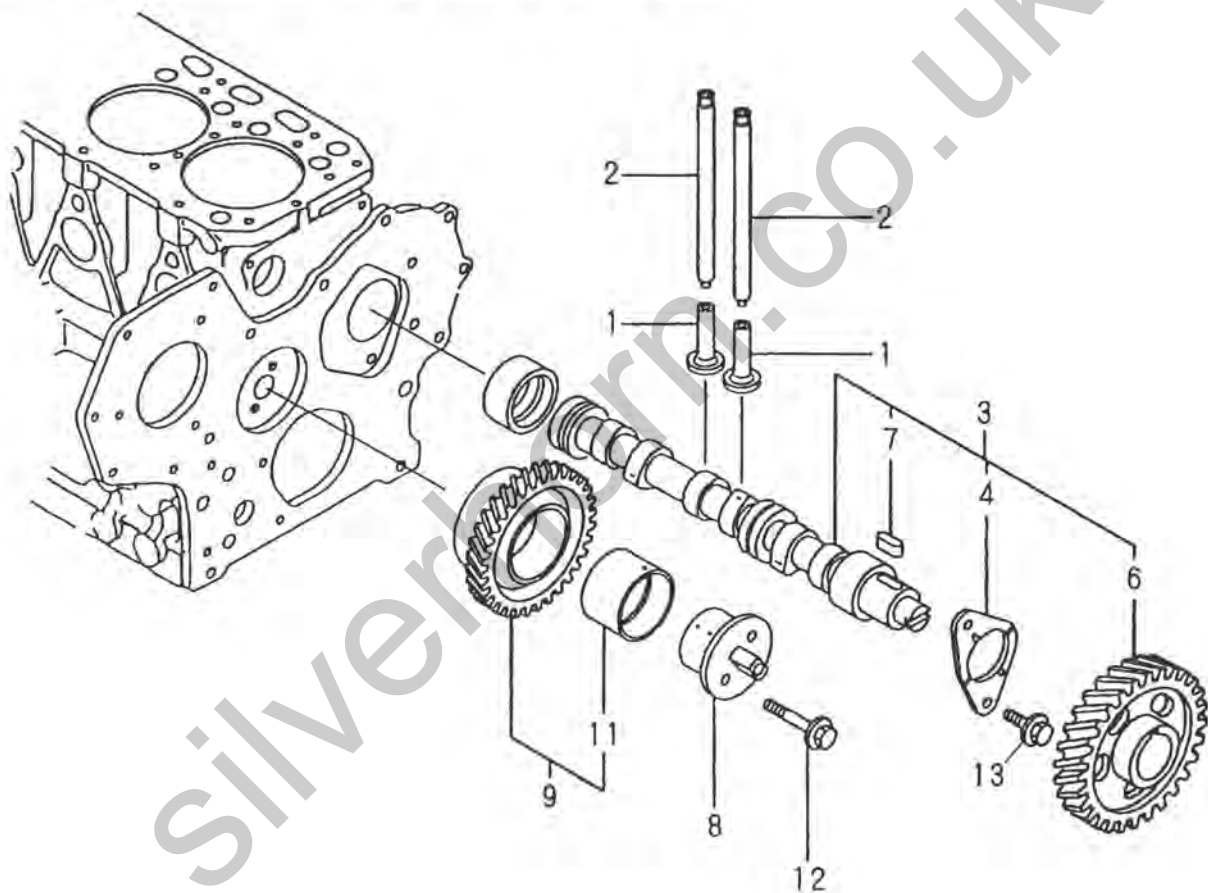


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2,1,,129150-14400,, "ROD, PUSH",6,,,,,,,,,,,,,  
3,1,,129129-14580,, "CAMSHAFT ASSY",1,,,,,,,,,,,,,  
4,2,,129150-02450,, "METAL, THRUST",1,,,,,,,,,,,,,  
6,2,,129150-14101,, "GEAR, CAMSHAFT",1,,,,,,,,,,,,,  
7,2,,22512-070140,, "KEY 7X 14",1,,,,,,,,,,,,,  
8,1,,129100-25061,, "SHAFT, IDLE GEAR",1,,,,,,,,,,,,,  
9,1,,129150-25101,, "GEAR W/BUSH",1,,,,,,,,,,,,,  
11,2,,129150-25061,, "BUSH, IDLE GEAR",1,,,,,,,,,,,,,  
12,1,,26106-080452,, "BOLT M 8X 45 PLATED",2,,,,,,,,,,,,,  
13,1,,26106-080142,, "BOLT M 8X 14 PLATED",2,,,,,,,,,,,,,



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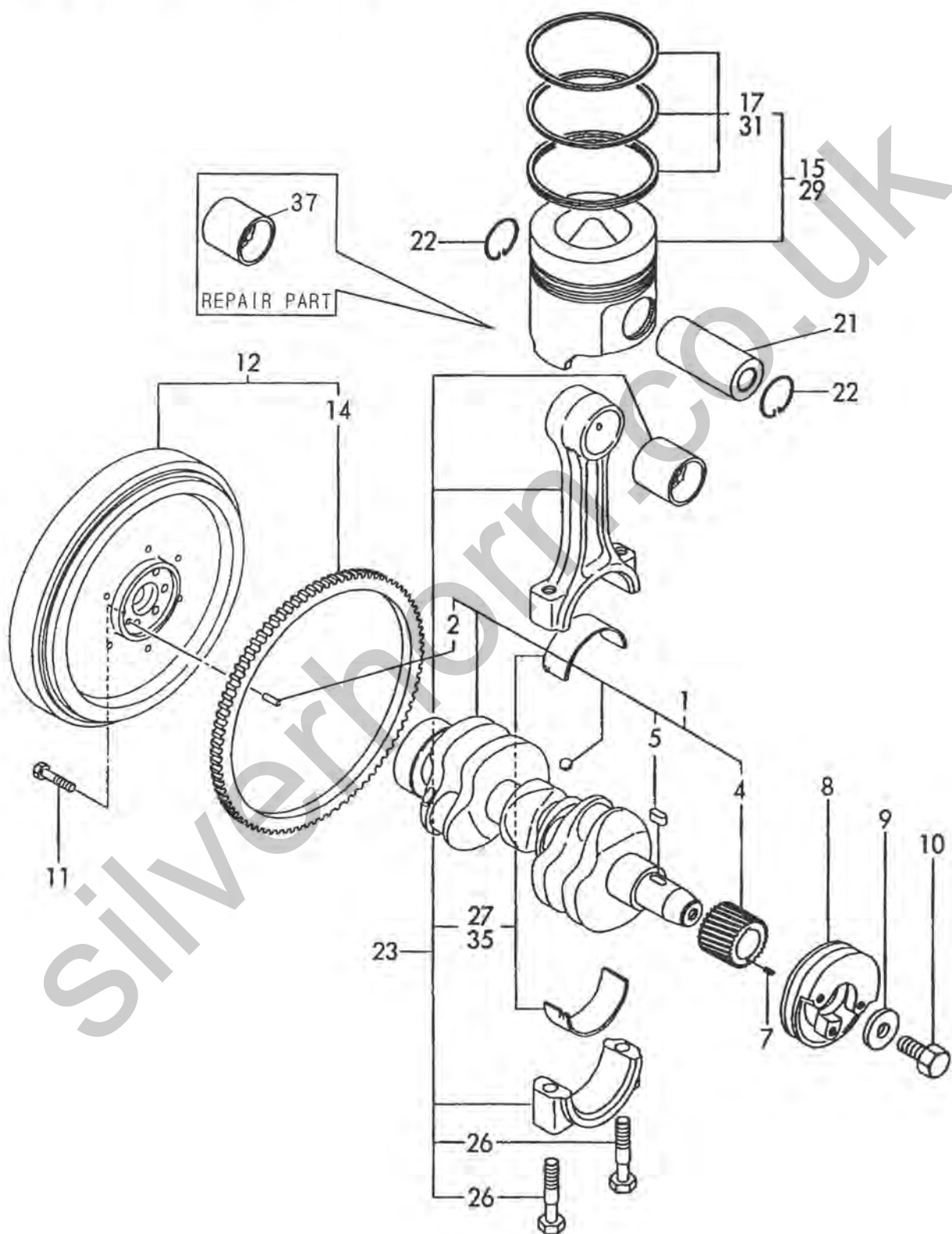
Fig. **7** CAMSHAFT & DRIVING GEAR



