



# PARTS CATALOG

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0CNP4-G09000

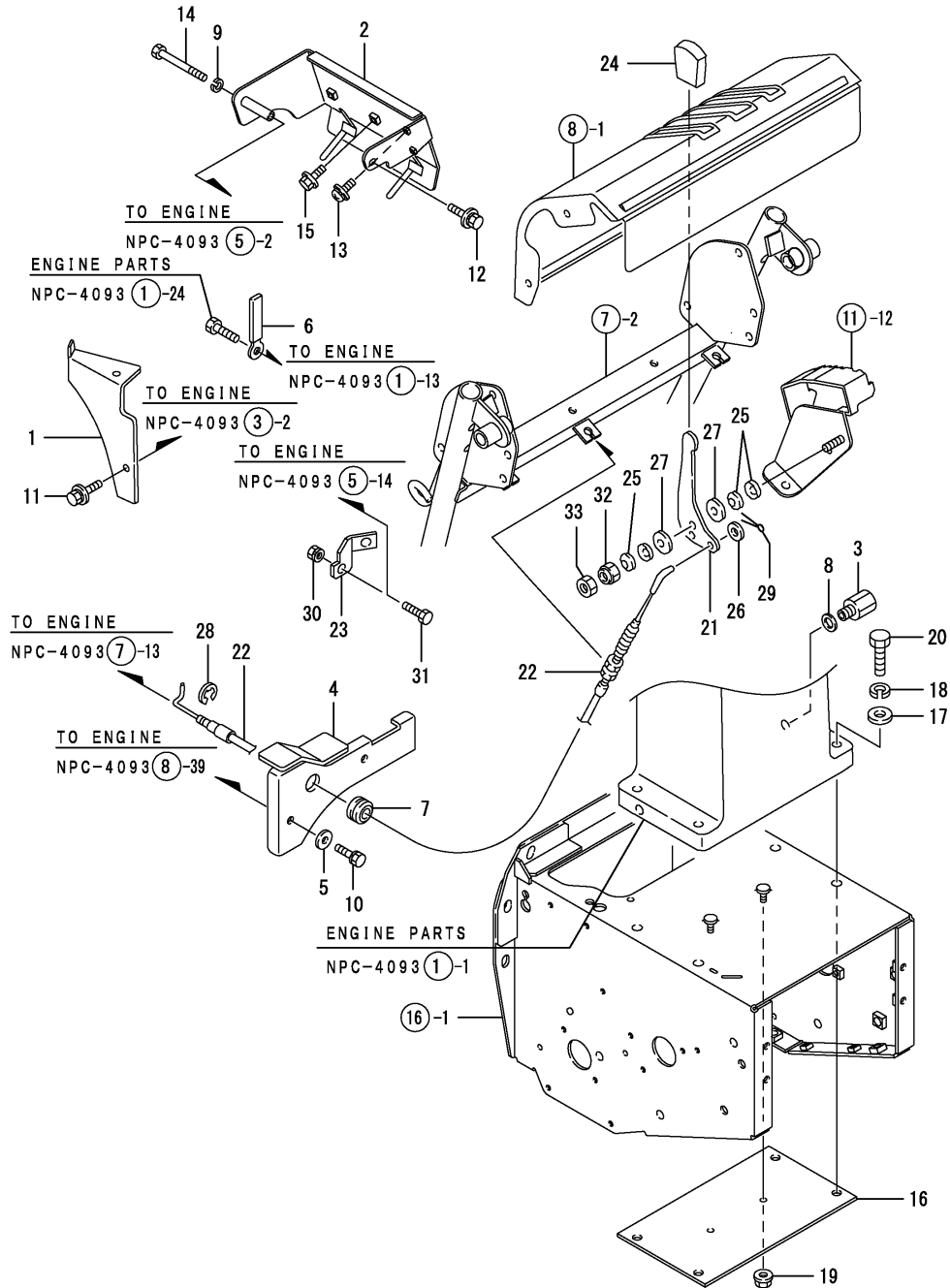
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PC NO : 0CNP4-G09000

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Fig.1. ENGINE RELATED



OCNP4-G09000 1. ENGINE RELATED

(A)=YSR90F  
(B)=YSR90F-S  
(C)=YSR90F-L

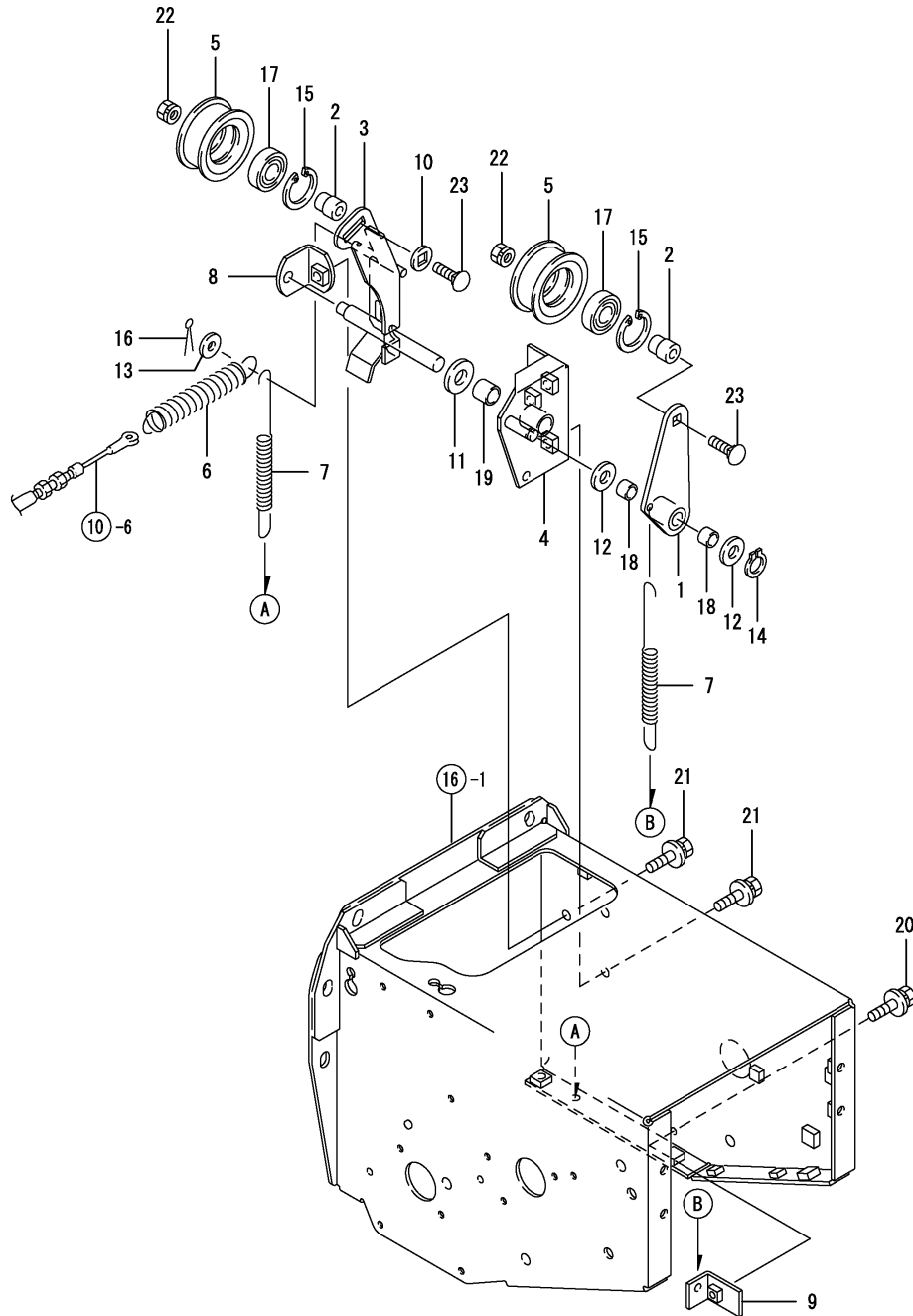
(D)=YSR90F-LS  
(E)=YSR100F-S  
(F)=

REF.	LEV.	PARTS NO.	DESCRIPTION	QTY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	1N1723-00061	COVER B,AMXILIARY	1	1	1	1	1			
2	1	1N3370-00200	BRACKET, ELECTRIC	1	1	1	1	1			
3	1	1N3021-00250	JOINT,WASTE OIL	1	1	1	1	1			
4	1	1N1723-00331	COVER	1	1	1	1	1			
5	1	1J3999-02010	WASHER, 6	2	2	2	2	2			
6	1	1N1710-32600	CLAMP 8X70	1	1	1	1	1			
7	1	194080-58820	GROMMET 15	1	1	1	1	1			
8	1	22190-120000	SEAL WASHER 12(BOLT)	1	1	1	1	1			
9	1	22217-060000	SPRING WASHER 6	1	1	1	1	1			
10	1	26016-060204	BOLT, 6 X 20	2	2	2	2	2			
11	1	26018-060124	BOLT, 6 X 12	2	2	2	2	2			
12	1	26018-060124	BOLT, 6 X 12	1	1	1	1	1			
13	1	26023-040062	SCREW M 4X6	2	2	2	2	2			
14	1	26116-060552	BOLT M 6X 55 PLATED	1	1	1	1	1			
15	1	26106-060162	BOLT M 6X 16 PLATED		2		2	2			
16	1	1N3370-01000	PLATE, ENGINE CATCH	1	1	1	1	1			
17	1	22137-100000	WASHER 10,POLISHED	4	4	4	4	4			
18	1	22217-100000	SPRING WASHER 10	4	4	4	4	4			
19	1	26051-060002	NUT M 6	2	2	2	2	2			
20	1	26116-100402	BOLT 10X 40	4	4	4	4	4			
21	1	1N3390-02100	LEVER,ACCEL	1	1	1	1	1			
22	1	1N3300-02150	WIRE ASSY, THROTTLE	1	1	1	1	1			
23	1	1N3400-02200	SEAT,FO COCK	1	1	1	1	1			
24	1	194273-47910	KNOB	1	1	1	1	1			
25	1	1N1570-51130	SPRING,BELLEVILLE	4	4	4	4	4			
26	1	22117-060000	WASHER 6	1	1	1	1	1			
27	1	22137-080000	WASHER 8, POLISHED	2	2	2	2	2			
28	1	22272-000050	CIRCLIP E- 5	1	1	1	1	1			
29	1	22417-200100	PIN, 2.0 X 10	1	1	1	1	1			
30	1	26051-060002	NUT M 6	1	1	1	1	1			
31	1	26117-060122	BOLT, 6 X 12	1	1	1	1	1			
32	1	26347-080002	U-NUT, 8	1	1	1	1	1			
33	1	26717-080002	NUT, 8	1	1	1	1	1			

Fig.2. TENSION CLUTCH

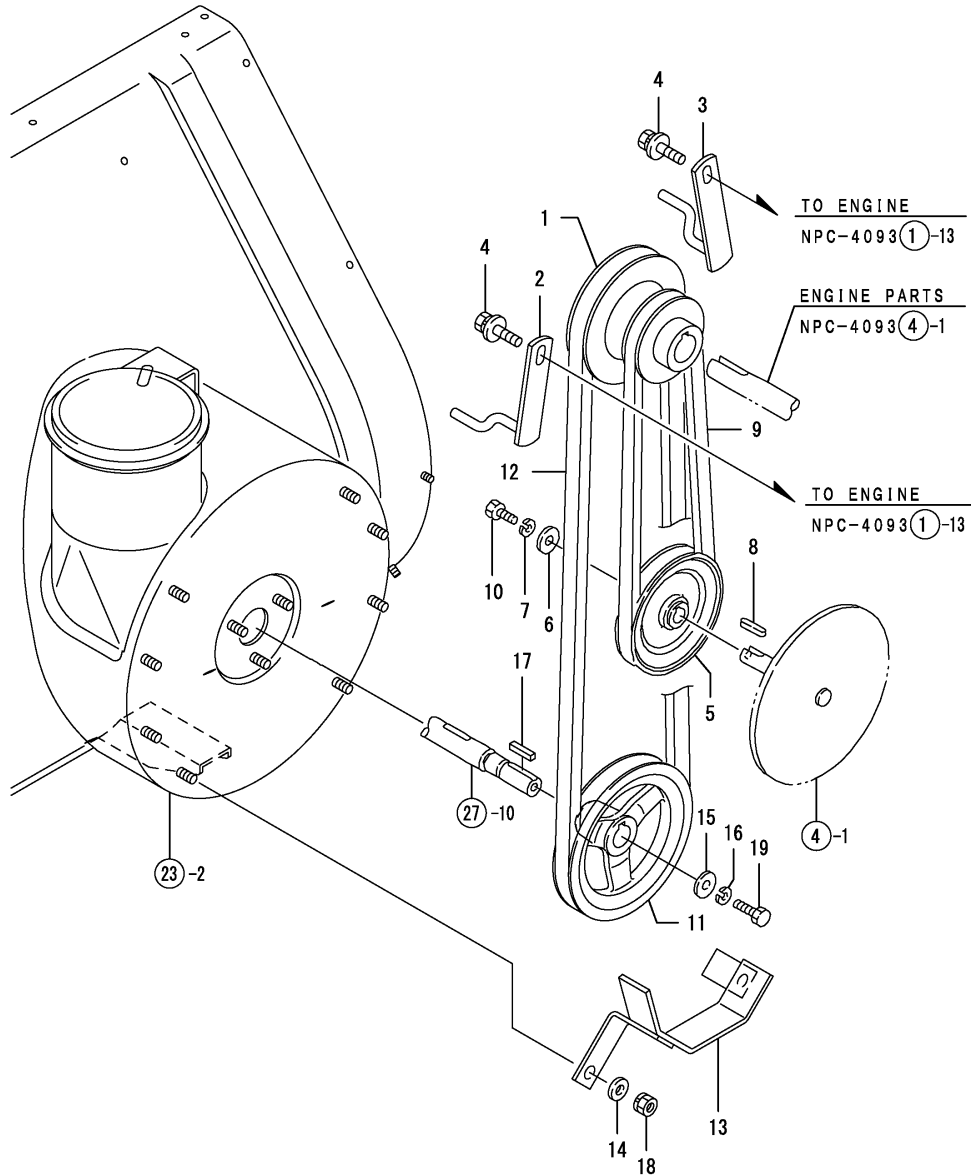
(A)=YSR90F  
(B)=YSR90F-S  
(C)=YSR90F-L

(D)=YSR90F-LS  
(E)=YSR100F-S  
(F)=



REF.	LEV.	PARTS NO.	DESCRIPTION	QTY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	1N3400-11000	TENSION,TRAVEL	1	1	1	1	1			
2	1	1N3370-11050	SHAFT	2	2	2	2	2			
3	1	1N3400-11100	TENSION,WORK	1	1	1	1	1			
4	1	1N3370-11200	FULCRUM,TENSION	1	1	1	1	1			
5	1	1N3021-11240	PULLEY 63,TENSION	2	2	2	2	2			
6	1	1N3370-11271	SPRING, 16X134	1	1	1	1	1			
7	1	1N3400-11300	SPRING,13X168	2	2	2	2	2			
8	1	1N3370-11400	SUPPORT, TENSION	1	1	1	1	1			
9	1	1N3400-11450	HOOK	1	1	1	1	1			
10	1	1N3320-71290	WASHER	1	1	1	1	1			
11	1	22117-120000	WASHER 12	1	1	1	1	1			
12	1	22137-100000	WASHER 10,POLISHED	2	2	2	2	2			
13	1	22157-060000	WASHER 6	1	1	1	1	1			
14	1	22242-000100	CIRCLIP 10	1	1	1	1	1			
15	1	22252-000350	CIRCLIP 35	2	2	2	2	2			
16	1	22417-160100	PIN, 1.6 X 10	1	1	1	1	1			
17	1	24107-062024	BALL BEARING	2	2	2	2	2			
18	1	24550-010100	BUSH 10X10,DRY	2	2	2	2	2			
19	1	24550-013150	BUSHING 13X15	1	1	1	1	1			
20	1	26018-060162	BOLT M6X16	1	1	1	1	1			
21	1	26018-080162	BOLT M 8X 16	3	3	3	3	3			
22	1	26051-080002	NUT M 8	2	2	2	2	2			
23	1	26487-080352	BOLT, 8 X 35	2	2	2	2	2			

Fig.3. ENGINE PULLEY & BELT



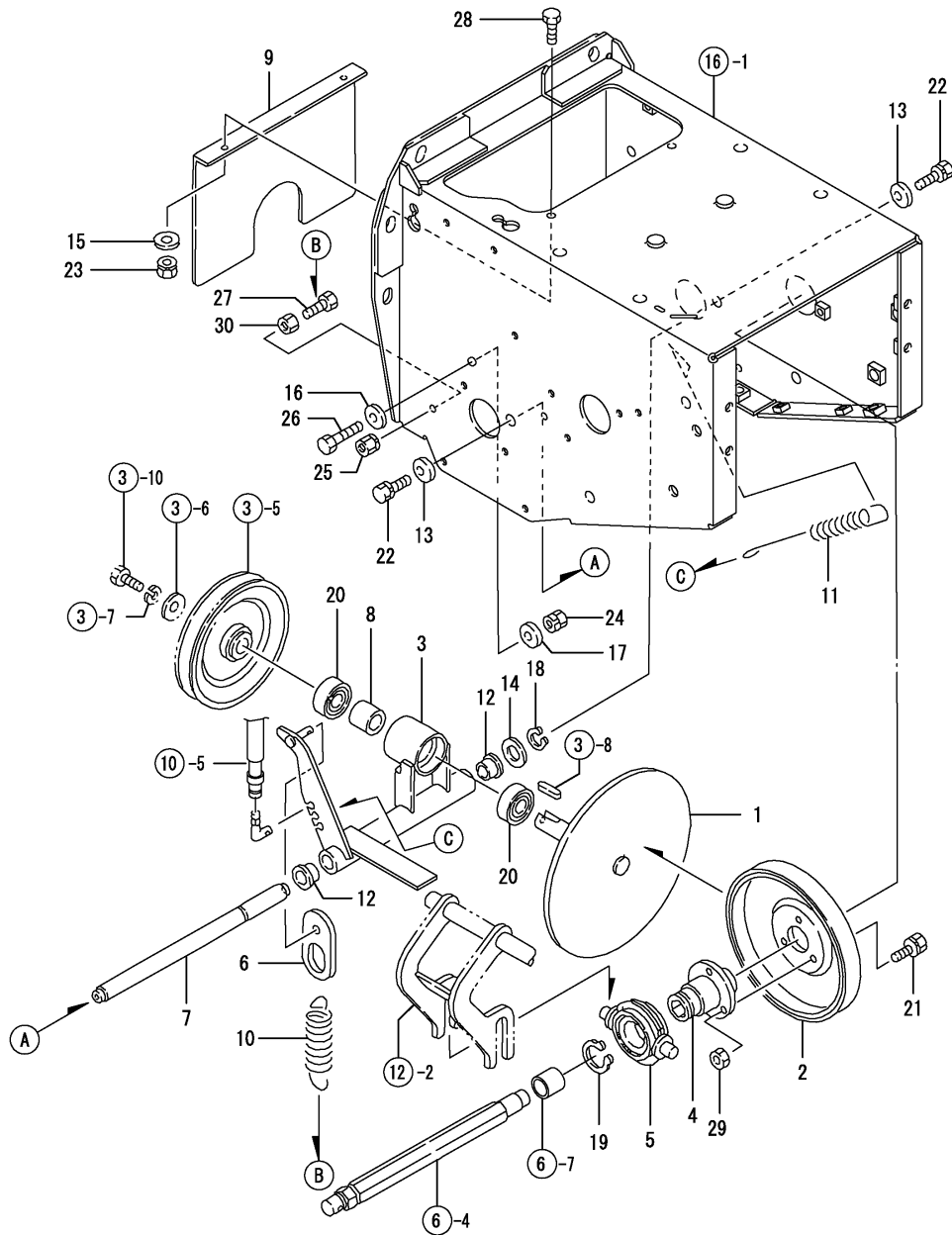
0CNP4-G09000 3. ENGINE PULLEY & BELT

(A)=YSR90F  
(B)=YSR90F-S  
(C)=YSR90F-L

(D)=YSR90F-LS  
(E)=YSR100F-S  
(F)=

REF.	LEV.	PARTS NO.	DESCRIPTION	QTY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	1N3400-12000	PULLEY,ENGINE	1	1	1	1	1			
2	1	1N3021-12100	RETAINER A,BELT	1	1	1	1	1			
3	1	1N3021-12150	RETAINER B,BELT	1	1	1	1	1			
4	1	26018-080162	BOLT M 8X 16	2	2	2	2	2			
5	1	1N3330-12050	PULLEY, 90A	1	1	1	1	1			
6	1	22157-060000	WASHER 6	1	1	1	1	1			
7	1	22217-060000	SPRING WASHER 6	1	1	1	1	1			
8	1	22550-050150	KEY, 5 X 15	1	1	1	1	1			
9	1	25122-002901	V-BELT	1	1	1	1	1			
10	1	26116-060162	BOLT 6X16	1	1	1	1	1			
11	1	1N3370-12010	PULLEY 144B	1	1	1	1	1			
12	1	1N3021-12050	V-BELT LB31-AG6	1	1	1	1	1			
13	1	1N3370-12200	GUIDE A,BELT	1	1	1	1	1			
14	1	22137-080000	WASHER 8, POLISHED	2	2	2	2	2			
15	1	22157-080000	WASHER 8	1	1	1	1	1			
16	1	22217-080000	SPRING WASHER 8	1	1	1	1	1			
17	1	22550-050300	KEY, 5 X 30	1	1	1	1	1			
18	1	26051-080002	NUT M 8	2	2	2	2	2			
19	1	26116-080252	BOLT M 8X 25 PLATED	1	1	1	1	1			

Fig.4. TRAVEL DRIVE



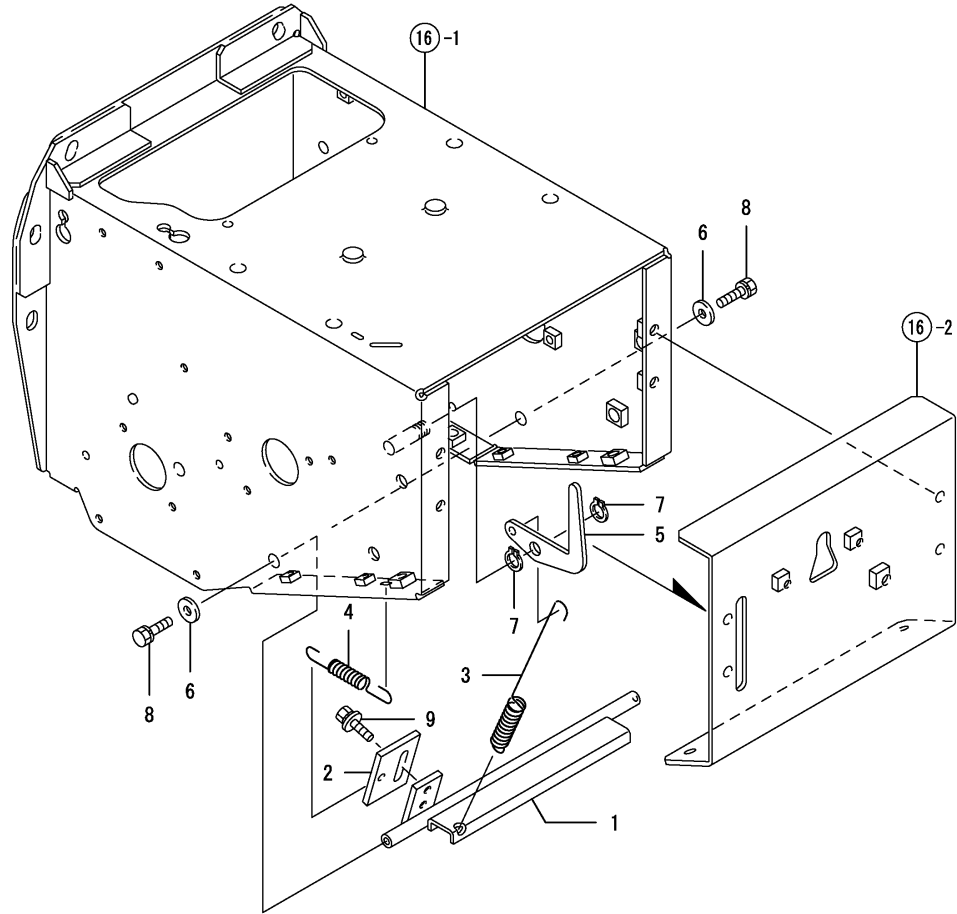
OCNP4-G09000 4. TRAVEL DRIVE

(A)=YSR90F  
(B)=YSR90F-S  
(C)=YSR90F-L

(D)=YSR90F-LS  
(E)=YSR100F-S  
(F)=

REF.	LEV.	PARTS NO.	DESCRIPTION	QTY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	1N3300-21000	PLATE,CHANGE	1	1	1	1	1			
2	1	1N1570-21200	PLATE,FRICTION	1	1	1	1	1			
3	1	1N3400-21200	BEARING,PLATE	1	1	1	1	1			
4	1	1N1720-21211	SEAT,FRICT'N PL.MTG.	1	1	1	1	1			
5	1	1N1570-21300	SLIDER,CLUTCH	1	1	1	1	1			
6	1	1N3330-21300	PLATE, CLUTCH	1	1	1	1	1			
7	1	1N3400-21300	SHAFT,PLATE FULCRUM	1	1	1	1	1			
8	1	1N3300-21310	COLLAR 15X19X18	1	1	1	1	1			
9	1	1N3300-21400	PARTING PLATE,CHASSY	1	1	1	1	1			
10	1	1N3330-21400	SPRING, 23X89	1	1	1	1	1			
11	1	1N3330-21410	SPRING, 13X200	1	1	1	1	1			
12	1	1S6000-61220	BUSH,COLLAR	2	2	2	2	2			
13	1	22117-080000	WASHER 8	2	2	2	2	2			
14	1	22117-120000	WASHER 12	1	1	1	1	1			
15	1	22137-060000	WASHER 6, POLISHED	2	2	2	2	2			
16	1	22137-060000	WASHER 6, POLISHED	1	1	1	1	1			
17	1	22157-060000	WASHER 6	1	1	1	1	1			
18	1	22242-000120	CIRCLIP 12	1	1	1	1	1			
19	1	22242-000250	CIRCLIP 25S	1	1	1	1	1			
20	1	24104-060024	BALL BEARING 6002UU	2	2	2	2	2			
21	1	26016-060164	BOLT, 6 X 16	3	3	3	3	3			
22	1	26016-080164	BOLT, 8 X 16	2	2	2	2	2			
23	1	26051-060002	NUT M 6	2	2	2	2	2			
24	1	26051-060002	NUT M 6	1	1	1	1	1			
25	1	26051-060002	NUT M 6	1	1	1	1	1			
26	1	26116-060254	BOLT M 6X 25 PLATED	1	1	1	1	1			
27	1	26116-060304	BOLT M 6X 30 PLATED	1	1	1	1	1			
28	1	26117-060122	BOLT, 6 X 12	2	2	2	2	2			
29	1	26717-060002	NUT, 6	3	3	3	3	3			
30	1	26717-060002	NUT, 6	1	1	1	1	1			

Fig.5. BRAKE



0CNP4-G09000 5. BRAKE

(A)=YSR90F  
(B)=YSR90F-S  
(C)=YSR90F-L

(D)=YSR90F-LS  
(E)=YSR100F-S  
(F)=

REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	1N3400-22000	PLATE,PARKING BRAKE	1	1	1	1	1			
2	1	1N3300-22100	STOPPER,BRAKE	1	1	1	1	1			
3	1	1N3400-22150	SPRING,11X169	1	1	1	1	1			
4	1	1N3300-22170	SPRING 9X82	1	1	1	1	1			
5	1	1N3400-22200	PLATE,BRAKE LEVER	1	1	1	1	1			
6	1	22137-060000	WASHER 6, POLISHED	2	2	2	2	2			
7	1	22242-000100	CIRCLIP 10	2	2	2	2	2			
8	1	26016-060162	BOLT M 6X 16	2	2	2	2	2			
9	1	26018-060122	BOLT M 6X 12	2	2	2	2	2			

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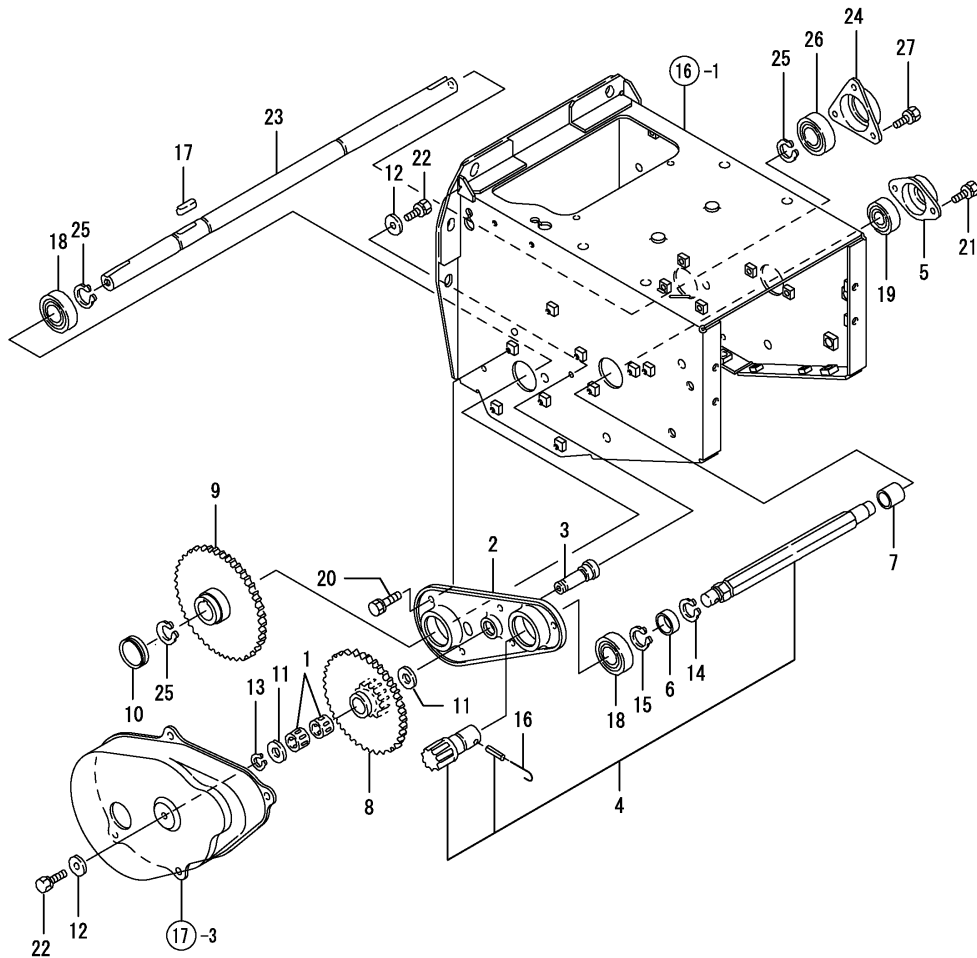
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Fig.6. REDUCTION GEAR & AXLE



OCNP4-G09000 6. REDUCTION GEAR & AXLE

(A)=YSR90F  
(B)=YSR90F-S  
(C)=YSR90F-L

(D)=YSR90F-LS  
(E)=YSR100F-S  
(F)=

REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	1N1570-21600	BEARING	2	2	2	2	2			
2	1	1N3390-23000	BEARING, GEAR	1	1	1	1	1			
3	1	1N3300-23050	SHAFT,COUNTER	1	1	1	1	1			
4	1	1N3400-23100	GEAR ASSY,PINION	1	1	1	1	1			
5	1	1F1150-23140	JOINT	1	1	1	1	1			
6	1	1N3300-23180	COLLAR, 20X25X9.5	1	1	1	1	1			
7	1	1N3400-23180	COLLAR,16X21X20	1	1	1	1	1			
8	1	1N3310-23200	GEAR,COUNTER	1	1	1	1	1			
9	1	1N3390-23300	GEAR, AXLE 84	1	1	1	1	1			
10	1	1N3390-23400	SEAL, GREASE 28A	1	1	1	1	1			
11	1	22117-120000	WASHER 12	2	2	2	2	2			
12	1	22157-060000	WASHER 6	2	2	2	2	2			
13	1	22242-000120	CIRCLIP 12	1	1	1	1	1			
14	1	22242-000190	CIRCLIP 19	1	1	1	1	1			
15	1	22242-000200	CIRCLIP 20	1	1	1	1	1			
16	1	22451-160000	WIRE 1.6	1	1	1	1	1			
17	1	22512-050260	KEY 5* 26	1	1	1	1	1			
18	1	24104-060044	BALL BEARING	2	2	2	2	2			
19	1	24104-062024	BALL BEARING	1	1	1	1	1			
20	1	26016-060122	BOLT M 6X 12	5	5	5	5	5			
21	1	26016-060122	BOLT M 6X 12	2	2	2	2	2			
22	1	26016-060162	BOLT M 6X 16	2	2	2	2	2			
23	1	1N3400-25000	AXLE	1	1	1	1	1			
24	1	1N3300-25100	JOINT 6004	1	1	1	1	1			
25	1	22242-000200	CIRCLIP 20	3	3	3	3	3			
26	1	24104-060044	BALL BEARING	1	1	1	1	1			
27	1	26016-060122	BOLT M 6X 12	3	3	3	3	3			



