

OCT10-M24101EN

PREFACE

This parts catalog carries all parts incorporated in YANMAR Model YM143-HK & YM143D-HK tractors manufactured since January, 1991.

Each illustration corresponds to the parts list on the following page.

When ordering parts, clearly write down the tractor model, as well as the name and number of each part in your order sheet. This will help insure reliable delivery of the parts you have ordered.

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 E00155,(4JH-DT, 4JH-DTZ

① Ref. No.

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

(Ex.) Illustration No.

List Ref No.

1

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 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 newly added.
Z		Part discontinued.
F		Not interchangeable by a single part but interchangeable together with related parts.
K		Changes only for used parts quantities.

④ 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) A date may follow the symbol. (Ex.) 1996.01

Note 2) "XXXXX" and "ZZZZZ" 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.

⑤ 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

Fig. No.	Fig. Name	Fig. No.	Fig. Name
ENGINE(3TN66-UHK)		23.	RING GEAR OF FRONT AXLE
1.	CYLINDER BLOCK	24.	PROPELLER SHAFT(FOR YM143D-HK)
2.	GEAR HOUSING	25.	FRONT AXLE(FOR YM143D-HK)
3.	MOUNTING FLANGE & OIL SUMP	26.	FRONT SHAFT & FRONT SPINDLE
4.	CYLINDER HEAD	27.	STEERING
5.	BONNET	28.	CLUTCH
6.	SUCTION & EXHAUST MANIFOLD	29.	TRANSMISSION HOUSING
7.	CAMSHAFT & DRIVING GEAR	30.	TRANSMISSION GEARS
8.	CRANKSHAFT & PISTON	31.	P.T.O. SHAFT
9.	LUB. OIL SYSTEM	32.	MAIN SHIFT
10.	COOLING WATER SYSTEM	33.	RANGE SHIFT & P.T.O. SHIFT
11.	FUEL INJECTION DEVICE	34.	FRONT DRIVE & SHIFT LEVER
12.	FUEL LINE	35.	RING GEAR & DIFFERENTIAL GEARS
13.	GOVERNOR	36.	REAR AXLE HOUSING & DIFF. LOCK
14.	STARTING MOTOR	37.	FINAL PINION & REAR AXLE SHAFT
15.	GENERATOR	38.	BRAKES
16.	ELECTRIC PART	39.	PARKING BRAKE
17.	GASKET SET & TOOL(OPTIONAL)	40.	HYDRAULIC PUMP
CHASSIS YM143(D)-HK		41.	HYDRAULIC CYLINDER
18.	THROTTLE	42.	HYDRAULIC LIFT
19.	FUEL TANK	43.	HYDRAULIC CONTROL VALVE
20.	FRONT PTO DRIVE & CONTROL	44.	HYDRAULIC CONTROL
21.	FRAME & CENTER PIN	45.	HYDRAULIC PIPES
22.	FRONT AXLE(FOR YM143-HK)	46.	ELECTRIC PARTS
		47.	HOOD

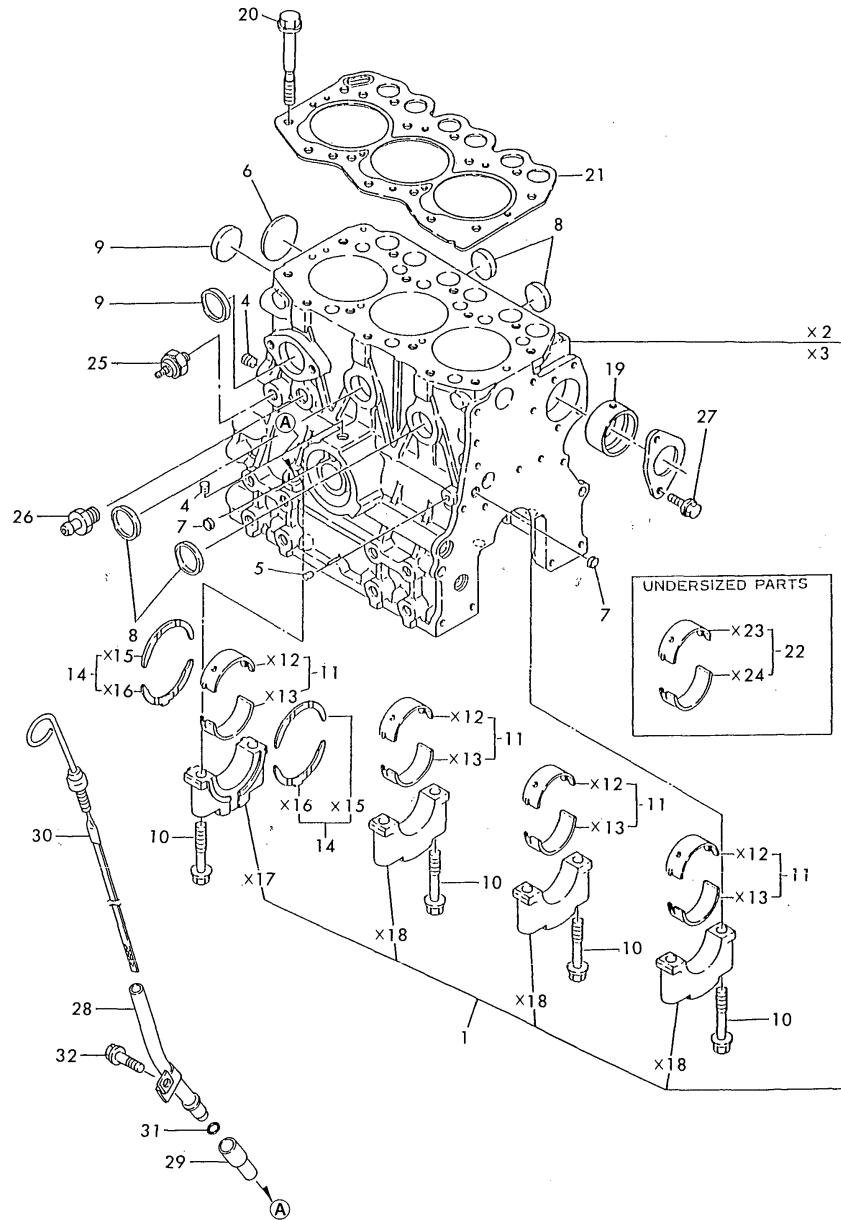
Contents

Fig. No.	Fig. Name
48.	THREE-POINT HITCH
49.	FRONT P.T.O.

Fig. No.	Fig. Name
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Fig.1. CYLINDER BLOCK

Fig. 1 CYLINDER BLOCK



(A)=3TN66-UHK

(B)=

(C)=

(D)=

(E)=

(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	719259-01560	BLOCK ASSY, CYLINDER	1							
4	3	124060-01050	PLUG, PT1/8	2							
5	3	27221-060100	PLUG, 6X10	1							
6	3	27231-400000	PLUG 40	1							
7	3	27241-100000	PLUG, 10	2							
8	3	27241-250000	PLUG, 25	4							
9	3	27241-300000	PLUG 30	2							
10	2	119260-02020	BOLT, METAL CAP	8							
11	2	719260-02800	BEARING, MAIN	4							
14	2	719260-02930	BEARING, THRUST	2							
19	2	119260-02410	BUSH, CAMSHAFT	1							
20	1	119260-01200	BOLT, HEAD	14							
21	1	119225-01340	GASKET, HEAD	1							
22	1	719260-02870	BEARING, 0.25 US	4							1
25	1	124160-39450	SWITCH, 0.5KG	1							
26	1	121550-49111	JOINT, PT1/4	1							
27	1	26106-060122	BOLT, M6X 12 PLATED	2							
28	1	119225-34810	GUIDE, DIPSTICK	1							
29	1	119260-34810	GUIDE, DIPSTICK	1							
30	1	119620-34822	DIPSTICK, OIL	1							
31	1	24311-240100	O-RING, 1AP10A	1							
32	1	26106-060102	BOLT, M6X 10 PLATED	1							

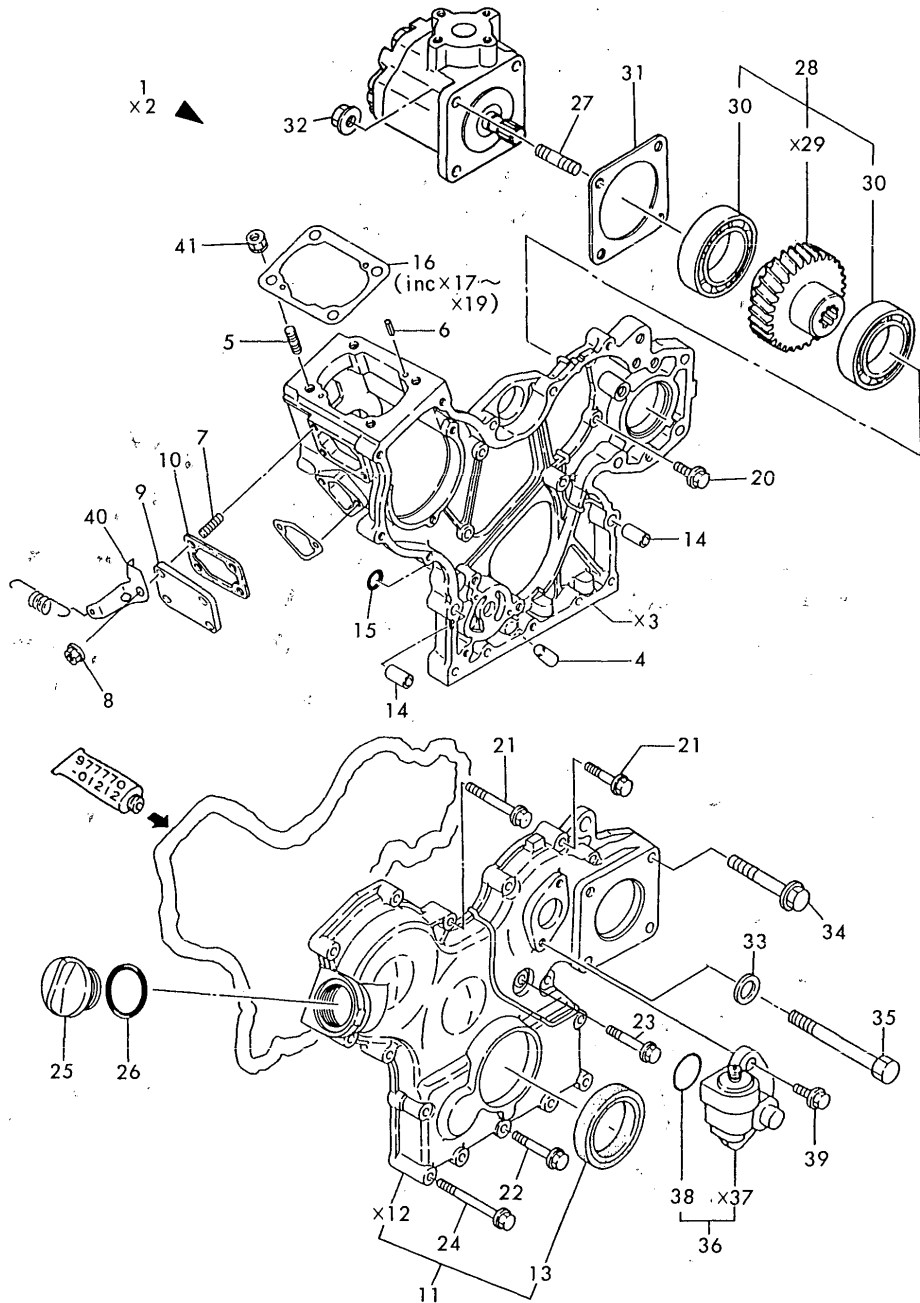
Remarks

(1) UNDERSIZED(U.S=0.25) PART.

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

Fig.2. GEAR HOUSING

Fig. 2 GEAR HOUSING



(A)=3TN66-UHK

(B)=

(C)=

(D)=

(E)=

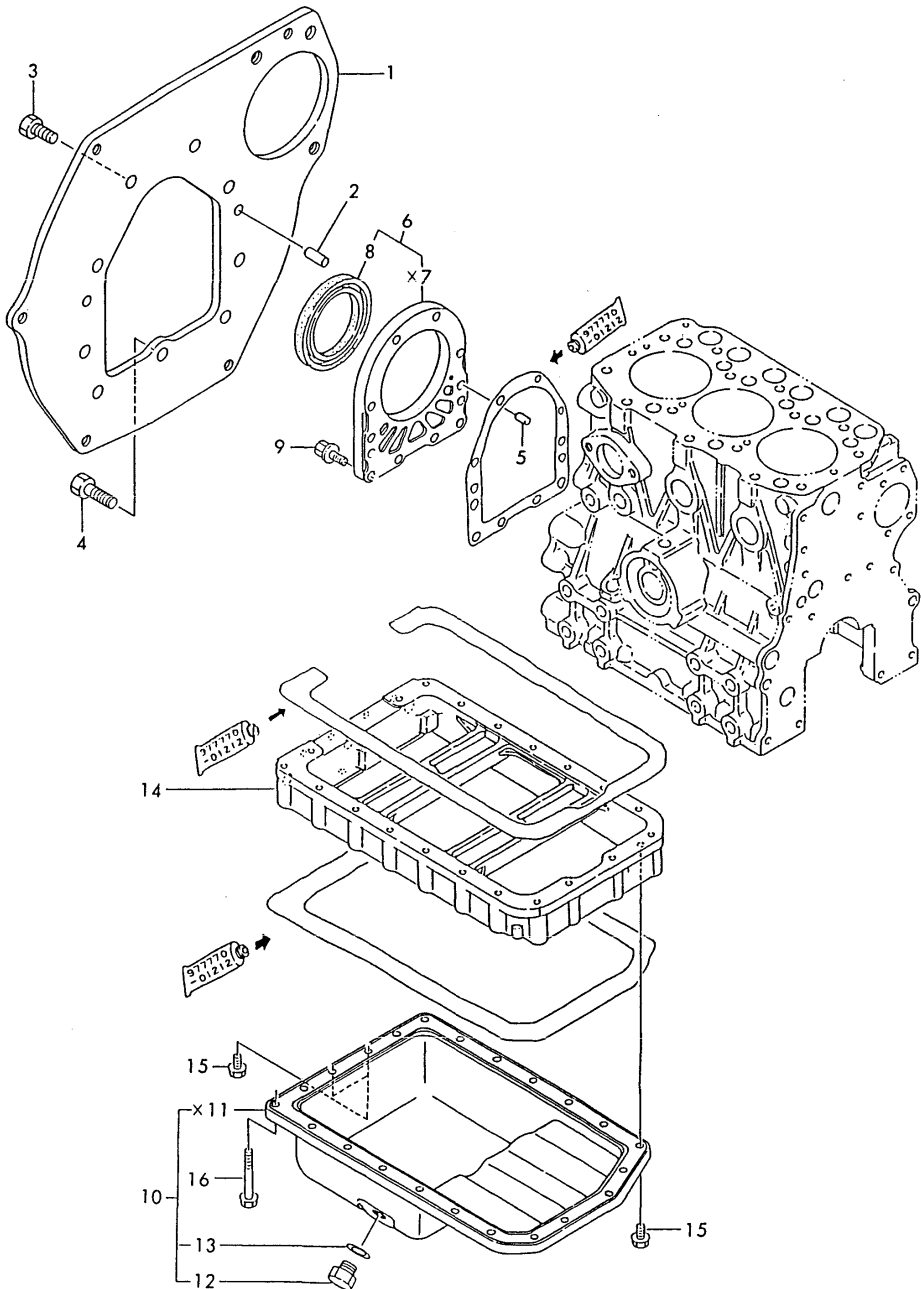
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	719263-01610	CASE ASSY, GEAR	1							
4	3	119260-01510	PLUG	1							
5	3	121450-01560	STUD, M8X22	4							
6	3	22351-040010	PIN, SPRING 4.0X10	2							
7	2	119660-01570	STUD, M6X12	4							
8	2	26366-060002	NUT, M6	4							
9	2	119660-01551	COVER	1							
10	2	119660-01562	GASKET	1							
11	1	119263-01590	COVER ASSY,GEAR CASE	1							
13	2	119620-01800	SEAL, OIL	1							
14	1	119660-01911	PIPE, KNOCK	4							
15	1	24311-000120	O-RING, 1AP12.0	2							
16	1	119620-01950	SHIM SET, ADJUSTING	1							
20	1	26106-060162	BOLT, M6X 16 PLATED	6							
21	1	26106-060302	BOLT, M6X 30 PLATED	4							
22	1	26106-060402	BOLT, M6X 40 PLATED	3							
23	1	26106-060502	BOLT, M6X 50 PLATED	3							
24	1	26106-060652	BOLT, M6X 65 PLATED	6							
25	1	124160-01751	COVER, FILLER	1							
26	1	24311-000320	O-RING, 1AP32.0	1							
27	1	121450-01560	STUD, M8X22	1							
28	1	119263-26000	GEAR ASSY, PUMP	1							
30	2	129350-26490	BEARING, BALL 16005	2							
31	1	124240-01883	GASKET	1							
32	1	194990-22050	NUT, M8	4							
33	1	22137-080000	WASHER, 8	2							
34	1	26106-080702	BOLT, M8X 70 PLATED	1							
35	1	26116-081302	BOLT, M8X130 PLATED	2							
36	1	129150-91400	GEAR	1							
38	2	24341-000240	O-RING, 1AS24.0	1							
39	1	26106-060162	BOLT, M6X 16 PLATED	2							
40	1	119656-66910	HOOK	1							
41	1	194990-22050	NUT, M8	4							W

(A=FROM 1ST)

Fig.3. MOUNTING FLANGE & OIL SUMP

Fig. 3 MOUNTING FLANGE & OIL SUMP



(A)=3TN66-UHK

(B)=

(C)=

(D)=

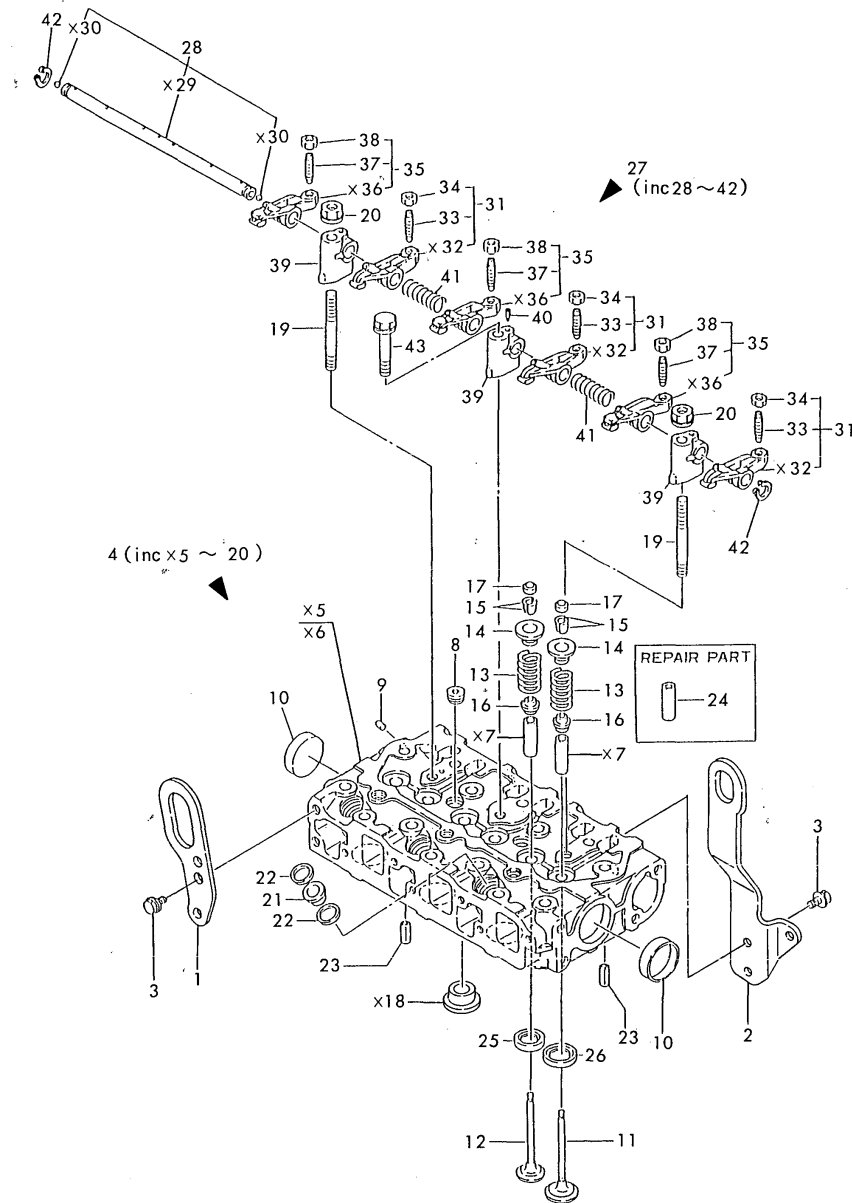
(E)=

(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119259-01610	FLANGE, MOUNTING	1							
2	1	129100-01580	PIN, M8X16	2							
3	1	26206-100202	BOLT, M10X 20 PLATED	6							
4	1	26206-100252	BOLT, M10X 25 PLATED	3							
5	1	119620-01620	PIN, M6X10	2							
6	1	119660-01640	CASE ASSY, OIL SEAL	1							
8	2	124085-02220	SEAL, OIL	1							
9	1	26106-060222	BOLT, M6X 22 PLATED	10							
10	1	119462-01770	SUMP ASSY, OIL	1							
12	2	129054-01640	PLUG, DRAIN 12	1							
13	2	43400-500450	SEAL WASHER 12S	1							
14	1	119454-01721	SPACER, OIL SUMP	1							
15	1	26106-060122	BOLT, M6X 12 PLATED	3							
16	1	26106-060452	BOLT, M6X 45 PLATED	20							

Fig.4. CYLINDER HEAD

Fig. 4 CYLINDER HEAD



(A)=3TN66-UHK

(B)=

(C)=

(D)=

(E)=

(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119260-07900	LIFTER	1							
2	1	119259-07900	LIFTER	1							
3	1	26106-080142	BOLT, M8X 14 PLATED	4							
4	1	719259-11700	HEAD ASSY, CYLINDER	1							
8	3	121850-11860	PLUG, PT1/4	2							
8-1	3	23871-020000	PLUG, R02	2							N
(A=E# 27135)											
9	3	27221-050080	PLUG, 5X 8	1							
10	3	27241-350000	PLUG, 35	2							
11	2	119260-11100	VALVE, INTAKE	3							
12	2	119260-11110	VALVE, EXHAUST	3							
13	2	114250-11120	SPRING, VALVE	6							
14	2	114250-11180	RETAINER, SPRING	6							
15	2	114250-11190	COTTER	12							
16	2	119260-11340	SEAL, VALVE STEM	6							
17	2	119260-11370	CAP, VALVE	6							
19	2	119620-11350	STUD	2							
20	2	26366-080002	NUT, M8	2							
21	1	119600-11450	PROTECTOR, NOZZLE	3							
22	1	119600-11460	GASKET, NOZZLE	6							
23	1	22351-060012	PIN, SPRING 6.0X12	2							
24	1	119260-11800	GUIDE, VALVE	6							1
25	1	124190-11090	SEAT, EXHAUST VALVE	3							1
26	1	124190-11080	SEAT, INTAKE VALVE	3							1
27	1	119260-11200	SUPPORT ASSY, ARM	1							
28	2	119260-11240	SHAFT ASSY, ROCKER	1							
31	2	719260-11650	ARM ASSY, ROCKER	3							
33	3	105010-11230	SCREW, VALVE ADJUST	3							
34	3	26756-060002	NUT, LOCK M6	3							
35	2	719260-11660	ARM ASSY, ROCKER	3							
37	3	105010-11230	SCREW, VALVE ADJUST	3							
38	3	26756-060002	NUT, LOCK M6	3							
39	2	119260-11260	SUPPORT, ROCKER ARM	3							
40	2	119260-11270	SCREW	1							
41	2	119260-11280	SPRING	2							
42	2	22242-000100	RING, 10	2							
43	1	26106-080452	BOLT, M8X 45 PLATED	1							

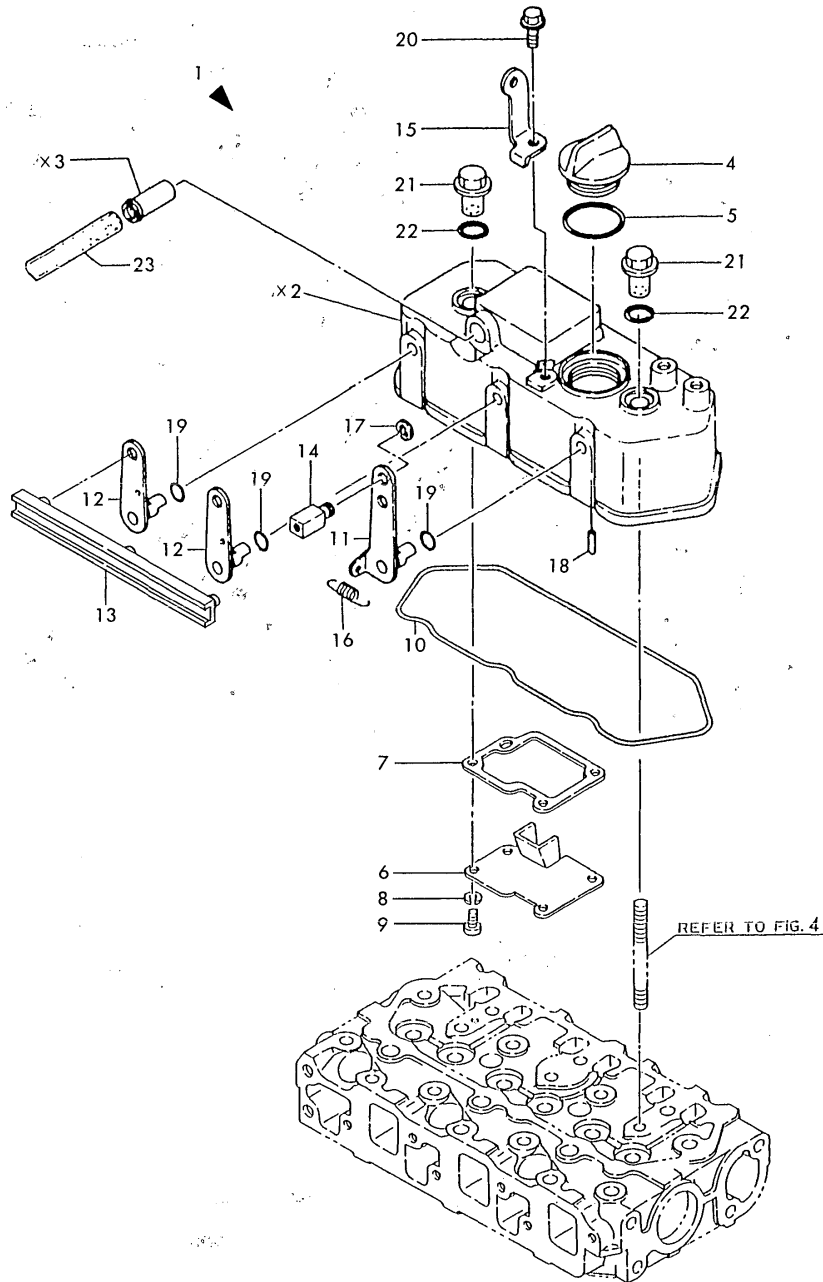
Remarks

(1) REPAIR PART.

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

Fig.5. BONNET

Fig. 5 BONNET



(A)=3TN66-UHK

(B)=

(C)=

(D)=

(E)=

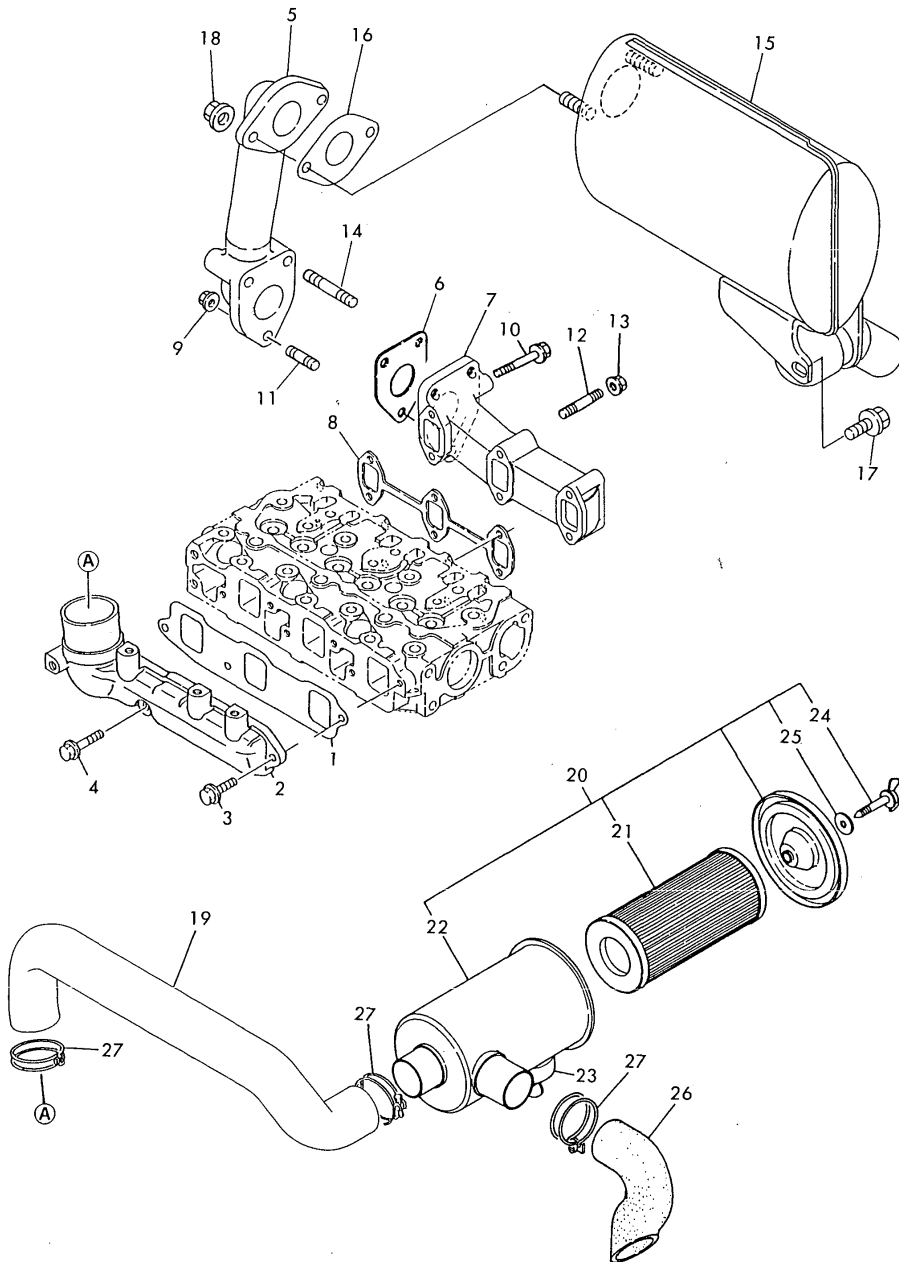
(F)=

No.	Lev.	Parts No.	Description	Qty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119256-11350	BONNET ASSY, HEAD	1							
4	2	124160-01751	COVER, FILLER	1							
5	2	24311-000320	O-RING, 1AP32.0	1							
6	2	119260-03020	PLATE, SHELTER	1							
7	2	119260-03031	GASKET	1							
8	2	22217-050000	WASHER, SPRING 5	4							
9	2	26557-050102	SCREW, M5X10	4							
10	2	119260-11310	GASKET, BONNET	1							
11	2	119256-03730	LEVER, DECOMPRESSION	1							
12	2	119256-03740	LEVER, DECOMPRESSION	2							
13	2	119256-03760	BAR	1							
14	2	121250-03783	RETAINER, INNER WIRE	1							
15	2	119656-03800	SUPPORT, WIRE	1							
16	2	105840-67300	SPRING, RETURN	1							
17	2	22272-000060	RING, E- 6	1							
18	2	22312-030160	PIN, PARALLEL M3X16	3							
19	2	24311-000070	O-RING, 1AP7.0	3							
20	2	26106-060122	BOLT, M6X 12 PLATED	1							
21	1	124160-11360	KNOB	2							
22	1	24311-000120	O-RING, 1AP12.0	2							
23	1	23065-120500	PIPE, 12X 500	1							
23-1	1	23065-120650	PIPE, 12X 650	1							N

(A=E/# 26642)

Fig.6. SUCTION & EXHAUST MANIFOLD

Fig. 6 SUCTION & EXHAUST MANIFOLD



(A)=3TN66-UHK

(B)=

(C)=

(D)=

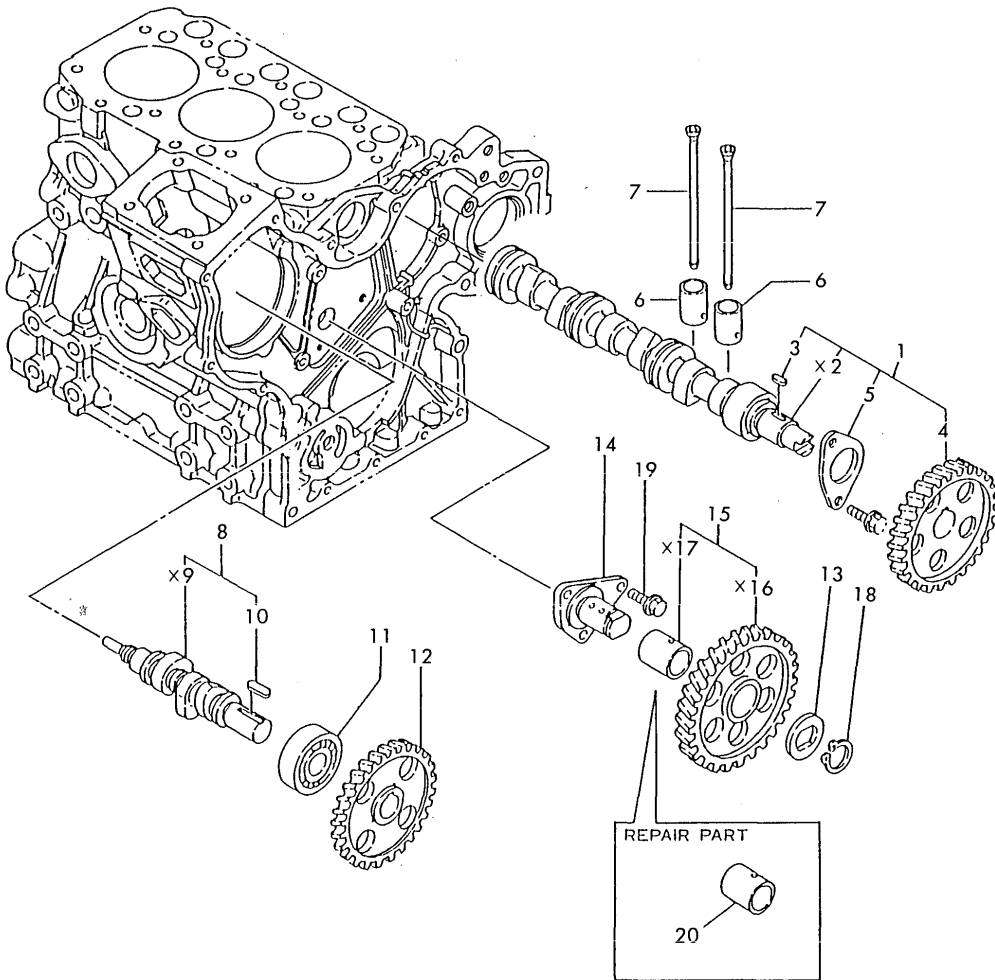
(E)=

(F)=

No.	Lev.	Parts No.	Description	Qty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119270-12110	GASKET, MANIFOLD	1							
2	1	119270-12100	MANIFOLD, AIR INTAKE	1							
3	1	26106-060162	BOLT, M6X 16 PLATED	2							
4	1	26106-060282	BOLT, M6X 28 PLATED	1							
5	1	119259-13120	BEND, EXHAUST	1							
6	1	119260-13202	GASKET, SILENCER	1							
7	1	119225-13150	MANIFOLD, EXHAUST	1							
8	1	119260-13110	GASKET	1							
9	1	194990-22050	NUT, M8	3							
10	1	26106-060402	BOLT, M6X 40 PLATED	4							
11	1	26216-080202	STUD, M8X 20	1							
12	1	26216-060402	STUD, M6X 40	2							
13	1	26366-060002	NUT, M6	2							
14	1	26216-080502	STUD, M8X 50	2							
15	1	119259-13500	SILENCER	1							
16	1	129107-13550	GASKET	1							
17	1	26106-080102	BOLT, M8X 10 PLATED	1							
18	1	194990-22050	NUT, M8	2							
19	1	119259-12200	PIPE, AIR INTAKE	1							
20	1	119860-12500	CLEANER ASSY, AIR	1							
21	2	119860-12510	ELEMENT	1							
22	2	119860-12540	CASE ASSY, CLEANER	1							
23	2	129150-12520	VALVE, UNLOADER	1							
24	2	119860-12550	BOLT	1							
25	2	119860-12560	WASHER, SEAL	1							
26	1	124574-12550	PIPE	1							
27	1	23000-054000	CLAMP, 54	3							
27-1	1	23000-060000	CLAMP, 60	3							R
		(A=E/# 26642)									
28	1	26216-080202	STUD, M8X 20	2							

Fig.7. CAMSHAFT & DRIVING GEAR

Fig. 7 CAMSHAFT & DRIVING GEAR



(A)=3TN66-UHK

(B)=

(C)=

(D)=

(E)=

(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119260-14580	CAMSHAFT ASSY	1							
3	2	22512-040120	KEY, 4X 12	1							
4	1	119260-14100	GEAR, CAMSHAFT	1							
5	2	119620-02450	BEARING, THRUST	1							
6	1	119260-14200	TAPPET	6							
7	1	119260-14400	ROD, PUSH	6							
8	1	119225-14200	CAM ASSY	1							
10	2	22512-040120	KEY, 4X 12	1							
11	1	24102-063034	BEARING, BALL 6303U	1							
12	1	119260-25900	GEAR, PUMP	1							
13	1	119660-25022	RETAINER	1							
14	1	119660-25052	SHAFT, IDLE	1							
15	1	119260-25100	GEAR ASSY, IDLE	1							
18	1	22242-000200	RING, 20	1							
19	1	26106-060122	BOLT, M6X 12 PLATED	3							
20	1	119620-25912	BUSH	1							1

Remarks

(1) REPAIR PART.