1,1,,129001-21100,, "CRANKSHAFT ASSY",1,,,,,,,,,,,,,  
 2,2,,129100-01580,, "PARALLEL PIN 8X16",1,,,,,,,,,,,,,  
 4,2,,129150-21200,, "GEAR, CRANKSHAFT",1,,,,,,,,,,,,,  
 5,2,,22512-070140,, "KEY 7X 14",1,,,,,,,,,,,,,  
 7,1,,22351-040010,, "SPRING PIN 4X10",1,,,,,,,,,,,,,  
 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 CRANKSHAFT & PISTON

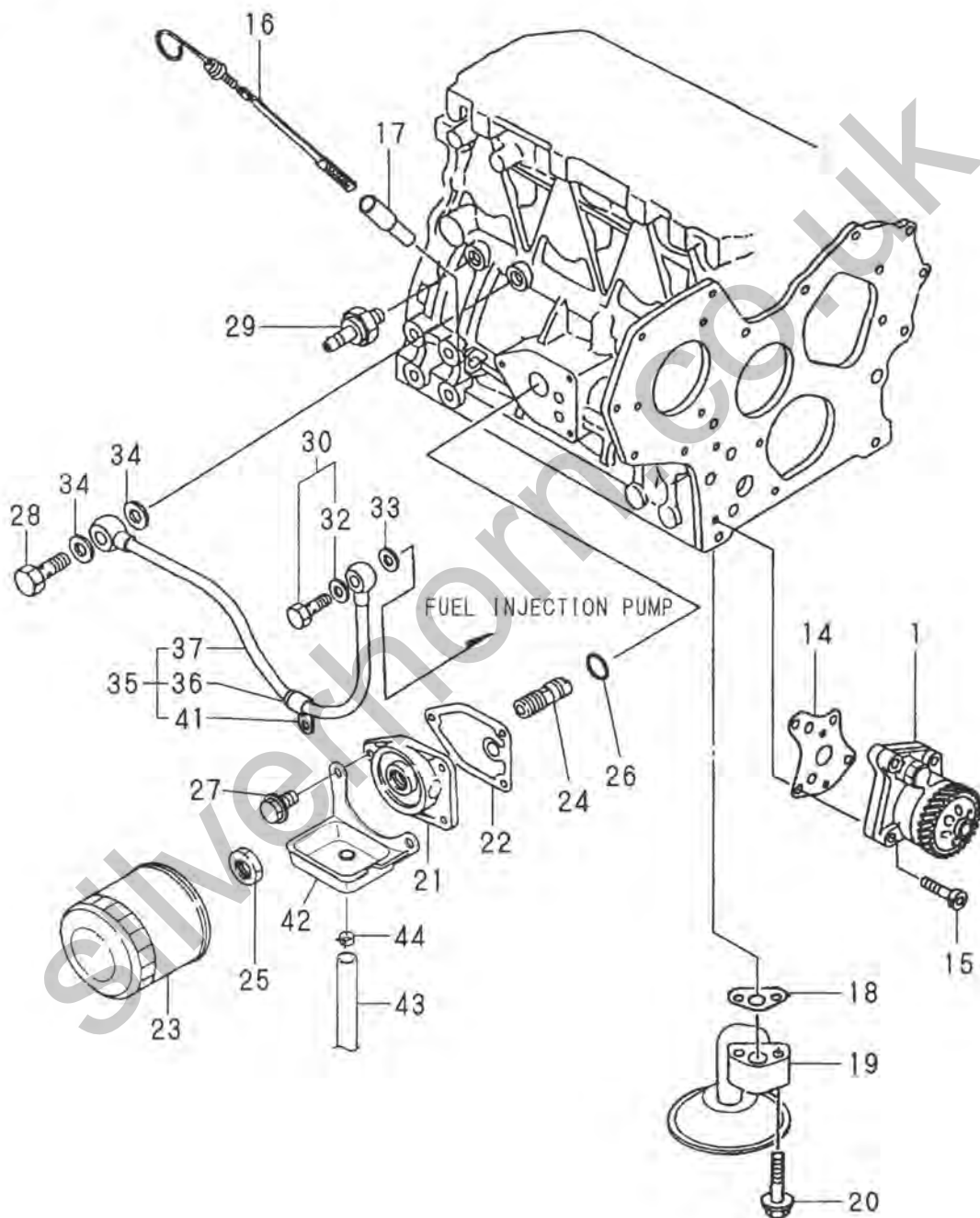


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15,1,,26450-060252,, "BOLT M 6X 25",4,,,,,,,,,,,,,  
16,1,,129136-34800,, "DIPSTICK, LUB. OIL",1,,,,,,,,,,,,,  
17,1,,121520-34810,, "GUIDE, DIPSTICK",1,,,,,,,,,,,,,  
18,1,,129150-35041,, "GASKET, (NON-ASB.)",1,,,,,,,,,A,,,,,,,,,  
19,1,,129100-35301,, "PIPE ASSY, OIL INLET",1,,,,,,,,,,,,,  
20,1,,26106-080352,, "BOLT M 8X 35 PLATED",2,,,,,,,,,,,,,  
21,1,,129150-35101,, "BRACKET, STRAINER",1,,,,,,,,,,,,,  
22,1,,129150-35111,, "GASKET, (NON-ASB.)",1,,,,,,,,,A,,,,,,,,,  
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,,,,,,,,,,,,,  
43,1,,23065-120300,, PIPE,1,,,,,,,,,,,,,  
44,1,,23080-014000,, "CLAMP 14",1,,,,,,,,,,,,,