Fig.7. HANDLE

(A)=YSR90F  
(B)=YSR90F-S  
(C)=YSR90F-L

(D)=YSR90F-LS  
(E)=YSR100F-S  
(F)=

REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	1N3390-30000	HANDLE	2	2	2	2	2			
2	1	1N3400-30100	FRAME,HANDLE	1	1	1	1	1			
3	1	1N1710-82140	GRIP BK-8,HANDLE	2	2	2	2	2			
4	1	22137-080000	WASHER 8, POLISHED	4	4	4	4	4			
5	1	26016-080162	BOLT M 8X 16	4	4	4	4	4			
6	1	26016-100252	BOLT M10X 25	4	4	4	4	4			

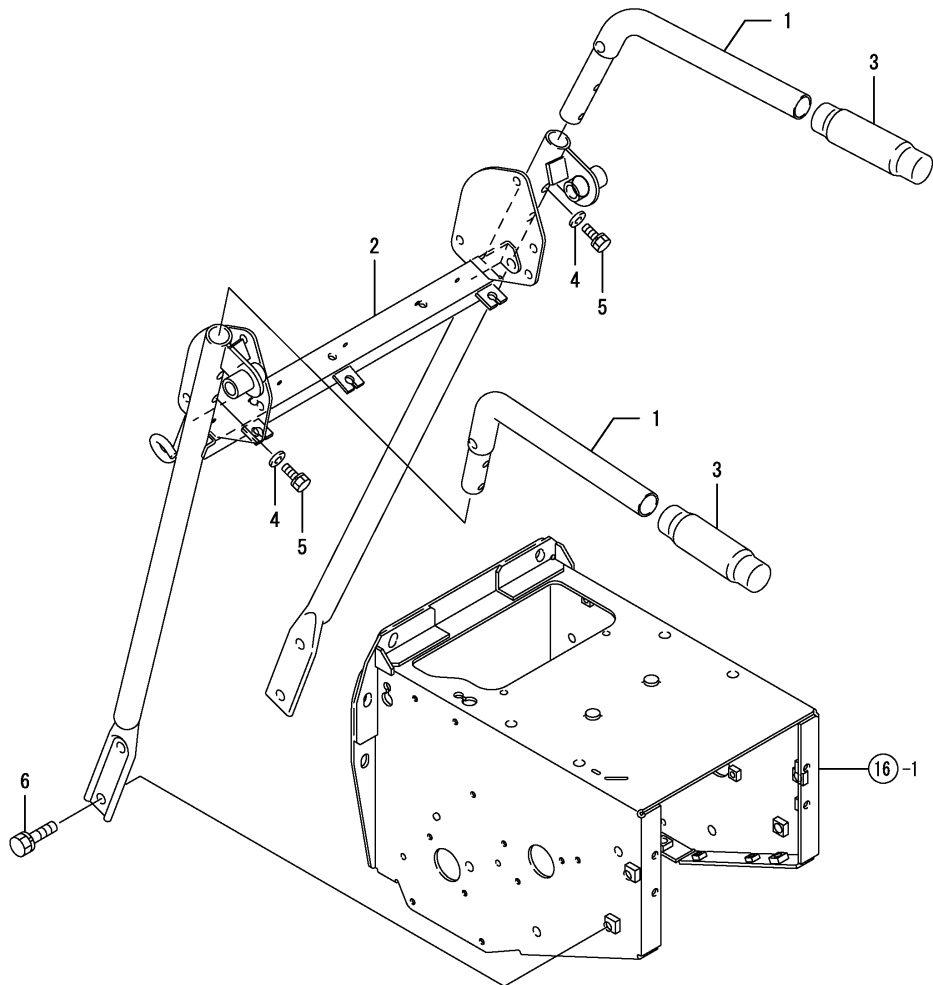


Fig.8. CONTROL PANEL

0CNP4-G09000 8. CONTROL PANEL

(A)=YSR90F  
(B)=YSR90F-S  
(C)=YSR90F-L

(D)=YSR90F-LS  
(E)=YSR100F-S  
(F)=

REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	7N3390-30290	PL.ASSY,OPERAT.PANEL	1	1	1	1	1			
2	1	22157-060000	WASHER 6	1	1	1	1	1			
3	1	26016-060162	BOLT M 6X 16	1	1	1	1	1			
4	1	26018-060124	BOLT, 6 X 12	3	3	3	3	3			

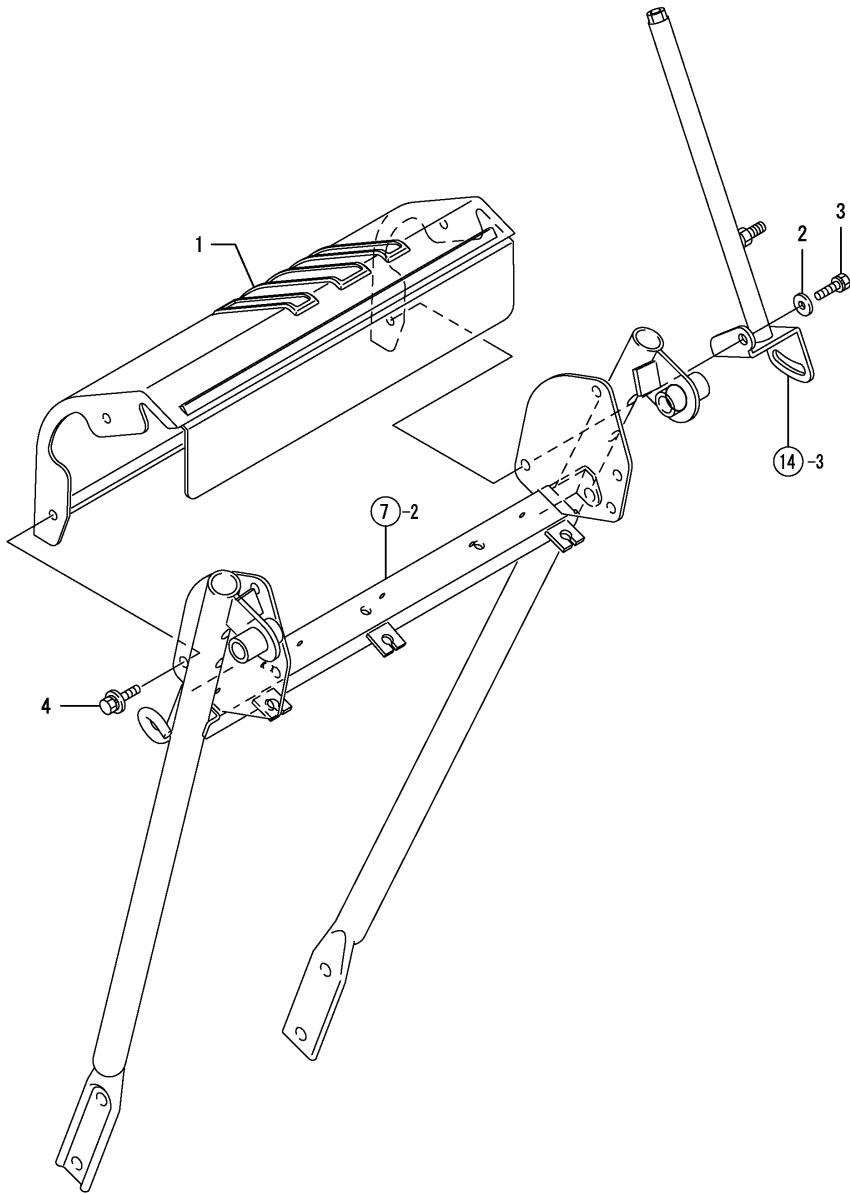
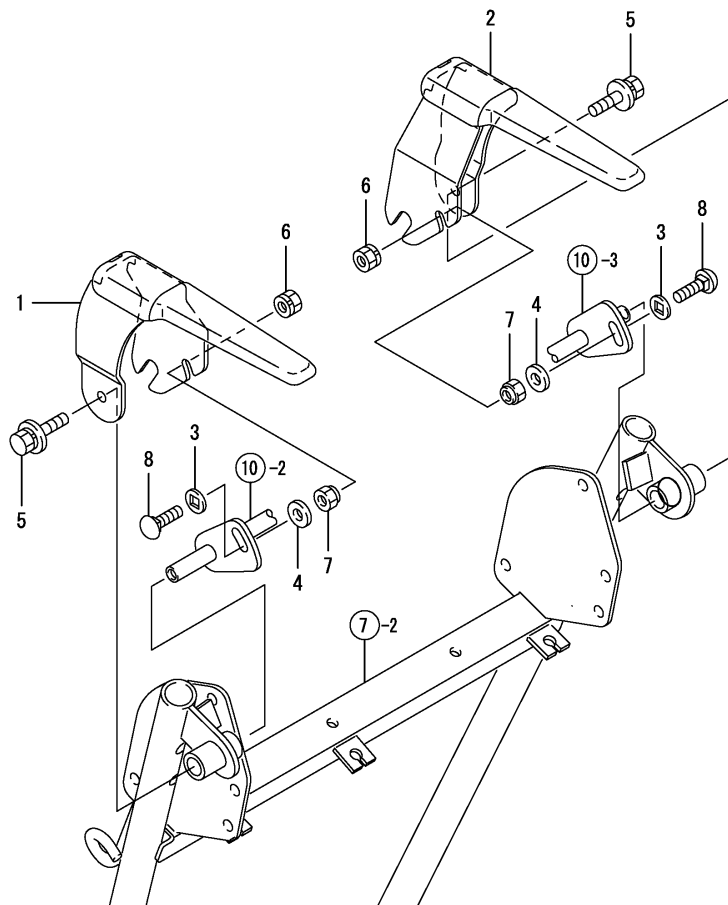


Fig.9. DEAD MAN LEVER



OCNP4-G09000 9. DEAD MAN LEVER

(A)=YSR90F  
 (B)=YSR90F-S  
 (C)=YSR90F-L

(D)=YSR90F-LS  
 (E)=YSR100F-S  
 (F)=

REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	1N3390-31000	LEVER, DEAD MAN L	1	1	1	1	1			
2	1	1N3390-31050	LEVER, DEAD MAN R	1	1	1	1	1			
3	1	1N3320-71290	WASHER	2	2	2	2	2			
4	1	22137-080000	WASHER 8, POLISHED	2	2	2	2	2			
5	1	26018-080164	BOLT, 8 X 16	2	2	2	2	2			
6	1	26051-080002	NUT M 8	2	2	2	2	2			
7	1	26347-080002	U-NUT, 8	2	2	2	2	2			
8	1	26487-080252	BOLT 8X25,SQ.ROOT	2	2	2	2	2			

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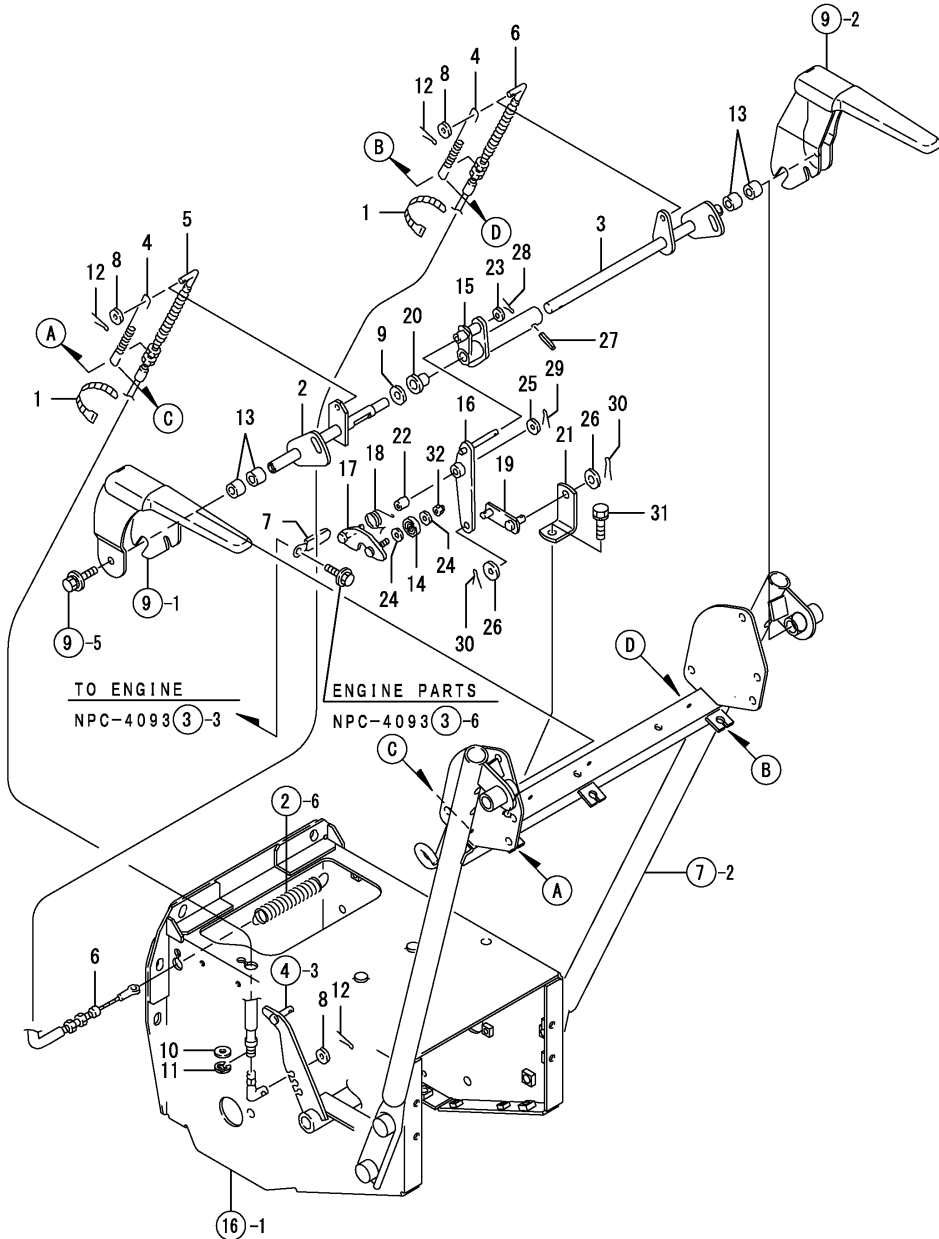
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Fig.10. CLUTCH & CLUTCH LOCK

(A)=YSR90F  
(B)=YSR90F-S  
(C)=YSR90F-L

(D)=YSR90F-LS  
(E)=YSR100F-S  
(F)=

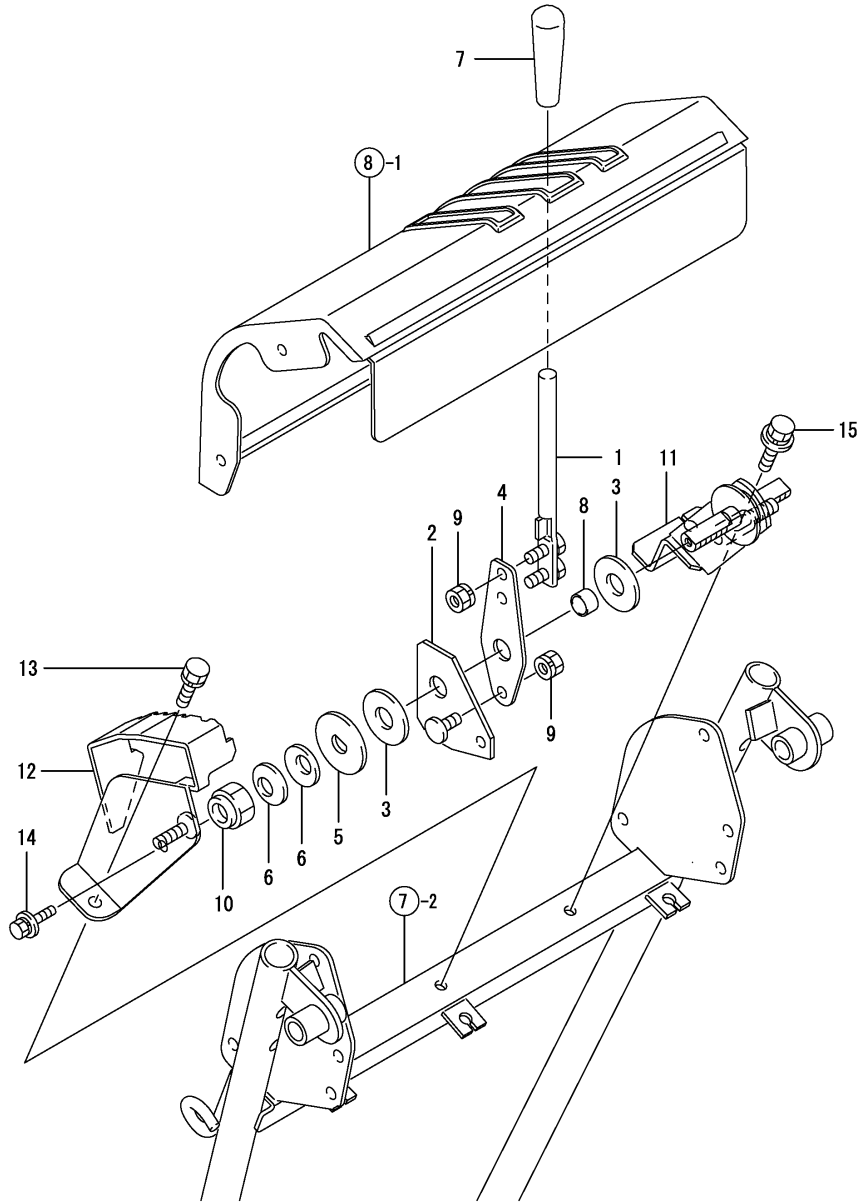


REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	1J3999-07000	BAND 100B	3	3	3	3	3			
2	1	1N3370-31200	SHAFT,TRAVEL CLUTCH	1	1	1	1	1			
3	1	1N3370-31300	SHAFT,SNOW RMV.CLTCH	1	1	1	1	1			
4	1	1N3370-31450	SPRING, 9X145	2	2	2	2	2			
5	1	1N3390-31600	WIRE, TRAVEL	1	1	1	1	1			
6	1	1N3370-31650	WIRE,SNOW,REMOVING	1	1	1	1	1			
7	1	1N1710-32600	CLAMP 8X70	1	1	1	1	1			
8	1	22117-060000	WASHER 6	3	3	3	3	3			
9	1	22117-100000	WASHER 10	1	1	1	1	1			
10	1	22137-080000	WASHER 8, POLISHED	1	1	1	1	1			
11	1	22272-000070	CIRCLIP E- 7	1	1	1	1	1			
12	1	22417-200100	PIN, 2.0 X 10	3	3	3	3	3			
13	1	24550-012150	BUSH 12X15	4	4	4	4	4			
14	1	1J3999-06000	BEARING 626-2NSL	1	1	1	1	1			
15	1	1N3330-31350	ARMCLUTCH LOCK SHAFT	1	1	1	1	1			
16	1	1N3300-31400	CATCH,LOCK CLAW	1	1	1	1	1			
17	1	1N3021-31451	CLAW,CLUTCH LOCK	1	1	1	1	1			
18	1	1N3021-31480	SPRING,LOCK CLAW	1	1	1	1	1			
19	1	1N3300-31500	GUIDE,LOCK CLAW	1	1	1	1	1			
20	1	1N3021-31580	BUSH 10X15,FLANGED	1	1	1	1	1			
21	1	1N3370-31700	SEAT, LOCK CLAW	1	1	1	1	1			
22	1	1C1011-45020	BUSH 6X8X10	1	1	1	1	1			
23	1	22117-060000	WASHER 6	1	1	1	1	1			
24	1	22117-060000	WASHER 6	2	2	2	2	2			
25	1	22117-060000	WASHER 6	1	1	1	1	1			
26	1	22117-080000	WASHER 8	2	2	2	2	2			
27	1	22351-050020	SPRING PIN 5X20	1	1	1	1	1			
28	1	22417-160100	PIN, 1.6 X 10	1	1	1	1	1			
29	1	22417-160100	PIN, 1.6 X 10	1	1	1	1	1			
30	1	22417-200160	COTTER PIN 2.0X16	2	2	2	2	2			
31	1	26016-080164	BOLT, 8 X 16	1	1	1	1	1			
32	1	26347-060002	U-NUT, 6	1	1	1	1	1			

Fig.11. CHANGE LEVER

(A)=YSR90F  
 (B)=YSR90F-S  
 (C)=YSR90F-L

(D)=YSR90F-LS  
 (E)=YSR100F-S  
 (F)=



REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	1N3360-32000	CHANGE LEVER	1	1	1	1	1			
2	1	1N3335-32050	ARM, CHANGE	1	1	1	1	1			
3	1	1N3330-32090	FRICTION PLATE	2	2	2	2	2			
4	1	1N3335-32090	SPRING,CHANGE LEVER	1	1	1	1	1			
5	1	1N1723-32350	LOCK WASHER	1	1	1	1	1			
6	1	1C6320-64680	SPRING 14,BELLEVILLE	2	2	2	2	2			
7	1	1E6570-64760	GRIP 12,CHANGE LEVER	1	1	1	1	1			
8	1	24550-014100	BUSH 14X10	1	1	1	1	1			
9	1	26051-080002	NUT M 8	3	3	3	3	3			
10	1	26357-140002	U-NUT M14	1	1	1	1	1			
11	1	1N3370-32100	FULCRUM, LEVER	1	1	1	1	1			
12	1	1N3390-32400	CATCH,FULCRUM	1	1	1	1	1			
13	1	26016-080164	BOLT, 8 X 16	1	1	1	1	1			
14	1	26018-060162	BOLT M6X16	1	1	1	1	1			
15	1	26018-080164	BOLT, 8 X 16	1	1	1	1	1			

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N:Old  $\xrightarrow{Yes}$  New, Q:Old  $\xrightarrow{No}$  New, R:Old  $\xrightarrow{Yes}$  New, S:Old  $\xrightarrow{No}$  New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change  
 (C)Copy Rights YANMAR CO.,LTD.

Fig.12. CHANGE ROD

0CNP4-G09000 12. CHANGE ROD

(A)=YSR90F  
(B)=YSR90F-S  
(C)=YSR90F-L

(D)=YSR90F-LS  
(E)=YSR100F-S  
(F)=

REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	1N3390-32200	ROD, CHANGE LEVER	1	1	1	1	1			
2	1	1N3400-32300	ARM,SLIDE	1	1	1	1	1			
3	1	1N3400-32350	BEARING,SLIDE ARM	1	1	1	1	1			
4	1	1N3300-32500	GUIDE,ARM,SLIDE	1	1	1	1	1			
5	1	1N1570-32950	NUT 8	1	1	1	1	1			
6	1	1E4760-43090	BALL RBL8,LINK	1	1	1	1	1			
7	1	1E6740-64200	BALL BL8DL, LINK	1	1	1	1	1			
8	1	22117-120000	WASHER 12	1	1	1	1	1			
9	1	26018-060162	BOLT M6X16	2	2	2	2	2			
10	1	26051-080002	NUT M 8	2	2	2	2	2			
11	1	26717-080002	NUT, 8	1	1	1	1	1			

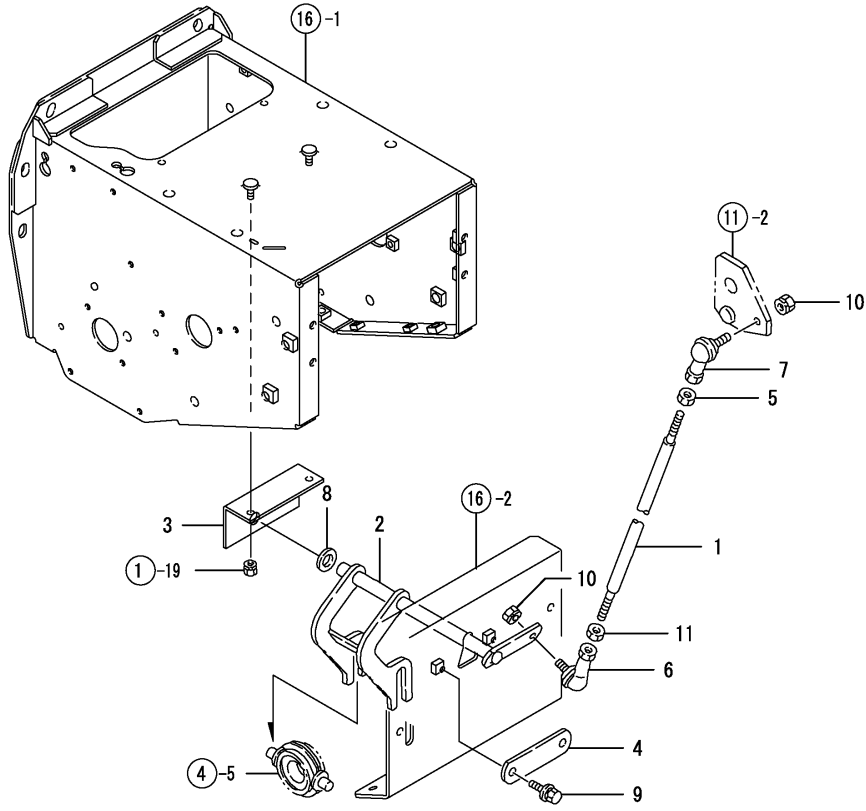
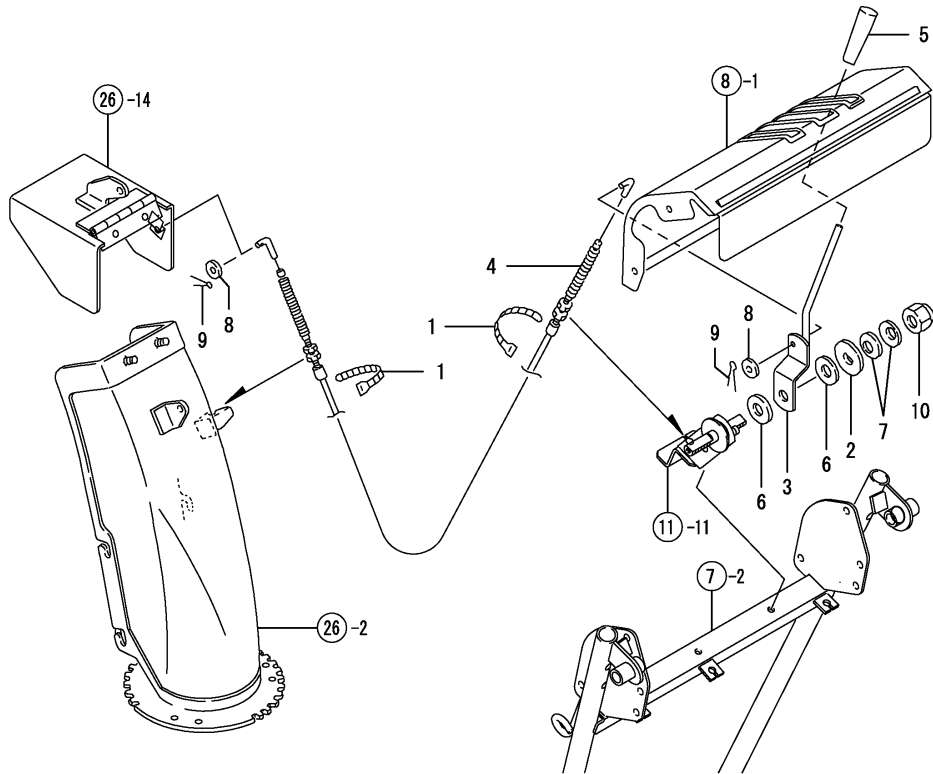


Fig.13. CHUTE LEVER



0CNP4-G09000 13. CHUTE LEVER

(A)=YSR90F  
(B)=YSR90F-S  
(C)=YSR90F-L

(D)=YSR90F-LS  
(E)=YSR100F-S  
(F)=

REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	1J3999-07000	BAND 100B	2	2	2	2	2			
2	1	1N1723-32350	LOCK WASHER	1	1	1	1	1			
3	1	1N3370-34000	LEVER, CHUTE	1	1	1	1	1			
4	1	1N3300-34201	WIRE COMP.,SHOOT	1	1	1	1	1			
5	1	1A1140-58050	GRIP, STAND	1	1	1	1	1			
6	1	1E6680-64240	PLATE,FRICTION	2	2	2	2	2			
7	1	1C6320-64680	SPRING 14,BELLEVILLE	2	2	2	2	2			
8	1	22117-060000	WASHER 6	2	2	2	2	2			
9	1	22417-200100	PIN, 2.0 X 10	2	2	2	2	2			
10	1	26357-140002	U-NUT M14	1	1	1	1	1			

Fig.14. CHUTE HANDLE

(A)=YSR90F  
(B)=YSR90F-S  
(C)=YSR90F-L

(D)=YSR90F-LS  
(E)=YSR100F-S  
(F)=

REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	1N3390-34350	HANDLE, CHUTE	1	1	1	1	1			
2	1	1N3021-34390	SPACER 10X14X1	1	1	1	1	1			
3	1	1N3390-34500	STAY,CHUTE HANDLE	1	1	1	1	1			
4	1	1N3390-34530	SUPPORT,HANDLE	1	1	1	1	1			
5	1	1N3390-34600	ROD,CONNECTION	1	1	1	1	1			
6	1	1N3330-34651	JOINT, CONNECTING	1	1	1	1	1			
7	1	1N3330-34700	JOINT FULCRUM	1	1	1	1	1			
8	1	1N3021-34710	JOINT FULCRUM,PIN 8	1	1	1	1	1			
9	1	1N3021-34720	RIVET 4X27.5	1	1	1	1	1			
10	1	1N1711-35520	GRIP,SHOOT	1	1	1	1	1			
11	1	1F5300-43300	BUSH, 1015	1	1	1	1	1			
12	1	1N3260-73250	RIVET 4X19.5	1	1	1	1	1			
13	1	22137-060000	WASHER 6, POLISHED	1	1	1	1	1			
14	1	22137-080000	WASHER 8, POLISHED	1	1	1	1	1			
15	1	22372-040000	SNAP PIN 4	1	1	1	1	1			
16	1	22417-200100	PIN, 2.0 X 10	1	1	1	1	1			
17	1	22417-200160	COTTER PIN 2.0X16	1	1	1	1	1			
18	1	26018-080204	BOLT, 8 X 20	1	1	1	1	1			
19	1	26717-080002	NUT, 8	1	1	1	1	1			
20	1	26717-080002	NUT, 8	1	1	1	1	1			

