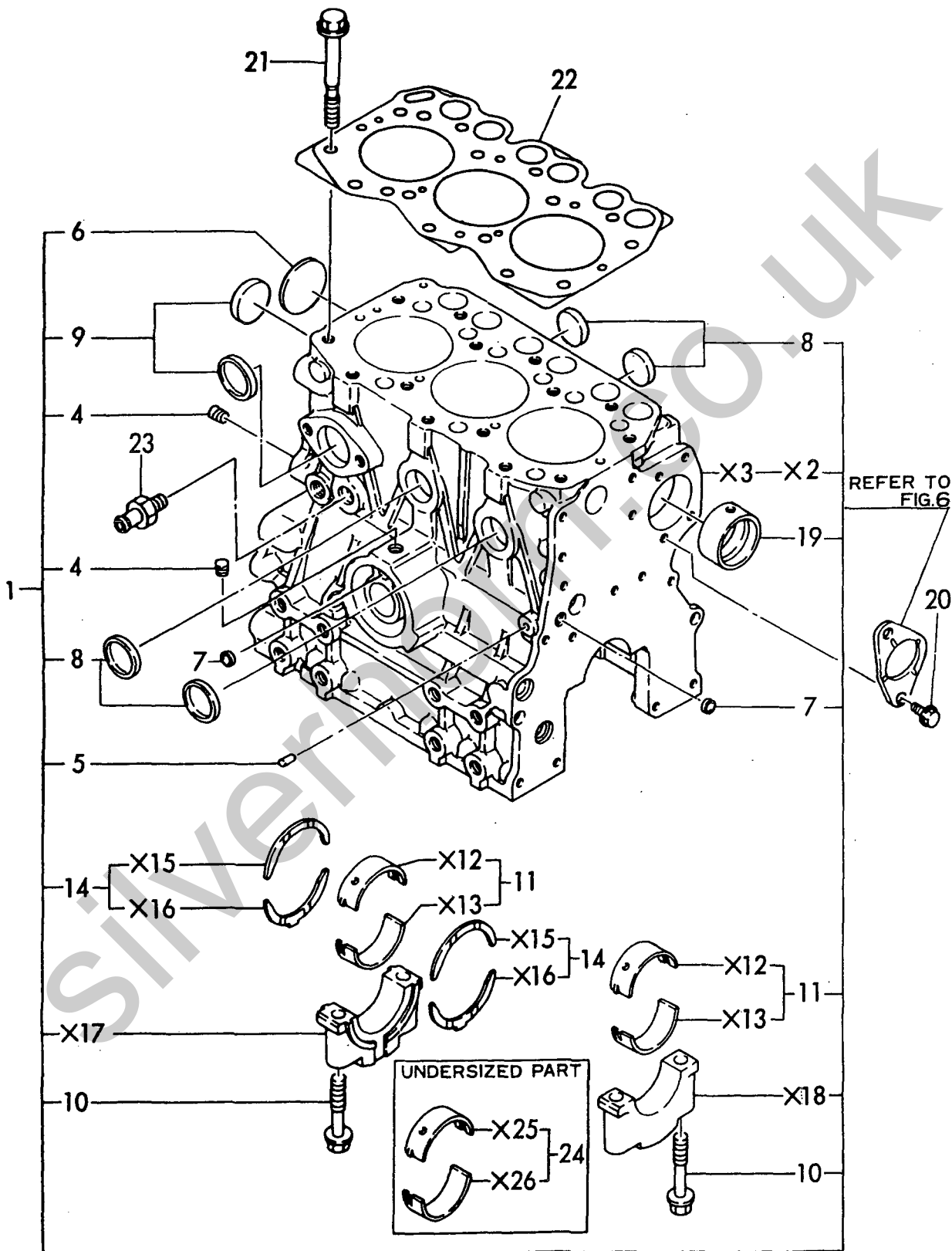


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EngSec3=TNE  
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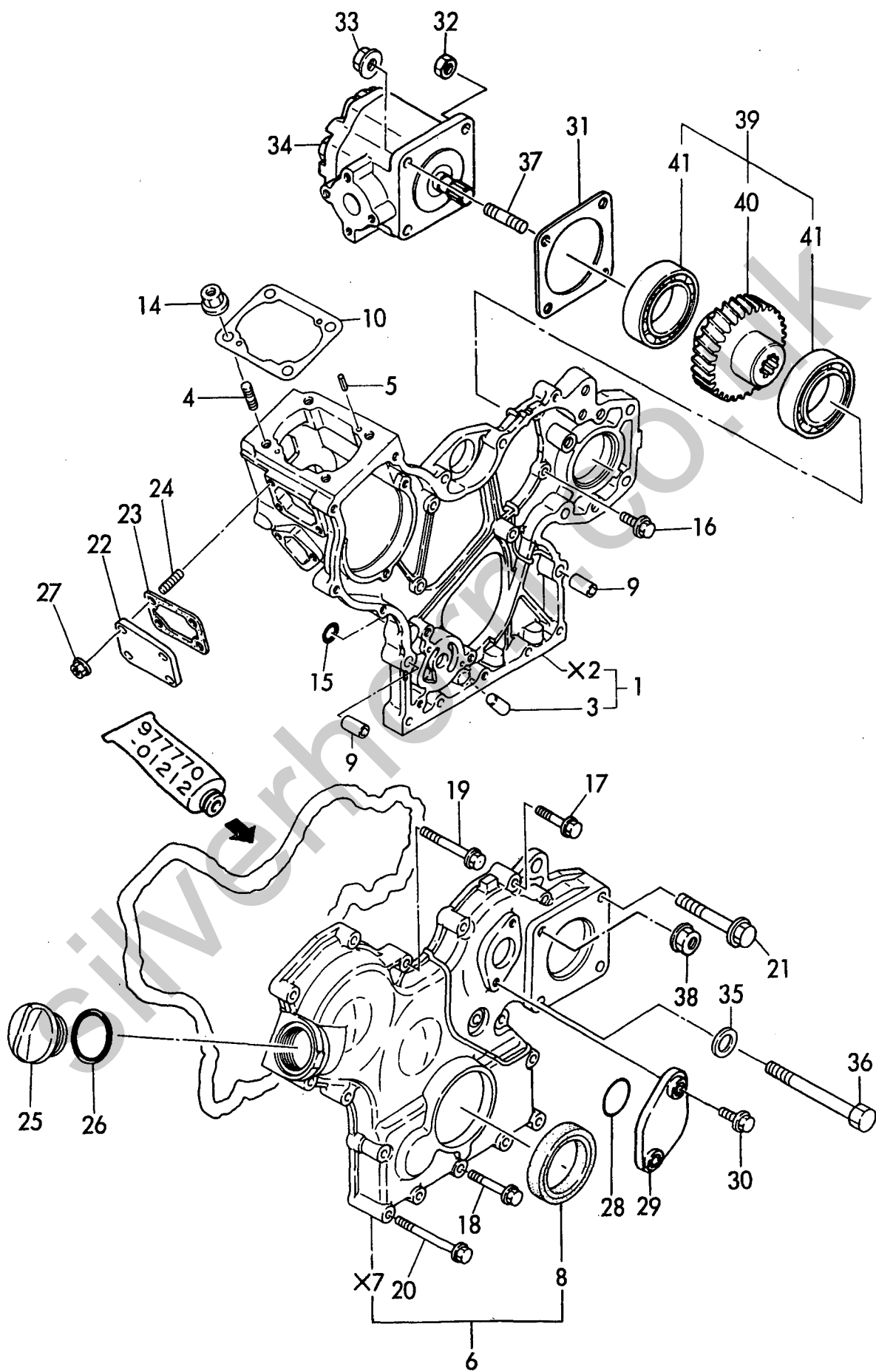
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5,2,,27221-060100,, "PLUG 6X10",1,,,,,,,,,,,,,  
6,2,,27231-400000,, "PLUG 40",1,,,,,,,,,,,,,  
7,2,,27241-100000,, "PLUG 10",2,,,,,,,,,,,,,  
8,2,,27241-250000,, "PLUG 25",4,,,,,,,,,,,,,  
9,2,,27241-300000,, "PLUG 30",2,,,,,,,,,,,,,  
10,2,,119260-02020,, BOLT,8,,,,,,,,,,,,,  
11,2,,719260-02800,, "MAIN BEARING",4,,,,,,,,,,,,,  
14,2,,719260-02930,, "BEARING, THRUST",2,,,,,,,,,,,,,  
19,2,,119260-02410,, "BUSH, CAMSHAFT",1,,,,,,,,,,,,,  
20,1,,26106-060122,, "BOLT M 6X 12 PLATED",2,,,,,,,,,,,,,  
21,1,,119260-01200,, "BOLT, CYL.HEAD",14,,,,,,,,,,,,,  
22,1,,119265-01340,, "GASKET, CYL. HEAD",1,,,,,,,,,A,,,,,,,,,  
23,1,,121550-49111,, "JOINT PT1/4",1,,,,,,,,,,,,,  
24,1,,119260-02870,, "BEARING,THRUST .25US",4,,,,,,,,,1,,,,,,,,,