Fig.8. CRANKSHAFT & PISTON

(A)=3TN66-UHK

(B)=

(C)=

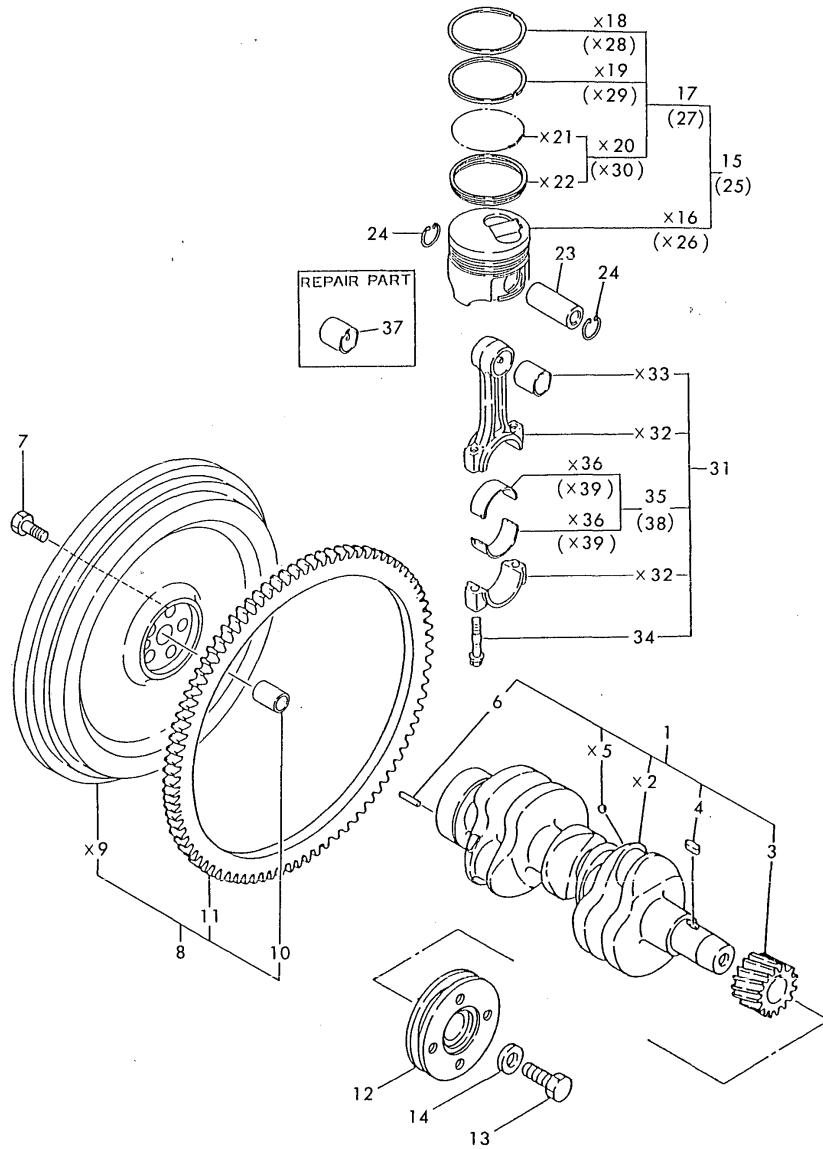
(D)=

(E)=

(F)=

Fig. 8 CRANKSHAFT & PISTON

U19260-23



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	719260-21700	CRANKSHAFT ASSY	1							
3	2	119260-21200	GEAR, CRANKSHAFT	1							
4	2	22512-040120	KEY, 4X 12	1							
6	2	129100-01580	PIN, M8X16	1							
7	1	121111-21501	BOLT, FLYWHEEL	5							
8	1	119259-21590	FLYWHEEL ASSY	1							
10	2	124950-21230	BUSH	1							
11	2	124060-21600	GEAR, RING	1							
12	1	119462-21650	V-PULLEY	1							
13	1	119621-21680	BOLT, FLANGE 12X1.25	1							
14	1	119620-21941	WASHER	1							
15	1	119270-22091	PISTON ASSY	3							
17	2	719270-22501	RING SET, PISTON	3							
23	1	119260-22300	PIN, PISTON	3							
24	1	105225-22400	CIRCLIP	6							
25	1	719270-22820	PISTON ASSY, 0.25 OS	3							1
27	2	719270-22541	RING SET, 0.25 OS	3							1
31	1	719260-23100	ROD ASSY, CONNECTING	3							
34	2	119260-23200	BOLT, CONNECTING ROD	6							
35	2	719260-23600	BEARING, CRANK PIN	3							
37	1	119260-23910	BEARING, PISTON PIN	3							2
38	1	719260-23610	BEARING ASSY, 0.25	3							3

Remarks

- (1) OVERSIZED(O.S=0.25) PART.
- (2) REPAIR PART.
- (3) UNDERSIZED(U.S=0.25) PART.

Fig.9. LUB. OIL SYSTEM

Fig. 9 LUB. OIL SYSTEM

(A)=3TN66-UHK

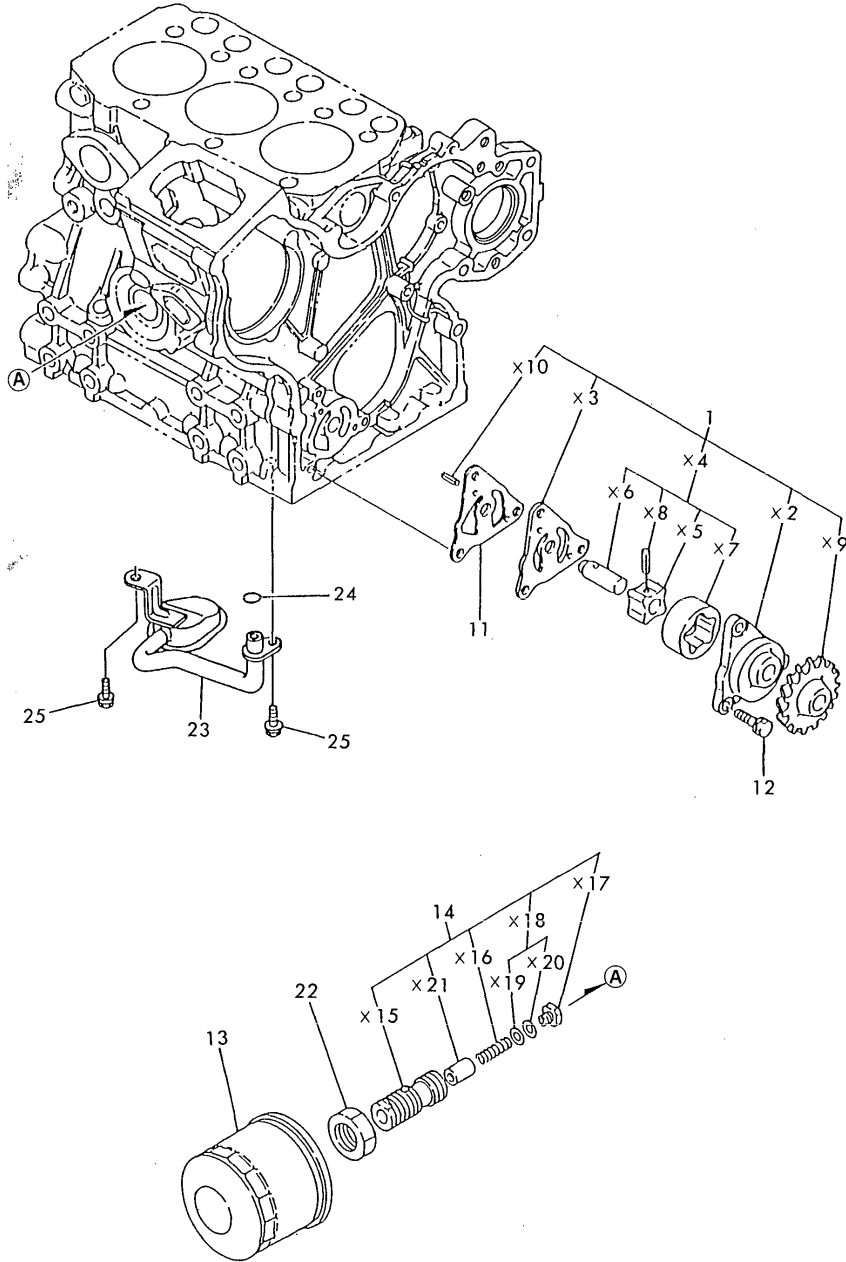
(B)=

(C)=

(D)=

(E)=

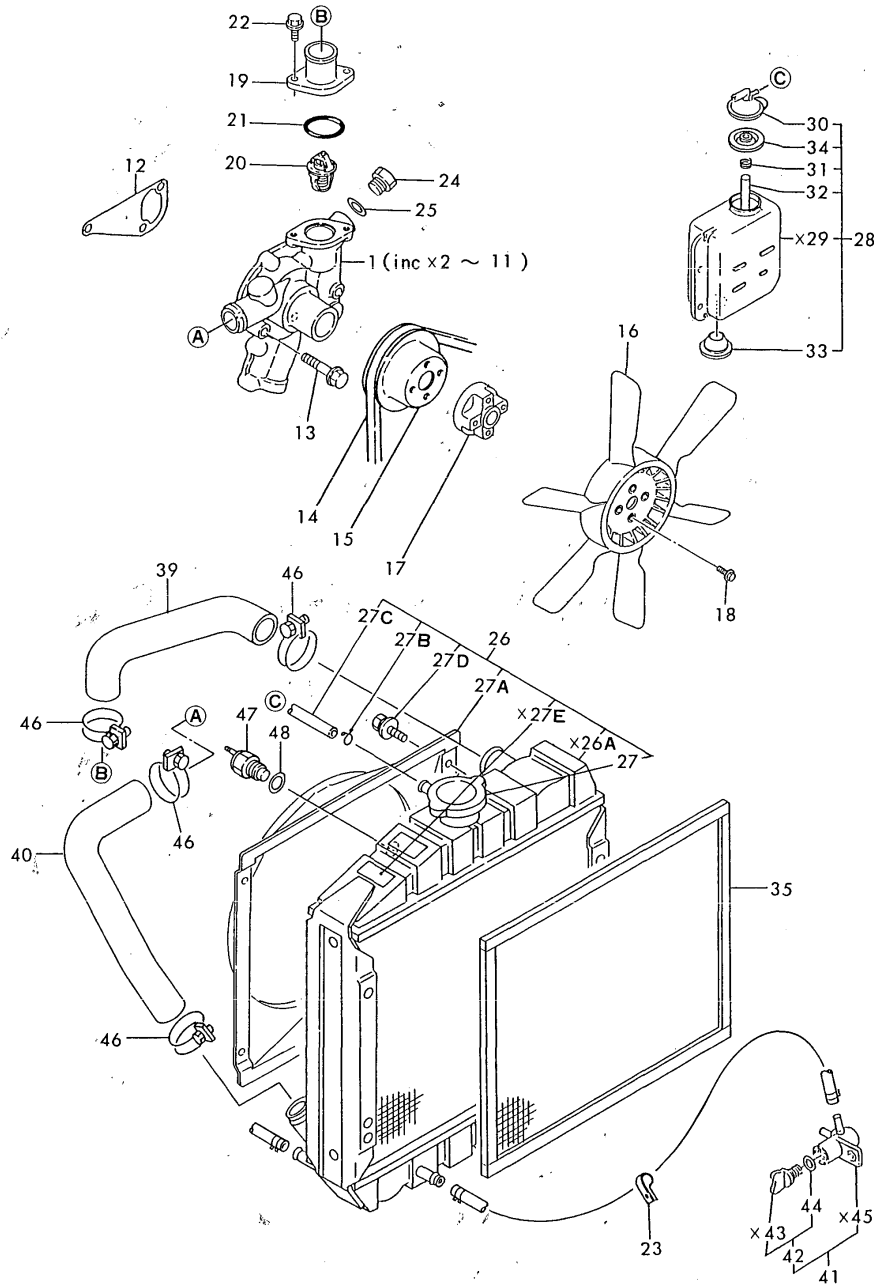
(F)=



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119260-32000	PUMP ASSY, OIL	1							
11	1	119660-32020	GASKET, PUMP	1							
12	1	26013-060202	BOLT, M6X 20	3							
12-1	1	26450-060202 (A=E/# 27135)	BOLT, M6X 20	3							R
13	1	119305-35150	FILTER, OIL	1							
14	1	119225-35300	VALVE ASSY,OIL PRESS	1							
22	1	129150-35350	NUT	1							
23	1	119462-35080	PIPE ASSY, OIL INLET	1							
24	1	24311-000120	O-RING, 1AP12.0	1							
25	1	26106-060122	BOLT, M6X 12 PLATED	2							

Fig.10. COOLING WATER SYSTEM

Fig. 10 COOLING WATER SYSTEM



(A)=3TN66-UHK

(B)=

(C)=

(D)=

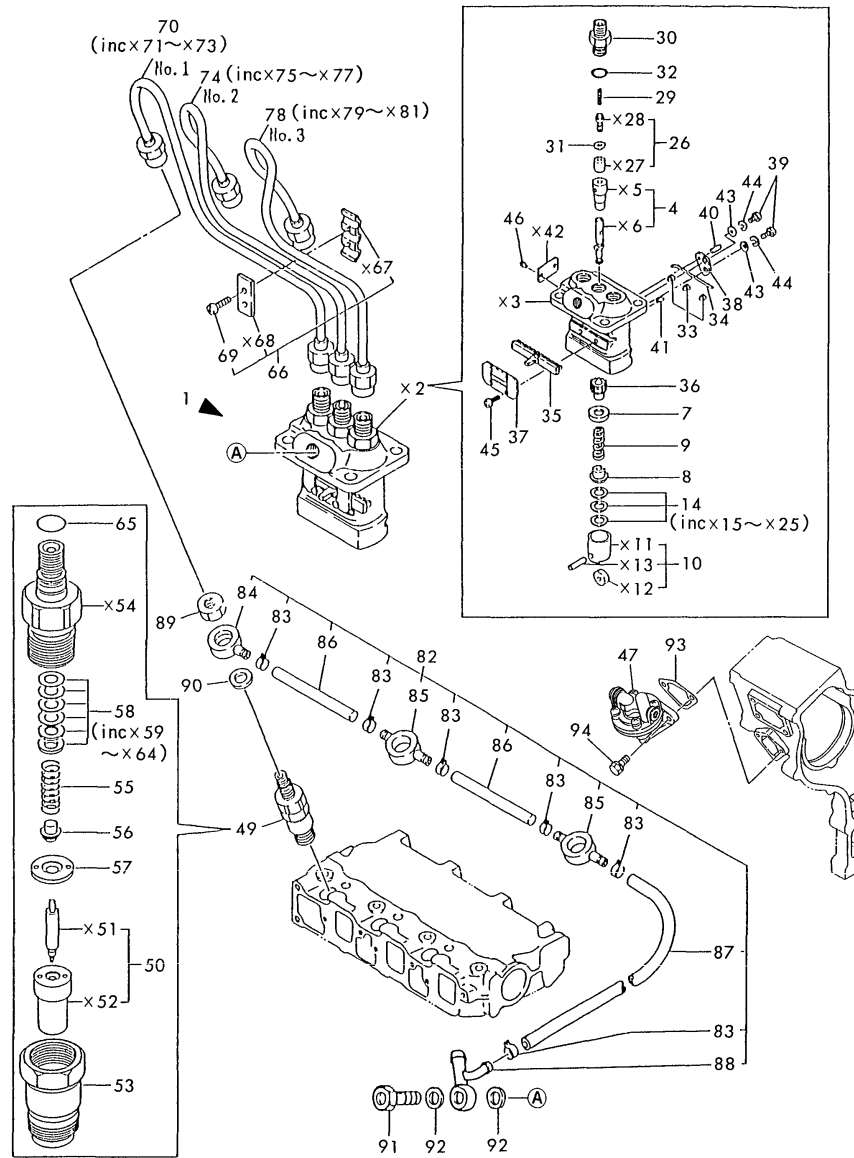
(E)=

(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119259-42000	PUMP ASSY, WATER	1							
4	2	119225-42051	GASKET, WATER PUMP	1							
5	2	119225-42120	PLATE	1							
11	2	23871-030000	PLUG, R03	2							
12	1	119225-42020	GASKET, WATER PUMP	1							
13	1	26106-080452	BOLT, M8X 45 PLATED	3							
14	1	119656-42291	V-BELT, 36	1							
15	1	119620-42350	V-PULLEY	1							
16	1	124450-44740	FAN, COOLING	1							
17	1	119256-44760	SPACER, FAN	1							
18	1	26106-060602	BOLT, M6X 60 PLATED	4							
19	1	119260-49530	COVER, THERMOSTAT	1							
20	1	119260-49800	THERMOSTAT, 71	1							
21	1	24321-000350	O-RING, 1AG35.0	1							
22	1	26106-060182	BOLT, M6X 18 PLATED	2							
23	1	194440-51630	CLAMP, HARNESS	1							
24	1	121450-42450	PLUG, M16	1							
25	1	124465-44950	GASKET, 16	1							
26	1	119259-44500	RADIATOR ASSY	1							
27	2	119259-44570	CAP, RADIATOR	1							
27A	2	119259-44540	SHROUD	1							W
		(A=FROM 1ST)									
27B	2	121250-44590	CLAMP	2							W
		(A=FROM 1ST)									
27C	2	124936-59090	PIPE, FUEL	1							W
		(A=FROM 1ST)									
27D	2	26014-060122	BOLT, M6X 12	4							W
		(A=FROM 1ST)									
28	1	121468-44510	SUB-TANK ASSY	1							
30	2	121450-44531	CAP	1							
31	2	124450-44560	RETAINER	1							
32	2	23065-070130	PIPE, 7X 130	1							
33	2	121468-44540	PLUG, SUB-TANK	1							
34	2	121470-44581	GASKET	1							
35	1	121579-44580	SCREEN	1							
39	1	119259-49010	PIPE, WATER	1							
40	1	119259-49020	PIPE, WATER	1							
41	1	129550-49100	COCK ASSY, 2-WAY	1							
42	2	129150-49080	COCK, DRAIN	1							
44	3	119629-49080	GASKET	1							
45	2	129550-49090	BODY, 2-WAY COCK	1							
46	1	121267-49500	BAND, 38	4							
47	1	121250-44901	SWITCH, 110	1							
48	1	124465-44950	GASKET, 16	1							

Fig.11. FUEL INJECTION DEVICE

Fig. 11 FUEL INJECTION DEVICE



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	719259-51300	PUMP ASSY, INJECTION	1							1
4	3	119225-51100	PLUNGER ASSY	3							
7	3	119620-51170	RETAINER, SPRING A	3							
8	3	119620-51180	RETAINER, SPRING B	3							
9	3	119620-51190	SPRING, PLUNGER	3							
10	3	119620-51700	TAPPET ASSY	3							
14	3	119620-51250	SHIM SET	3							
26	3	119225-51300	VALVE ASSY, DELIVERY	3							
29	3	105546-51330	SPRING, DELIVERY	3							
30	3	119620-51340	HOLDER, DELIVERY	3							
31	3	119620-51350	GASKET	3							
32	3	119620-51370	O-RING	3							
33	3	119620-51450	PIECE	3							
34	3	119620-51461	PIN	1							
35	3	119660-51500	RACK, CONTROL	1							
36	3	119620-51510	PINION	3							
37	3	119660-51530	RETAINER, RACK	1							
38	3	119620-51650	PLATE	2							
39	3	119620-51660	SCREW	2							
40	3	119620-51670	PIN	2							
41	3	119620-51680	PIN	1							
43	3	22137-040000	WASHER, 4	2							
44	3	22217-040000	WASHER, SPRING 4	2							
45	3	26022-040082	SCREW, M4X 8	4							
46	3	26587-040102	SCREW, M4X10	2							
47	2	119600-52021	PUMP ASSY, FUEL FEED	1							
49	1	719620-53700	VALVE ASSY, INJECTION	3							
50	2	119620-53000	VALVE ASSY, INJECTION	3							
53	2	119620-53080	NUT, NOZZLE	3							
55	2	119620-53120	SPRING, NOZZLE	3							
56	2	114250-53130	SEAT, SPRING	3							
57	2	119620-53140	SPACER, VALVE STOP	3							
58	2	114250-53400	SHIM SET	3							
65	2	129155-61830	O-RING, S10	3							
66	1	129150-59120	RETAINER, PIPE	1							
69	2	129150-59130	BOLT, M4X12	2							
70	1	119225-59810	PIPE ASSY, INJECTION	1							
74	1	119260-59820	PIPE ASSY, INJECTION	1							
78	1	119260-59830	PIPE ASSY, INJECTION	1							
82	1	119642-59540	PIPE ASSY, RETURN	1							
83	2	124066-59100	CLIP, HOSE 8	6							
84	2	119260-59520	JOINT	1							
85	2	119260-59530	JOINT	2							
86	2	105025-59550	PIPE, FUEL RETURN	2							
87	2	119642-59550	PIPE, FUEL RETURN	1							
88	2	119642-59570	JOINT, OVER FLOW	1							
89	1	119620-59700	NUT, NOZZLE	3							
90	1	23414-140000	GASKET, 14X1.0	3							
91	1	124550-59820	BOLT, PIPE JOINT M8	1							
92	1	23414-080012	GASKET, 8X1.0	2							
93	1	121520-01851	GASKET	1							

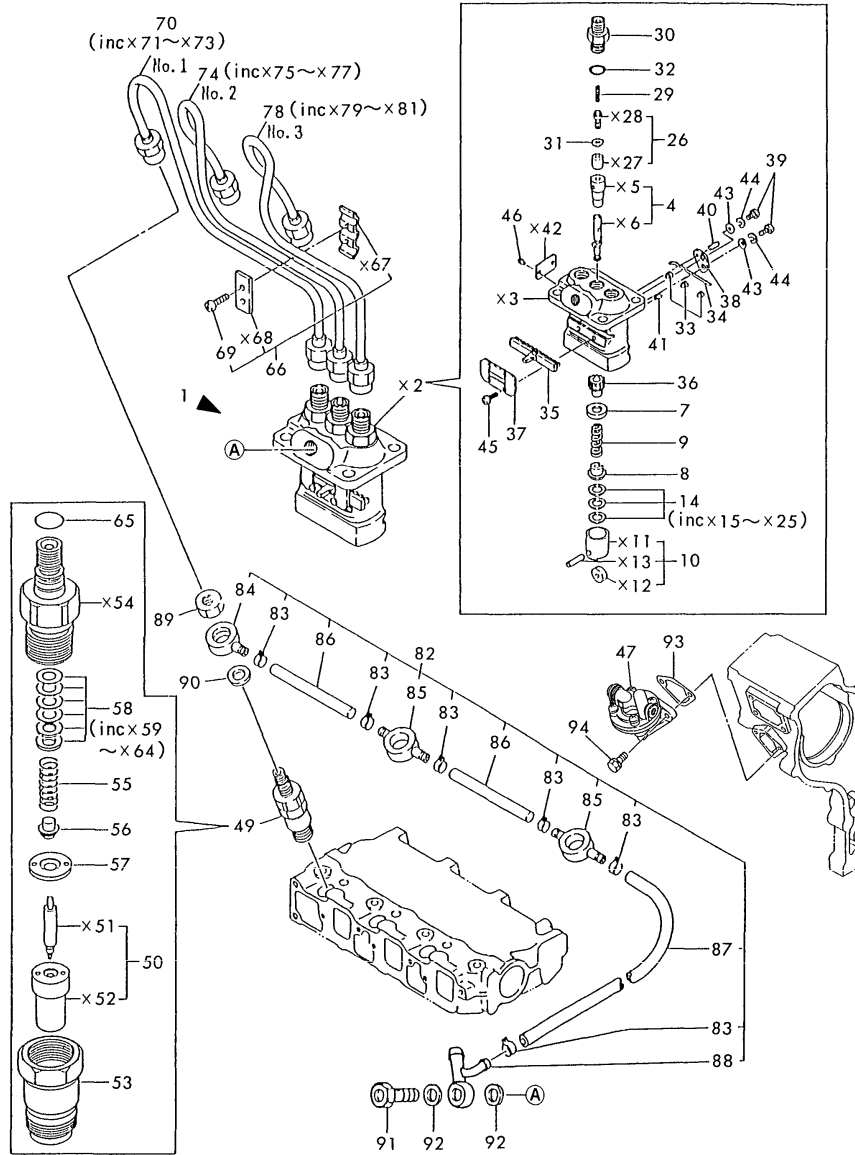
Remarks
 (1) FUEL INJECTION PUMP ASSY(REF.NO.1,
 P/# 719259-51300) INCLUDES GOVERNOR
 ASSY(FIG.13).

Fig.11. FUEL INJECTION DEVICE

(A)=3TN66-UHK
(B)=
(C)=

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

Fig. 11 FUEL INJECTION DEVICE

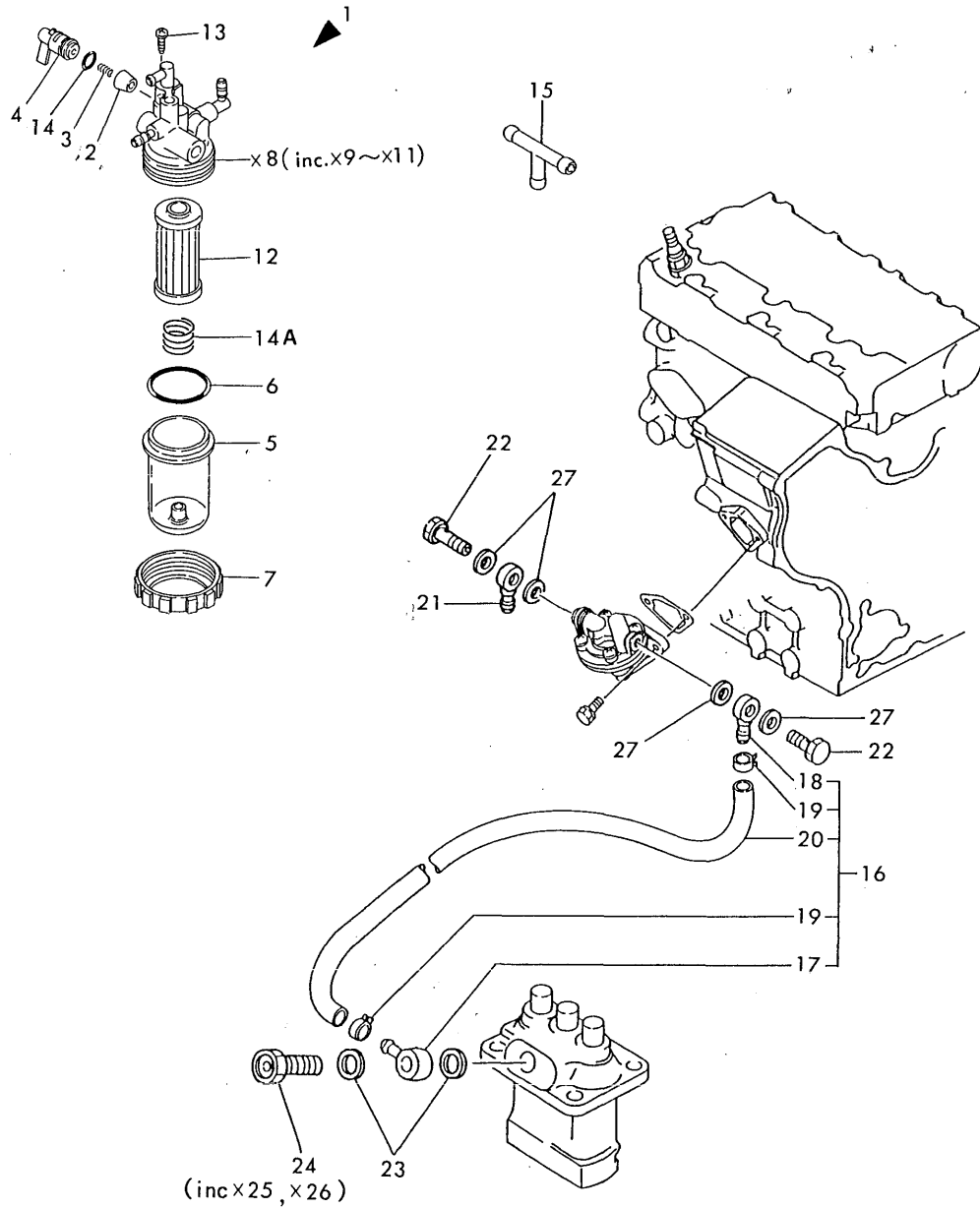


No.	Lev.	Parts No.	Description	Qty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
94	1	26014-060202	BOLT, M6X 20	2							

Remarks
(1) FUEL INJECTION PUMP ASSY (REF. NO. 1,
P/# 719259-51300) INCLUDES GOVERNOR
ASSY (FIG. 13).