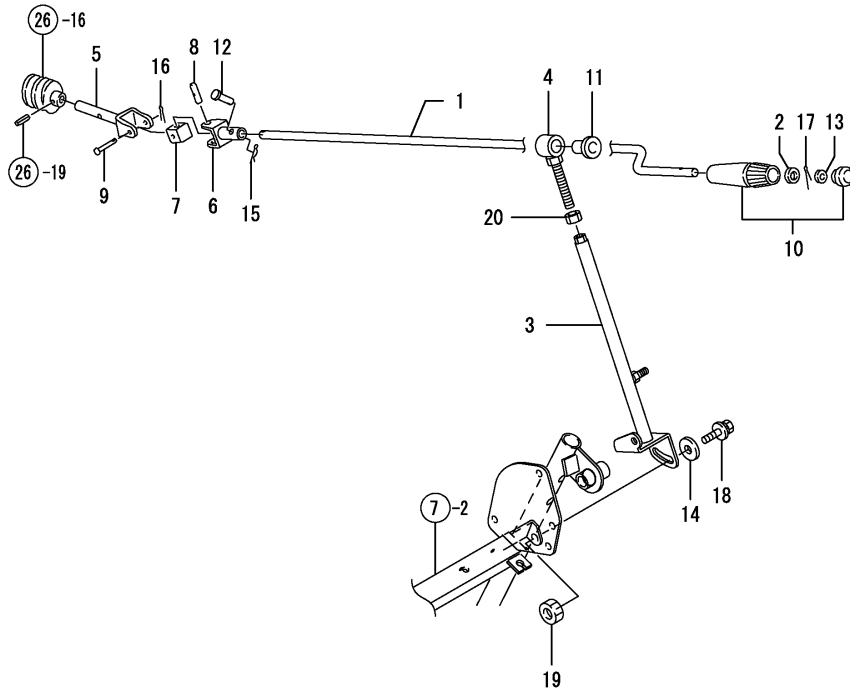
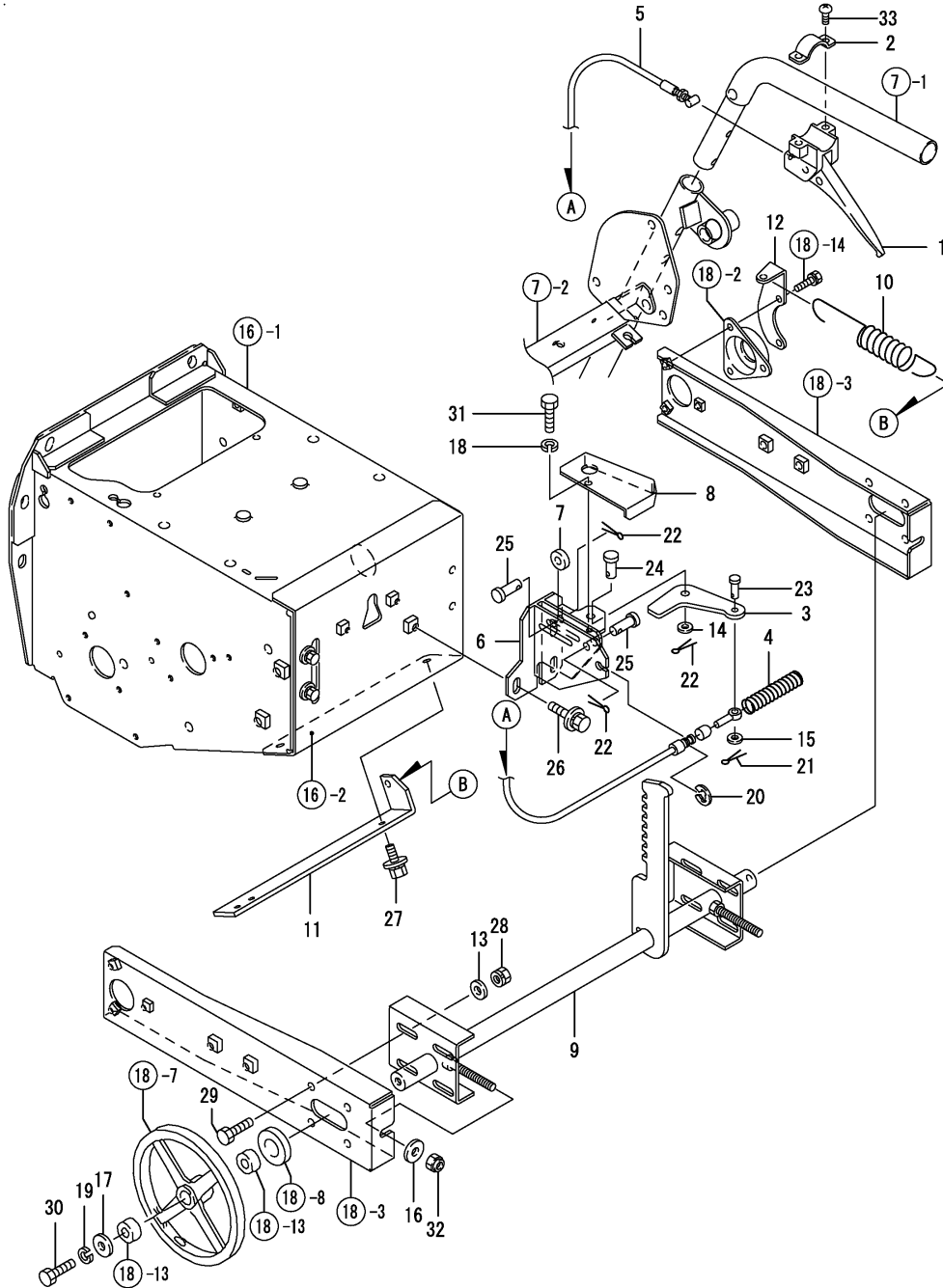




Fig.15. LIFTING

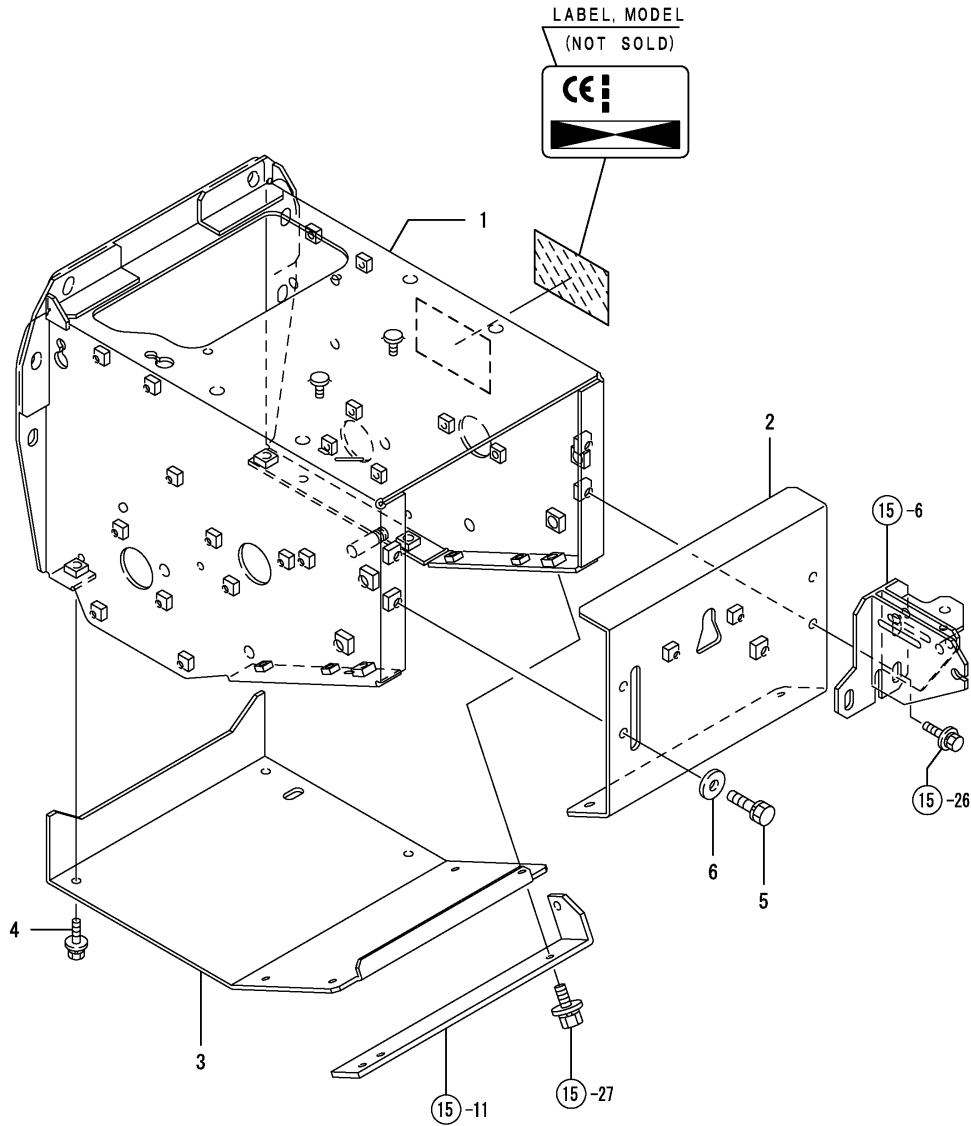
(A)=YSR90F  
(B)=YSR90F-S  
(C)=YSR90F-L

(D)=YSR90F-LS  
(E)=YSR100F-S  
(F)=



REF.	LEV.	PARTS NO.	DESCRIPTION	QTY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	1N3390-35000	LEVER,LIFT	1	1	1	1	1			
2	1	1N3390-35060	PLATE	1	1	1	1	1			
3	1	1N3390-35100	PLATE,STOPPER	1	1	1	1	1			
4	1	1N3390-35150	SPRING,15X70	1	1	1	1	1			
5	1	1N3390-35250	WIRE,LIFTING	1	1	1	1	1			
6	1	1N3390-35300	SUPPORT,LIFTING	1	1	1	1	1			
7	1	1N3390-35400	COLLER,GUIDE	1	1	1	1	1			
8	1	1N3390-35450	COVER,LIFT	1	1	1	1	1			
9	1	1N3400-35500	SHAFT,IDLER	1	1	1	1	1			
10	1	1N3390-35600	SPRING,LIFT	1	1	1	1	1			
11	1	1N3390-35650	STAY,SPRING A	1	1	1	1	1			
12	1	1N3390-35700	STAY,SPRING B	1	1	1	1	1			
13	1	22137-080000	WASHER 8, POLISHED	8	8	8	8	8			
14	1	22137-080000	WASHER 8, POLISHED	1	1	1	1	1			
15	1	22157-060000	WASHER 6	1	1	1	1	1			
16	1	22157-080000	WASHER 8	2	2	2	2	2			
17	1	22157-080000	WASHER 8	2	2	2	2	2			
18	1	22217-060000	SPRING WASHER 6	1	1	1	1	1			
19	1	22217-080000	SPRING WASHER 8	2	2	2	2	2			
20	1	22272-000060	CIRCLIP E- 6	1	1	1	1	1			
21	1	22417-160100	PIN, 1.6 X 10	1	1	1	1	1			
22	1	22417-200160	COTTER PIN 2.0X16	3	3	3	3	3			
23	1	22487-060160	PIN 6X 16	1	1	1	1	1			
24	1	22487-080120	PIN 8X 12	1	1	1	1	1			
25	1	22487-080160	PIN 8X 16	2	2	2	2	2			
26	1	26018-080202	BOLT M 8X 20	3	3	3	3	3			
27	1	26018-080204	BOLT, 8 X 20	2	2	2	2	2			
28	1	26051-080002	NUT M 8	8	8	8	8	8			
29	1	26116-080202	BOLT M 8X 20 PLATED	8	8	8	8	8			
30	1	26116-080252	BOLT M 8X 25 PLATED	2	2	2	2	2			
31	1	26117-060122	BOLT, 6 X 12	1	1	1	1	1			
32	1	26347-080002	U-NUT, 8	2	2	2	2	2			
33	1	26557-060252	SCREW M 6X 25	2	2	2	2	2			

Fig.16. CHASSIS FRAME



0CNP4-G09000 16. CHASSIS FRAME

(A)=YSR90F  
(B)=YSR90F-S  
(C)=YSR90F-L

(D)=YSR90F-LS  
(E)=YSR100F-S  
(F)=

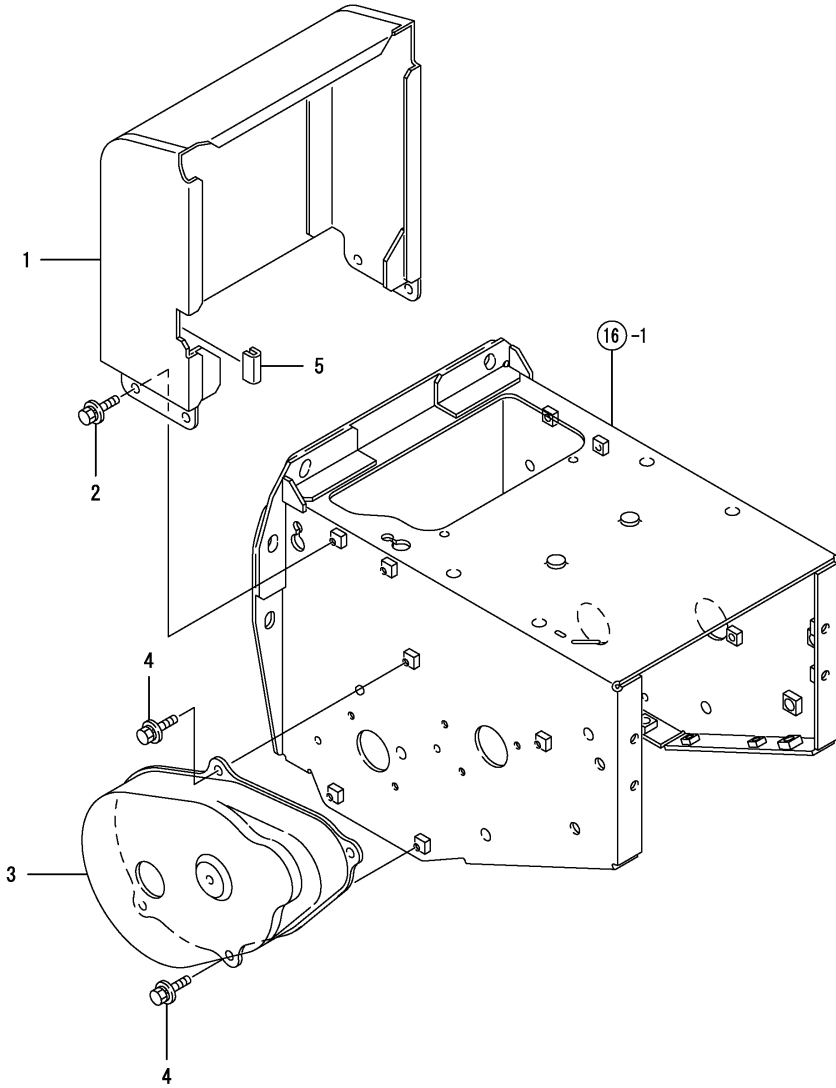
REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	1N3400-36000	CHASSIS	1	1	1	1	1			
2	1	1N3400-36100	CHASSIS,REAR	1	1	1	1	1			
3	1	1N3400-36200	CHASSIS,BOTTOM	1	1	1	1	1			
4	1	26018-060124	BOLT, 6 X 12	7	7	7	7	7			
5	1	26016-080164	BOLT, 8 X 16	2	2	2	2	2			
6	1	22117-080000	WASHER 8	2	2	2	2	2			

Fig.17. BELT COVER & GEAR COVER

OCNP4-G09000 17. BELT COVER & GEAR COVER

(A)=YSR90F  
(B)=YSR90F-S  
(C)=YSR90F-L

(D)=YSR90F-LS  
(E)=YSR100F-S  
(F)=

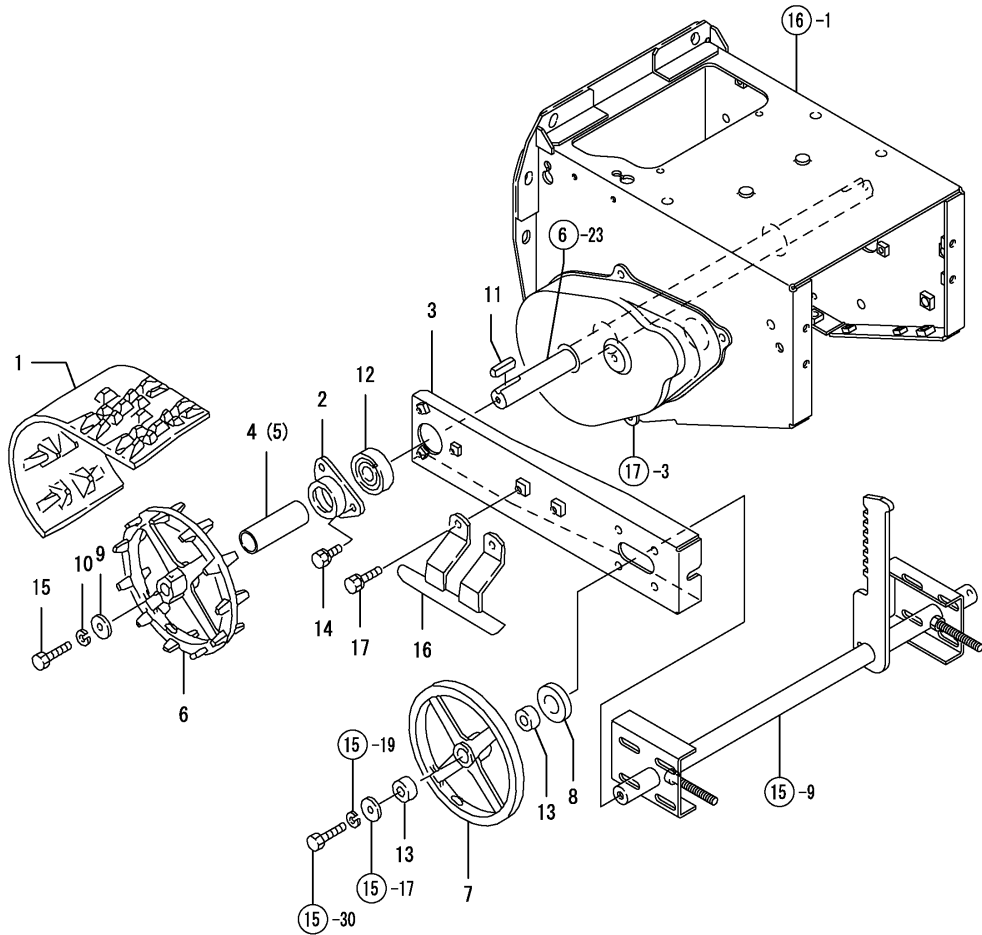


REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	7N3400-37000	PLASSY,BELT COVER	1	1	1	1	1			
2	1	26018-060124	BOLT, 6 X 12	4	4	4	4	4			
3	1	1N3390-37100	COVER,GEAR	1	1	1	1	1			
4	1	26018-060124	BOLT, 6 X 12	4	4	4	4	4			
5	1	1N3390-37300	RUBBER,EDGE 25	1	1	1	1	1			

Fig.18. CRAWLER

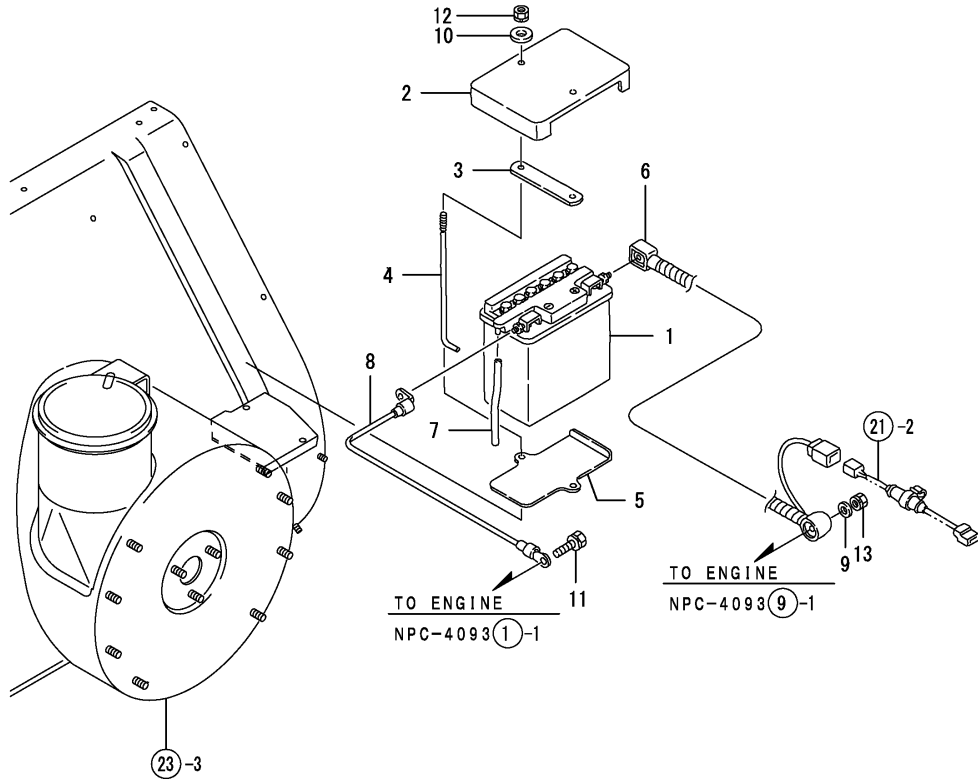
(A)=YSR90F  
(B)=YSR90F-S  
(C)=YSR90F-L

(D)=YSR90F-LS  
(E)=YSR100F-S  
(F)=



REF.	LEV.	PARTS NO.	DESCRIPTION	QTY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	1N3360-38000	CRAWLER	2	2	2	2	2			
2	1	1N3300-25100	JOINT 6004	2	2	2	2	2			
3	1	1N3390-38200	FRAME,CRAWLER	2	2	2	2	2			
4	1	1N3400-38400	COLLAR 20X25X44.7	1	1	1	1	1			
5	1	1N3400-38450	COLLAR,20X25X73	1	1	1	1	1			
6	1	1N1723-38500	SPROCKET, 11-43	2	2	2	2	2			
7	1	1N3021-38600	WHEEL	2	2	2	2	2			
8	1	22137-200000	WASHER 20,POLISHED	2	2	2	2	2			
9	1	22157-080000	WASHER 8	2	2	2	2	2			
10	1	22217-080000	SPRING WASHER 8	2	2	2	2	2			
11	1	22550-050300	KEY, 5 X 30	2	2	2	2	2			
12	1	24104-060044	BALL BEARING	2	2	2	2	2			
13	1	24550-020100	BUSH	4	4	4	4	4			
14	1	26016-060162	BOLT M 6X 16	6	6	6	6	6			
15	1	26116-080252	BOLT M 8X 25 PLATED	2	2	2	2	2			
16	1	1N3370-38500	GUIDE,CRAWLER	2	2	2	2	2			
17	1	26016-080202	BOLT M 8X 20	4	4	4	4	4			

Fig.19. BATTERY



OCNP4-G09000 19. BATTERY

(A)=YSR90F  
(B)=YSR90F-S  
(C)=YSR90F-L

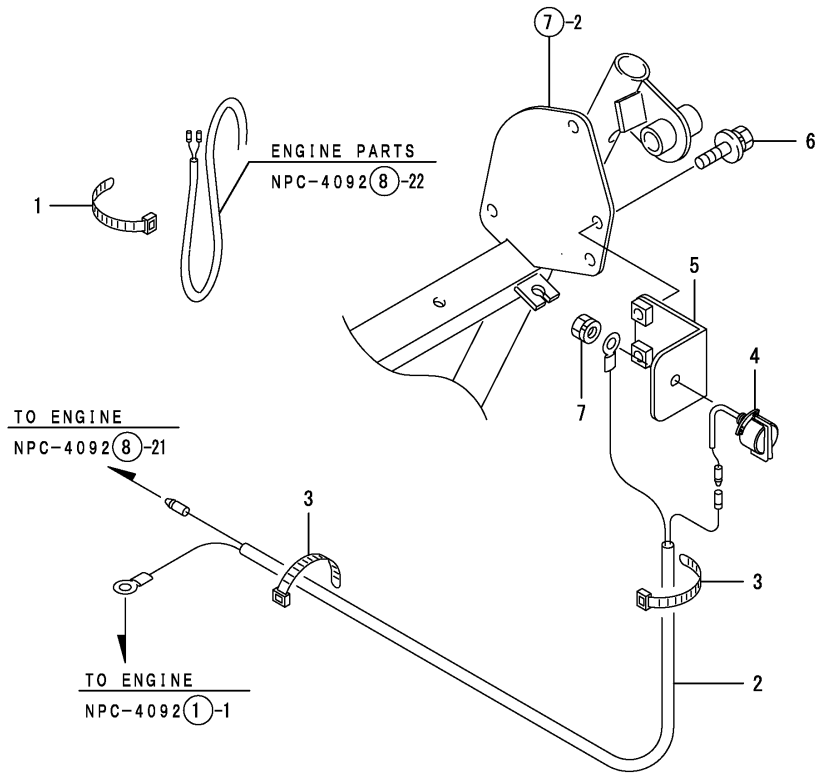
(D)=YSR90F-LS  
(E)=YSR100F-S  
(F)=

REF.	LEV.	PARTS NO.	DESCRIPTION	QTY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	1N3300-51010	BATTERY YB12AL-A		1		1	1			
2	1	1N3300-51100	COVER, BATTERY		1		1	1			
3	1	1N3300-51150	PLATE, BATTERY KEEP		1		1	1			
4	1	1N3300-51200	BAR, BATTERY RETAINER		2		2	2			
5	1	1N3300-51250	GUIDE, BATTERY		1		1	1			
6	1	1N3300-51300	CABLE, BATTERY POSIT.		1		1	1			
7	1	1N1710-51350	PIPE, VINYL		1		1	1			
8	1	1N3300-51350	CABLE, BATTERY NEG.		1		1	1			
9	1	22117-080000	WASHER 8		1		1	1			
10	1	22157-060000	WASHER 6		2		2	2			
11	1	26016-080164	BOLT M 8X 16		1		1	1			
12	1	26051-060002	NUT M 6		2		2	2			
13	1	26051-080002	NUT M 8		1		1	1			

Fig.20. HARNESS & SWITCH

(A)=YSR90F  
(B)=YSR90F-S  
(C)=YSR90F-L

(D)=YSR90F-LS  
(E)=YSR100F-S  
(F)=

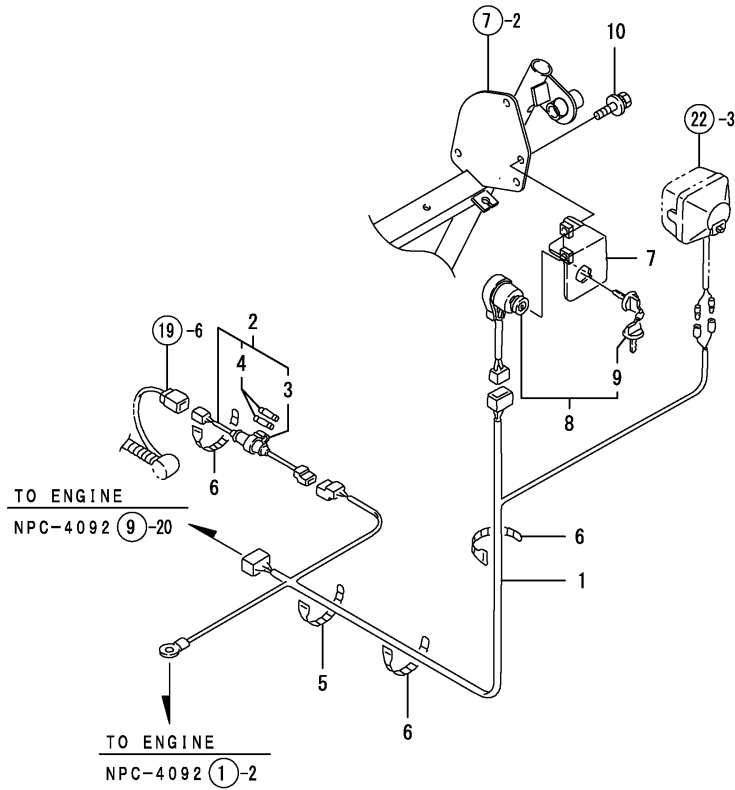


REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	1J3999-07000	BAND 100B	1		1					
2	1	1N3300-51400	HARNESS (T	1		1					
3	1	1E6102-84970	BAND 140	2		2					
4	1	1A1470-40900	SWITCH,STOP	1		1					
5	1	1N3300-51451	SEAT,SWICH T	1		1					
6	1	26018-080164	BOLT, 8 X 16	2		2					
7	1	26051-080002	NUT M 8	1		1					

Fig.21. HARNESS & SWITCH

(A)=YSR90F  
(B)=YSR90F-S  
(C)=YSR90F-L

(D)=YSR90F-LS  
(E)=YSR100F-S  
(F)=

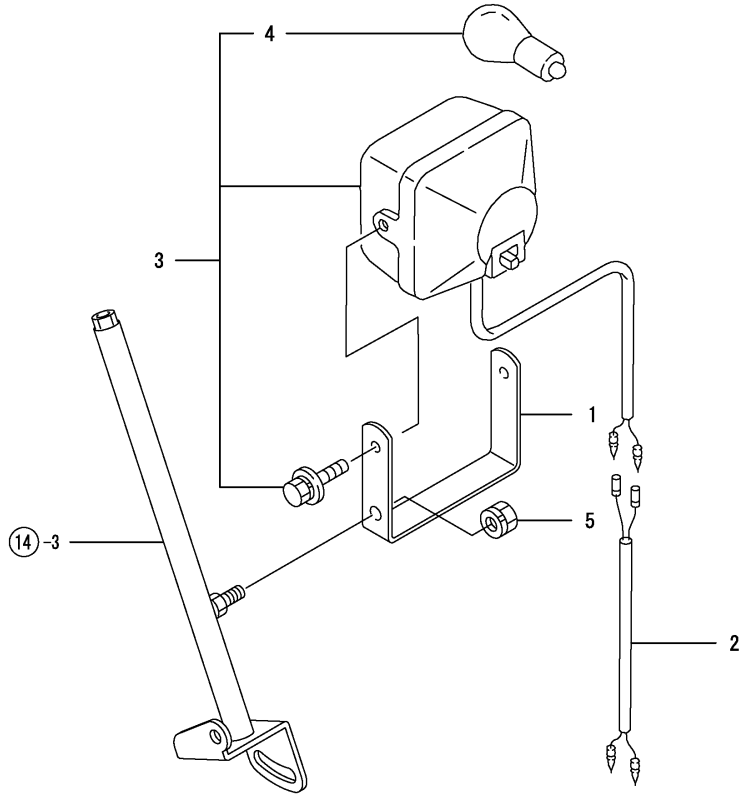


REF.	LEV.	PARTS NO.	DESCRIPTION	QTY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	1N3390-51000	HARNESS	1			1	1			
2	1	1N3021-51550	HOLDER ASSY.,FUSE	1			1	1			
3	2	1N3021-51560	HOLDER, FUSE	1			1	1			
4	2	29411-200000	FUSE (20A),CARTRIDGE		2		2	2			
5	1	1E6102-84960	CABLE BAND 250	1			1	1			
6	1	1E6102-84970	BAND 140		3		3	3			
7	1	1N3300-51552	SEAT, SWITCH TS	1			1	1			
8	1	1N3021-52300	SWITCH ASSY.,KEY	1			1	1			
9	2	160797-77270	KEY, REVERSE	1			1	1			
10	1	26018-080164	BOLT, 8 X 16		2		2	2			

Fig.22. LAMP

(A)=YSR90F  
(B)=YSR90F-S  
(C)=YSR90F-L

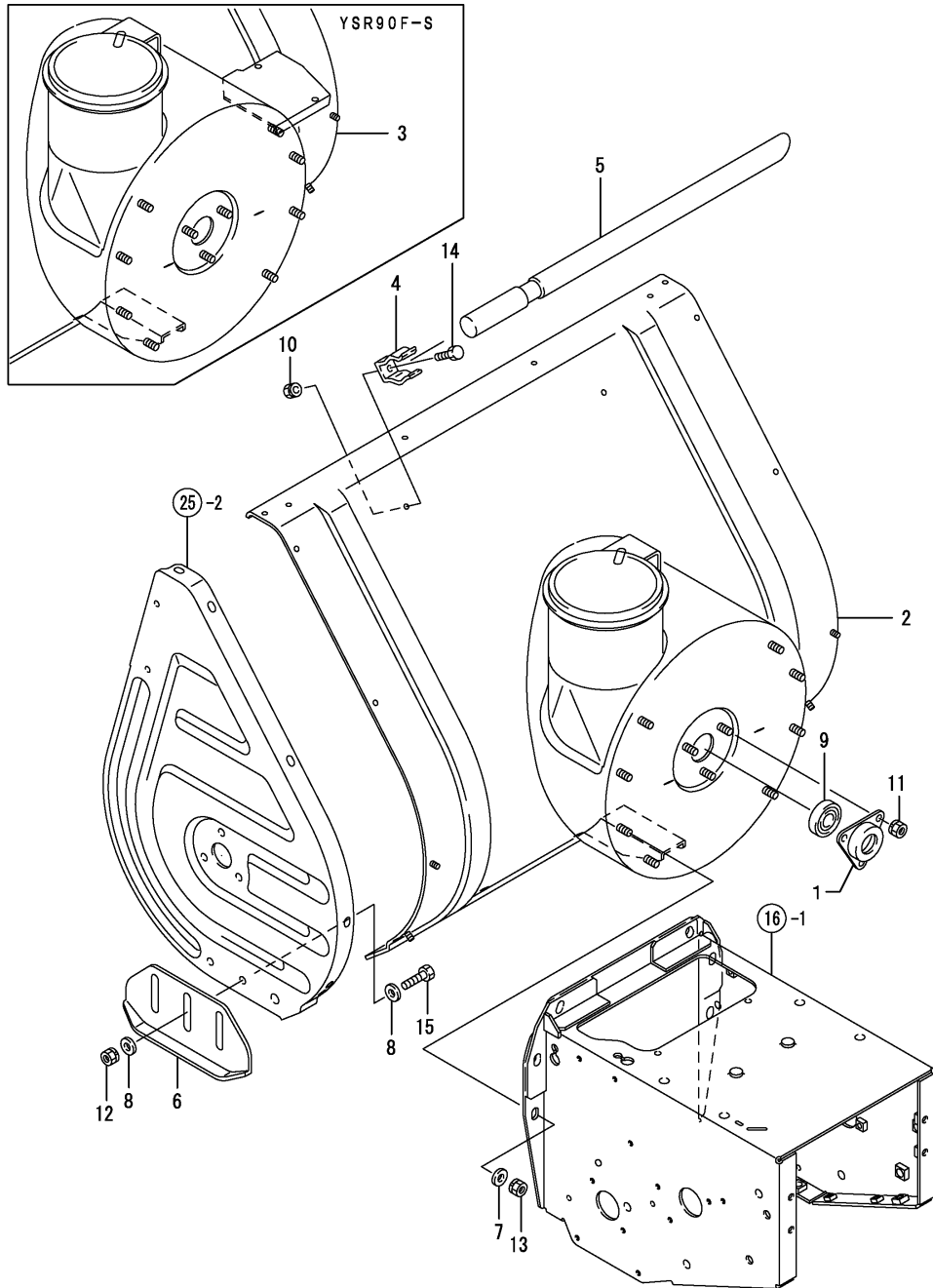
(D)=YSR90F-LS  
(E)=YSR100F-S  
(F)=



REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	1N3400-51450	STAY,LIGHT	1	1	1	1	1			
2	1	1N3300-51480	HARNESS, LAMP	1		1					
3	1	1N1711-51850	HEADLIGHT COMPL.	1	1	1	1	1			
4	2	1N1711-51860	LAMP 12V-15W G23	1	1	1	1	1			
5	1	26051-080002	NUT M 8	1	1	1	1	1			