Fig. 1 CYLINDER BLOCK



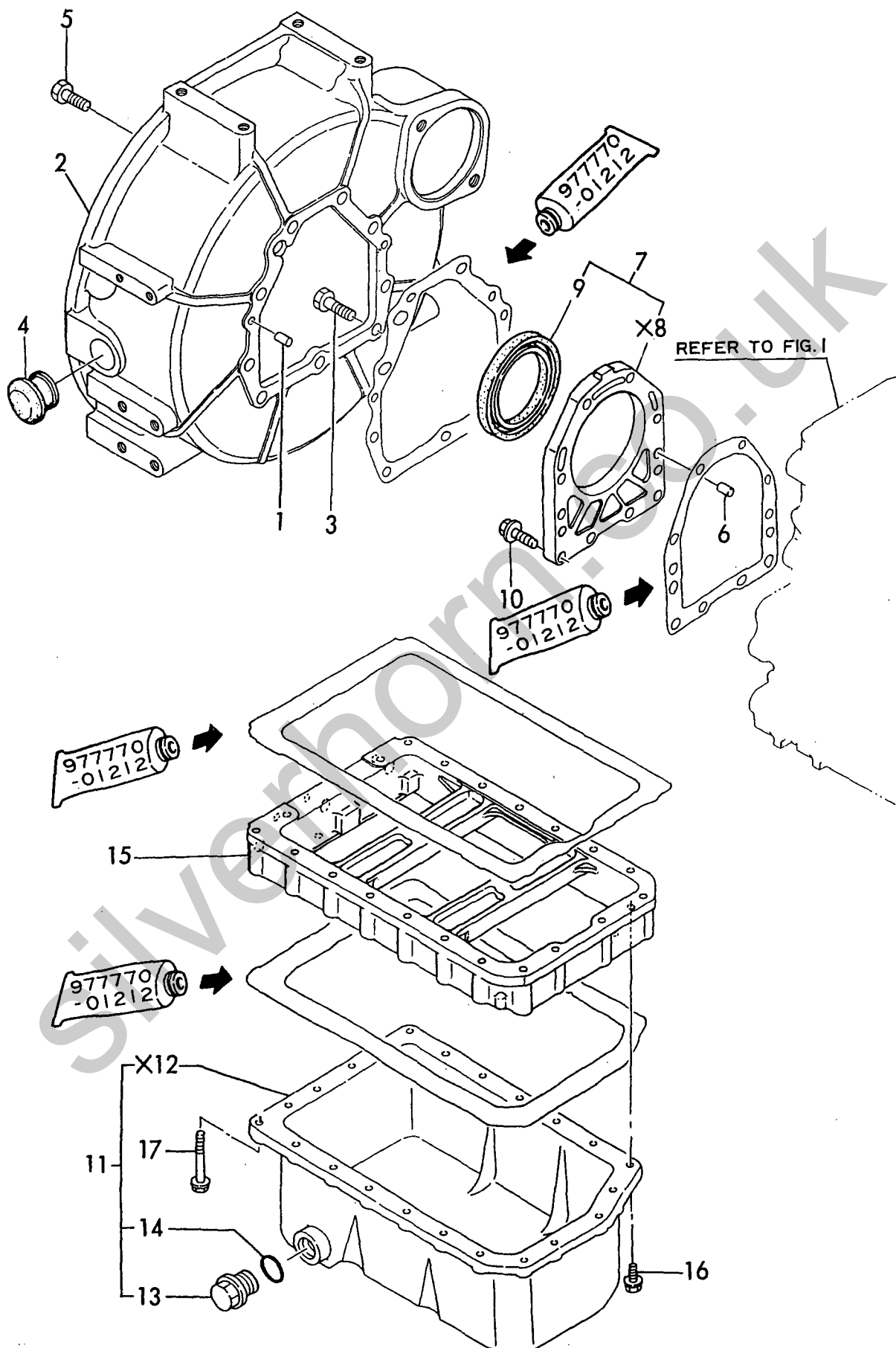
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5,2,,22351-040010,, "SPRING PIN 4X10",2,,,,,,,,,,,,,  
6,1,,119263-01590,, "COVER ASSY, GEAR CASE",1,,,,,,,,,,,,,  
8,2,,119620-01800,, "SEAL HTC456208, OIL",1,,,,,,,,,,,,,  
9,1,,119660-01911,, "PIPE, KNOCK",4,,,,,,,,,,,,,  
10,1,,119620-01950,, "SHIM SET",1,,,,,,,,,,,,,  
14,1,,194990-22050,, "NUT W/WASHER 8",4,,,,,,,,,,,,,  
15,1,,24311-000120,, "O-RING 1A P 12.0",2,,,,,A,,,,,,,,,  
16,1,,26106-060162,, "BOLT M 6X 16 PLATED",6,,,,,,,,,,,,,  
17,1,,26106-060302,, "BOLT M 6X 30 PLATED",4,,,,,,,,,,,,,  
18,1,,26106-060402,, "BOLT M 6X 40 PLATED",3,,,,,,,,,,,,,  
19,1,,26106-060502,, "BOLT M 6X 50 PLATED",3,,,,,,,,,,,,,  
20,1,,26106-060652,, "BOLT M 6X 65 PLATED",6,,,,,,,,,,,,,  
21,1,,26106-080702,, "BOLT M 8X 70 PLATED",1,,,,,,,,,,,,,  
22,1,,119660-01551,, COVER,1,,,,,,,,,,,,,  
23,1,,119660-01562,, "GASKET, (NON-ASB.)",1,,,,,A,,,,,,,,,  
24,1,,119660-01570,, "STUD M6X12",4,,,,,,,,,,,,,  
25,1,,124160-01751,, "CAP, LUB.OIL SUPPLY",1,,,,,,,,,,,,,  
26,1,,24311-000320,, "O-RING 1A P-32.0",1,,,,,A,,,,,,,,,  
27,1,,26366-060002,, "NUT M 6",4,,,,,,,,,,,,,  
28,1,,24341-000240,, "O-RING 1A S-24.0",1,,,,,,,,,,,,,  
29,1,,121023-01550,, "COVER, BLIND",1,,,,,,,,,,,,,  
30,1,,26106-060182,, "BOLT M 6X 18 PLATED",2,,,,,,,,,,,,,  
31,1,,124240-01883,, "GASKET, (NON-ASB.)",1,,,,,,,,,,,,,  
32,1,,194990-22050,, "NUT W/WASHER 8",3,,,,,,,,,,,,,  
33,1,,194990-22050,, "NUT W/WASHER 8",1,,,,,,,,,,,,,  
34,1,,119462-26020,, "PUMP, HYDRAULIC OIL",1,,,,,,,,,,,,,  
35,1,,22137-080000,, "WASHER 8, POLISHED",2,,,,,,,,,,,,,  
36,1,,26116-081302,, "BOLT M 8X130 PLATED",2,,,,,,,,,,,,,  
37,1,,26216-100352,, "STUD M10X 35 PLATED",1,,,,,,,,,,,,,  
38,1,,26366-100002,, "NUT M10",1,,,,,,,,,,,,,  
39,1,,119263-26000,, "GEAR ASSY, HO-P",1,,,,,,,,,,,,,  
40,2,,119263-26200,, "GEAR, H.O.PUMP",1,,,,,,,,,,,,,  
41,2,,129350-26490,, "BALL BEARING",2,,,,,,,,,,,,,

Fig. 2 GEAR HOUSING



1,1,,129100-01580,, "PARALLEL PIN 8X16",2,,,,,,,,,,,,,  
2,1,,119260-01600,, "HOUSING, FLYWHEEL",1,,,,,,,,,,,,,  
3,1,,121120-01620,, "BOLT M 10X 28",3,,,,,,,,,,,,,  
4,1,,119620-01750,, "CAP, FLYWHEEL COVER",1,,,,,,,,,,,,,  
5,1,,26206-100252,, "BOLT M10X25",6,,,,,,,,,,,,,  
6,1,,119620-01620,, "PARALLEL PIN 6X10",2,,,,,,,,,,,,,  
7,1,,119660-01640,, "CASE ASSY, OIL SEAL",1,,,,,,,,,,,,,  
9,2,,124085-02220,, "SEAL, OIL",1,,,,,,,,,,,,,  
10,1,,26106-060222,, "BOLT M 6X 22 PLATED",10,,,,,,,,,,,,,  
11,1,,119260-01770,, "SUMP ASSY, OIL",1,,,,,,,,,,,,,  
13,2,,121400-01640,, "PLUG M16",1,,,,,,,,,,,,,  
14,2,,24311-000180,, "O-RING 1A P-18.0",1,,,,,,,,,,,,,  
15,1,,119454-01721,, "SPACER, OIL SUMP",1,,,,,,,,,,,,,  
16,1,,26106-060102,, "BOLT M 6X 10 PLATED",3,,,,,,,,,,,,,  
17,1,,26106-060452,, "BOLT M 6X 45 PLATED",20,,,,,,,,,,,,,

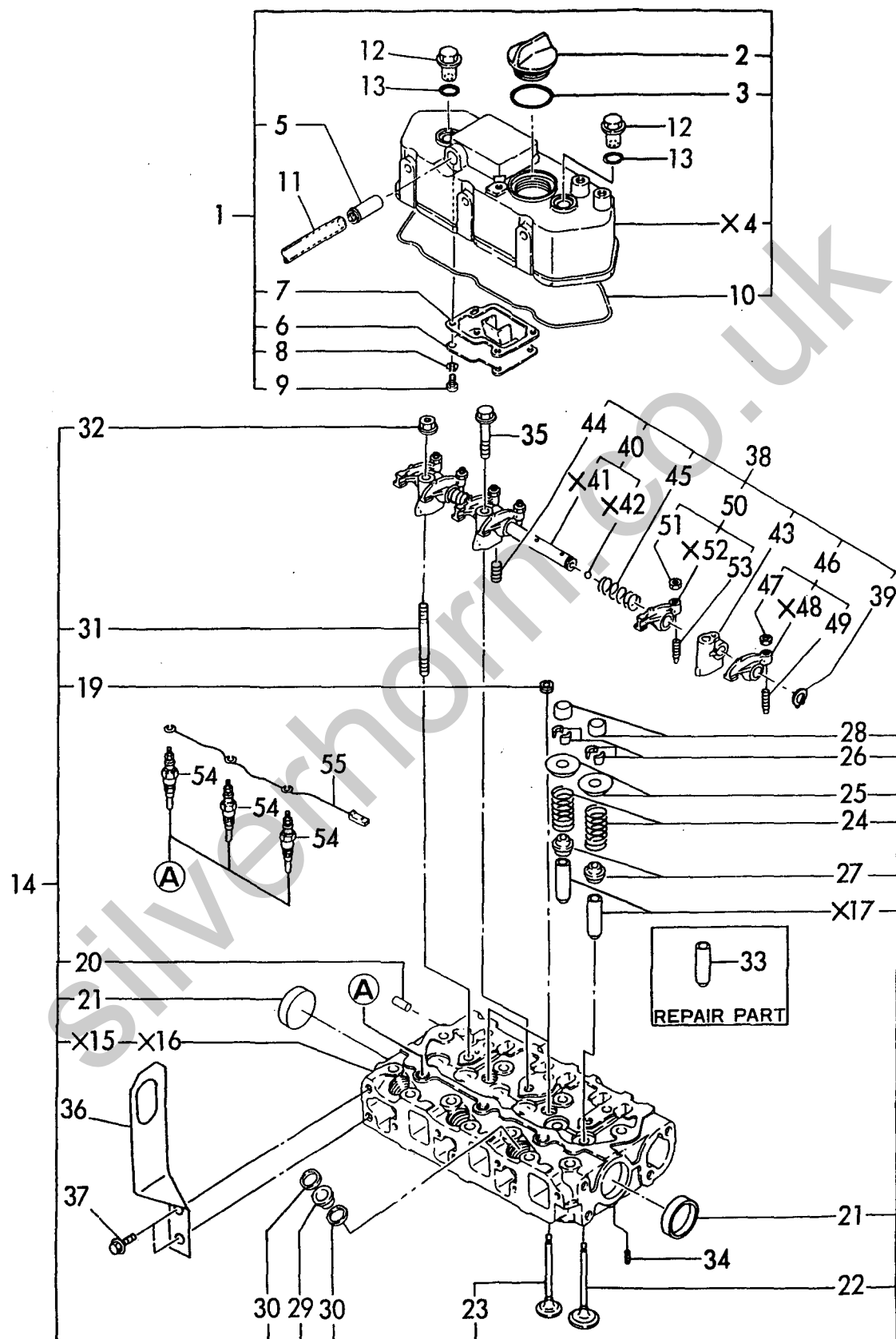
Fig. **3** FLYWHEEL HOUSING & LUB. OIL SUMP



1,1,,719260-11520,, "BONNET ASSY, HEAD",1,,,,,,,,,,,,,  
2,2,,124160-01751,, "CAP, LUB.OIL SUPPLY",1,,,,,,,,,,,,,  
3,2,,24311-000320,, "O-RING 1A P-32.0",1,,,,,,,,,A,,,,,,,,,  
5,2,,119620-11390,, JOINT,1,,,,,,,,,,,,,  
6,2,,119260-03020,, "PLATE, SHELTER",1,,,,,,,,,,,,,  
7,2,,119260-03031,, "GASKET, (NON-ASB.)",1,,,,,,,,,A,,,,,,,,,  
8,2,,22217-050000,, "SPRING WASHER 5",4,,,,,,,,,,,,,  
9,2,,26557-050102,, "SCREW M 5X 10",4,,,,,,,,,,,,,  
10,2,,119260-11310,, "GASKET, BONNET",1,,,,,,,,,A,,,,,,,,,  
11,1,,23065-120700,, "PIPE 12X 700",1,,,,,,,,,,,,,  
12,1,,124160-11360,, KNOB,2,,,,,,,,,,,,,  
13,1,,24311-000120,, "O-RING 1A P 12.0",2,,,,,,,,,,,,,  
14,1,,119265-11700,, "HEAD ASSY, CYLINDER",1,,,,,,,,,,,,,  
19,3,,23871-020000,, "PLUG PT1/4,SCREW",2,,,,,,,,,,,,,  
20,3,,27221-050080,, "PLUG 5X 8",1,,,,,,,,,,,,,  
21,3,,27241-350000,, "PLUG 35",2,,,,,,,,,,,,,  
22,2,,119260-11100,, "VALVE, SUCTION",3,,,,,,,,,,,,,  
23,2,,119260-11110,, "VALVE, EXHAUST",3,,,,,,,,,,,,,  
24,2,,114250-11120,, "SPRING, VALVE",6,,,,,,,,,,,,,  
25,2,,114250-11180,, "RETAINER, SPRING",6,,,,,,,,,,,,,  
26,2,,114250-11190,, COTTER,12,,,,,,,,,,,,,  
27,2,,119260-11340,, "SEAL, VALVE STEM",6,,,,,,,,,A,,,,,,,,,  
28,2,,119260-11370,, "CAP, VALVE",6,,,,,,,,,,,,,  
29,2,,119600-11450,, "PROTECTOR, NOZZLE",3,,,,,,,,,,,,,  
30,2,,119600-11460,, "GASKET, NOZZLE",6,,,,,,,,,A,,,,,,,,,  
31,1,,119620-11350,, STUD,2,,,,,,,,,,,,,  
32,2,,26366-080002,, "NUT M 8",2,,,,,,,,,,,,,  
33,1,,119260-11800,, "GUIDE, VALVE",6,,,,,,,,,1,,,,,,,,,  
34,1,,22351-060012,, "SPRING PIN 6X12",2,,,,,,,,,,,,,  
35,1,,26106-080452,, "BOLT M 8X 45 PLATED",1,,,,,,,,,,,,,  
36,1,,119233-07900,, "LIFTER, ENGINE",1,,,,,,,,,,,,,  
37,1,,26106-080142,, "BOLT M 8X 14 PLATED",2,,,,,,,,,,,,,  
38,1,,119260-11200,, "SUPPORT ASSY, ARM",1,,,,,,,,,,,,,  
39,2,,22242-000100,, "CIRCLIP 10",2,,,,,,,,,,,,,  
40,2,,119260-11240,, "SHAFT ASSY, ARM",1,,,,,,,,,,,,,  
43,2,,119260-11260,, "SUPPORT, ROCKER ARM",3,,,,,,,,,,,,,  
44,2,,119260-11270,, SCREW,1,,,,,,,,,,,,,  
45,2,,119260-11280,, SPRING,2,,,,,,,,,,,,,  
46,2,,719260-11650,, "ARM ASSY, ROCKER",3,,,,,,,,,,,,,  
47,3,,26756-060002,, "LOCK NUT M 6 PLATED",3,,,,,,,,,,,,,  
49,3,,105010-11230,, "SCREW, VALVE",3,,,,,,,,,,,,,  
50,2,,719260-11660,, "ARM ASSY, ROCKER",3,,,,,,,,,,,,,  
51,3,,26756-060002,, "LOCK NUT M 6 PLATED",3,,,,,,,,,,,,,  
53,3,,105010-11230,, "SCREW, VALVE",3,,,,,,,,,,,,,  
54,1,,129155-77801,, "PLUG, GLOW",3,,,,,,,,,,,,,  
55,1,,119620-77820,, "CONNECTOR, GLOW PLUG",1,,,,,,,,,,,,,



