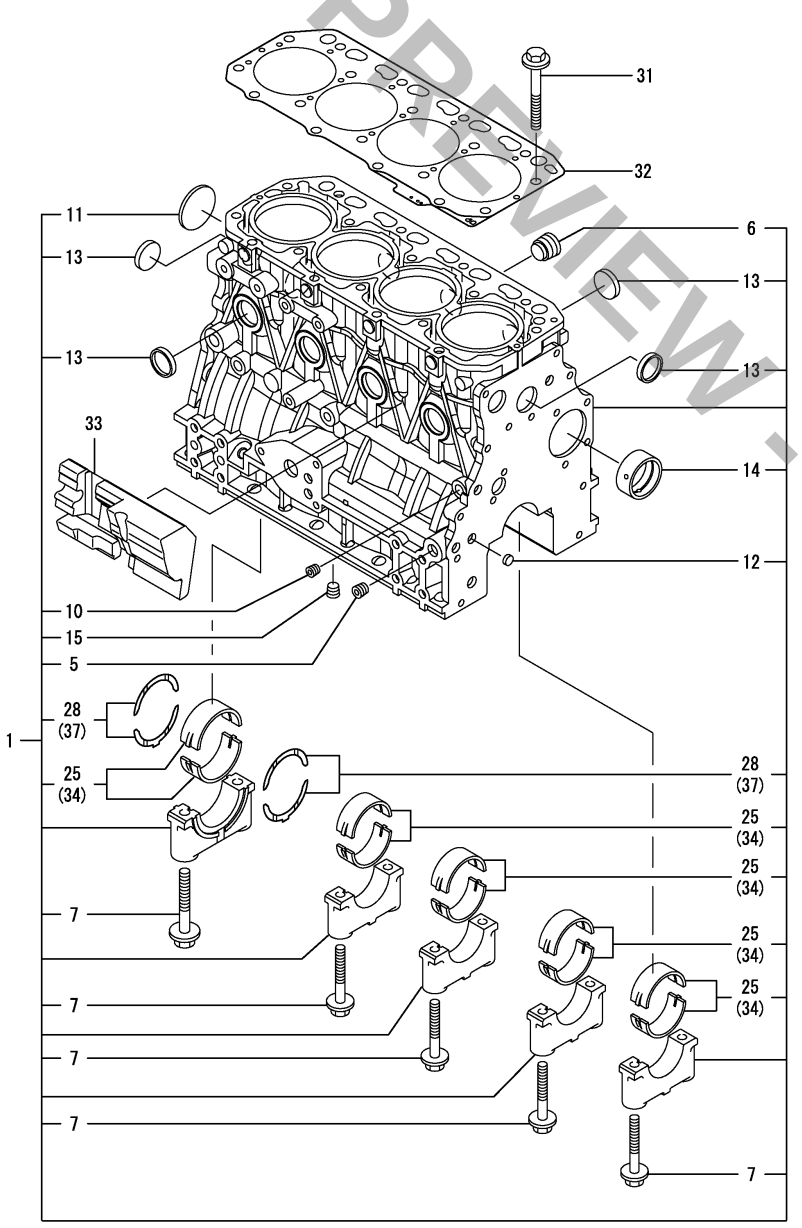
## Fig.1. CYLINDER BLOCK




Remarks
(1) UNDER-SIZE(U.S=0.25)PART.
(2) OVER-SIZE(O.S=0.25)PART.
(3) REPAIR PART.