Fig.12. FUEL LINE

Fig. 12 FUEL LINE



(A)=3TN66-UHK

(B)=

(C)=

(D)=

(E)=

(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119859-55600	FILTER ASSY, FUEL	1							
2	2	104200-55321	VALVE, TAPER	1							
3	2	104200-55330	SPRING, VALVE	1							
4	2	119810-55340	LEVER	1							
5	2	121254-55510	COVER	1							
6	2	102103-55520	O-RING	1							
7	2	110250-55610	RING, RETAINING	1							
12	2	119810-55700	ELEMENT	1							
13	2	104200-55750	SCREW, M4	1							
14	2	24311-240100	O-RING, 1AP10A	1							
14A	2	121250-55600	STRAINER ASSY, FUEL	1							
15	1	119629-59910	JOINT, 3-WAY	1							
16	1	119650-59010	PIPE ASSY, FUEL	1							
17	2	101304-59020	JOINT, PIPE 12	1							
18	2	104264-59030	JOINT, PIPE 8	1							
19	2	124766-59050	CLIP, HOSE 12	2							
20	2	106430-59560	PIPE, FUEL	1							
21	1	104264-59030	JOINT, PIPE 8	1							
22	1	105582-59150	BOLT, PIPE JOINT	2							
23	1	104200-59170	GASKET, 12	2							
24	1	119462-59190	BOLT ASSY, JOINT	1							
27	1	23414-080012	GASKET, 8X1.0	4							

Fig.13. GOVERNOR

(A)=3TN66-UHK

(B)=

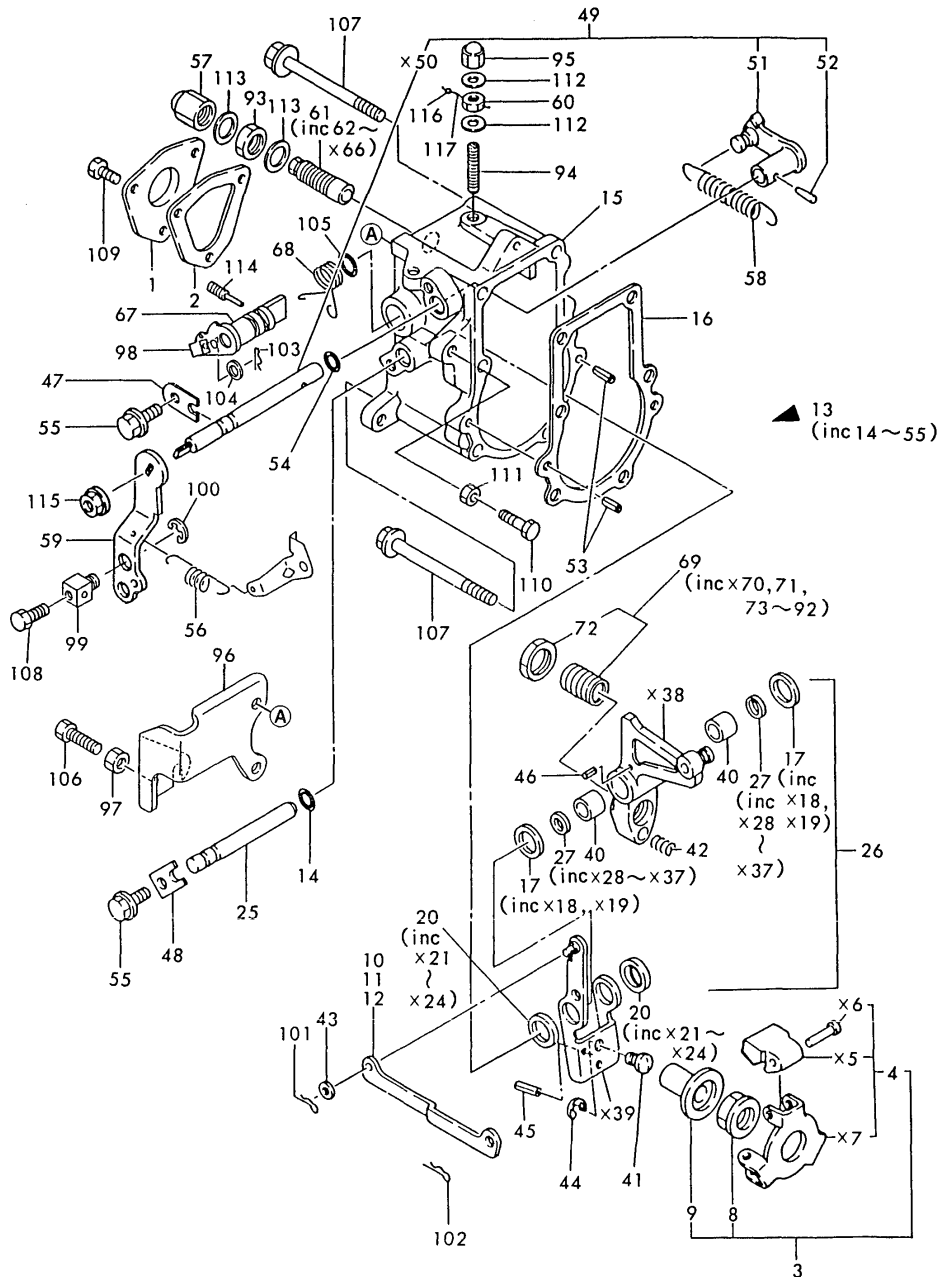
(C)=

(D)=

(E)=

(F)=

Fig. 13 GOVERNOR



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119660-61060	COVER, GOVERNOR CASE	1							
2	1	119660-61071	GASKET	1							
3	1	119600-61100	DRIVE ASSY	1							
4	2	119600-61200	WEIGHT ASSY,GOVERNOR	1							
8	2	119660-61300	NUT	1							
9	2	119660-61341	SLEEVE	1							
10	1	119660-61121	LINK, NO MARK	1							
11	1	119660-61140	LINK, MARK :2	1							
12	1	119660-61150	LINK, MARK :3	1							
13	1	119610-61200	CASE ASSY, GOVERNOR	1							
14	2	129155-51280	O-RING, S6	1							
15	2	119660-61013	CASE, GOVERNOR	1							
16	2	119660-61052	GASKET	1							
17	2	119660-61460	SHIM SET	1							
20	2	129155-61480	SPACER ASSY	2							
25	2	119660-61491	SHAFT	1							
26	2	119656-61500	LEVER ASSY, GOVERNOR	1							
27	3	174307-51700	SHIM SET	2							
38	3	119660-61512	LEVER, TENSION	1							
39	3	119600-61520	LEVER, GOVERNOR	1							
40	3	121450-61520	BEARING, NEEDLE 8	2							
41	3	119600-61540	SHIFTER	1							
42	3	119660-61651	SPRING, STARTING	1							
43	3	22117-040000	WASHER, 4	1							
44	3	22272-000040	RING, E- 4	1							
45	3	22351-020004	PIN, SPRING 2.0X 4	1							
46	3	22351-030014	PIN, SPRING 3.0X14	1							
47	2	119600-61900	RETAINER, SHAFT	1							
48	2	119660-61901	RETAINER, SHAFT	1							
49	2	119621-66091	SHAFT ASSY	1							
51	3	119660-66072	LEVER, REGULATOR	1							
52	3	22322-030160	PIN, TAPER 3X16	1							
53	2	22351-040010	PIN, SPRING 4.0X10	2							
54	2	24341-000070	O-RING, 1AS7.0	1							
55	2	26106-060102	BOLT, M6X 10 PLATED	2							
56	1	119840-61870	SPRING	1							
57	1	129100-61930	NUT, CAP	1							
58	1	119600-66020	SPRING, REGULATOR	1							
59	1	119621-66051	LEVER, REGULATOR	1							
60	1	124550-66370	NUT, M6	1							
61	1	119629-66510	LIMITER ASSY, FUEL	1							
62	2	129100-61460	PIN	1							
64	2	119260-66580	SPRING	1							
66	2	26756-050002	NUT, LOCK M5	2							
67	1	119600-66521	HANDLE, STOP	1							
68	1	119600-66681	SPRING, RETURN	1							
69	1	119600-66720	ANGLEICH ASSY	1							
71	2	129155-61580	SHIFTER	1							
72	2	129155-61590	NUT, LOCK	1							
73	2	129156-61600	SPRING, ANGLEIGH	1							
74	2	129555-61800	SHIM SET	1							

N:Old $\begin{matrix} \text{Yes} \\ \text{No} \end{matrix}$ New, Q:Old $\begin{matrix} \text{No} \\ \text{Yes} \end{matrix}$ New, R:Old $\begin{matrix} \text{Yes} \\ \text{No} \end{matrix}$ New, S:Old $\begin{matrix} \text{No} \\ \text{Yes} \end{matrix}$ New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change
 ++ CONTINUE ++
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Fig.13. GOVERNOR

(A)=3TN66-UHK

(B)=

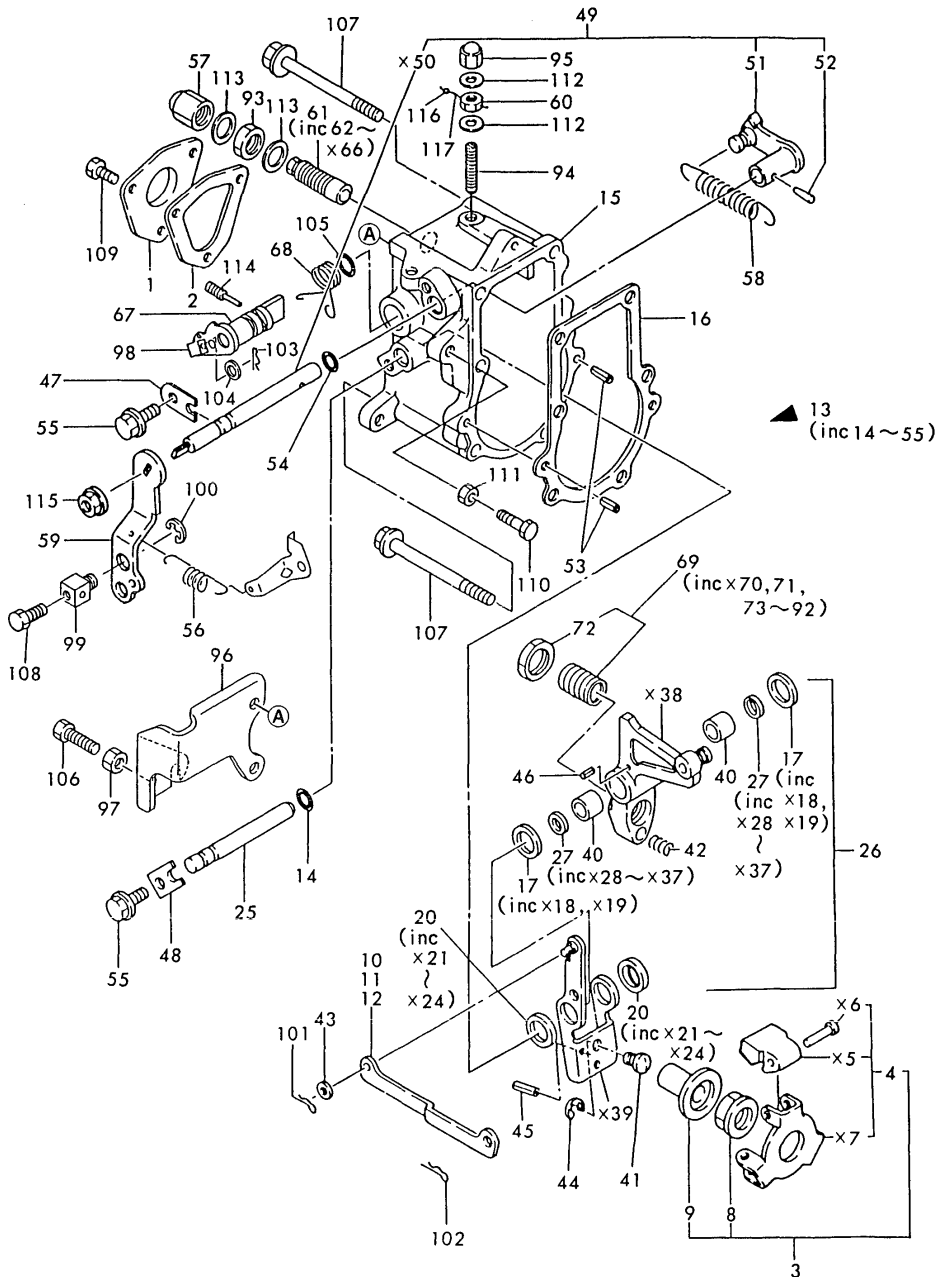
(C)=

(D)=

(E)=

(F)=

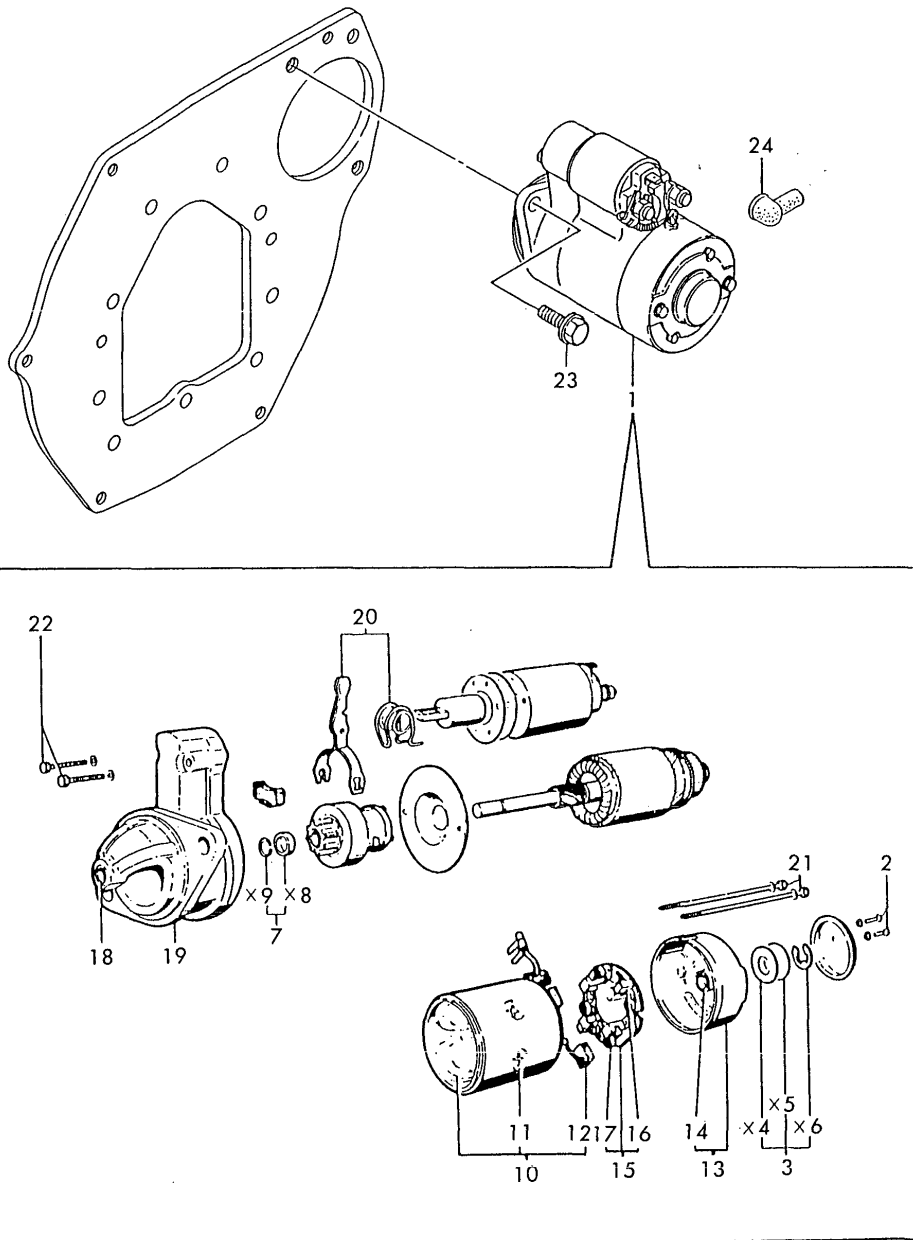
Fig. 13 GOVERNOR



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
91	2	22117-050000	WASHER, 5	1							
92	2	22272-000040	RING, E- 4	1							
93	1	124772-66750	NUT, LOCK M12	1							
94	1	121575-66830	SCREW	1							
95	1	119600-66840	NUT, CAP	1							
96	1	119259-66900	SUPPORT, WIRE	1							
97	1	26756-060002	NUT, LOCK M6	1							
98	1	129795-67310	RETAINER	1							
99	1	124756-67510	RETAINER	1							
100	1	22272-000070	RING, E- 7	1							
101	1	22360-040000	PIN, SNAP 4	1							
102	1	22360-060000	PIN, SNAP 6	1							
103	1	22360-060000	PIN, SNAP 6	1							
104	1	23414-060000	GASKET, 6X1.0	1							
105	1	24311-240100	O-RING, 1AP10A	1							
106	1	102100-67080	BOLT, ADJUSTING	1							
107	1	26106-060702	BOLT, M6X 70 PLATED	6							
108	1	26116-040088	BOLT, M4X 8 PLATED	1							
109	1	26116-050102	BOLT, M5X 10 PLATED	3							
110	1	26116-060304	BOLT, M6X 30 PLATED	1							
111	1	26756-060002	NUT, LOCK M6	1							
112	1	43400-500400	SEAL WASHER 6	2							
113	1	43400-500450	SEAL WASHER 12	2							
114	1	124250-03640	SCREW	1							
115	1	194990-22050	NUT, M8	1							
116	1	135210-61090	LEAD	1							
117	1	22451-060000	WIRE, 0.6	1							

Fig.14. STARTING MOTOR

Fig. 14 STARTING MOTOR



(A)=3TN66-UHK

(B)=

(C)=

(D)=

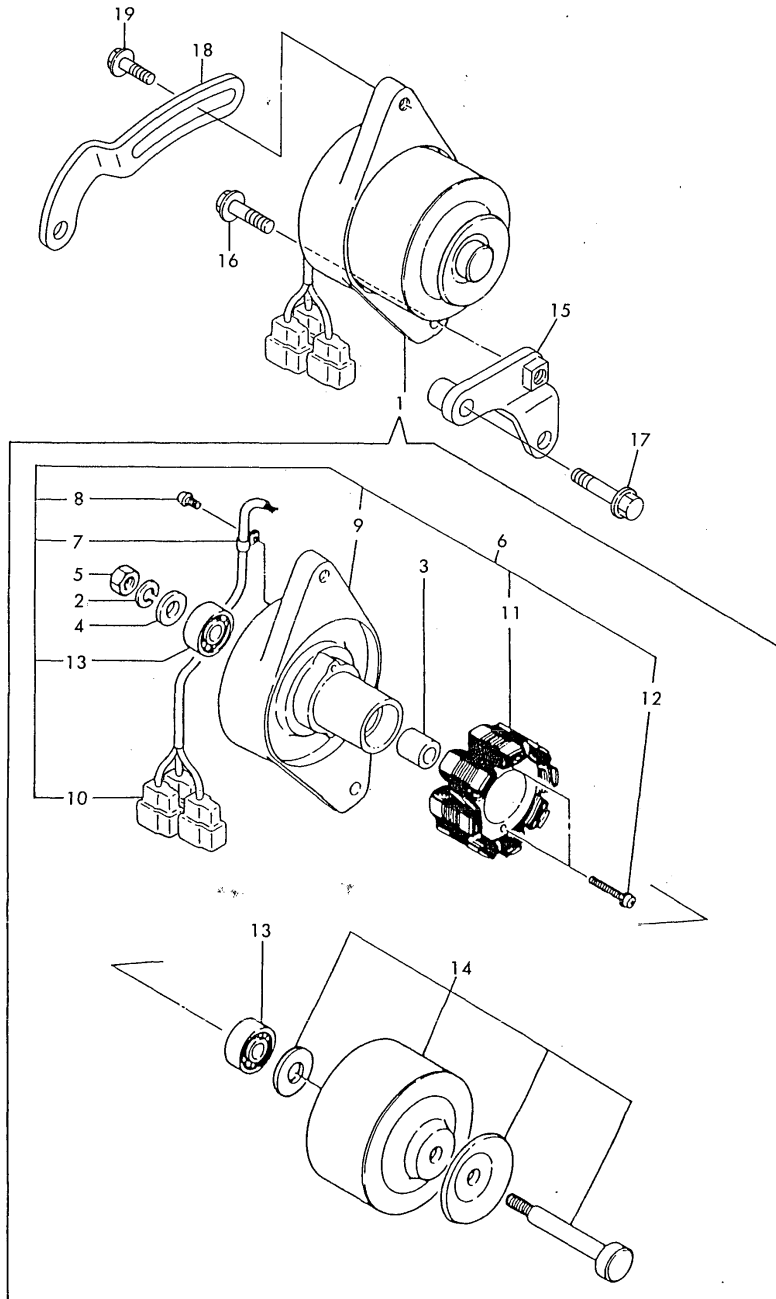
(E)=

(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119865-77011	STARTER	1							
2	2	X0630412	BOLT M 4X 12	2							
3	2	X21148110	WASHER SET, THRUST	1							
7	2	X21147155	STOPPER SET, PINION	1							
10	2	X2114631090	COIL ASSY, FIELD	1							
11	2	X21148215	SCREW, POLE CORE	4							
12	2	X21145312	BRUSH, +	2							
13	2	X211443001	COVER ASSY, REAR	1							
14	3	X21145352	METAL	1							
15	2	X211499001	HOLDER ASSY, BRUSH	1							
16	3	X21148313	BRUSH (-)	1							
17	3	X21149314	SPRING, BRUSH	3							
18	2	X21145352	METAL	1							
19	2	X211478006	COVER KIT	1							
20	2	X2114660130	LEVER KIT, SHIFT	1							
21	2	X211468005	BOLT, THROUGH	2							
22	2	X21145867	BOLT, M6	2							
23	1	26106-100302	BOLT, M10X 30 PLATED	2							
24	1	124550-77030	COVER, TERMINAL	1							

Fig.15. GENERATOR

Fig. 15 GENERATOR



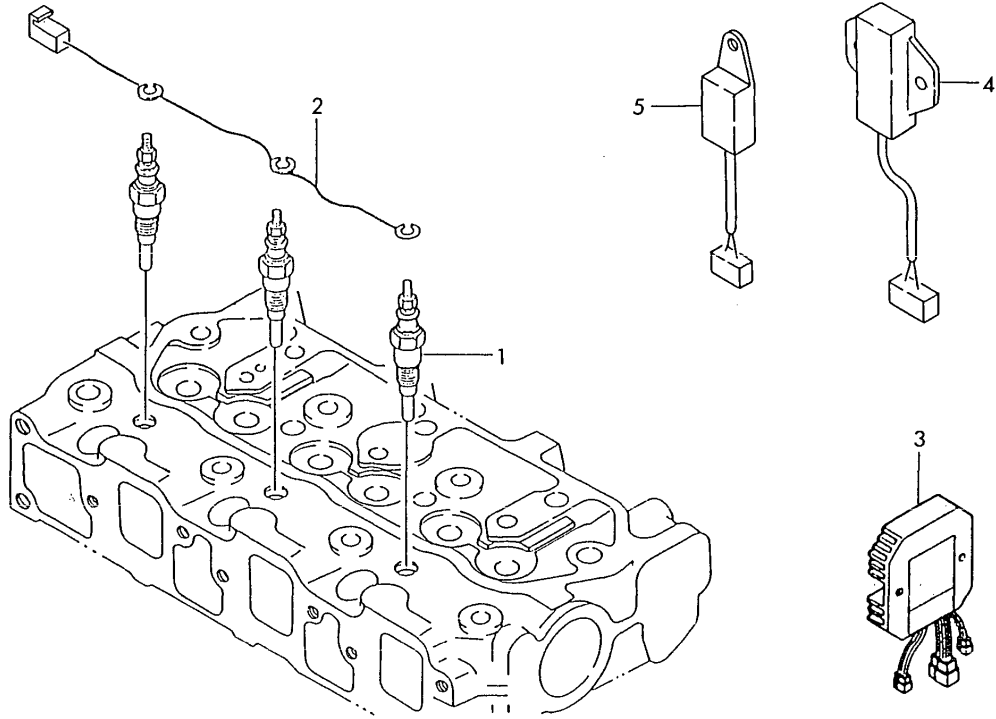
(A)=3TN66-UHK
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119259-77200	GENERATOR, 12V-60A	1							
2	2	XM219230000	SPRING WASHER	1							
3	2	XM329830000	COLLAR	1							
4	2	XM860250000	WASHER 10	1							
5	2	XM863720000	NUT	1							
6	2	119259-77210	PLATE ASSY	1							
7	3	XM069000000	CLAMP	1							
8	3	XYSPS400800	SCREW	1							
9	3	119259-77220	PLATE	1							
10	3	119000-77230	COUPLER	3							
11	3	119259-77240	STATOR ASSY	1							
12	3	119259-77250	SCREW	2							
13	3	24107-062010	BEARING, 6201ZZC3	2							
14	2	119259-77230	FLYWHEEL ASSY	1							
15	1	119259-77340	SUPPORT	1							
16	1	26106-100302	BOLT, M10X 30 PLATED	1							
17	1	26106-100402	BOLT, M10X 40 PLATED	1							
18	1	119259-77330	ADJUSTER	1							
19	1	26106-080202	BOLT, M8X 20 PLATED	2							

Fig.16. ELECTRIC PART

Fig. 16 ELECTRIC PART



(A)=3TN66-UHK
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129155-77801	PLUG, GLOW	3							
2	1	119645-77820	CONNECTOR, GLOW PLUG	1							
3	1	119000-77711	LIMITER, 12-35	1							
4	1	129155-77810	REGISTER	1							
5	1	129155-77920	TIMER	1							

Fig.17. GASKET SET & TOOL(OPTIONAL)

(A)=3TN66-UHK

(B)=

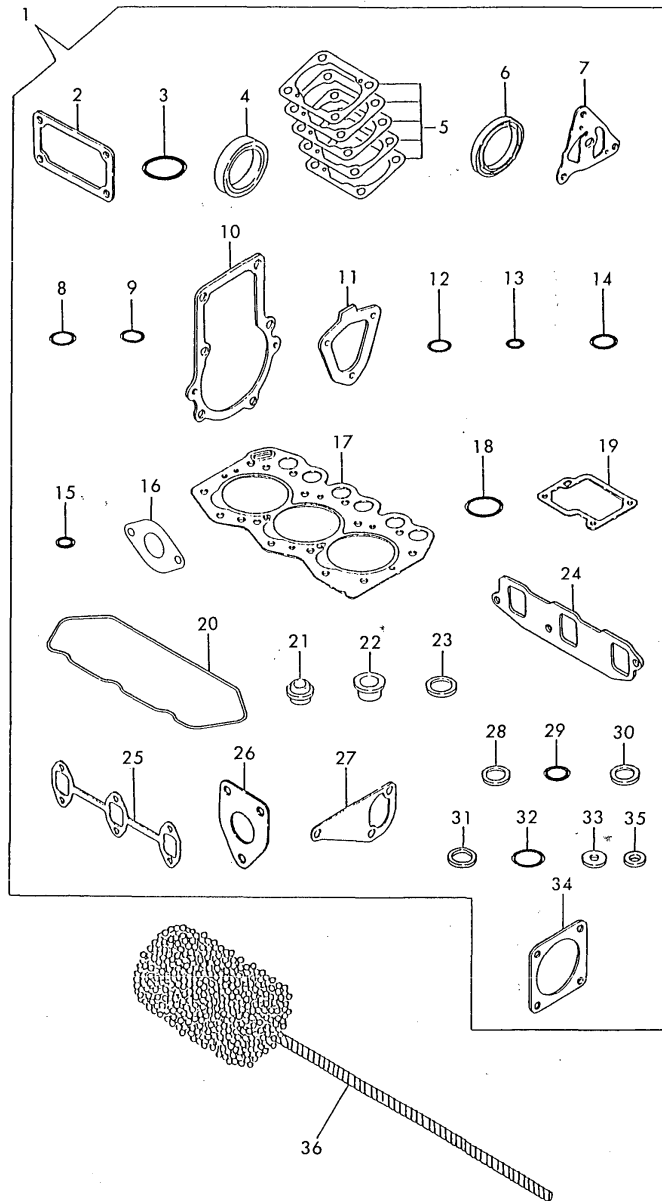
(C)=

(D)=

(E)=

(F)=

Fig. 17 GASKET SET & TOOL (OPTIONAL)

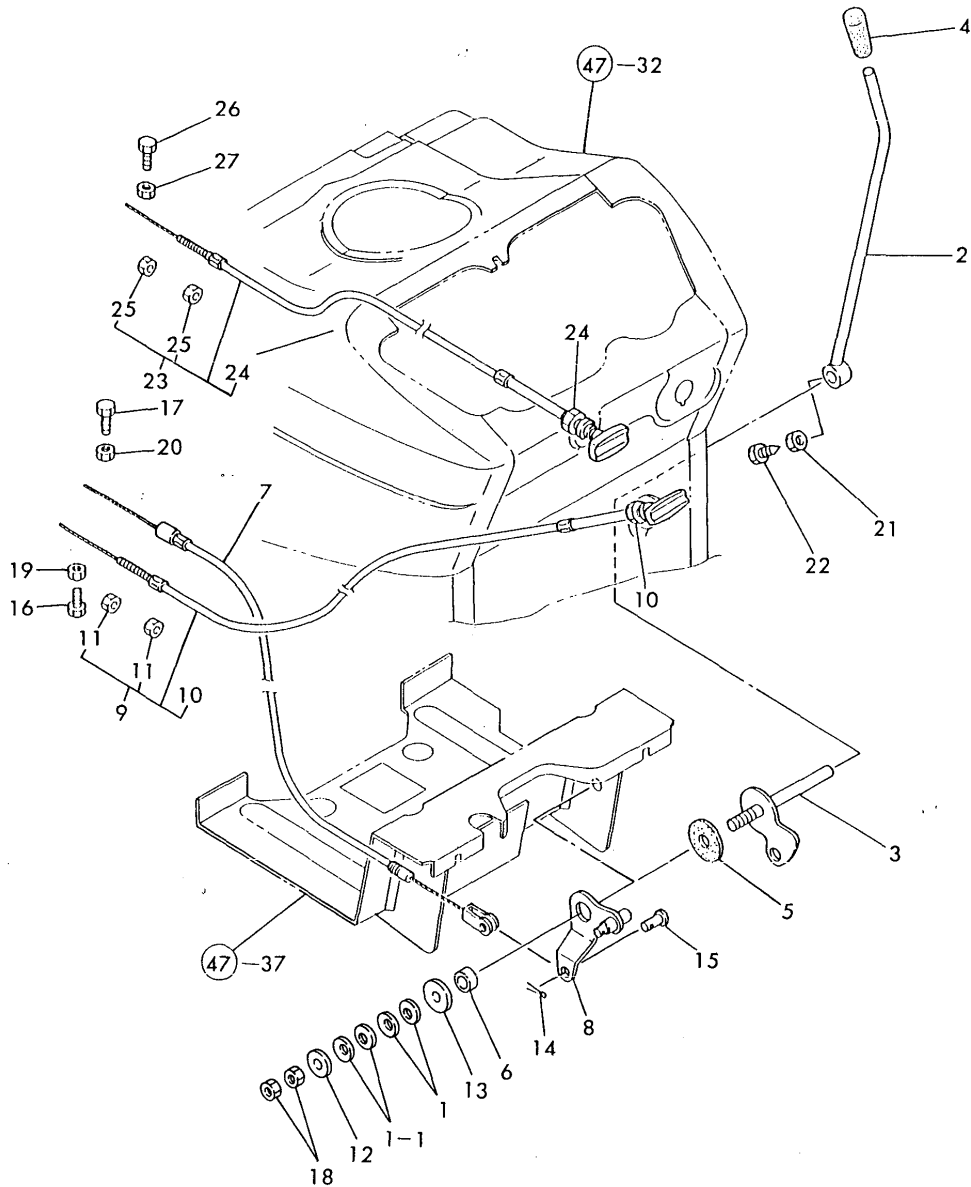


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	719259-92610	GASKET SET	1							1
2	2	119660-01562	GASKET	1							
3	2	24311-000320	O-RING, 1AP32.0	1							
4	2	119620-01800	SEAL, OIL	1							
5	2	119620-01950	SHIM SET, ADJUSTING	1							
6	2	124085-02220	SEAL, OIL	1							
7	2	119660-32020	GASKET, PUMP	1							
8	2	129155-51280	O-RING, S6	1							
9	2	24341-000070	O-RING, 1AS7.0	1							
10	2	119660-61052	GASKET	1							
11	2	119660-61071	GASKET	1							
12	2	24311-000120	O-RING, 1AP12.0	4							
13	2	24311-240100	O-RING, 1AP10A	1							
14	2	24341-000240	O-RING, 1AS24.0	1							
15	2	24311-000070	O-RING, 1AP7.0	3							
16	2	129107-13550	GASKET	1							
17	2	119225-01340	GASKET, HEAD	1							
18	2	24311-000320	O-RING, 1AP32.0	1							
19	2	119260-03031	GASKET	1							
20	2	119260-11310	GASKET, BONNET	1							
21	2	119260-11340	SEAL, VALVE STEM	6							
22	2	119600-11450	PROTECTOR, NOZZLE	3							
23	2	119600-11460	GASKET, NOZZLE	6							
24	2	119270-12110	GASKET, MANIFOLD	1							
25	2	119260-13110	GASKET	1							
26	2	119260-13202	GASKET, SILENCER	1							
27	2	119225-42020	GASKET, WATER PUMP	1							
28	2	104200-59170	GASKET, 12	2							
29	2	129155-61830	O-RING, S10	3							
30	2	23414-140000	GASKET, 14X1.0	3							
31	2	124465-44950	GASKET, 16	2							
32	2	24321-000350	O-RING, 1AG35.0	1							
33	2	121520-01851	GASKET	1							
34	2	124240-01883	GASKET	1							
35	2	23414-080012	GASKET, 8X1.0	6							
36	1	129400-92400	FLEX HORN	1							1

Remarks
(1) OPTIONAL PART.

Fig.18. THROTTLE

Fig. 18 THROTTLE



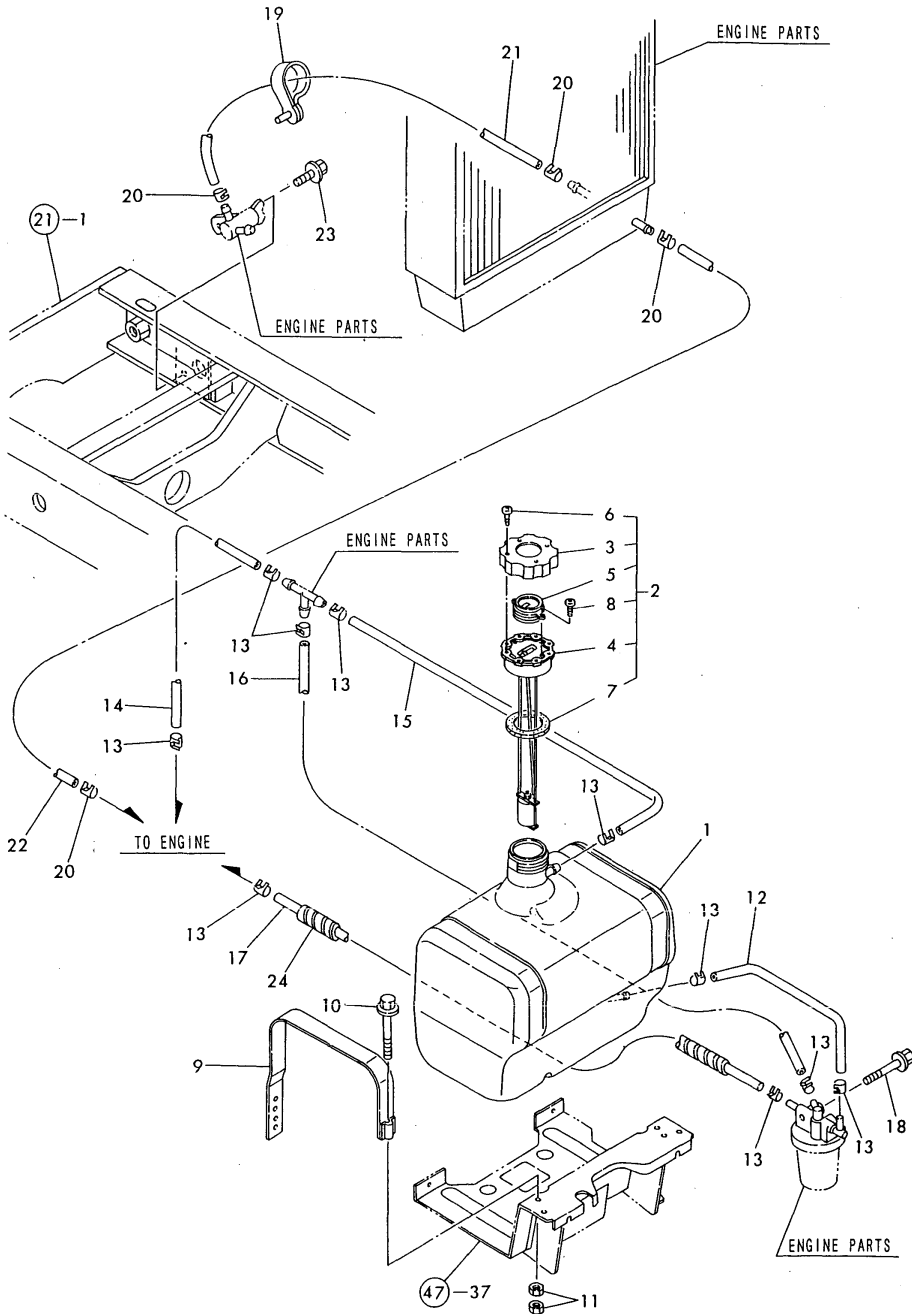
(A)=YM143-HK
(B)=YM143D-HK
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	194740-00160	SPRING, 10	2	2						
1-1	1	194740-00160	SPRING, 10	4	4						K
				(A=FROM 1ST)		(B=FROM 1ST)					
2	1	194305-01100-U	LEVER ASSY	1	1						
3	1	194305-01150	ARM ASSY	1	1						
4	1	194464-01190	KNOB, LEVER	1	1						
5	1	198220-01261	PLATE, FRICTION	1	1						
6	1	194150-01270	SPACER, 20	1	1						
7	1	194880-01300	WIRE ASSY, THROTTLE	1	1						
8	1	194420-01351	LEVER, LINK	1	1						
9	1	194802-01600	CABLE ASSY, STOP	1	1						
10	2	194180-01530	NUT, M11	1	1						
11	2	26716-060002	NUT, M6	2	2						
12	1	22137-100000	WASHER, 10	1	1						
13	1	22157-100000	WASHER, 10	1	1						
14	1	22417-160180	PIN, COTTER 1.6X18	1	1						
15	1	22487-060120	PIN, H 6X 12	1	1						
16	1	26116-040102	BOLT M 4X 10 PLATED	1	1						
17	1	26116-050142	BOLT, M5X 14 PLATED	1	1						
18	1	26716-100002	NUT, M10	2	2						
19	1	26756-040002	NUT, LOCK M4	1	1						
20	1	26756-050002	NUT, LOCK M5	1	1						
21	1	26756-080002	NUT, LOCK M8	1	1						
22	1	26956-080182	BOLT, M8X 18	1	1						
23	1	194802-01550	CABLE ASSY	1	1						
24	2	194180-01530	NUT, M11	1	1						
25	2	26756-060002	NUT, LOCK M6	2	2						
26	1	26116-050142	BOLT, M5X 14 PLATED	1	1						
27	1	26756-050002	NUT, LOCK M5	1	1						

