YANMAR

# PARTS CATALOG

0CD50-M05010EN

Last update Mar., 2019

# PREFACE

This parts catalog is the 1st edition of 3TNV80F-NGGEHR for HIMOINSA.

Published : March, 2019

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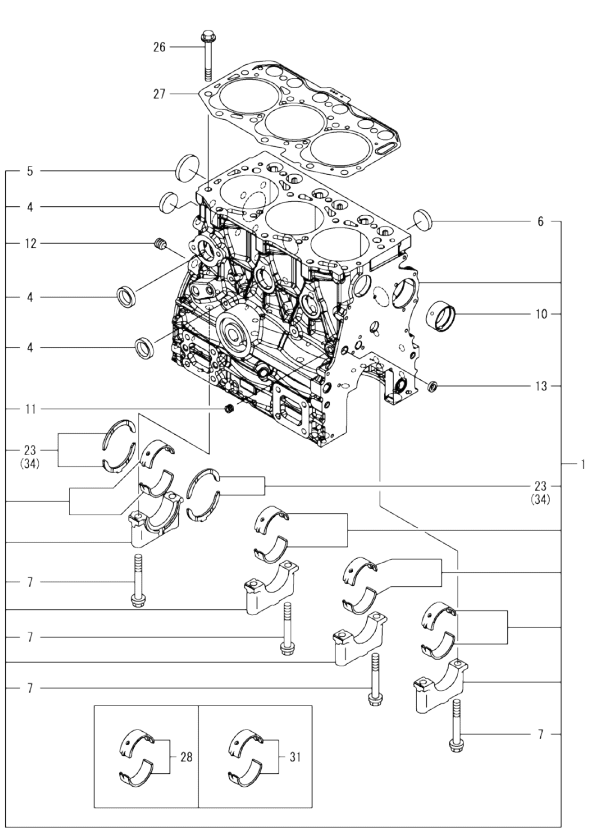
# Fig.1. CYLINDER BLOCK



(A)=3TNV80F-NGGEHR
(B)=
(C)=
(D)=
(E)=
(F)=




| No. | Lev. | Parts No. | Description | Q'ty (A) | (B) | (C) | (D) | (E) | (F) | I | R |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1 | 119E00-01560 | BLOCK ASSY, CYLINDER | 1 | | | | | | | |
| 4 | 2 | 105311-01090 | PLUG, 30 | 4 | | | | | | | |
| 5 | 2 | 119623-01250 | PLUG, 45 | 1 | | | | | | | |
| 6 | 2 | 119285-01990 | PLUG, 25 | 3 | | | | | | | |
| 7 | 2 | 119620-02020 | BOLT, METAL CAP | 8 | | | | | | | |
| 10 | 2 | 119717-02411 | BUSH, CAMSHAFT | 1 | | | | | | | |
| 11 | 2 | 124060-01050 | PLUG, PT1/8 | 1 | | | | | | | |
| 12 | 2 | 124160-01910 | PLUG, PT1/4 | 1 | | | | | | | |
| 13 | 2 | 27241-120000 | PLUG, 12 | 1 | | | | | | | |
| 23 | 2 | 119717-02930 | METAL ASSY, THRUST | 2 | | | | | | | |
| 26 | 1 | 119810-01200 | BOLT, CYLINDER HEAD | 14 | | | | | | | |
| 27 | 1 | 119E10-01330 | GASKET SET, HEAD | 1 | | | | | | | |
| 28 | 1 | 719717-02901 | METAL ASSY, MAIN | 4 | | | | | | | 1 |
| 31 | 1 | 719717-02911 | METAL ASSY, MAIN .25 | 4 | | | | | | | 2 |
| 34 | 1 | 119810-02941 | METAL ASSY, 0.25 OS | 2 | | | | | | | 3 |

Remarks
(1)Spare parts.
(2)Under-sized(U.S.=0.25) parts.
(3)Over-sized(O.S.=0.25) parts.

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

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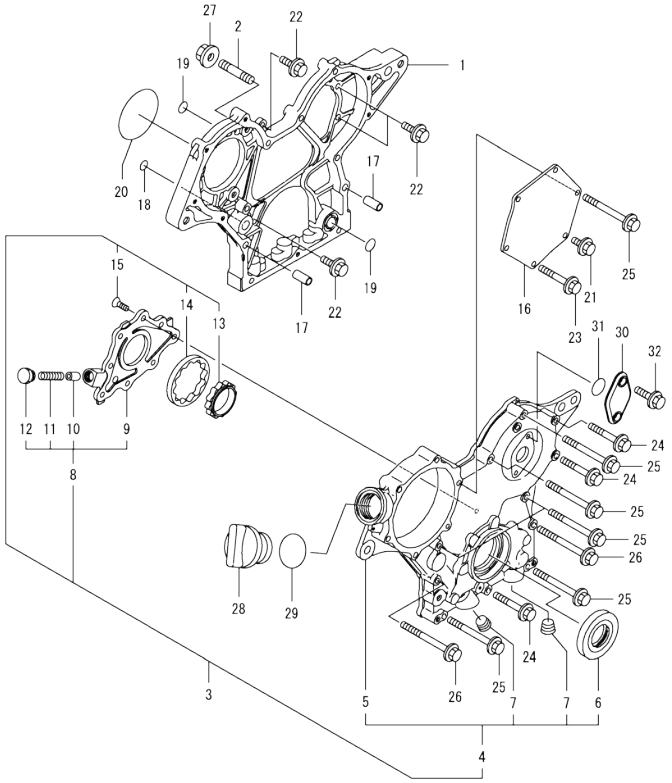
# Fig.2. GEAR HOUSING



(A)=3TNV80F-NGGEHR
(B)=
(C)=
(D)=
(E)=
(F)=




| No. | Lev. | Parts No. | Description | Q'ty (A) | (B) | (C) | (D) | (E) | (F) | I | R |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1 | 119717-01501 | CASE, GEAR | 1 | | | | | | | |
| 2 | 1 | 119717-01570 | STUD | 3 | | | | | | | |
| 3 | 1 | 119734-01580 | COVER ASSY, CASE | 1 | | | | | | | |
| 4 | 2 | 719734-01510 | COVER ASSY, CASE | 1 | | | | | | | |
| 5 | 3 | 119744-01521 | COVER, GEAR CASE | 1 | | | | | | | |
| 6 | 3 | 119717-01800 | SEAL, OIL | 1 | | | | | | | |
| 7 | 3 | 23876-030000 | PLUG, R03 | 2 | | | | | | | |
| 8 | 2 | 119717-32100 | COVER ASSY, PUMP | 1 | | | | | | | |
| 9 | 3 | 119717-32080 | COVER, OIL PUMP | 1 | | | | | | | |
| 10 | 3 | 129900-32130 | VALVE, RELIEF | 1 | | | | | | | |
| 11 | 3 | 129001-32320 | SPRING | 1 | | | | | | | |
| 12 | 3 | 129001-32330 | PLUG | 1 | | | | | | | |
| 13 | 2 | 119717-32110 | ROTOR, INNER | 1 | | | | | | | |
| 14 | 2 | 119717-32120 | ROTOR, OUTER | 1 | | | | | | | |
| 15 | 2 | 119802-32130 | SCREW, M6X16 | 8 | | | | | | | |
| 16 | 1 | 119717-01750 | COVER, PUMP | 1 | | | | | | | |
| 17 | 1 | 119660-01911 | PIPE, KNOCK 6X17 | 4 | | | | | | | |
| 18 | 1 | 119624-32040 | O-RING, P12.0 | 1 | | | | | | | |
| 19 | 1 | 119717-32050 | O-RING, P17.0 | 3 | | | | | | | |
| 20 | 1 | 121850-51960 | O-RING, FUEL PUMP | 1 | | | | | | | |
| 21 | 1 | 26106-060122 | BOLT, M6X 12 PLATED | 1 | | | | | | | |
| 22 | 1 | 26106-060162 | BOLT, M6X 16 PLATED | 4 | | | | | | | |
| 23 | 1 | 26106-060402 | BOLT, M6X 40 PLATED | 4 | | | | | | | |
| 24 | 1 | 26106-060402 | BOLT, M6X 40 PLATED | 3 | | | | | | | |
| 25 | 1 | 26106-060602 | BOLT, M6X 60 PLATED | 7 | | | | | | | |
| 26 | 1 | 26106-060652 | BOLT, M6X 65 PLATED | 2 | | | | | | | |
| 27 | 1 | 26306-080002 | NUT, M8 | 3 | | | | | | | |
| 28 | 1 | 124160-01751 | CAP, FILLER | 1 | | | | | | | |
| 29 | 1 | 24311-000320 | O-RING, 1AP32.0 | 1 | | | | | | | |
| 30 | 1 | 121023-01551 | COVER, TACHOMETER | 1 | | | | | | | |
| 31 | 1 | 24341-000240 | O-RING, 1AS24.0 | 1 | | | | | | | |
| 32 | 1 | 26106-060162 | BOLT, M6X 16 PLATED | 2 | | | | | | | |