Fig.23. SNOW REMOVING FRAME

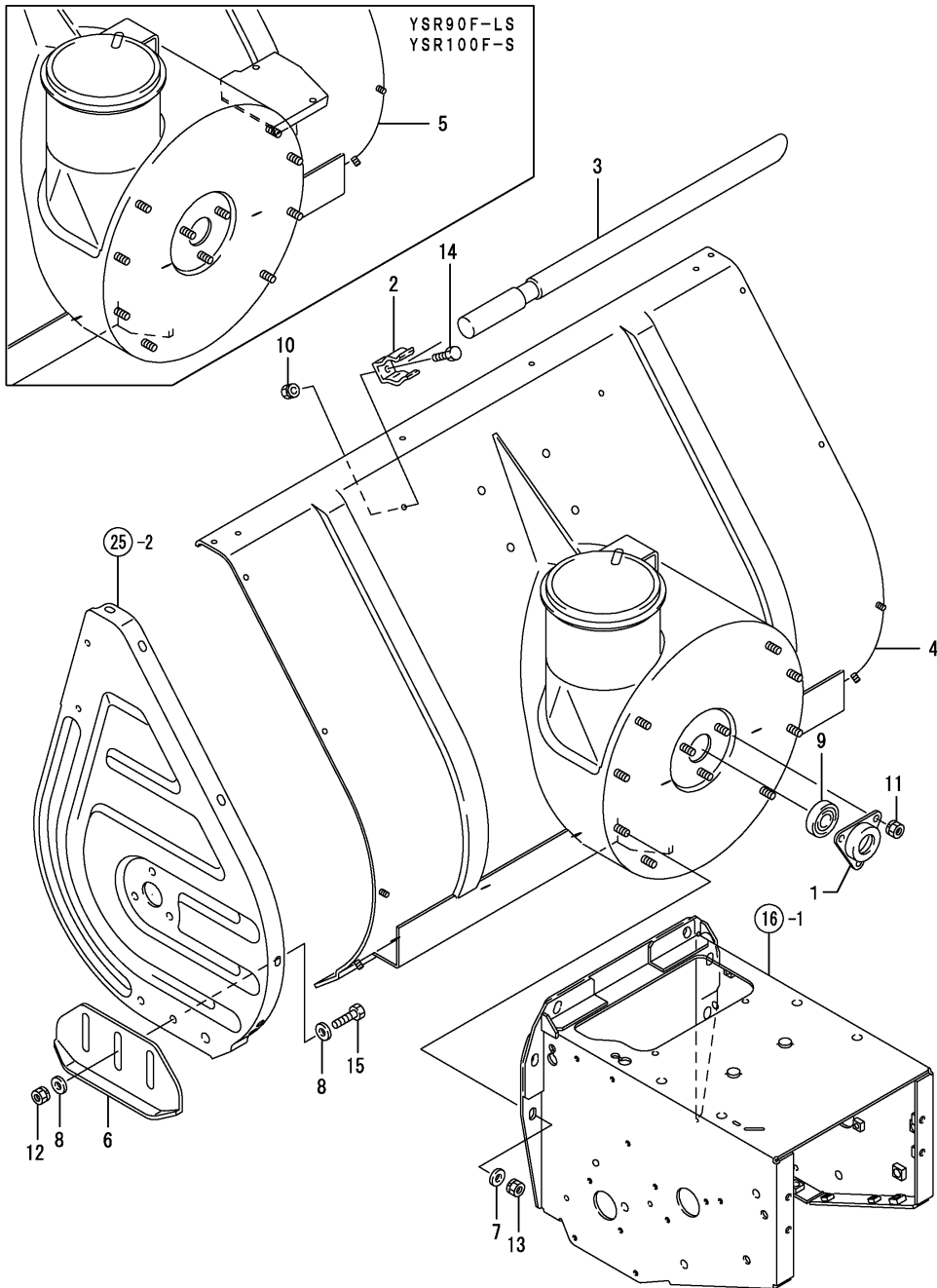


(A)=YSR90F  
(B)=YSR90F-S  
(C)=YSR90F-L

(D)=YSR90F-LS  
(E)=YSR100F-S  
(F)=

REF.	LEV.	PARTS NO.	DESCRIPTION	QTY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	1N1570-38210	BEARING 6203B	1	1						
2	1	7N3400-71000	PL.ASSY,WORK FRAME	1							
3	1	7N3400-71100	PL.ASSY,WORK FRAME		1						
4	1	1N1710-71062	STOPPER		2	2					
5	1	1N1710-71071	ROD,SNOW SHOVELING	1	1						
6	1	1N3300-71401	SHOE	2	2						
7	1	22137-080000	WASHER 8, POLISHED	6	6						
8	1	22137-080000	WASHER 8, POLISHED	8	8						
9	1	24104-062034	BALL BEARING	1	1						
10	1	26051-060002	NUT M 6	2	2						
11	1	26051-080002	NUT M 8	3	3						
12	1	26051-080002	NUT M 8	4	4						
13	1	26051-080002	NUT M 8	6	6						
14	1	26117-060122	BOLT, 6 X 12	2	2						
15	1	26117-080202	BOLT, 8 X 20	4	4						

Fig.24. SNOW REMOVING FRAME



OCNP4-G09000 24. SNOW REMOVING FRAME

(A)=YSR90F  
(B)=YSR90F-S  
(C)=YSR90F-L

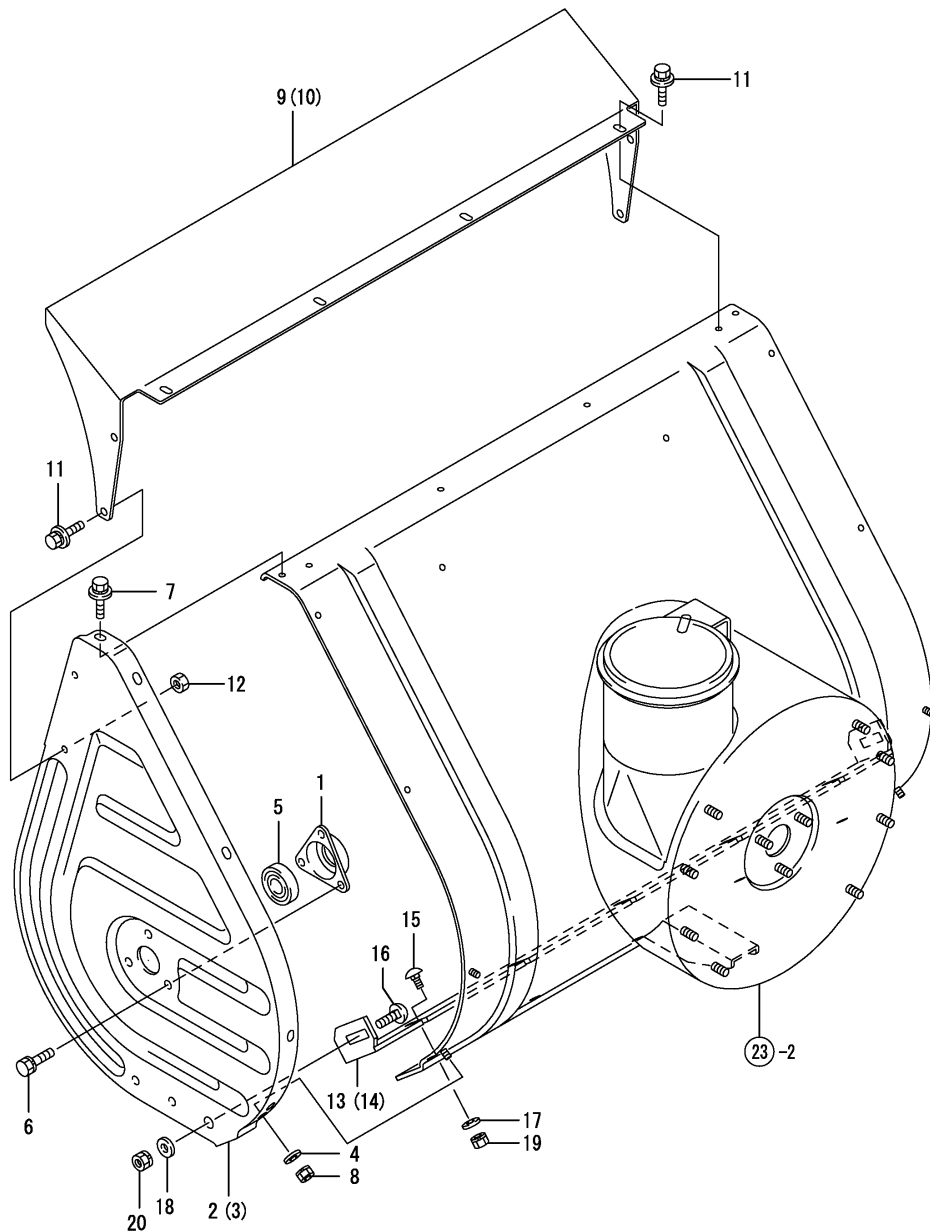
(D)=YSR90F-LS  
(E)=YSR100F-S  
(F)=

REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	1N1570-38210	BEARING 6203B			1	1	1			
2	1	1N1710-71062	STOPPER			2	2	2			
3	1	1N1710-71071	ROD,SNOW SHOVELING			1	1	1			
4	1	7N3415-71000	PL.ASSY,WORK FRAME			1					
5	1	7N3410-71100	PL.ASSY,WORK FRAME				1	1			
6	1	1N3300-71401	SHOE			2	2	2			
7	1	22137-080000	WASHER 8, POLISHED			6	6	6			
8	1	22137-080000	WASHER 8, POLISHED			8	8	8			
9	1	24104-062034	BALL BEARING			1	1	1			
10	1	26051-060002	NUT M 6			2	2	2			
11	1	26051-080002	NUT M 8			3	3	3			
12	1	26051-080002	NUT M 8			4	4	4			
13	1	26051-080002	NUT M 8			6	6	6			
14	1	26117-060122	BOLT, 6 X 12			2	2	2			
15	1	26117-080202	BOLT, 8 X 20			4	4	4			

Fig.25. AUGER COVER

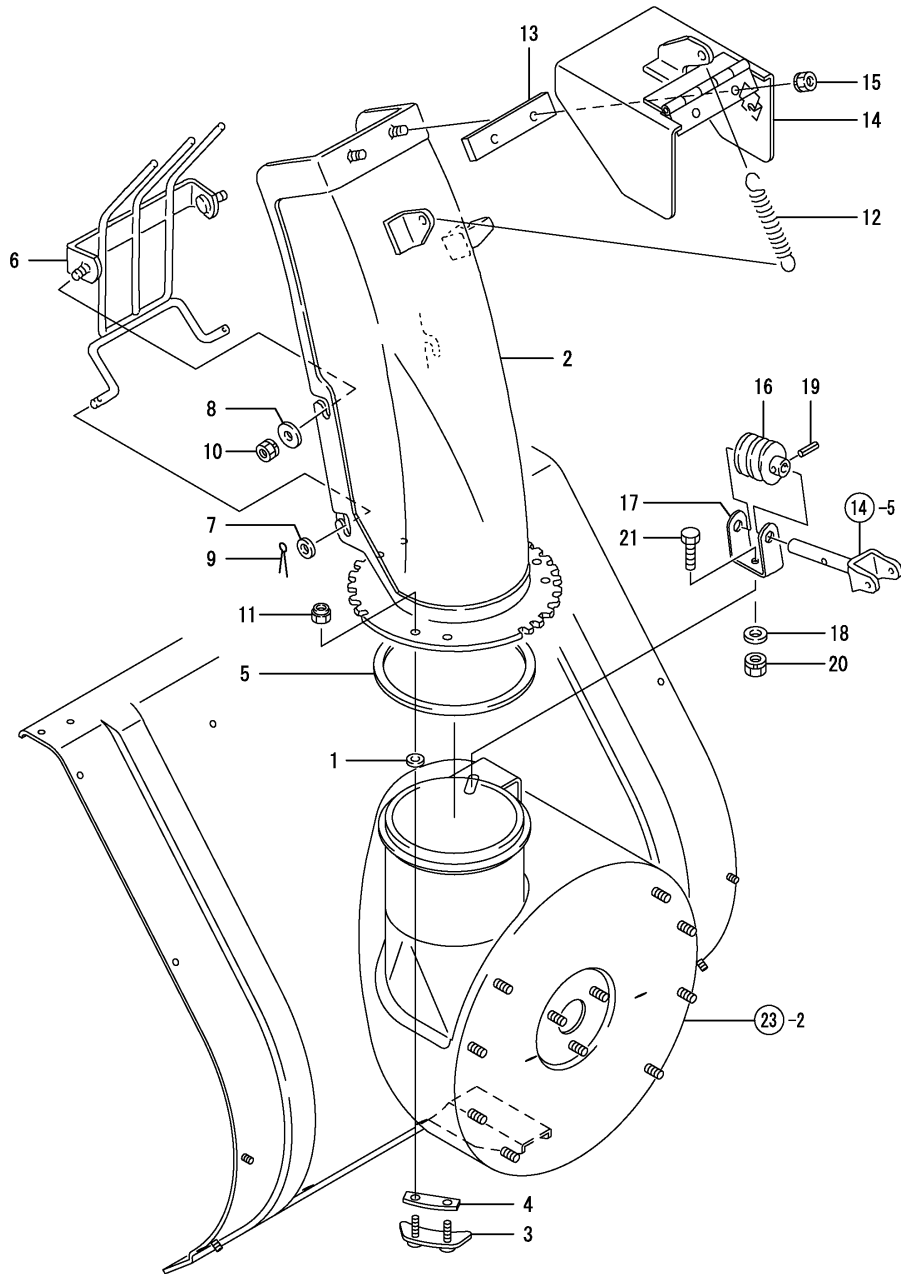
(A)=YSR90F  
(B)=YSR90F-S  
(C)=YSR90F-L

(D)=YSR90F-LS  
(E)=YSR100F-S  
(F)=



REF.	LEV.	PARTS NO.	DESCRIPTION	QTY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	1N1570-38200	BEARING 6203C	2	2	2	2	2			
2	1	1N3370-71300	PLATE L,AUGER SIDE	1	1	1	1	1			
3	1	1N3370-71350	PLATE R,AUGER SIDE	1	1	1	1	1			
4	1	22137-060000	WASHER 6, POLISHED	4	4	4	4	4			
5	1	24104-062034	BALL BEARING	2	2	2	2	2			
6	1	26016-080164	BOLT, 8 X 16	6	6	6	6	6			
7	1	26018-060124	BOLT, 6 X 12	6	6	6	6	6			
8	1	26051-060002	NUT M 6	4	4	4	4	4			
9	1	1N3400-71500	COVER,AUGER CASE	1	1						
10	1	1N3021-71500	COVER,AUGER CASE			1	1	1			
11	1	26018-060124	BOLT, 6 X 12	8	8	8	8	8			
12	1	26717-060002	NUT, 6	4	4	4	4	4			
13	1	1N1723-71301	PLATE,BOTTOM(650	1	1						
14	1	1N3020-71301	PLATE,BOTTOM(800			1	1	1			
15	1	1N3300-71320	BOLT	5	5	5	5	5			
16	1	1N3300-71330	BOLT	2	2	2	2	2			
17	1	22137-060000	WASHER 6, POLISHED	5	5	5	5	5			
18	1	22157-080000	WASHER 8	2	2	2	2	2			
19	1	26051-060002	NUT M 6	5	5	5	5	5			
20	1	26051-080002	NUT M 8	2	2	2	2	2			

Fig.26. CHUTE

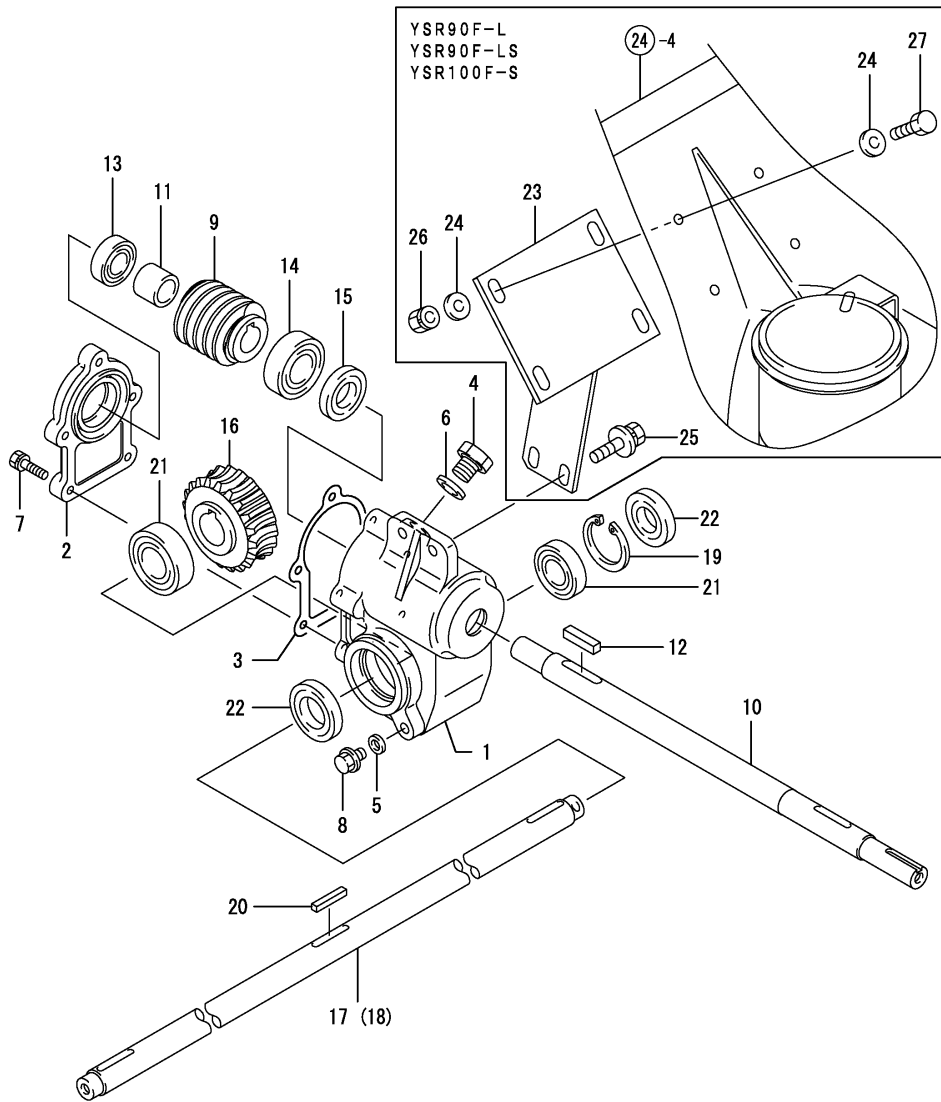


(A)=YSR90F  
(B)=YSR90F-S  
(C)=YSR90F-L

(D)=YSR90F-LS  
(E)=YSR100F-S  
(F)=

REF.	LEV.	PARTS NO.	DESCRIPTION	QTY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	1J3999-02160	WASHER	6	6	6	6	6			
2	1	7N3390-73000	PL.ASSY,CHUTE	1	1	1	1	1			
3	1	1N3021-73201	FIXTURE A,SHOOTER	3	3	3	3	3			
4	1	1N1711-73240	SPACER	3	3	3	3	3			
5	1	1N1711-73280	PLATE,FLOOR	1	1	1	1	1			
6	1	1N1960-73502	GUARD	1	1	1	1	1			
7	1	22137-060000	WASHER 6, POLISHED	2	2	2	2	2			
8	1	22157-060000	WASHER 6	2	2	2	2	2			
9	1	22417-200120	PIN, 2.0 X 12	2	2	2	2	2			
10	1	26051-060002	NUT M 6	2	2	2	2	2			
11	1	26347-060002	U-NUT, 6	6	6	6	6	6			
12	1	1N1570-73150	SPRING,CHUTE	1	1	1	1	1			
13	1	1N1711-73170	RUBBER,SNOW PROTECT.	1	1	1	1	1			
14	1	1N3300-73202	DEFLECTOR, CHUTE 9W	1	1	1	1	1			
15	1	26051-060002	NUT M 6	2	2	2	2	2			
16	1	1N3390-73300	WORM,3X3L	1	1	1	1	1			
17	1	1N3390-73350	BEAKING,WORM	1	1	1	1	1			
18	1	22137-080000	WASHER 8, POLISHED	1	1	1	1	1			
19	1	22351-050020	SPRING PIN 5X20	1	1	1	1	1			
20	1	26051-080002	NUT M 8	1	1	1	1	1			
21	1	26117-080162	BOLT, 8 X 16	1	1	1	1	1			

Fig.27. GEAR CASE



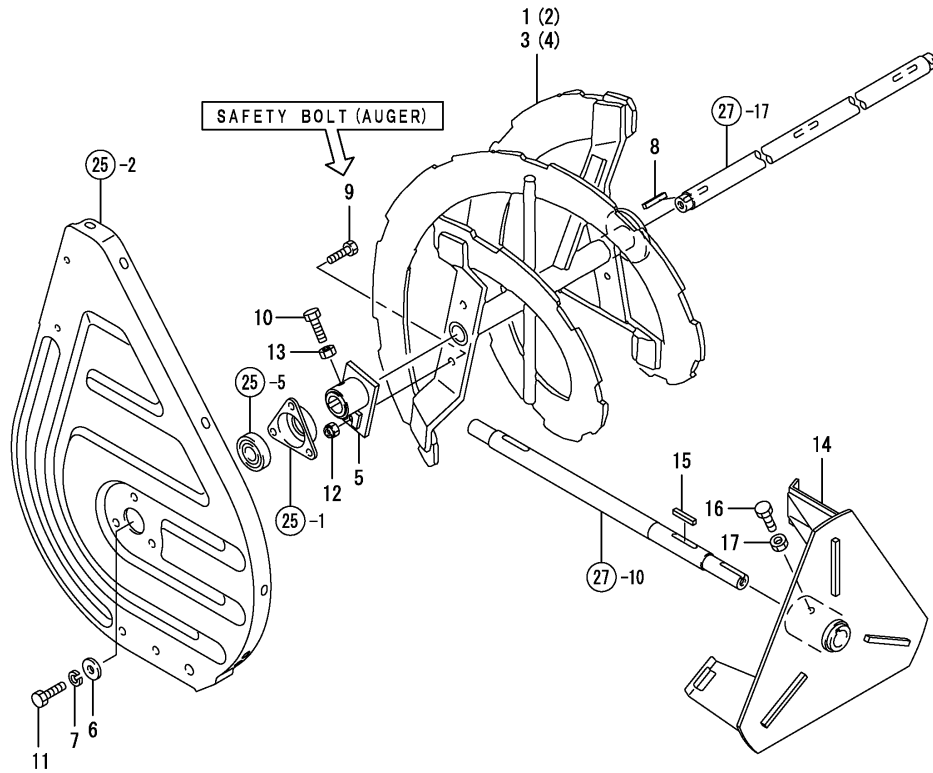
OCNP4-G09000 27. GEAR CASE

(A)=YSR90F  
(B)=YSR90F-S  
(C)=YSR90F-L

(D)=YSR90F-LS  
(E)=YSR100F-S  
(F)=

REF.	LEV.	PARTS NO.	DESCRIPTION	QTY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	1N3370-74000	CASE,SNOW RMV.GEAR	1	1	1	1	1			
2	1	1N3021-74010	COVER,SNOW RMV.GR.CS	1	1	1	1	1			
3	1	1N3021-74020	PACKING,SNOW RMV.CS.	1	1	1	1	1			
4	1	1N3021-74130	BOLT M14,DRAIN	1	1	1	1	1			
5	1	22190-080000	SEAL WASHER 8(BOLT)	1	1	1	1	1			
6	1	22190-140000	SEAL WASHER 14(BOLT)	1	1	1	1	1			
7	1	26016-060252	BOLT M 6X 25	5	5	5	5	5			
8	1	26107-080162	BOLT, 8 X 16	1	1	1	1	1			
9	1	1N3021-74030	WORM 3L2	1	1	1	1	1			
10	1	1N3370-74050	SHAFT,BLOWER	1	1	1	1	1			
11	1	1N3021-74080	COLLAR 18X25X20.5	1	1	1	1	1			
12	1	22550-070300	KEY, 7 X 30	1	1	1	1	1			
13	1	24101-060034	BALL BEARING	1	1	1	1	1			
14	1	24101-060044	BALL BEARING #6004	1	1	1	1	1			
15	1	24421-203508	SEAL, OIL	1	1	1	1	1			
16	1	1N3370-74040	WHEEL 3X20,WORM	1	1	1	1	1			
17	1	1N3400-74200	SHAFT,AUGER	1	1						
18	1	1N3410-74200	SHAFT,AUGER 800			1	1	1			
19	1	22252-000420	CIRCLIP 42	1	1	1	1	1			
20	1	22550-050300	KEY, 5 X 30	1	1	1	1	1			
21	1	24101-060044	BALL BEARING #6004	2	2	2	2	2			
22	1	24421-204208	SEAL TC20 42 08, OIL	2	2	2	2	2			
23	1	1N3021-74200	FIXTURE,GEAR CASE			1	1	1			
24	1	22137-080000	WASHER 8, POLISHED			8	8	8			
25	1	26018-080202	BOLT M 8X 20			2	2	2			
26	1	26051-080002	NUT M 8			4	4	4			
27	1	26117-080202	BOLT, 8 X 20			4	4	4			

Fig.28. AUGER & BLOWER



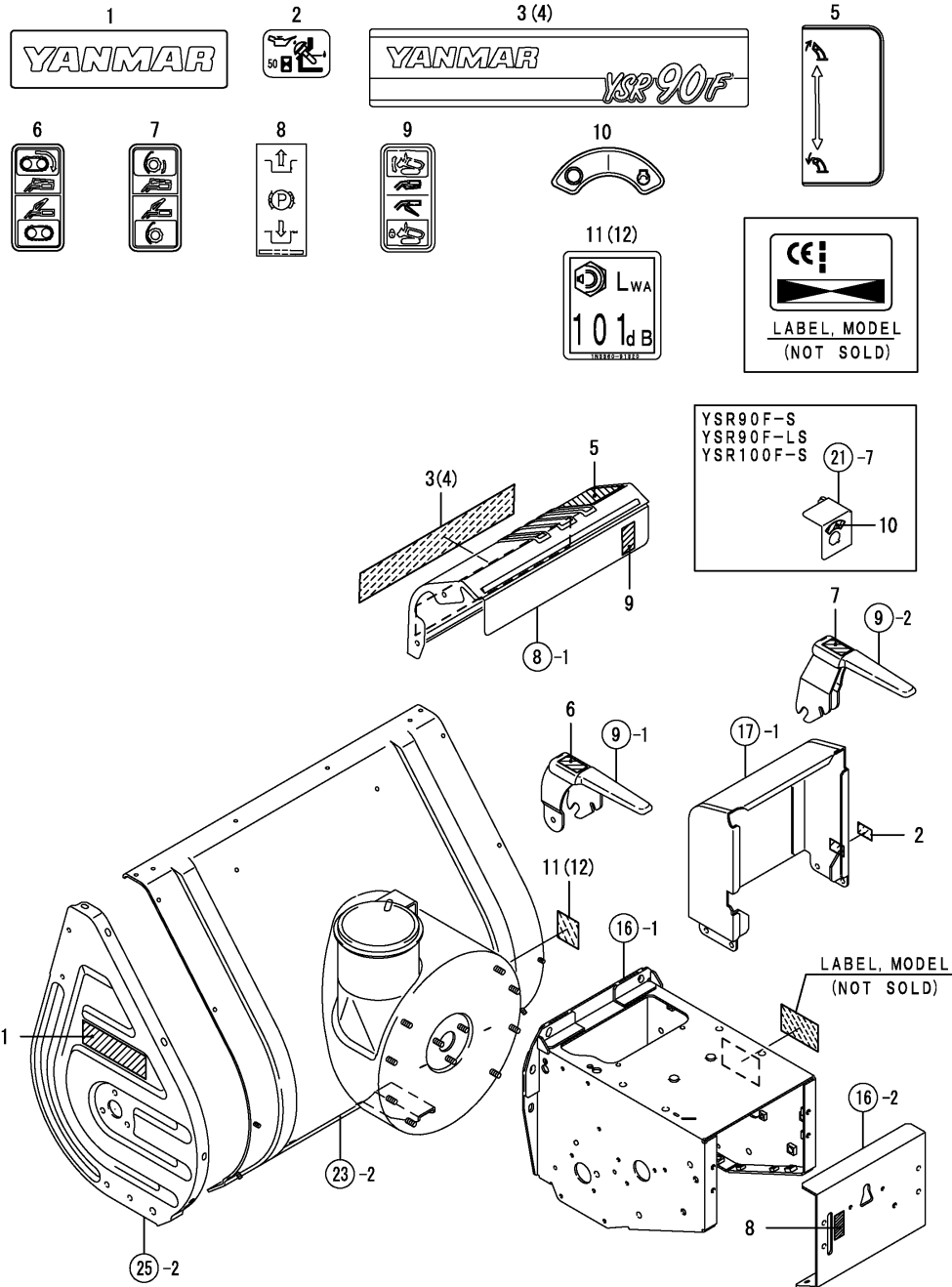
0CNP4-G09000 28. AUGER & BLOWER

(A)=YSR90F  
(B)=YSR90F-S  
(C)=YSR90F-L

(D)=YSR90F-LS  
(E)=YSR100F-S  
(F)=

REF.	LEV.	PARTS NO.	DESCRIPTION	QTY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	1N3400-75000	AUGER,L(650	1	1						
2	1	1N3400-75100	AUGER,R(650	1	1						
3	1	1N3410-75000	AUGER,L(800			1	1	1			
4	1	1N3410-75100	AUGER,R(800			1	1	1			
5	1	1N3330-75200	FLANGE,AUGER	2	2	2	2	2			
6	1	22157-080000	WASHER 8	2	2	2	2	2			
7	1	22217-080000	SPRING WASHER 8	2	2	2	2	2			
8	1	22550-050300	KEY, 5 X 30	2	2	2	2	2			
9	1	26116-060202	BOLT M 6X 20	2	2	2	2	2			
10	1	26116-080162	BOLT 8X16	2	2	2	2	2			
11	1	26116-080252	BOLT M 8X 25 PLATED	2	2	2	2	2			
12	1	26347-060002	U-NUT, 6	2	2	2	2	2			
13	1	26717-080002	NUT, 8	2	2	2	2	2			
14	1	1N3370-760000	BLOWER ASSY	1	1	1	1	1			
15	1	22550-050300	KEY, 5 X 30	1	1	1	1	1			
16	1	26116-080202	BOLT M 8X 20 PLATED	1	1	1	1	1			
17	1	26717-080002	NUT, 8	1	1	1	1	1			