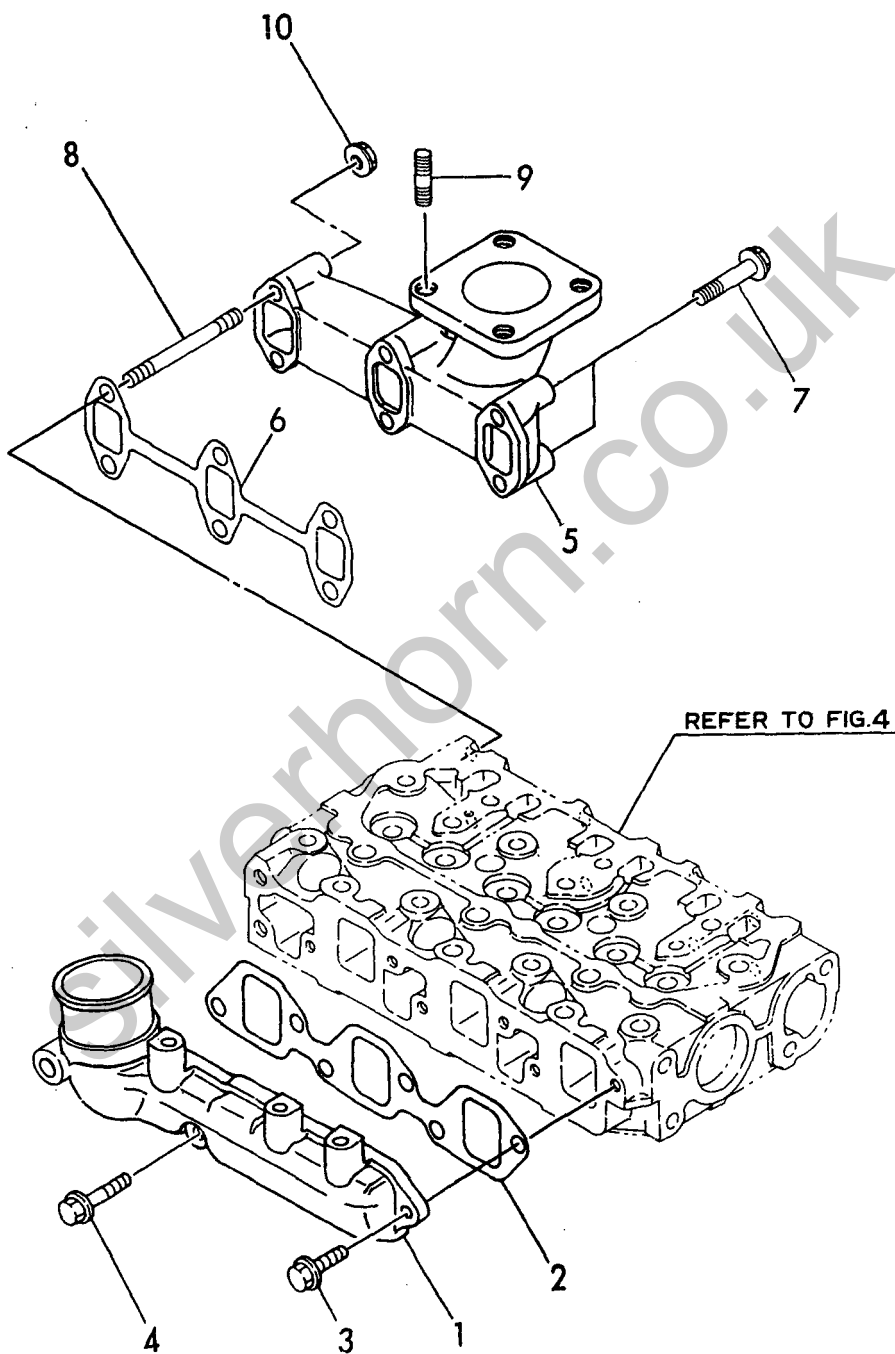
Fig. **4** CYLINDER HEAD & BONNET



1,1,,119270-12100,, "MANIFOLD, SUCTION",1,,,,,,,,,,,,,  
2,1,,119270-12110,, "GASKET, SUC.MANIFOLD",1,,,,,,A,,,,,,  
3,1,,26106-060162,, "BOLT M 6X 16 PLATED",2,,,,,,,,,,,,,  
4,1,,26106-060282,, "BOLT M 6X 28 PLATED",1,,,,,,,,,,,,,  
5,1,,119253-13100,, "MANIFOLD, EXHAUST",1,,,,,,,,,,,,,  
6,1,,119260-13110,, "GASKET, EXH.MANIFOLD",1,,,,,,A,,,,,,  
7,1,,26106-060402,, "BOLT M 6X 40 PLATED",4,,,,,,,,,,,,,  
8,1,,26216-060402,, "STUD M 6X 40 PLATED",2,,,,,,,,,,,,,  
9,1,,26216-080222,, "STUD M 8X 22 PLATED",4,,,,,,,,,,,,,  
10,1,,26366-060002,, "NUT M 6",2,,,,,,,,,,,,,

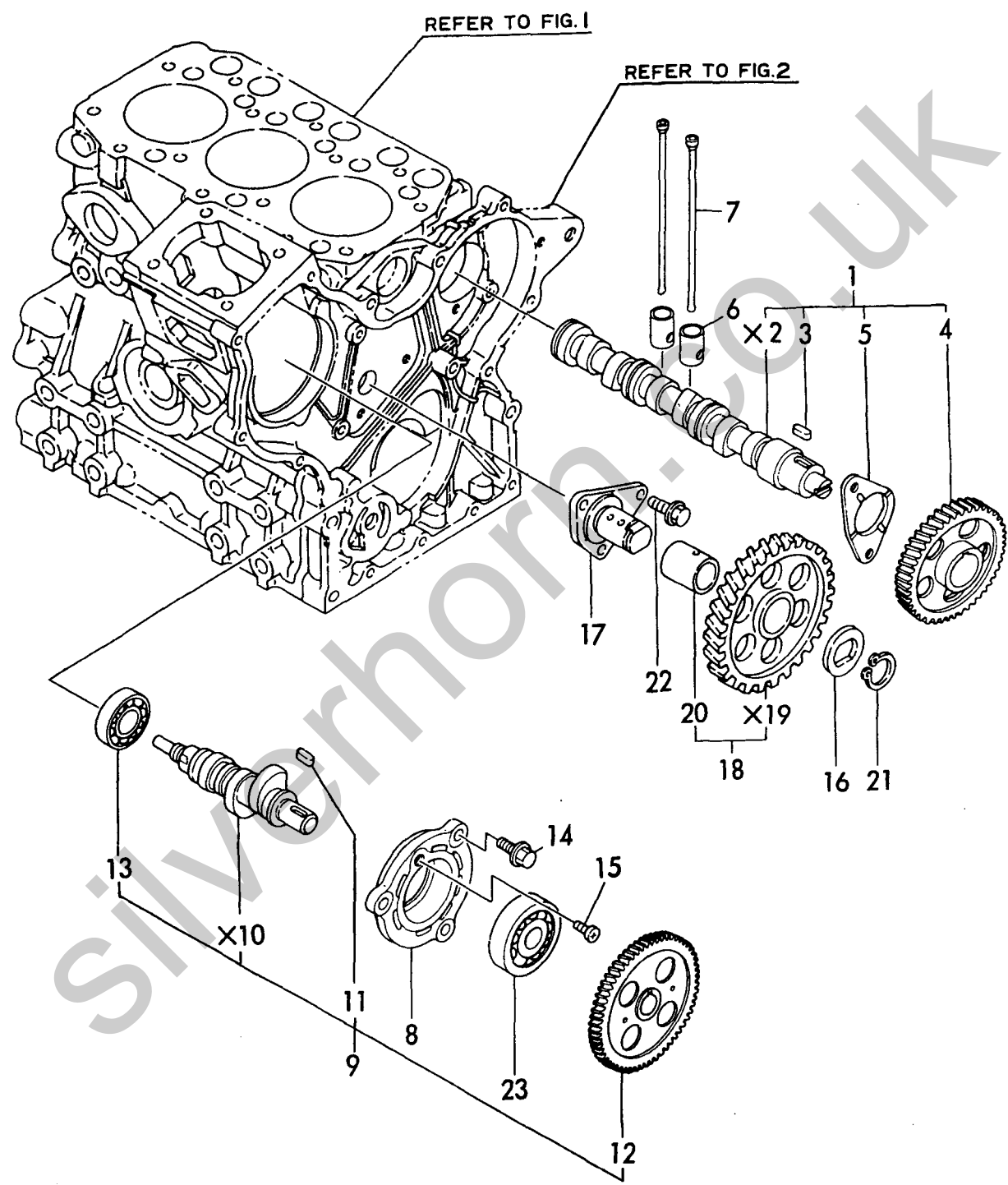
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Fig. **5** SUCTION & EXHAUST MANIFOLD