Fig.19. FUEL TANK

Fig. 19 FUEL TANK



(A)=YM143-HK
(B)=YM143D-HK
(C)=

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

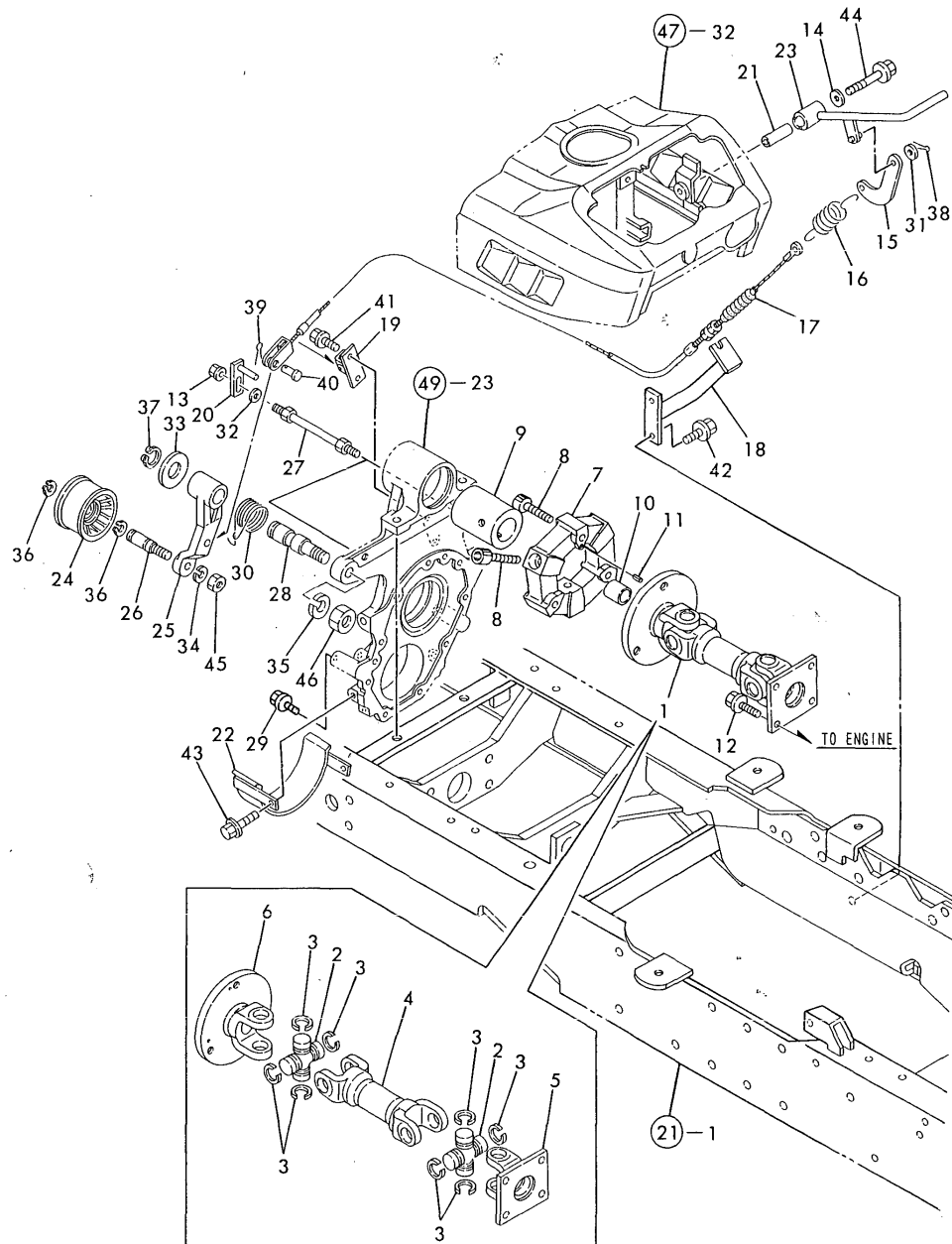
No.	Lev.	Parts No.	Description	Qty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	194446-04112	TANK (17L), FUEL	1	1						
2	1	194145-04302	CAP ASSY, TANK	1	1						
3	2	194145-04311	CAP, FUEL TANK	1	1						
4	2	194145-04322	CAP, FUEL TANK	1	1						
5	2	194145-04351	LENS	1	1						
6	2	194145-04460	SCREW, TAPPING M4X12	4	4						
7	2	194145-04521	GASKET	1	1						
8	2	26557-030062	SCREW, M3X 6	2	2						
9	1	194310-04250-U	BAND, TANK	2	2						
10	1	26116-080502	BOLT, M8X 50 PLATED	2	2						
10-1	1	26106-080502	BOLT, M8X 50 PLATED	2	2						N
		(A=FROM 1ST) (B=FROM 1ST)									
11	1	26716-080002	NUT, M8	4	4						
12	1	194880-04720	PIPE, FUEL TANK	1	1						
13	1	124766-59050	CLIP, HOSE 12	10	10						
14	1	23980-730350	HOSE, 7.3X 350	1	1						
14-1	1	23980-730370	HOSE, 7.3X 370	1	1						R
		(A=T/# 10008) (B=T/# 10005)									
15	1	23980-730350	HOSE, 7.3X 350	1	1						
15-1	1	23980-730370	HOSE, 7.3X 370	1	1						R
		(A=T/# 10008) (B=T/# 10005)									
16	1	23980-730500	HOSE, 7.3X 500	1	1						
17	1	23980-730540	HOSE, 7.3X 540	1	1						
18	1	26106-080652	BOLT, M8X 65 PLATED	1	1						
19	1	194250-51650	CLAMP, SPEED 63	1	1						
20	1	124766-59050	CLIP, HOSE 12	4	4						
21	1	23980-730240	HOSE, 7.3X 240	1	1						
21-1	1	23980-730300	HOSE, 7.3X 300	1	1						N
		(A=FROM 1ST) (B=FROM 1ST)									
22	1	23980-730450	HOSE, 7.3X 450	1	1						
22-1	1	23980-730500	HOSE, 7.3X 500	1	1						R
		(A=T/# 10008) (B=T/# 10005)									
23	1	26106-080162	BOLT, M8X 16 PLATED	1	1						
24	1	194880-04740	TUBE, GUARD	1	1						

Fig.20. FRONT PTO DRIVE & CONTROL

(A)=YM143-HK
(B)=YM143D-HK
(C)=

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

Fig. 20 FRONT PTO DRIVE & CONTROL



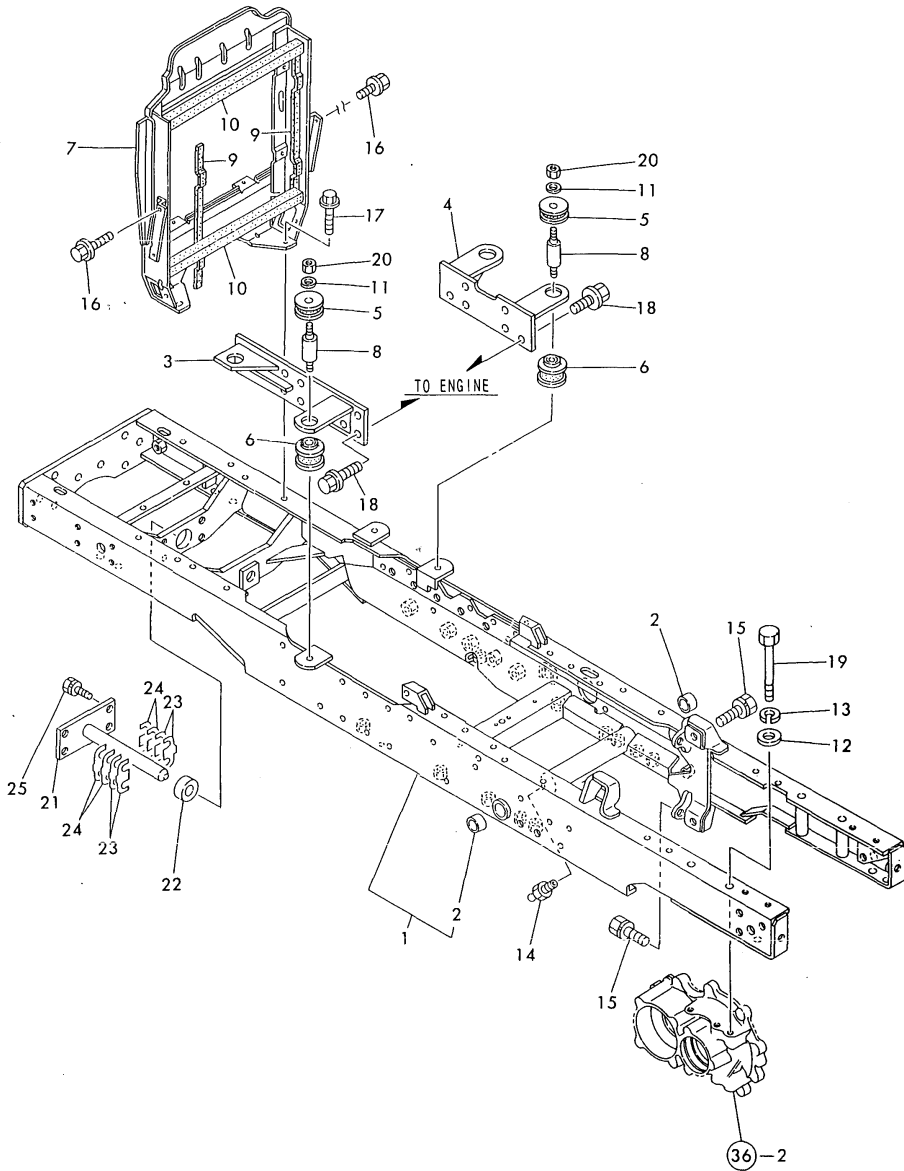
No.	Lev.	Parts No.	Description	Qty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	194860-83100-X	JOINT ASSY, CROSS	1	1						
2	2	194802-22260	JOURNAL KIT	2	2						
3	2	194802-22270	RING, SNAP	8	8						
4	2	194860-83110	YOKE, FLANGE	1	1						
5	2	194115-83120	YOKE, FLANGE	1	1						
6	2	194860-83140	YOKE, FLANGE A	1	1						
7	1	194357-83160	COUPLING, CF-4	1	1						
8	1	194357-83170	BOLT, M8X30	6	6						
9	1	194860-83220-X	FLANGE, CENTER FLEX	1	1						
10	1	194115-83240	BUSH, 16X22X24	1	1						
11	1	22351-040008	PIN, SPRING 4.0X 8	3	3						
12	1	26106-080162	BOLT, M8X 16 PLATED	4	4						
13	1	194990-22140	NUT, M8	2	2						
14	1	194145-61570	WASHER, 10	1	1						
15	1	1E6150-63190	LINK, CLUTCH	1	1						
16	1	1E6460-65850	SPRING, 22.5X105	1	1						
17	1	194880-83360	WIRE, CLUTCH	1	1						
18	1	194115-83390	STAY, CLUTCH WIRE	1	1						
19	1	194880-83410	HOLDER, WIRE	1	1						
20	1	194405-83431	GUIDE, BELT	2	2						
21	1	194115-83451	COLLAR, 10.5X16X55.5	1	1						
22	1	194405-83461	GUIDE, BELT LOWER	1	1						
23	1	194880-83470	LEVER, PTO	1	1						
24	1	194115-83510	PULLEY, TENSION 70	1	1						
25	1	194880-83520-X	ARM, PULLEY	1	1						
26	1	194880-83530	SHAFT,TENSION PULLEY	1	1						
27	1	194880-83550	BOLT	2	2						
28	1	194880-83590	SHAFT, TENSION ARM	1	1						
29	1	194405-83660	BOLT, M8X14	2	2						
30	1	194880-83680	SPRING, RETURN	1	1						
31	1	22137-080000	WASHER, 8	1	1						
32	1	22137-080000	WASHER, 8	2	2						
33	1	22137-200000	WASHER, 20	1	1						
34	1	22217-100000	WASHER, SPRING 10	1	1						
35	1	22217-140000	WASHER, SPRING 14	1	1						
36	1	22242-000150	RING, 15	2	2						
37	1	22242-000200	RING, 20	1	1						
38	1	22417-160180	PIN, COTTER 1.6X18	1	1						
39	1	22417-200300	PIN, COTTER 2.0X30	1	1						
40	1	22487-080160	PIN, H 8X 16	1	1						
41	1	26106-060122	BOLT, M6X 12 PLATED	2	2						
42	1	26106-080162	BOLT, M8X 16 PLATED	2	2						
43	1	26106-080162	BOLT, M8X 16 PLATED	2	2						
44	1	26106-100702	BOLT, M10X 70 PLATED	1	1						
45	1	26716-100002	NUT, M10	1	1						
46	1	26716-140002	NUT, M14	1	1						

Fig.21. FRAME & CENTER PIN

(A)=YM143-HK
(B)=YM143D-HK
(C)=

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

Fig. 21 FRAME & CENTER PIN



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	194860-11000-X	FRAME ASSY	1	1						
2	2	194740-06080	BUSH, 25X30X18	2	2						
3	1	194860-11010-X	BRACKET, ENGINE L	1	1						
4	1	194860-11020-X	BRACKET, ENGINE R	1	1						
5	1	194115-11230	CUSHION,RUBBER(UPPER	4	4						
6	1	194115-11240	CUSHION, RUBBER	4	4						
7	1	194880-11310-X	BRACKET, RADIATOR	1	1						
8	1	194697-11550	STUD, M12	4	4						
9	1	194197-61930	SEAL, BONNET E	2	2						
10	1	194370-61990	SUPPORT, URETHANE	2	2						
11	1	194130-62180	WASHER	4	4						
12	1	22137-120000	WASHER, 12	4	4						
13	1	22217-120000	WASHER, SPRING 12	4	4						
14	1	24761-010000	NIPPLE, GREASE M6F	1	1						
15	1	26013-120302	BOLT, M12X 30	8	8						
16	1	26106-080122	BOLT, M8X 12 PLATED	4	4						
17	1	26106-080162	BOLT, M8X 16 PLATED	2	2						
18	1	26106-100202	BOLT, M10X 20 PLATED	13	13						
19	1	26116-121152	BOLT, M12X115 PLATED	4	4						
20	1	26736-120002	NUT, M12	4	4						
21	1	194115-13210	PIN ASSY, CENTER	1	1						
22	1	194191-13220	SPACER, 22X42X14	1	1						
23	1	194191-13232	SHIM (T=0.5)	4	4						1
24	1	194191-13240	SHIM, T=0.25	4	4						1
25	1	26013-120252	BOLT, M12X 25	4	4						

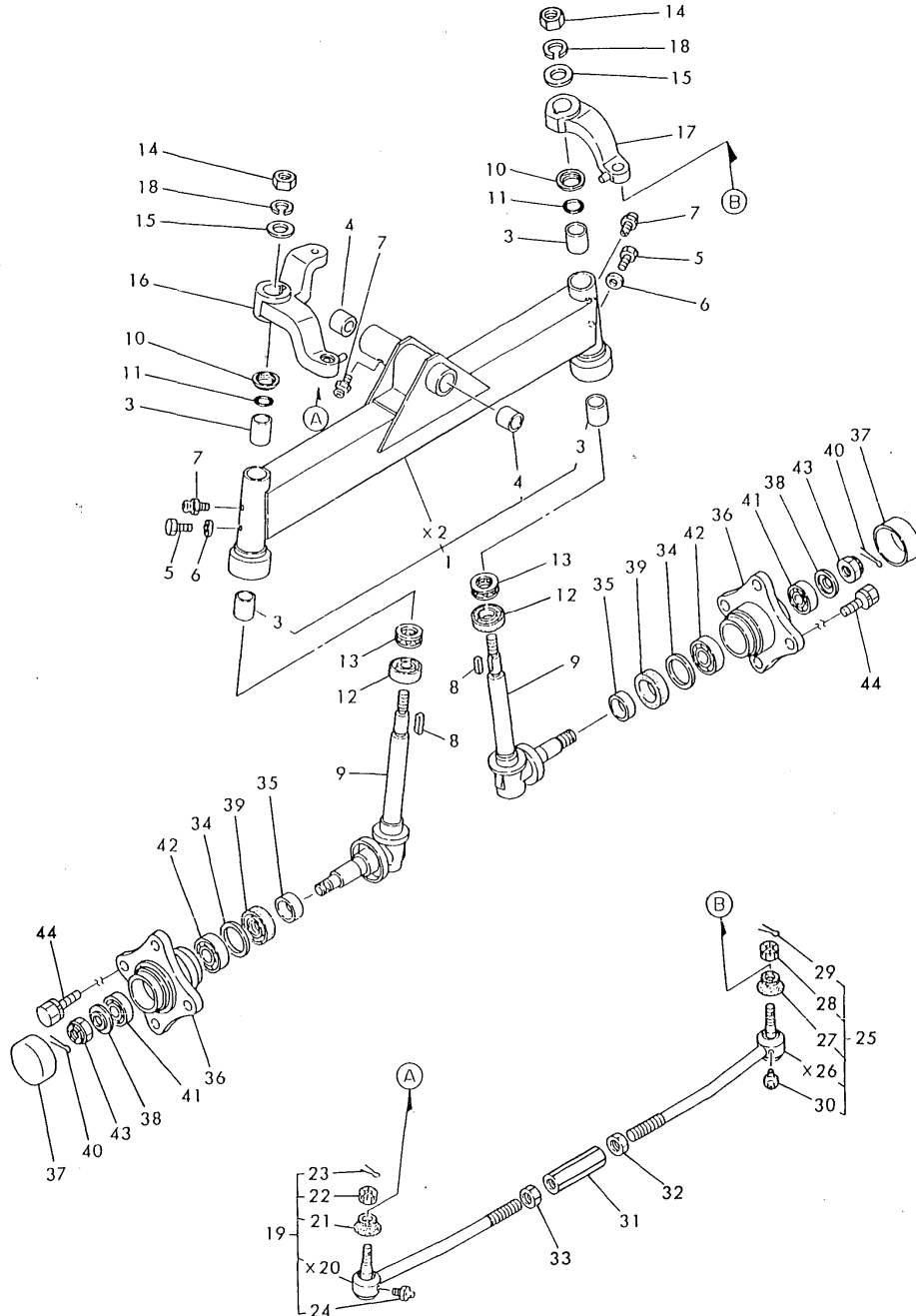
Remarks
(1) USE THE PROPER PART BY CAREFULLY CHOOSING.

Fig.22. FRONT AXLE(FOR YM143-HK)

(A)=YM143-HK
(B)=YM143D-HK
(C)=

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

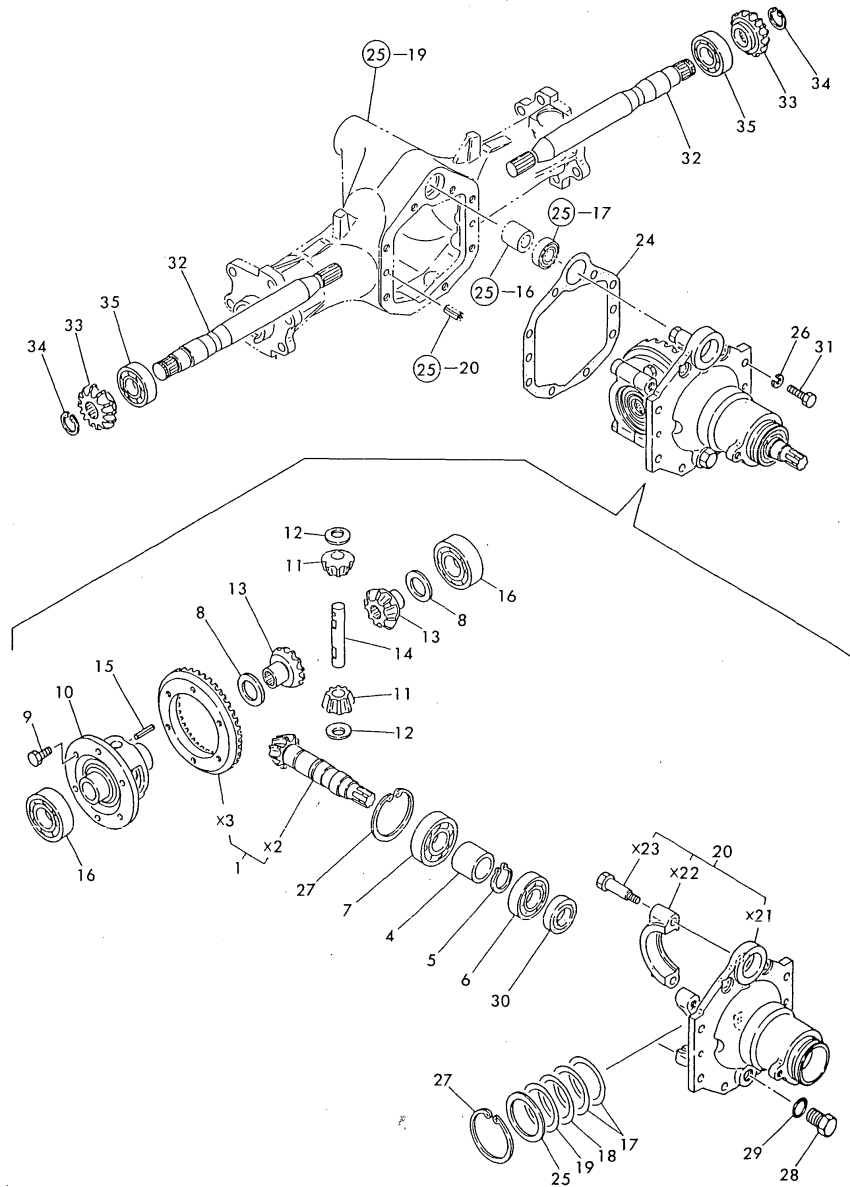
Fig. 22 FRONT AXLE (FOR YM143-HK)



No.	Lev.	Parts No.	Description	Qty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	194305-11200-X	AXLE ASSY, FRONT	1							
3	2	194440-11360	BUSH, 25X29X30	4							
4	2	194420-11520	BUSH, 22X25X25	2							
5	1	194145-11350	BOLT, M6X5	2							
6	1	22117-060000	WASHER, 6	2							
7	1	24761-060000	NIPPLE, GREASE MT6X1	3							
8	1	194151-11660	KEY 7X26	2							
9	1	194880-11800-X	PIN ASSY, KING	2							
10	1	194151-11840	COVER, KING PIN	2							
11	1	194151-11860	O-RING, 1A-2025	2							
12	1	194440-11870	SEAL, OIL TCX6354810	2							
13	1	24520-511050	BEARING,THRUST 51105	2							
14	1	194151-11640	NUT 18	2							
15	1	194151-11650	WASHER, 18X36X2.3	2							
16	1	194880-12110-X	ARM, KNUCKLE L	1							
17	1	194440-12211-X	ARM, KNUCKLE R	1							
18	1	22217-180000	WASHER, SPRING 18	2							
19	1	194306-12312	TIE-ROD ASSY, L	1							
21	2	194730-57220	COVER, DUCT	1							
22	2	194730-57241	NUT M12	1							
23	2	22417-300250	PIN, COTTER 3.0X25	1							
24	2	24761-060000	NIPPLE, GREASE MT6X1	1							
25	1	194306-12352	TIE-ROD ASSY, R	1							
27	2	194730-57220	COVER, DUCT	1							
28	2	194730-57241	NUT M12	1							
29	2	22417-300250	PIN, COTTER 3.0X25	1							
30	2	24761-060000	NIPPLE, GREASE MT6X1	1							
31	1	194150-12410-U	TURNBUCKLE, M17X95	1							
32	1	194990-22830	NUT M17	1							
33	1	194990-22840	NUT M17	1							
34	1	194151-11670	WASHER, 42X51.8X1	2							
35	1	194420-11880	SLEEVE, SI 35X39X15	2							
36	1	194151-12610-X	HUB, FRONT WHEEL	2							
37	1	194151-12620-X	COVER, HUB	2							
38	1	194420-12640	WASHER, 20X44X3.2	2							
39	1	194420-12720	SEAL, TC6Y395211.5	2							
40	1	22417-400400	PIN, COTTER 4.0X40	2							
41	1	24101-062044	BEARING, BALL 6204	2							
42	1	24101-062054	BEARING, BALL 6205	2							
43	1	26877-200002	NUT, CASTLE M20	2							
44	1	194278-12650	BOLT, M14X25	8							

Fig.23. RING GEAR OF FRONT AXLE

Fig. 23 RING GEAR OF FRONT AXLE



(A)=YM143-HK
(B)=YM143D-HK
(C)=

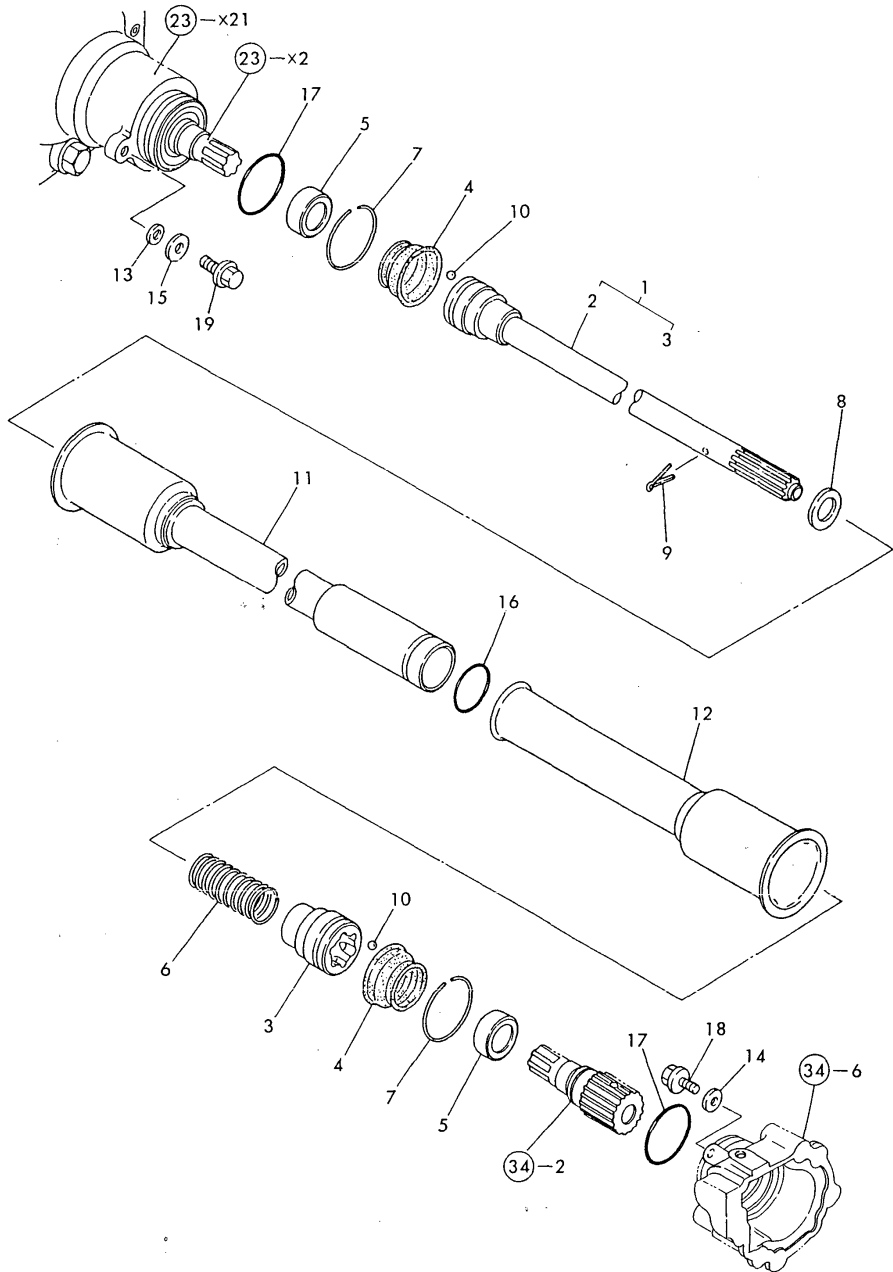
(D)=
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	194306-13100	GEAR ASSY, RING		1						
4	1	194306-13130	COLLAR, 25X34X32		1						
5	1	194306-13140	CIRCLIP, C24-S		1						
6	1	24101-062054	BEARING, BALL 6205		1						
7	1	24101-063054	BEARING, BALL 6305		1						
8	1	194301-11720	WASHER, DIFFERENTIAL		2						
9	1	194301-11800	BOLT, M8X14		6						
10	1	194441-13210	CASE, DIFFERENTIAL		1						
11	1	194441-13220	PINION, DIFFERENTIAL		2						
12	1	194441-13230	LINER, DIFFERENTIAL		2						
13	1	194441-13250	GEAR, DIFFERENTIAL		2						
14	1	194441-13260	SHAFT, DIFFERENTIAL		1						
15	1	22351-040030	PIN, SPRING 4.0X30		1						
16	1	24101-060074	BEARING, BALL 6007		2						
17	1	194301-11890	SHIM, T=0.1		2						1
18	1	194301-11900	SHIM, T=0.3		1						1
19	1	194301-11910	SHIM, T=0.5		1						1
20	1	194306-13400	CARRIER, DIFF.		1						
24	1	194306-13451	GASKET, CARRIER		1						
25	1	194300-32210	COLLAR, 45X62X2		1						
26	1	22217-080000	WASHER, SPRING 8		8						
27	1	22252-000620	RING, 62		2						
28	1	23491-140002	PLUG, 14		1						
29	1	24311-000160	O-RING, 1AP16.0		1						
30	1	24421-254208	SEAL, OIL TC254208		1						
31	1	26116-080252	BOLT, M8X 25 PLATED		8						
32	1	194306-13511	SHAFT, FRONT 1ST		2						
33	1	194406-13520	PINION, SHAFT		2						
34	1	22292-000220	RING, S-22		2						
35	1	24101-062054	BEARING, BALL 6205		2						

Remarks
(1) USE THE PROPER PART BY CAREFULLY CHOOSING.

Fig.24. PROPELLER SHAFT(FOR YM143D-HK)

Fig. 24 PROPELLER SHAFT (FOR YM143D-HK)



(A)=YM143-HK
(B)=YM143D-HK
(C)=

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

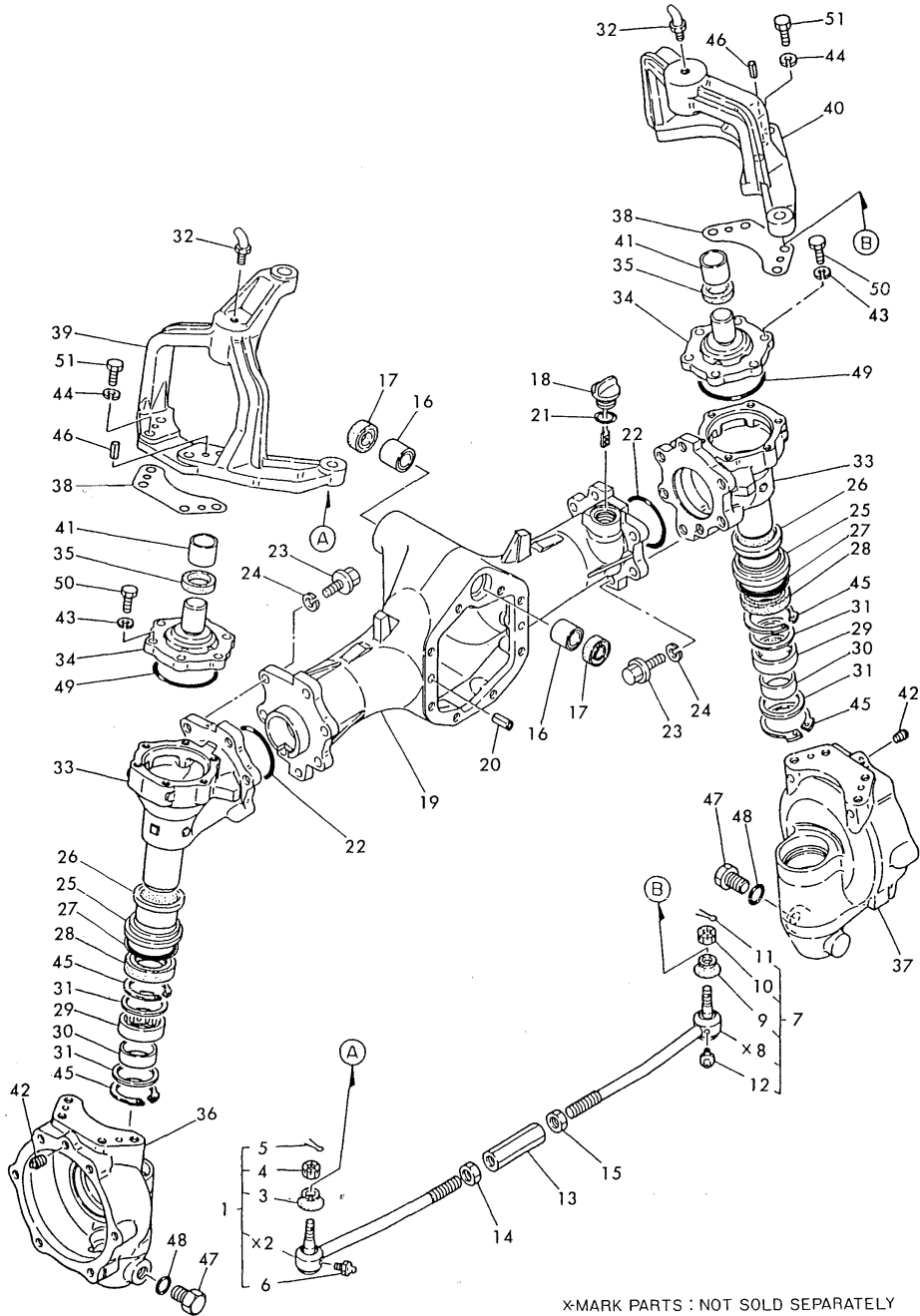
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	794861-13300	SHAFT ASSY		1						
2	2	194861-13300	SHAFT ASSY,PROPELLER		1						
3	2	194306-13330-X	COUPLING, B		1						
4	1	194306-13340	BOOT, RUBBER		2						
5	1	194306-13350	COLLAR, 20X30X14		2						
6	1	194306-13360	SPRING, TENSION		1						
7	1	194150-51620	CLAMP, HARNESS		2						
8	1	22127-160000	WASHER, 16		1						
9	1	22417-400400	PIN, COTTER 4.0X40		1						
10	1	24190-100001	BALL, STEEL 5/16		12						
11	1	194116-14610	COVER, SHAFT		1						
12	1	194306-14641-X	COVER ASSY, SHAFT		1						
13	1	22117-080000	WASHER, 8		1						
14	1	22157-060000	WASHER, 6		2						
15	1	22157-080000	WASHER, 8		1						
16	1	24311-000300	O-RING, 1AP30.0		1						
17	1	24341-000480	O-RING, 1AS48.0		2						
18	1	26106-060122	BOLT, M6X 12 PLATED		2						
19	1	26106-080162	BOLT, M8X 16 PLATED		1						

Fig.25. FRONT AXLE(FOR YM143D-HK)

(A)=YM143-HK
(B)=YM143D-HK
(C)=

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

Fig. 25 FRONT AXLE (FOR YM143D-HK)