**BIMBE**

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**Fig. 9** LUB. OIL SYSTEM

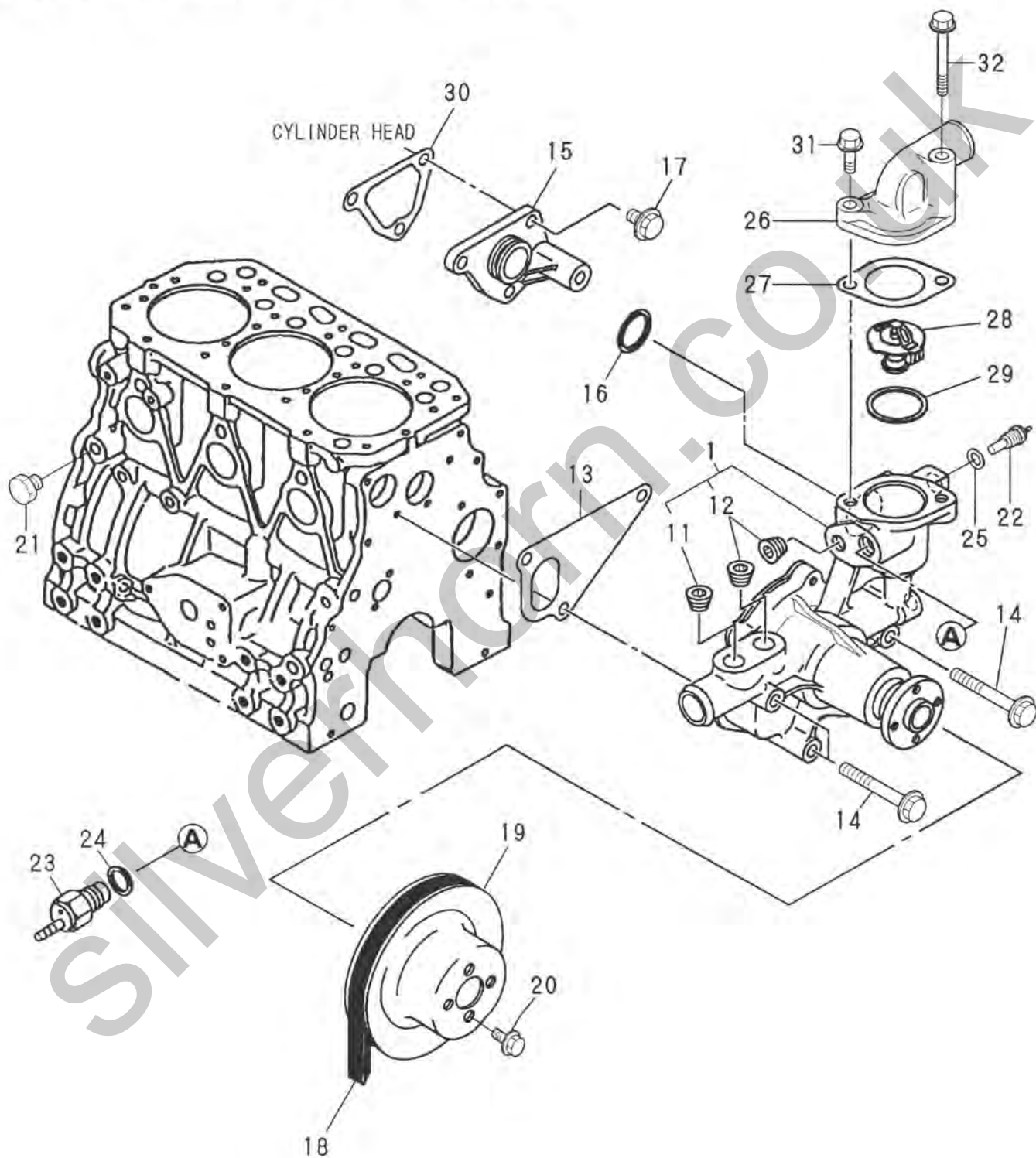


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 13,1,,129407-42020,, "PK, CW PUMP",1,,,,,,,,,A,,,,,,,,,  
 14,1,,26106-080602,, "BOLT M 8X 60 PLATED",3,,,,,,,,,,,,,  
 15,1,,129001-42040,, JOINT,1,,,,,,,,,,,,,  
 16,1,,129486-42140,, "O-RING,CW-P",1,,,,,,,,,,,,,  
 17,1,,26106-080162,, "BOLT M 8X 16 PLATED",3,,,,,,,,,,,,,  
 18,1,,129612-42300,, "V-BELT 37.5",1,,,,,,,,,,,,,  
 19,1,,129155-42350,, "V-PULLEY, C.W. PUMP",1,,,,,,,,,,,,,  
 20,1,,26014-060142,, "BOLT M 6X 14",4,,,,,,,,,,,,,  
 21,1,,171056-49120,, "PLUG, DRAIN",1,,,,,,,,,,,,,  
 22,1,,171056-49351,, SENSER,1,,,,,,,,,,,,,  
 23,1,,121250-44901,, "SWITCH, THERMO(110 $\beta$ C",1,,,,,,,,,,,,,  
 24,1,,124465-44950,, "GASKET 16",1,,,,,,,,,A,,,,,,,,,  
 25,1,,129150-49360,, "GASKET 10",1,,,,,,,,,A,,,,,,,,,  
 26,1,,124101-49530,, "COVER, THERMOSTAT",1,,,,,,,,,,,,,  
 27,1,,129795-49551,, "GASKET, (NON-ASB.)",1,,,,,,,,,A,,,,,,,,,  
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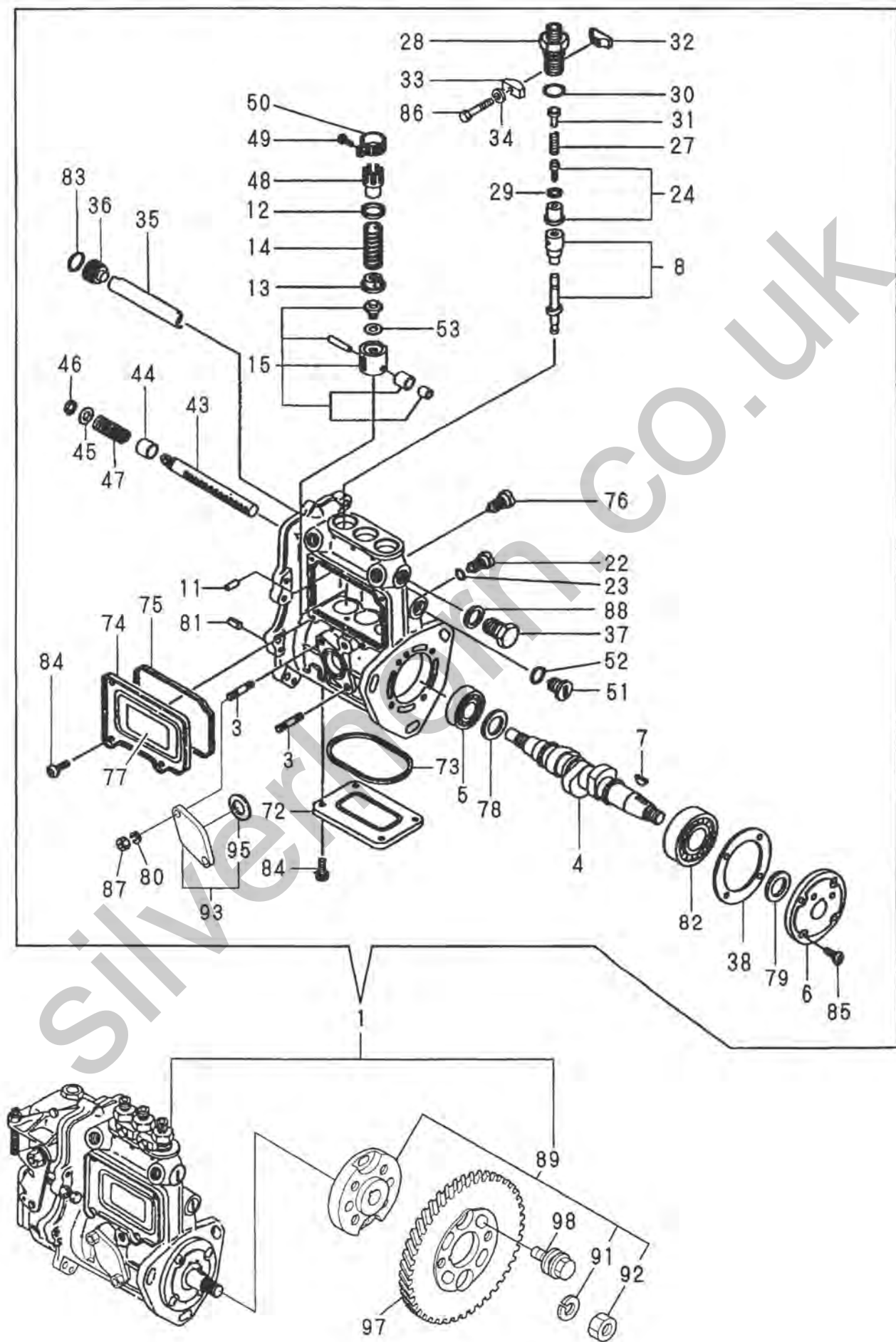
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Fig. **10** COOLING WATER SYSTEM