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

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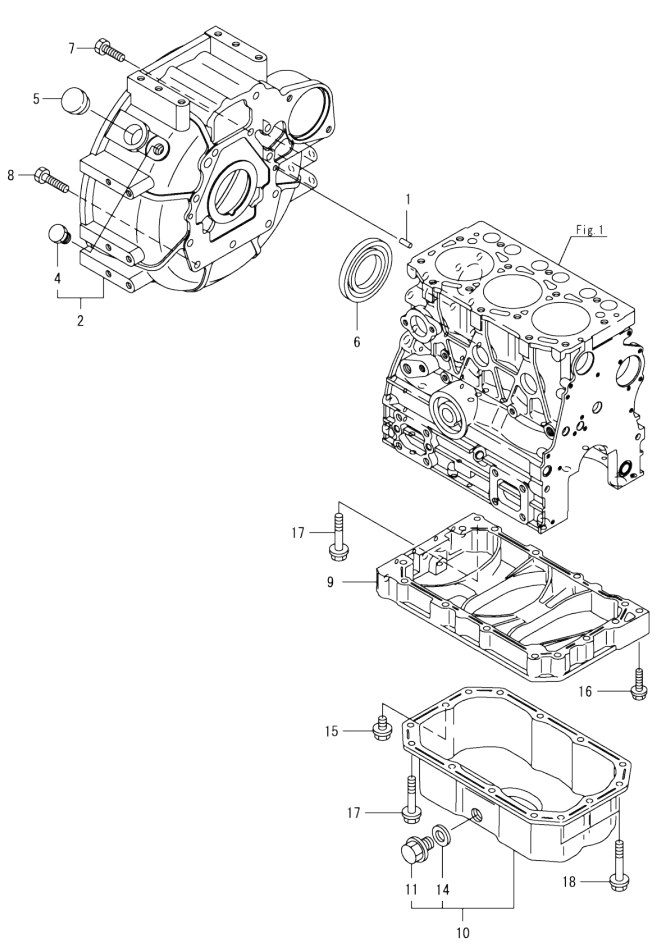
# Fig.3. FLYWHEEL HOUSING & OIL SUMP



(A)=3TNV80F-NGGEHR (D)=
(B)= (E)=
(C)= (F)=




| No. | Lev. | Parts No. | Description | Q'ty (A) | (B) | (C) | (D) | (E) | (F) | I | R |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1 | 129100-01580 | PIN, PARALLEL 8X16 | 2 | | | | | | | |
| 2 | 1 | 119717-01611 | HOUSING, FLYWHEEL | 1 | | | | | | | |
| 4 | 2 | 119888-01850 | PLUG, RUBBER 19 | 1 | | | | | | | |
| 5 | 1 | 119620-01750 | CAP, WHEEL COVER | 1 | | | | | | | |
| 6 | 1 | 124085-02220 | SEAL, METAL HOUSING | 1 | | | | | | | |
| 7 | 1 | 26206-100252 | BOLT, M10X 25 PLATED | 8 | | | | | | | |
| 8 | 1 | 26206-100302 | BOLT, M10X 30 PLATED | 3 | | | | | | | |
| 9 | 1 | 119717-01720 | SPACER, OIL PAN | 1 | | | | | | | |
| 10 | 1 | 119717-01770 | OIL PAN ASSY | 1 | | | | | | | |
| 11 | 2 | 105425-01690 | PLUG, DRAIN M16 | 1 | | | | | | | |
| 14 | 2 | 22190-160002 | WASHER, SEAL 16 | 1 | | | | | | | |
| 15 | 1 | 26106-080122 | BOLT, M8X 12 PLATED | 1 | | | | | | | |
| 16 | 1 | 26106-080302 | BOLT, M8X 30 PLATED | 1 | | | | | | | |
| 17 | 1 | 26106-080452 | BOLT, M8X 45 PLATED | 11 | | | | | | | |
| 18 | 1 | 26106-080502 | BOLT, M8X 50 PLATED | 3 | | | | | | | |

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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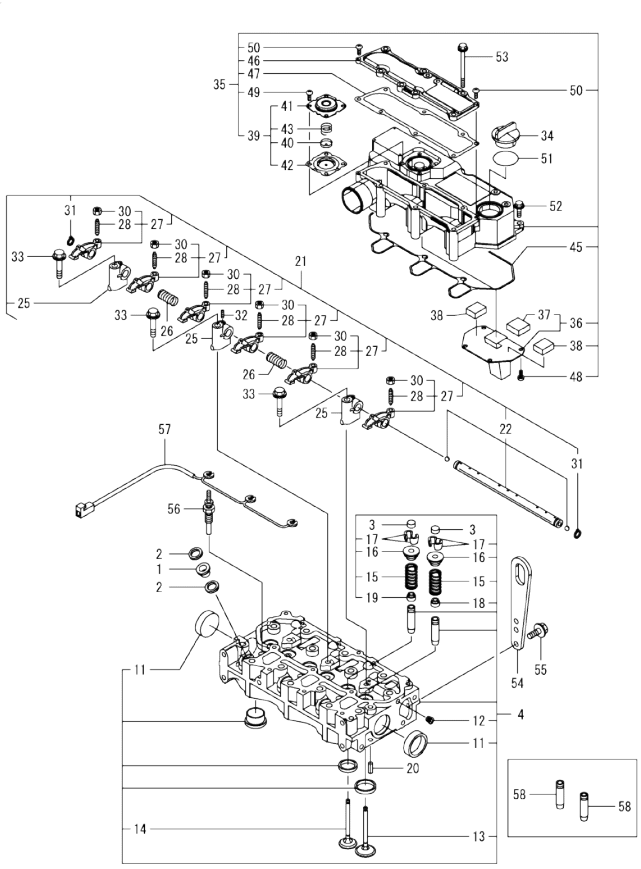
# Fig.4. CYLINDER HEAD & BONNET






(A)=3TNV80F-NGGEHR (D)=
(B)= (E)=
(C)= (F)=

| No. | Lev. | Parts No. | Description | Q'ty (A) | (B) | (C) | (D) | (E) | (F) | I | R |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1 | 129901-11450 | PROTECTOR, NOZZLE | 3 | | | | | | | |
| 2 | 1 | 119600-11460 | GASKET, NOZZLE | 6 | | | | | | | |
| 3 | 1 | 105010-11490 | CAP, VALVE | 6 | | | | | | | |
| 4 | 1 | 119E10-11750 | HEAD ASSY, CYLINDER | 1 | | | | | | | |
| 11 | 2 | 119285-11990 | PLUG, 35 | 2 | | | | | | | |
| 12 | 2 | 23876-005000 | PLUG, R005 | 1 | | | | | | | |
| 13 | 2 | 119E10-11100 | VALVE, INTAKE | 3 | | | | | | | |
| 14 | 2 | 119E10-11110 | VALVE, EXHAUST | 3 | | | | | | | |
| 15 | 2 | 119717-11131 | SPRING, VALVE | 6 | | | | | | | |
| 16 | 2 | 129508-11180 | RETAINER, SPRING | 6 | | | | | | | |
| 17 | 2 | 119717-11190 | COTTER, VALVE | 12 | | | | | | | |
| 18 | 2 | 119717-11340 | SEAL, VALVE STEM | 3 | | | | | | | |
| 19 | 2 | 119717-11350 | SEAL, VALVE STEM | 3 | | | | | | | |
| 20 | 1 | 22351-060012 | PIN, SPRING 6.0X12 | 2 | | | | | | | |
| 21 | 1 | 119717-11200 | SUPPORT ASSY, ROCKER | 1 | | | | | | | |
| 22 | 2 | 119717-11240 | SHAFT ASSY, ARM | 1 | | | | | | | |
| 25 | 2 | 119717-11260 | SUPPORT, ROCKER ARM | 3 | | | | | | | |
| 26 | 2 | 119620-11280 | SPRING, SHAFT | 2 | | | | | | | |
| 27 | 2 | 119717-11650 | ARM ASSY, ROCKER INT | 6 | | | | | | | |
| 28 | 3 | 129150-11230 | SCREW, VALVE ADJUST | 6 | | | | | | | |
| 30 | 3 | 129150-11750 | NUT, M8XP1.0 | 6 | | | | | | | |
| 31 | 2 | 22242-000120 | RING, 12 | 2 | | | | | | | |
| 32 | 2 | 26979-050162 | SCREW, M5X16 | 1 | | | | | | | |
| 33 | 1 | 26106-080402 | BOLT, M8X 40 PLATED | 3 | | | | | | | |
| 34 | 1 | 124160-01751 | CAP, FILLER | 1 | | | | | | | |
| 35 | 1 | 119717-11381 | BONNET ASSY, HEAD | 1 | | | | | | | |
| 36 | 2 | 119717-03031 | PLATE, BAFFLE | 1 | | | | | | | |
| 37 | 3 | 119717-03070 | BAFFLE, BREATHER | 1 | | | | | | | |
| 38 | 2 | 119717-03070 | BAFFLE, BREATHER | 2 | | | | | | | |
| 39 | 2 | 119802-03100 | DIAPHRAGM ASSY | 1 | | | | | | | |
| 40 | 3 | 119802-03110 | PLATE, DIAPHRAGM | 1 | | | | | | | |
| 41 | 3 | 119802-03121 | COVER, DIAPHRAGM | 1 | | | | | | | |
| 42 | 3 | 119802-03131 | DIAPHRAGM, BREATHER | 1 | | | | | | | |
| 43 | 3 | 119802-03141 | SPRING, DIAPHRAGM | 1 | | | | | | | |
| 45 | 2 | 119718-11310 | GASKET, BONNET | 1 | | | | | | | |
| 46 | 2 | 119717-11320 | COVER, BONNET | 1 | | | | | | | |
| 47 | 2 | 119717-11331 | GASKET, BONNET COVER | 1 | | | | | | | |
| 48 | 2 | 22857-500100 | SCREW, 5X10 | 4 | | | | | | | |
| 49 | 2 | 22857-500100 | SCREW, 5X10 | 4 | | | | | | | |
| 50 | 2 | 22857-500160 | SCREW, 5X16 | 2 | | | | | | | |
| 51 | 1 | 24311-000320 | O-RING, 1AP32.0 | 1 | | | | | | | |
| 52 | 1 | 26106-060202 | BOLT, M6X 20 PLATED | 3 | | | | | | | |
| 53 | 1 | 26106-060752 | BOLT, M6X 75 PLATED | 6 | | | | | | | |
| 54 | 1 | 129900-07900 | LIFTER, ENGINE | 1 | | | | | | | |
| 55 | 1 | 26106-080162 | BOLT, M8X 16 PLATED | 2 | | | | | | | |
| 56 | 1 | 119717-77801 | PLUG, GLOW | 3 | | | | | | | |
| 57 | 1 | 119717-77820 | CONNECTOR, GLOW PLUG | 1 | | | | | | | |
| 58 | 1 | 119717-11800 | GUIDE, VALVE | 6 | | | | | | | 1 |