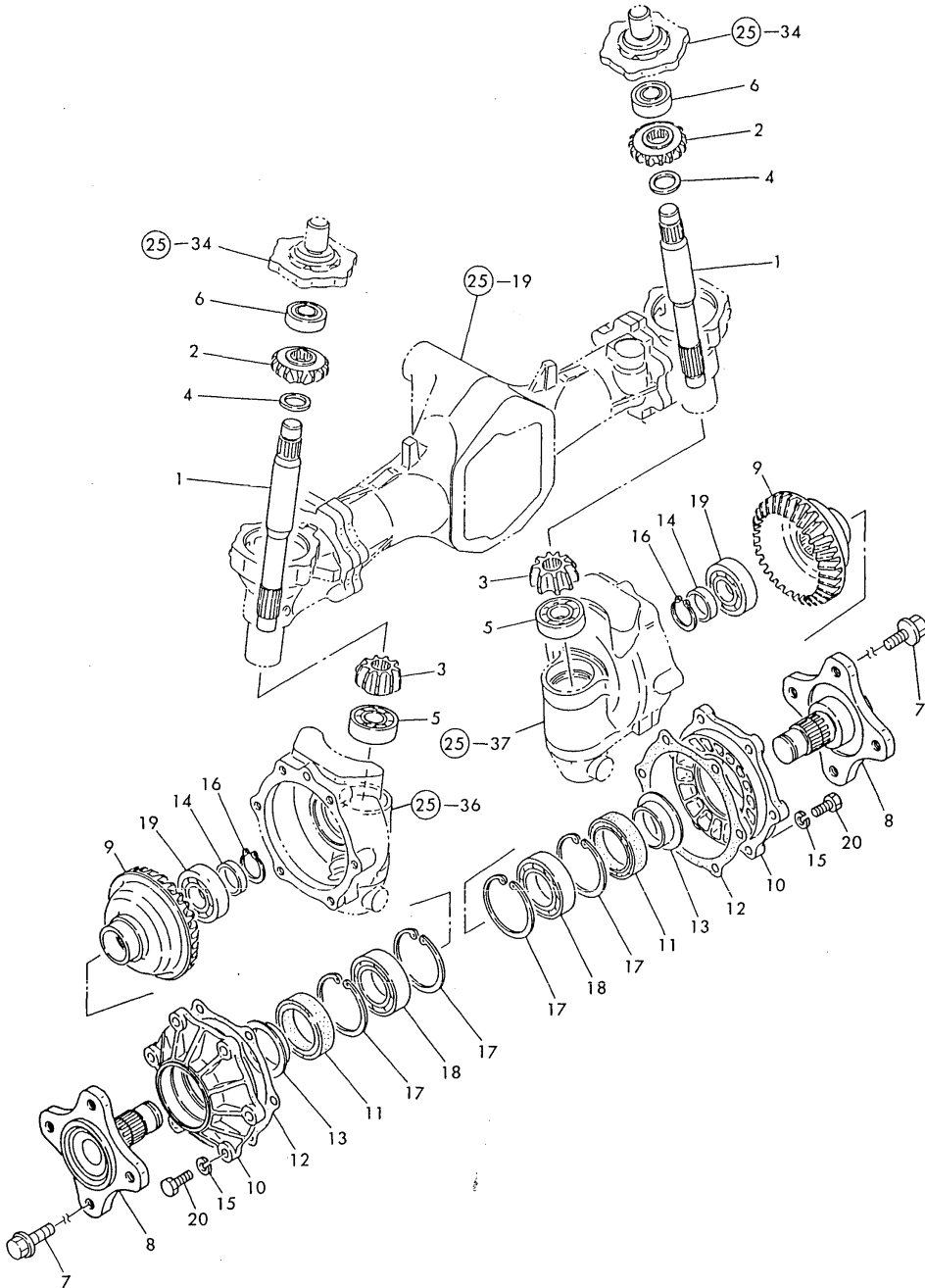


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	194306-12312	TIE-ROD ASSY, L		1						
3	2	194730-57220	COVER, DUCT		1						
4	2	194730-57241	NUT M12		1						
5	2	22417-300250	PIN, COTTER 3.0X25		1						
6	2	24761-060000	NIPPLE, GREASE MT6X1		1						
7	1	194306-12352	TIE-ROD ASSY, R		1						
9	2	194730-57220	COVER, DUCT		1						
10	2	194730-57241	NUT M12		1						
11	2	22417-300250	PIN, COTTER 3.0X25		1						
12	2	24761-060000	NIPPLE, GREASE MT6X1		1						
13	1	194150-12410	TURNBUCKLE M17X95		1						
14	1	194990-22830	NUT M17		1						
15	1	194990-22840	NUT M17		1						
16	1	194190-11520	BUSH, 22X25X25		2						
17	1	194191-13420	SEAL, OIL KC22327		2						
18	1	194447-13490	GAUGE, OIL LEVEL		1						
19	1	194306-13601	CASE, FRONT AXLE L		1						
20	1	22351-080016	PIN, SPRING 8.0X16		2						
21	1	24311-000180	O-RING, 1AP18.0		1						
22	1	24321-000500	O-RING, 1AG50.0		2						
23	1	194491-13550	BOLT, M10X30		14						
24	1	194274-13570	WASHER, SPRING 10		14						
25	1	194306-13630	COLLAR, 48X57X10		2						
26	1	194306-13640	SLEEVE, SI 40X44X26		2						
27	1	194306-13650	O-RING, 1AP45.0A		2						
28	1	194447-13650	SEAL, TC6Y445711.5		2						
29	1	194447-13660	BEARING, T455216		2						
30	1	194447-13670	RING, INNER 40X45X17		2						
31	1	194447-13680	WASHER, 42X52X1.6		4						
32	1	194850-13690	NIPPLE, GRESAE M6F45		2						
33	1	194306-13711	CASE, FRONT GEAR		2						
34	1	194306-13721	COVER, GEAR CASE		2						
35	1	194447-13730	SEAL, OIL VB25355		2						
36	1	194306-13740	BOX (L), FRONT GEAR		1						
37	1	194306-13750	BOX (R), FRONT GEAR		1						
38	1	194306-13760	SHIM, T=0.3		2						
39	1	194306-13811	SUPPORT, KING PIN L		1						
40	1	194306-13821	SUPPORT, KING PIN R		1						
41	1	194306-13830	BUSH, 25X28X25		2						
42	1	194151-36670	PLUG, PF02		2						
43	1	22217-080000	WASHER, SPRING 8		12						
44	1	22217-100000	WASHER, SPRING 10		8						
45	1	22262-000520	RING, R-52		4						
46	1	22351-080020	PIN, SPRING 8.0X20		4						
47	1	23491-140002	PLUG, 14		2						
48	1	24311-000160	O-RING, 1AP16.0		2						
49	1	24321-000650	O-RING, 1AG65.0		2						
50	1	26116-080252	BOLT, M8X 25 PLATED		12						
51	1	26116-100302	BOLT, M10X 30 PLATED		8						

*MARK PARTS : NOT SOLD SEPARATELY

Fig.26. FRONT SHAFT & FRONT SPINDLE

Fig. 26 FRONT SHAFT & FRONT SPINDLE



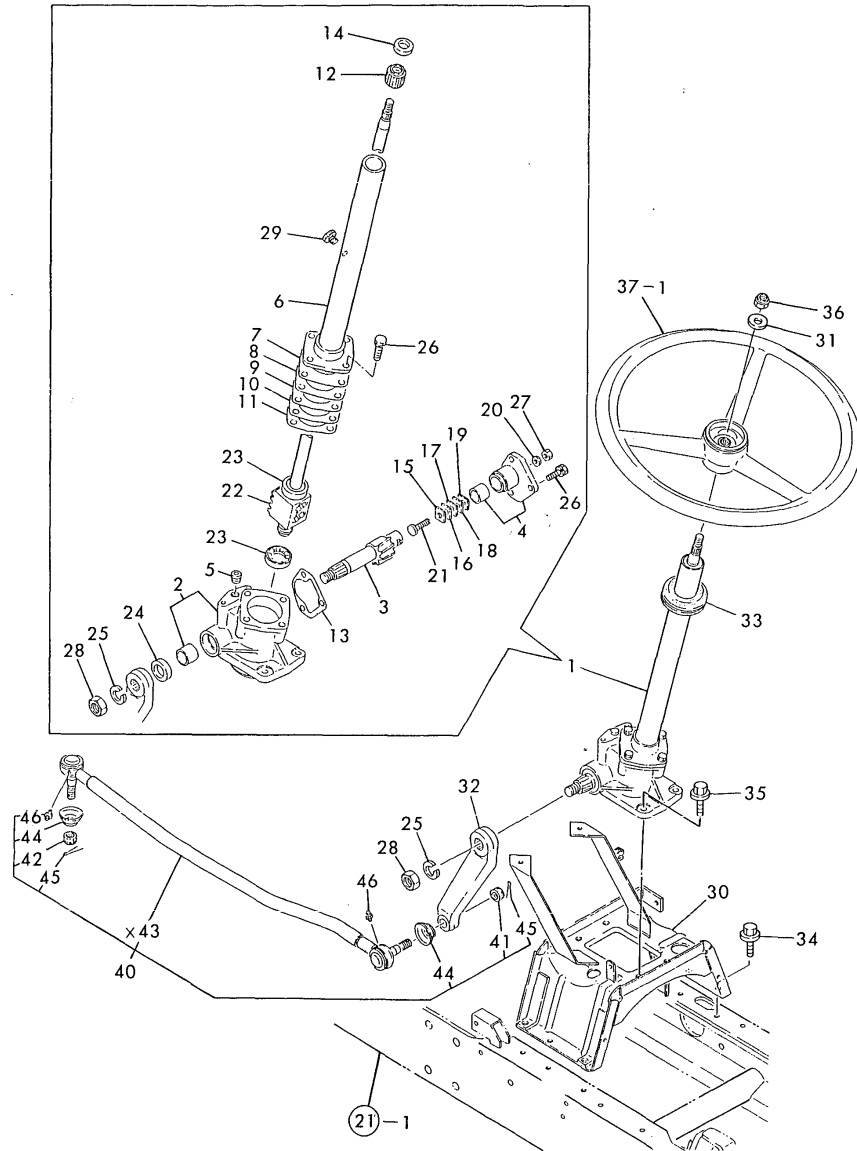
(A)=YM143-HK
(B)=YM143D-HK
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	194306-13850	SHAFT, FRONT 2ND		2						
2	1	194406-13940	GEAR, FRONT AXLE		2						
3	1	194306-13950	PINION, FINAL		2						
4	1	194320-25340	COLLAR, 25X35X3		2						
5	1	24101-063044	BEARING, BALL 6304		2						
6	1	24104-063044	BEARING, BALL 6304UU		2						
7	1	194881-12650	BOLT, M14X24		8						
8	1	194697-14110	SPINDLE, FRONT		2						
9	1	194306-14120	GEAR, FRONT SHAFT		2						
10	1	194306-14130	CASE, FRONT BEARING		2						
11	1	194697-14140	SEAL, OIL TC6Y577512		2						
12	1	194306-14151	GASKET, BEARING CASE		2						
13	1	194697-14180	SLEEVE, SLY525720		2						
14	1	194305-25830	WASHER, 30X42X4.5		2						
15	1	22217-100000	WASHER, SPRING 10		12						
16	1	22242-000290	RING, 29		2						
17	1	22252-000750	RING, 75		4						
18	1	24101-060094	BEARING, BALL 6009		2						
19	1	24101-062064	BEARING, BALL 6206		2						
20	1	26116-100302	BOLT, M10X 30 PLATED		12						

Fig.27. STEERING

Fig. 27 STEERING



(A)=YM143-HK
(B)=YM143D-HK
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	194115-15100	GEAR ASSY, STEERING	1	1						
2	2	194115-15110	BOX, GEAR	1	1						
3	2	194115-15140	SHAFT, SECTOR	1	1						
4	2	194515-15150	COVER ASSY, SIDE	1	1						
5	2	194262-15170-X	PLUG, PT1/8	1	1						
6	2	194115-15250	COLUMN, STEERING	1	1						
7	2	194750-15250	SHIM, T=0.5	1	1						1
8	2	194750-15260	SHIM, T=0.7	1	1						1
9	2	194750-15270	SHIM, T=0.08	1	1						1
10	2	194750-15280	SHIM, T=0.1	1	1						1
11	2	194750-15290	SHIM, T=0.2	1	1						1
12	2	194241-15310	BUSH, COLUMN	1	1						
13	2	194310-15320	GASKET, SIDE COVER	1	1						
14	2	194241-15350	SEAL, OIL TC1939.510	1	1						
15	2	194080-15420	SHIM, T=1.525 A	1	1						1
16	2	194080-15430	SHIM, T=1.555 B	1	1						1
17	2	194080-15440	SHIM, T=1.585 C	1	1						1
18	2	194080-15450	SHIM, T=1.615 D	1	1						1
19	2	194080-15460	SHIM, T=1.645 E	1	1						1
20	2	194464-15450	WASHER, SEAL 10	1	1						
21	2	194130-15470	SCREW, ADJUSTING	1	1						
22	2	194115-15500	NUT, BALL	1	1						
23	2	194750-15520	BEARING, VBT17Z-2A	2	2						
24	2	194740-55620	SEAL, OIL TC263807	1	1						
25	2	22217-200000	WASHER, SPRING 20	1	1						
26	2	26013-080222	BOLT, M8X 22	7	7						
27	2	26776-100002	NUT, LOCK M10	1	1						
28	2	26776-200002	NUT, LOCK M20	1	1						
29	2	194440-15341	PLUG, BREATHER	1	1						
30	1	194880-15200-X	BRACKET ASSY	1	1						
31	1	22137-120000	WASHER, 12	1	1						
32	1	194115-15610	ARM, PITMAN	1	1						
33	1	194145-15651	GROMMET, 42	1	1						
34	1	26106-080202	BOLT, M8X 20 PLATED	6	6						
35	1	26106-100302	BOLT, M10X 30 PLATED	4	4						
36	1	26356-120002	NUT, M12	1	1						
37-1	1	194440-15810	WHEEL, STEERING	1	1						
40	1	194880-16100-X	ROD ASSY, DRAG	1	1						
41	2	194115-16120	CASTLE NUT M12	1	1						
42	2	194115-16130	NUT, CASTLE M12	1	1						
44	2	194730-57220	COVER, DUCT	2	2						
45	2	22417-300250	PIN, COTTER 3.0X25	2	2						
46	2	24761-060000	NIPPLE, GREASE MT6X1	2	2						

Remarks

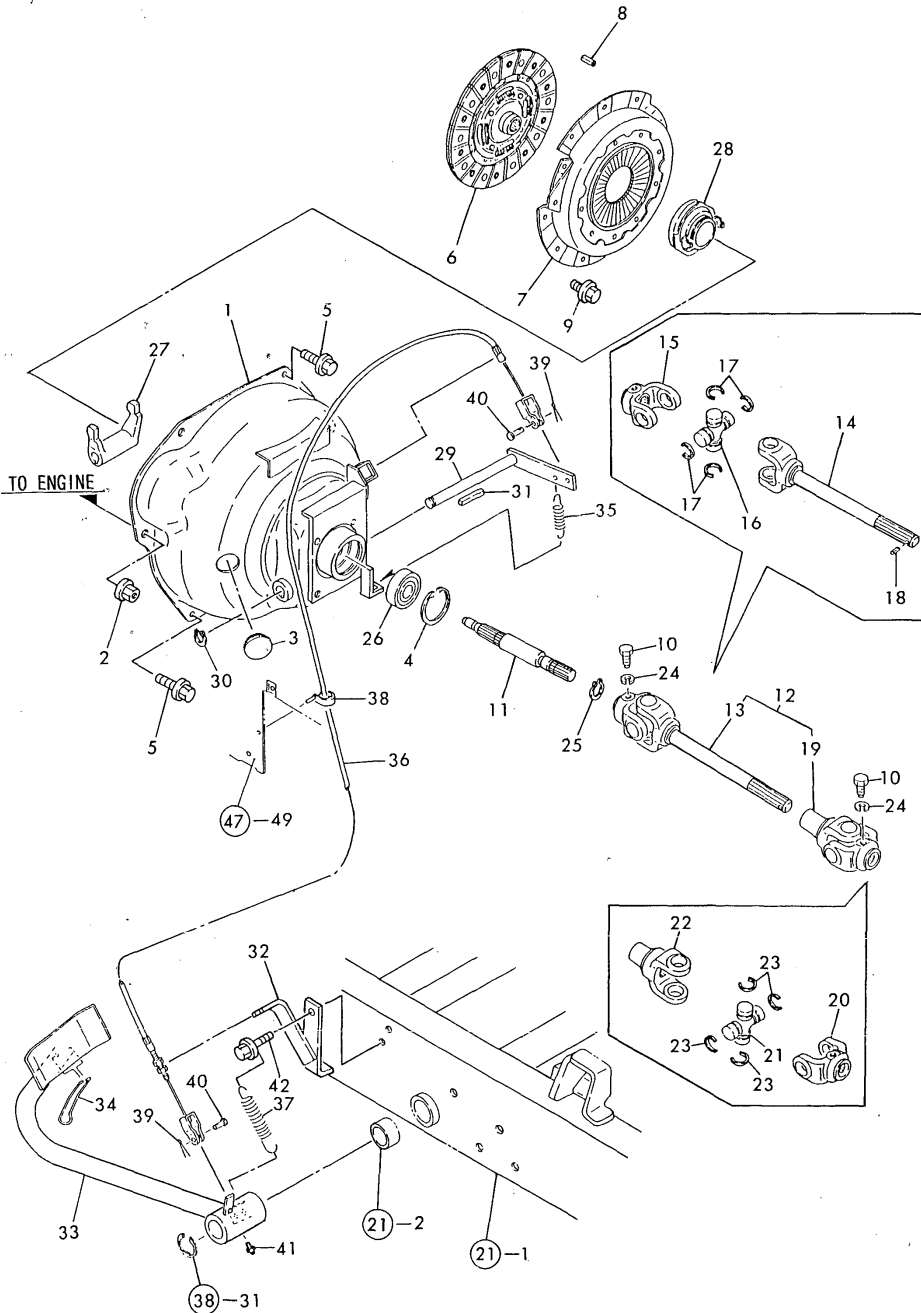
- (1) USE THE PROPER PART BY CAREFULLEY CHOOSING.
- (M) MISPRINT.

Fig.28. CLUTCH

(A)=YM143-HK
(B)=YM143D-HK
(C)=

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

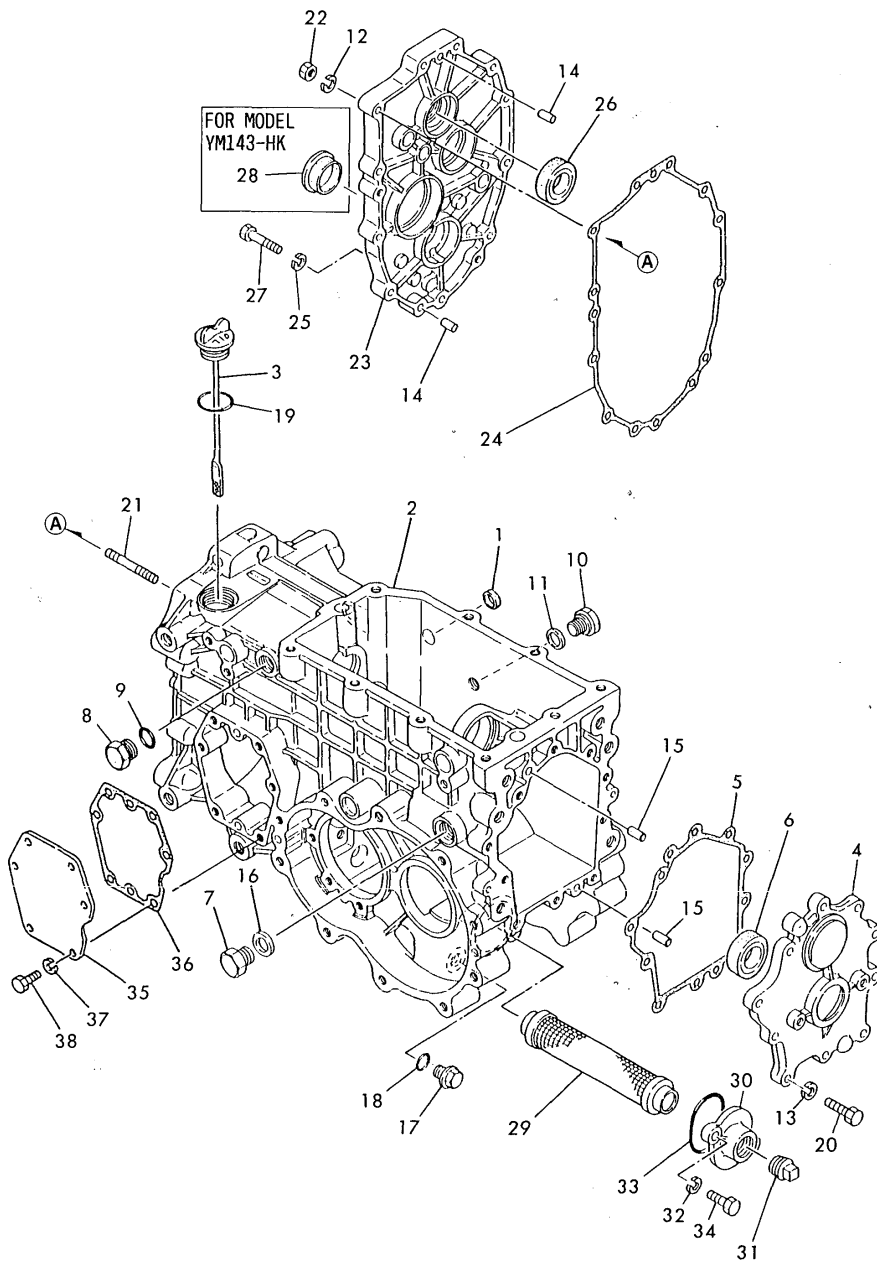
Fig. 28 CLUTCH



No.	Lev.	Parts No.	Description	Qty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	194860-21100-X	HOUSING ASSY, CLUTCH	1	1						
2	1	194990-22150	NUT, M10	2	2						
3	1	194130-61570	GROMMET, 27	1	1						
4	1	22252-000470	RING, 47	1	1						
5	1	26106-080162	BOLT, M8X 16 PLATED	4	4						
6	1	194357-21400	DISK ASSY, CLUTCH	1	1						
7	1	194340-21700	PLATE ASSY, PRESSURE	1	1						
8	1	22351-080018	PIN, SPRING 8.0X18	2	2						
9	1	26106-080162	BOLT, M8X 16 PLATED	6	6						
10	1	198221-13410	BOLT, M8	2	2						
11	1	194860-22110	SHAFT, MAIN DRIVE	1	1						
12	1	194359-22200	JOINT ASSY, CROSS	1	1						
13	2	194359-22210	JOINT ASSY, CROSS F	1	1						
14	3	194359-22220	SHAFT, YOKE	1	1						
15	3	194305-22230	YOKE	1	1						
16	3	194802-22260	JOURNAL KIT	1	1						
17	3	194802-22270	RING, SNAP	4	4						
18	3	22351-030010	PIN, SPRING 3.0X10	1	1						
19	2	194305-22260	JOINT ASSY, CROSS R	1	1						
20	3	194305-22230	YOKE	1	1						
21	3	194802-22260	JOURNAL KIT	1	1						
22	3	194305-22270	YOKE, SLEEVE	1	1						
23	3	194802-22270	RING, SNAP	4	4						
24	1	22217-080000	WASHER, SPRING 8	2	2						
25	1	22242-000170	RING, 17	1	1						
26	1	24104-063034	BEARING, BALL 6303UU	1	1						
27	1	194800-22311	ARM, CLUTCH RELEASE	1	1						
28	1	194800-22320	BEARING, CLUTCH	1	1						
29	1	194305-22350-X	SHAFT, CLUTCH RELEASE	1	1						
30	1	22242-000120	RING, 12	1	1						
31	1	22512-040340	KEY, 4X 34	1	1						
32	1	194405-21150	STAY, WIRE	1	1						
33	1	194305-22401-X	PEDAL ASSY, CLUTCH	1	1						
34	1	194440-22441	LEVER, CLUTCH LOCK	1	1						
35	1	194800-22480	SPRING, 58	1	1						
36	1	194357-22501	CABLE, CLUTCH	1	1						
37	1	194305-37520	SPRING, RETURN	1	1						
38	1	194250-51660	BAND 250	1	1						
39	1	22417-160180	PIN, COTTER 1.6X18	2	2						
40	1	22487-060120	PIN, H 6X 12	2	2						
41	1	24761-010000	NIPPLE, GREASE M6F	1	1						
42	1	26106-080122	BOLT, M8X 12 PLATED	1	1						

Fig.29. TRANSMISSION HOUSING

Fig. 29 TRANSMISSION HOUSING



(A)=YM143-HK
(B)=YM143D-HK
(C)=

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

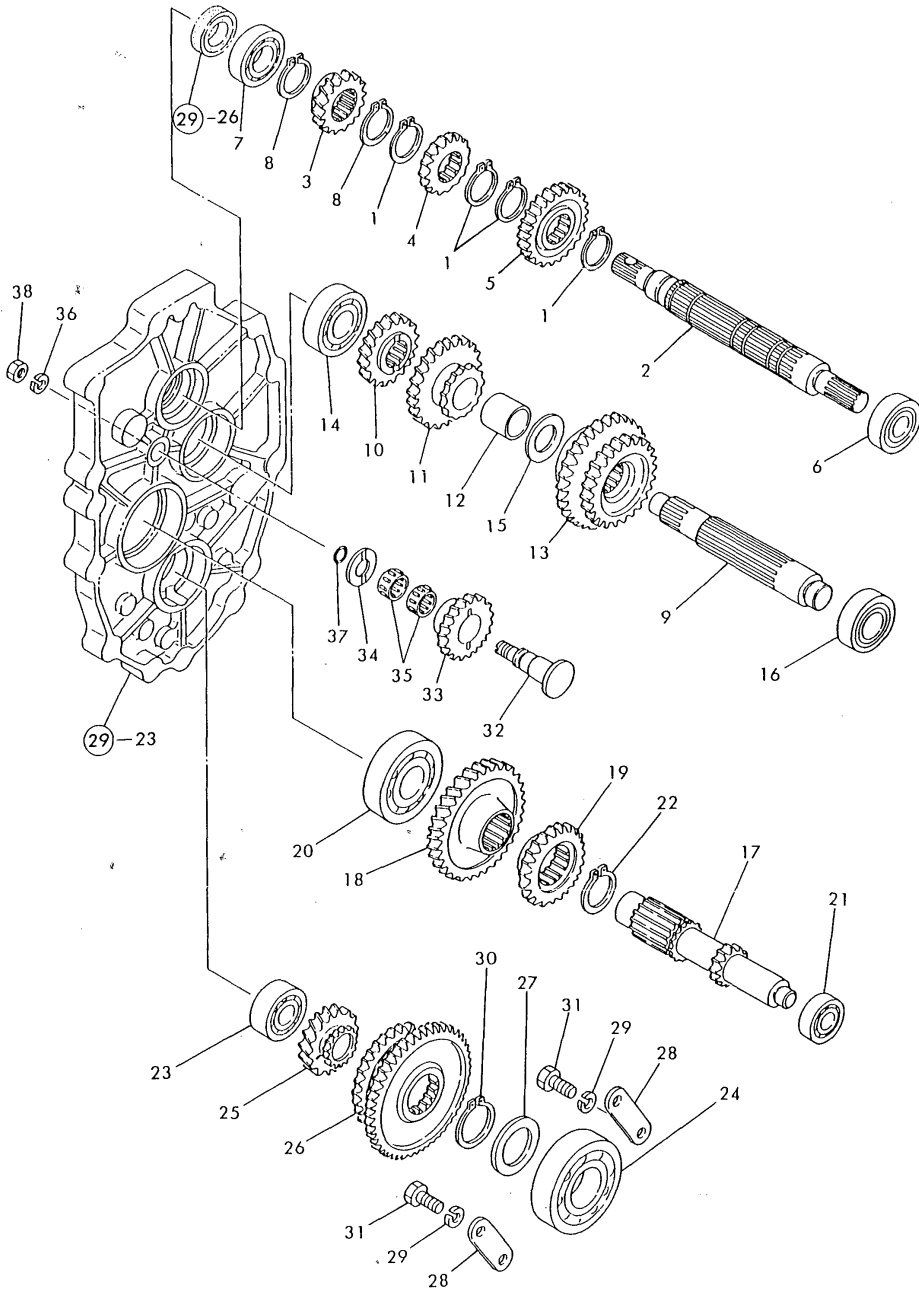
No.	Lev.	Parts No.	Description	Qty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	194197-21170	CAP. SEAL 17X4	1	1						
2	1	194305-24110-X	HOUSING, MISSION	1	1						
3	1	194405-24290	DIPSTICK, 33X167	1	1						
4	1	194305-24350-X	COVER, MISSION CASE	1	1						
5	1	194305-24361	GASKET, REAR COVER	1	1						
6	1	194197-24370	SEAL, OIL TC38508	1	1						
7	1	194310-24660	PLUG, 18	1	1						
8	1	194464-45920	PLUG, 3/4-16UNF	1	1						
9	1	194464-45930	O-RING, 8-1	1	1						
10	1	194312-46750	PLUG, PF3/8	1	1						
11	1	194555-77910	GASKET, 17	1	1						
12	1	22217-080000	WASHER, SPRING 8	4	4						
13	1	22217-080000	WASHER, SPRING 8	10	10						
14	1	22312-080160	PIN, PARALLEL M8X16	2	2						
15	1	22312-080160	PIN, PARALLEL M8X16	2	2						
16	1	23414-180000	GASKET, 18X1.0	1	1						
17	1	23491-140002	PLUG, 14	1	1						
18	1	24311-000160	O-RING, 1AP16.0	1	1						
19	1	24351-020300	O-RING 1A 2030	1	1						
20	1	26116-080302	BOLT, M8X 30 PLATED	10	10						
21	1	26226-080352	STUD, M8X 35	4	4						
22	1	26716-080002	NUT, M8	4	4						
23	1	194405-24160-X	PLATE ASSY, CENTER	1	1						
24	1	194305-24181	GASKET, PLATE	1	1						
25	1	22217-080000	WASHER, SPRING 8	7	7						
26	1	24421-203508	SEAL, OIL TC203508	1	1						
27	1	26116-080402	BOLT, M8X 40 PLATED	7	7						
28	1	27260-350001	PLUG, 35	1							
29	1	194305-24930	STRAINER, OIL	1	1						
30	1	194305-24970-X	COVER, STRAINER	1	1						
31	1	194322-24980	PLUG, 1-2NPT	1	1						
32	1	22217-080000	WASHER, SPRING 8	2	2						
33	1	24341-000500	O-RING, 1AS50.0	1	1						
34	1	26116-080202	BOLT, M8X 20 PLATED	2	2						
35	1	194305-24410	COVER, SIDE	1	1						W
(A=FROM 1ST) (B=FROM 1ST)											
36	1	194305-24421	PACKING, COVER	1	1						W
(A=FROM 1ST) (B=FROM 1ST)											
37	1	22217-080000	WASHER, SPRING 8	6	6						W
(A=FROM 1ST) (B=FROM 1ST)											
38	1	26116-080202	BOLT, M8X 20 PLATED	6	6						W
(A=FROM 1ST) (B=FROM 1ST)											

Fig.30. TRANSMISSION GEARS

(A)=YM143-HK
(B)=YM143D-HK
(C)=

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

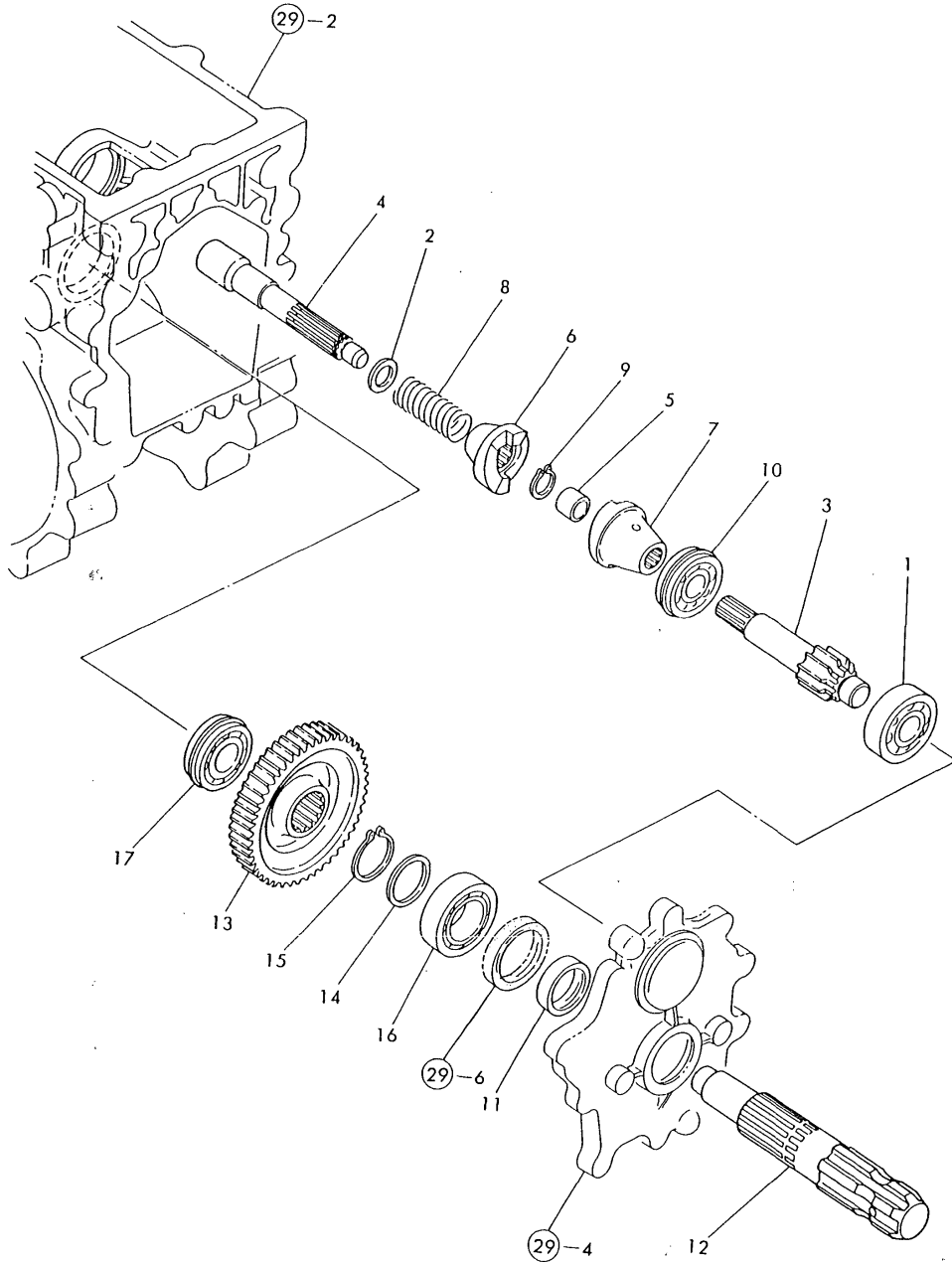
Fig. 30 TRANSMISSION GEARS



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	194306-13140	CIRCLIP, C24-S	4	4						
2	1	194405-25121	SHAFT, MAIN	1	1						
3	1	194305-25130	GEAR, HELICAL 16	1	1						
4	1	194405-25140	GEAR, MAIN 16T	1	1						
5	1	194405-25150	GEAR, MAIN 23T	1	1						
6	1	194305-25160	BEARING, BALL TMB203	1	1						
7	1	194515-25180	BEARING, BALL TMB004	1	1						
8	1	22242-000240	RING, 24	2	2						
9	1	194405-25310	SHAFT, DRIVEN	1	1						
10	1	194405-25320	GEAR, DRIVE 18	1	1						
11	1	194215-25330	GEAR, DRIVE 25	1	1						
12	1	194405-25340	COLLAR, 20X25X33	1	1						
13	1	194405-25360	GEAR, SLIDE	1	1						
14	1	194670-25370	BEARING, BALL TMB303	1	1						
15	1	194241-28170	WASHER, 20X34X2.5	1	1						
16	1	194405-83910	BEARING, TMB204	1	1						
17	1	194405-25500	SHAFT, REDUCTION	1	1						
18	1	194305-25510	GEAR, REDUCTION 32T	1	1						
19	1	194305-25520	GEAR, REDUCTION 21T	1	1						
20	1	194555-25880	BEARING, BALL TMB305	1	1						
21	1	194405-83920	BEARING, BALL TMB202	1	1						
22	1	22242-000290	RING, 29	1	1						
23	1	194670-25370	BEARING, BALL TMB303	1	1						
24	1	194197-25810	BEARING, BALL TMB306	1	1						
25	1	194405-25810	GEAR, COUNTER 17	1	1						
26	1	194305-25820	GEAR, SLIDE	1	1						
27	1	194305-25830	WASHER, 30X42X4.5	1	1						
28	1	194305-25840	HOLDER, BEARING	2	2						
29	1	22217-080000	WASHER, SPRING 8	4	4						
30	1	22242-000290	RING, 29	1	1						
31	1	26116-080202	BOLT, M8X 20 PLATED	4	4						
32	1	194215-25910	SHAFT, REVERSE IDLE	1	1						
33	1	194305-25920	GEAR, REVERSE IDLE	1	1						
34	1	194305-25930	WASHER, 14X38X3.2	1	1						
35	1	194305-25940	BEARING, 172110	2	2						
36	1	22217-080000	WASHER, SPRING 8	1	1						
37	1	24311-240100	O-RING, 1AP10A	1	1						
38	1	26716-080002	NUT, M8	1	1						