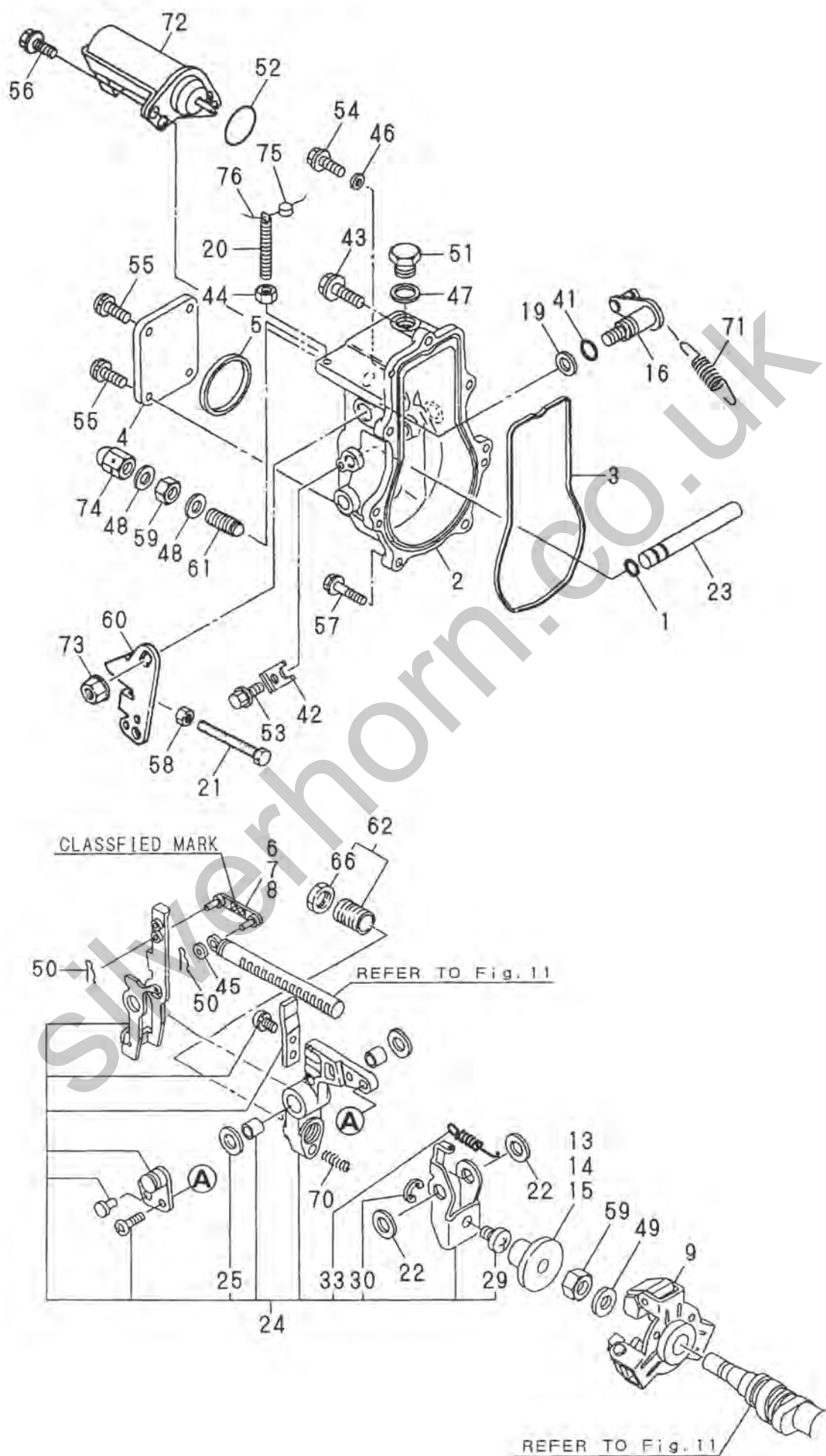
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 5,2,,129155-51050,, "BALL BEARING, THRUST",1,,,,,  
 6,2,,129208-51060,, SUPPORT,1,,,,,  
 7,2,,122710-51090,, KEY,1,,,,,  
 8,2,,129506-51100,, "PLUNGER W/BARREL",3,,,,,  
 11,2,,129155-51140,, "PIN, BARREL LOCKING",3,,,,,  
 12,2,,174307-51170,, "RETAINER A",3,,,,,  
 13,2,,129155-51180,, "SPRING SHOE, PLUNGER",3,,,,,  
 14,2,,124950-51190,, "SPRING, PLUNGER",3,,,,,  
 15,2,,129155-51200,, "TAPPET ASSY",3,,,,,  
 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,,,,,  
 30,2,,124550-51370,, "O-RING, DELIVERY",3,,,,,  
 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,,,,,  
 50,2,,174307-51560,, PINION,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,,124550-66370,, "LOCK NUT M 6",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,,26776-120002,, "LOCK NUT M12 PLATED",2,,,,,,,,,,,,,  
60,1,,129100-61440,, "LEVER, CONTROL",1,,,,,,,,,,,,,  
61,1,,120323-61470,, "BOLT, CONTROL",1,,,,,,,,,,,,,  
62,1,,119260-66720,, "ANGLEICH ASSY",1,,,,,,,,,,,,,  
66,2,,129155-61590,, NUT,1,,,,,,,,,,,,,  
70,1,,129100-61650,, "SPRING, FUEL CONTROL",1,,,,,,,,,,,,,  
71,1,,129489-61700,, "SPRING, GOVERNOR",1,,,,,,,,,,,,,  
72,1,,119233-77931,, "SOLENOID, STOP",1,,,,,,,,,,,,,  
73,1,,26366-080002,, "NUT M 8",1,,,,,,,,,,,,,  
74,1,,129100-61930,, "NUT, CAP",1,,,,,,,,,,,,,  
75,1,,135210-61090,, LEAD,1,,,,,,,,,,,,,  
76,1,,22451-060000,, "WIRE 0.6",1,,,,,,,,,,,,,