Remarks
(1)Spare parts.

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

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# Fig.5. EXHAUST MANIFOLD



(A)=3TNV80F-NGGEHR
(B)=
(C)=
(D)=
(E)=
(F)=

| No. | Lev. | Parts No. | Description | Q'ty (A) | (B) | (C) | (D) | (E) | (F) | I | R |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1 | 119717-13109 | MANIFOLD, EXHAUST | 1 | | | | | | | |
| 2 | 1 | 119717-13110 | GASKET, MANIFOLD | 1 | | | | | | | |
| 3 | 1 | 119717-13600 | STUD, M8X50 | 2 | | | | | | | |
| 4 | 1 | 129E00-13610 | BOLT, M8X50 10.9 | 4 | | | | | | | |
| 5 | 1 | 119131-18320 | STUD, M8X22 | 4 | | | | | | | |
| 6 | 1 | 26306-080002 | NUT, M8 | 2 | | | | | | | |

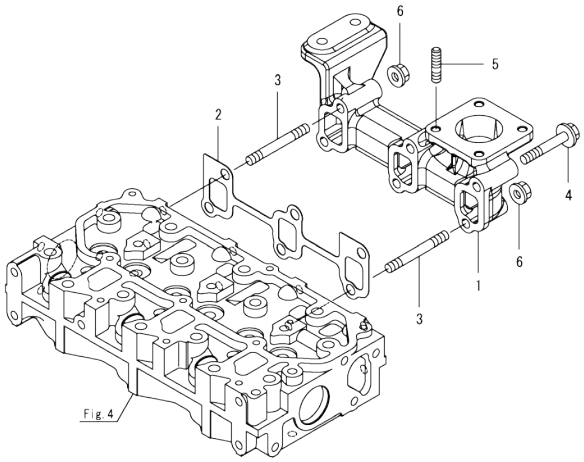

Fig.4

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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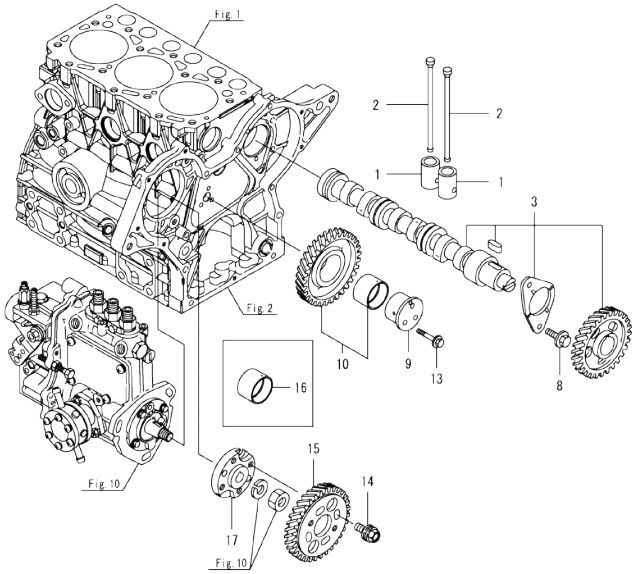
# Fig.6. CAMSHAFT & DRIVING GEAR



(A)=3TNV80F-NGGEHR
(B)=
(C)=
(D)=
(E)=
(F)=

| No. | Lev. | Parts No. | Description | Q'ty (A) | (B) | (C) | (D) | (E) | (F) | I | R |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1 | 119620-14200 | TAPPET | 6 | | | | | | | |
| 2 | 1 | 119717-14400 | ROD, PUSH | 6 | | | | | | | |
| 3 | 1 | 119717-14581 | CAMSHAFT ASSY | 1 | | | | | | | |
| 8 | 1 | 26106-060122 | BOLT, M6X 12 PLATED | 2 | | | | | | | |
| 9 | 1 | 119717-25050 | SHAFT, IDLE GEAR | 1 | | | | | | | |
| 10 | 1 | 119717-25101 | GEAR ASSY, IDLE | 1 | | | | | | | |
| 13 | 1 | 26106-060352 | BOLT, M6X 35 PLATED | 3 | | | | | | | |
| 14 | 1 | 129150-25301 | BOLT, INJECTION PUMP | 4 | | | | | | | |
| 15 | 1 | 119717-25930 | GEAR, PUMP | 1 | | | | | | | |
| 16 | 1 | 119717-25911 | BUSH, IDLE GEAR | 1 | | | | | | | 1 |
| 17 | 1 | 119717-51150 | FLANGE, CAMSHAFT | 1 | | | | | | | |




Remarks
(1)Spare parts.

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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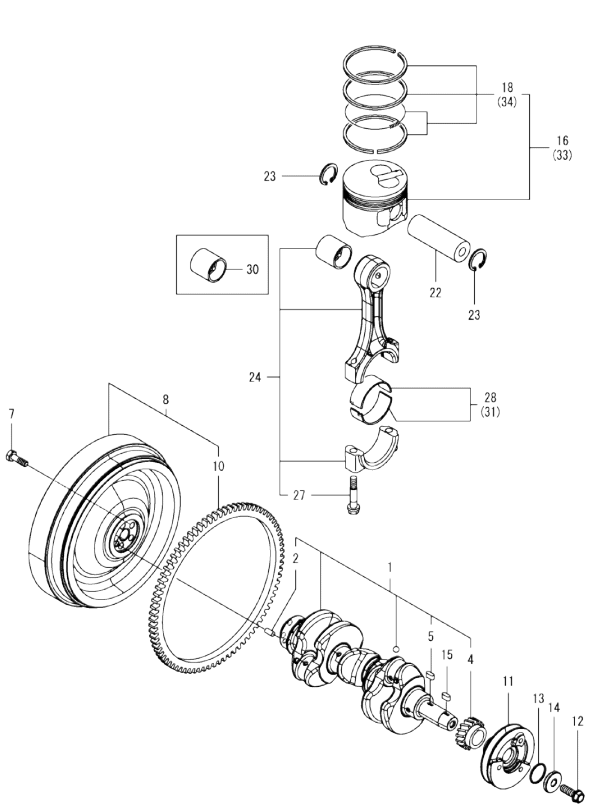
# Fig.7. CRANKSHAFT & PISTON