Fig.31. P.T.O. SHAFT

Fig. 31 P.T.O. SHAFT



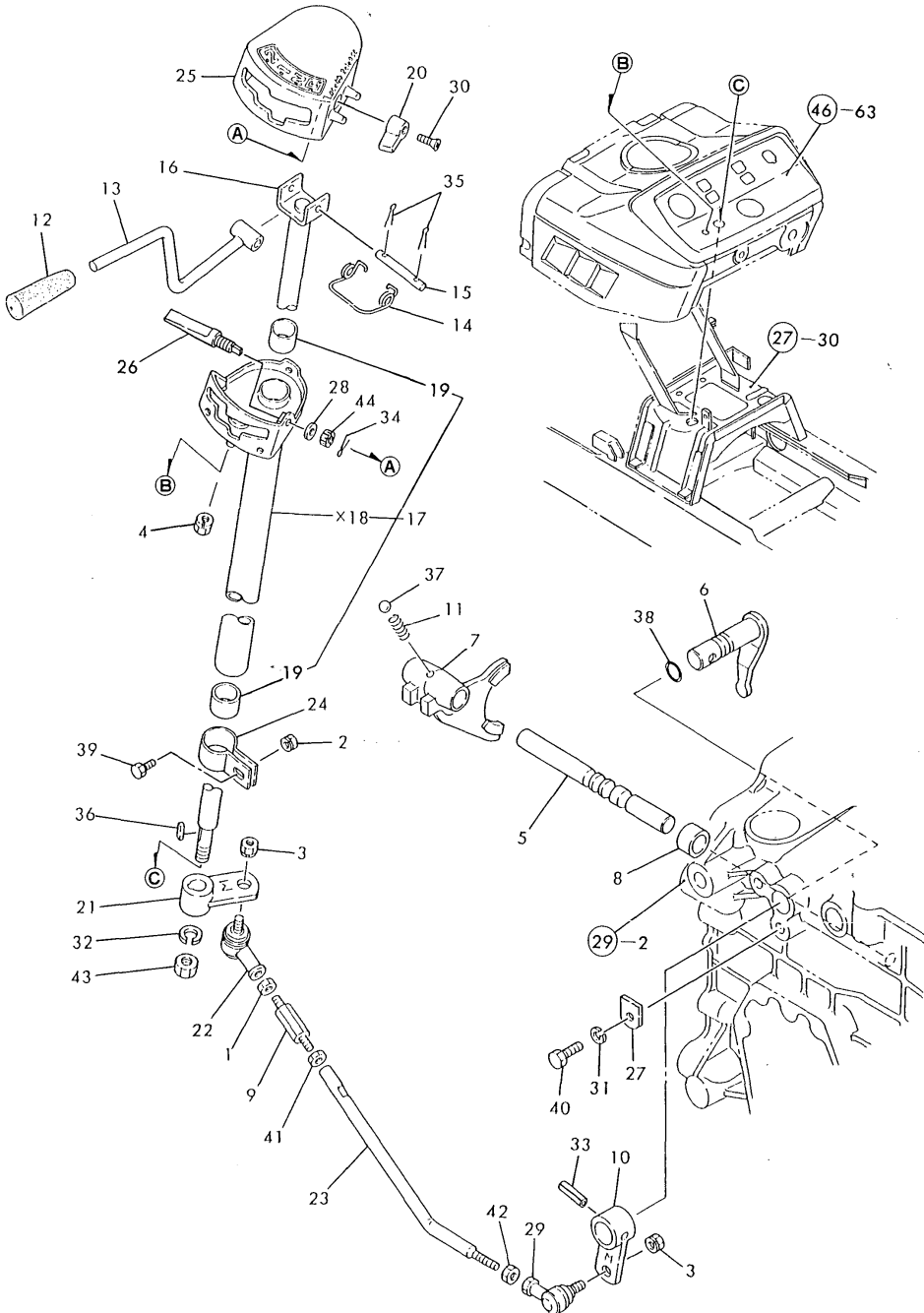
(A)=YM143-HK
(B)=YM143D-HK
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	194447-13860	BEARING, TMB304CX1	1	1						
2	1	194197-25930	WASHER, 17X24X1.6	1	1						
3	1	194115-26110	SHAFT, PTO PINION	1	1						
4	1	194305-26120	SHAFT ASSY	1	1						
5	1	194446-26280	BUSH, 14X18X15	1	1						
6	1	198220-26410	CAM, CLUTCH A	1	1						
7	1	198220-26420	CAM, CLUTCH B	1	1						
8	1	194446-26450	SPRING, 1-WAY CLUTCH	1	1						
9	1	22242-000160	RING, 16	1	1						
10	1	24121-063034	BEARING, BALL 6303NR	1	1						
11	1	195040-13320	COLLAR, 30X38X14	1	1						
12	1	194305-26501	SHAFT, PTO	1	1						
13	1	194115-26610	GEAR, SLIDE 43	1	1						
14	1	194310-37560	WASHER	1	1						
15	1	22242-000290	RING, 29	1	1						
16	1	24101-060064	BEARING, BALL 6006	1	1						
17	1	24121-062044	BEARING, BALL 6204NR	1	1						

Fig.32. MAIN SHIFT

Fig. 32 MAIN SHIFT



(A)=YM143-HK
(B)=YM143D-HK
(C)=

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

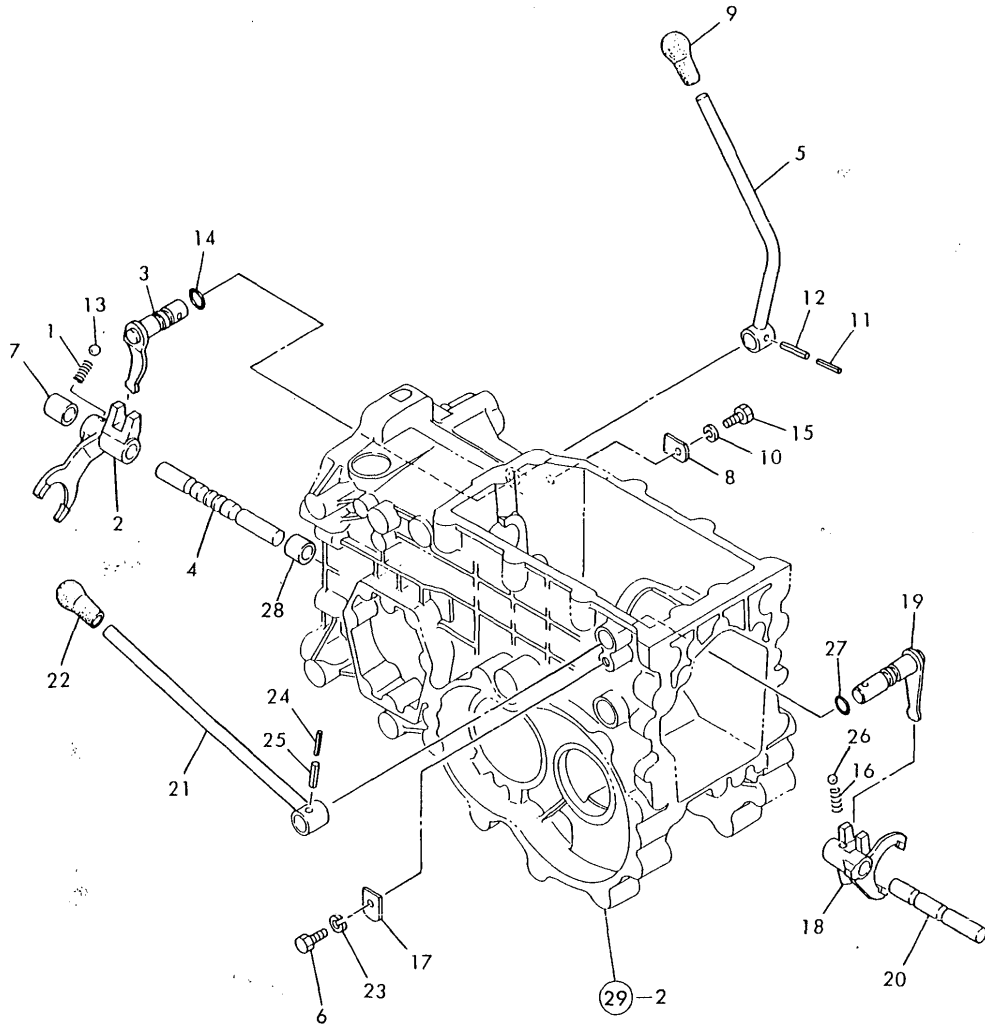
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	194990-20170	NUT, M8	1	1						
2	1	194990-22040	NUT, M6	1	1						
3	1	194990-22050	NUT, M8	2	2						
4	1	194990-22050	NUT, M8	1	1						
5	1	194405-27100-X	SHAFT, CHANGE FORK	1	1						
6	1	194405-27120	ARM, SHIFT	1	1						
7	1	194405-27130	FORK, SHIFT	1	1						
8	1	194405-27140	COLLAR, 15X21.7X10	1	1						
9	1	194490-27150	BOLT, ADJUST	1	1						
10	1	194405-27170-X	ARM, MAIN SHIFT	1	1						
11	1	194310-27180	SPRING, 22.2	1	1						
12	1	194305-27200	KNOB, MAIN SHIFT	1	1						
13	1	194405-27211	LEVER ASSY, CHANGE	1	1						
14	1	194305-27240	SPRING	1	1						
15	1	194305-27251	PIN, 5X44	1	1						
16	1	194305-27260	SHAFT ASSY	1	1						
17	1	194405-27302	GUIDE ASSY, LEVER	1	1						
19	2	24550-013150	BUSH, 13X15	2	2						
20	1	194305-27351-U	LEVER, SAFETY LOCK	1	1						
21	1	194405-27360	ARM, MAIN SHIFT	1	1						
22	1	194820-27370	END, ROD L	1	1						
23	1	194405-27390	ROD, SHIFT	1	1						
24	1	194305-27410	CLAMP, GUIDE	1	1						
25	1	194405-27421	COVER, LEVER GUIDE	1	1						
26	1	194305-27342	SHAFT, SAFETY LOCK	1	1						
27	1	194197-27681	PLATE, KEEP	1	1						
28	1	194300-37570	SPRING	1	1						
29	1	172112-41980	BEARING, ROD-END	1	1						
30	1	194450-51700	SCREW, M3X10	1	1						
31	1	22217-080000	WASHER, SPRING 8	1	1						
32	1	22217-100000	WASHER, SPRING 10	1	1						
33	1	22351-060028	PIN, SPRING 6.0X28	1	1						
34	1	22417-160180	PIN, COTTER 1.6X18	1	1						
35	1	22417-160180	PIN, COTTER 1.6X18	2	2						
36	1	22512-040120	KEY, 4X 12	1	1						
37	1	24190-100001	BALL, STEEL 5/16	1	1						
38	1	24311-000125	O-RING, 1AP12.5	1	1						
39	1	26116-060162	BOLT, M6X 16 PLATED	1	1						
40	1	26116-080202	BOLT, M8X 20 PLATED	1	1						
41	1	26716-080002	NUT, M8	1	1						
42	1	26716-080002	NUT, M8	1	1						
43	1	26716-100002	NUT, M10	1	1						
44	1	26817-080002	NUT, CASTLE M8	1	1						

Fig.33. RANGE SHIFT & P.T.O. SHIFT

(A)=YM143-HK
(B)=YM143D-HK
(C)=

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

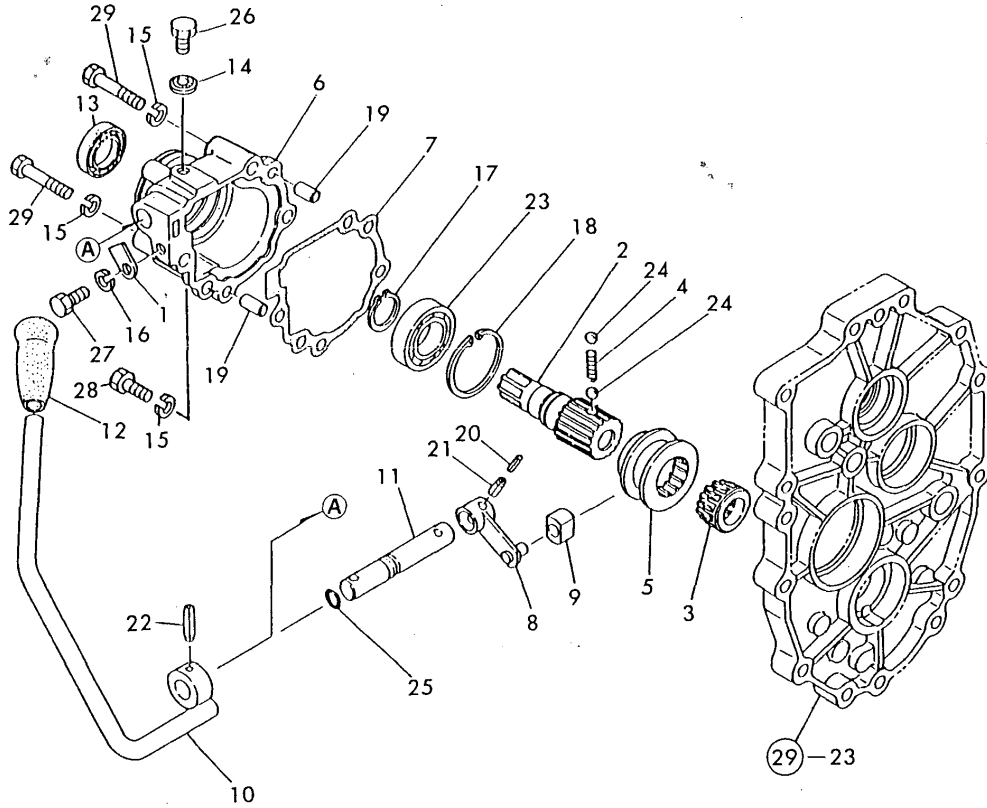
Fig. 33 RANGE SHIFT & P.T.O. SHIFT



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	194310-27180	SPRING, 22.2	1	1						
2	1	194215-27500	FORK, SHIFT	1	1						
3	1	194305-27510	ARM, SHIFT	1	1						
4	1	194305-27520	SHAFT, FORK	1	1						
5	1	194305-27530	LEVER, SHIFT	1	1						
6	1	26116-080202	BOLT, M8X 20 PLATED	1	1						
7	1	194305-27550	COLLAR, 15X21.7X27	1	1						
8	1	194197-27681	PLATE, KEEP	1	1						
9	1	194990-85561	KNOB, HIGH/LOW	1	1						
10	1	22217-080000	WASHER, SPRING 8	1	1						
11	1	22351-035025	PIN, SPRING 3.5X25	1	1						
12	1	22351-060025	PIN, SPRING 6.0X25	1	1						
13	1	24190-100001	BALL, STEEL 5/16	1	1						
14	1	24311-000125	O-RING, 1AP12.5	1	1						
15	1	26116-080202	BOLT, M8X 20 PLATED	1	1						
16	1	194310-27180	SPRING, 22.2	1	1						
17	1	194197-27681	PLATE, KEEP	1	1						
18	1	194115-27700	FORK, PTO SHIFT	1	1						
19	1	194305-27710-X	ARM, SHIFT	1	1						
20	1	194115-27720	SHAFT, PTO FORK	1	1						
21	1	194305-27731	LEVER, SHIFT	1	1						
22	1	194155-27810	KNOB, PTO	1	1						
23	1	22217-080000	WASHER, SPRING 8	1	1						
24	1	22351-035025	PIN, SPRING 3.5X25	1	1						
25	1	22351-060025	PIN, SPRING 6.0X25	1	1						
26	1	24190-100001	BALL, STEEL 5/16	1	1						
27	1	24311-000125	O-RING, 1AP12.5	1	1						
28	1	194305-27540	COLLAR, 15X21.7X19	1	1						W
				(A=FROM 1ST)	(B=FROM 1ST)						

Fig.34. FRONT DRIVE & SHIFT LEVER

Fig. 34 FRONT DRIVE & SHIFT LEVER



(A)=YM143-HK
(B)=YM143D-HK
(C)=

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

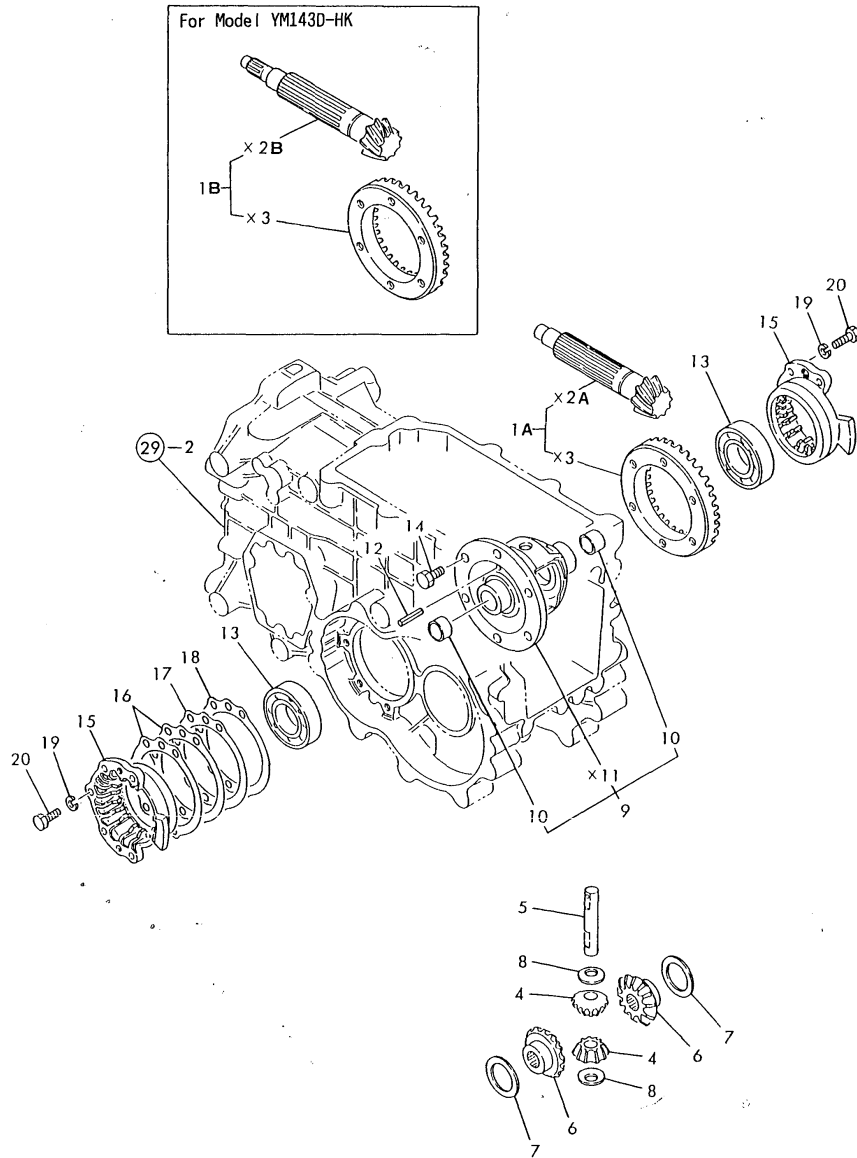
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	194197-27681	PLATE, KEEP		1						
2	1	194306-28210	SHAFT, FRONT DRIVE		1						
3	1	194306-28220	COLLAR, SPLINE		1						
4	1	194311-28230	SPRING, 21.2		1						
5	1	194306-28240	COLLAR, SHIFT		1						
6	1	194406-28251	COVER, FRONT		1						
7	1	194406-28261	GASKET, FRONT COVER		1						
8	1	194406-28310	ARM, SHIFT		1						
9	1	194306-28320	BLOCK, SHIFT		1						
10	1	194306-28330	LEVER, FRONT SHIFT		1						
11	1	194406-28331	SHAFT, SHIFT		1						
12	1	194191-28480	KNOB, SHIFT		1						
13	1	1E6250-36070	SEAL, OIL TC22X38X8		1						
14	1	22190-080000	WASHER, SEAL 8		1						
15	1	22217-080000	WASHER, SPRING 8		4						
16	1	22217-080000	WASHER, SPRING 8		1						
17	1	22242-000250	RING, 25		1						
18	1	22252-000470	RING, 47		1						
18-1	1	22262-000470	RING, R-47		1						N
(B=T/# 10005)											
19	1	22312-080160	PIN, PARALLEL M8X16		2						
20	1	22351-035020	PIN, SPRING 3.5X20		1						
21	1	22351-060020	PIN, SPRING 6.0X20		1						
22	1	22351-060028	PIN, SPRING 6.0X28		1						
23	1	24101-060054	BEARING, BALL 6005		1						
24	1	24190-080001	BALL, STEEL 1/4		2						
25	1	24311-000110	O-RING, 1AP11.0		1						
26	1	26116-080102	BOLT, M8X 10 PLATED		1						
27	1	26116-080162	BOLT, M8X 16 PLATED		1						
28	1	26116-080202	BOLT, M8X 20 PLATED		2						
29	1	26116-080502	BOLT, M8X 50 PLATED		2						

Fig.35. RING GEAR & DIFFERENTIAL GEARS

(A)=YM143-HK
(B)=YM143D-HK
(C)=

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

Fig. 35 RING GEAR & DIFFERENTIAL GEARS



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1A	1	194405-31390	GEAR ASSY, RING E	1							
1B	1	194406-31390	GEAR ASSY, RING D		1						
4	1	194740-10850	PINION, DIFFERENTIAL	2	2						
5	1	194556-13230	SHAFT, DIFFERENTIAL	1	1						
6	1	194197-31510	GEAR, DIFFERENTIAL	2	2						
7	1	194300-31610	WASHER, DIFFERENTIAL	2	2						
8	1	194420-31850	WASHER, DIFFERENTIAL	2	2						
9	1	194197-32100	HOUSING ASSY	1	1						
10	2	194300-31520	BUSH, 22X25X14	2	2						
12	1	22351-040032	PIN, SPRING 4.0X32	1	1						
13	1	24101-062074	BEARING, BALL 6207	2	2						
14	1	26156-100182	BOLT, M10X 18 PLATED	6	6						
15	1	194305-32300-X	CARRIER	2	2						
16	1	194197-32350	SHIM, T=0.1	2	2						1
17	1	194197-32360	SHIM, T=0.3	1	1						1
18	1	194197-32370	SHIM, T=0.5	1	1						1
19	1	22217-080000	WASHER, SPRING 8	10	10						
20	1	26116-080252	BOLT, M8X 25 PLATED	10	10						

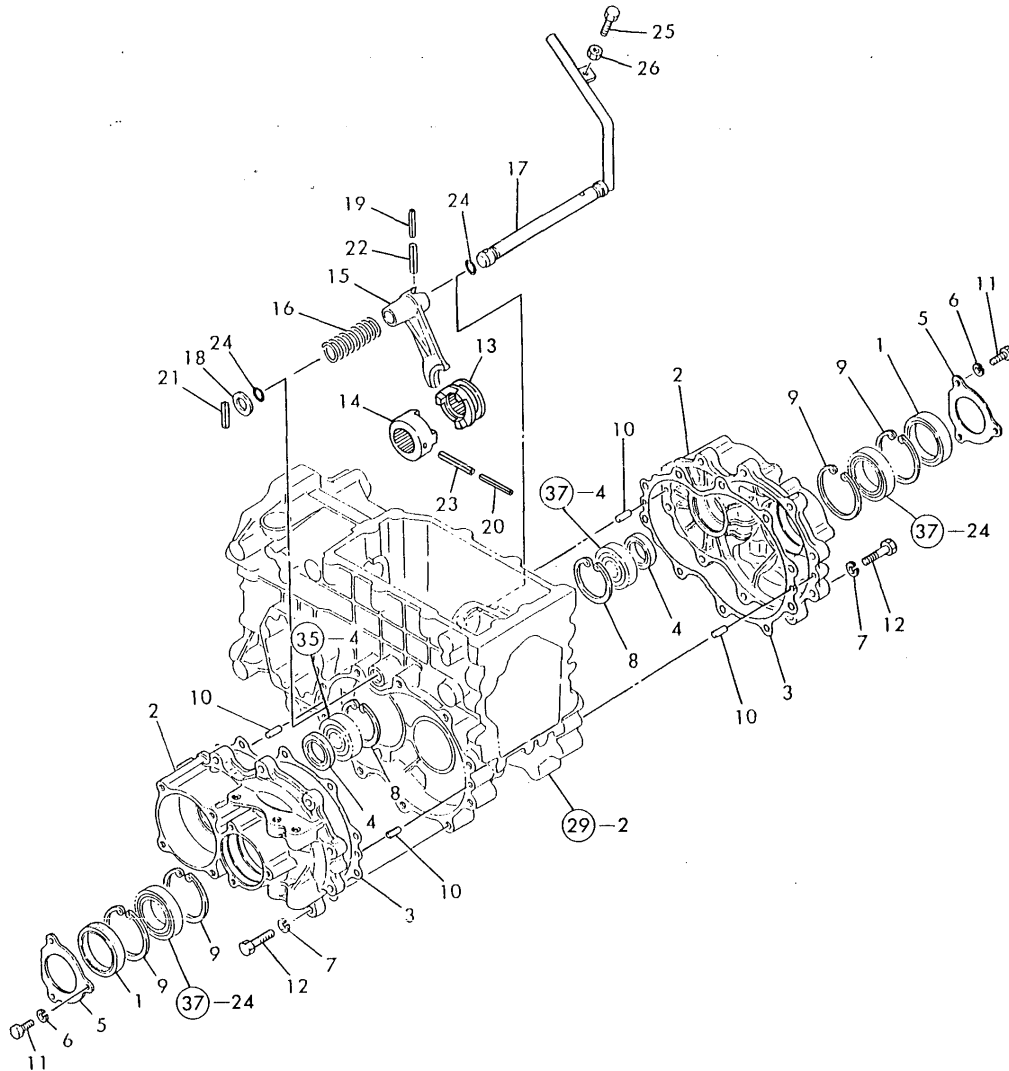
Remarks
(1) USE THE PROPER PART BY CAREFULLY CHOOSING.
(M) MISPRINT.

Fig.36. REAR AXLE HOUSING & DIFF. LOCK

(A)=YM143-HK
(B)=YM143D-HK
(C)=

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

Fig. 36 REAR AXLE HOUSING & DIFF. LOCK



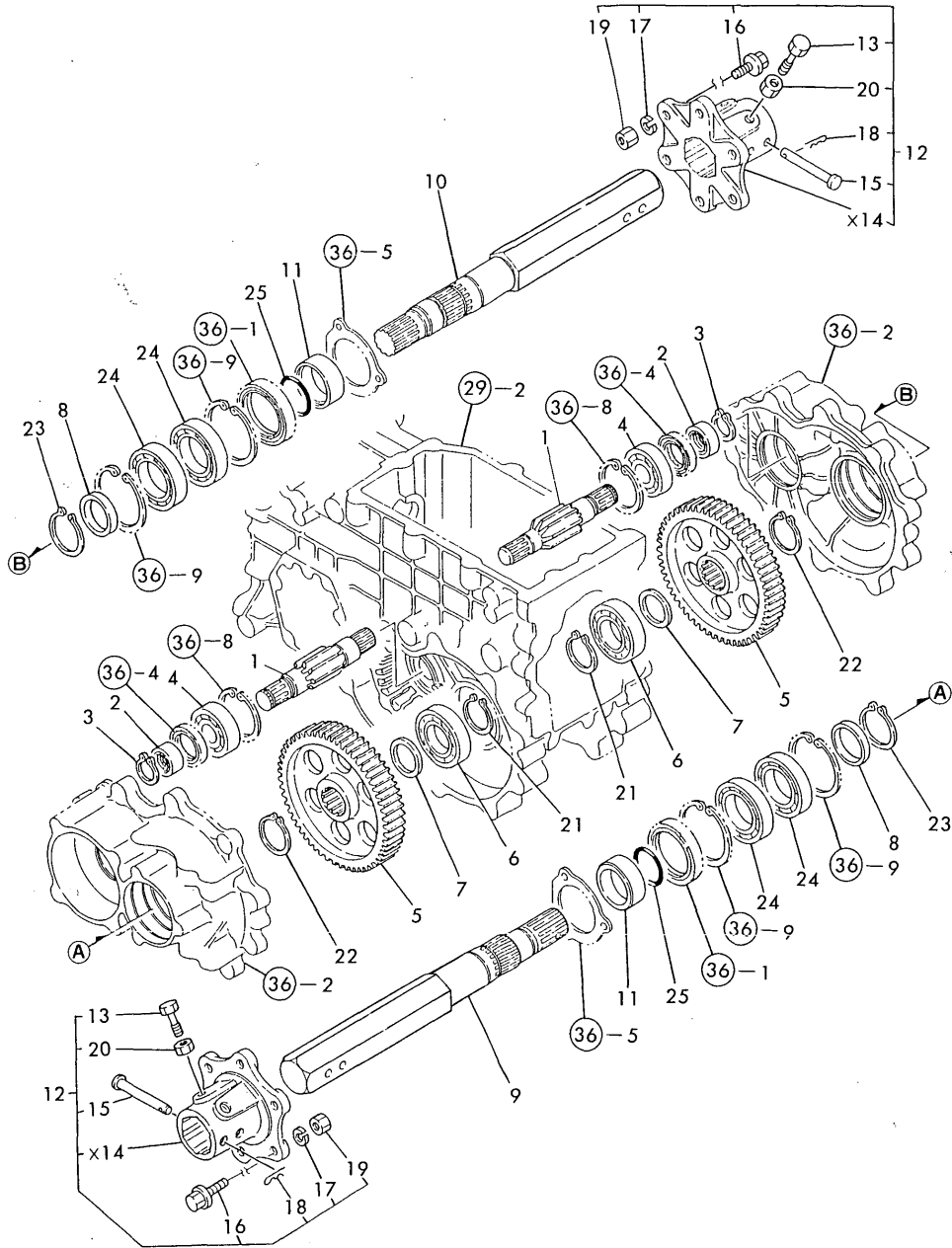
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	194447-14140	SEAL, OIL TC6Y577512	2	2						
2	1	194305-32601	HOUSING, REAR AXLE	2	2						
3	1	194305-32621	GASKET, HOUSING	2	2						
4	1	194305-32650	SEAL, OIL TC35529	2	2						
5	1	194305-34320-X	COVER, OIL SEAL	2	2						
6	1	22217-080000	WASHER, SPRING 8	6	6						
7	1	22217-100000	WASHER, SPRING 10	20	20						
8	1	22252-000620	RING, 62	2	2						
9	1	22252-000750	RING, 75	4	4						
10	1	22312-080160	PIN, PARALLEL M8X16	4	4						
11	1	26116-080202	BOLT, M8X 20 PLATED	6	6						
12	1	26116-100402	BOLT, M10X 40 PLATED	20	20						
13	1	194305-33110	SLIDER, LOCK L	1	1						
14	1	194305-33130	SLIDER, LOCK R	1	1						
15	1	194305-33140-X	FORK, SHIFT	1	1						
16	1	194305-33150	SPRING	1	1						
17	1	194115-33160	PEDAL, LOCK	1	1						
18	1	194300-33200	SPACER, 20X32X3.2	1	1						
19	1	22351-050040	PIN, SPRING 5.0X40	1	1						
20	1	22351-050056	PIN, SPRING 5.0X56	1	1						
21	1	22351-080032	PIN, SPRING 8.0X32	1	1						
22	1	22351-080040	PIN, SPRING 8.0X40	1	1						
23	1	22351-080056	PIN, SPRING 8.0X56	1	1						
24	1	24311-000160	O-RING, 1AP16.0	2	2						
25	1	26116-080352	BOLT, M8X 35 PLATED	1	1						
26	1	26716-080002	NUT, M8	1	1						

Fig.37. FINAL PINION & REAR AXLE SHAFT

(A)=YM143-HK
(B)=YM143D-HK
(C)=

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

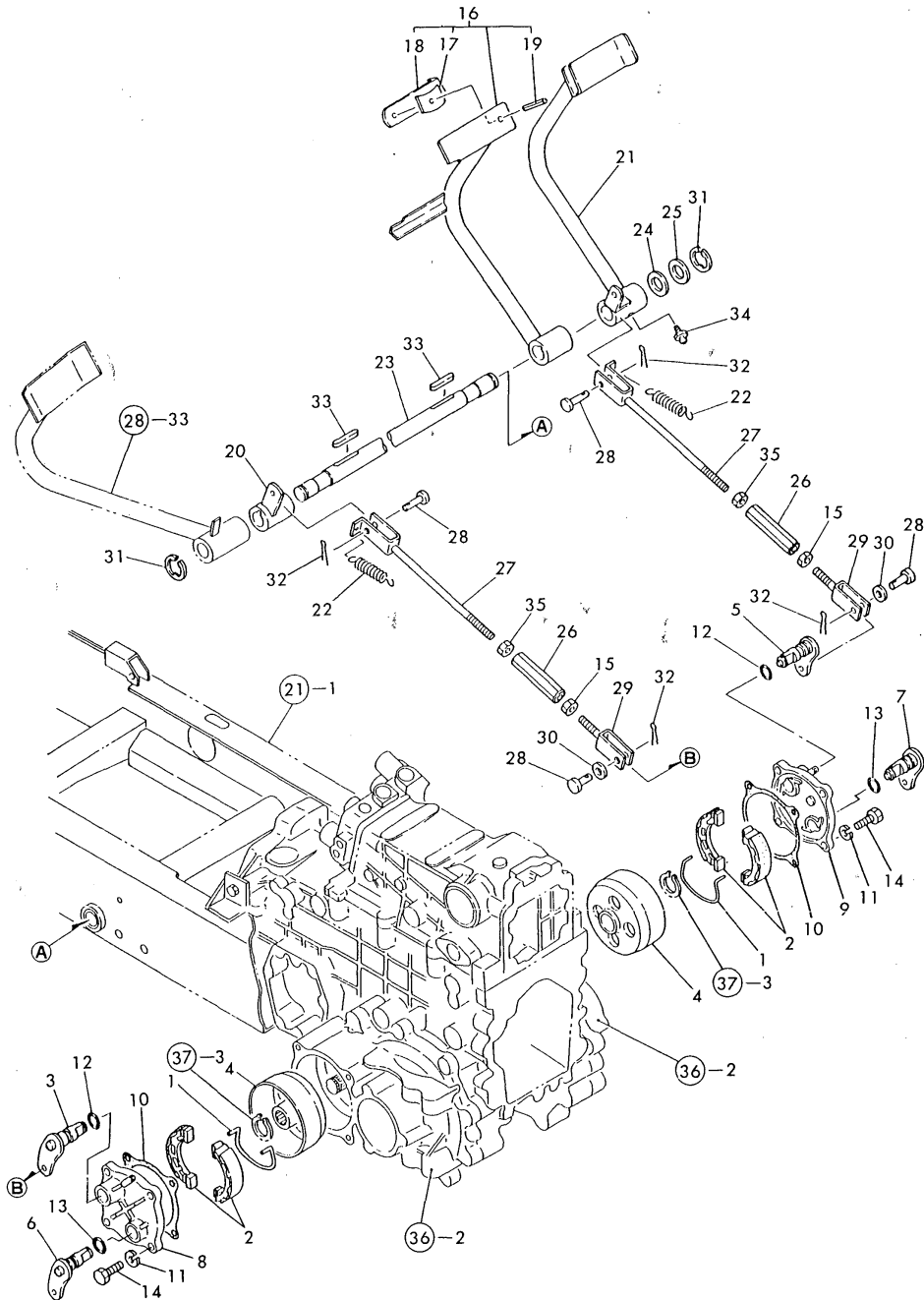
Fig. 37 FINAL PINION & REAR AXLE SHAFT



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	194405-33400	PINION, FINAL	2	2						
2	1	194305-33430	SLEEVE, SI 25X35X15	2	2						
3	1	22242-000240	RING, 24	4	4						
4	1	24101-063050	BEARING, BALL 6305C3	2	2						
5	1	194405-33510	GEAR, FINAL	2	2						
6	1	194115-24230	BEARING, BALL NUP207	2	2						
7	1	194300-32570	COLLAR, 35X48.6X6	2	2						
8	1	172732-25750	SPACER	2	2						
9	1	194305-34100-X	SHAFT, REAR AXLE L	1	1						
10	1	194305-34110-X	SHAFT, REAR AXLE R	1	1						
11	1	194305-34170	COLLAR, 45X57X20	2	2						
12	1	194305-34710-Q	HUB ASSY, WHEEL	2	2						
13	2	1C6140-25210	BOLT, FLANGE	4	4						
15	2	194200-34750	PIN, 10X78	2	2						
16	2	194115-34760	BOLT, M12X40	12	12						
17	2	22217-120000	WASHER, SPRING 12	12	12						
18	2	22360-100000	PIN, SNAP 10	2	2						
18-1	2	22372-100000	PIN, SNAP 10	2	2						R
(A=T/# 10008) (B=T/# 10005)											
19	2	26736-120002	NUT, M12	12	12						
20	2	26756-160002	NUT, LOCK M16	4	4						
21	1	22242-000350	RING, 35	2	2						
22	1	22242-000400	RING, 40	2	2						
23	1	22242-000450	RING, 45	2	2						
24	1	194115-34190	BEARING, BALL 6009R	4	4						
25	1	24321-000450	O-RING, 1AG45.0	2	2						