Fig. 12 GOVERNOR

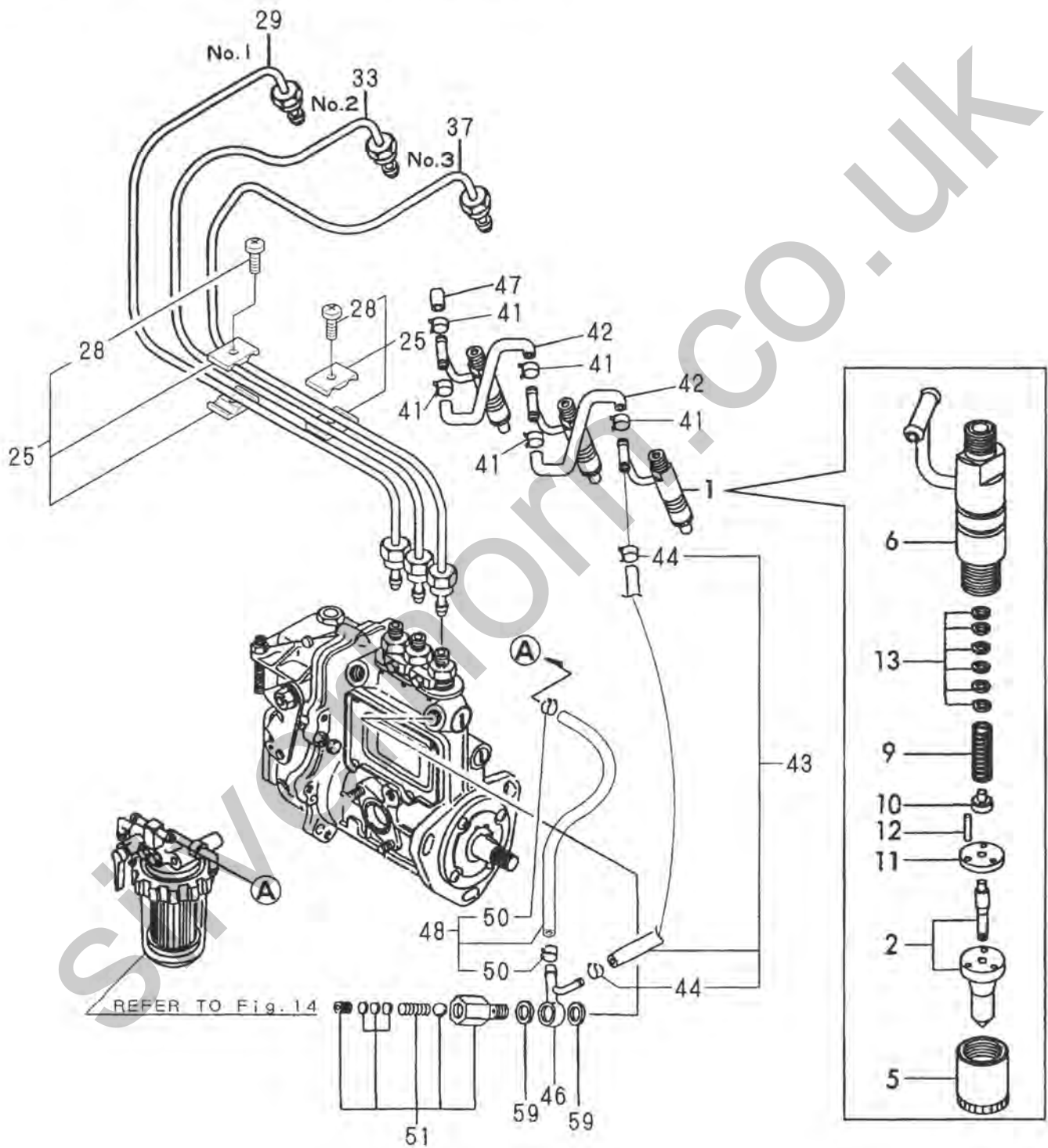


1,1,,729503-53100,, "VALVE ASSY, F.INJECT",1,,,,,,,,,,,,,  
2,2,,129503-53000,, "NOZZLE ASSY,F.INJECT",3,,,,,,,,,,,,,  
5,2,,114250-53080,, "NUT, NOZZLE CASE",3,,,,,,,,,,,,,  
6,2,,129100-53100,, "HOLDER ASSY, NOZZLE",3,,,,,,,,,,,,,  
9,2,,114250-53120,, "SPRING, NOZZLE",3,,,,,,,,,,,,,  
10,2,,114250-53130,, "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",5,,,,,,,,,,,,,  
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,,,,,,,,,,,,,  
59,1,,22190-120002,, "SEAL WASHER 12",2,,,,,,,,,,,,,

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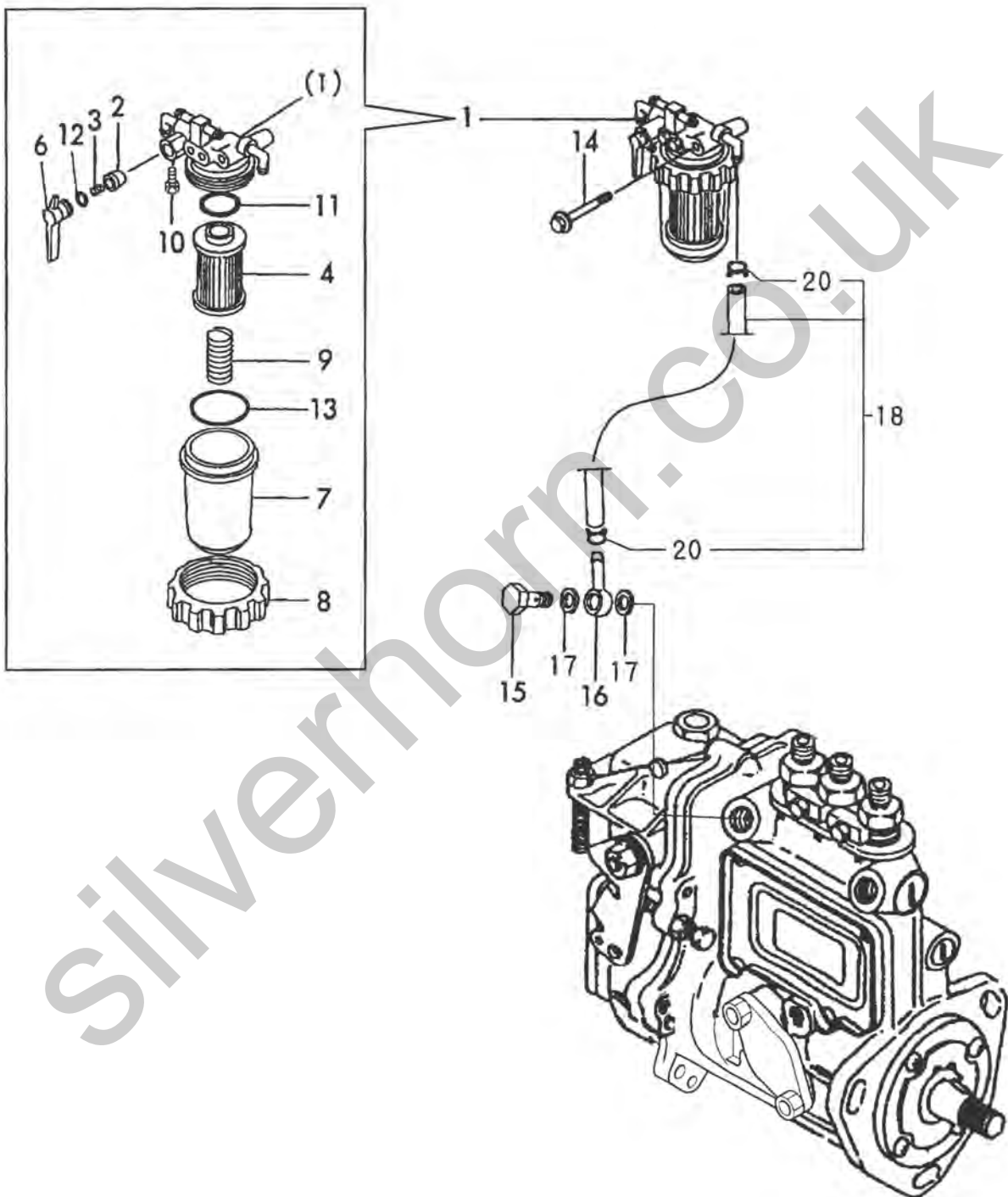
Fig. 13 FUEL INJECTION PIPE