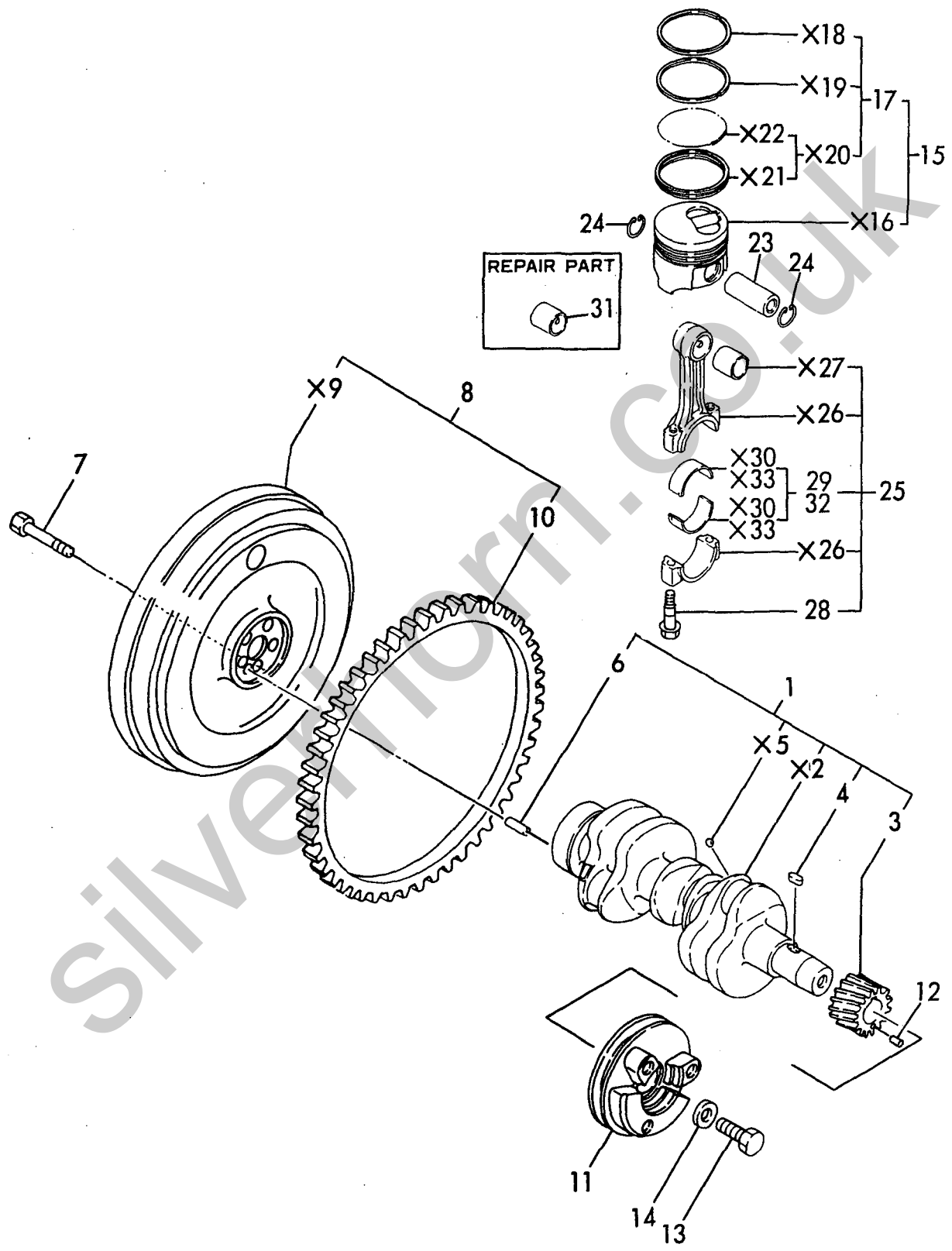
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3,2,,22512-040120,, "KEY 4X 12",1,,,,,,,,,,,,,  
4,2,,119260-14100,, "GEAR, CAMSHAFT",1,,,,,,,,,,,,,  
5,2,,119620-02450,, "BEARING, THRUST",1,,,,,,,,,,,,,  
6,1,,119260-14200,, TAPPET,6,,,,,,,,,,,,,  
7,1,,119260-14400,, "ROD, PUSH",6,,,,,,,,,,,,,  
8,1,,119660-01821,, "BEARING, FUEL CAM.",1,,,,,,,,,,,,,  
9,1,,119225-14200,, "CAM ASSY, F.I. PUMP",1,,,,,,,,,,,,,  
11,2,,22512-040120,, "KEY 4X 12",1,,,,,,,,,,,,,  
12,2,,119260-25900,, "GEAR, F.I. PUMP",1,,,,,,,,,,,,,  
13,2,,24102-063034,, "BALL BEARING 6303U",1,,,,,,,,,,,,,  
14,1,,26106-060162,, "BOLT M 6X 16 PLATED",3,,,,,,,,,,,,,  
15,1,,26587-080102,, "SCREW M 8X 10",1,,,,,,,,,,,,,  
16,1,,119660-25022,, "RETAINER, IDLE GEAR",1,,,,,,,,,,,,,  
17,1,,119660-25052,, "SHAFT, IDLE GEAR",1,,,,,,,,,,,,,  
18,1,,119260-25100,, "GEAR W/BUSH, IDLE",1,,,,,,,,,,,,,  
20,2,,119620-25062,, BUSH,1,,,,,,,,,,,,,  
21,1,,22242-000200,, "CIRCLIP 20",1,,,,,,,,,,,,,  
22,1,,26106-060122,, "BOLT M 6X 12 PLATED",3,,,,,,,,,,,,,  
23,1,,24101-062034,, "BALL BEARING",1,,,,,,,,,,,,,

Fig. **6** CAMSHAFT & DRIVING GEAR



1,1,,119265-21700,, "CRANKSHAFT ASSY",1,,,,,,,,,,,,,  
3,2,,119260-21200,, "GEAR, CRANKSHAFT",1,,,,,,,,,,,,,  
4,2,,22512-040120,, "KEY 4X 12",1,,,,,,,,,,,,,  
6,2,,129100-01580,, "PARALLEL PIN 8X16",1,,,,,,,,,,,,,  
7,1,,121111-21501,, "BOLT, FLYWHEEL",5,,,,,,,,,,,,,  
8,1,,119233-21590,, "FLYWHEEL ASSY",1,,,,,,,,,,,,,  
10,2,,124950-21600,, "GEAR, RING",1,,,,,,,,,,,,,  
11,1,,119233-21670,, V-PULLEY,1,,,,,,,,,,,,,  
12,1,,22351-030010,, "SPRING PIN 3X10",1,,,,,,,,,,,,,  
13,1,,119621-21680,, "BOLT M12X1.25, FLANGE",1,,,,,,,,,,,,,  
14,1,,119620-21941,, WASHER,1,,,,,,,,,,,,,  
15,1,,119265-22601,, "PISTON W/RINGS",3,,,,,,,,,,,,,  
17,2,,119265-22500,, "RING SET",3,,,,,,,,,,,,,  
23,1,,119265-22300,, "PIN, PISTON",3,,,,,,,,,,,,,  
24,1,,22252-000200,, "CIRCLIP 20",6,,,,,,,,,,,,,  
25,1,,119265-23100,, "ROD ASSY, CONNECTING",3,,,,,,,,,,,,,  
28,2,,119265-23200,, "BOLT, ROD",6,,,,,,,,,,,,,  
29,2,,719260-23600,, "BEARING, CRANKPIN",3,,,,,,,,,,,,,  
31,1,,119260-23910,, "BUSH, PISTON PIN",3,,,,,1,,,,,  
32,1,,719260-23610,, "BEARING, PIN U.S=0.25",3,,,,,2,,,,,

Fig. 7 CRANKSHAFT & PISTON

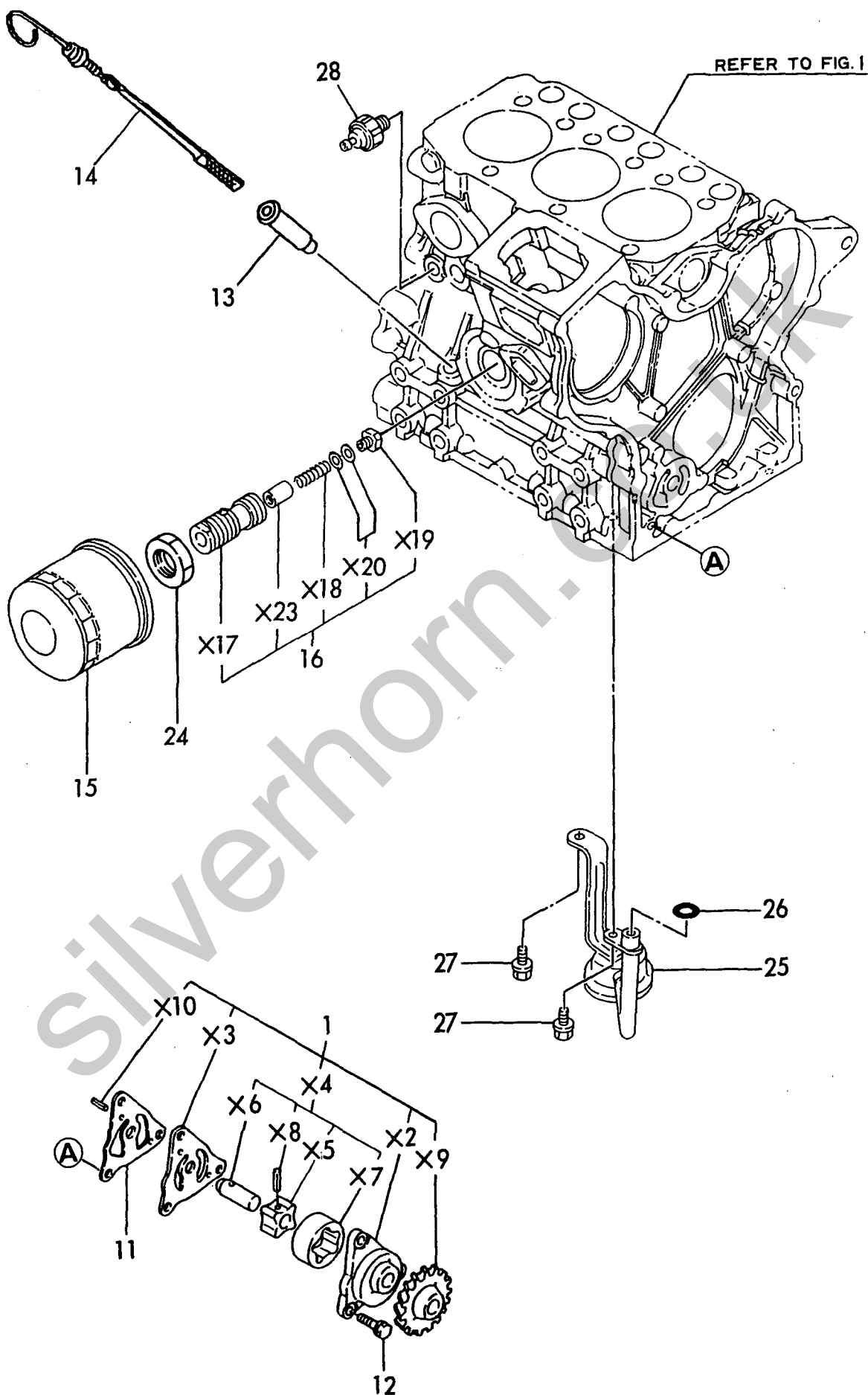


1,1,,119260-32000,, "PUMP ASSY, LUB. OIL",1,,,,,,,,,,,,,  
11,1,,119660-32020,, "GASKET, L.O.PUMP",1,,,,,,,,,A,,,,,,,,,  
12,1,,26450-060202,, "BOLT M 6X 20",3,,,,,,,,,,,,,  
13,1,,121520-34810,, "GUIDE, DIPSTICK",1,,,,,,,,,,,,,  
14,1,,129132-34800,, DIPSTICK,1,,,,,,,,,,,,,  
15,1,,119305-35150,, "FILTER, LUB. OIL",1,,,,,,,,,,,,,  
16,1,,119225-35300,, "VALVE ASSY,OIL PRESS",1,,,,,,,,,,,,,  
24,1,,129150-35350,, NUT,1,,,,,,,,,,,,,  
25,1,,119260-35081,, "PIPE ASSY,OIL INTAKE",1,,,,,,,,,,,,,  
26,1,,24311-000120,, "O-RING 1A P 12.0",1,,,,,,,,,,,,,  
27,1,,26106-060122,, "BOLT M 6X 12 PLATED",2,,,,,,,,,,,,,  
28,1,,124160-39450,, "SWITCH, OIL PRESSURE",1,,,,,,,,,,,,,