(A)=3TNV80F-NGGEHR
(B)=
(C)=
(D)=
(E)=
(F)=




| No. | Lev. | Parts No. | Description | Q'ty (A) | (B) | (C) | (D) | (E) | (F) | I | R |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1 | 119E10-21700 | CRANKSHAFT ASSY | 1 | | | | | | | |
| 2 | 2 | 129100-01580 | PIN, PARALLEL 8X16 | 1 | | | | | | | |
| 4 | 2 | 119717-21200 | GEAR, CRANKSHAFT | 1 | | | | | | | |
| 5 | 2 | 22512-040120 | KEY, 4X 12 | 1 | | | | | | | |
| 7 | 1 | 121111-21501 | BOLT, FLYWHEEL | 5 | | | | | | | |
| 8 | 1 | 119E17-21570 | FLYWHEEL ASSY | 1 | | | | | | | |
| 10 | 2 | 119865-21600 | GEAR, RING Z=116 | 1 | | | | | | | |
| 11 | 1 | 119C10-21650 | V-PULLEY, CRANKSHAFT | 1 | | | | | | | |
| 12 | 1 | 119621-21681 | BOLT, FLANGE 12X1.25 | 1 | | | | | | | |
| 13 | 1 | 119C10-21931 | PACKING, WASHER | 1 | | | | | | | |
| 14 | 1 | 119C10-21940 | WASHER, V-PULLEY | 1 | | | | | | | |
| 15 | 1 | 22512-040120 | KEY, 4X 12 | 1 | | | | | | | |
| 16 | 1 | 119E11-22080 | PISTON ASSY | 3 | | | | | | | |
| 18 | 2 | 119E10-22500 | RING SET, PISTON | 3 | | | | | | | |
| 22 | 1 | 119E10-22300 | PIN, PISTON | 3 | | | | | | | |
| 23 | 1 | 22252-000220 | RING, 22 | 6 | | | | | | | |
| 24 | 1 | 119E10-23001 | ROD ASSY, CONNECTING | 3 | | | | | | | |
| 27 | 2 | 119717-23200 | BOLT, CONNECTING ROD | 6 | | | | | | | |
| 28 | 1 | 119717-23601 | METAL ASSY,CRANK PIN | 3 | | | | | | | |
| 30 | 1 | 119717-23910 | METAL, PISTON PIN | 3 | | | | | | | 1 |
| 31 | 1 | 119717-23611 | METAL ASSY, PIN .25 | 3 | | | | | | | 2 |
| 33 | 1 | 119E11-22900 | PISTON ASSY, 0.25 OS | 3 | | | | | | | 3 |
| 34 | 2 | 119E10-22550 | RING SET, PISTON .25 | 3 | | | | | | | 3 |

Remarks
(1)Spare parts.
(2)Over-sized(O.S.=0.25) parts.
(3)Under-sized(U.S.=0.25) parts.

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

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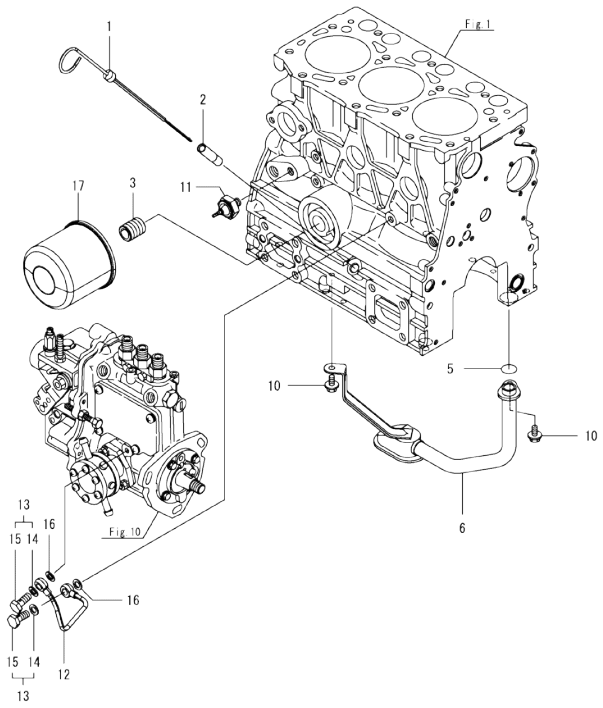
# Fig.8. LUB. OIL SYSTEM



(A)=3TNV80F-NGGEHR
(B)=
(C)=
(D)=
(E)=
(F)=




| No. | Lev. | Parts No. | Description | Q'ty (A) | (B) | (C) | (D) | (E) | (F) | I | R |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1 | 119717-34801 | DIPSTICK, OIL | 1 | | | | | | | |
| 2 | 1 | 121520-34810 | GUIDE, DIPSTICK | 1 | | | | | | | |
| 3 | 1 | 119717-35140 | STUD | 1 | | | | | | | |
| 5 | 1 | 119717-32060 | O-RING, P15.0 | 1 | | | | | | | |
| 6 | 1 | 119717-35080 | PIPE ASSY, OIL INLET | 1 | | | | | | | |
| 10 | 1 | 26106-060102 | BOLT, M6X 10 PLATED | 2 | | | | | | | |
| 11 | 1 | 114250-39450 | SWITCH, HYDRAULIC | 1 | | | | | | | |
| 12 | 1 | 119717-39210 | PIPE, PUMP | 1 | | | | | | | |
| 13 | 1 | 129005-59830 | BOLT ASSY, JOINT M8 | 2 | | | | | | | |
| 14 | 2 | 22190-080002 | WASHER, SEAL 8 | 2 | | | | | | | |
| 15 | 2 | 23857-030000 | BOLT, JOINT 3 | 2 | | | | | | | |
| 16 | 1 | 22190-080002 | WASHER, SEAL 8 | 2 | | | | | | | |
| 17 | 1 | 119305-35151 | FILTER ASSY, D68XL65 | 1 | | | | | | | 1 |

Remarks
(1)Spare parts.

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

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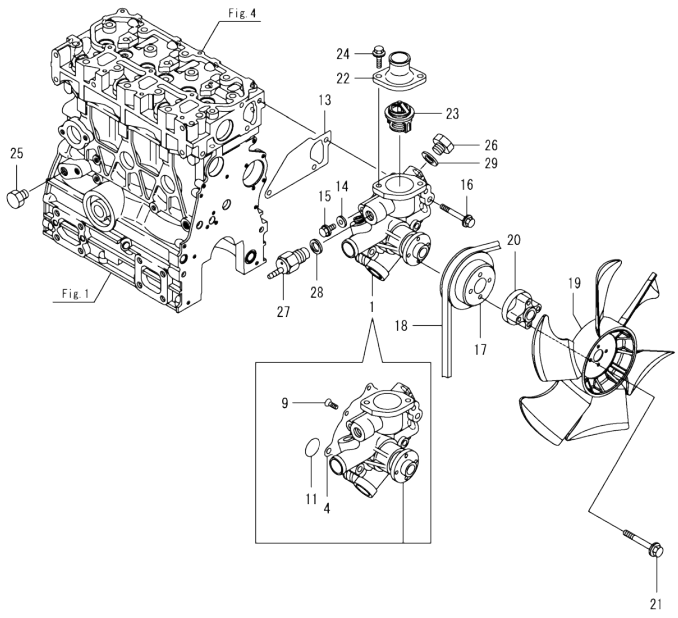
# Fig.9. COOLING WATER SYSTEM



(A)=3TNV80F-NGGEHR
(B)=
(C)=
(D)=
(E)=
(F)=




| No. | Lev. | Parts No. | Description | Q'ty (A) | (B) | (C) | (D) | (E) | (F) | I | R |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1 | 119E10-42001 | PUMP ASSY, CW | 1 | | | | | | | |
| 4 | 2 | 119717-42031 | GASKET, WATER PUMP | 1 | | | | | | | |
| 9 | 2 | 26577-060122 | SCREW, M6X12 | 4 | | | | | | | |
| 11 | 2 | 119C10-42320 | O-RING, 2028 | 1 | | | | | | | |
| 13 | 1 | 119717-42020 | GASKET, WATER PUMP | 1 | | | | | | | |
| 14 | 1 | 23414-080000 | GASKET, 8X1.0 | 1 | | | | | | | |
| 15 | 1 | 26106-080122 | BOLT, M8X 12 PLATED | 1 | | | | | | | |
| 16 | 1 | 26106-080502 | BOLT, M8X 50 PLATED | 3 | | | | | | | |
| 17 | 1 | 119717-42350 | V-PULLEY, PUMP D=100 | 1 | | | | | | | |
| 18 | 1 | 25132-003600 | V-BELT, A36 | 1 | | | | | | | |
| 19 | 1 | 129030-44740 | FAN, COOLING D360XUG | 1 | | | | | | | |
| 20 | 1 | 129457-44760 | SPACER, FAN | 1 | | | | | | | |
| 21 | 1 | 26106-060452 | BOLT, M6X 45 PLATED | 4 | | | | | | | |
| 22 | 1 | 129350-49530 | COVER, THERMOSTAT | 1 | | | | | | | |
| 23 | 1 | 119717-49800 | THERMOSTAT, 71C | 1 | | | | | | | |
| 24 | 1 | 26106-080202 | BOLT, M8X 20 PLATED | 2 | | | | | | | |
| 25 | 1 | 171056-49120 | PLUG, DRAIN R1/4 | 1 | | | | | | | |
| 26 | 1 | 121450-42450 | PLUG, M16 | 1 | | | | | | | |
| 27 | 1 | 121250-44901 | SWITCH, TEMPERATURE | 1 | | | | | | | |
| 28 | 1 | 124465-44950 | GASKET, 16 | 1 | | | | | | | |
| 29 | 1 | 124465-44950 | GASKET, 16 | 1 | | | | | | | |