Fig.29. LABELS



(A)=YSR90F  
(B)=YSR90F-S  
(C)=YSR90F-L

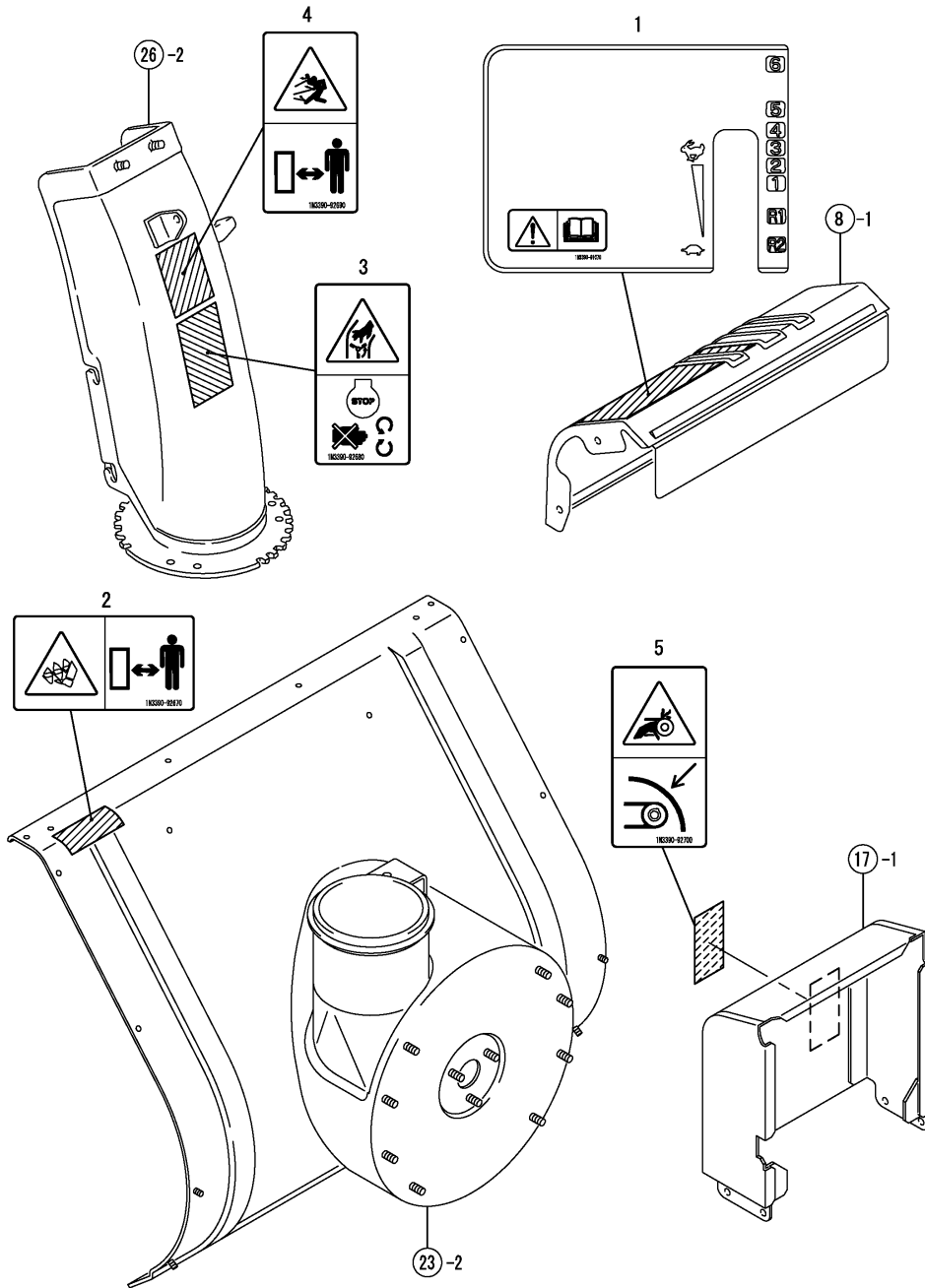
(D)=YSR90F-LS  
(E)=YSR100F-S  
(F)=

REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	1N1711-68190	MARK C "YANMAR"	2	2	2	2	2			
2	1	1N1711-68220	MARK,OIL CHECK	1	1	1	1	1			
3	1	1N3400-91050	MARK,MODEL	1	1	1	1				
4	1	1N3410-91050	MARK,MODEL							1	
5	1	1N3390-91080	MARK	1	1	1	1	1			
6	1	1N3021-91100	MARK,TRAVEL CLUTCH	1	1	1	1	1			
7	1	1N3021-91110	MARK,SNOW REM.CLUTCH	1	1	1	1	1			
8	1	1N3400-91260	MARK	1	1	1	1	1			
9	1	1N3390-91300	MARK	1	1	1	1	1			
10	1	1N3390-91090	MARK,SWITCH		1		1	1			
11	1	1N3360-91320	LABEL,SOUND LABEL	1	1	1	1				
12	1	1N3300-91300	MARK, SOUND LEVEL							1	

Fig.30. LABELS(SAFETY)

(A)=YSR90F  
(B)=YSR90F-S  
(C)=YSR90F-L

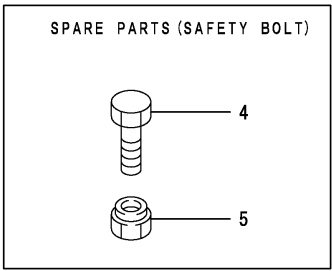
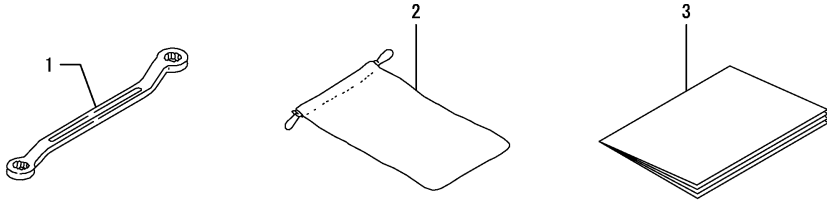
(D)=YSR90F-LS  
(E)=YSR100F-S  
(F)=



REF.	LEV.	PARTS NO.	DESCRIPTION	QTY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	1N3390-91070	LABEL,CAUTION	1	1	1	1	1			
2	1	1N3390-92670	LABEL,DANGER	1	1	1	1	1			
3	1	1N3390-92680	LABEL,WARNING	1	1	1	1	1			
4	1	1N3390-92690	LABEL,WARNING	1	1	1	1	1			
5	1	1N3390-92700	LABEL,CAUTION	1	1	1	1	1			



Fig.31. TOOLS & ACCESSORIES



Remarks  
 (1) IT IS A SPARE PART FOR SAFETY BOLT, GROUP NO.28, REF. NO.9.

0CNP4-G09000 31. TOOLS & ACCESSORIES

(A)=YSR90F  
 (B)=YSR90F-S  
 (C)=YSR90F-L

(D)=YSR90F-LS  
 (E)=YSR100F-S  
 (F)=

REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	28160-100120	WRENCH 10X12	1	1	1	1	1			
2	1	1F1150-92000	BAG,TOOL	1	1	1	1	1			
3	1	1N3390-96100	MANUAL, INSTRUCTION	1	1	1	1	1			
4	1	26116-060202	BOLT M 6X 20	10	10	10	10	10		1	
5	1	26347-060002	U-NUT, 6	10	10	10	10	10		1	

## Part Number Index

All parts are stipulated in the order of part numbers.

(Depending on the area in which the part is used.)

This index will display the location of the part according to each part number.

## PARTS No. INDEX

PARTS No.	Fig.	Ref.No.
160797-77270	21	9
194080-58820	1	7
194273-47910	1	24
1A1140-58050	13	5
1A1470-40900	20	4
1C1011-45020	10	22
1C6320-64680	11	6
	13	7
1E4760-43090	12	6
1E6102-84960	21	5
1E6102-84970	20	3
	21	6
1E6570-64760	11	7
1E6680-64240	13	6
1E6740-64200	12	7
1F1150-23140	6	5
1F1150-92000	31	2
1F5300-43300	14	11
1J3999-02010	1	5
1J3999-02160	26	1
1J3999-06000	10	14
1J3999-07000	10	1
	13	1
	20	1
1N1570-21200	4	2
1N1570-21300	4	5
1N1570-21600	6	1
1N1570-32950	12	5
1N1570-38200	25	1
1N1570-38210	23	1
	24	1
1N1570-51130	1	25
1N1570-73150	26	12
1N1710-32600	1	6
	10	7
1N1710-51350	19	7
1N1710-71062	23	4
	24	2
1N1710-71071	23	5
	24	3
1N1710-82140	7	3
1N1711-35520	14	10
1N1711-51850	22	3
1N1711-51860	22	4
1N1711-68190	29	1
1N1711-68220	29	2
1N1711-73170	26	13
1N1711-73240	26	4
1N1711-73280	26	5
1N1720-21211	4	4

PARTS No.	Fig.	Ref.No.
1N1723-00061	1	1
1N1723-00331	1	4
1N1723-32350	11	5
	13	2
1N1723-38500	18	6
1N1723-71301	25	13
1N1960-73502	26	6
1N3020-71301	25	14
1N3021-00250	1	3
1N3021-11240	2	5
1N3021-12050	3	12
1N3021-12100	3	2
1N3021-12150	3	3
1N3021-31451	10	17
1N3021-31480	10	18
1N3021-31580	10	20
1N3021-34390	14	2
1N3021-34710	14	8
1N3021-34720	14	9
1N3021-38600	18	7
1N3021-51550	21	2
1N3021-51560	21	3
1N3021-52300	21	8
1N3021-71500	25	10
1N3021-73201	26	3
1N3021-74010	27	2
1N3021-74020	27	3
1N3021-74030	27	9
1N3021-74080	27	11
1N3021-74130	27	4
1N3021-74200	27	23
1N3021-91100	29	6
1N3021-91110	29	7
1N3260-73250	14	12
1N3300-02150	1	22
1N3300-21000	4	1
1N3300-21310	4	8
1N3300-21400	4	9
1N3300-22100	5	2
1N3300-22170	5	4
1N3300-23050	6	3
1N3300-23180	6	6
1N3300-25100	6	24
	18	2
1N3300-31400	10	16
1N3300-31500	10	19
1N3300-32500	12	4
1N3300-34201	13	4
1N3300-51010	19	1
1N3300-51100	19	2

PARTS No.	Fig.	Ref.No.
1N3300-51150	19	3
1N3300-51200	19	4
1N3300-51250	19	5
1N3300-51300	19	6
1N3300-51350	19	8
1N3300-51400	20	2
1N3300-51451	20	5
1N3300-51480	22	2
1N3300-51552	21	7
1N3300-71320	25	15
1N3300-71330	25	16
1N3300-71401	23	6
	24	6
1N3300-73202	26	14
1N3300-91300	29	12
1N3310-23200	6	8
1N3320-71290	2	10
	9	3
1N3330-12050	3	5
1N3330-21300	4	6
1N3330-21400	4	10
1N3330-21410	4	11
1N3330-31350	10	15
1N3330-32090	11	3
1N3330-34651	14	6
1N3330-34700	14	7
1N3330-75200	28	5
1N3335-32050	11	2
1N3335-32090	11	4
1N3360-32000	11	1
1N3360-38000	18	1
1N3360-91320	29	11
1N3370-00200	1	2
1N3370-01000	1	16
1N3370-11050	2	2
1N3370-11200	2	4
1N3370-11271	2	6
1N3370-11400	2	8
1N3370-12010	3	11
1N3370-12200	3	13
1N3370-31200	10	2
1N3370-31300	10	3
1N3370-31450	10	4
1N3370-31650	10	6
1N3370-31700	10	21
1N3370-32100	11	11
1N3370-34000	13	3
1N3370-38500	18	16
1N3370-71300	25	2
1N3370-71350	25	3

PARTS No.	Fig.	Ref.No.
1N3370-74000	27	1
1N3370-74040	27	16
1N3370-74050	27	10
1N3370-76000	28	14
1N3390-02100	1	21
1N3390-23000	6	2
1N3390-23300	6	9
1N3390-23400	6	10
1N3390-30000	7	1
1N3390-31000	9	1
1N3390-31050	9	2
1N3390-31600	10	5
1N3390-32200	12	1
1N3390-32400	11	12
1N3390-34350	14	1
1N3390-34500	14	3
1N3390-34530	14	4
1N3390-34600	14	5
1N3390-35000	15	1
1N3390-35060	15	2
1N3390-35100	15	3
1N3390-35150	15	4
1N3390-35250	15	5
1N3390-35300	15	6
1N3390-35400	15	7
1N3390-35450	15	8
1N3390-35600	15	10
1N3390-35650	15	11
1N3390-35700	15	12
1N3390-37100	17	3
1N3390-37300	17	5
1N3390-38200	18	3
1N3390-51000	21	1
1N3390-73300	26	16
1N3390-73350	26	17
1N3390-91070	30	1
1N3390-91080	29	5
1N3390-91090	29	10
1N3390-91300	29	9
1N3390-92670	30	2
1N3390-92680	30	3
1N3390-92690	30	4
1N3390-92700	30	5
1N3390-96100	31	3
1N3400-02200	1	23
1N3400-11000	2	1
1N3400-11100	2	3
1N3400-11300	2	7
1N3400-11450	2	9
1N3400-12000	3	1

MODEL : YSR90F,100F  
PC NO : 0CNP4-G09000

## PARTS No. INDEX

PARTS No.	Fig.	Ref.No.
1N3400-21200	4	3
1N3400-21300	4	7
1N3400-22000	5	1
1N3400-22150	5	3
1N3400-22200	5	5
1N3400-23100	6	4
1N3400-23180	6	7
1N3400-25000	6	23
1N3400-30100	7	2
1N3400-32300	12	2
1N3400-32350	12	3
1N3400-35500	15	9
1N3400-36000	16	1
1N3400-36100	16	2
1N3400-36200	16	3
1N3400-38400	18	4
1N3400-38450	18	5
1N3400-51450	22	1
1N3400-71500	25	9
1N3400-74200	27	17
1N3400-75000	28	1
1N3400-75100	28	2
1N3400-91050	29	3
1N3400-91260	29	8
1N3410-74200	27	18
1N3410-75000	28	3
1N3410-75100	28	4
1N3410-91050	29	4
1S6000-61220	4	12
7N3390-30290	8	1
7N3390-73000	26	2
7N3400-37000	17	1
7N3400-71000	23	2
7N3400-71100	23	3
7N3410-71100	24	5
7N3415-71000	24	4

PARTS No.	Fig.	Ref.No.
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PARTS No.	Fig.	Ref.No.
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PARTS No.	Fig.	Ref.No.
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**YANMAR CO.,LTD.**



# PARTS CATALOG

Published

2009/4 (Apr.)

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0CNP4-G09300

## Directions for the Parts Catalog.

- The parts stipulated in this Parts Catalog are not necessarily standard equipped parts.
- Parts may change without prior notice.
- The following is an example of the Parts Catalog format.

REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	729595-51390	FUEL INJECTION PUMP	1	1	1	1	1			1
1-1	1	729595-51391	FUEL INJECTION PUMP	1	1	1	1	1		N	1
		(A=E00185) (B=E00200)									
3	2	26022-060162	SCREW M 6X 16	9	9	9	9	9			
3-1	2	26022-060162	SCREW M 6X 16	4	4	4	4	4		K	
		(A=E00156) (B=E00156) (C=E00156) (D=E00156) (E=E00156)									
4	2	129470-51040	CAMSHAFT	1	1	1	1	1			
5	2	122710-51050	BEARING, ROLLER	2	2	2	2	2			
6	2	129470-51060	RETAINER	1	1	1	1	1			

Remarks
(1) BOOST COMPEMSATOR TYPE. OPTIONAL PART, TO E/#00155,(4JH-DT, 4JH-DTZ)

### ① Ref. No.

The Ref. No. listed may not be in accordance with the illustration Ref. No.

(Ex.) Illustration No. 1 List Ref No. 1 (Before change) → 1-1 (After change)

For interchangeable symbols N, R and K, illustrations for new parts may be abbreviated.

### ② Lev. (Level)

Level indication

The numbers below indicate the level of relativity towards the main part.

1 ---- Main parts (Assembly parts)

2 ---- Sub component included in " 1 ".

3 ---- Sub component included in " 2 ".

Note) Parts that are not for sale are partially illustrated but not listed.

### ③ Change Mark

The "I" indicates parts that were newly changed.

### ④ Interchangeability Mark

When a part change takes place, one of the following interchangeability symbols is indicated beside the part.

Symbol	Interchangeability	Contents note
N	Old $\begin{matrix} \leftarrow \text{Yes} \\ \text{No} \rightarrow \end{matrix}$ New	New Part is interchangeable for Old Part but Old Part is not interchangeable for New Part.
Q	Old $\begin{matrix} \leftarrow \text{No} \\ \text{Yes} \rightarrow \end{matrix}$ New	New Part is not interchangeable for Old Part but Old Part is interchangeable for New Part.
R	Old $\begin{matrix} \leftarrow \text{Yes} \\ \text{Yes} \rightarrow \end{matrix}$ New	New/ Old Parts are both interchangeable.
S	Old $\begin{matrix} \leftarrow \text{No} \\ \text{No} \rightarrow \end{matrix}$ New	New/ Old Parts are both not interchangeable.
W		Part discontinued.
Z		Part newly added.
F		Not interchangeable by a single part but interchangeable together with related parts.
K		Changes only for used parts quantities.

### ⑤ Effective Machine No.

When a part changes, the effective Machine No. will be indicated in the (A)-(F) column.

Product Symbol	Product No.	Product Symbol	Product No.
C	Clutch No. Compressor No.	F	Machine No. (Agricultural Equip.)
D	Drive No.	M	Machine No.
E	Engine No.	Note 1)	Date

Note 1) A date may follow the symbol. (Ex.) 1996.01

Note 2) " XXX " are for parts that could not be predicted or for engine models that could not be identified.

Note 3) (A=E00185) is the E (Engine Serial Number) for the column (A) model (in this case 4JH-DT) after the parts design change.

### ⑥ Remarks Mark

Figures or alphabets (symbols) are entered in the remarks column.

The comments (remarks) on parts that are indicated at the bottom of the illustration are the same symbols as those stated above.

# CONTENTS

MODEL : GA240E-S(E)J1(4090,1

PC NO : 0CNP4-G09300

Fig.No. GROUP NAME

## ENGINE SECTION (GA240E-S(E)J

1. CYLINDER BLOCK
2. CYLINDER HEAD & BONNET
3. AIR CLEANER & MUFFLER
4. CRANKSHAFT, PISTON & CAMSHAFT
5. FUEL TANK & FUEL LINE
6. CARBURATOR
7. GOVERNOR & CONTROL DEVICE
8. FLYWHEEL MAGNET & STARTING DEVICE
9. STARTING MOTOR
10. TOOL & LABEL

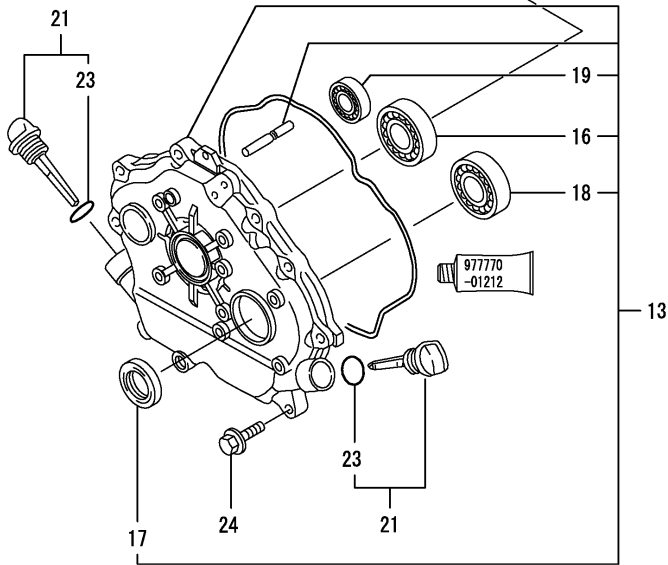
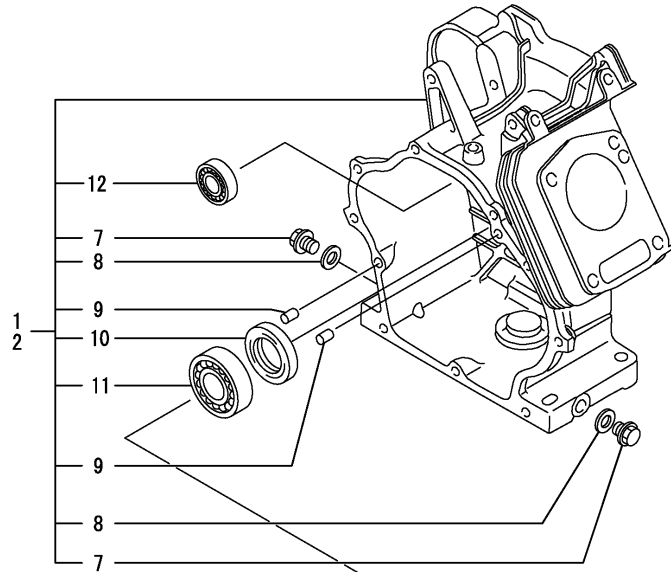
Fig.No. GROUP NAME



Fig.1. CYLINDER BLOCK

(A)=GA240E-SJ1  
(B)=GA240E-SEJ1  
(C)=

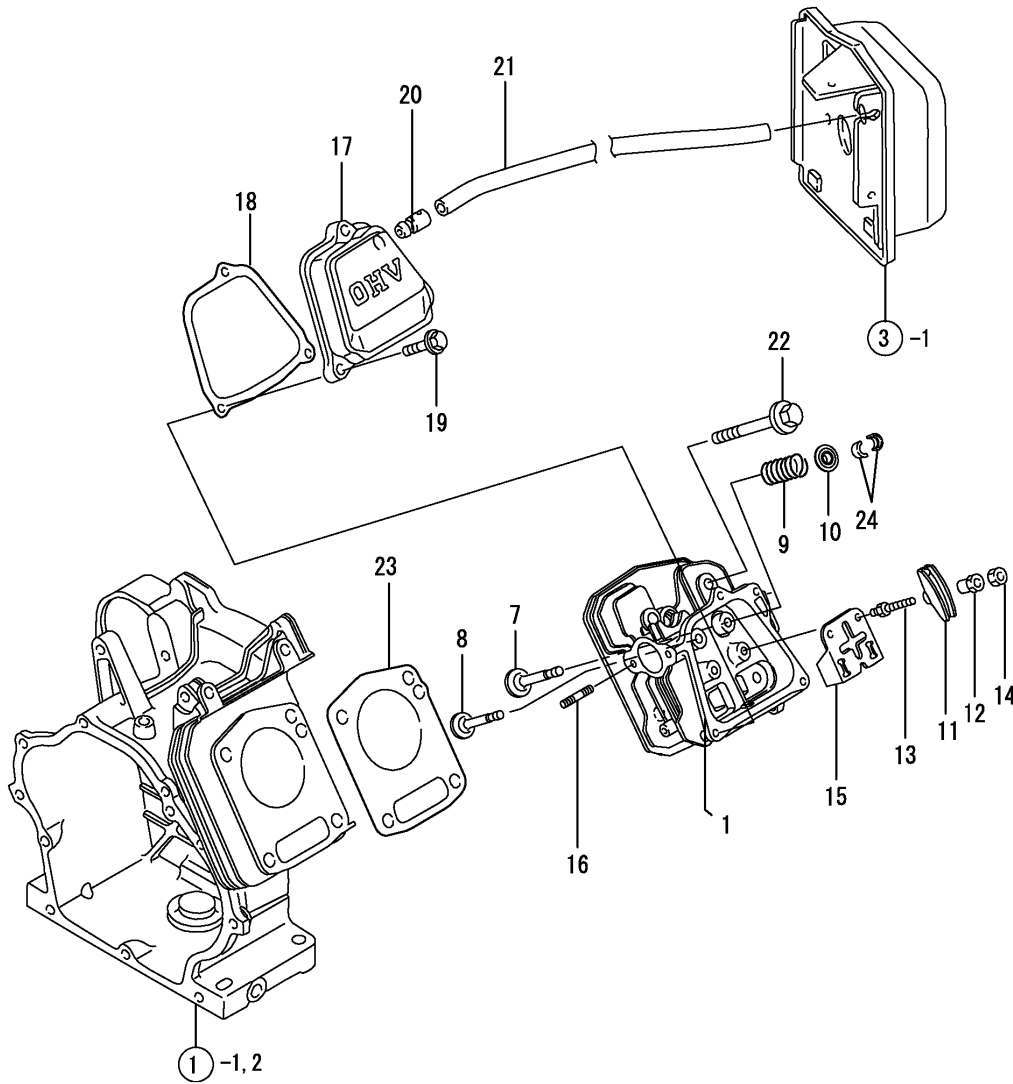
(D)=  
(E)=  
(F)=



REF.	LEV.	PARTS NO.	DESCRIPTION	QTY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	760798-01580	BLOCK ASSY, CYLINDER	1							
2	1	760798-01561	BLOCK ASSY,CYLINDER		1						
7	2	160610-01690	PLUG, DRAIN	2	2						
8	2	104200-59170	GASKET 12	2	2						
9	2	114270-01600	PARALLEL PIN 8X12	2	2						
10	2	160110-02220	SEAL, OIL	1	1						
11	2	129900-26250	BALL BEARING	1	1						
12	2	160903-28020	BALL BEARING	1	1						
13	1	760792-01504	COVER, CRANKCASE	1	1						
16	2	129900-26250	BALL BEARING	1	1						
17	2	160110-02220	SEAL, OIL	1	1						
18	2	129900-26250	BALL BEARING	1	1						
19	2	160903-28020	BALL BEARING	1	1						
21	1	160810-01740	CAP, W/LUB.OIL GAUGE	2	2						
23	2	24311-000180	O-RING 1A P-18.0	2	2						
24	1	26106-080302	BOLT M 8X 30 PLATED	9	9						

Remarks  
(REMARKS)"EFFECTIVE MACHINE NO." OF  
ENGINE IS INDICATED ON THE  
ENGINE LABEL WHICH IS SHOWN  
IN FIG.8.

Fig.2. CYLINDER HEAD & BONNET



0CNP4-G09300 2. CYLINDER HEAD & BONNET

(A)=GA240E-SJ1  
(B)=GA240E-SEJ1  
(C)=

(D)=  
(E)=  
(F)=

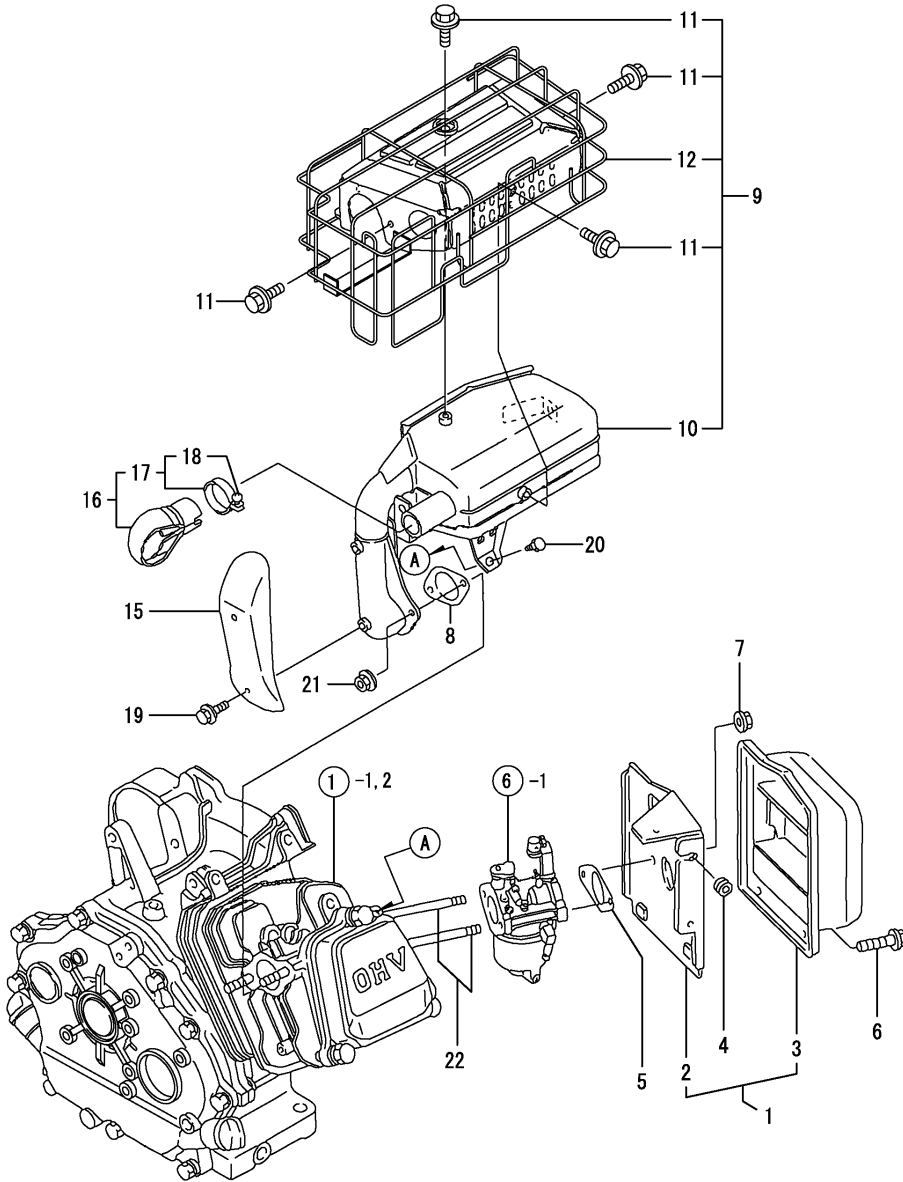
REF.	LEV.	PARTS NO.	DESCRIPTION	QTY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	160790-11011	HEAD ASSY, CYLINDER	1	1						
7	1	160790-11101	VALVE, SUCTION	1	1						
8	1	160790-11111	VALVE, EXHAUST	1	1						
9	1	160890-11120	SPRING, VALVE	2	2						
10	1	160890-11190	RETAINER, VALVE SP.	2	2						
11	1	160890-11202	ARM, ROCKER	2	2						
12	1	160690-11222	PIVOT,ROCKER ARM	2	2						
13	1	160890-11270	BOLT,ROCKER ARM	2	2						
14	1	160690-11280	NUT M6X 0.5	2	2						
15	1	160890-11290	PLATE, GUIDE	1	1						
16	1	160890-04330	BOLT M 8X 18	2	2						
17	1	160890-11300	BONNET	1	1						
18	1	160890-11311	GASKET, BONNET	1	1						
19	1	26106-060352	BOLT M 6X 35 PLATED	3	3						
20	1	160610-03050	BREATHER ASSY	1	1						
21	1	160991-03180	PIPE, BREATHER	1	1						
22	1	160890-01210	BOLT 10X 70	4	4						
23	1	160890-01331	GASKET, CYL. HEAD	1	1						
24	1	720380-11570	COTTER	2	2						

Remarks  
(REMARKS)"EFFECTIVE MACHINE NO." OF  
ENGINE IS INDICATED ON THE  
ENGINE LABEL WHICH IS SHOWN  
IN FIG.8.