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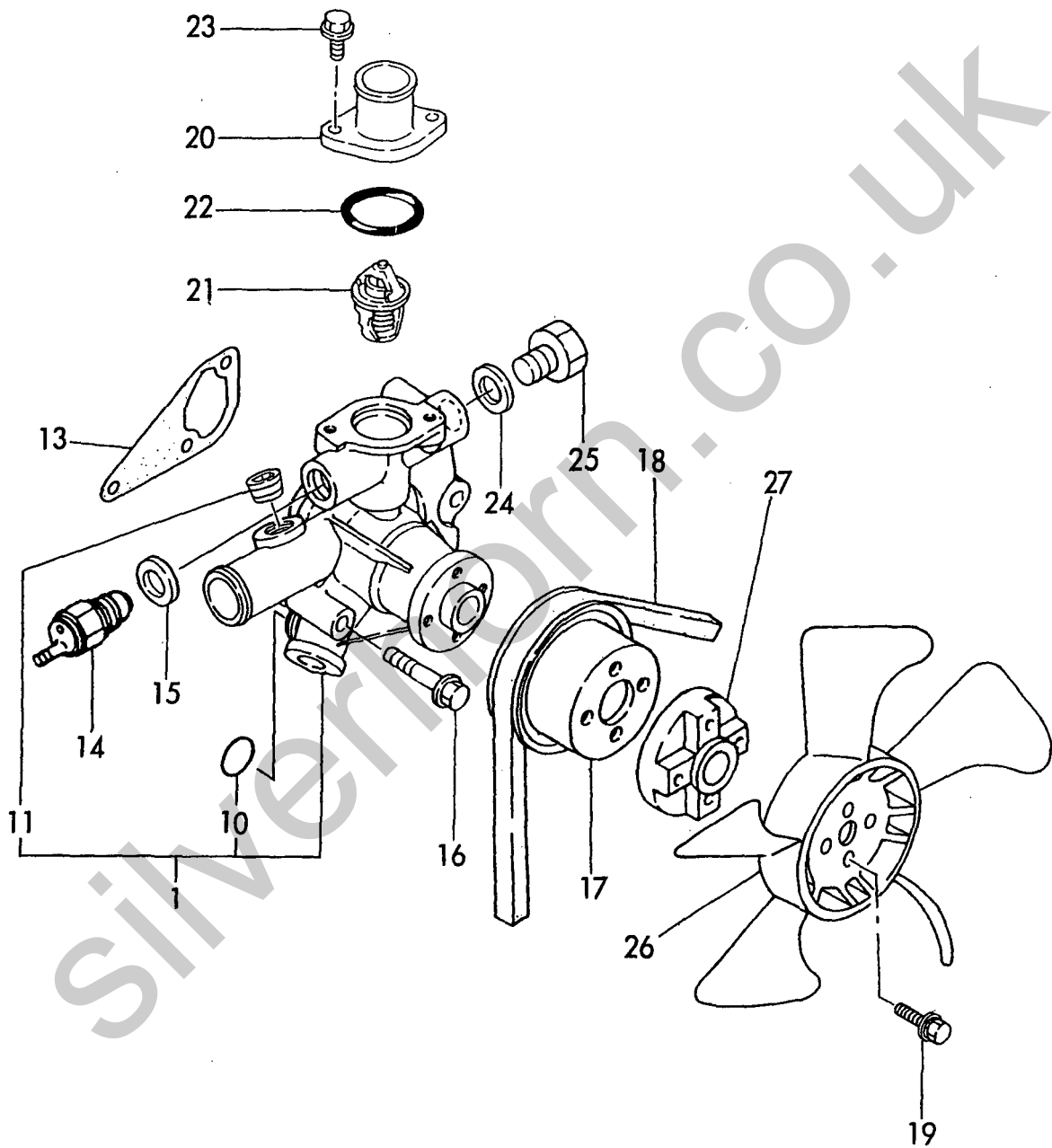


Fig. 8 LUB. OIL SYSTEM



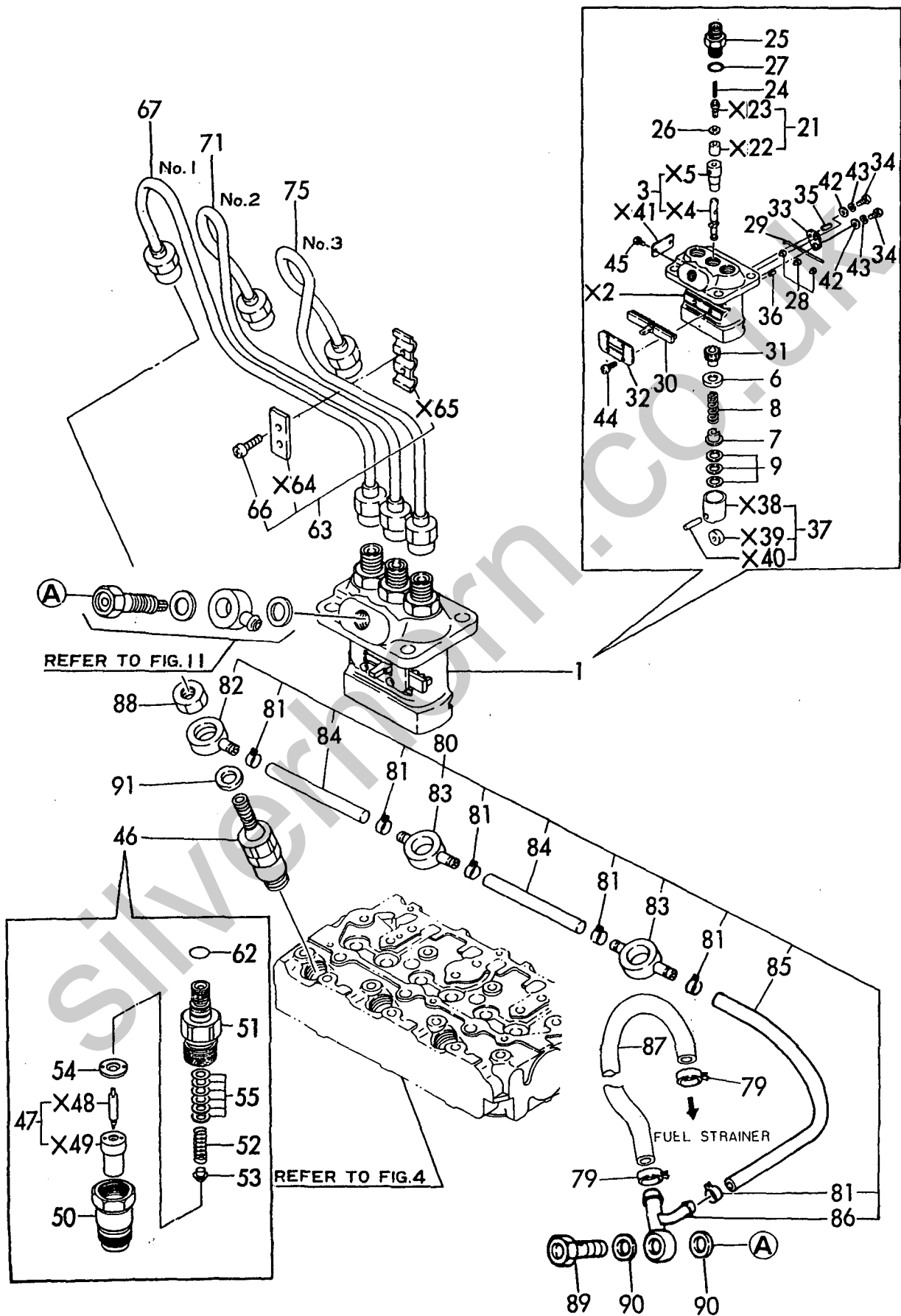
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13,1,,119260-42020,, "GASKET, C.W. PUMP",1,,,,,,,,,A,,,,,,,,,  
14,1,,121250-44901,, "SWITCH, THERMO(110 $\beta$ C",1,,,,,,,,,,,,,  
15,1,,124465-44950,, "GASKET 16",1,,,,,,,,,A,,,,,,,,,  
16,1,,26106-080452,, "BOLT M 8X 45 PLATED",3,,,,,,,,,,,,,  
17,1,,119620-42350,, "V-PULLEY, C.W. PUMP",1,,,,,,,,,,,,,  
18,1,,119620-42291,, V-BELT,1,,,,,,,,,,,,,  
19,1,,26106-060352,, "BOLT M 6X 35 PLATED",4,,,,,,,,,,,,,  
20,1,,119260-49530,, "COVER, THERMOSTAT",1,,,,,,,,,,,,,  
21,1,,119260-49800,, "THERMOSTAT (71 $\beta$ C",1,,,,,,,,,,,,,  
22,1,,24321-000350,, "O-RING 1A G-35.0",1,,,,,,,,,A,,,,,,,,,  
23,1,,26106-060182,, "BOLT M 6X 18 PLATED",2,,,,,,,,,,,,,  
24,1,,124465-44950,, "GASKET 16",1,,,,,,,,,,,,,  
25,1,,121450-42450,, "PLUG M16",1,,,,,,,,,,,,,  
26,1,,119233-44740,, "FAN (D=290)",1,,,,,,,,,,,,,  
27,1,,171353-44760,, SPACER,1,,,,,,,,,,,,,

Fig. 9 COOLING WATER SYSTEM



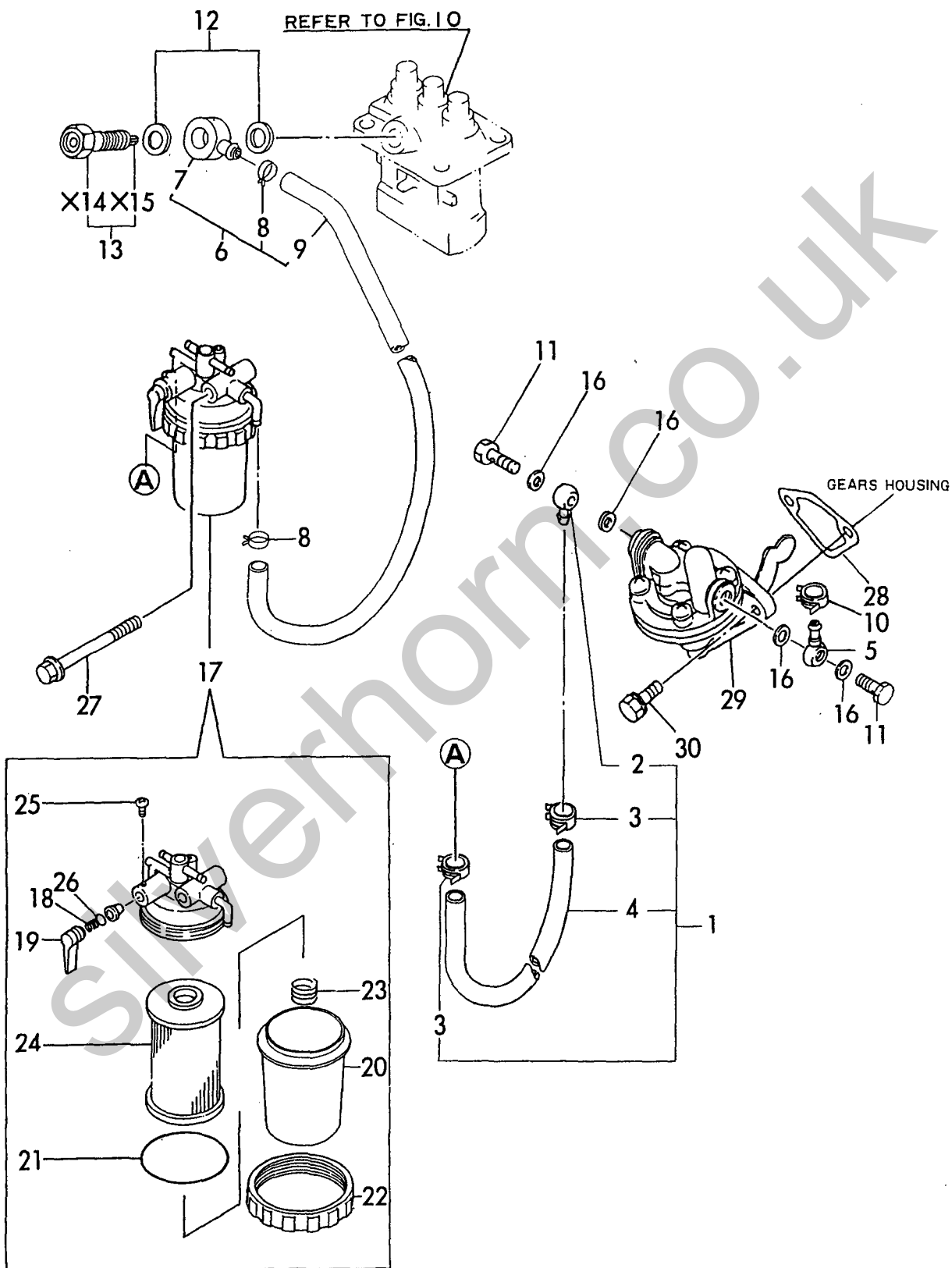
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6,2,,119620-51170,, RETAINER,3,,,,,,,,,,,,,  
7,2,,119620-51180,, RETAINER,3,,,,,,,,,,,,,  
8,2,,119620-51190,, "SPRING, PLUNGER",3,,,,,,,,,,,,,  
9,2,,119620-51250,, "SHIM PACK",3,,,,,,,,,,,,,  
21,2,,119225-51300,, "VALVE W/SEAT, DELIV.",3,,,,,,,,,,,,,  
24,2,,105546-51330,, "SPRING, DELIV. VALVE",3,,,,,,,,,,,,,  
25,2,,119620-51340,, "HOLDER, DELIV. VALVE",3,,,,,,,,,,,,,  
26,2,,119620-51350,, "GASKET, DELIVERY",3,,,,,,,,,,,,,  
27,2,,119620-51370,, O-RING,3,,,,,,,,,,,,,  
28,2,,119620-51450,, "GUIDE, PLUNGER",3,,,,,,,,,,,,,  
29,2,,119620-51461,, PIN,1,,,,,,,,,,,,,  
30,2,,119660-51500,, RACK,1,,,,,,,,,,,,,  
31,2,,119620-51510,, PINION,3,,,,,,,,,,,,,  
32,2,,119660-51530,, "RETAINER, RACK",1,,,,,,,,,,,,,  
33,2,,119620-51650,, PLATE,2,,,,,,,,,,,,,  
34,2,,119620-51660,, SCREW,2,,,,,,,,,,,,,  
35,2,,119620-51670,, PIN,2,,,,,,,,,,,,,  
36,2,,119620-51680,, PIN,1,,,,,,,,,,,,,  
37,2,,119620-51700,, "TAPPET ASSY",3,,,,,,,,,,,,,  
42,2,,22137-040000,, "WASHER 4, POLISHED",2,,,,,,,,,,,,,  
43,2,,22217-040000,, "SPRING WASHER 4",2,,,,,,,,,,,,,  
44,2,,26022-040082,, "SCREW M 4X 8",4,,,,,,,,,,,,,  
45,2,,26587-040102,, "SCREW M 4X 10",2,,,,,,,,,,,,,  
46,1,,719255-53100,, "FUEL INJECT.VALVE AS",3,,,,,,,,,,,,,  
47,2,,119620-53000,, "NOZZLE ASSY,F.INJECT",3,,,,,,,,,,,,,  
50,2,,119620-53080,, "NUT, VALVE W/CASE",3,,,,,,,,,,,,,  
51,2,,119255-53100,, "HOLDER,NOZZLE",3,,,,,,,,,,,,,  
52,2,,119620-53120,, "SPRING, VALVE",3,,,,,,,,,,,,,  
53,2,,114250-53130,, "SEAT, NOZZLE SPRING",3,,,,,,,,,,,,,  
54,2,,119620-53140,, "SPACER, VALVE STOP",3,,,,,,,,,,,,,  
55,2,,114250-53400,, "SHIM PACK",3,,,,,,,,,,,,,  
62,2,,129155-51580,, O-RING,3,,,,,,,,,,,,,  
63,1,,129150-59120,, "RETAINER, INJ. PIPE",1,,,,,,,,,,,,,  
66,2,,129150-59131,, "BOLT M4X14, HEX.SCKT.",2,,,,,,,,,,,,,  
67,1,,119225-59810,, "PIPE (1), FUEL INJECT",1,,,,,,,,,,,,,  
71,1,,119260-59820,, "PIPE (2), FUEL INJECT",1,,,,,,,,,,,,,  
75,1,,119260-59830,, "PIPE (3), FUEL INJECT",1,,,,,,,,,,,,,  
79,1,,124766-59050,, "CLAMP 12",2,,,,,,,,,,,,,  
80,1,,119642-59540,, "PIPE ASSY, FUEL OVER",1,,,,,,,,,,,,,  
81,2,,124066-59100,, "CLAMP 8",6,,,,,,,,,,,,,  
82,2,,119260-59520,, "JOINT (B)",1,,,,,,,,,,,,,  
83,2,,119260-59530,, "JOINT (A)",2,,,,,,,,,,,,,  
84,2,,105025-59550,, "PIPE, FUEL RETURN",2,,,,,,,,,,,,,  
85,2,,119642-59550,, "PIPE, FUEL RETURN",1,,,,,,,,,,,,,  
86,2,,119642-59570,, "JOINT, OVER FLOW PIPE",1,,,,,,,,,,,,,  
87,1,,119233-59560,, "PIPE, FUEL RETURN",1,,,,,,,,,,,,,  
88,1,,119620-59700,, NUT,3,,,,,,,,,,,,,  
89,1,,124550-59820,, "BOLT 8, PIPE JOINT",1,,,,,,,,,,,,,  
90,1,,23414-080012,, "GASKET 8",2,,,,,,,,,,,,,  
91,1,,23414-140000,, "GASKET 14, ROUND",3,,,,,,,,,A,,,,,,,,