Fig.38. BRAKES

Fig. 38 BRAKES



(A)=YM143-HK
(B)=YM143D-HK
(C)=

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

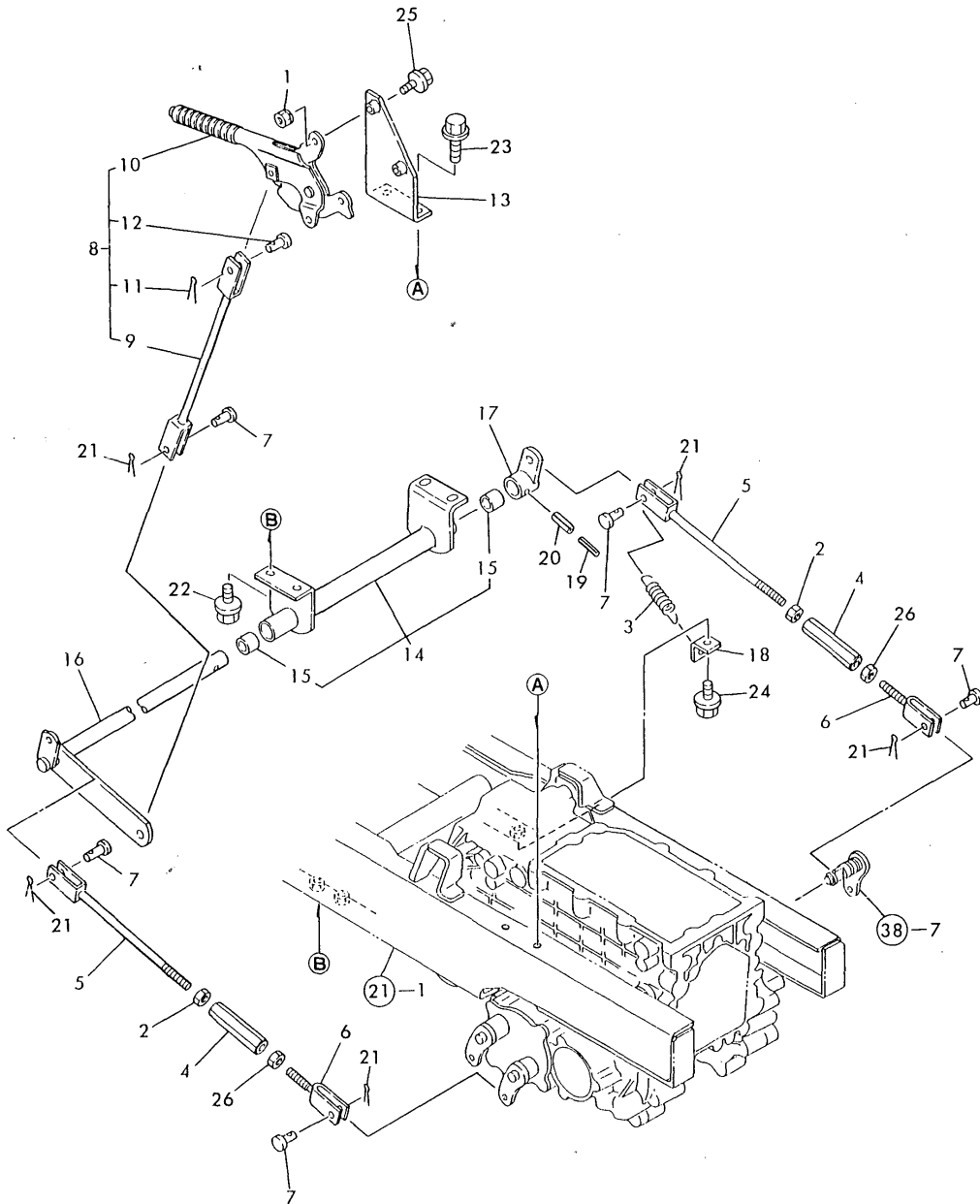
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	194800-36550	SPRING, SHOE	2	2						
2	1	194115-36611	SHOE ASSY, BRAKE	4	4						
3	1	194115-36650	LEVER, BRAKE L	1	1						
4	1	194217-36650	DRUM, BRAKE	2	2						
5	1	194115-36660	LEVER (R), BRAKE	1	1						
6	1	194115-36710	CAMSHAFT (L), BRAKE	1	1						
7	1	194115-36720	CAMSHAFT, BRAKE	1	1						
8	1	194115-36810	COVER ASSY, CASE L	1	1						
9	1	194115-36820	COVER ASSY, CASE R	1	1						
10	1	194305-36851	GASKET, COVER	2	2						
11	1	22217-100000	WASHER, SPRING 10	8	8						
12	1	24341-000180	O-RING, 1AS18.0	2	2						
13	1	24341-000180	O-RING, 1AS18.0	2	2						
14	1	26116-100302	BOLT, M10X 30 PLATED	8	8						
15	1	194150-22480	NUT, M10 L	2	2						
16	1	194880-37400-X	PEDAL ASSY, BRAKE L	1	1						
17	2	194150-37530	SPACER	1	1						
18	2	194432-37540-S	CONNECTOR, PEDAL	1	1						
19	2	22351-080018	PIN, SPRING 8.0X18	1	1						
20	1	194305-37460-X	ARM (L) ASSY, BRAKE	1	1						
21	1	194305-37500-X	PEDAL ASSY, BRAKE R	1	1						
22	1	194305-37520	SPRING, RETURN	2	2						
23	1	194305-37550	SHAFT, BRAKE PEDAL	1	1						
24	1	194130-37560	WASHER	1	1						
25	1	194150-37570	WASHER, 25X38X1.2	1	1						
26	1	194151-37730-U	TURNBUCKLE, M10X90	2	2						
27	1	194151-37771	ROD, BRAKE R	2	2						
28	1	194080-37781	PIN, 8X25	4	4						
29	1	194405-38670	JOINT, 2-WAY	2	2						
30	1	22137-080000	WASHER, 8	2	2						
31	1	22272-000190	RING, E-19	2	2						
32	1	22417-200300	PIN, COTTER 2.0X30	4	4						
33	1	22512-070400	KEY, 7X 40	2	2						
34	1	24761-010000	NIPPLE, GREASE M6F	1	1						
35	1	26716-100002	NUT, M10	2	2						

Fig.39. PARKING BRAKE

(A)=YM143-HK
 (B)=YM143D-HK
 (C)=

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

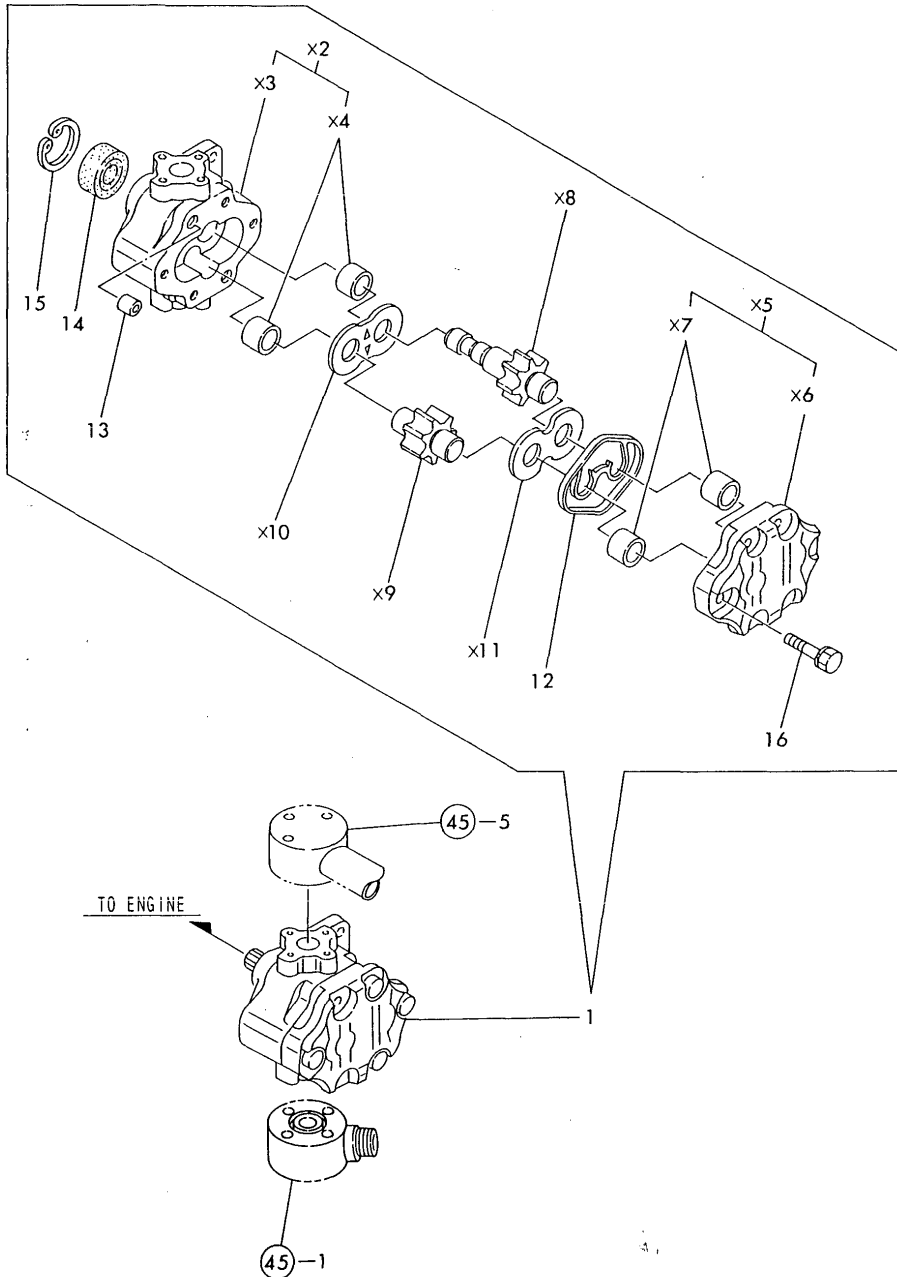
Fig. 39 PARKING BRAKE



No.	Lev.	Parts No.	Description	Qty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	194990-22050	NUT, M8	2	2						
2	1	194150-22480	NUT, M10 L	2	2						
3	1	194305-37520	SPRING, RETURN	1	1						
4	1	194151-37730-U	TURNBUCKLE, M10X90	2	2						
5	1	194115-37740	ROD, BRAKE L	2	2						
6	1	194151-37771	ROD, BRAKE R	2	2						
7	1	194080-37781	PIN, 8X25	5	5						
8	1	194405-38400-X	BRAKE ASSY, PARKING	1	1						
9	2	194405-38410	ROD, BRAKE	1	1						
10	2	198335-38400	BRAKE, PARKING	1	1						
11	2	22417-200300	PIN, COTTER 2.0X30	1	1						
12	2	22487-080280	PIN, H 8X 28	1	1						
13	1	194405-38450	BRACKET, BRAKE	1	1						
14	1	194405-38500	BRACKET ASSY, LINK	1	1						
15	2	24550-020250	BUSH, 20X25	2	2						
16	1	194405-38550	SHAFT, BRAKE P	1	1						
17	1	194405-38610	ARM, BRAKE	1	1						
18	1	194405-38650	HOOK, SPRING	1	1						
19	1	22351-035032	PIN, SPRING 3.5X32	1	1						
20	1	22351-060032	PIN, SPRING 6.0X32	1	1						
21	1	22417-200300	PIN, COTTER 2.0X30	5	5						
22	1	26106-100252	BOLT, M10X 25 PLATED	4	4						
23	1	26106-100252	BOLT, M10X 25 PLATED	2	2						
24	1	26106-100252	BOLT, M10X 25 PLATED	1	1						
25	1	26106-080352	BOLT, M8X 35 PLATED	2	2						
25-1	1	26106-080302	BOLT, M8X 30 PLATED	2	2						R
(A=T/# 10008) (B=T/# 10005)											
26	1	26716-100002	NUT, M10	2	2						

Fig.40. HYDRAULIC PUMP

Fig. 40 HYDRAULIC PUMP



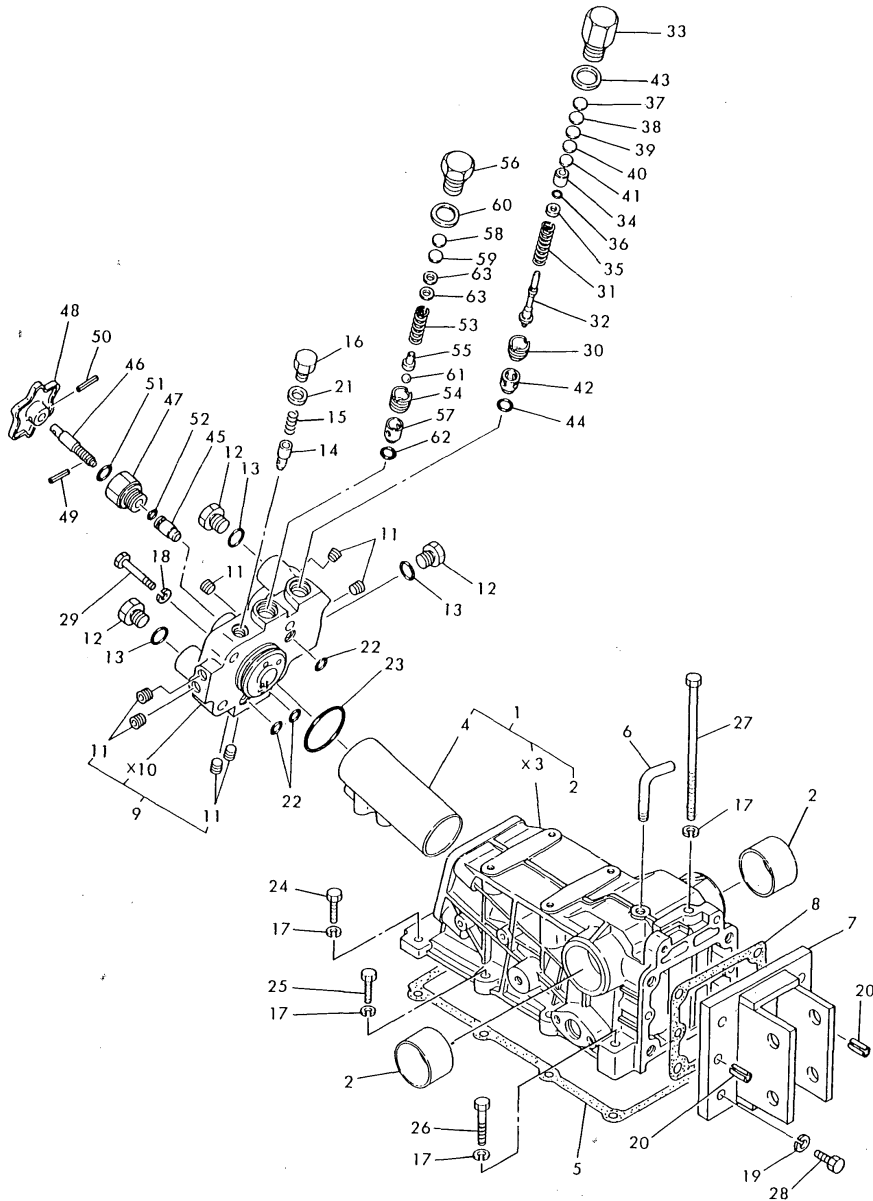
(A)=YM143-HK
(B)=YM143D-HK
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119807-26010	PUMP ASSY, HYDRAULIC	1	1						
12	2	178070-10400	RING	1	1						
13	2	194521-41570	PIN, 11X7	2	2						
14	2	24421-153207	SEAL, OIL TC153207	1	1						
15	2	22252-000320	RING, 32	1	1						
16	2	26016-080352	BOLT, M8X 35	4	4						

Fig.41. HYDRAULIC CYLINDER

Fig. 41 HYDRAULIC CYLINDER

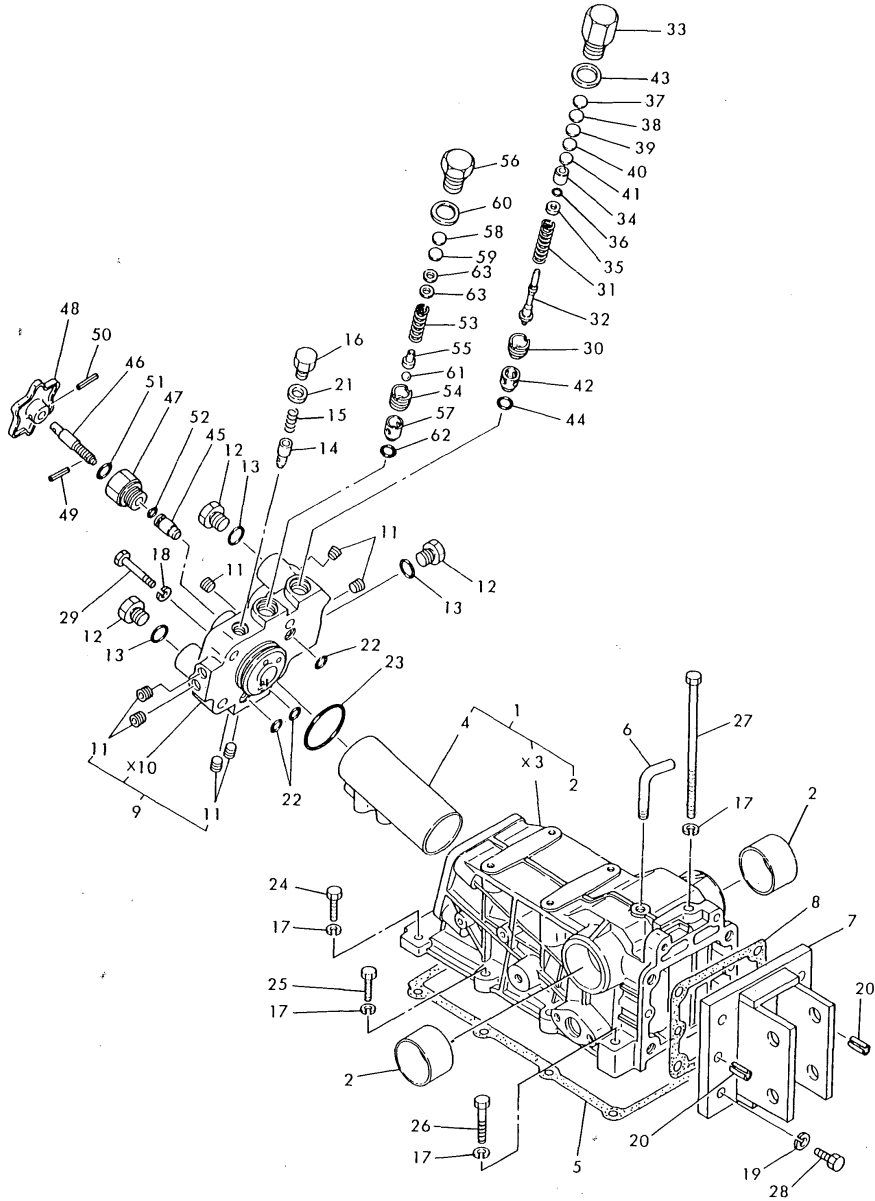


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	194305-42100-X	HOUSING, HYDRAULIC	1	1						
2	2	194300-24130	BUSH 45X50X30	2	2						
4	2	194305-42120	MATERIAL, SLEEVE	1	1						
5	1	194305-42151	GASKET, HOUSING	1	1						
6	1	194205-42280	PIPE, AIR BREATHER	1	1						
7	1	194151-42810	HINGE, TOP LINK	1	1						
8	1	194151-42832	GASKET, HINGE	1	1						
9	1	194305-43200-X	HEAD ASSY, CYLINDER	1	1						
11	2	23871-010000	PLUG, R01	7	7						
12	1	194464-45920	PLUG, 3/4-16UNF	3	3						
13	1	194464-45930	O-RING, 8-1	3	3						
14	1	194310-46350	POPPET, CHECK	1	1						
15	1	194310-46380	SPRING	1	1						
16	1	194310-46730	PLUG, 14	1	1						
17	1	22217-100000	WASHER, SPRING 10	9	9						
18	1	22217-120000	WASHER, SPRING 12	4	4						
19	1	22217-120000	WASHER, SPRING 12	4	4						
20	1	22351-100022	PIN, SPRING 10.0X22	2	2						
21	1	23414-140018	GASKET, 14X1.0	1	1						
22	1	24315-000110	O-RING, 1BP11.0	3	3						
23	1	24325-000500	O-RING, 1BG50.0	1	1						
24	1	26116-100302	BOLT, M10X 30 PLATED	2	2						
25	1	26116-100352	BOLT, M10X 35 PLATED	4	4						
26	1	26116-100502	BOLT, M10X 50 PLATED	2	2						
27	1	26116-101602	BOLT, M10X160 PLATED	1	1						
28	1	26116-120352	BOLT, M12X 35 PLATED	4	4						
29	1	26116-120602	BOLT, M12X 60 PLATED	4	4						
30	1	194275-45340	SCREW, VALVE SEAT	1	1						
31	1	194170-45610	SPRING, RELIEF VALVE	1	1						
32	1	194195-45620	POPPET	1	1						
33	1	194195-45630	PLUG, RELIEF VALVE	1	1						
34	1	194195-45640	SEAT, 6.6X13X12.5	1	1						
35	1	194195-45650	WASHER, 6.6X13X3.2	1	1						
36	1	194195-45660	O-RING 6X1.8	1	1						
37	1	194170-45700	SHIM, T=0.1	1	1						1
38	1	194170-45710	SHIM, T=0.2	1	1						1
39	1	194170-45720	SHIM, T=0.3	1	1						1
40	1	194170-45730	SHIM, T=0.5	1	1						1
41	1	194170-45740	SHIM, T=1.0	1	1						1
42	1	194195-46260	SEAT, RELIEF VALVE	1	1						
43	1	23414-200026	GASKET, 20X1.0	1	1						
44	1	24311-000120	O-RING, 1AP12.0	1	1						
45	1	194550-46300	VALVE, STOP	1	1						
46	1	194363-46620	BOLT, STOP	1	1						
47	1	194312-46630	HOLDER, VALVE	1	1						
48	1	194151-46640	KNOB	1	1						
49	1	22351-040012	PIN, SPRING 4.0X12	1	1						
50	1	22351-040022	PIN, SPRING 4.0X22	1	1						
51	1	24311-000120	O-RING, 1AP12.0	1	1						
52	1	24315-000090	O-RING, 1BP9.0	1	1						
53	1	194150-45320	SPRING, RELIEF VALVE	1	1						

Remarks
 (1) USE THE PROPER PART BY CAREFULLY CHOOSING.

Fig.41. HYDRAULIC CYLINDER

Fig. 41 HYDRAULIC CYLINDER



(A)=YM143-HK
(B)=YM143D-HK
(C)=

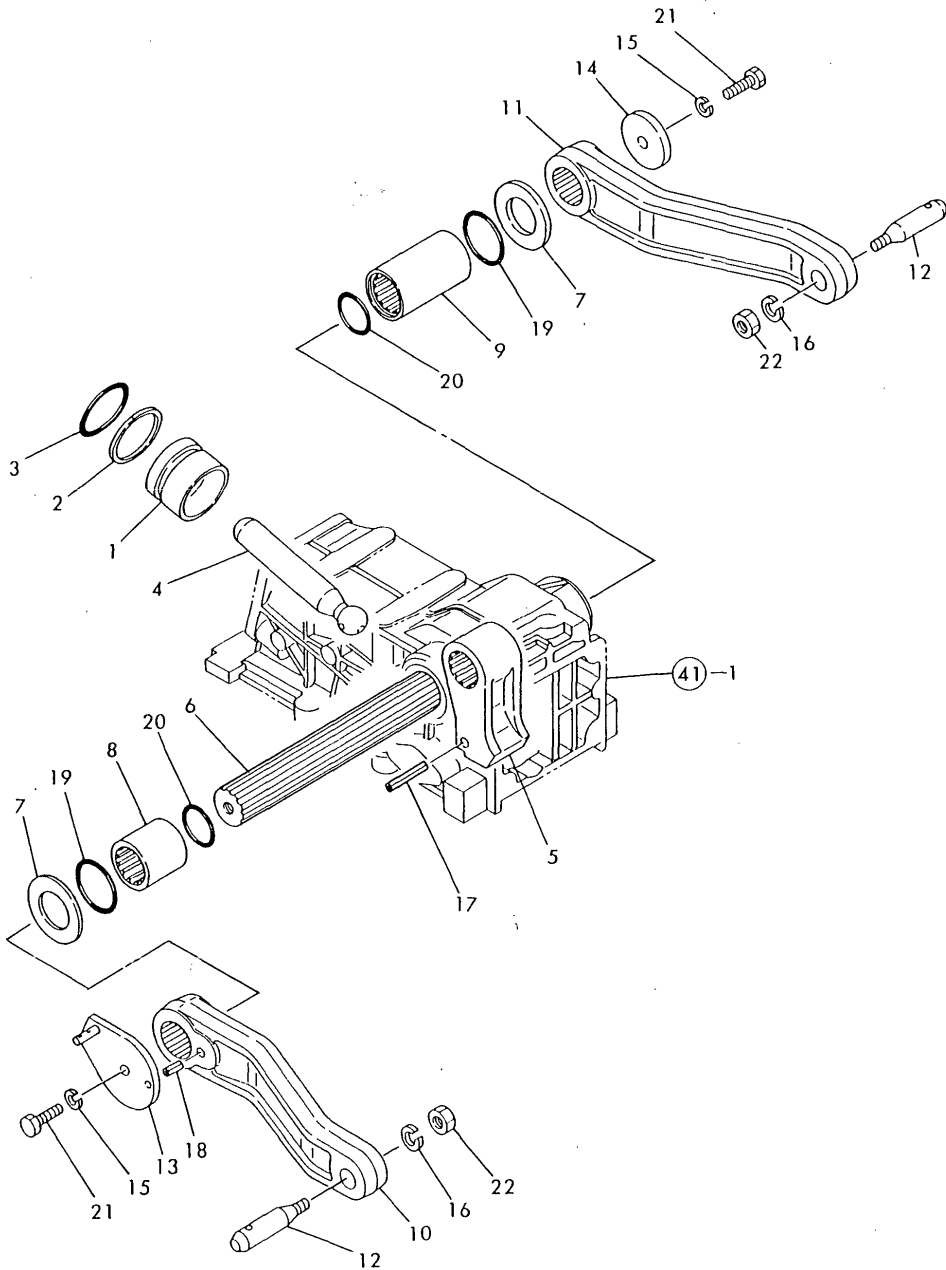
(D)=
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
54	1	194150-45340	SCREW, VALVE	1	1						
55	1	194150-45361	HOLDER, VALVE	1	1						
56	1	194151-45370	PLUG, RELIEF VALVE	1	1						
57	1	194151-46261	SEAT, RELIEF VALVE	1	1						
58	1	110250-53410	SHIM, T=0.2	1	1						1
59	1	110250-53430	SHIM, T=0.5	1	1						1
60	1	23414-200026	GASKET, 20X1.0	1	1						
61	1	24190-080003	BALL, STEEL 1/4	1	1						
62	1	24311-000120	O-RING, 1AP12.0	1	1						
63	1	22117-060000	WASHER, 6	2	2						

Remarks
(1) USE THE PROPER PART BY CAREFULLY CHOOSING.

Fig.42. HYDRAULIC LIFT

Fig. 42 HYDRAULIC LIFT



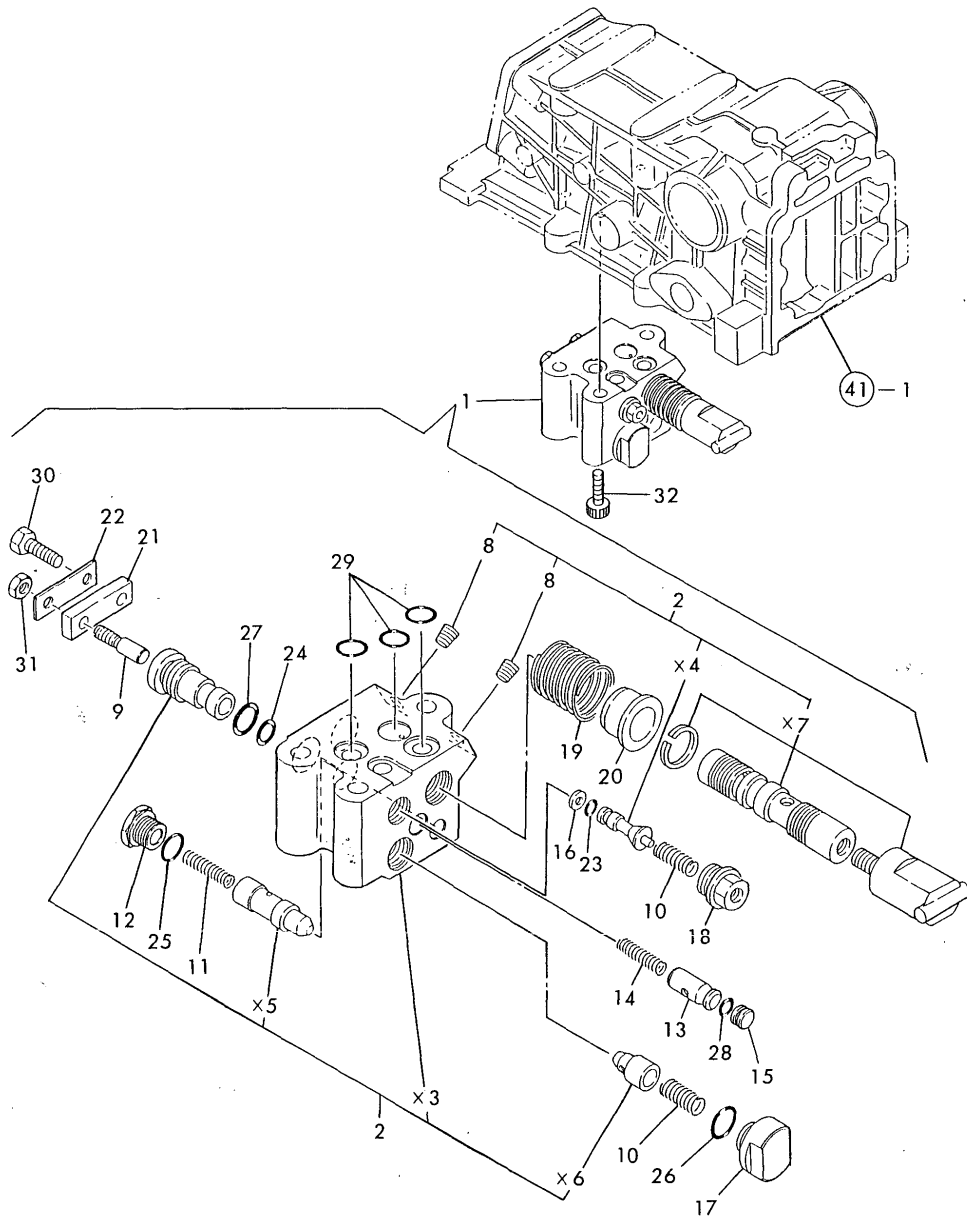
(A)=YM143-HK
(B)=YM143D-HK
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	194215-43310	PISTON, HYDRAULIC	1	1						
2	1	194300-43330	RING, BACK UP P49	1	1						
3	1	24315-000490	O-RING 1B P-49.0	1	1						
4	1	194305-43410	ROD, PISTON	1	1						
5	1	194305-44110	CRANK, LIFT	1	1						
6	1	194300-44210	SHAFT, LIFT	1	1						
7	1	194300-44230	LINER, 35X60X3	2	2						
8	1	194197-44250	SLEEVE, LIFT SHAFT L	1	1						
9	1	194197-44260	SLEEVE(R),LIFT SHAFT	1	1						
10	1	194305-44410-X	ARM, LIFT L	1	1						
11	1	194305-44420-X	ARM (R), LIFT	1	1						
12	1	194130-44480	PIN, LIFT ARM	2	2						
13	1	194115-44510	ARM, FEEDBACK	1	1						
14	1	194197-44610	WASHER, 10X50X6	1	1						
15	1	22217-100000	WASHER, SPRING 10	2	2						
16	1	22217-160000	WASHER, SPRING 16	2	2						
17	1	22351-050040	PIN, SPRING 5.0X40	1	1						
18	1	22351-060016	PIN, SPRING 6.0X16	1	1						
19	1	24321-000450	O-RING, 1AG45.0	2	2						
20	1	24341-000360	O-RING, 1AS36.0	2	2						
21	1	26116-100202	BOLT, M10X 20 PLATED	2	2						
22	1	26736-160002	NUT, M16	2	2						

Fig.43. HYDRAULIC CONTROL VALVE

Fig. 43 HYDRAULIC CONTROL VALVE



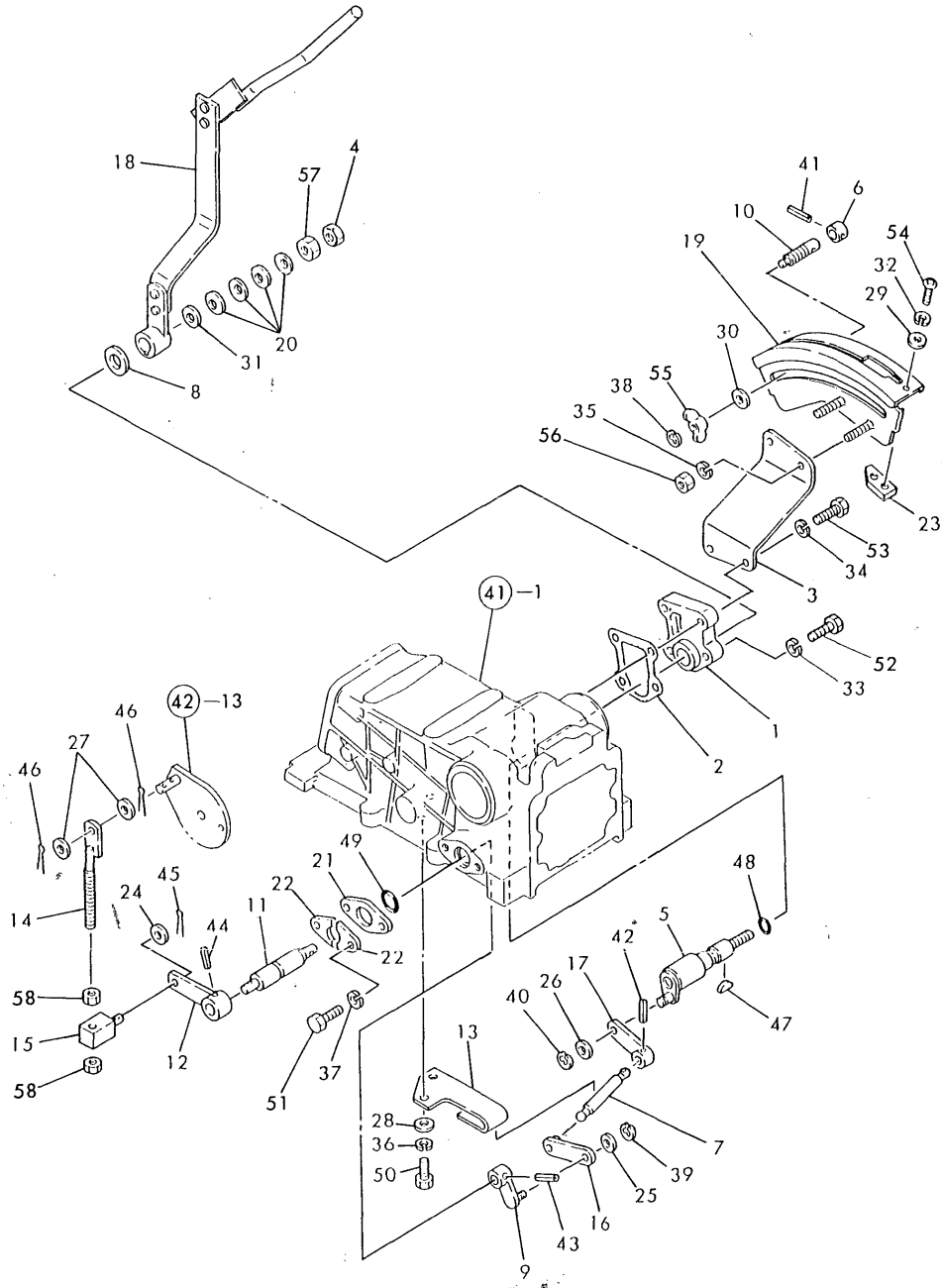
(A)=YM143-HK
(B)=YM143D-HK
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	194305-45101	VALVE ASSY, CONTROL	1	1						
2	2	194305-45120	BODY ASSY, VALVE	1	1						
8	3	23871-010000	PLUG, R01	2	2						
9	2	194170-45220	BAR, PUSH	1	1						
10	2	194170-45230	SPRING	2	2						
11	2	194170-45321	SPRING	1	1						
12	2	194170-45330	PLUG	1	1						
13	2	194170-45350	SPOOL	1	1						
14	2	194170-45360	SPRING	1	1						
15	2	194170-45370	PLUG	1	1						
16	2	194170-45430	RING, BACK UP	1	1						
17	2	194170-45440	PLUG	1	1						
18	2	198421-45440	HOLDER	1	1						
19	2	194170-45520	SPRING, SPOOL	1	1						
20	2	194170-45530	STOPPER, SPOOL	1	1						
21	2	194170-45550	BAR, SPOOL	1	1						
22	2	194170-45560	WASHER, 12X40X0.6	1	1						
23	2	24311-000050	O-RING, 1AP5.0	1	1						
24	2	24311-000100	O-RING, 1AP10.0	1	1						
25	2	24311-000120	O-RING, 1AP12.0	1	1						
26	2	24311-000120	O-RING, 1AP12.0	1	1						
27	2	24311-000140	O-RING, 1AP14.0	1	1						
28	2	24315-000070	O-RING, 1BP7.0	1	1						
29	2	24315-000110	O-RING, 1BP11.0	3	3						
30	2	26116-060142	BOLT, M6X 14 PLATED	1	1						
31	2	26756-060002	NUT, LOCK M6	1	1						
32	1	26450-080202	BOLT, M8X 20	3	3						