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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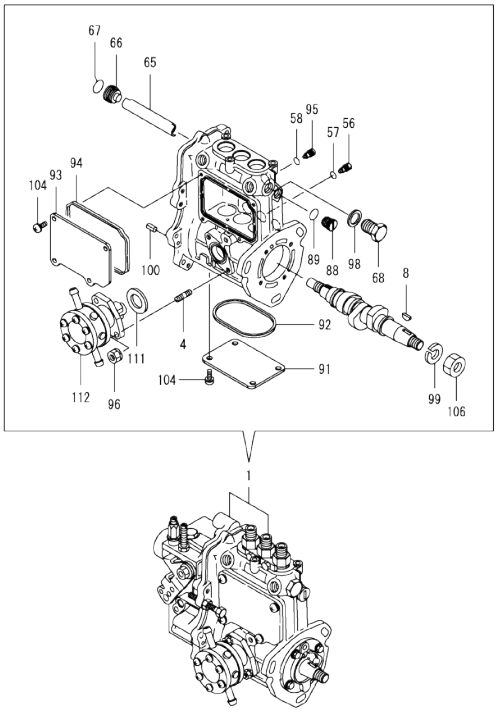
# Fig.10. FUEL INJECTION PUMP



(A)=3TNV80F-NGGEHR
(B)=
(C)=
(D)=
(E)=
(F)=




| No. | Lev. | Parts No. | Description | Q'ty (A) | (B) | (C) | (D) | (E) | (F) | I | R |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1 | 719E46-51300 | FIE ASSY | 1 | | | | | | | 1 |
| 4 | 2 | 129155-51020 | STUD | 2 | | | | | | | |
| 8 | 2 | 122710-51090 | KEY, FEATHER | 1 | | | | | | | |
| 56 | 2 | 158600-51270 | STOPPER, TAPPET | 3 | | | | | | | |
| 57 | 2 | 129155-51280 | O-RING, S6 | 3 | | | | | | | |
| 58 | 2 | 129155-51280 | O-RING, S6 | 1 | | | | | | | |
| 65 | 2 | 129155-51400 | PROTECTOR | 1 | | | | | | | |
| 66 | 2 | 158600-51410 | PLUG, DEFLIFTER M12 | 1 | | | | | | | |
| 67 | 2 | 119717-51420 | O-RING | 1 | | | | | | | |
| 68 | 2 | 158600-51420 | PLUG, DEFLIFTER M16 | 1 | | | | | | | |
| 88 | 2 | 158600-51570 | PLUG, RACK | 1 | | | | | | | |
| 89 | 2 | 129155-51580 | O-RING | 1 | | | | | | | |
| 91 | 2 | 129155-51701 | COVER, PUMP BOTTOM | 1 | | | | | | | |
| 92 | 2 | 119717-51711 | GASKET, PUMP | 1 | | | | | | | |
| 93 | 2 | 119717-51750 | COVER, BODY SIDE | 1 | | | | | | | |
| 94 | 2 | 119717-51761 | GASKET, PUMP COVER | 1 | | | | | | | |
| 95 | 2 | 158600-51790 | STOPPER, RACK | 1 | | | | | | | |
| 96 | 2 | 119717-51860 | NUT, M6 | 2 | | | | | | | |
| 98 | 2 | 22190-160002 | WASHER, SEAL 16 | 1 | | | | | | | |
| 99 | 2 | 22217-120000 | WASHER, SPRING 12 | 1 | | | | | | | |
| 100 | 2 | 22351-050010 | PIN, SPRING 5.0X10 | 2 | | | | | | | |
| 104 | 2 | 26022-050122 | SCREW, M5X12 | 8 | | | | | | | |
| 106 | 2 | 26716-120002 | NUT, M12 | 1 | | | | | | | |
| 111 | 2 | 129155-52051 | GASKET, PUMP COVER | 1 | | | | | | | |
| 112 | 2 | 129100-52101 | PUMP ASSY, FUEL FEED | 1 | | | | | | | |

Remarks
(1)Governor(Fig.11) is incorporated in this Fuel Injection Pump(No.1).

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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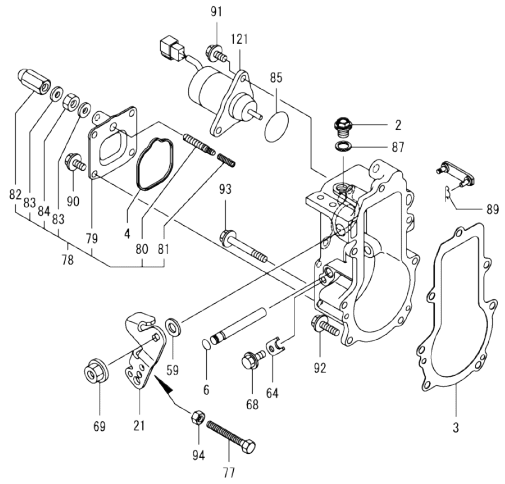
# Fig.11. GOVERNOR



(A)=3TNV80F-NGGEHR
(B)=
(C)=
(D)=
(E)=
(F)=




| No. | Lev. | Parts No. | Description | Q'ty (A) | (B) | (C) | (D) | (E) | (F) | I | R |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 2 | 2 | 119717-51930 | PLUG, M10 | 1 | | | | | | | |
| 3 | 2 | 119717-61050 | GASKET, CASE | 1 | | | | | | | |
| 4 | 2 | 119717-61070 | GASKET, COVER | 1 | | | | | | | |
| 6 | 2 | 129155-51280 | O-RING, S6 | 1 | | | | | | | |
| 21 | 2 | 119746-61440 | LEVER, CONTROL | 1 | | | | | | | |
| 59 | 2 | 158552-61700 | SHIM SET | 1 | | | | | | | |
| 64 | 2 | 119660-61901 | STOPPER, SHAFT | 1 | | | | | | | |
| 68 | 2 | 26106-060102 | BOLT, M6X 10 PLATED | 1 | | | | | | | |
| 69 | 2 | 26366-080002 | NUT, M8 | 1 | | | | | | | |
| 77 | 2 | 129155-61461 | BOLT,IDLE LIMIT | 1 | | | | | | | |
| 78 | 2 | 119746-61600 | COVER ASSY, IDLE SUB | 1 | | | | | | | |
| 79 | 3 | 119746-61060 | COVER, GOVERNOR CASE | 1 | | | | | | | |
| 80 | 3 | 119645-61070 | SCREW, ADJUSTER | 1 | | | | | | | |
| 81 | 3 | 119746-61080 | SPRING, IDLE SUB | 1 | | | | | | | |
| 82 | 3 | 119600-66840 | NUT, CAP | 1 | | | | | | | |
| 83 | 3 | 22190-060003 | SEAL WASER 6 | 2 | | | | | | | |
| 84 | 3 | 26756-060002 | NUT, LOCK M6 | 1 | | | | | | | |
| 85 | 2 | 158552-61900 | O-RING | 1 | | | | | | | |
| 87 | 2 | 22190-100002 | WASHER, SEAL 10 | 1 | | | | | | | |
| 89 | 2 | 22372-040000 | PIN, SNAP 4 | 1 | | | | | | | |
| 90 | 2 | 26106-060102 | BOLT, M6X 10 PLATED | 4 | | | | | | | |
| 91 | 2 | 26106-060142 | BOLT, M6X 14 PLATED | 2 | | | | | | | |
| 92 | 2 | 26106-060202 | BOLT, M6X 20 PLATED | 4 | | | | | | | |
| 93 | 2 | 26106-060452 | BOLT, M6X 45 PLATED | 3 | | | | | | | |
| 94 | 2 | 119740-61470 | NUT | 1 | | | | | | | |
| 121 | 2 | 129630-77910 | SOLENOID, STOP | 1 | | | | | | | |

Remarks
* This figure(Governor) is incorporated in the Fuel Injection Pump(Fig.10).