Fig.3. AIR CLEANER & MUFFLER

(A)=GA240E-SJ1  
 (B)=GA240E-SEJ1  
 (C)=

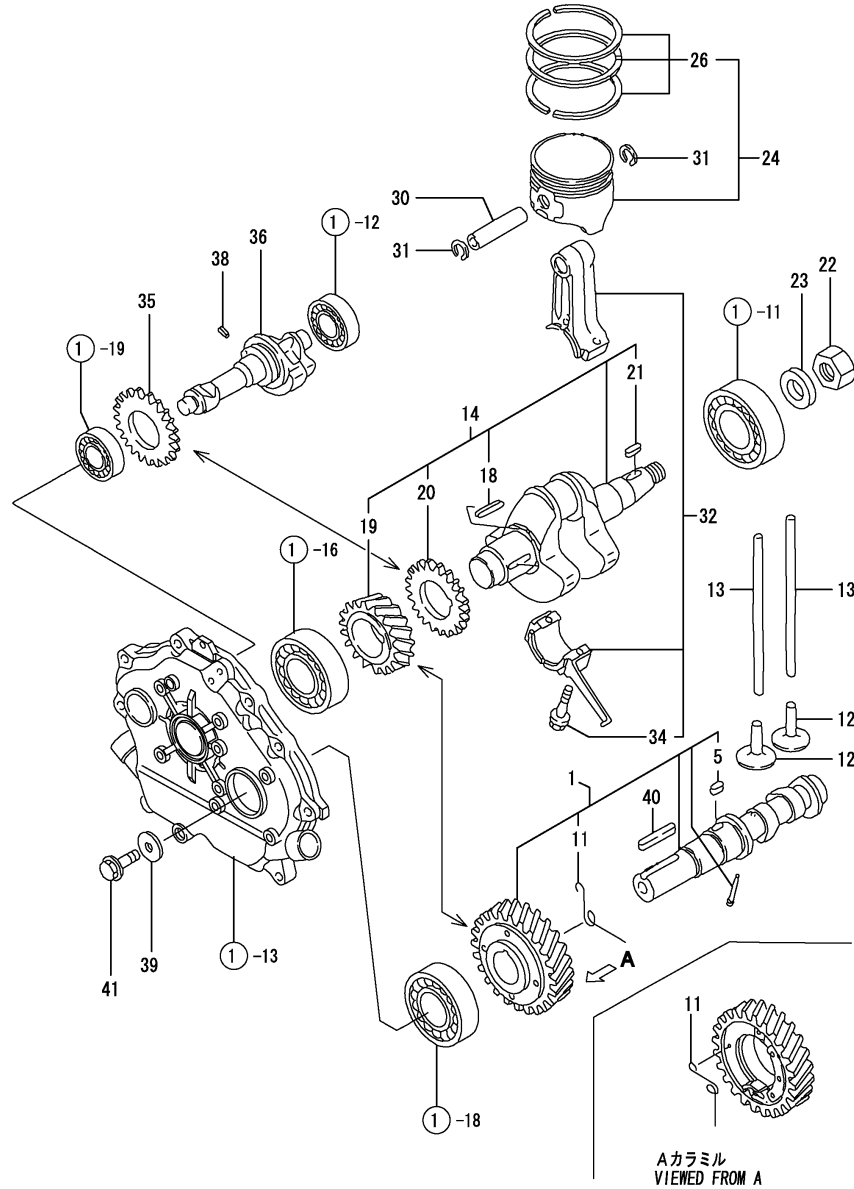
(D)=  
 (E)=  
 (F)=



REF.	LEV.	PARTS NO.	DESCRIPTION	QTY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	160891-12500	CLEANER, AIR	1	1						
2	2	160891-12520	BODY, AIR CLEANER	1	1						
3	2	160891-12530	AIR CLEANER COVER	1	1						
4	1	160763-12600	GROMMET, AIR CLEANER	1	1						
5	1	160810-56151	GASKET, CARBURETOR	1	1						
6	1	26106-060082	BOLT M 6X 8 PLATED	3	3						
7	1	114250-12300	U-NUT	2	2						
8	1	160890-13211	GASKET, MUFFLER	1	1						
9	1	160891-13010	MUFFLER ASSY	1	1						
I	9-1	1 160891-13011	MUFFLER ASSY	1	1						N
		(A=*2009.04) (B=*2009.04)									
10	2	160890-13580	MUFFLER	1	1						
I	10-1	2 160890-13581	MUFFLER	1	1						N
		(A=*2009.04) (B=*2009.04)									
11	2	114252-13950	BOLT M 6X 8 PLATED	4	4						
12	2	160891-13550	COVER, MUFFLER	1	1						
15	1	160890-13660	COVER, ELBOW	1	1						
16	1	114252-13800	PIPE ASSY, EXTERNAL	1	1						
17	2	114252-13910	CLAMP	1	1						
18	3	114252-13960	SCREW 6X 25	1	1						
19	1	114252-13950	BOLT M 6X 8 PLATED	2	2						
20	1	160890-13910	BOLT M 6X 20	1	1						
21	1	26366-080002	NUT M 8	2	2						
22	1	160610-04630	BOLT M6X 82	2	2						

Remarks  
 (REMARKS)"EFFECTIVE MACHINE NO." OF  
 ENGINE IS INDICATED ON THE  
 ENGINE LABEL WHICH IS SHOWN  
 IN FIG.8.

Fig.4. CRANKSHAFT, PISTON & CAMSHAFT



4. CRANKSHAFT, PISTON & CAMSHAFT

(A)=GA240E-SJ1  
(B)=GA240E-SEJ1  
(C)=

(D)=  
(E)=  
(F)=

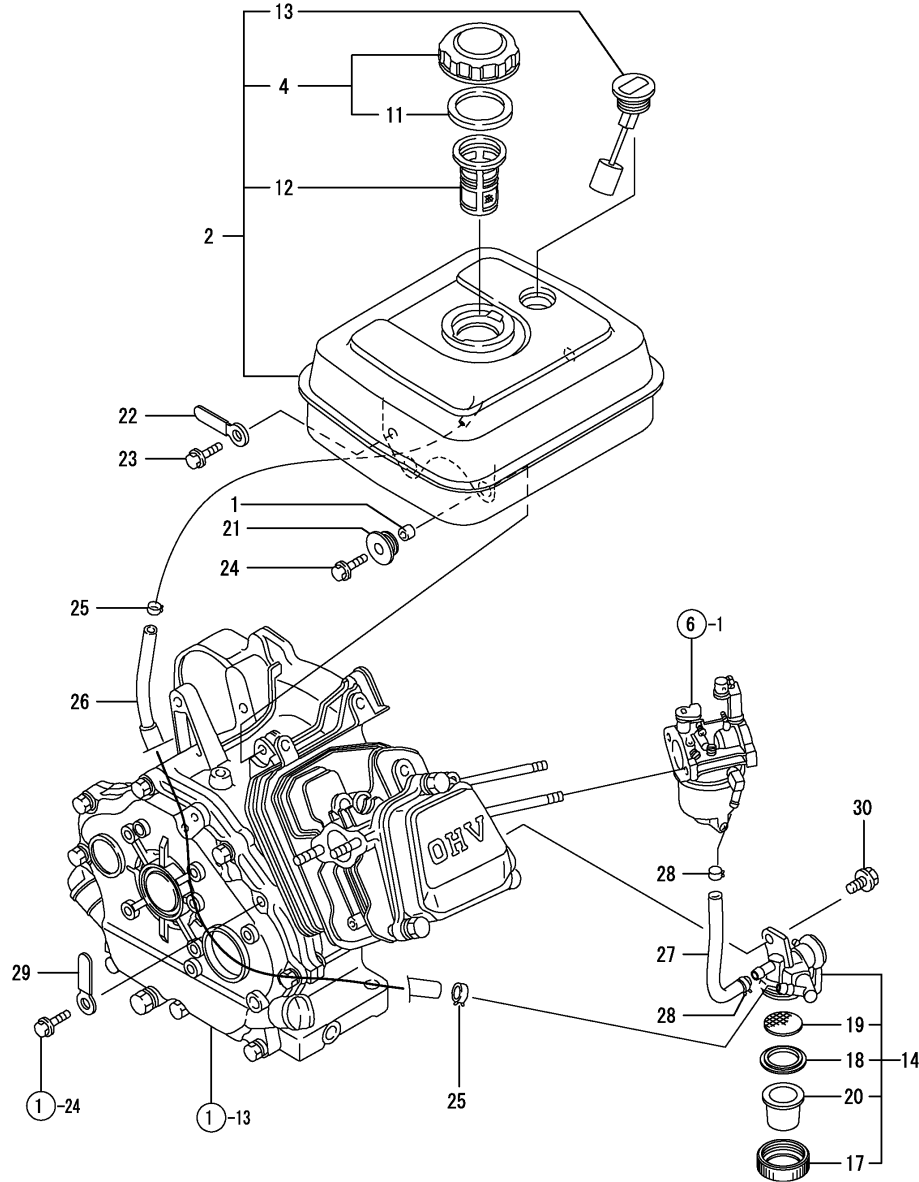
REF.	LEV.	PARTS NO.	DESCRIPTION	QTY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	160890-14052	CAM-SHAFT ASSY	1	1						
5	2	22512-050160	KEY 5X16,FEATHER	1	1						
11	2	160890-14560	SPRING, DECOMP.	1	1						
12	1	160890-14200	TAPPET	2	2						
13	1	114250-14400	ROD, PUSH	2	2						
14	1	760790-21700	CRANKSHAFT ASSY	1	1						
18	2	22512-040300	KEY 4X 30	1	1						
19	2	160890-21200	GEAR, CRANKSHAFT	1	1						
20	2	160890-21220	GEAR, BALANCER	1	1						
21	2	22512-040160	KEY 4X 16	1	1						
22	1	26737-160002	NUT M16	1	1						
23	1	22137-160000	WASHER 16,POLISHED	1	1						
24	1	160798-22010	PISTON W/RINGS	1	1						
26	2	760798-22500	RING SET, PISTON	1	1						
30	1	160890-22300	PIN, PISTON	1	1						
31	1	22252-000190	CIRCLIP 19	2	2						
32	1	760790-23700	ROD ASSY, CONNECTING	1	1						
34	2	160810-23201	BOLT, ROD	2	2						
35	1	160890-21220	GEAR, BALANCER	1	1						
36	1	160790-28010	SHAFT, BALANCER	1	1						
38	1	22351-040008	SPRING PIN 4X 8	1	1						
39	1	160310-14550	WASHER	1	1						
40	1	22512-070380	KEY 7X 38	1	1						
41	1	26106-080202	BOLT M 8X 20 PLATED	1	1						

Remarks  
(REMARKS)"EFFECTIVE MACHINE NO." OF  
ENGINE IS INDICATED ON THE  
ENGINE LABEL WHICH IS SHOWN  
IN FIG.8.

Fig.5. FUEL TANK & FUEL LINE

(A)=GA240E-SJ1  
(B)=GA240E-SEJ1  
(C)=

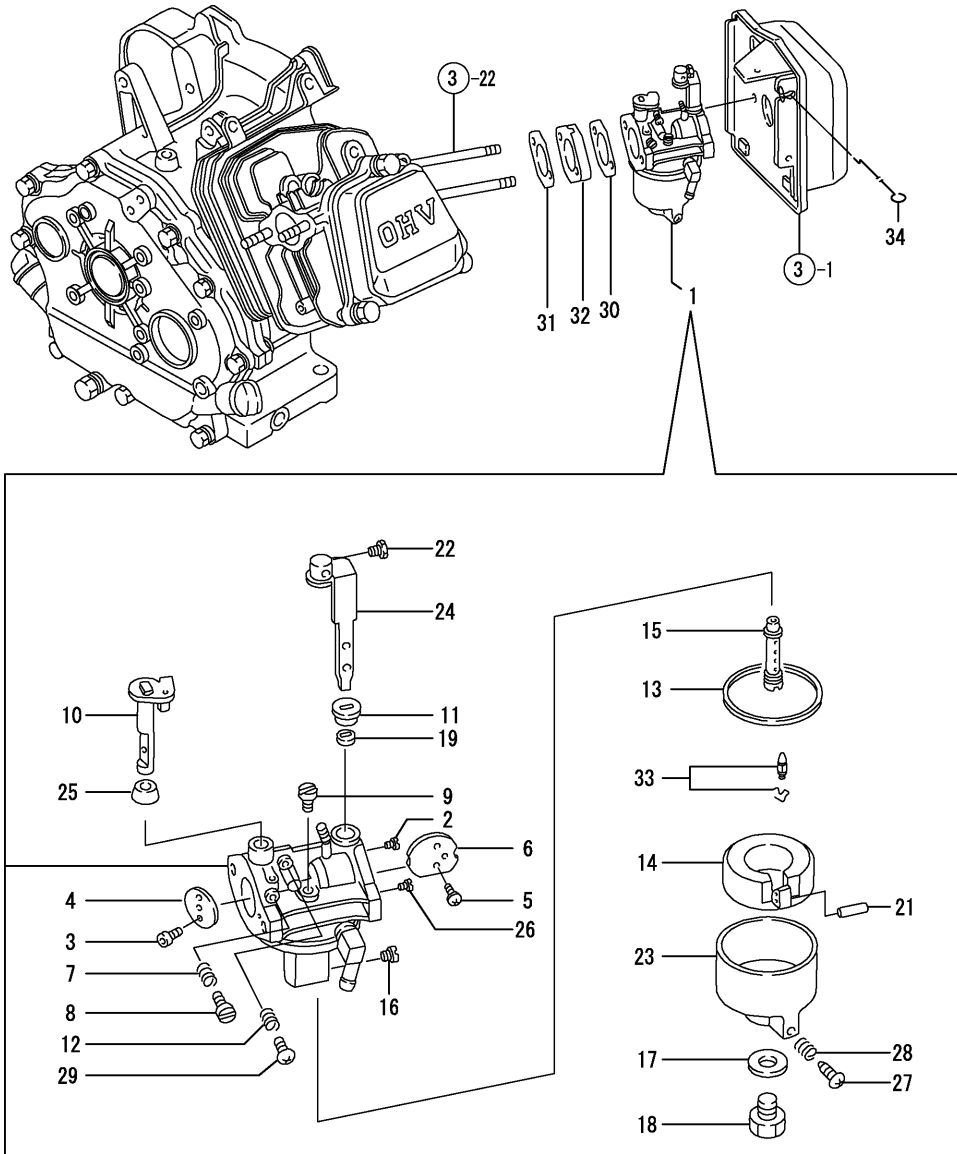
(D)=  
(E)=  
(F)=



REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	114250-45310	COLLAR	4	4						
2	1	760890-55712	TANK, FUEL (RED)(10)	1	1						
4	2	160710-55061	CAP ASSY, FUEL TANK	1	1						
11	3	160393-55050	GASKET, TANK CAP	1	1						
12	2	160610-55100	STRAINER	1	1						
13	2	160708-55150	GAUGE, FUEL	1	1						
14	1	160692-55330	COCK ASSY, FUEL	1	1						
17	2	160710-55360	RING	1	1						
18	2	160710-55370	GASKET	1	1						
19	2	160710-55382	FILTER	1	1						
20	2	160998-55390	BOWL, STRAINER	1	1						
21	1	160690-55462	DAMPER, FUEL TANK	4	4						
22	1	160710-78710	CLAMP, CORD	1	1						
23	1	26106-060082	BOLT M 6X 8 PLATED	1	1						
24	1	160690-55140	BOLT, FAN CASE	4	4						
25	1	106990-44660	CLIP, HOSE	2	2						
26	1	160920-59351	HOSE, FUEL	1	1						
27	1	160792-59361	PIPE, FUEL	1	1						
28	1	119520-03990	HOSE CLAMP	2	2						
29	1	160820-78710	CLAMP, CORD	1	1						
30	1	26106-060102	BOLT 6X 10 PLATED	1	1						

Remarks  
(REMARKS)"EFFECTIVE MACHINE NO." OF  
ENGINE IS INDICATED ON THE  
ENGINE LABEL WHICH IS SHOWN  
IN FIG.8.

Fig.6. CARBURATOR



0CNP4-G09300 6. CARBURATOR

(A)=GA240E-SJ1  
(B)=GA240E-SEJ1  
(C)=

(D)=  
(E)=  
(F)=

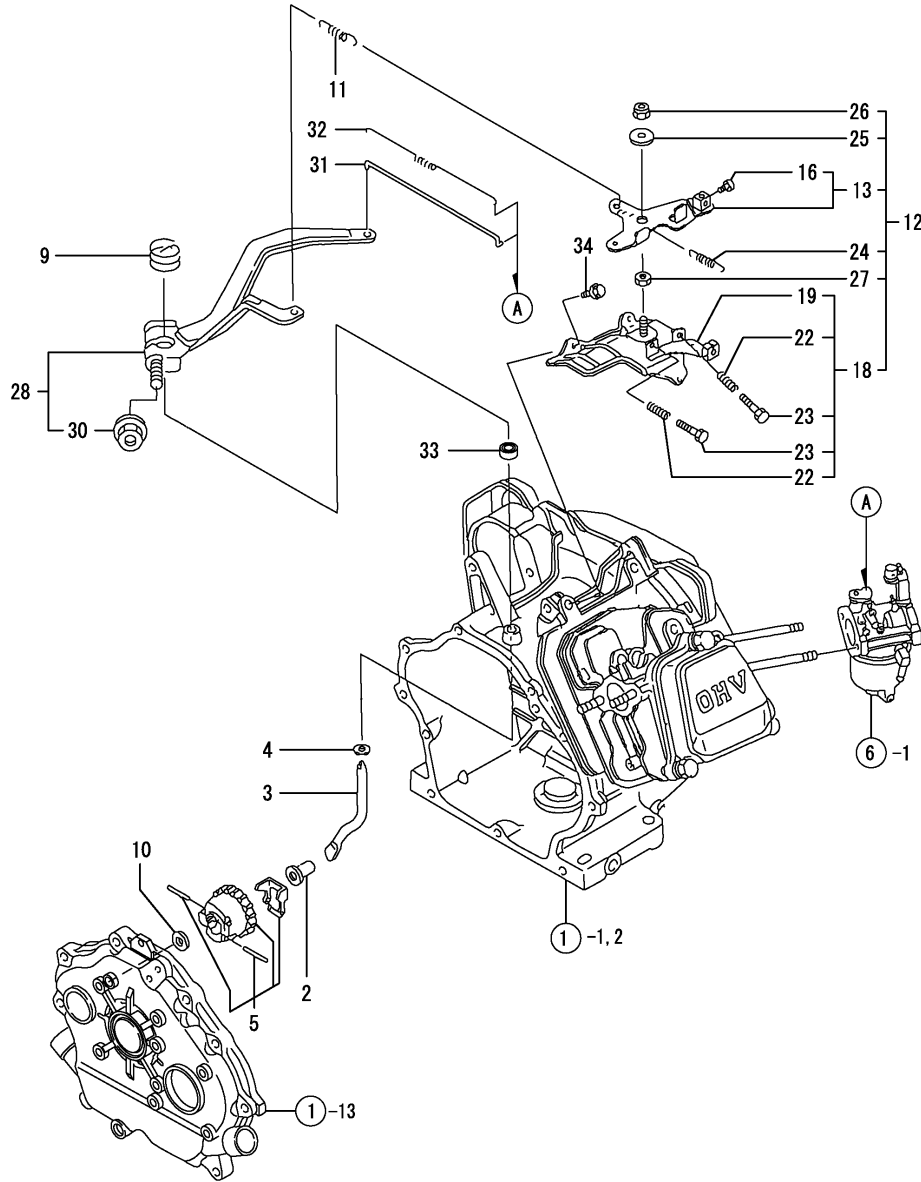
REF.	LEV.	PARTS NO.	DESCRIPTION	QTY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	160798-56041	CARBURETOR ASSY	1	1						
2	2	160798-56630	JET, AIR	1	1						
3	2	160690-56560	SCREW	2	2						
4	2	160880-56760	VALVE, THROTTLE	1	1						
5	2	160690-56570	SCREW	2	2						
6	2	160792-56520	VALVE, CHOKE	1	1						
7	2	181230-56380	SPRING	1	1						
8	2	160667-56750	SCREW, ADJUSTING	1	1						
9	2	160667-56740	JET, PILOT	1	1						
10	2	160792-56530	SHAFT, THROTTLE	1	1						
11	2	160792-56540	RING	1	1						
12	2	181230-56380	SPRING	1	1						
13	2	160210-56610	WASHER	1	1						
14	2	160890-56620	FLOAT ASSY	1	1						
15	2	160793-56561	NOZZLE, MAIN	1	1						
16	2	160797-56570	JET, ENRICHMENT	1	1						
17	2	160120-56721	GASKET	1	1						
18	2	160790-56610	BOLT	1	1						
19	2	160810-56580	RING, CHOKE SHAFT	1	1						
21	2	160610-56630	PIN, FLOAT	1	1						
22	2	26117-040088	BOLT M 4X 8 PLATED	1	1						
23	2	160890-56430	BODY, FLOAT	1	1						
24	2	160790-56600	LEVER, CHOKE	1	1						
25	2	160702-56720	RING	1	1						
26	2	160792-56610	JET, PILOT AIR	1	1						
27	2	160610-56900	SCREW	1	1						
28	2	181230-56380	SPRING	1	1						
29	2	160692-56710	SCREW	1	1						
30	1	160790-56151	GASKET, CARBURATOR	1	1						
31	1	160810-56151	GASKET, CARBURATOR	1	1						
32	1	160790-56160	INSULATOR,CARBURETOR	1	1						
33	1	160792-56670	VALVE, NEEDLE(RUBBER	1	1						1
34	1	160891-56900	ROD, CHOKE	1	1						

Remarks  
(1) REPAIR PART.  
(REMARKS)"EFFECTIVE MACHINE NO." OF  
ENGINE IS INDICATED ON THE  
ENGINE LABEL WHICH IS SHOWN  
IN FIG.8.

Fig.7. GOVERNOR & CONTROL DEVICE

(A)=GA240E-SJ1  
(B)=GA240E-SEJ1  
(C)=

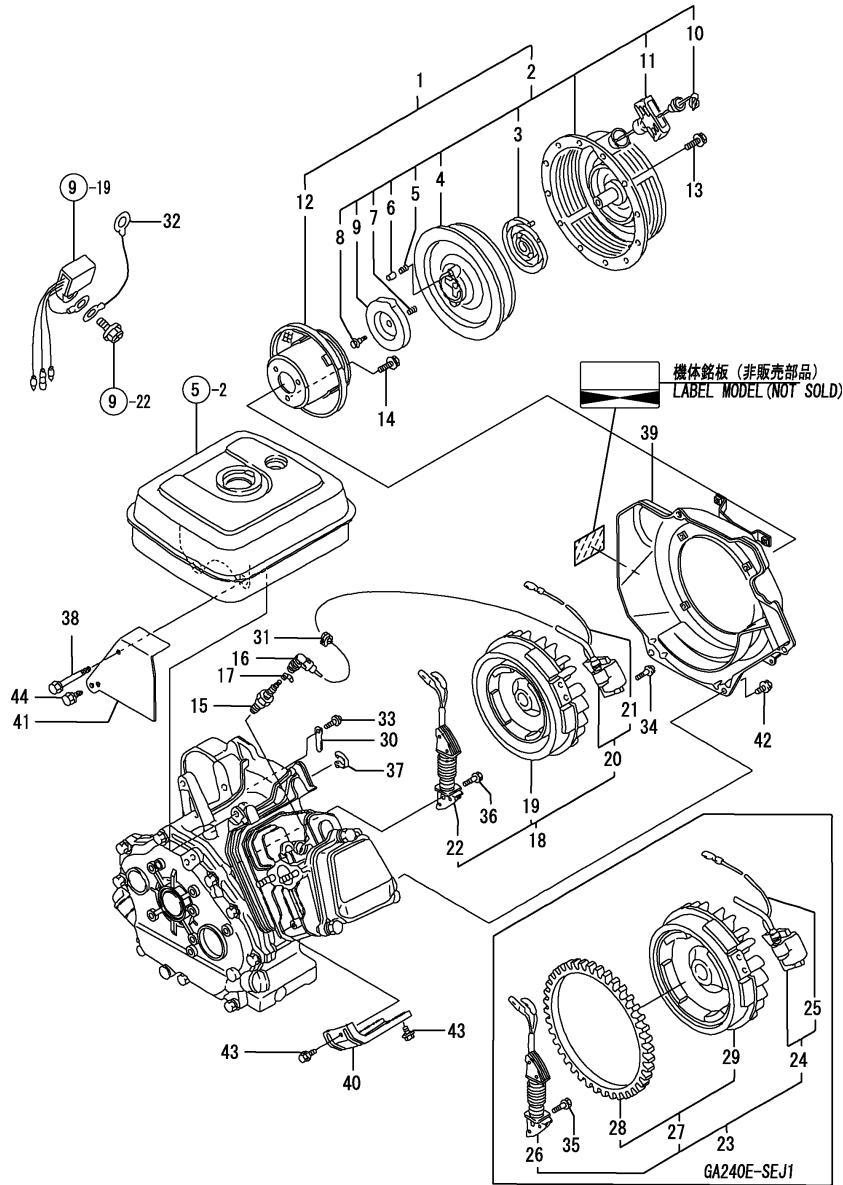
(D)=  
(E)=  
(F)=



REF.	LEV.	PARTS NO.	DESCRIPTION	QTY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
2	1	160690-61301	SPINDLE, GOVERNOR	1	1						
3	1	160690-61311	SHAFT, GOV. LEVER	1	1						
4	1	160690-61450	WASHER	1	1						
5	1	160690-61600	GEAR ASSY, GOV.	1	1						
9	1	160890-66050	SPRING, RETURN	1	1						
10	1	160120-76940	WASHER	1	1						
11	1	160790-66010	SPRING, GOVERNOR	1	1						
12	1	160798-66250	CONTROL ASSY	1	1						
13	2	160692-66051	LEVER ASSY, CONTROL	1	1						
16	3	26117-040088	BOLT M 4X 8 PLATED	1	1						
18	2	160798-66260	BASE ASSY, CONTROL	1	1						
19	3	160798-66140	BASE ASSY	1	1						
22	3	160520-66291	SPRING	2	2						
23	3	26117-040257	BOLT M 4X 25	2	2						
24	2	160664-66220	SPRING, RETURN	1	1						
25	2	160670-66350	COLLAR	1	1						
26	2	26347-060002	U-NUT M 6	1	1						
27	2	26757-060002	NUT M 6	1	1						
28	1	160890-66190	LEVER ASSY, GOVERNOR	1	1						
30	2	26366-060002	NUT M 6	1	1						
31	1	160690-66200	LINK, THROTTLE	1	1						
32	1	160690-66210	SPRING, TENSION	1	1						
33	1	114770-61600	SEAL, OIL	1	1						
34	1	26476-060142	BOLT M 6X 14,TAPPING	3	3						

Remarks  
(REMARKS)"EFFECTIVE MACHINE NO." OF ENGINE IS INDICATED ON THE ENGINE LABEL WHICH IS SHOWN IN FIG.8.

Fig.8. FLYWHEEL MAGNET & STARTING DEVICE



Remarks  
 (REMARKS)"EFFECTIVE MACHINE NO." OF  
 ENGINE IS INDICATED ON THE  
 ENGINE LABEL WHICH IS SHOWN  
 IN FIG.8.

OCNP4-G09300 8. FLYWHEEL MAGNET & STARTING DEVICE

(A)=GA240E-SJ1  
 (B)=GA240E-SEJ1  
 (C)=

(D)=  
 (E)=  
 (F)=

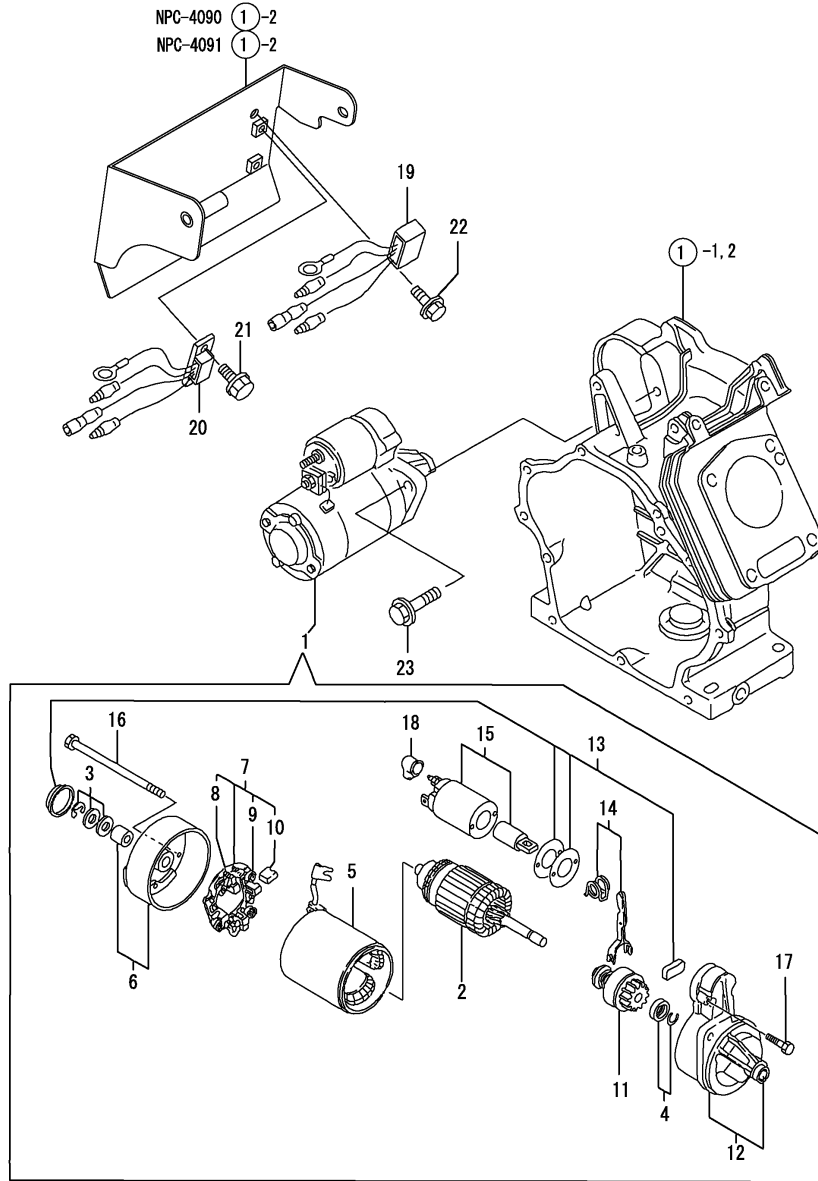
REF.	LEV.	PARTS NO.	DESCRIPTION	QTY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	160798-76060	STARTER ASSY, RECOIL	1	1						
2	2	160891-76250	RECOIL ASSY	1	1						
3	3	160890-76510	SPRING, SPIRAL	1	1						
4	3	160891-76520	REEL	1	1						
5	3	160890-76530	SPRING	2	2						
6	3	160890-76540	DOG	2	2						
7	3	160890-76550	SPRING, BRAKE	1	1						
8	3	160641-76570	SCREW, CENTER	1	1						
9	3	160891-76570	RETAINER	1	1						
10	3	160890-76580	ROPE	1	1						
11	3	160891-76600	KNOB, STARTER	1	1						
12	2	160790-76590	PULLEY, STARTER	1	1						
13	1	26106-060082	BOLT M 6X 8 PLATED	4	4						
14	1	26106-060122	BOLT M 6X 12 PLATED	3	3						
15	1	160793-78010	PLUG, SPARK	1	1						
16	1	160700-78040	CAP, PLUG	1	1						
17	1	160700-78050	TERMINAL, PLUG	1	1						
18	1	160798-78051	MAGNET CMP.,FLYWHEEL	1							
19	2	160790-78500	ROTOR	1							
20	2	160791-78522	IGNITER	1							
21	3	160690-78230	CORD, STOP	1							
22	2	160798-78620	COIL, LAMP	1							
23	1	160793-78052	MAGNET ASSY,FLYWHEEL		1						
24	2	160791-78522	IGNITER		1						
25	3	160690-78230	CORD, STOP		1						
26	2	160793-78630	COIL, CHARGE		1						
27	2	160791-78751	ROTOR		1						
28	3	160891-78171	GEAR,RING		1						
29	3	160791-78510	ROTOR		1						
30	1	160710-78710	CLAMP, CORD		1	1					
31	1	160700-78720	GROMMET	1	1						
32	1	160891-78200	LEAD WIRE		1						
33	1	26476-060142	BOLT M 6X 14,TAPPING	1	1						
34	1	160690-04350	BOLT M6X30	2	2						
35	1	26476-060252	BOLT M 6X 25,TAPPING		2						
36	1	26476-060252	BOLT M 6X 25,TAPPING	2							
37	1	29610-000650	CLAMP, SPEED 065	1	1						
38	1	160611-04350	BOLT 6X70,TAPPING	1	1						
39	1	160798-45131	CASE,FAN (WHITE)(14)	1	1						
40	1	160890-45200	HEAD COVER, SIDE	1	1						
41	1	160891-45230	COVER, CYLINDER	1	1						
42	1	26476-060142	BOLT M 6X 14,TAPPING	4	4						
43	1	26476-060142	BOLT M 6X 14,TAPPING	2	2						
44	1	26476-060142	BOLT M 6X 14,TAPPING	1	1						



Fig.9. STARTING MOTOR

(A)=GA240E-SJ1  
(B)=GA240E-SEJ1  
(C)=

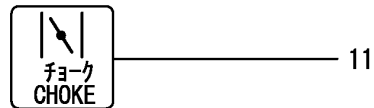
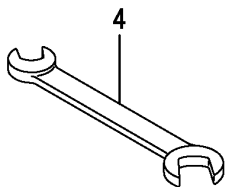
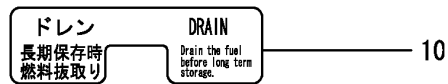
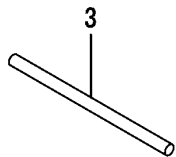
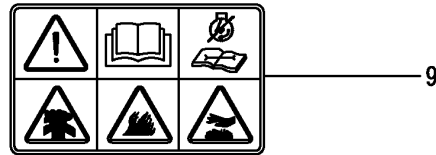
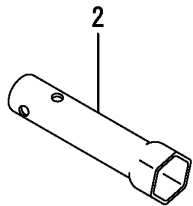
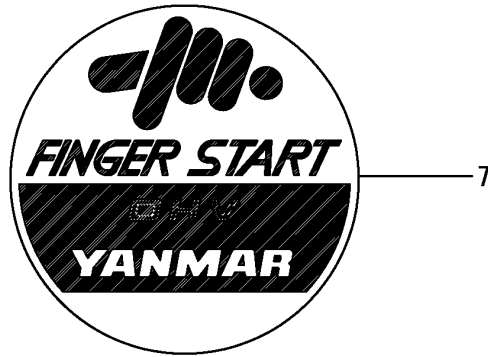
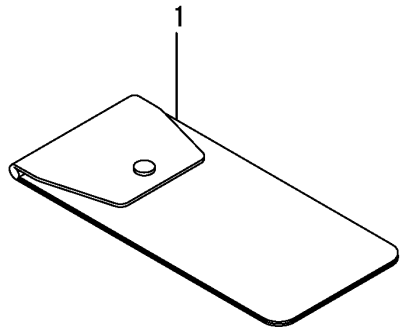
(D)=  
(E)=  
(F)=



REF.	LEV.	PARTS NO.	DESCRIPTION	QTY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	160891-77020	STARTER		1						
2	2	114371-77110	ARMATURE		1						
3	2	X2114811000	WASHER KIT, THRUST		1						
4	2	X2114715500	STOPPER SET, PINION		1						
5	2	114371-77130	COIL ASSY, FIELD		1						
6	2	114371-77140	COVER ASSY, REAR		1						
7	2	114371-77160	HOLDER ASSY, BRUSH		1						
8	3	114371-79040	BRUSH (-)		2						
9	3	114371-79060	SPRING, BRUSH		4						
10	3	114371-79050	BRUSH (+)		1						
11	2	160891-77750	PINION ASSY		1						
12	2	160891-77760	HOUSING ASSY, GEARS		1						
13	2	114371-77170	COVER KIT, DUST		1						
14	2	114371-77180	SHIFT LEVER KIT		1						
15	2	124298-77020	SWITCH, MAGNET		1						
16	2	124195-77770	THROUGH BOLT		2						
17	2	114371-79070	BOLT M 6X 37		2						
18	2	X2114274200	COVER, TERMINAL		1						
19	1	160708-77350	RECTIFIER		1						
20	1	160791-77490	HARNESS		1						
21	1	26023-040102	SCREW M 4X 10		2						
22	1	26106-060122	BOLT M 6X 12 PLATED		1						
23	1	26106-100302	BOLT M10X 30 PLATED		2						

Remarks  
(REMARKS)"EFFECTIVE MACHINE NO." OF ENGINE IS INDICATED ON THE ENGINE LABEL WHICH IS SHOWN IN FIG.8.