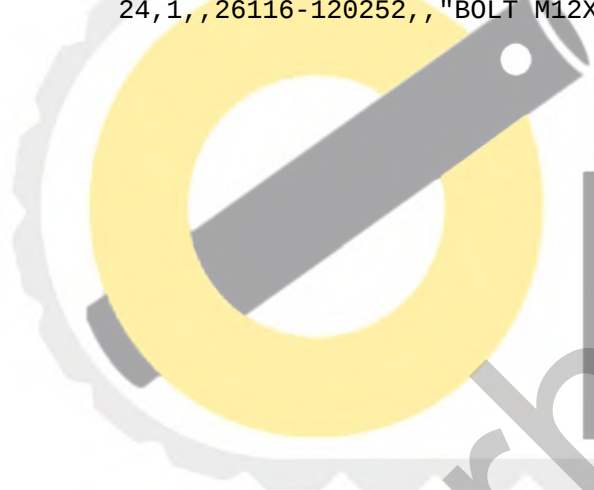
1,1,,129052-55620,, "STRAINER ASSY, FUEL",1,,,,,,,,,,,,,  
 2,2,,104200-55321,, "VALVE, TAPER",1,,,,,,,,,,,,,  
 3,2,,104200-55330,, "SPRING, TAPER VALVE",1,,,,,,,,,,,,,  
 4,2,,129100-55650,, "ELEMENT, FUEL",1,,,,,,,,,,,,,  
 6,2,,129100-55670,, LEVER,1,,,,,,,,,,,,,  
 7,2,,129100-55680,, "CUP, STRAINER",1,,,,,,,,,,,,,  
 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,,,,,,,,,A,,,,,,,,,  
 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,,129698-77010,,STARTER,1,,,,,,,,,,,,,  
2,2,,129698-77101,, "ARMATURE ASSY",1,,,,,,,,,,,,,  
3,2,,129698-77110,, "COIL ASSY, FIELD",1,,,,,,,,,,,,,  
4,2,,129698-77120,, "HOLDER ASSY, BRUSH",1,,,,,,,,,,,,,  
5,3,,129698-77130,, "BRUSH ( - )",2,,,,,,,,,,,,,  
6,3,,129698-77140,, "BRUSH(+) SET",1,,,,,,,,,,,,,  
7,3,,129698-77150,, "SPRING, BRUSH",4,,,,,,,,,,,,,  
8,2,,129698-77161,, "COVER ASSY, REAR",1,,,,,,,,,,,,,  
9,3,,129698-77170,, "REAR COVER METAL",1,,,,,,,,,,,,,  
10,2,,129698-77180,, BRACKET,1,,,,,,,,,,,,,  
11,3,,129698-77190,, BRACKET,1,,,,,,,,,,,,,  
12,2,,129698-77200,, "INTERNAL GEAR",1,,,,,,,,,,,,,  
13,2,,129698-77210,, BRACKET,1,,,,,,,,,,,,,  
14,2,,129698-77220,, "PINION ASSY",1,,,,,,,,,,,,,  
15,2,,129698-77230,, SHAFT(PINION,1,,,,,,,,,,,,,  
16,2,,129698-77240,, GEAR,3,,,,,,,,,,,,,  
17,2,,129698-77250,, "WASHER SET",1,,,,,,,,,,,,,  
18,2,,129698-77260,, "HOUSING ASSY, GEARS",1,,,,,,,,,,,,,  
19,3,,X2114535200,, "METAL, STARTER",1,,,,,,,,,,,,,  
20,2,,129698-77270,, "LEVER, SHIFT",1,,,,,,,,,,,,,  
21,2,,129698-77020,, "MAGNETIC SWITCH ASSY",1,,,,,,,,,,,,,  
22,2,,129698-77280,, "COVER ASSY, DUST",1,,,,,,,,,,,,,  
23,2,,124195-77770,, "THROUGH BOLT",2,,,,,,,,,,,,,  
24,1,,26116-120252,, "BOLT M12X 25 PLATED",2,,,,,,,,,,,,,

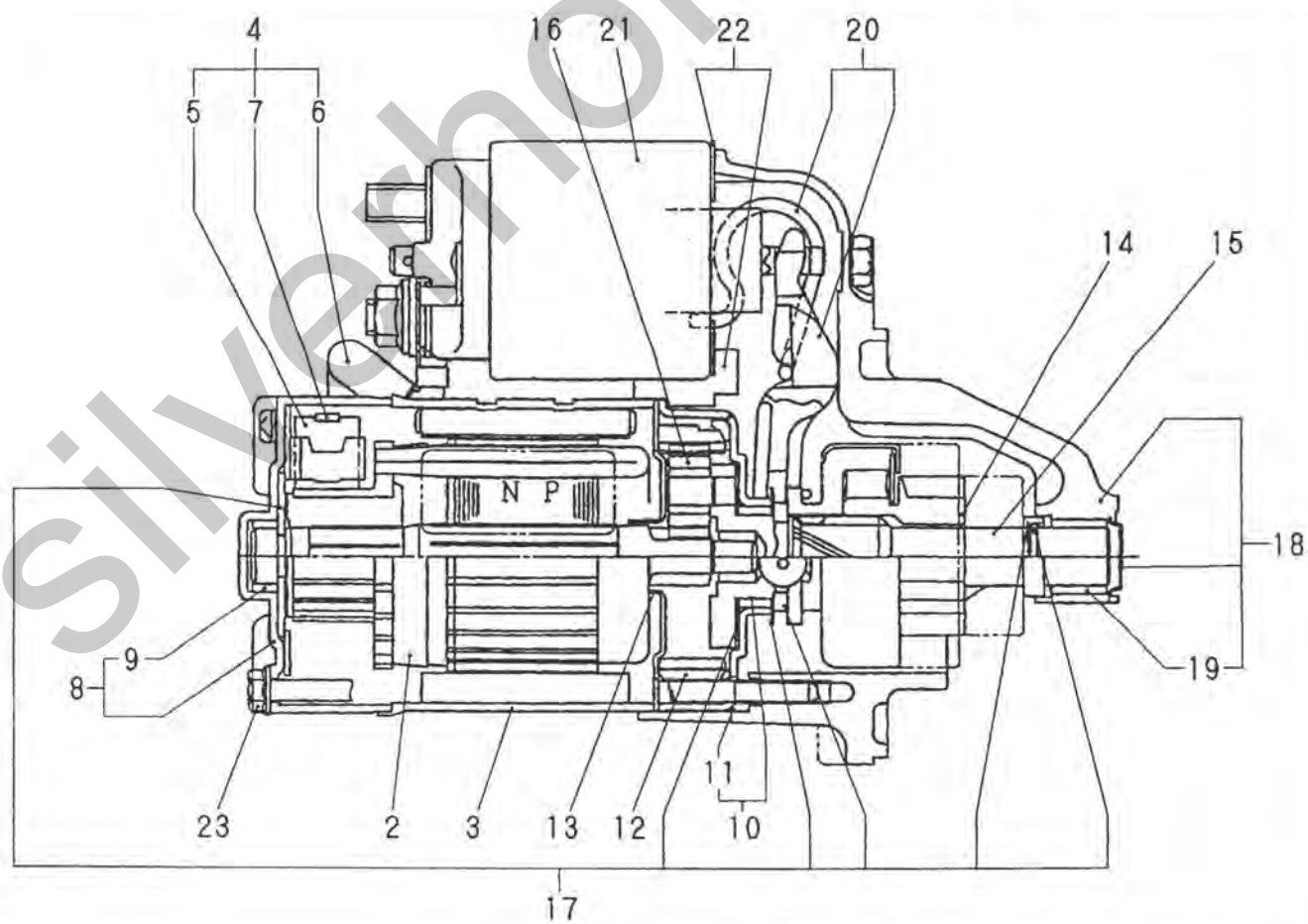
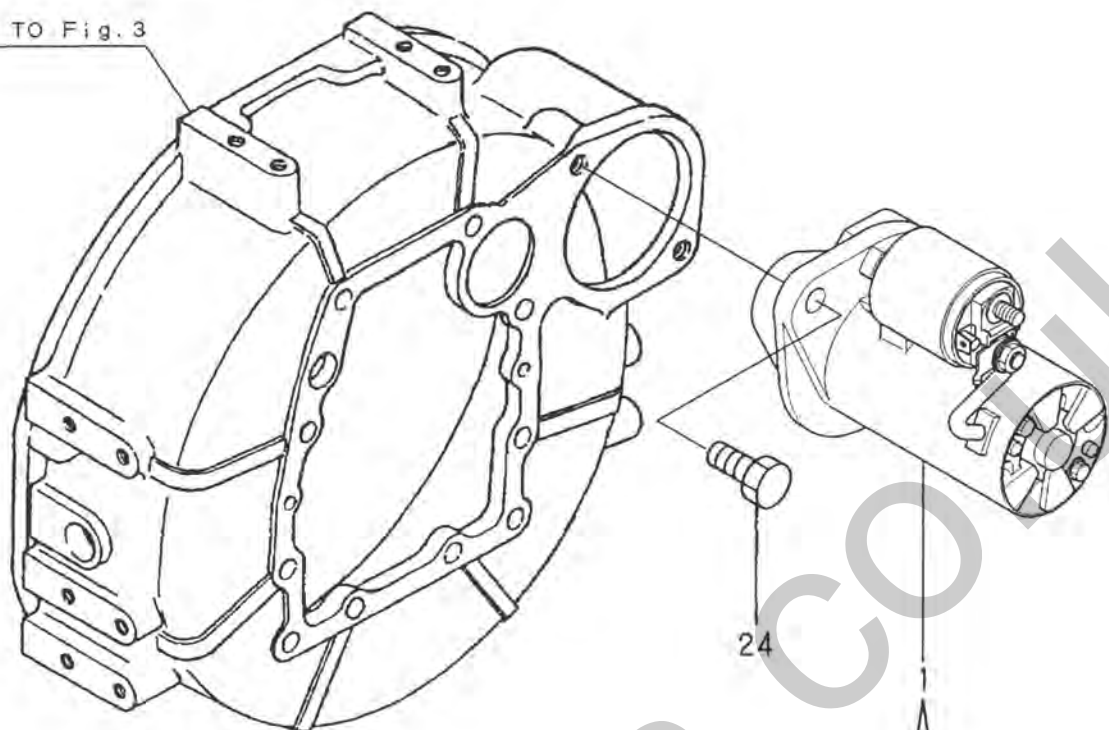