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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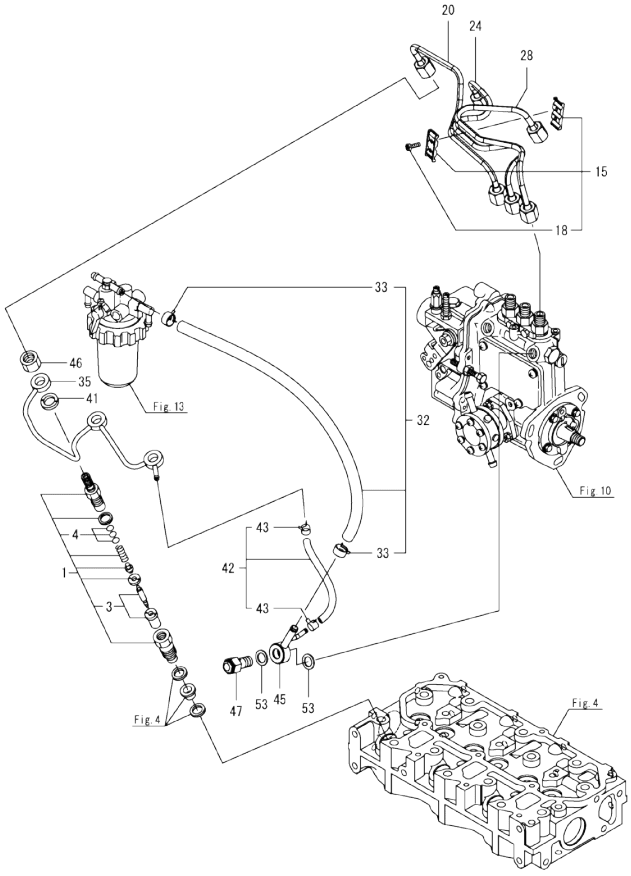
# Fig.12. FUEL INJECTION VALVE



(A)=3TNV80F-NGGEHR
(B)=
(C)=
(D)=
(E)=
(F)=




| No. | Lev. | Parts No. | Description | Q'ty (A) | (B) | (C) | (D) | (E) | (F) | I | R |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1 | 119517-53001 | VALVE ASSY,INJECTION | 3 | | | | | | | |
| 3 | 2 | 119517-53010 | VALVE ASSY,INJECTION | 3 | | | | | | | |
| 4 | 2 | 129901-53800 | SHIM SET, ADJUSTING | 3 | | | | | | | 1 |
| 15 | 1 | 129150-59120 | RETAINER, PIPE | 1 | | | | | | | |
| 18 | 2 | 129150-59131 | BOLT, M4X14 | 2 | | | | | | | |
| 20 | 1 | 119E10-59810 | PIPE ASSY, INJECTION | 1 | | | | | | | |
| 24 | 1 | 119E10-59820 | PIPE, INJECTION NO.2 | 1 | | | | | | | |
| 28 | 1 | 119E10-59830 | PIPE, INJECTION NO.3 | 1 | | | | | | | |
| 32 | 1 | 129210-59170 | HOSE ASSY, FUEL L440 | 1 | | | | | | | |
| 33 | 2 | 124766-59050 | CLAMP, HOSE 11.5 | 2 | | | | | | | |
| 35 | 1 | 119717-59510 | PIPE ASSY, RETURN | 1 | | | | | | | |
| 41 | 1 | 129901-59560 | GASKET, FUEL RETURN | 3 | | | | | | | |
| 42 | 1 | 119540-59570 | HOSE ASSY, RETURN | 1 | | | | | | | |
| 43 | 2 | 124066-59100 | CLAMP, HOSE 8 | 2 | | | | | | | |
| 45 | 1 | 119840-59570 | JOINT, OVERFLOW | 1 | | | | | | | |
| 46 | 1 | 119620-59700 | NUT, NOZZLE RETURN | 3 | | | | | | | |
| 47 | 1 | 119813-59950 | VALVE ASSY, CHECK | 1 | | | | | | | |
| 53 | 1 | 22190-120002 | WASHER, SEAL 12 | 2 | | | | | | | |

Remarks
(1)Spare parts.

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

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# Fig.13. FUEL PIPE



(A)=3TNV80F-NGGEHR
(B)=
(C)=
(D)=
(E)=
(F)=

| No. | Lev. | Parts No. | Description | Q'ty (A) | (B) | (C) | (D) | (E) | (F) | I | R |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1 | 119833-55621 | FILTER ASSY, FUEL | 1 | | | | | | | |
| 2 | 2 | 104200-55330 | SPRING, FUEL VALVE | 1 | | | | | | | |
| 3 | 2 | 119810-55340 | LEVER, FUEL | 1 | | | | | | | |
| 4 | 2 | 121254-55510 | CUP, FUEL STARINER | 1 | | | | | | | |
| 5 | 2 | 102103-55520 | O-RING, FILTER | 1 | | | | | | | |
| 6 | 2 | 110250-55610 | RING, CUP RETAINING | 1 | | | | | | | |
| 7 | 2 | 121250-55620 | SPRING, ELEMENT | 1 | | | | | | | |
| 8 | 2 | 119810-55650 | ELEMENT, FUEL FILTER | 1 | | | | | | | |
| 9 | 2 | 104200-55750 | SCREW, M4 | 1 | | | | | | | |
| 10 | 2 | 24311-240100 | O-RING, 1AP10A | 1 | | | | | | | |
| 11 | 1 | 119717-55650 | BRACKET, FILTER | 1 | | | | | | | |
| 12 | 1 | 26014-080702 | BOLT, M8X 70 | 1 | | | | | | | |
| 13 | 1 | 26106-080162 | BOLT, M8X 16 PLATED | 2 | | | | | | | |
| 14 | 1 | 103854-39140 | BOLT, PIPE JOINT | 1 | | | | | | | |
| 15 | 1 | 101304-59020 | JOINT, PIPE 12 | 1 | | | | | | | |
| 16 | 1 | 129210-59080 | HOSE ASSY, FUEL L270 | 1 | | | | | | | |
| 17 | 2 | 124766-59050 | CLAMP, HOSE 11.5 | 2 | | | | | | | |
| 18 | 2 | 129136-59110 | HOSE, D13/7.5X270 | 1 | | | | | | | |
| 19 | 1 | 129210-59170 | HOSE ASSY, FUEL L440 | 1 | | | | | | | |
| 20 | 2 | 124766-59050 | CLAMP, HOSE 11.5 | 2 | | | | | | | |
| 21 | 2 | 105225-59511 | HOSE, FUEL | 1 | | | | | | | |
| 22 | 1 | 22190-120002 | WASHER, SEAL 12 | 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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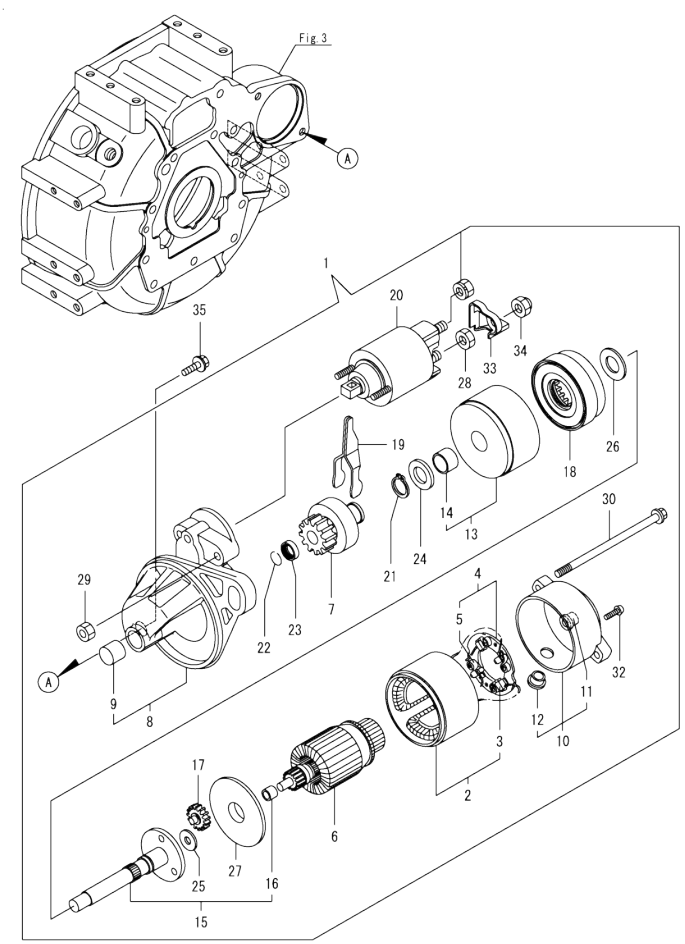
# Fig.14. STARTER MOTOR