Fig.10. TOOL & LABEL



Remarks  
 (REMARKS)"EFFECTIVE MACHINE NO." OF  
 ENGINE IS INDICATED ON THE  
 ENGINE LABEL WHICH IS SHOWN  
 IN FIG.8.

(A)=GA240E-SJ1  
 (B)=GA240E-SEJ1  
 (C)=

(D)=  
 (E)=  
 (F)=

REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	160708-92610	BAG, TOOL	1	1						
2	1	160120-92700	SPANNER, BOX	1	1						
3	1	160110-92710	BAR	1	1						
4	1	28110-100120	WRENCH 10X12	1	1						
7	1	160798-07100	LABEL, FINGER START	1	1						
9	1	160991-07260	LABEL	1	1						
10	1	160690-07260	LABEL, DRAIN	1	1						
11	1	160690-07400	LABEL	1	1						

## Part Number Index

All parts are stipulated in the order of part numbers.

(Depending on the area in which the part is used.)

This index will display the location of the part according to each part number.

## PARTS No. INDEX

PARTS No.	Fig.	Ref.No.
104200-59170	1	8
106990-44660	5	25
114250-12300	3	7
114250-14400	4	13
114250-45310	5	1
114252-13800	3	16
114252-13910	3	17
114252-13950	3	11
		19
114252-13960	3	18
114270-01600	1	9
114371-77110	9	2
114371-77130	9	5
114371-77140	9	6
114371-77160	9	7
114371-77170	9	13
114371-77180	9	14
114371-79040	9	8
114371-79050	9	10
114371-79060	9	9
114371-79070	9	17
114770-61600	7	33
119520-03990	5	28
124195-77770	9	16
124298-77020	9	15
129900-26250	1	11
		16
		18
160110-02220	1	10
		17
160110-92710	10	3
160120-56721	6	17
160120-76940	7	10
160120-92700	10	2
160210-56610	6	13
160310-14550	4	39
160393-55050	5	11
160520-66291	7	22
160610-01690	1	7
160610-03050	2	20
160610-04630	3	22
160610-55100	5	12
160610-56630	6	21
160610-56900	6	27
160611-04350	8	38
160641-76570	8	8
160664-66220	7	24
160667-56740	6	9
160667-56750	6	8
160670-66350	7	25

PARTS No.	Fig.	Ref.No.
160690-04350	8	34
160690-07260	10	10
160690-07400	10	11
160690-11222	2	12
160690-11280	2	14
160690-55140	5	24
160690-55462	5	21
160690-56560	6	3
160690-56570	6	5
160690-61301	7	2
160690-61311	7	3
160690-61450	7	4
160690-61600	7	5
160690-66200	7	31
160690-66210	7	32
160690-78230	8	21
		25
160692-55330	5	14
160692-56710	6	29
160692-66051	7	13
160700-78040	8	16
160700-78050	8	17
160700-78720	8	31
160702-56720	6	25
160708-55150	5	13
160708-77350	9	19
160708-92610	10	1
160710-55061	5	4
160710-55360	5	17
160710-55370	5	18
160710-55382	5	19
160710-78710	5	22
	8	30
160763-12600	3	4
160790-11011	2	1
160790-11101	2	7
160790-11111	2	8
160790-28010	4	36
160790-56151	6	30
160790-56160	6	32
160790-56600	6	24
160790-56610	6	18
160790-66010	7	11
160790-76590	8	12
160790-78500	8	19
160791-77490	9	20
160791-78510	8	29
160791-78522	8	20
		24
160791-78751	8	27

PARTS No.	Fig.	Ref.No.
160792-56520	6	6
160792-56530	6	10
160792-56540	6	11
160792-56610	6	26
160792-56670	6	33
160792-59361	5	27
160793-56561	6	15
160793-78010	8	15
160793-78052	8	23
160793-78630	8	26
160797-56570	6	16
160798-07100	10	7
160798-22010	4	24
160798-45131	8	39
160798-56041	6	1
160798-56630	6	2
160798-66140	7	19
160798-66250	7	12
160798-66260	7	18
160798-76060	8	1
160798-78051	8	18
160798-78620	8	22
160810-01740	1	21
160810-23201	4	34
160810-56151	3	5
	6	31
160810-56580	6	19
160820-78710	5	29
160880-56760	6	4
160890-01210	2	22
160890-01331	2	23
160890-04330	2	16
160890-11120	2	9
160890-11190	2	10
160890-11202	2	11
160890-11270	2	13
160890-11290	2	15
160890-11300	2	17
160890-11311	2	18
160890-13211	3	8
160890-13580	3	10
160890-13581	3	10 -1
160890-13660	3	15
160890-13910	3	20
160890-14052	4	1
160890-14200	4	12
160890-14560	4	11
160890-21200	4	19
160890-21220	4	20
		35

PARTS No.	Fig.	Ref.No.
160890-22300	4	30
160890-45200	8	40
160890-56430	6	23
160890-56620	6	14
160890-66050	7	9
160890-66190	7	28
160890-76510	8	3
160890-76530	8	5
160890-76540	8	6
160890-76550	8	7
160890-76580	8	10
160891-12500	3	1
160891-12520	3	2
160891-12530	3	3
160891-13010	3	9
160891-13011	3	9 -1
160891-13550	3	12
160891-45230	8	41
160891-56900	6	34
160891-76250	8	2
160891-76520	8	4
160891-76570	8	9
160891-76600	8	11
160891-77020	9	1
160891-77750	9	11
160891-77760	9	12
160891-78171	8	28
160891-78200	8	32
160903-28020	1	12
		19
160920-59351	5	26
160991-03180	2	21
160991-07260	10	9
160998-55390	5	20
181230-56380	6	7
		12
		28
720380-11570	2	24
760790-21700	4	14
760790-23700	4	32
760792-01504	1	13
760798-01561	1	2
760798-01580	1	1
760798-22500	4	26
760890-55712	5	2
X2114274200	9	18
X2114715500	9	4
X2114811000	9	3



***YANMAR CO.,LTD.***



# PARTS CATALOG

Published

2009/4 (Apr.)

0CNP4-G09400

## Directions for the Parts Catalog.

1. The parts stipulated in this Parts Catalog are not necessarily standard equipped parts.
2. Parts may change without prior notice.
3. The following is an example of the Parts Catalog format.

OCF10-G21601		29. FUEL INJECTION PUMP(W/BOOST)									
REF.	LEV.	PARTS NO.	DESCRIPTION	(A)	(B)	(C)	(D)	(E)	(F)	I	R
1	1	729595-51390	FUEL INJECTION PUMP	1	1	1	1	1			1
1-1	1	729595-51391	FUEL INJECTION PUMP	1	1	1	1	1		N	1
		(A=E00185) (B=E00200)									
3	2	26022-060162	SCREW M 6X 16	9	9	9	9	9			
3-1	2	26022-060162	SCREW M 6X 16	4	4	4	4	4		K	
		(A=E00156) (B=E00156) (C=E00156) (D=E00156) (E=E00156)									
4	2	129470-51040	CAMSHAFT	1	1	1	1	1			
5	2	122710-51050	BEARING, ROLLER	2	2	2	2	2			
6	2	129470-51060	RETAINER	1	1	1	1	1			

Remarks
(1) BOOST COMPEMSATOR TYPE. OPTIONAL PART, TO E/#00155,(4JH-DT, 4JH-DTZ)

### ① Ref. No.

The Ref. No. listed may not be in accordance with the illustration Ref. No.

(Ex.) Illustration No. 1 List Ref No. 1 (Before change) → 1-1 (After change)

For interchangeable symbols N, R and K, illustrations for new parts may be abbreviated.

### ② Lev. (Level)

Level indication

The numbers below indicate the level of relativity towards the main part.

1 ---- Main parts (Assembly parts)

2 ---- Sub component included in " 1 ".

3 ---- Sub component included in " 2 ".

Note) Parts that are not for sale are partially illustrated but not listed.

### ③ Change Mark

The "I" indicates parts that were newly changed.

### ④ Interchangeability Mark

When a part change takes place, one of the following interchangeability symbols is indicated beside the part.

Symbol	Interchangeability	Contents note
N	Old $\begin{matrix} \leftarrow \text{Yes} \\ \text{No} \rightarrow \end{matrix}$ New	New Part is interchangeable for Old Part but Old Part is not interchangeable for New Part.
Q	Old $\begin{matrix} \leftarrow \text{No} \\ \text{Yes} \rightarrow \end{matrix}$ New	New Part is not interchangeable for Old Part but Old Part is interchangeable for New Part.
R	Old $\begin{matrix} \leftarrow \text{Yes} \\ \text{Yes} \rightarrow \end{matrix}$ New	New/ Old Parts are both interchangeable.
S	Old $\begin{matrix} \leftarrow \text{No} \\ \text{No} \rightarrow \end{matrix}$ New	New/ Old Parts are both not interchangeable.
W		Part discontinued.
Z		Part newly added.
F		Not interchangeable by a single part but interchangeable together with related parts.
K		Changes only for used parts quantities.

### ⑤ Effective Machine No.

When a part changes, the effective Machine No. will be indicated in the (A)-(F) column.

Product Symbol	Product No.	Product Symbol	Product No.
C	Clutch No. Compressor No.	F	Machine No. (Agricultural Equip.)
D	Drive No.	M	Machine No.
E	Engine No.	Note 1)	Date

Note 1) A date may follow the symbol. (Ex.) 1996.01

Note 2) " XXX " are for parts that could not be predicted or for engine models that could not be identified.

Note 3) (A=E00185) is the E (Engine Serial Number) for the column (A) model (in this case 4JH-DT) after the parts design change.

### ⑥ Remarks Mark

Figures or alphabets (symbols) are entered in the remarks column.

The comments (remarks) on parts that are indicated at the bottom of the illustration are the same symbols as those stated above.

# CONTENTS

MODEL : GA280E-SEJ2(N4090,91

PC NO : 0CNP4-G09400

Fig.No.	GROUP NAME
	ENGINE SECTION (GA280E-SEJ2)
1.	CYLINDER BLOCK
2.	CYLINDER HEAD & BONNET
3.	AIR CLEANER & MUFFLER
4.	CRANKSHAFT, PISTON & CAMSHAFT
5.	FUEL TANK & FUEL LINE
6.	CARBURATOR
7.	GOVERNOR & CONTROL DEVICE
8.	STARTING MOTOR
9.	FLYWHEEL MAGNET & STARTING DEVICE
10.	TOOL & LABEL

Fig.No. GROUP NAME



Fig.1. CYLINDER BLOCK

0CNP4-G09400 1. CYLINDER BLOCK

(A)=GA280E-SEJ2

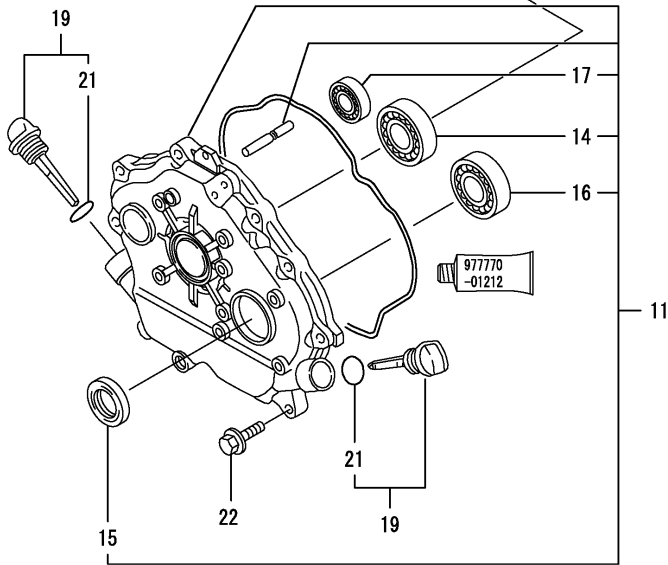
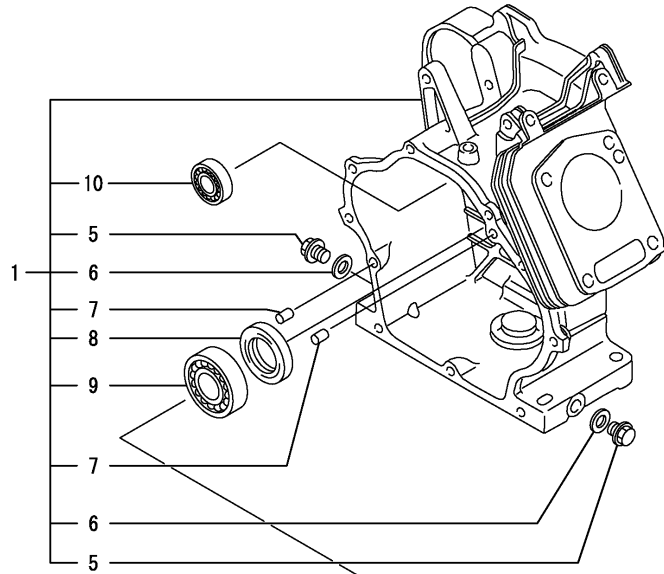
(B)=

(C)=

(D)=

(E)=

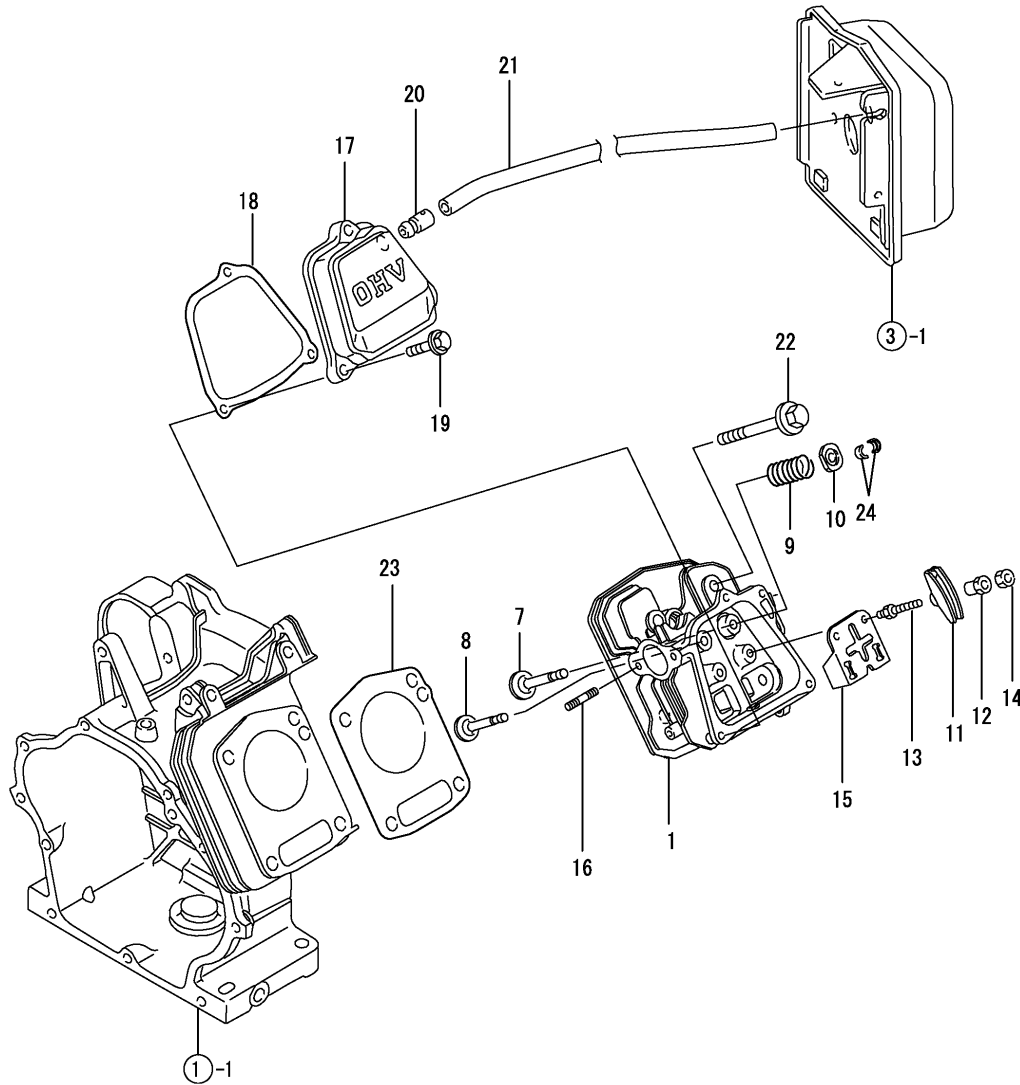
(F)=



REF.	LEV.	PARTS NO.	DESCRIPTION	QTY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	760891-01561	BLOCK ASSY, CYLINDER	1							
5	2	160610-01690	PLUG, DRAIN	2							
6	2	104200-59170	GASKET 12	2							
7	2	114270-01600	PARALLEL PIN 8X12	2							
8	2	160110-02220	SEAL, OIL	1							
9	2	129900-26250	BALL BEARING	1							
10	2	160903-28020	BALL BEARING	1							
11	1	760792-01504	COVER, CRANKCASE	1							
14	2	129900-26250	BALL BEARING	1							
15	2	160110-02220	SEAL, OIL	1							
16	2	129900-26250	BALL BEARING	1							
17	2	160903-28020	BALL BEARING	1							
19	1	160810-01740	CAP, W/LUB.OIL GAUGE	2							
21	2	24311-000180	O-RING 1A P-18.0	2							
22	1	26106-080302	BOLT M 8X 30 PLATED	9							

Remarks  
 (REMARKS)"EFFECTIVE MACHINE NO." OF  
 ENGINE IS INDICATED ON THE  
 ENGINE LABEL WHICH IS SHOWN  
 IN FIG.9.

Fig.2. CYLINDER HEAD & BONNET



0CNP4-G09400 2. CYLINDER HEAD & BONNET

(A)=GA280E-SEJ2

(B)=

(C)=

(D)=

(E)=

(F)=

REF.	LEV.	PARTS NO.	DESCRIPTION	QTY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	160890-11011	HEAD ASSY, CYLINDER	1							
7	1	160890-11101	VALVE, SUCTION	1							
8	1	160890-11111	VALVE, EXHAUST	1							
9	1	160890-11120	SPRING, VALVE	2							
10	1	160890-11190	RETAINER, VALVE SP.	2							
11	1	160890-11202	ARM, ROCKER	2							
12	1	160690-11222	PIVOT,ROCKER ARM	2							
13	1	160890-11270	BOLT,ROCKER ARM	2							
14	1	160690-11280	NUT M6X 0.5	2							
15	1	160890-11290	PLATE, GUIDE	1							
16	1	160890-04330	BOLT M 8X 18	2							
17	1	160890-11300	BONNET	1							
18	1	160890-11311	GASKET, BONNET	1							
19	1	26106-060352	BOLT M 6X 35 PLATED	3							
20	1	160610-03050	BREATHER ASSY	1							
21	1	160810-03200	PIPE, BREATHER	1							
22	1	160890-01210	BOLT 10X 70	4							
23	1	160890-01331	GASKET, CYL. HEAD	1							
24	1	720380-11570	COTTER	2							

Remarks  
 (REMARKS)"EFFECTIVE MACHINE NO." OF  
 ENGINE IS INDICATED ON THE  
 ENGINE LABEL WHICH IS SHOWN  
 IN FIG.9.

Fig.3. AIR CLEANER & MUFFLER

(A)=GA280E-SEJ2

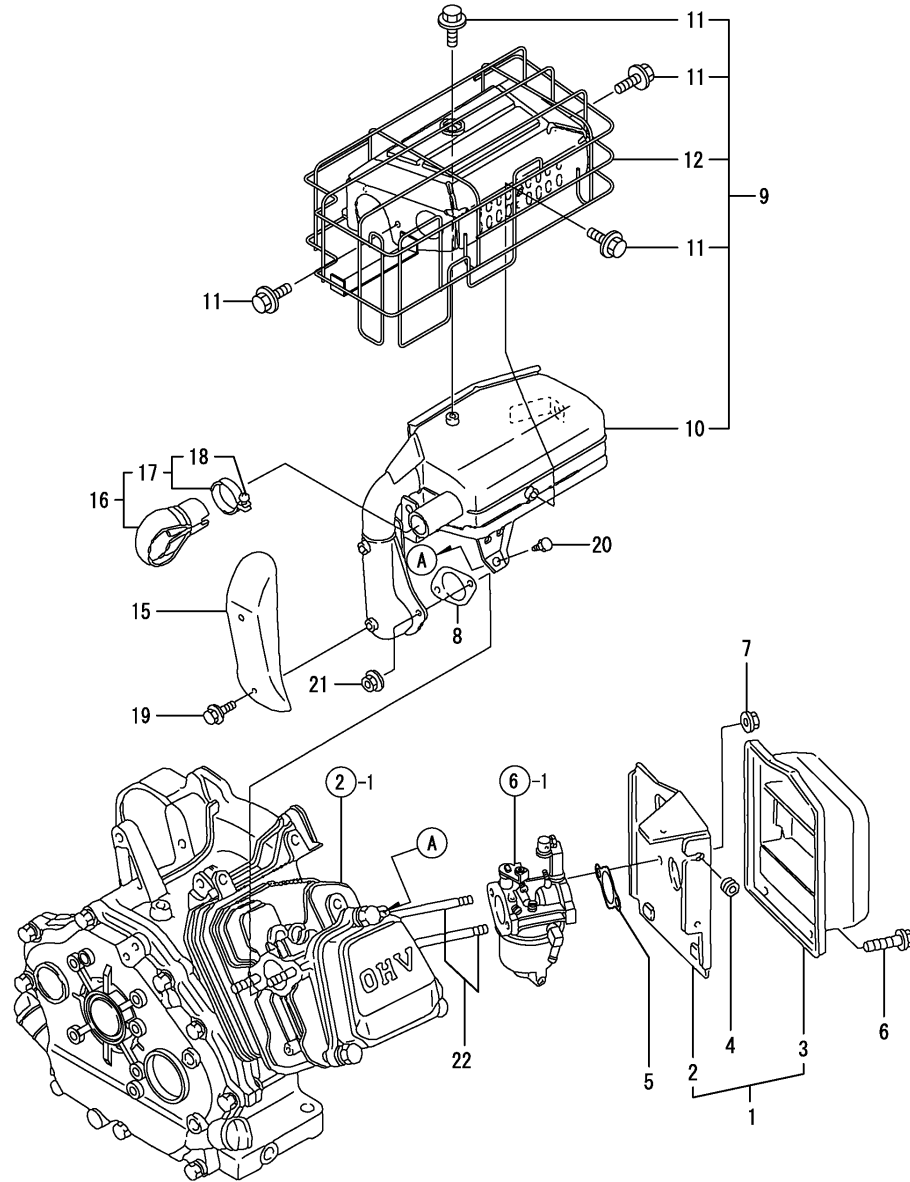
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(C)=

(D)=

(E)=

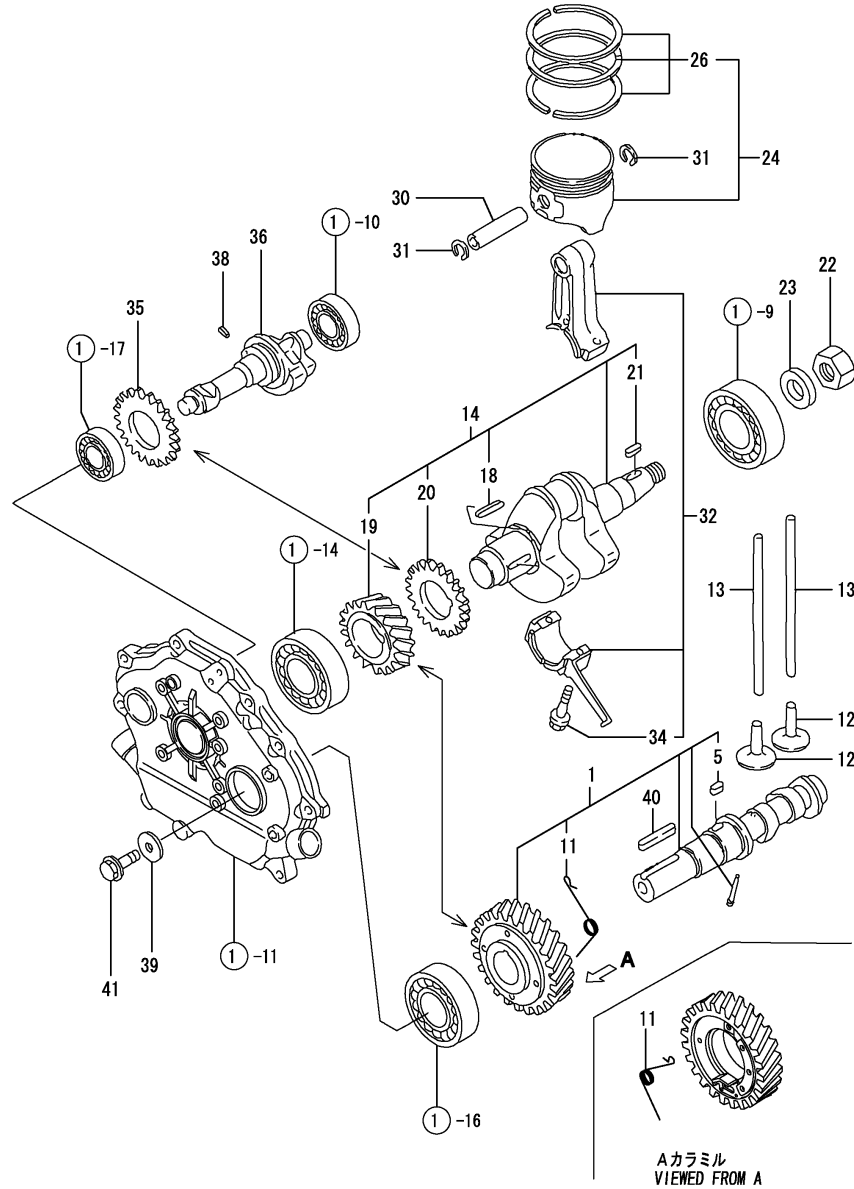
(F)=



REF.	LEV.	PARTS NO.	DESCRIPTION	QTY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	160891-12500	CLEANER, AIR	1							
2	2	160891-12520	BODY, AIR CLEANER	1							
3	2	160891-12530	AIR CLEANER COVER	1							
4	1	160763-12600	GROMMET, AIR CLEANER	1							
5	1	160910-56151	GASKET, CARBURETOR	1							
6	1	26106-060082	BOLT M 6X 8 PLATED	3							
7	1	160998-04330	U-NUT M 8	2							
8	1	160890-13211	GASKET, MUFFLER	1							
9	1	160891-13010	MUFFLER ASSY	1							
I	9-1	1 160891-13011	MUFFLER ASSY	1							N
		(A=*2009.04)									
10	2	160890-13580	MUFFLER	1							
I	10-1	2 160890-13581	MUFFLER	1							N
		(A=*2009.04)									
11	2	114252-13950	BOLT M 6X 8 PLATED	4							
12	2	160891-13550	COVER, MUFFLER	1							
15	1	160890-13660	COVER, ELBOW	1							
16	1	114252-13800	PIPE ASSY, EXTERNAL	1							
17	2	114252-13910	CLAMP	1							
18	3	114252-13960	SCREW 6X 25	1							
19	1	114252-13950	BOLT M 6X 8 PLATED	2							
20	1	160890-13910	BOLT M 6X 20	1							
21	1	26366-080002	NUT M 8	2							
22	1	160998-04340	SUTD, M8X85	2							

Remarks  
 (REMARKS)"EFFECTIVE MACHINE NO." OF  
 ENGINE IS INDICATED ON THE  
 ENGINE LABEL WHICH IS SHOWN  
 IN FIG.9.

Fig.4. CRANKSHAFT, PISTON & CAMSHAFT



Aカラミル  
VIEWED FROM A

Remarks  
(REMARKS)"EFFECTIVE MACHINE NO." OF  
ENGINE IS INDICATED ON THE  
ENGINE LABEL WHICH IS SHOWN  
IN FIG.9.