## 1. CYLINDER BLOCK

(A)=4TNV88-XMS (D)=
(B)= (E)=
(C)= (F)=

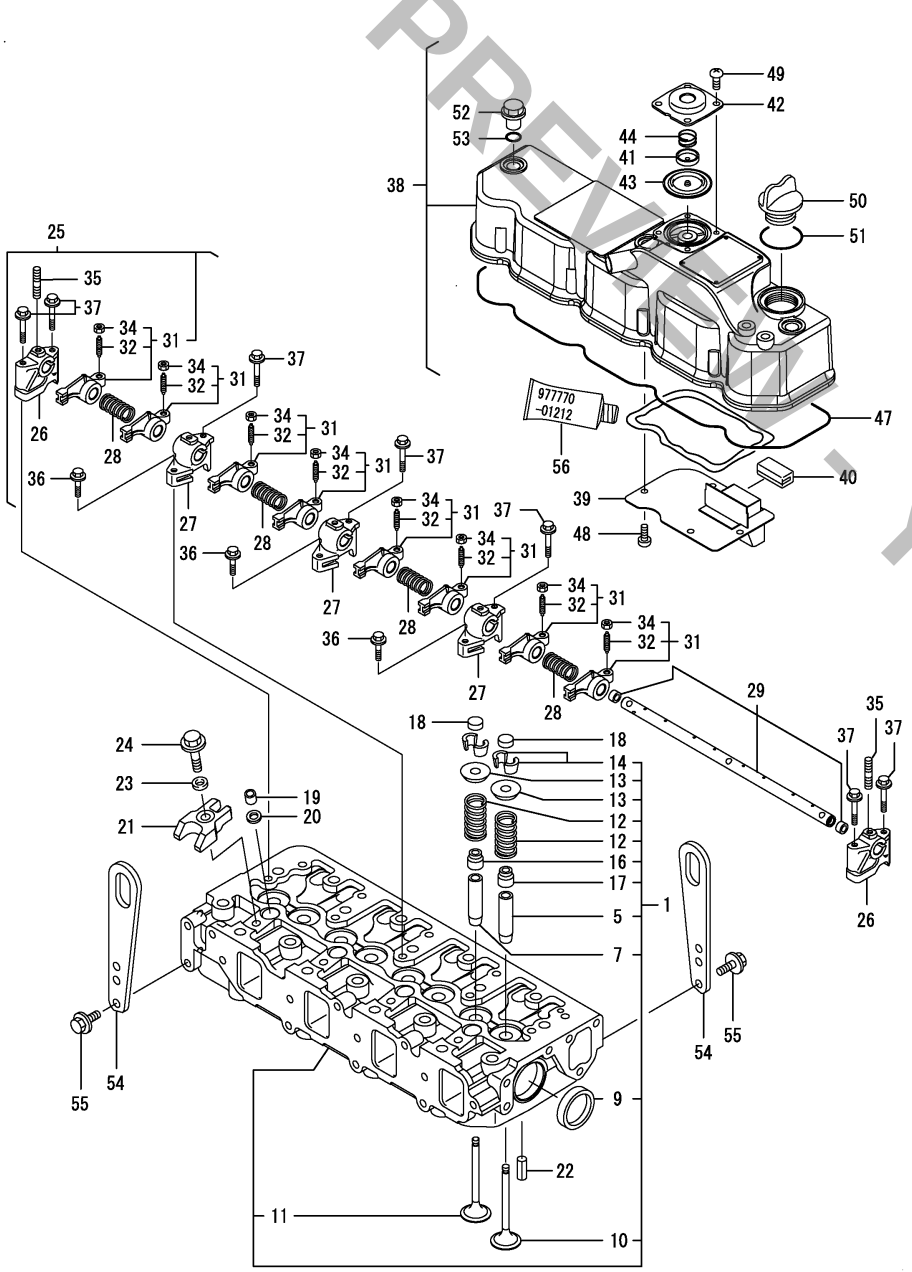
| REF. | LEV. | PARTS NO. | DESCRIPTION | Q'TY (A) | (B) | (C) | (D) | (E) | (F) | I | R |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1 | 729602-01560 | BLOCK ASSY, CYLINDER | 1 | | | | | | | |
| 5 | 2 | 124160-01910 | PLUG PT1/4 | 2 | | | | | | | |
| 6 | 2 | 171051-01921 | PLUG | 1 | | | | | | | |
| 7 | 2 | 129150-02020 | BOLT, METAL CAP | 10 | | | | | | | |
| 10 | 2 | 124060-01050 | PLUG PT1/8 | 1 | | | | | | | |
| 11 | 2 | 129001-01250 | PLUG 50 | 1 | | | | | | | |
| 12 | 2 | 27241-120000 | PLUG 12 | 2 | | | | | | | |
| 13 | 2 | 27241-300000 | PLUG 30 | 8 | | | | | | | |
| 14 | 2 | 129795-02411 | BUSH, CAMSHAFT | 1 | | | | | | | |
| 15 | 2 | 124160-01910 | PLUG PT1/4 | 1 | | | | | | | |
| 25 | 2 | 129001-02930 | MAIN BEARING SET | 5 | | | | | | | 3 |
| 28 | 2 | 129150-02930 | METAL, THRUST | 2 | | | | | | | |
| 31 | 1 | 129150-01200 | STUD, CYL. HEAD | 18 | | | | | | | |
| 32 | 1 | 129407-01340 | GASKET,CYL.HEAD | 1 | | | | | | | |
| 33 | 1 | 129004-01190 | SPACER | 1 | | | | | | | |
| 34 | 1 | 129150-02870 | MAIN METAL US=0.25 | 5 | | | | | | | 1 |
| 37 | 1 | 129150-02940 | METAL,THRUST.25(4PIE | 1 | | | | | | | 2 |