(A)=3TNV80F-NGGEHR
(B)=
(C)=
(D)=
(E)=
(F)=




| No. | Lev. | Parts No. | Description | Q'ty (A) | (B) | (C) | (D) | (E) | (F) | I | R |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1 | 119717-77010 | STARTER, P1.1 | 1 | | | | | | | |
| 2 | 2 | X0281007750 | YOKE ASSY | 1 | | | | | | | |
| 3 | 3 | X0280996180 | STARTER KIT | 2 | | | | | | | |
| 4 | 2 | X0285105190 | HOLDER ASSY | 1 | | | | | | | |
| 5 | 3 | X0285205030 | SPRING | 4 | | | | | | | |
| 6 | 2 | X0282005991 | ARMATURE ASSY | 1 | | | | | | | |
| 7 | 2 | X0283006960 | CLUTCH | 1 | | | | | | | |
| 8 | 2 | X4284001590 | HOUSING ASSY | 1 | | | | | | | |
| 9 | 3 | X9491050100 | BEARING, NEEDLE | 1 | | | | | | | |
| 10 | 2 | X0285007030 | FRAME ASSY | 1 | | | | | | | |
| 11 | 3 | X9491040990 | BEARING | 1 | | | | | | | |
| 12 | 3 | X0280626010 | COVER | 1 | | | | | | | |
| 13 | 2 | X0284105040 | BEARING ASSY, SUB | 1 | | | | | | | |
| 14 | 3 | X9491034330 | BEARING | 1 | | | | | | | |
| 15 | 2 | X0286105010 | SHAFT ASSY, SUB | 1 | | | | | | | |
| 16 | 3 | X9491034320 | BEARING | 1 | | | | | | | |
| 17 | 2 | X0286305010 | GEAR | 3 | | | | | | | |
| 18 | 2 | X0286355010 | GEAR | 1 | | | | | | | |
| 19 | 2 | X0287405140 | LEVER | 1 | | | | | | | |
| 20 | 2 | X2534000090 | SWITCH ASSY | 1 | | | | | | | |
| 21 | 2 | X9055715000 | RING | 1 | | | | | | | |
| 22 | 2 | X9490721360 | RING | 1 | | | | | | | |
| 23 | 2 | X0280210331 | NUT | 1 | | | | | | | |
| 24 | 2 | X9490138110 | WASHER | 1 | | | | | | | |
| 25 | 2 | X9490138090 | WASHER | 1 | | | | | | | |
| 26 | 2 | X9490138100 | WASHER | 1 | | | | | | | |
| 27 | 2 | X0284525010 | PLATE | 1 | | | | | | | |
| 28 | 2 | X9490562360 | NUT | 1 | | | | | | | |
| 29 | 2 | X9490560750 | NUT | 2 | | | | | | | |
| 30 | 2 | X9490423420 | BOLT, THROUGH | 2 | | | | | | | |
| 32 | 2 | X9490065670 | SCREW, M4X6 | 2 | | | | | | | |
| 33 | 2 | X1280330020 | COVER, TERMINAL | 1 | | | | | | | |
| 34 | 2 | X1289510130 | NUT | 1 | | | | | | | |
| 35 | 1 | 26106-100252 | BOLT, M10X 25 PLATED | 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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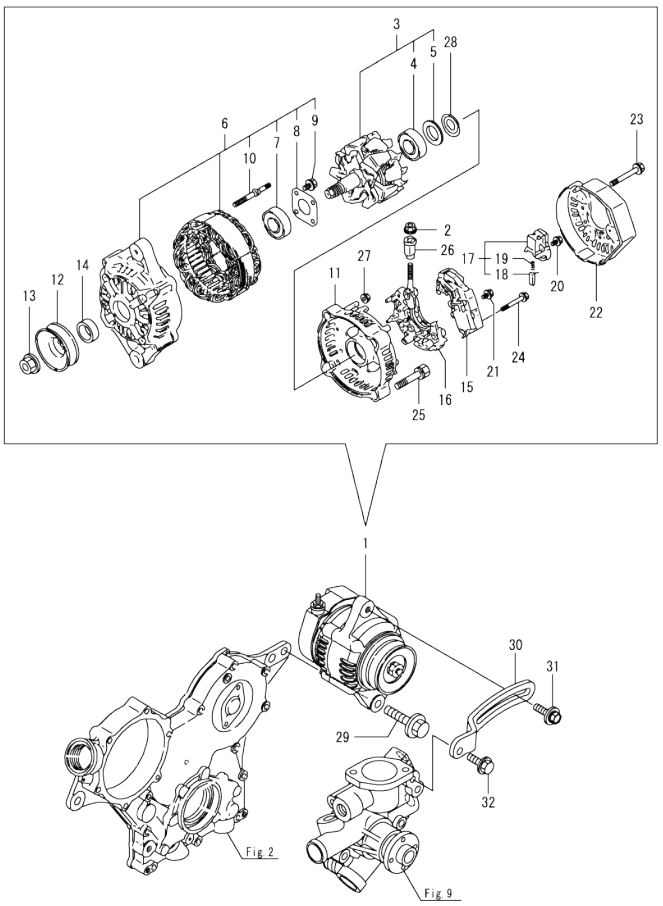
# Fig.15. GENERATOR



(A)=3TNV80F-NGGEHR
(B)=
(C)=
(D)=
(E)=
(F)=




| No. | Lev. | Parts No. | Description | Q'ty (A) | (B) | (C) | (D) | (E) | (F) | I | R |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1 | 129423-77210 | ALTERNATOR, 12V-40A | 1 | | | | | | | |
| 2 | 2 | X9490561001 | NUT | 1 | | | | | | | |
| 3 | 2 | 119620-77380 | ROTOR ASSY | 1 | | | | | | | |
| 4 | 3 | 123501-79240 | BEARING, BALL | 1 | | | | | | | |
| 5 | 3 | 119620-79250 | COVER, BEARING | 1 | | | | | | | |
| 6 | 2 | 119620-77421 | FRAME ASSY, DRIVE | 1 | | | | | | | |
| 7 | 3 | 119620-79200 | BEARING, BALL | 1 | | | | | | | |
| 8 | 3 | 119620-79210 | PLATE, RETAINER | 1 | | | | | | | |
| 9 | 3 | 119620-79220 | SCREW | 4 | | | | | | | |
| 10 | 3 | 119620-79230 | STUD | 2 | | | | | | | |
| 11 | 2 | 119620-77440 | FRAME ASSY, REAR | 1 | | | | | | | |
| 12 | 2 | 119620-77461 | PULLEY, GENERATOR | 1 | | | | | | | |
| 13 | 2 | 119620-77471 | NUT | 1 | | | | | | | |
| 14 | 2 | 119620-77490 | COLLAR | 1 | | | | | | | |
| 15 | 2 | 129423-77720 | REGULATOR ASSY | 1 | | | | | | | |
| 16 | 2 | 119620-79260 | HOLDER ASSY | 1 | | | | | | | |
| 17 | 2 | 129052-79270 | HOLDER ASSY, BRUSH | 1 | | | | | | | |
| 18 | 3 | 119620-77480 | BRUSH ASSY, SUB | 2 | | | | | | | |
| 19 | 3 | 119620-79280 | SPRING | 2 | | | | | | | |
| 20 | 2 | 119620-79290 | SCREW | 6 | | | | | | | |
| 21 | 2 | 119620-79300 | SCREW | 1 | | | | | | | |
| 22 | 2 | 129240-79300 | COVER | 1 | | | | | | | |
| 23 | 2 | 119620-79310 | BOLT | 3 | | | | | | | |
| 24 | 2 | 119620-79320 | SCREW, W/WASHER | 2 | | | | | | | |
| 25 | 2 | 119620-79330 | BOLT | 2 | | | | | | | |
| 26 | 2 | 119620-79340 | BUSH, INSULATION | 1 | | | | | | | |
| 27 | 2 | 119620-79350 | NUT | 2 | | | | | | | |
| 28 | 2 | 119620-79360 | WASHER, THRUST | 1 | | | | | | | |
| 29 | 1 | 26106-100452 | BOLT, M10X 45 PLATED | 1 | | | | | | | |
| 30 | 1 | 119717-77330 | ADJUSTER, BELT | 1 | | | | | | | |
| 31 | 1 | 119810-77340 | BOLT, ADJUSTER L=30 | 1 | | | | | | | |
| 32 | 1 | 26106-080202 | BOLT, M8X 20 PLATED | 1 | | | | | | | |

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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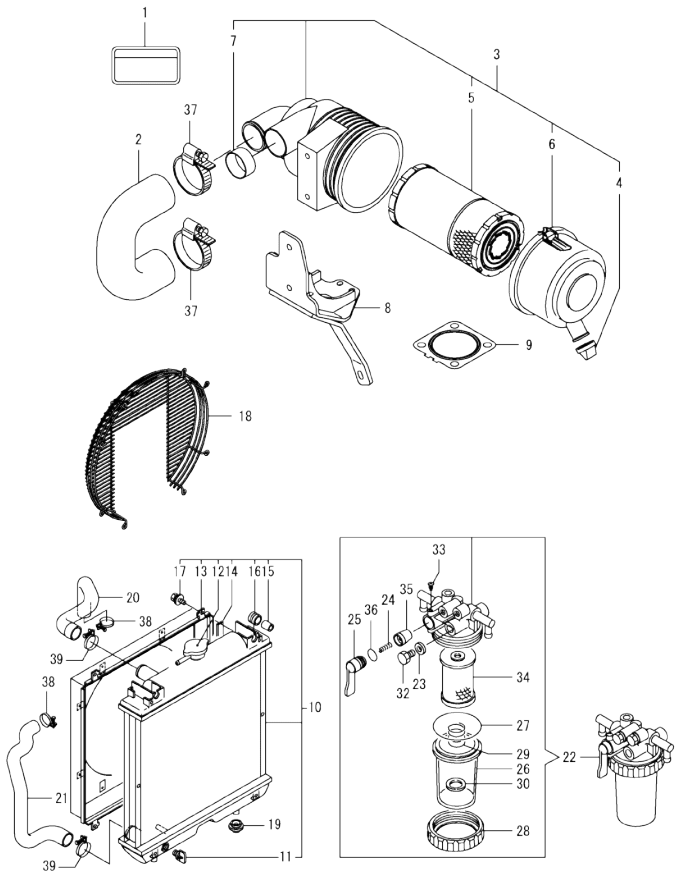
# Fig.16. ACCESSORY