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Fig. 15 STARTING MOTOR

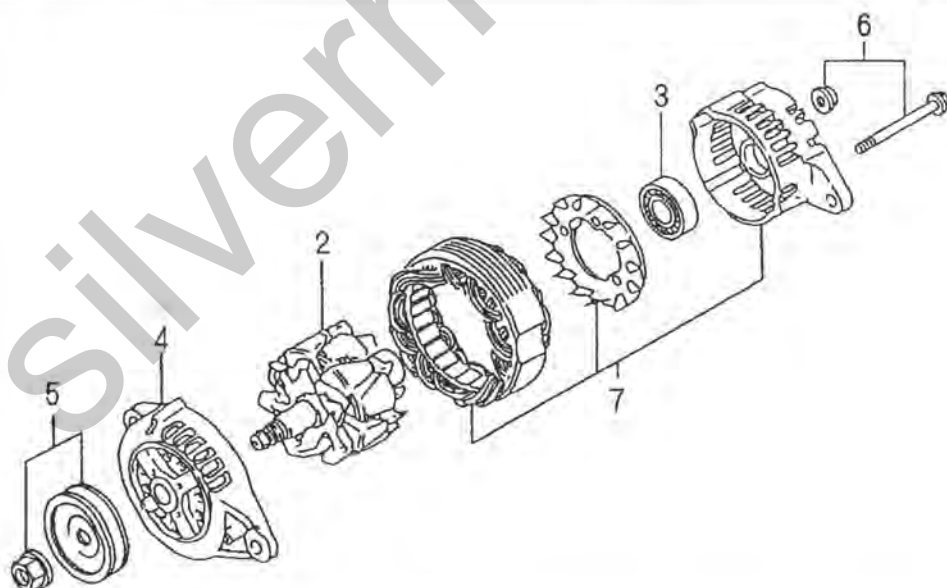
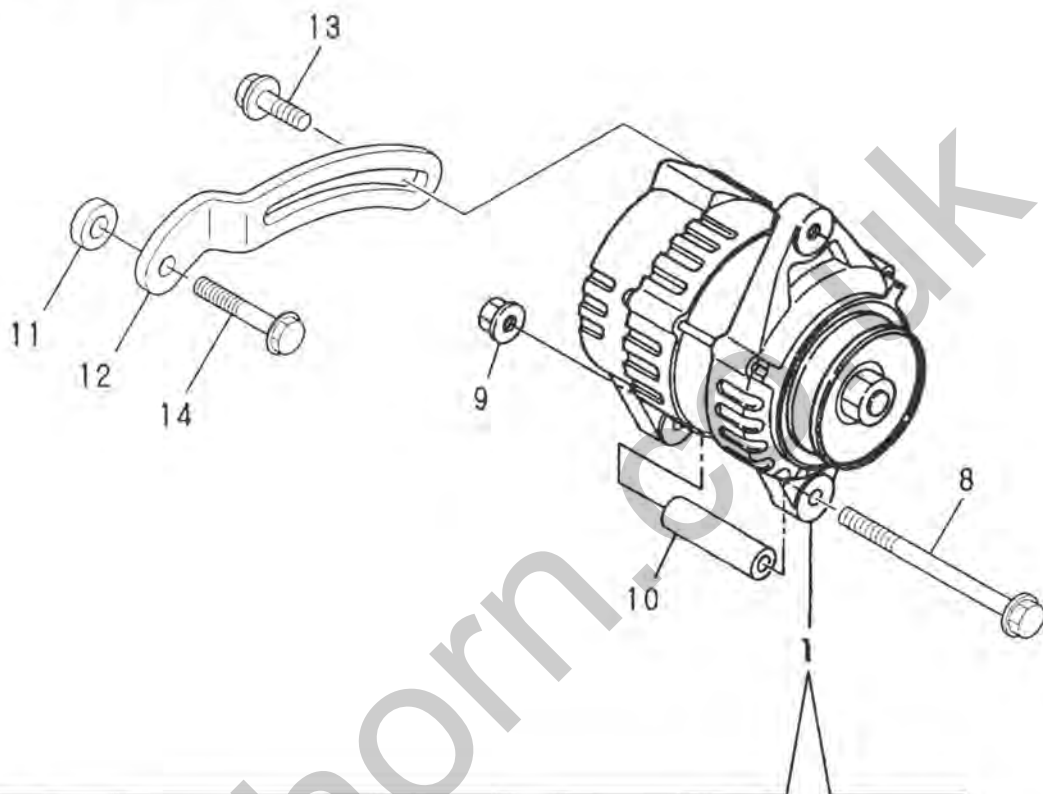
REFER TO Fig. 3



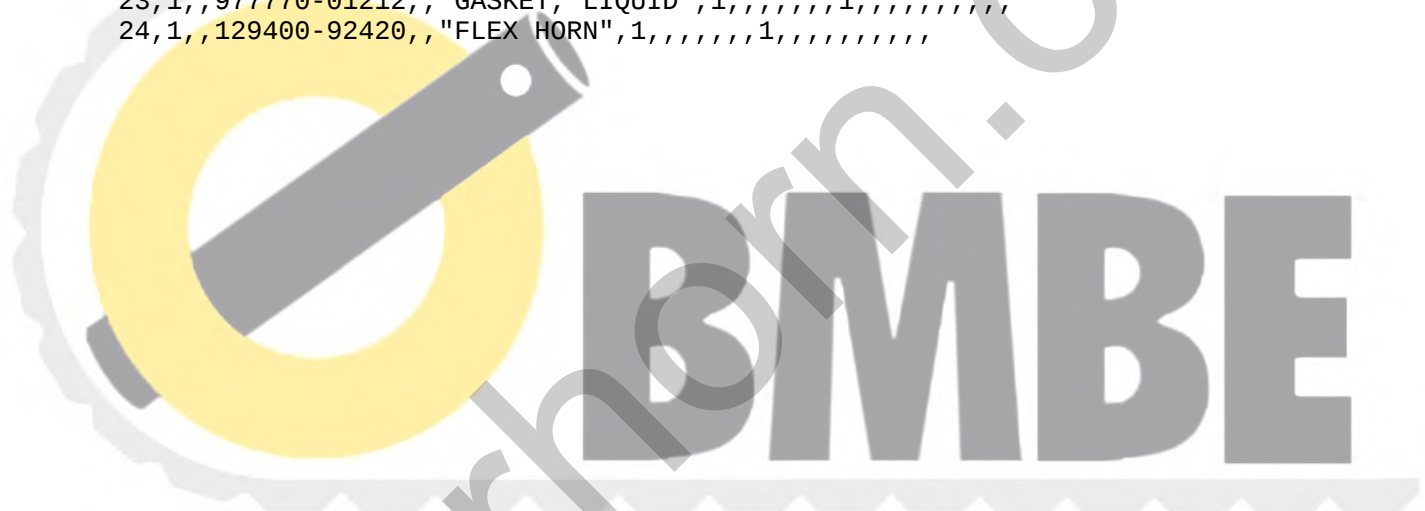
1,1,,119836-77201,, "GENERATOR (AC)",1,,,,,,,,,,,,,  
2,2,,129612-77700,, "ROTOR ASSY",1,,,,,,,,,,,,,  
3,2,,129612-77710,, "BALL BEARING",1,,,,,,,,,,,,,  
4,2,,129612-77730,, "FRONT BRACKET ASSY",1,,,,,,,,,,,,,  
5,2,,129612-77740,, PULLEY,1,,,,,,,,,,,,,  
6,2,,129612-77750,, "SCREW KIT",1,,,,,,,,,,,,,  
7,2,,129930-77920,, "BRACKET, 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