N:Old $\overset{\text{Yes}}{\underset{\text{No}}{\leftrightarrows}}$ New, Q:Old $\overset{\text{No}}{\underset{\text{Yes}}{\leftrightarrows}}$ New, R:Old $\overset{\text{Yes}}{\underset{\text{Yes}}{\leftrightarrows}}$ New, S:Old $\overset{\text{No}}{\underset{\text{No}}{\leftrightarrows}}$ New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change

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# Fig.4. CYLINDER HEAD & BONNET




Remarks
(1) REPAIR PART.
(2) OPTIONAL PART.



## 4. CYLINDER HEAD & BONNET

(A)=4TNV88-XMS (D)=
(B)= (E)=
(C)= (F)=

| REF. | LEV. | PARTS NO. | DESCRIPTION | Q'TY (A) | (B) | (C) | (D) | (E) | (F) | I | R |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1 | 129602-11700 | HED ASSY, CYLINDER | 1 | | | | | | | |
| 5 | 2 | 120130-11860 | GUIDE, VALVE | 4 | | | | | | | 1 |
| 7 | 2 | 129150-11810 | GUIDE, VALVE | 4 | | | | | | | 1 |
| 9 | 2 | 27241-400000 | PLUG 40 | 2 | | | | | | | |
| 10 | 2 | 129005-11100 | VALVE, INTAKE | 4 | | | | | | | |
| 11 | 2 | 129100-11110 | VALVE, EXHAUST | 4 | | | | | | | |
| 12 | 2 | 129795-11120 | SPRING, VALVE | 8 | | | | | | | |
| 13 | 2 | 129795-11180 | RETAINER, SPRING | 8 | | | | | | | |
| 14 | 2 | 27310-080001 | COTTER 8 | 8 | | | | | | | |
| 16 | 2 | 121400-11340 | SEAL, VALVE STEM | 4 | | | | | | | |
| 17 | 2 | 124460-11340 | SEAL, VALVE STEM | 4 | | | | | | | |
| 18 | 1 | 129150-11370 | CAP, VALVE | 8 | | | | | | | |
| 19 | 1 | 119802-11870 | PROTECTOR, NOZZLE | 4 | | | | | | | |
| 20 | 1 | 119625-11880 | SEAT, NOZZLE | 4 | | | | | | | |
| 21 | 1 | 129004-11900 | RETAINER, NOZZLE | 4 | | | | | | | |
| 22 | 1 | 22351-060012 | SPRING PIN 6X12 | 2 | | | | | | | |
| 23 | 1 | 120270-54410 | WASHER | 4 | | | | | | | |
| 24 | 1 | 26106-080352 | BOLT M 8X 35 PLATED | 4 | | | | | | | |
| 25 | 1 | 129601-11241 | SHAFT ASSY, ROCKER | 1 | | | | | | | |
| 26 | 2 | 119802-11260 | SUPPORT, ROCKER ARM | 2 | | | | | | | |
| 27 | 2 | 119802-11270 | SUPPORT, ROCKER ARM | 3 | | | | | | | |
| 28 | 2 | 129150-11280 | SPRING | 4 | | | | | | | |
| 29 | 2 | 129601-11251 | SHAFT | 1 | | | | | | | |
| 31 | 2 | 129004-11650 | ARM ASSY, ROCKER | 8 | | | | | | | |
| 32 | 3 | 129150-11230 | SCREW, VALVE | 8 | | | | | | | |
| 34 | 3 | 129150-11750 | NUT M8XP1.0 | 8 | | | | | | | |
| 35 | 2 | 26226-080182 | STUD M 8X 18 PLATED | 3 | | | | | | | |
| 36 | 1 | 26106-080252 | BOLT M 8X 25 PLATED | 3 | | | | | | | |
| 37 | 1 | 26106-080502 | BOLT M 8X 50 PLATED | 7 | | | | | | | |
| 38 | 1 | 129601-11350 | BONNET ASSY | 1 | | | | | | | |
| 39 | 2 | 129004-03010 | PLATE, BAFFLE | 1 | | | | | | | |
| 40 | 2 | 129150-03070 | BAFFLE, BREATHER | 1 | | | | | | | |
| 41 | 2 | 119802-03110 | PLATE, DIAPHRAGM | 1 | | | | | | | |
| 42 | 2 | 119802-03120 | COVER, DIAPHRAGM | 1 | | | | | | | |
| 43 | 2 | 119802-03130 | DIAPHRAGM | 1 | | | | | | | |
| 44 | 2 | 119802-03140 | SPRING, DIAPHRAGM | 1 | | | | | | | |
| 47 | 2 | 129601-11310 | GASKET,COVER | 1 | | | | | | | |
| 48 | 2 | 22857-500100 | SCREW 5X10,TAPPING | 4 | | | | | | | |
| 49 | 2 | 22857-500100 | SCREW 5X10,TAPPING | 4 | | | | | | | |
| 50 | 1 | 124160-01751 | COVER,FILLER | 1 | | | | | | | |
| 51 | 1 | 24311-000320 | O-RING 1A P-32.0 | 1 | | | | | | | |
| 52 | 1 | 124160-11360 | KNOB | 3 | | | | | | | |
| 53 | 1 | 24311-000120 | O-RING 1A P 12.0 | 3 | | | | | | | |
| 54 | 1 | 129900-07900 | LIFTER, ENGINE | 2 | | | | | | | |
| 55 | 1 | 26106-080142 | BOLT 8X 14 PLATED | 4 | | | | | | | |
| 56 | 1 | 977770-01212 | GASKET, LIQUID | 1 | | | | | | | 2 |