(A)=3TNV80F-NGGEHR (D)=
(B)= (E)=
(C)= (F)=




| No. | Lev. | Parts No. | Description | Q'ty (A) | (B) | (C) | (D) | (E) | (F) | I | R |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1 | 114110-07761 | LABEL, FUEL CAUTION | 1 | | | | | | | |
| 2 | 1 | 119761-12020 | HOSE, AIR INTAKE | 1 | | | | | | | |
| 3 | 1 | 119515-12501 | CLEANER ASSY, AIR | 1 | | | | | | | |
| 4 | 2 | 119808-12540 | VALVE, UNLODER | 1 | | | | | | | |
| 5 | 2 | 119655-12560 | ELEMENT, AIR CLEANER | 1 | | | | | | | |
| 6 | 2 | 119336-12570 | COVER ASSY, CLEANER | 1 | | | | | | | |
| 7 | 2 | 105027-12580 | RING, VALVE | 1 | | | | | | | |
| 8 | 1 | 119761-12540 | SUPPORT, CLEANER | 1 | | | | | | | |
| 9 | 1 | 119515-13200 | GASKET, SILENCER | 1 | | | | | | | |
| 10 | 1 | 129044-44500 | RADIATOR ASSY | 1 | | | | | | | |
| 11 | 2 | 129508-44550 | COCK ASSY | 1 | | | | | | | |
| 12 | 2 | 129107-44590 | CAP, RADIATOR | 1 | | | | | | | |
| 13 | 2 | 129044-44600 | SHROUD | 1 | | | | | | | |
| 14 | 2 | 129601-44610 | GASKET | 2 | | | | | | | |
| 15 | 2 | 118400-44670 | COLLAR, MOUNT RUBBER | 2 | | | | | | | |
| 16 | 2 | 118400-44720 | MOUNT, RUBBER D | 2 | | | | | | | |
| 17 | 2 | 26014-060122 | BOLT, M6X 12 | 4 | | | | | | | |
| 18 | 1 | 129601-44560 | GUARD, FAN | 1 | | | | | | | |
| 19 | 1 | 119255-44660 | RUBBER, RADIATOR | 2 | | | | | | | |
| 20 | 1 | 129602-49010 | HOSE, WATER A | 1 | | | | | | | |
| 21 | 1 | 129612-49040 | HOSE, WATER B | 1 | | | | | | | |
| 22 | 1 | 129335-55701 | SEPARATOR ASSY,WATER | 1 | | | | | | | |
| 23 | 2 | 104200-55321 | VALVE, TAPER | 1 | | | | | | | |
| 24 | 2 | 104200-55330 | SPRING, FUEL VALVE | 1 | | | | | | | |
| 25 | 2 | 104200-55341 | HANDLE, COCK | 1 | | | | | | | |
| 26 | 2 | 124064-55510 | CUP, FUEL STARINER | 1 | | | | | | | |
| 27 | 2 | 102103-55520 | O-RING, FILTER | 1 | | | | | | | |
| 28 | 2 | 110250-55610 | RING, CUP RETAINING | 1 | | | | | | | |
| 29 | 2 | 121257-55720 | SPRING, ELEMENT | 1 | | | | | | | |
| 30 | 2 | 121257-55731 | FLOAT | 1 | | | | | | | |
| 32 | 2 | 101720-55750 | PLUG, HEXAGON M6 | 2 | | | | | | | |
| 33 | 2 | 104200-55750 | SCREW, M4 | 1 | | | | | | | |
| 34 | 2 | 171081-55910 | FILTER, FUEL 100M | 1 | | | | | | | |
| 35 | 2 | 23418-060000 | GASKET, 6X1.0 | 2 | | | | | | | |
| 36 | 2 | 24311-240100 | O-RING, 1AP10A | 1 | | | | | | | |
| 37 | 1 | 23000-054000 | CLAMP, 54 | 2 | | | | | | | |
| 38 | 1 | 23010-038000 | CLAMP, 38 | 2 | | | | | | | |
| 39 | 1 | 23010-044000 | CLAMP, 44 | 2 | | | | | | | |

N:Old $\overset{\text{Yes}}{\leftarrow\!\rightarrow}$ New. Q:Old $\overset{\text{No}}{\leftarrow\!\rightarrow}$ New. R:Old $\overset{\text{Yes}}{\leftarrow\!\rightarrow}$ New. S:Old $\overset{\text{No}}{\leftarrow\!\rightarrow}$ New. W:Add. Z:Discontinued. F:Interchangeable by set. K:Q'ty Change

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| 104200-55330 | 13 | 2 |
| | 16 | 24 |
| 104200-55341 | 16 | 25 |
| 104200-55750 | 13 | 9 |
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| 105027-12580 | 16 | 7 |
| 105225-59511 | 13 | 21 |
| 105311-01090 | 1 | 4 |
| 105425-01690 | 3 | 11 |
| 110250-55610 | 13 | 6 |
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| 118400-44720 | 16 | 16 |
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| 119255-44660 | 16 | 19 |
| 119285-01990 | 1 | 6 |
| 119285-11990 | 4 | 11 |
| 119305-35151 | 8 | 17 |
| 119336-12570 | 16 | 6 |
| 119515-12501 | 16 | 3 |
| 119515-13200 | 16 | 9 |
| 119517-53001 | 12 | 1 |
| 119517-53010 | 12 | 3 |
| 119540-59570 | 12 | 42 |
| 119600-11460 | 4 | 2 |
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| 119620-01750 | 3 | 5 |
| 119620-02020 | 1 | 7 |
| 119620-11280 | 4 | 26 |
| 119620-14200 | 6 | 1 |
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| 119620-77380 | 15 | 3 |
| 119620-77421 | 15 | 6 |
| 119620-77440 | 15 | 11 |
| 119620-77461 | 15 | 12 |
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| 119620-77480 | 15 | 18 |
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| 119620-79300 | 15 | 21 |
| 119620-79310 | 15 | 23 |
| 119620-79320 | 15 | 24 |
| 119620-79330 | 15 | 25 |
| 119620-79340 | 15 | 26 |
| 119620-79350 | 15 | 27 |
| 119620-79360 | 15 | 28 |
| 119621-21681 | 7 | 12 |
| 119623-01250 | 1 | 5 |
| 119624-32040 | 2 | 18 |
| 119645-61070 | 11 | 80 |
| 119655-12560 | 16 | 5 |
| 119660-01911 | 2 | 17 |
| 119660-61901 | 11 | 64 |
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| 119717-01570 | 2 | 2 |
| 119717-01611 | 3 | 2 |
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| 119717-01770 | 3 | 10 |
| 119717-01800 | 2 | 6 |
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| 119717-11650 | 4 | 27 |
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| 119717-13110 | 5 | 2 |
| 119717-13600 | 5 | 3 |
| 119717-14400 | 6 | 2 |
| 119717-14581 | 6 | 3 |
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| 119717-25911 | 6 | 16 |
| 119717-25930 | 6 | 15 |
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| 119717-32060 | 8 | 5 |
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| 119717-32100 | 2 | 8 |
| 119717-32110 | 2 | 13 |
| 119717-32120 | 2 | 14 |
| 119717-34801 | 8 | 1 |
| 119717-35080 | 8 | 6 |
| 119717-35140 | 8 | 3 |
| 119717-39210 | 8 | 12 |
| 119717-42020 | 9 | 13 |
| 119717-42031 | 9 | 4 |
| 119717-42350 | 9 | 17 |
| 119717-49800 | 9 | 23 |
| 119717-51150 | 6 | 17 |
| 119717-51420 | 10 | 67 |
| 119717-51711 | 10 | 92 |
| 119717-51750 | 10 | 93 |
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| 119717-51860 | 10 | 96 |
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| 119717-55650 | 13 | 11 |
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| 119717-61050 | 11 | 3 |
| 119717-61070 | 11 | 4 |
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| 119717-77330 | 15 | 30 |
| 119717-77801 | 4 | 56 |
| 119717-77820 | 4 | 57 |
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| 119734-01580 | 2 | 3 |
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| 119744-01521 | 2 | 5 |
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| 119761-12540 | 16 | 8 |
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| 119E10-21700 | 7 | 1 |
| 119E10-22300 | 7 | 22 |
| 119E10-22500 | 7 | 18 |
| 119E10-22550 | 7 | 34 |
| 119E10-23001 | 7 | 24 |
| 119E10-42001 | 9 | 1 |
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| 119E10-59820 | 12 | 24 |
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| 123501-79240 | 15 | 4 |
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