Fig. 10 FUEL INJECTION DEVICE



1,1,,119244-59020,, "PIPE W/JOINT, FUEL",1,,,,,,,,,,,,,  
2,2,,104264-59030,, "JOINT 8, PIPE",1,,,,,,,,,,,,,  
3,2,,124766-59050,, "CLAMP 12",2,,,,,,,,,,,,,  
4,2,,121522-59100,, "PIPE (L=500), FUEL",1,,,,,,,,,,,,,  
5,1,,104264-59030,, "JOINT 8, PIPE",1,,,,,,,,,,,,,  
6,1,,119230-59031,, "PIPE ASSY, FUEL OIL",1,,,,,,,,,,,,,  
7,2,,101304-59020,, "JOINT 12, PIPE",1,,,,,,,,,,,,,  
8,2,,124766-59050,, "CLAMP 12",2,,,,,,,,,,,,,  
9,2,,119230-59080,, FO-T,1,,,,,,,,,,,,,  
10,1,,124766-59050,, "CLAMP 12",1,,,,,,,,,,,,,  
11,1,,105582-59150,, "BOLT, PIPE JOINT",2,,,,,,,,,,,,,  
12,1,,104200-59170,, "GASKET 12",2,,,,,,,,,A,,,,,,,,,  
13,1,,119462-59190,, "BOLT ASSY,PIPE JOINT",1,,,,,,,,,,,,,  
16,1,,22190-080002,, "SEAL WASHER 8S",4,,,,,,,,,A,,,,,,,,,  
17,1,,119255-55620,, "STRAINER, FUEL",1,,,,,,,,,,,,,  
18,2,,104200-55330,, "SPRING, TAPER VALVE",1,,,,,,,,,,,,,  
19,2,,119810-55340,, LEVER,1,,,,,,,,,,,,,  
20,2,,121254-55510,, "CUP, STRAINER",1,,,,,,,,,,,,,  
21,2,,102103-55520,, O-RING,1,,,,,,,,,,,,,  
22,2,,110250-55610,, "RING, RETAINING",1,,,,,,,,,,,,,  
23,2,,121250-55620,, SPRING,1,,,,,,,,,,,,,  
24,2,,124550-55700,, "ELEMENT, FUEL",1,,,,,,,,,,,,,  
25,2,,104200-55750,, "SCREW M 4",1,,,,,,,,,,,,,  
26,2,,24311-240100,, "O-RING 1A P-10A",1,,,,,,,,,A,,,,,,,,,  
27,1,,26013-080652,, "BOLT M 8X 65",1,,,,,,,,,,,,,  
28,1,,121520-01851,, "GASKET, (NON-ASB.)",1,,,,,,,,,A,,,,,,,,,  
29,1,,119600-52021,, "PUMP ASSY, FUEL FEED",1,,,,,,,,,,,,,  
30,1,,26106-060162,, "BOLT M 6X 16 PLATED",2,,,,,,,,,,,,,