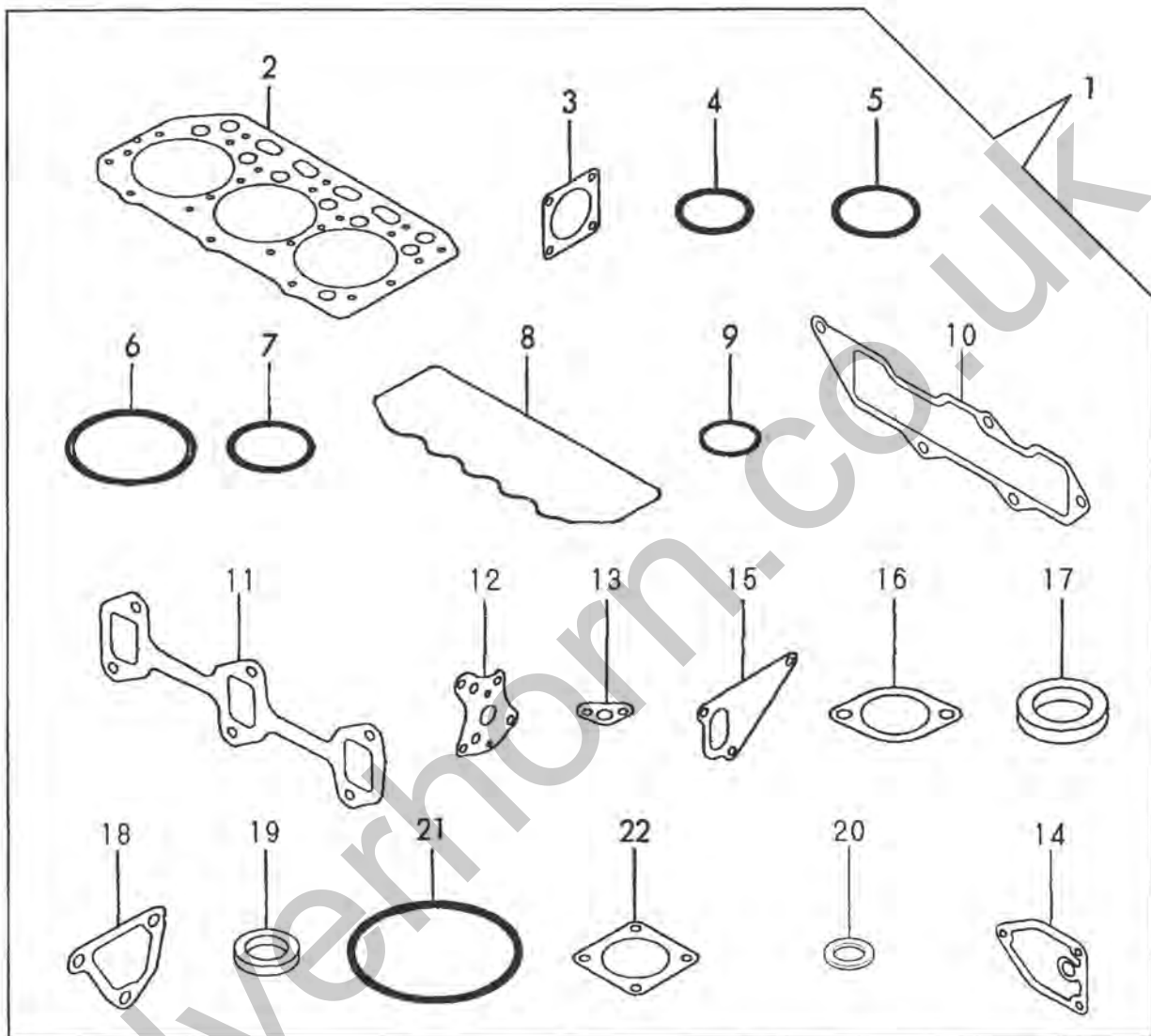


1,1,,729030-92760,, "GASKET SET (NON.ASB.)",1,,,,,1,,,,,  
 2,2,,129001-01340,, "GASKET, (NON-ASB.)",1,,,,,1,,,,,  
 3,2,,124240-01883,, "GASKET, (NON-ASB.)",1,,,,,1,,,,,  
 4,2,,121850-51960,, "O-RING, F.I.PUMP",1,,,,,1,,,,,  
 5,2,,24311-000320,, "O-RING 1A P-32.0",2,,,,,1,,,,,  
 6,2,,24341-000500,,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

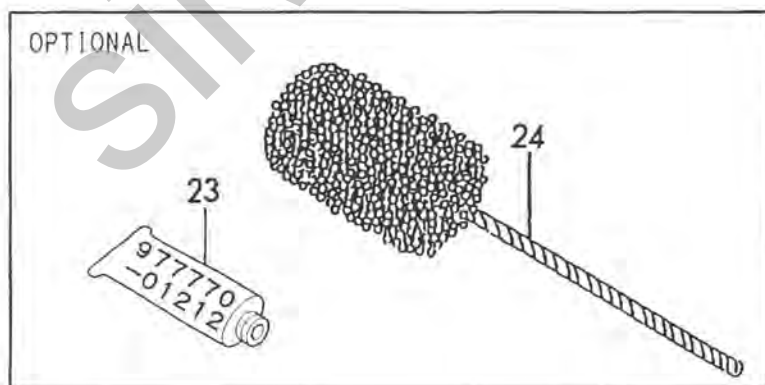


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Fig. **17** GASKET SET (OPTIONAL) & TOOLS



OPTIONAL



0,Y00B6510  
1,001,, "ENGINE 3TNE88-EBVC"  
2,1,, "CYLINDER BLOCK", 3TNE88-EBVC,,,  
2,2,, "GEAR HOUSING", 3TNE88-EBVC,,,  
2,3,, "FLYWHEEL HOUSING & LUB.OIL SUM", 3TNE88-EBVC,,,  
2,4,, "CYLINDER HEAD & BONNET", 3TNE88-EBVC,,,  
2,5,, SUC.MANIFOLD, 3TNE88-EBVC,,,  
2,6,, EXH.MANIFOLD, 3TNE88-EBVC,,,  
2,7,, "CAMSHAFT & DRIVE GEAR", 3TNE88-EBVC,,,  
2,8,, "CRANKSHAFT & PISTON", 3TNE88-EBVC,,,  
2,9,, "LUB.OIL SYSTEM", 3TNE88-EBVC,,,  
2,10,, "COOLING WATER SYSTEM", 3TNE88-EBVC,,,  
2,11,, "FUEL INJECTION PUMP", 3TNE88-EBVC,,,  
2,12,, GOVERNOR, 3TNE88-EBVC,,,  
2,13,, "FUEL INJECTION VALVE", 3TNE88-EBVC,,,  
2,14,, "FUEL PIPE", 3TNE88-EBVC,,,  
2,15,, "STARTING MOTOR", 3TNE88-EBVC,,,  
2,16,, GENERATOR, 3TNE88-EBVC,,,  
2,17,, "GASKET SET(OPTIONAL) & TOOLS", 3TNE88-EBVC,,,