N:Old ◄Yes/No► New, Q:Old ◄No/Yes► New, R:Old ◄Yes/Yes► New, S:Old ◄No/No► New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change

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Fig.11. FUEL INJECTION PUMP





## 11. FUEL INJECTION PUMP

(A)=4TNV88-XMS
(B)=
(C)=
(D)=
(E)=
(F)=

| REF. | LEV. | PARTS NO. | DESCRIPTION | Q'TY (A) | (B) | (C) | (D) | (E) | (F) | I | R |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1 | 26106-080162 | BOLT M 8X 16 PLATED | 1 | | | | | | | |
| 2 | 1 | 26106-080202 | BOLT M 8X 20 PLATED | 1 | | | | | | | |
| 3 | 1 | 129601-51250 | SUPPORT,FIP | 1 | | | | | | | |
| 4 | 1 | 729602-51320 | INJECTION PUMP ASSY | 1 | | | | | | | |

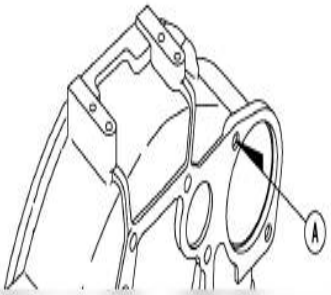
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0CV10-G94800

Fig.14. STARTING MOTOR




0CV10-G94800 14. STARTING MOTOR

(A)=4TNV88-XMS (D)=
(B)= (E)=
(C)= (F)=

| REF. | LEV. | PARTS NO. | DESCRIPTION | Q'TY (A) | (B) | (C) | (D) | (E) | (F) | I | R |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1 | 129136-77011 | STARTER | 1 | | | | | | | |
| 2 | 2 | 129136-77310 | SHAFT, PINION | 1 | | | | | | | |
| 3 | 2 | 129900-77400 | ARMATURE ASSY | 1 | | | | | | | |
| 4 | 3 | X2130350900 | BALL BEARING | 1 | | | | | | | |
| 5 | 3 | X2114255110 | BALL BEARING | 1 | | | | | | | |
| 6 | 2 | 129900-77440 | COIL ASSY, FIELD | 1 | | | | | | | |
| 7 | 3 | 129900-77450 | BRUSH (+) | 2 | | | | | | | |
| 8 | 3 | 171008-77450 | SCREW, POLE CORE SET | 4 | | | | | | | |

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MODEL : 4TNV88-XMS (GEHL)
PC NO : 0CV10-G94800


| Fig.No. | GROUP NAME | Fig.No. | GROUP NAME |
|---|---|---|---|
| ENGINE SECTION (4TNV88-XMS) | | | |
| 1. | CYLINDER BLOCK | | |
| 2. | GEAR HOUSING | | |
| 3. | FLYWHEEL HOUSING & OIL SUMP | | |
| 4. | CYLINDER HEAD & BONNET | | |



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