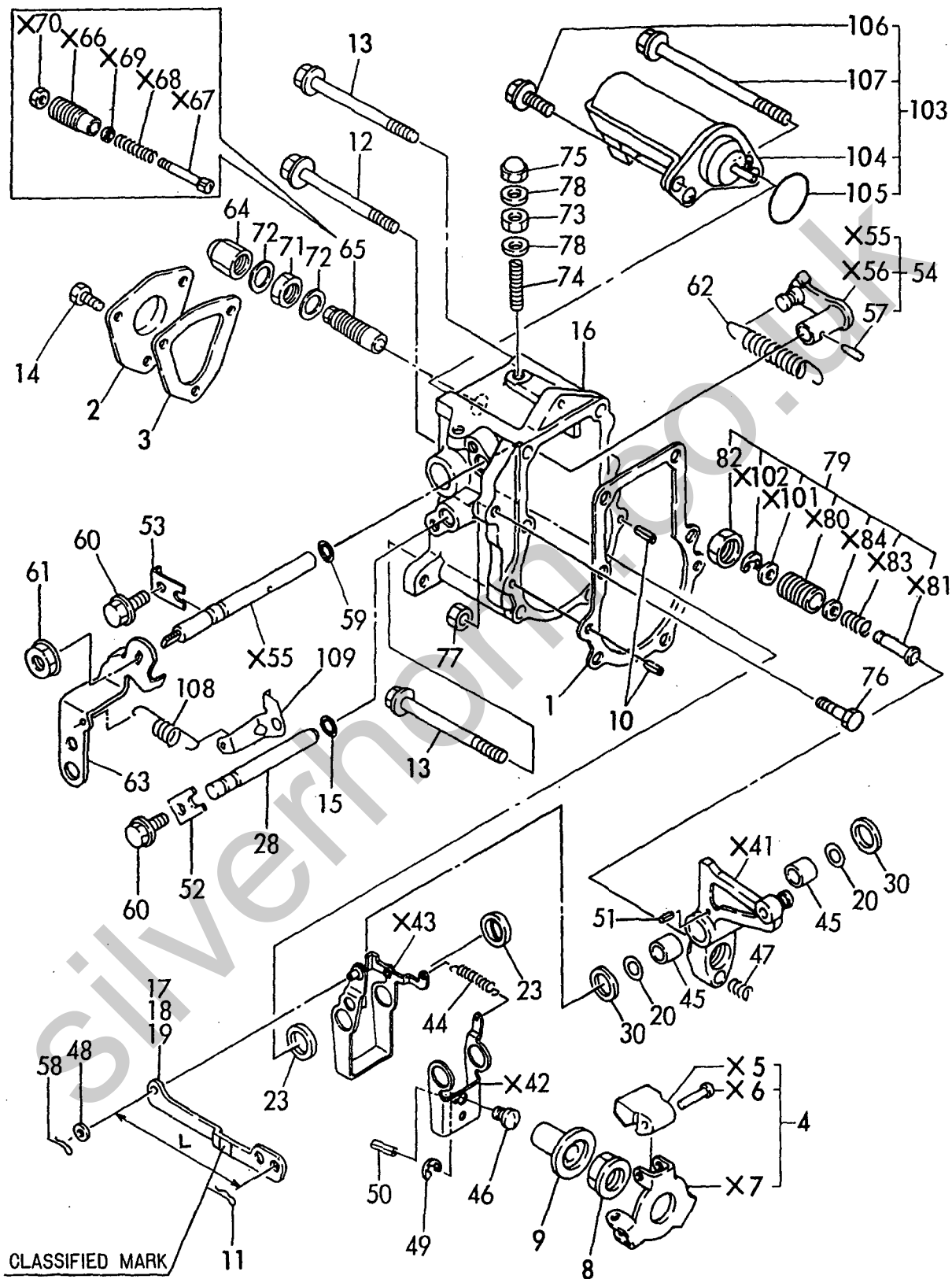
Fig. 11 FUEL LINE



1,1,,119660-61052,, "GASKET, (NON-ASB.)",1,,,,,,,,,,,,,  
2,1,,119660-61060,, "COVER, GOVERNOR CASE",1,,,,,,,,,,,,,  
3,1,,119660-61071,, "GASKET, (NON-ASB.)",1,,,,,,,,,,,,,  
4,1,,119600-61200,, "WEIGHT ASSY, GOV.",1,,,,,,,,,,,,,  
8,1,,119660-61300,, "NUT, GOVERNOR WEIGHT",1,,,,,,,,,,,,,  
9,1,,119660-61341,, "SLEEVE, GOVERNOR",1,,,,,,,,,,,,,  
10,1,,22351-040010,, "SPRING PIN 4X10",2,,,,,,,,,,,,,  
11,1,,22360-060000,, "SNAP PIN 6",1,,,,,,,,,,,,,  
12,1,,26106-060702,, "BOLT M 6X 70 PLATED",2,,,,,,,,,,,,,  
13,1,,26106-060702,, "BOLT M 6X 70 PLATED",3,,,,,,,,,,,,,  
14,1,,26116-050102,, "BOLT M 5X 10 PLATED",3,,,,,,,,,,,,,  
15,1,,129155-51280,, "O-RING S6",1,,,,,,,,,,,,,  
16,1,,119285-61010,, "CASE, GOVERNOR",1,,,,,,,,,,,,,  
17,1,,119660-61121,, "LINK L=88.8(NO COLOR)",1,,,,,,,,,,,,,  
18,1,,119660-61140,, "LINK L=88.6(WHITE)",1,,,,,,,,,1,,,,,,,,,  
19,1,,119660-61150,, "LINK L=89.0(RED)",1,,,,,,,,,1,,,,,,,,,  
20,1,,119660-61460,, "SHIM SET",1,,,,,,,,,,,,,  
23,1,,129155-61480,, "SPACER ASSY",2,,,,,,,,,,,,,  
28,1,,119660-61491,, "SHAFT, GOVERNOR LEVER",1,,,,,,,,,,,,,  
29,1,,119232-61510,, "LEVER ASSY, GOVERNOR",1,,,,,,,,,,,,,  
30,2,,174307-51700,, "SHIM SET",2,,,,,,,,,,,,,  
44,2,,119232-61540,, "SPRING, LEVER",1,,,,,,,,,,,,,  
45,2,,121450-61520,, "NEEDLE BEARING FJ810",2,,,,,,,,,,,,,  
46,2,,119600-61540,, "SHIFTER",1,,,,,,,,,,,,,  
47,2,,119660-61651,, "SPRING, STARTING",1,,,,,,,,,,,,,  
48,2,,22117-040000,, "WASHER 4",1,,,,,,,,,,,,,  
49,2,,22272-000040,, "CIRCLIP E- 4",1,,,,,,,,,,,,,  
50,2,,22351-020004,, "SPRING PIN 2X 4",1,,,,,,,,,,,,,  
51,2,,22351-030014,, "SPRING PIN 3X14",1,,,,,,,,,,,,,  
52,1,,119600-61900,, "RETAINER, SHAFT",1,,,,,,,,,,,,,  
53,1,,119660-61901,, "RETAINER, SHAFT",1,,,,,,,,,,,,,  
54,1,,119285-66080,, "SHAFT ASSY, REGULATOR",1,,,,,,,,,,,,,  
57,2,,22322-030160,, "TAPER PIN 3X16",1,,,,,,,,,,,,,  
58,1,,22360-040000,, "SNAP PIN 4",1,,,,,,,,,,,,,  
59,1,,24341-000070,, "O-RING 1A S-7.0",1,,,,,,,,,,,,,  
60,1,,26106-060102,, "BOLT M 6X 10 PLATED",2,,,,,,,,,,,,,  
61,1,,194990-22050,, "NUT W/WASHER 8",1,,,,,,,,,,,,,  
62,1,,119260-66010,, "SPRING, REGULATOR",1,,,,,,,,,,,,,  
63,1,,119640-66051,, "HANDLE, REGULATOR",1,,,,,,,,,,,,,  
64,1,,26687-120002,, "CAP NUT M12",1,,,,,,,,,,,,,  
65,1,,119600-66530,, "TORQUE SPRING ASSY",1,,,,,,,,,,,,,  
71,1,,26776-120002,, "LOCK NUT M12 PLATED",1,,,,,,,,,,,,,  
72,1,,22190-120002,, "SEAL WASHER 12S",2,,,,,,,,,,,,,  
73,1,,124550-66370,, "LOCK NUT M 6",1,,,,,,,,,,,,,  
74,1,,121575-66830,, "SCREW, ADJUST",1,,,,,,,,,,,,,  
75,1,,119600-66840,, "NUT, CAP",1,,,,,,,,,,,,,  
76,1,,26116-060304,, "BOLT M 6X 30 PLATED",1,,,,,,,,,,,,,  
77,1,,26756-060002,, "LOCK NUT M 6 PLATED",1,,,,,,,,,,,,,  
78,1,,22190-060003,, "SEAL WASER 6",2,,,,,,,,,,,,,  
79,1,,119600-66720,, "ANGLEICH ASSY",1,,,,,,,,,,,,,  
82,2,,129155-61590,, "NUT",1,,,,,,,,,,,,,  
103,1,,119233-66500,, "STOP DEVICE, ENGINE",1,,,,,,,,,,,,,  
104,2,,119233-77950,, "SOLENOID",1,,,,,,,,,,,,,  
105,2,,24341-000280,, "O-RING 1A S-28.0",1,,,,,,,,,,,,,  
106,2,,26106-060162,, "BOLT M 6X 16 PLATED",1,,,,,,,,,,,,,  
107,2,,26106-060952,, "BOLT M 6X 95 PLATED",1,,,,,,,,,,,,,  
108,1,,119840-61870,, "SPRING",1,,,,,,,,,,,,,  
109,1,,119656-66910,, "HOOK",1,,,,,,,,,,,,,

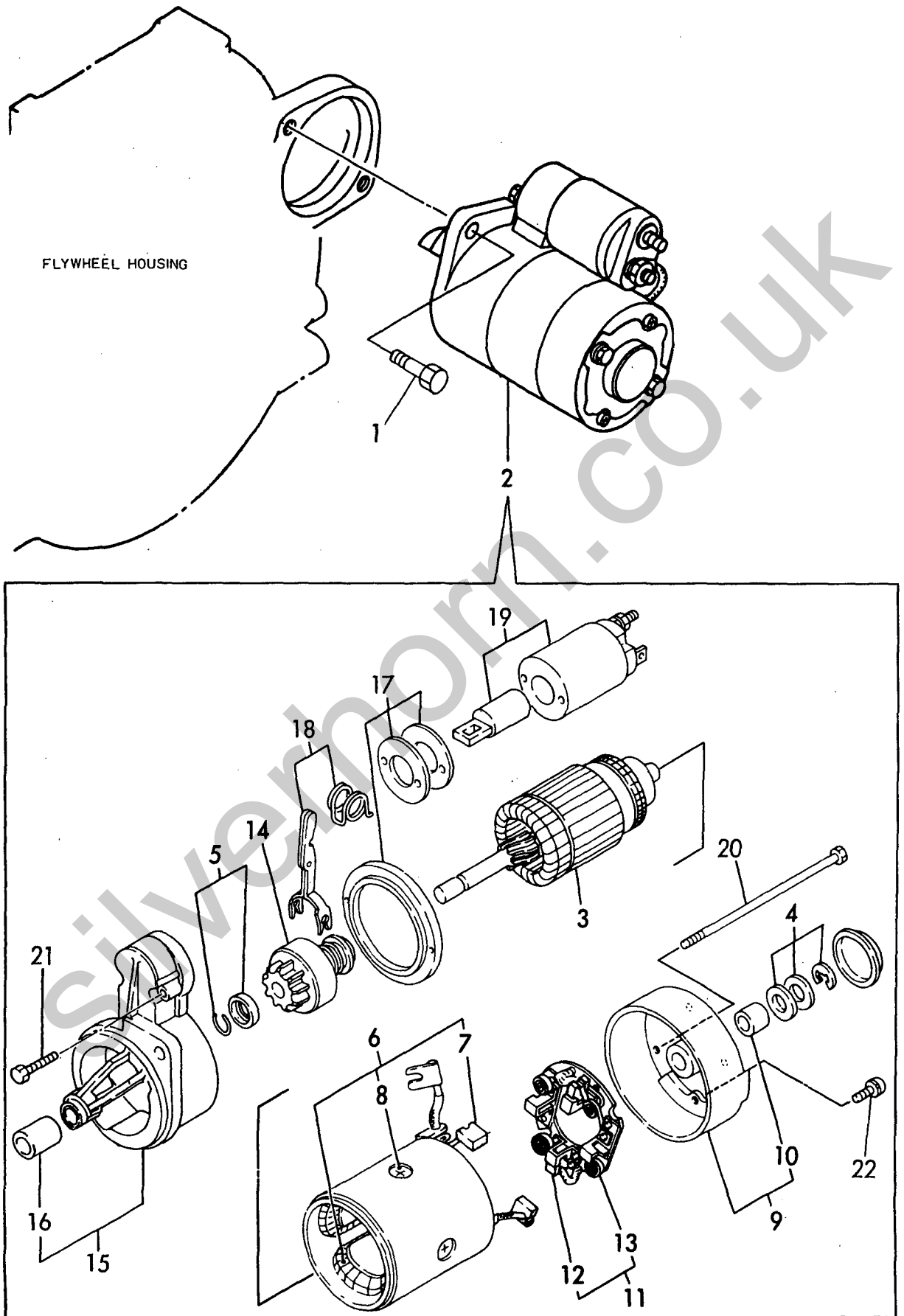


Fig. 12 GOVERNOR



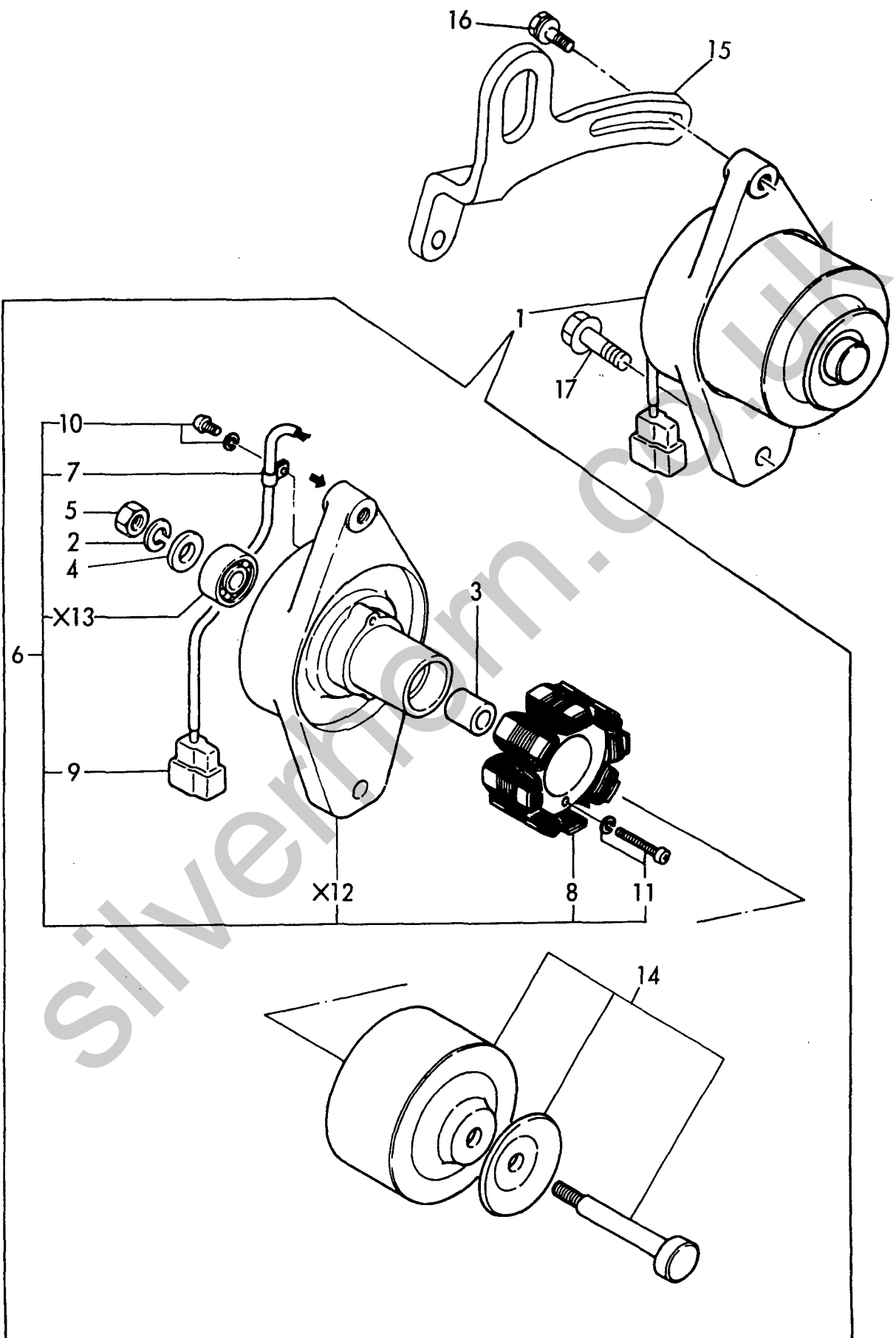
1,1,,26106-100252,, "BOLT M10X 25 PLATED",2,,,,,,,,,,,,,  
2,1,,119225-77011,, STARTER,1,,,,,,,,,,,,,  
3,2,,X2114710080,, "AMATURE ASSY.",1,,,,,,,,,,,,,  
4,2,,X2114811000,, "WASHER KIT, THRUST",1,,,,,,,,,,,,,  
5,2,,X2114715500,, "STOPPER SET, PINION",1,,,,,,,,,,,,,  
6,2,,X2114921040,, "COIL ASSY, FIELD",1,,,,,,,,,,,,,  
7,3,,X2114531200,, "BRUSH (+)",2,,,,,,,,,,,,,  
8,3,,X2114821500,, "SCREW SET",4,,,,,,,,,,,,,  
9,2,,X2114430010,, "COVER ASSY, REAR",1,,,,,,,,,,,,,  
10,3,,X2114535200,, "METAL, STARTER",1,,,,,,,,,,,,,  
11,2,,X2114990010,, "HOLDER ASSY, BRUSH",1,,,,,,,,,,,,,  
12,3,,X2114831300,, "BRUSH (-)",1,,,,,,,,,,,,,  
13,3,,X2114931400,, "SPRING, BRUSH",3,,,,,,,,,,,,,  
14,2,,X2114455040,, "PINION ASSY",1,,,,,,,,,,,,,  
15,2,,X2114866060,, "HOUSING, GEAR",1,,,,,,,,,,,,,  
16,3,,X2114535200,, "METAL, STARTER",1,,,,,,,,,,,,,  
17,2,,X2114780060,, "COVER ASSY, DUST",1,,,,,,,,,,,,,  
18,2,,X2114660130,, "LEVER KIT, SHIFT",1,,,,,,,,,,,,,  
19,2,,X2114275070,, "SWITCH, MAGNETIC",1,,,,,,,,,,,,,  
20,2,,X2114680050,, "BOLT, THROUGH",2,,,,,,,,,,,,,  
21,2,,X2114586700,, "BOLT M6X 37",2,,,,,,,,,,,,,  
22,2,,X2114283500,, "SCREW SET",1,,,,,,,,,,,,,