0CNP4-G09400 4. CRANKSHAFT, PISTON & CAMSHAFT

(A)=GA280E-SEJ2

(B)=

(C)=

(D)=

(E)=

(F)=

REF.	LEV.	PARTS NO.	DESCRIPTION	QTY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	160890-14052	CAM-SHAFT ASSY	1							
5	2	22512-050160	KEY 5X16,FEATHER	1							
11	2	160890-14560	SPRING, DECOMP.	1							
12	1	160890-14200	TAPPET	2							
13	1	160890-14400	ROD, PUSH	2							
14	1	760890-21700	CRANKSHAFT ASSY	1							
18	2	22512-040300	KEY 4X 30	1							
19	2	160890-21200	GEAR, CRANKSHAFT	1							
20	2	160890-21220	GEAR, BALANCER	1							
21	2	22512-040160	KEY 4X 16	1							
22	1	26737-160002	NUT M16	1							
23	1	22137-160000	WASHER 16,POLISHED	1							
24	1	160890-22011	PISTON W/RING	1							
26	2	760890-22500	RING SET, PISTON	1							
30	1	160890-22300	PIN, PISTON	1							
31	1	22252-000190	CIRCLIP 19	2							
32	1	760890-23700	ROD ASSY, CONNECTING	1							
34	2	160810-23201	BOLT, ROD	2							
35	1	160890-21220	GEAR, BALANCER	1							
36	1	160890-28010	SHAFT, BALANCER	1							
38	1	22351-040008	SPRING PIN 4X 8	1							
39	1	160310-14550	WASHER	1							
40	1	22512-070380	KEY 7X 38	1							
41	1	26106-080202	BOLT M 8X 20 PLATED	1							

Fig.5. FUEL TANK & FUEL LINE

(A)=GA280E-SEJ2

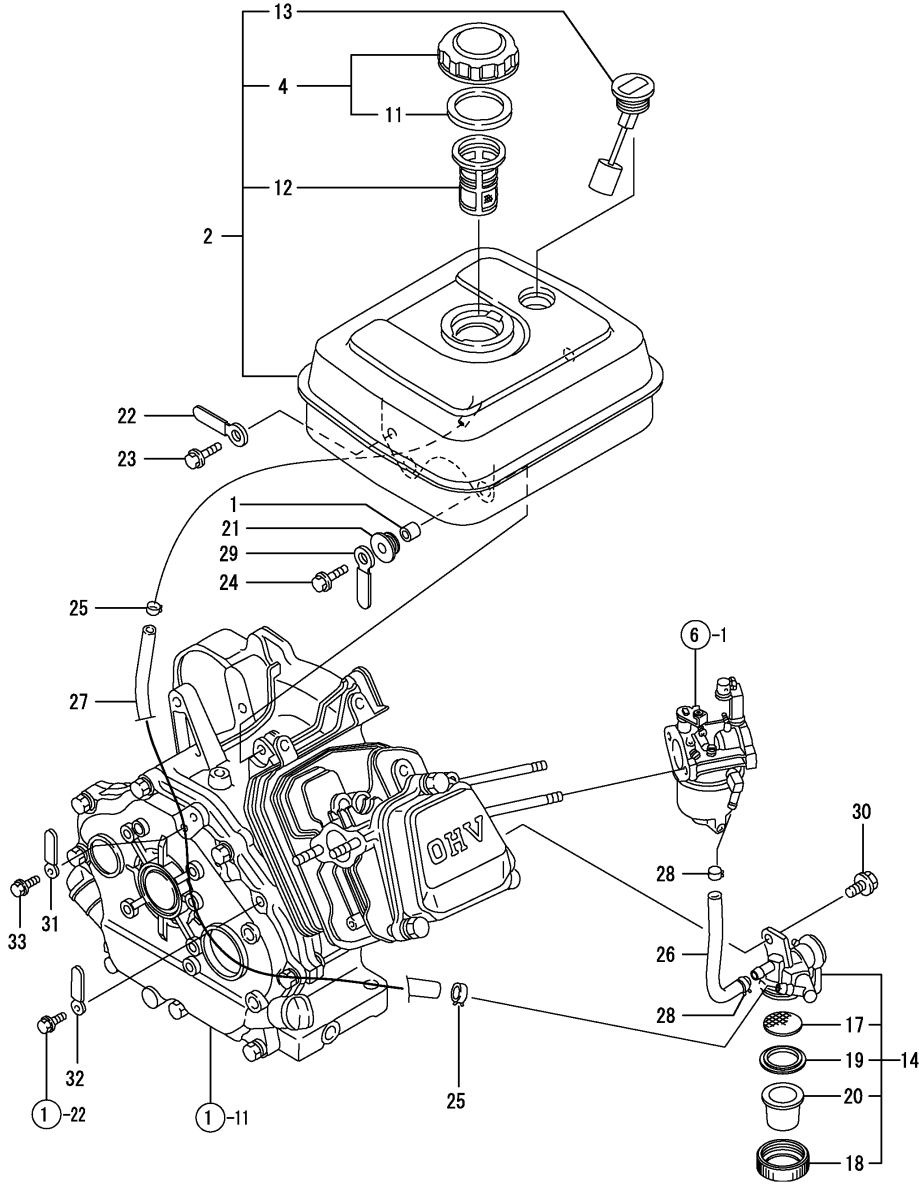
(B)=

(C)=

(D)=

(E)=

(F)=

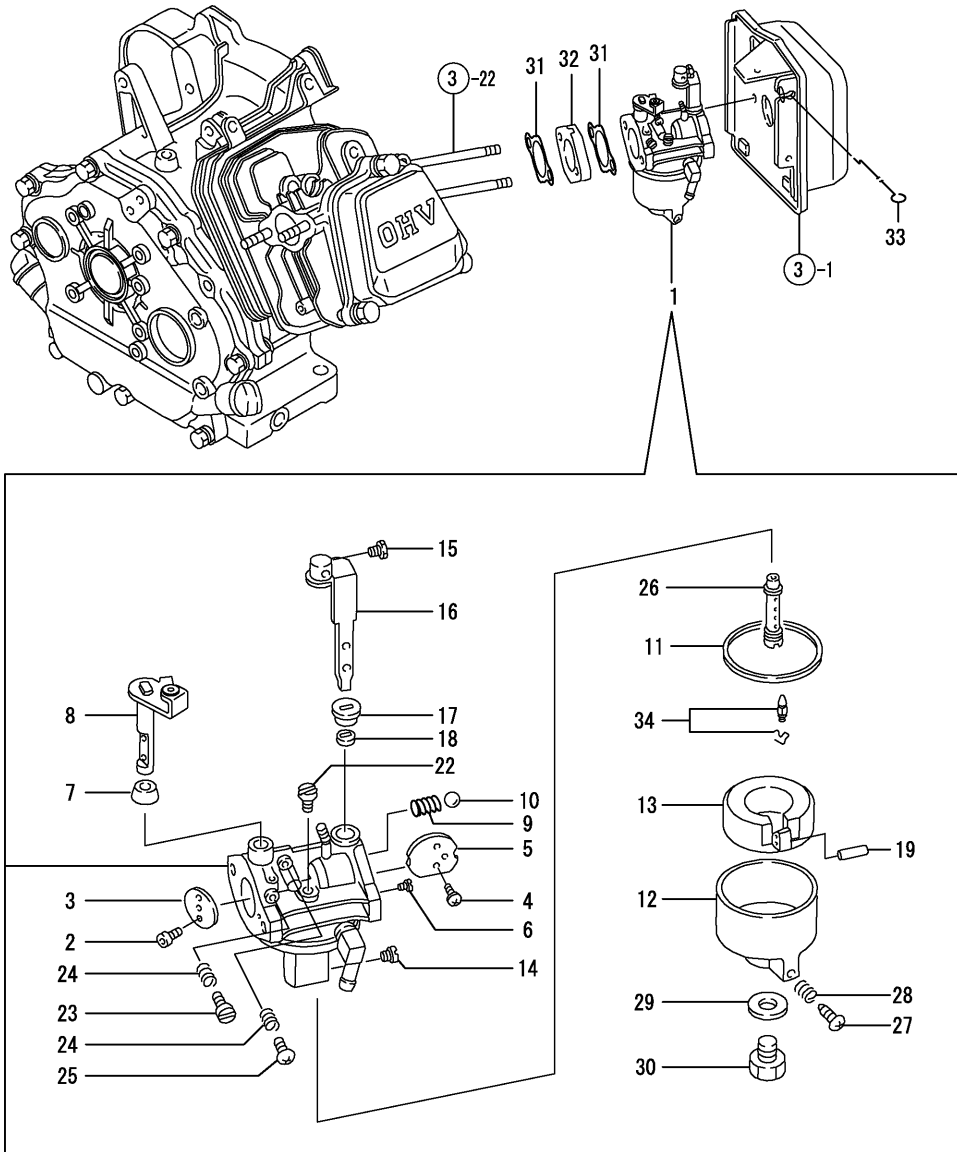


REF.	LEV.	PARTS NO.	DESCRIPTION	QTY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	114250-45310	COLLAR	4							
2	1	760890-55712	TANK, FUEL (RED)(10)	1							
4	2	160710-55061	CAP ASSY, FUEL TANK	1							
11	3	160393-55050	GASKET, TANK CAP	1							
12	2	160610-55100	STRAINER	1							
13	2	160708-55150	GAUGE, FUEL	1							
14	1	160692-55330	COCK ASSY, FUEL	1							
17	2	160710-55382	FILTER	1							
18	2	160710-55360	RING	1							
19	2	160710-55370	GASKET	1							
20	2	160998-55390	BOWL, STRAINER	1							
21	1	160690-55462	DAMPER, FUEL TANK	4							
22	1	160710-78710	CLAMP, CORD	1							
23	1	26106-060082	BOLT M 6X 8 PLATED	1							
24	1	160690-55140	BOLT, FAN CASE	4							
25	1	106990-44660	CLIP, HOSE	2							
26	1	160920-59351	HOSE, FUEL	1							
27	1	160769-59371	HOSE, FUEL	1							
28	1	119520-03990	HOSE CLAMP	2							
29	1	160802-78270	CLAMP, CORD	1							
30	1	26106-060102	BOLT 6X 10 PLATED	1							
31	1	160260-78700	CLAMP, CORD	1							
32	1	160820-78710	CLAMP, CORD	1							
33	1	26106-060082	BOLT M 6X 8 PLATED	1							

Remarks

(REMARKS) "EFFECTIVE MACHINE NO." OF ENGINE IS INDICATED ON THE ENGINE LABEL WHICH IS SHOWN IN FIG.9.

Fig.6. CARBURATOR



Remarks  
 (1) REPAIR PART.  
 (REMARKS)"EFFECTIVE MACHINE NO." OF  
 ENGINE IS INDICATED ON THE  
 ENGINE LABEL WHICH IS SHOWN  
 IN FIG.9.

OCNP4-G09400 6. CARBURATOR

(A)=GA280E-SEJ2

(B)=

(C)=

(D)=

(E)=

(F)=

REF.	LEV.	PARTS NO.	DESCRIPTION	QTY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	160891-56021	CARBURETOR ASSY	1							
2	2	160690-56560	SCREW	2							
3	2	160992-56520	VALVE, THROTTLE	1							
4	2	160690-56570	SCREW	2							
5	2	160891-56680	VALVE, CHOKE	1							
6	2	160992-56540	JET,MAINAIR	1							
7	2	160702-56720	RING	1							
8	2	160992-56550	SHAFT, THROTTLE	1							
9	2	160310-56980	SPRING, CHOKE	1							
10	2	160310-56990	BALL, STEEL	1							
11	2	160210-56610	WASHER	1							
12	2	160890-56430	BODY, FLOAT	1							
13	2	160890-56620	FLOAT ASSY	1							
14	2	160998-56381	JET, MAIN	1							
15	2	26117-040088	BOLT M 4X 8 PLATED	1							
16	2	160890-56520	LEVER, CHOKE	1							
17	2	160810-56590	RING, CHOKE LEVER	1							
18	2	160810-56580	RING, CHOKE SHAFT	1							
19	2	160690-56630	PIN, FLOAT	1							
22	2	160667-56740	JET, PILOT	1							
23	2	160667-56750	SCREW, ADJUSTING	1							
24	2	181230-56380	SPRING	2							
25	2	160692-56710	SCREW	1							
26	2	160792-56561	NOZZLE, MAIN	1							
27	2	160610-56900	SCREW	1							
28	2	181230-56380	SPRING	1							
29	2	160120-56600	GASKET	1							
30	2	160790-56610	BOLT	1							
31	1	160910-56151	GASKET, CARBURETOR	2							
32	1	160890-56160	INSULATOR,CARBURETOR	1							
33	1	160891-56900	ROD, CHOKE	1							
34	1	160890-56790	VALVE, NEEDLE(RUBBER	1							1

Fig.7. GOVERNOR & CONTROL DEVICE

(A)=GA280E-SEJ2

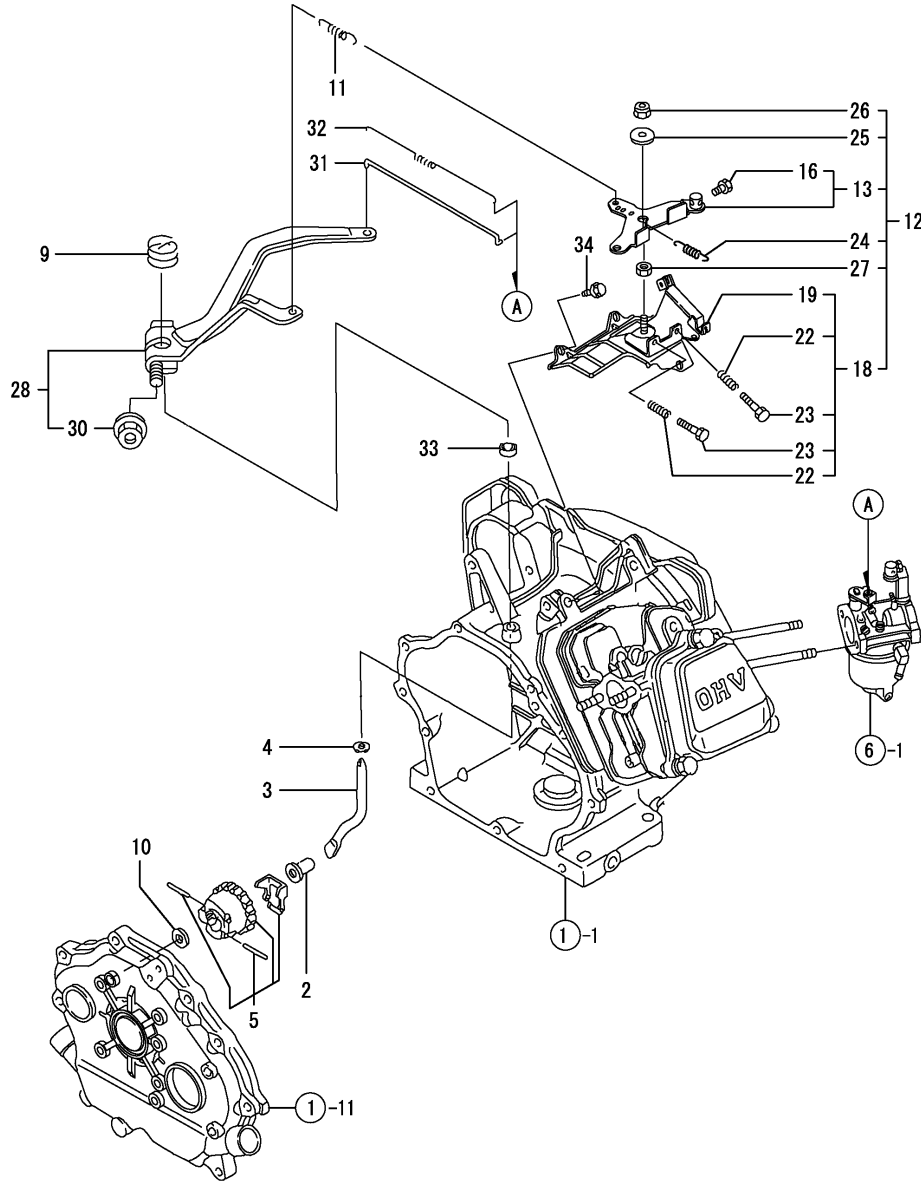
(B)=

(C)=

(D)=

(E)=

(F)=



REF.	LEV.	PARTS NO.	DESCRIPTION	QTY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
2	1	160690-61301	SPINDLE, GOVERNOR	1							
3	1	160690-61311	SHAFT, GOV. LEVER	1							
4	1	160690-61450	WASHER	1							
5	1	160690-61600	GEAR ASSY, GOV.	1							
9	1	160890-66050	SPRING, RETURN	1							
10	1	160120-76940	WASHER	1							
11	1	160890-66010	SPRING, GOVERNOR	1							
12	1	160798-66250	CONTROL ASSY	1							
13	2	160692-66051	LEVER ASSY, CONTROL	1							
16	3	26117-040088	BOLT M 4X 8 PLATED	1							
18	2	160798-66260	BASE ASSY, CONTROL	1							
19	3	160798-66140	BASE ASSY	1							
22	3	160520-66291	SPRING	2							
23	3	26117-040257	BOLT M 4X 25	2							
24	2	160664-66220	SPRING, RETURN	1							
25	2	160670-66350	COLLAR	1							
26	2	26347-060002	U-NUT M 6	1							
27	2	26757-060002	NUT M 6	1							
28	1	160890-66190	LEVER ASSY, GOVERNOR	1							
30	2	26366-060002	NUT M 6	1							
31	1	160690-66200	LINK, THROTTLE	1							
32	1	160690-66210	SPRING, TENSION	1							
33	1	114770-61600	SEAL, OIL	1							
34	1	26476-060142	BOLT M 6X 14,TAPPING	3							

Remarks  
 (REMARKS)"EFFECTIVE MACHINE NO." OF  
 ENGINE IS INDICATED ON THE  
 ENGINE LABEL WHICH IS SHOWN  
 IN FIG.9.

Fig.8. STARTING MOTOR

(A)=GA280E-SEJ2

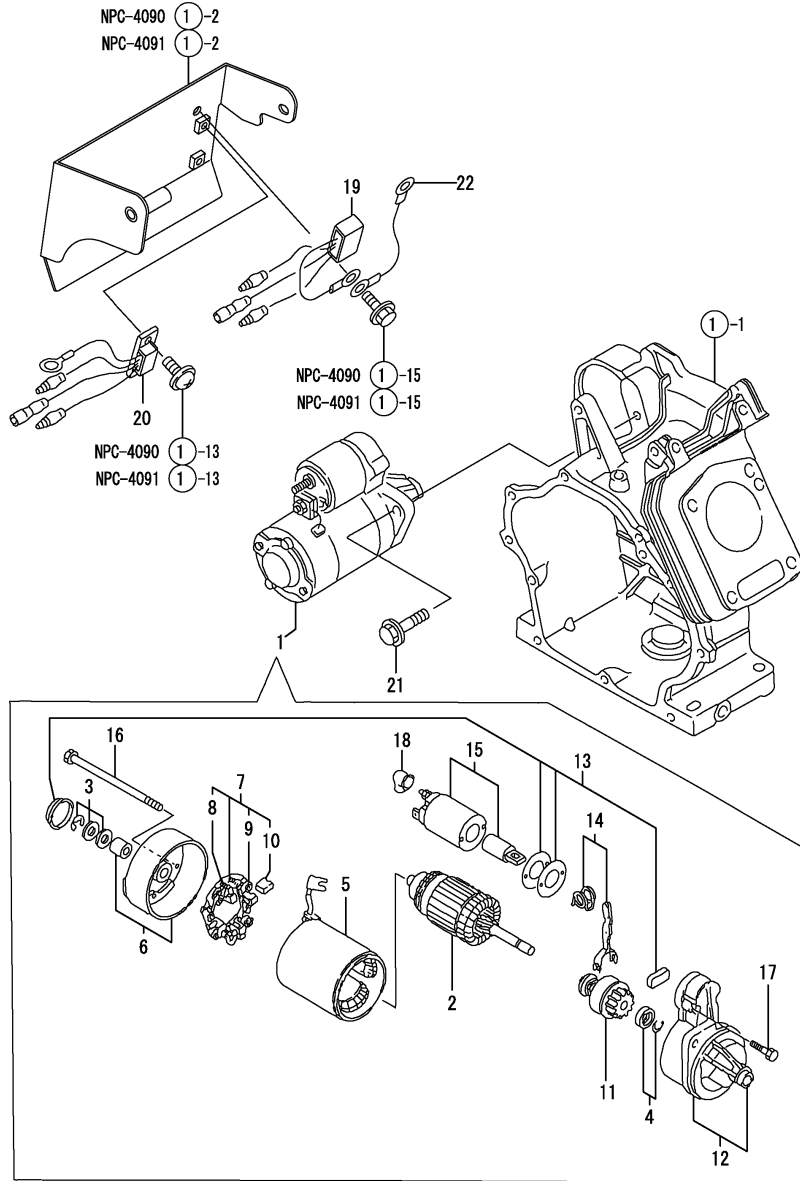
(B)=

(C)=

(D)=

(E)=

(F)=

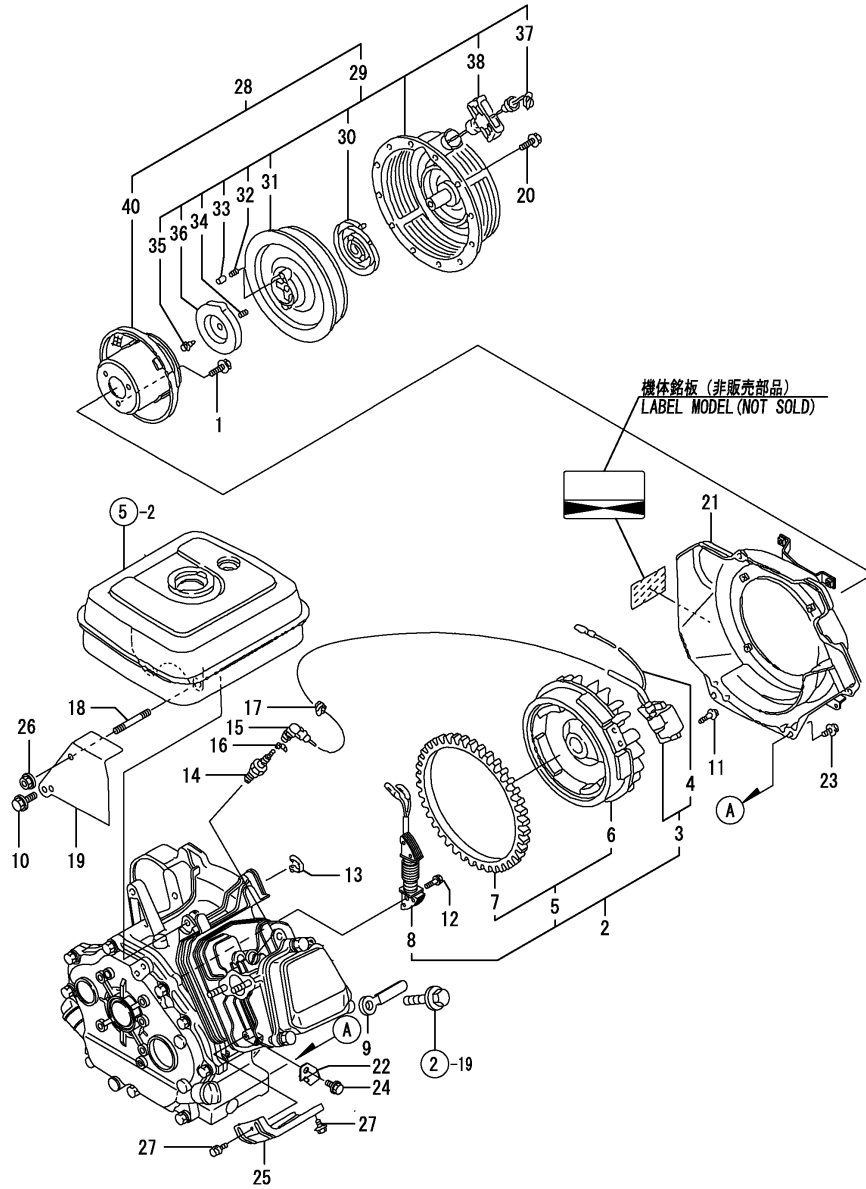


REF.	LEV.	PARTS NO.	DESCRIPTION	QTY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	160891-77020	STARTER	1							
2	2	114371-77110	ARMATURE	1							
3	2	X2114811000	WASHER KIT, THRUST	1							
4	2	X2114715500	STOPPER SET, PINION	1							
5	2	114371-77130	COIL ASSY, FIELD	1							
6	2	114371-77140	COVER ASSY, REAR	1							
7	2	114371-77160	HOLDER ASSY, BRUSH	1							
8	3	114371-79040	BRUSH (-)	2							
9	3	114371-79060	SPRING, BRUSH	4							
10	3	114371-79050	BRUSH (+)	1							
11	2	160891-77750	PINION ASSY	1							
12	2	160891-77760	HOUSING ASSY, GEARS	1							
13	2	114371-77170	COVER KIT, DUST	1							
14	2	114371-77180	SHIFT LEVER KIT	1							
15	2	124298-77020	SWITCH, MAGNET	1							
16	2	124195-77770	THROUGH BOLT	2							
17	2	114371-79070	BOLT M 6X 37	2							
18	2	X2114274200	COVER, TERMINAL	1							
19	1	160708-77350	RECTIFIER	1							
20	1	160791-77490	HARNESS	1							
21	1	26106-100302	BOLT M10X 30 PLATED	2							
22	1	160891-78200	LEAD WIRE	1							

Remarks  
 (REMARKS)"EFFECTIVE MACHINE NO." OF  
 ENGINE IS INDICATED ON THE  
 ENGINE LABEL WHICH IS SHOWN  
 IN FIG.9.



Fig.9. FLYWHEEL MAGNET & STARTING DEVICE



Remarks  
 (REMARKS)"EFFECTIVE MACHINE NO." OF  
 ENGINE IS INDICATED ON THE  
 ENGINE LABEL WHICH IS SHOWN  
 IN FIG.9.

(A)=GA280E-SEJ2

(B)=

(C)=

(D)=

(E)=

(F)=

REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	26106-060122	BOLT M 6X 12 PLATED	3							
2	1	160891-78100	MAGNET ASSY,FLYWHEEL	1							
3	2	160791-78522	IGNITER	1							
4	3	160690-78230	CORD, STOP	1							
5	2	160998-78761	ROTOR	1							
6	3	160998-78510	ROTOR	1							
7	3	160891-78171	GEAR,RING	1							
8	2	160793-78630	COIL, CHARGE	1							
9	1	160710-78710	CLAMP, CORD	1							
10	1	26476-060142	BOLT M 6X 14,TAPPING	1							
11	1	160690-04350	BOLT M6X30	2							
12	1	26476-060252	BOLT M 6X 25,TAPPING	4							
13	1	29610-000650	CLAMP, SPEED 065	1							
14	1	160793-78010	PLUG, SPARK	1							
15	1	160700-78040	CAP, PLUG	1							
16	1	160700-78050	TERMINAL, PLUG	1							
17	1	160700-78720	GROMMET	1							
18	1	160611-04350	BOLT 6X70,TAPPING	1							
19	1	160891-45230	COVER, CYLINDER	1							
20	1	26106-060082	BOLT M 6X 8 PLATED	2							
21	1	160891-45122	CASE, FAN(WHITE)(14)	1							
22	1	160890-45240	COVER, REAR	1							
23	1	26476-060142	BOLT M 6X 14,TAPPING	4							
24	1	26476-060142	BOLT M 6X 14,TAPPING	1							
25	1	160890-45230	HEAD COVER, SIDE	1							
26	1	26366-060002	NUT M 6	1							
27	1	26476-060142	BOLT M 6X 14,TAPPING	2							
28	1	160891-76050	STARTER ASSY, RECOIL	1							
29	2	160891-76250	RECOIL ASSY	1							
30	3	160890-76510	SPRING, SPIRAL	1							
31	3	160891-76520	REEL	1							
32	3	160890-76530	SPRING	2							
33	3	160890-76540	DOG	2							
34	3	160890-76550	SPRING, BRAKE	1							
35	3	160641-76570	SCREW, CENTER	1							
36	3	160891-76570	RETAINER	1							
37	3	160890-76580	ROPE	1							
38	3	160891-76600	KNOB, STARTER	1							
40	2	160890-76590	PULLEY, STARTER	1							

Fig.10. TOOL & LABEL

(A)=GA280E-SEJ2

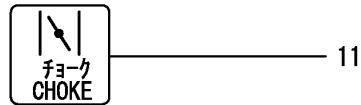
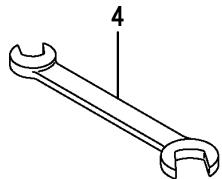
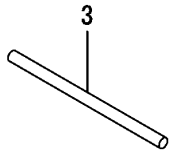
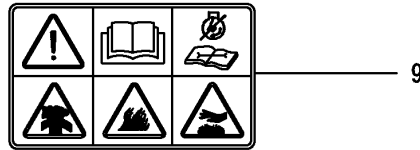
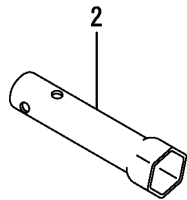
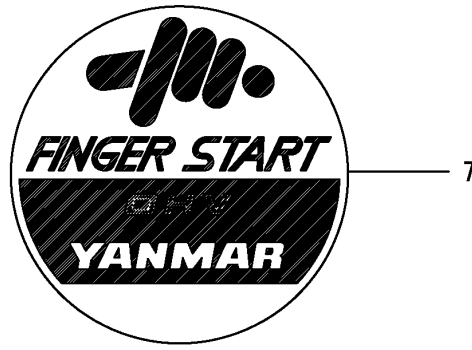
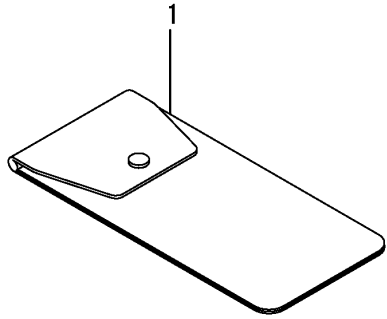
(B)=

(C)=

(D)=

(E)=

(F)=



REF.	LEV.	PARTS NO.	DESCRIPTION	QTY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	160708-92610	BAG, TOOL	1							
2	1	160120-92700	SPANNER, BOX	1							
3	1	160110-92710	BAR	1							
4	1	28110-100120	WRENCH 10X12	1							
7	1	160798-07100	LABEL, FINGER START	1							
9	1	160991-07260	LABEL	1							
10	1	160690-07260	LABEL, DRAIN	1							
11	1	160690-07400	LABEL	1							

Remarks  
 (REMARKS)"EFFECTIVE MACHINE NO." OF  
 ENGINE IS INDICATED ON THE  
 ENGINE LABEL WHICH IS SHOWN  
 IN FIG.9.

## Part Number Index

All parts are stipulated in the order of part numbers.

(Depending on the area in which the part is used.)

This index will display the location of the part according to each part number.

## PARTS No. INDEX

PARTS No.	Fig.	Ref.No.
104200-59170		6
106990-44660	5	25
114250-45310	5	1
114252-13800	3	16
114252-13910	3	17
114252-13950	3	11
		19
114252-13960	3	18
114270-01600	1	7
114371-77110	8	2
114371-77130	8	5
114371-77140	8	6
114371-77160	8	7
114371-77170	8	13
114371-77180	8	14
114371-79040	8	8
114371-79050	8	10
114371-79060	8	9
114371-79070	8	17
114770-61600	7	33
119520-03990	5	28
124195-77770	8	16
124298-77020	8	15
129900-26250	1	9
		14
		16
160110-02220	1	8
		15
160110-92710	10	3
160120-56600	6	29
160120-76940	7	10
160120-92700	10	2
160210-56610	6	11
160260-78700	5	31
160310-14550	4	39
160310-56980	6	9
160310-56990	6	10
160393-55050	5	11
160520-66291	7	22
160610-01690	1	5
160610-03050	2	20
160610-55100	5	12
160610-56900	6	27
160611-04350	9	18
160641-76570	9	35
160664-66220	7	24
160667-56740	6	22
160667-56750	6	23
160670-66350	7	25
160690-04350	9	11

PARTS No.	Fig.	Ref.No.
160690-07260	10	10
160690-07400	10	11
160690-11222	2	12
160690-11280	2	14
160690-55140	5	24
160690-55462	5	21
160690-56560	6	2
160690-56570	6	4
160690-56630	6	19
160690-61301	7	2
160690-61311	7	3
160690-61450	7	4
160690-61600	7	5
160690-66200	7	31
160690-66210	7	32
160690-78230	9	4
160692-55330	5	14
160692-56710	6	25
160692-66051	7	13
160700-78040	9	15
160700-78050	9	16
160700-78720	9	17
160702-56720	6	7
160708-55150	5	13
160708-77350	8	19
160708-92610	10	1
160710-55061	5	4
160710-55360	5	18
160710-55370	5	19
160710-55382	5	17
160710-78710	5	22
	9	9
160763-12600	3	4
160769-59371	5	27
160790-56610	6	30
160791-77490	8	20
160791-78522	9	3
160792-56561	6	26
160793-78010	9	14
160793-78630	9	8
160798-07100	10	7
160798-66140	7	19
160798-66250	7	12
160798-66260	7	18
160802-78270	5	29
160810-01740	1	19
160810-03200	2	21
160810-23201	4	34
160810-56580	6	18
160810-56590	6	17

PARTS No.	Fig.	Ref.No.
160820-78710	5	32
160890-01210	2	22
160890-01331	2	23
160890-04330	2	16
160890-11011	2	1
160890-11101	2	7
160890-11111	2	8
160890-11120	2	9
160890-11190	2	10
160890-11202	2	11
160890-11270	2	13
160890-11290	2	15
160890-11300	2	17
160890-11311	2	18
160890-13211	3	8
160890-13580	3	10
160890-13581	3	10 -1
160890-13660	3	15
160890-13910	3	20
160890-14052	4	1
160890-14200	4	12
160890-14400	4	13
160890-14560	4	11
160890-21200	4	19
160890-21220	4	20
		35
160890-22011	4	24
160890-22300	4	30
160890-28010	4	36
160890-45230	9	25
160890-45240	9	22
160890-56160	6	32
160890-56430	6	12
160890-56520	6	16
160890-56620	6	13
160890-56790	6	34
160890-66010	7	11
160890-66050	7	9
160890-66190	7	28
160890-76510	9	30
160890-76530	9	32
160890-76540	9	33
160890-76550	9	34
160890-76580	9	37
160890-76590	9	40
160891-12500	3	1
160891-12520	3	2
160891-12530	3	3
160891-13010	3	9
160891-13011	3	9 -1

PARTS No.	Fig.	Ref.No.
160891-13550	3	12
160891-45122	9	21
160891-45230	9	19
160891-56021	6	1
160891-56680	6	5
160891-56900	6	33
160891-76050	9	28
160891-76250	9	29
160891-76520	9	31
160891-76570	9	36
160891-76600	9	38
160891-77020	8	1
160891-77750	8	11
160891-77760	8	12
160891-78100	9	2
160891-78171	9	7
160891-78200	8	22
160903-28020	1	10
		17
160910-56151	3	5
	6	31
	5	26
160920-59351	5	26
160991-07260	10	9
160992-56520	6	3
160992-56540	6	6
160992-56550	6	8
160998-04330	3	7
160998-04340	3	22
160998-55390	5	20
160998-56381	6	14
160998-78510	9	6
160998-78761	9	5
181230-56380	6	24
		28
720380-11570	2	24
760792-01504	1	11
760890-21700	4	14
760890-22500	4	26
760890-23700	4	32
760890-55712	5	2
760891-01561	1	1
X2114274200	8	18
X2114715500	8	4
X2114811000	8	3



**YANMAR CO.,LTD.**