Fig. **13** STARTING MOTOR



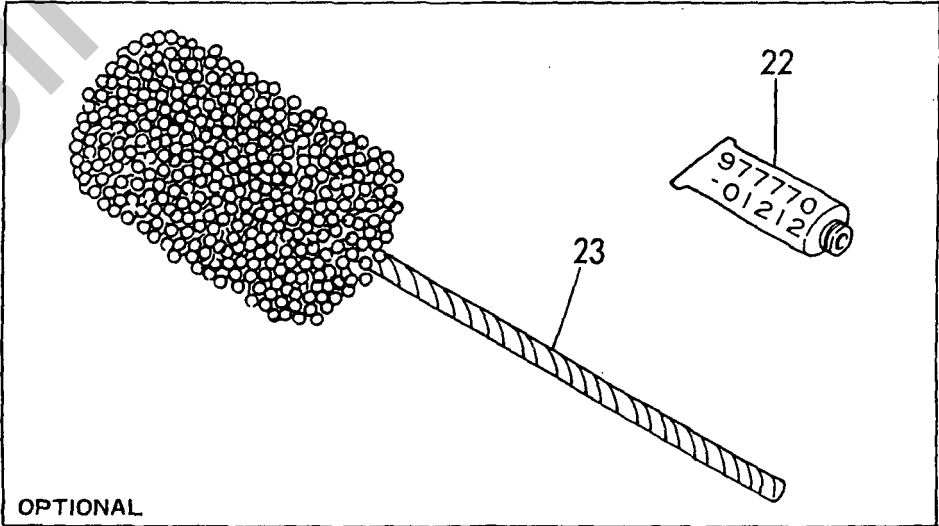
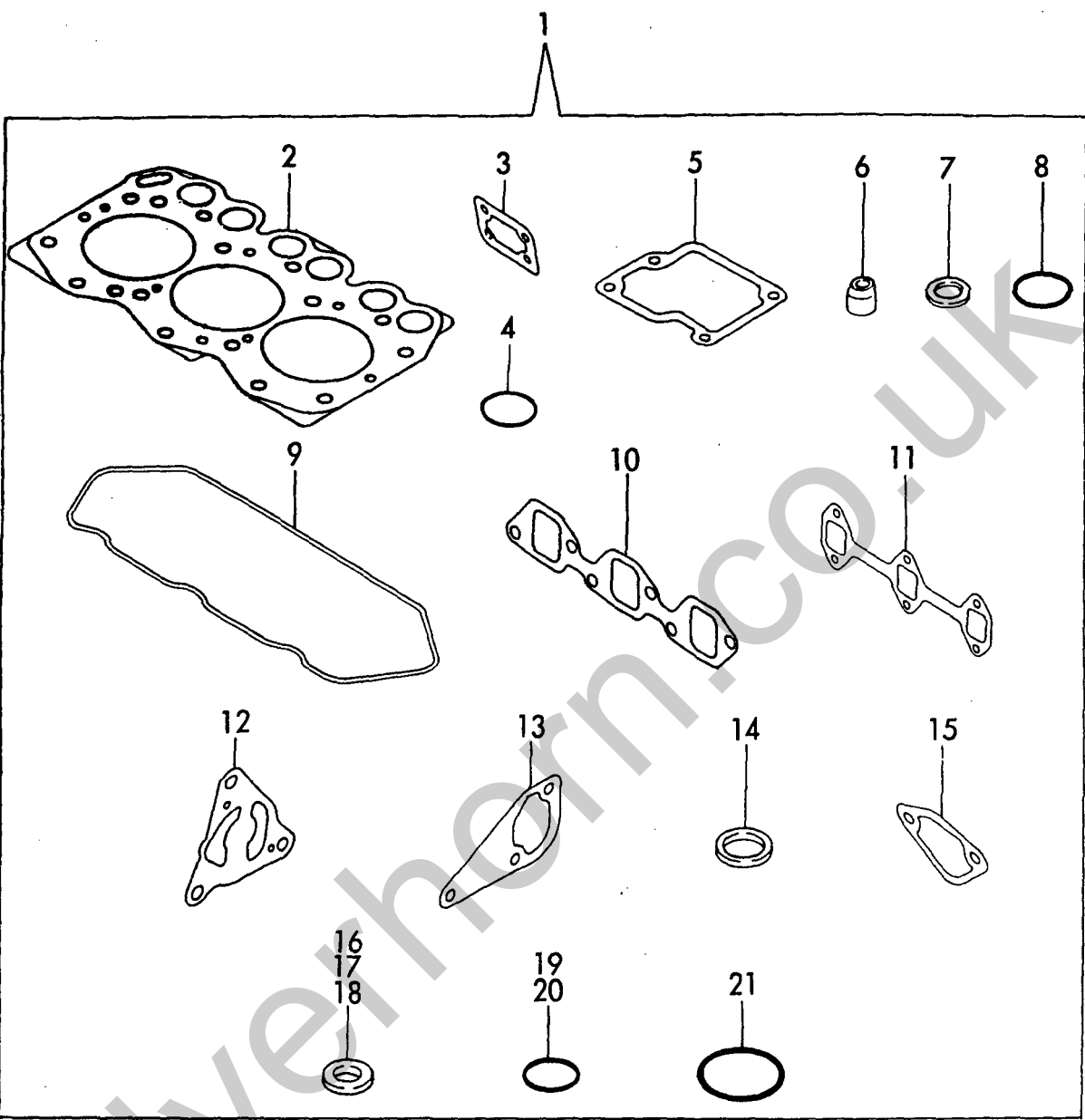
1,1,,129150-77202,,GENERATOR,1,,,,,,,,,,,,,  
2,2,,XM219230000,, "WASHER, SPRING",1,,,,,,,,,,,,,  
3,2,,XM329830000,, COLLAR,1,,,,,,,,,,,,,  
4,2,,XM860250000,, "WASHER 10",1,,,,,,,,,,,,,  
5,2,,XM863720000,, NUT,1,,,,,,,,,,,,,  
6,2,,129150-77210,, "PLATE ASSY",1,,,,,,,,,,,,,  
7,3,,XM069000000,, CLAMP,1,,,,,,,,,,,,,  
8,3,,XM081780000,, STATOR,1,,,,,,,,,,,,,  
9,3,,XM178780000,, COUPLER,1,,,,,,,,,,,,,  
10,3,,XYSPS400800,, SCREW,1,,,,,,,,,,,,,  
11,3,,XYSPS402400,, SCREW,2,,,,,,,,,,,,,  
14,2,,129150-77230,, "FLYWHEEL ASSY",1,,,,,,,,,,,,,  
15,1,,119253-77331,, "ADJUSTER, BELT",1,,,,,,,,,,,,,  
16,1,,26014-080252,, "BOLT M 8X 25",1,,,,,,,,,,,,,  
17,1,,26106-100402,, "BOLT M10X 40 PLATED",1,,,,,,,,,,,,,

Fig. **14** GENERATOR



1,1,,719253-92600,, "GASKET SET(NON-ASB.)",1,,,,,,,,1,,,,,,,,,  
2,2,,119265-01340,, "GASKET, CYL. HEAD",1,,,,,,,,,,,,,,,,,  
3,2,,119660-01562,, "GASKET, (NON-ASB.)",1,,,,,,,,,,,,,,,,,  
4,2,,24311-000320,, "O-RING 1A P-32.0",1,,,,,,,,,,,,,,,,,  
5,2,,119260-03031,, "GASKET, (NON-ASB.)",1,,,,,,,,,,,,,,,,,  
6,2,,119260-11340,, "SEAL, VALVE STEM",6,,,,,,,,,,,,,,,,,  
7,2,,119600-11460,, "GASKET, NOZZLE",6,,,,,,,,,,,,,,,,,  
8,2,,24311-000320,, "O-RING 1A P-32.0",1,,,,,,,,,,,,,,,,,  
9,2,,119260-11310,, "GASKET, BONNET",1,,,,,,,,,,,,,,,,,  
10,2,,119270-12110,, "GASKET, SUC.MANIFOLD",1,,,,,,,,,,,,,,,,,  
11,2,,119260-13110,, "GASKET, EXH.MANIFOLD",1,,,,,,,,,,,,,,,,,  
12,2,,119660-32020,, "GASKET, L.O.PUMP",1,,,,,,,,,,,,,,,,,  
13,2,,119260-42020,, "GASKET, C.W. PUMP",1,,,,,,,,,,,,,,,,,  
14,2,,124465-44950,, "GASKET 16",1,,,,,,,,,,,,,,,,,  
15,2,,121520-01851,, "GASKET, (NON-ASB.)",1,,,,,,,,,,,,,,,,,  
16,2,,104200-59170,, "GASKET 12",2,,,,,,,,,,,,,,,,,  
17,2,,22190-080002,, "SEAL WASHER 8S",4,,,,,,,,,,,,,,,,,  
18,2,,23414-140000,, "GASKET 14, ROUND",3,,,,,,,,,,,,,,,,,  
19,2,,24311-000120,, "O-RING 1A P 12.0",5,,,,,,,,,,,,,,,,,  
20,2,,24311-240100,, "O-RING 1A P-10A",2,,,,,,,,,,,,,,,,,  
21,2,,24321-000350,, "O-RING 1A G-35.0",1,,,,,,,,,,,,,,,,,  
22,1,,977770-01212,, "GASKET, LIQUID",1,,,,,,,,1,,,,,,,,,  
23,1,,129400-92400,, "FLEX HORN",1,,,,,,,,1,,,,,,,,,

Fig. **15** GASKET SET & TOOL (OPTIONAL)



OPTIONAL

0,Y00B5260  
1,002,, "ENGINE 3TNE68L-UBC"  
2,1,, "CYLINDER BLOCK",3TNE68L-UBC,,,  
2,2,, "GEAR HOUSING",3TNE68L-UBC,,,  
2,3,, "FLYWHEEL HOUSING & OIL SUMP",3TNE68L-UBC,,,  
2,4,, "CYLINDER HEAD & BONNET",3TNE68L-UBC,,,  
2,5,, "SUCTION & EXHAUST MANIFOLD",3TNE68L-UBC,,,  
2,6,, "CAMSHAFT & DRIVING GEAR",3TNE68L-UBC,,,  
2,7,, "CRANKSHAFT & PISTON",3TNE68L-UBC,,,  
2,8,, "LUB. OIL SYSTEM",3TNE68L-UBC,,,  
2,9,, "COOLING WATER SYSTEM",3TNE68L-UBC,,,  
2,10,, "FUEL INJECTION DEVICE",3TNE68L-UBC,,,  
2,11,, "FUEL LINE",3TNE68L-UBC,,,  
2,12,, GOVERNOR,3TNE68L-UBC,,,  
2,13,, "STARTING MOTOR",3TNE68L-UBC,,,  
2,14,, GENERATOR,3TNE68L-UBC,,,  
2,15,, "GASKET SET & TOOL(OPTIONAL)",3TNE68L-UBC,,,