Fig.44. HYDRAULIC CONTROL

Fig. 44 HYDRAULIC CONTROL



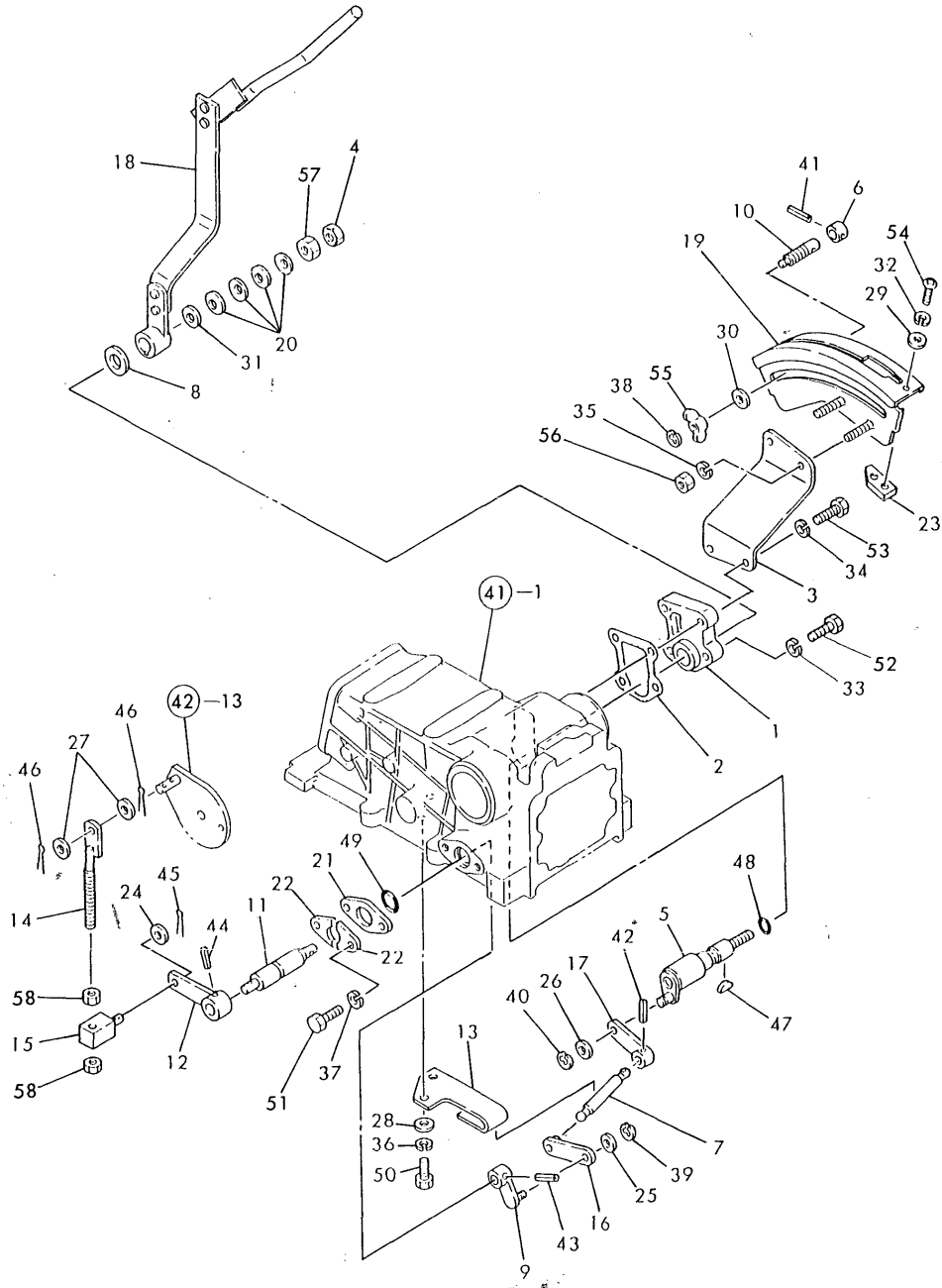
(A)=YM143-HK
(B)=YM143D-HK
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	194305-42210-X	CASE, CYLINDER	1	1						
2	1	194305-42221	GASKET, CASE	1	1						
3	1	194305-47110-X	BRACKET, CONTROL	1	1						
4	1	26756-120002	NUT, LOCK M12	1	1						
5	1	194305-47380	SHAFT, CONTROL	1	1						
6	1	194432-47390	STOPPER	1	1						
7	1	194208-47420	BAR, CONTROL	1	1						
8	1	194170-47440	PLATE, FRICTION	1	1						
9	1	194208-47440	LEVER, FEEDBACK	1	1						
10	1	194464-47440	BOLT, STOPPER	1	1						
11	1	194305-47450	SHAFT, FEEDBACK	1	1						
12	1	194405-47470	LEVER, FEEDBACK	1	1						
13	1	194305-47490	GUIDE, BAR	1	1						
14	1	194208-47510	ROD, FEEDBACK	1	1						
15	1	194208-47530	ADJUSTER	1	1						
16	1	194208-47550	BAR, CONNECT	1	1						
17	1	194208-47570	BAR, CONNECT	1	1						
18	1	194880-47610	LEVER, CONTROL	1	1						
19	1	194305-47710	GUIDE, LEVER	1	1						
20	1	194151-47760	WASHER, 12	4	4						
21	1	194208-47850	RETAINER, SEAL	1	1						
22	1	194208-47860	HOLDER, SHAFT	2	2						
23	1	194310-47870	STOPPER, B	1	1						
24	1	22117-080000	WASHER, 8	1	1						
25	1	22117-080000	WASHER, 8	1	1						
26	1	22117-080000	WASHER, 8	1	1						
27	1	22117-080000	WASHER, 8	2	2						
28	1	22117-080000	WASHER, 8	2	2						
29	1	22137-050000	WASHER, 5	2	2						
30	1	22137-080000	WASHER, 8	1	1						
31	1	22137-120000	WASHER, 12	1	1						
32	1	22217-050000	WASHER, SPRING 5	2	2						
33	1	22217-080000	WASHER, SPRING 8	2	2						
34	1	22217-080000	WASHER, SPRING 8	2	2						
35	1	22217-080000	WASHER, SPRING 8	2	2						
36	1	22217-080000	WASHER, SPRING 8	2	2						
37	1	22217-080000	WASHER, SPRING 8	2	2						
38	1	22272-000040	RING, E- 4	1	1						
39	1	22272-000060	RING, E- 6	1	1						
40	1	22272-000060	RING, E- 6	1	1						
41	1	22351-040014	PIN, SPRING 4.0X14	1	1						
42	1	22351-040016	PIN, SPRING 4.0X16	1	1						
43	1	22351-050020	PIN, SPRING 5.0X20	1	1						
44	1	22351-050025	PIN, SPRING 5.0X25	1	1						
45	1	22417-200160	PIN, COTTER 2.0X16	1	1						
46	1	22417-200160	PIN, COTTER 2.0X16	2	2						
47	1	22522-030130	KEY, WOODRUFF 3X13	1	1						
48	1	24311-000150	O-RING, 1AP15.0	1	1						
49	1	24311-000200	O-RING, 1AP20.0	1	1						
50	1	26116-080162	BOLT, M8X 16 PLATED	2	2						
51	1	26116-080202	BOLT, M8X 20 PLATED	2	2						

Fig.44. HYDRAULIC CONTROL

Fig. 44 HYDRAULIC CONTROL



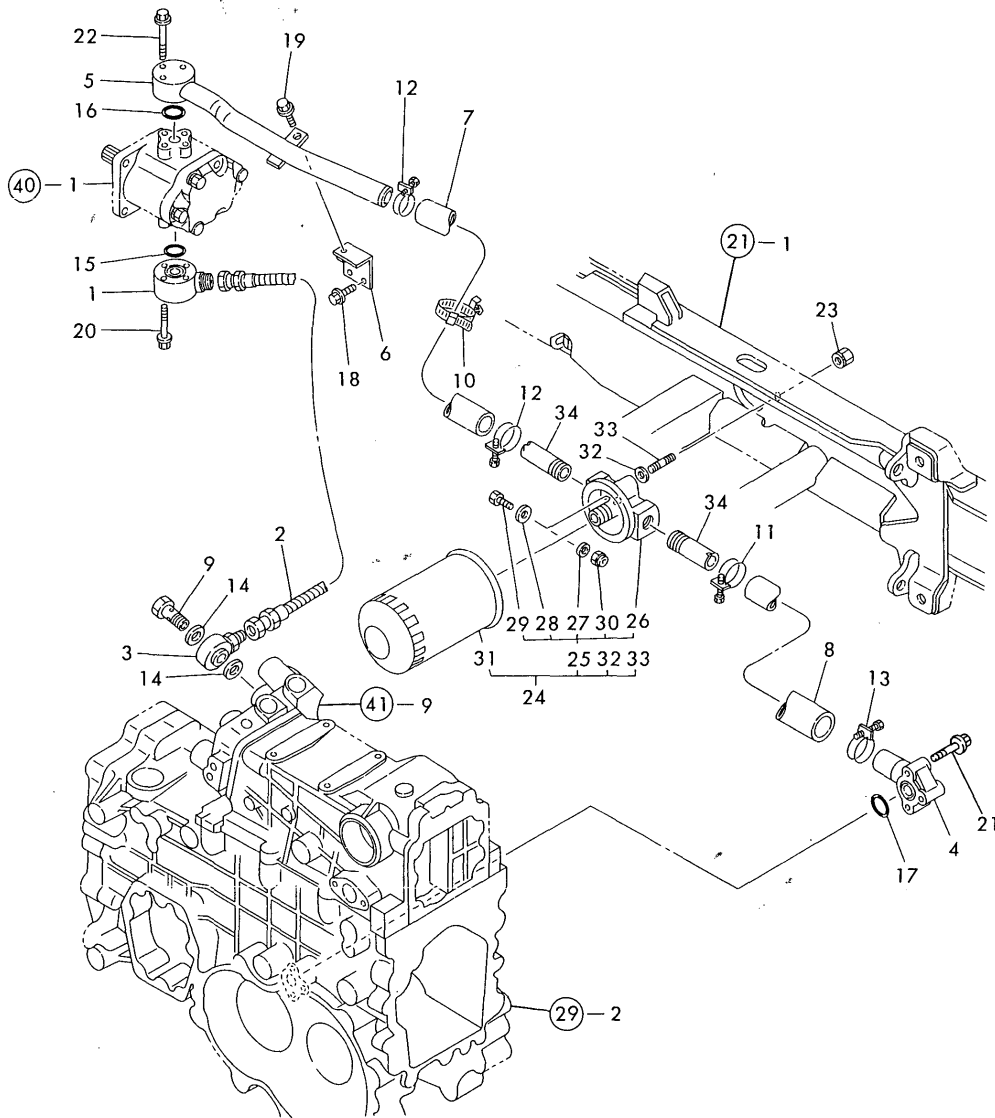
(A)=YM143-HK
(B)=YM143D-HK
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
52	1	26116-080252	BOLT, M8X 25 PLATED	2	2						
53	1	26116-080352	BOLT, M8X 35 PLATED	2	2						
54	1	26587-050102	SCREW, M5X10	2	2						
55	1	26636-080002	NUT, WING M8	1	1						
56	1	26716-080002	NUT, M8	2	2						
57	1	26716-120002	NUT, M12	1	1						
58	1	26756-080002	NUT, LOCK M8	2	2						

Fig.45. HYDRAULIC PIPES

Fig. 45 HYDRAULIC PIPES



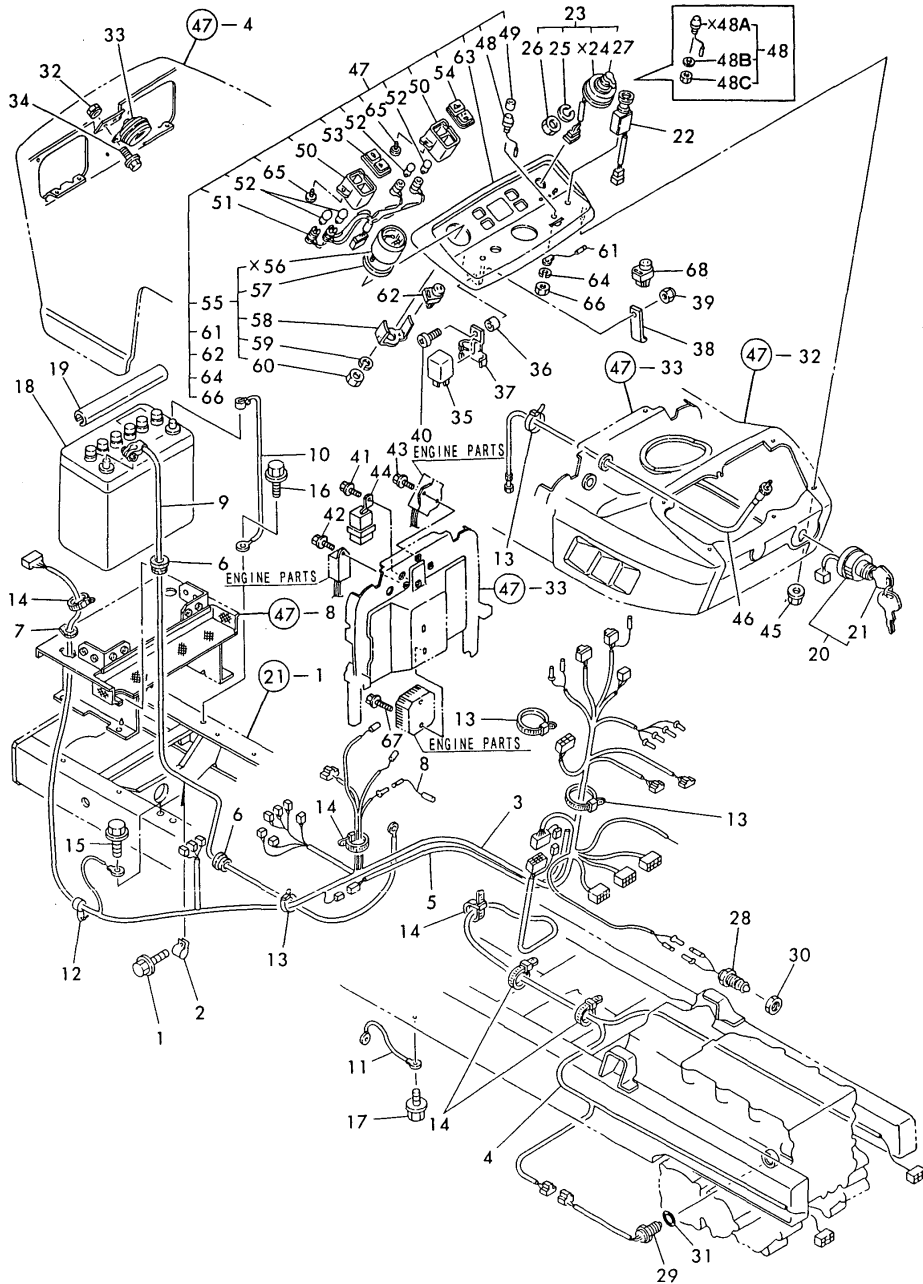
(A)=YM143-HK
(B)=YM143D-HK
(C)=

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

No.	Lev.	Parts No.	Description	Qty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	194860-48100-X	PIPE ASSY, PRESSURE	1	1						
2	1	194860-48140	HOSE, PRESSURE	1	1						
3	1	194880-48150-X	PIPE ASSY, PRESSURE	1	1						
4	1	194550-48190	BEND	1	1						
5	1	194860-48210-X	PIPE ASSY, PRESSURE	1	1						
6	1	194860-48220	BRACKET, PIPE	1	1						
7	1	194880-48250	HOSE, PRESSURE A	1	1						
8	1	194405-48260	HOSE, PRESSURE C	1	1						
9	1	194500-48750	BOLT ASSY, JOINT	1	1						
10	1	194680-51670	BAND, CLIP	1	1						
11	1	23010-035000	CLAMP, 35	1	1						
11-1	1	23010-032000	CLAMP, 32	1	1						R
(A=T/# 10008) (B=T/# 10005)											
12	1	23010-035000	CLAMP, 35		2	2					
12-1	1	23010-032000	CLAMP, 32		2	2					R
(A=T/# 10008) (B=T/# 10005)											
13	1	23010-040000	CLAMP, 40		1	1					
13-1	1	23010-037000	CLAMP, 37		1	1					R
(A=T/# 10008) (B=T/# 10005)											
14	1	23414-180023	GASKET, 18X1.0		2	2					
15	1	24311-000200	O-RING, 1AP20.0		1	1					
16	1	24311-000200	O-RING, 1AP20.0		1	1					
17	1	24311-000200	O-RING, 1AP20.0		1	1					
18	1	26106-060122	BOLT, M6X 12 PLATED		2	2					
19	1	26106-060122	BOLT, M6X 12 PLATED		1	1					
20	1	26106-060352	BOLT, M6X 35 PLATED		4	4					
21	1	26106-060402	BOLT, M6X 40 PLATED		3	3					
22	1	26106-060402	BOLT, M6X 40 PLATED		3	3					
23	1	194990-22050	NUT, M8		2	2					
24	1	794305-48301	FILTER ASSY, OIL		1	1					
25	2	194305-48300-X	COVER ASSY, FILTER		1	1					
26	3	194305-48310	COVER, FILTER		1	1					
27	3	194305-48320	VALVE		1	1					
28	3	194305-48330	BASE, VALVE		1	1					
29	3	26116-040122	BOLT, M4X 12 PLATED		1	1					
30	3	26347-040002	NUT, M4		1	1					
31	2	194464-48310	FILTER, HYDRAULIC		1	1					
32	2	194305-48350	WASHER, 8.4X2		1	1					
33	2	26216-080222	STUD, M8X 22		2	2					
34	1	194305-48370	JOINT, FILTER COVER		2	2					

Fig.46. ELECTRIC PARTS

Fig. 46 ELECTRIC PARTS



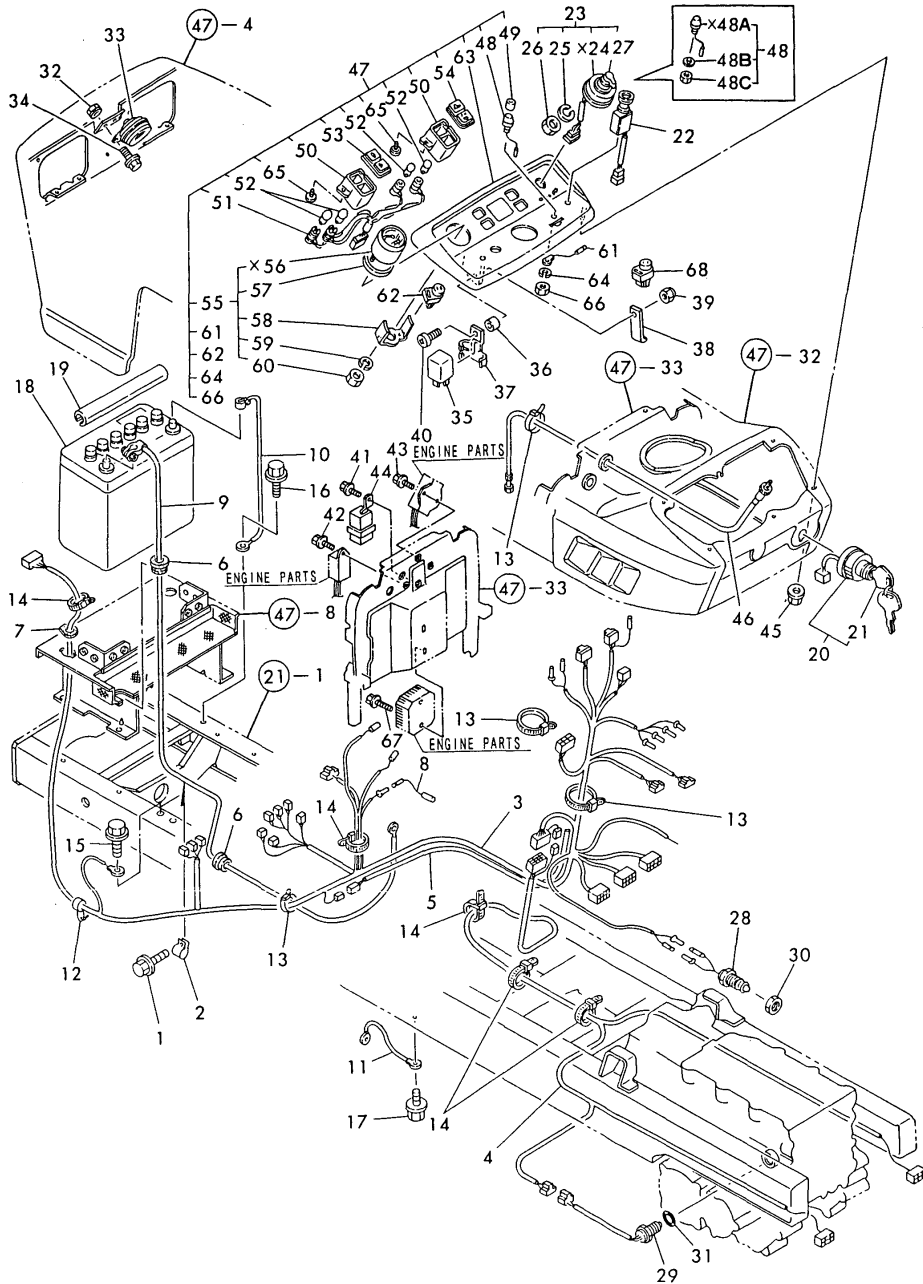
(A)=YM143-HK
(B)=YM143D-HK
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	26106-060122	BOLT, M6X 12 PLATED	1	1						
2	1	194450-48830	CLAMP	1	1						
3	1	194880-51110	HARNESS (A), WIRE	1	1						
4	1	194405-51122	HARNESS (B), WIRE	1	1						
5	1	194555-51200	HARNESS, WIRE	1	1						
6	1	194170-51210	GROMMET 25	2	2						
7	1	194305-51210	GROMMET, 25	1	1						
8	1	194550-51220	LINK, FUSIBLE 0.85	1	1						
9	1	194860-51410	CABLE, BATTERY	1	1						
10	1	194405-51420	CABLE, BATTERY EARTH	1	1						
11	1	194800-51430	CABLE, BATTERY EARTH	1	1						
12	1	194250-51650	CLAMP, SPEED 63	1	1						
13	1	194250-51660	BAND 250	4	4						
14	1	121750-59890	BAND, 140	5	5						
15	1	26106-080162	BOLT, M8X 16 PLATED	1	1						
16	1	26106-080162	BOLT, M8X 16 PLATED	1	1						
17	1	26106-100162	BOLT, M10X 16 PLATED	1	1						
18	1	194800-51510	BATTERY, 55B24R	1	1						
19	1	194440-51550	COVER, BATTERY	1	1						
20	1	194880-52110	SWITCH ASSY, STARTER	1	1						
21	2	194155-52160	KEY ASSY	1	1						
22	1	194420-52120	SWITCH, LIGHTING	1	1						
23	1	194170-52130	SWITCH, TURN SIGNAL	1	1						
25	2	194170-52150	WASHER, SWITCH	1	1						
26	2	194170-52160	NUT, RING	1	1						
27	2	194170-52170	LEVER, SWITCH	1	1						
28	1	194440-52191	SWITCH, SAFETY START	1	1						
29	1	194464-52190	SWITCH, SAFETY START	1	1						
30	1	194240-52210	NUT, M22	1	1						
31	1	24311-000180	O-RING, 1AP18.0	1	1						
32	1	194990-22040	NUT, M6	2	2						
33	1	194340-57100	HORN ASSY	1	1						
34	1	26106-060122	BOLT, M6X 12 PLATED	2	2						
35	1	194405-57200	RELAY, FLASHER	1	1						
36	1	194151-57210	SPACER	1	1						
37	1	194405-57210	PLATE, LOCK	1	1						
38	1	194405-57220	STAY, RELAY	1	1						
39	1	26346-050002	NUT, M5	1	1						
40	1	26557-050162	SCREW, M5X16	1	1						
41	1	26106-060122	BOLT, M6X 12 PLATED	1	1						
42	1	26106-060122	BOLT, M6X 12 PLATED	1	1						
43	1	26106-060122	BOLT, M6X 12 PLATED	2	2						
44	1	198220-52180	RELAY, STARTER	1	1						
45	1	194990-22120	NUT, M5	6	6						
46	1	194190-56900	CABLE ASSY, METER	1	1						
47	1	194880-61600	METER ASSY	1	1						
48	2	194150-52160	SWITCH, HORN	1	1						
48B	3	22217-080000	WASHER, SPRING 8	1	1						W
				(A=T/# 10008)	(B=T/# 10007)						
48C	3	26756-080002	NUT, LOCK M8	1	1						W
				(A=T/# 10008)	(B=T/# 10007)						

Fig.46. ELECTRIC PARTS

Fig. 46 ELECTRIC PARTS



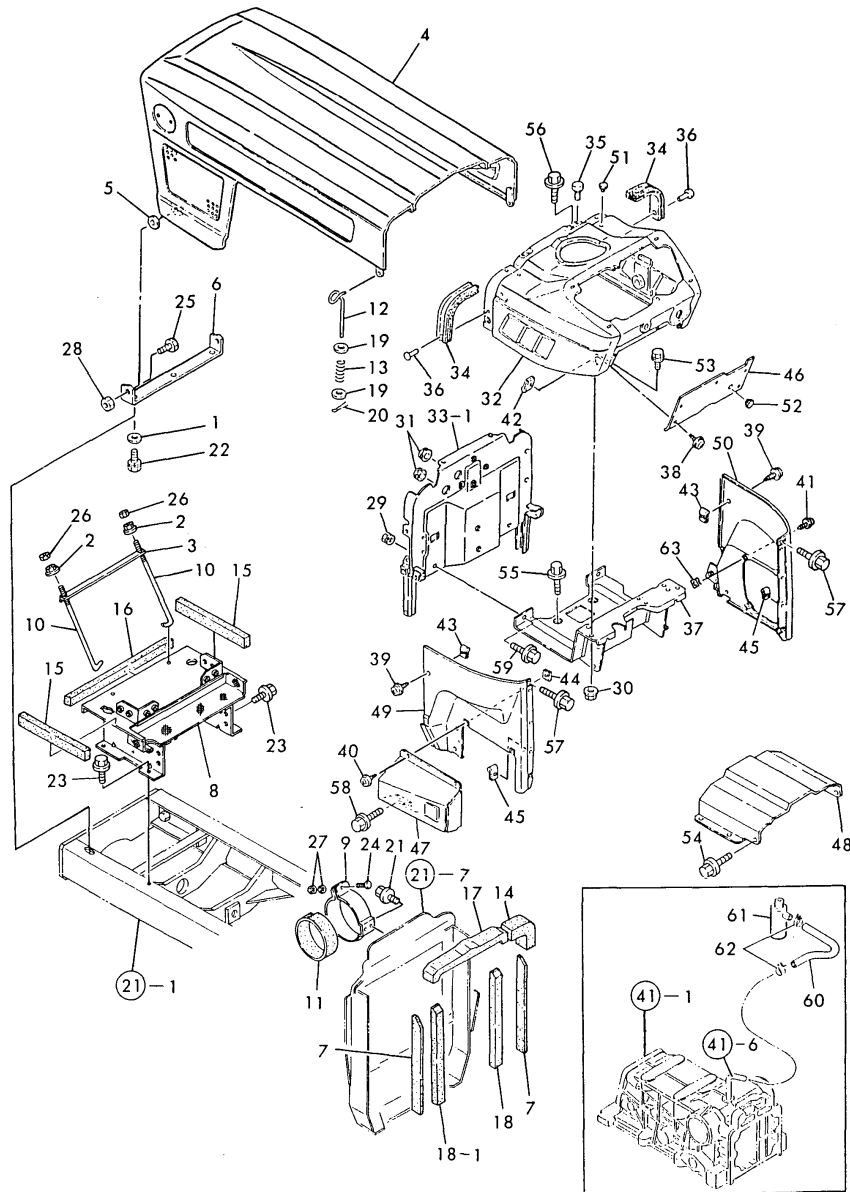
(A)=YM143-HK
(B)=YM143D-HK
(C)=

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

No.	Lev.	Parts No.	Description	Qty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
49	2	194150-52170	CAP. SWITCH	1	1						
50	2	194170-55120	BOX, PILOT	2	2						
51	2	194880-55130	CORD ASSY	1	1						
52	3	194155-55820	BULB, 12V1.7W	4	4						
53	2	194170-55150	LENS, PILOT	1	1						
54	2	194880-55160	LENS, PILOT	1	1						
55	2	194432-56100	METER ASSY, HOUR	1	1						
57	3	194432-56150	RUBBER, BASE	1	1						
58	3	194432-56170	WASHER	1	1						
59	3	22217-040000	WASHER, SPRING 4	2	2						
60	3	26716-040002	NUT, M4	2	2						
61	2	194432-56130	CORD	1	1						
62	2	194464-57250	RELAY, CHECK	1	1						
63	2	194405-61611	PANEL, DASHBOARD	1	1						
64	2	22217-080000	WASHER, SPRING 8	1	1						Z
(A=T/# 10008) (B=T/# 10007)											
65	2	22857-400120	SCREW, 4X12	4	4						
66	2	26716-080002	NUT, M8	1	1						Z
(A=T/# 10008) (B=T/# 10007)											
67	1	26106-060202	BOLT, M6X 20 PLATED	2	2						
68	1	194464-57250	RELAY, CHECK	1	1						W
(A=FROM 1ST) (B=FROM 1ST)											

Fig.47. HOOD

Fig. 47 HOOD



(A)=YM143-HK
(B)=YM143D-HK
(C)=

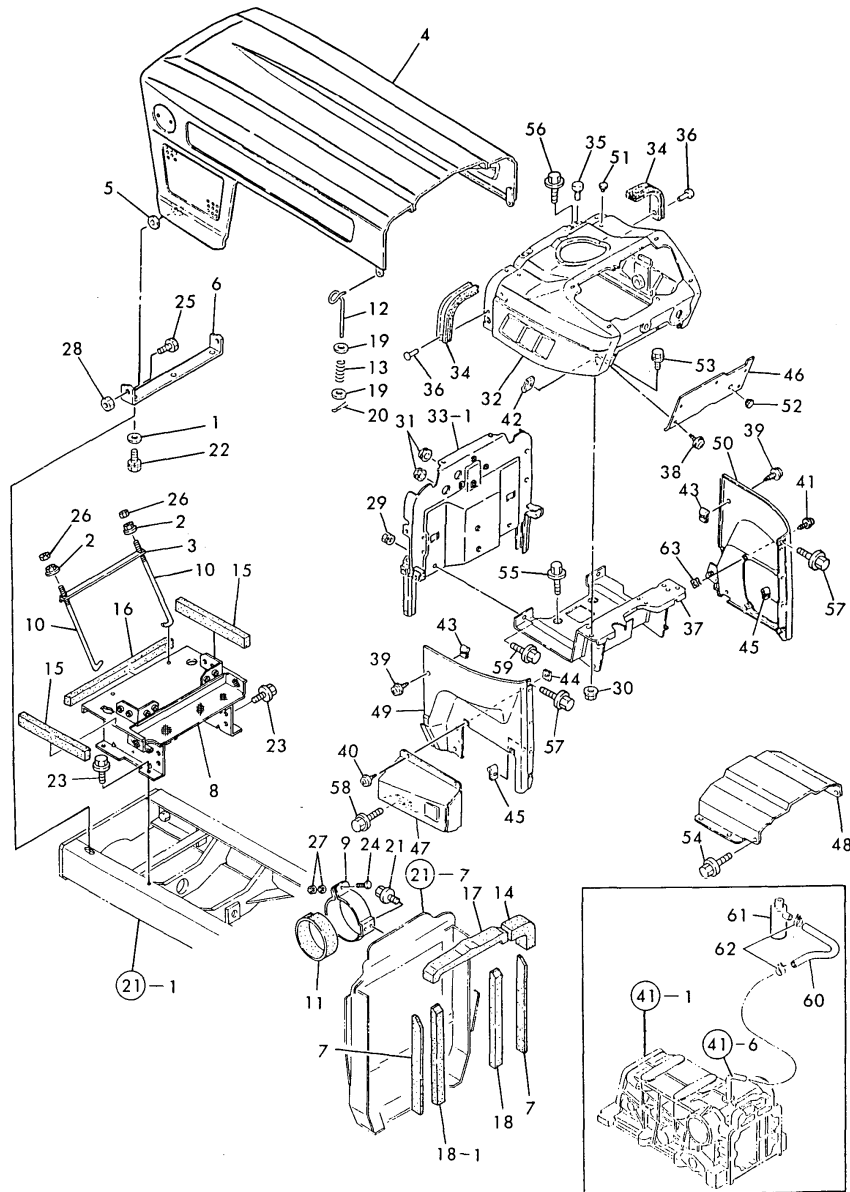
(D)=
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	194145-04810	WASHER 10	2	2						
2	1	194990-22130	NUT, M6	2	2						
3	1	194305-58110-U	CLAMP, BATTERY	1	1						
4	1	194880-61100-S	BONNET ASSY	1	1						
5	1	194190-61250	GASKET	2	2						
6	1	194305-61321-X	HINGE, BONNET	1	1						
7	1	194275-61450	PAD, RUBBER	2	2						Z
		(A=FROM 1ST) (B=FROM 1ST)									
8	1	194880-61700-X	COVER ASSY, DUST	1	1						
9	1	194197-61731	CLAMP, AIR CLEANER	1	1						
10	1	194440-61741	ROD, BATTERY CLAMP	2	2						
11	1	194440-61750	FELT, AIR CLEANER	1	1						
12	1	194440-61820	LEVER, BONNET LOCK	2	2						
13	1	194440-61831	SPRING, HOOD LOCK	2	2						
14	1	194305-61920	PAD, CS40X35X155	1	1						
15	1	194305-61930	PAD, CS20X30X240	2	2						
16	1	194432-61940	PAD, RUBBER	1	1						
17	1	194446-61940	PAD, RUBBER	1	1						
18	1	194880-61450	PAD, RUBBER	1	1						
18-1	1	194880-61450	PAD, RUBBER	2	2						K
		(A=FROM 1ST) (B=FROM 1ST)									
19	1	22157-060000	WASHER, 6	4	4						
20	1	22417-200300	PIN, COTTER 2.0X30	2	2						
21	1	26016-080122	BOLT, M8X 12	2	2						
21-1	1	26106-080122	BOLT, M8X 12 PLATED	2	2						N
		(A=FROM 1ST) (B=FROM 1ST)									
22	1	26106-100202	BOLT, M10X 20 PLATED	2	2						
23	1	26106-080162	BOLT, M8X 16 PLATED	8	8						
24	1	26106-080402	BOLT, M8X 40 PLATED	1	1						
25	1	26116-120252	BOLT, M12X 25 PLATED	2	2						
26	1	26716-060002	NUT, M6	2	2						
27	1	26716-080002	NUT, M8	2	2						
28	1	26716-120002	NUT, M12	2	2						
29	1	194990-22050	NUT, M8	2	2						
30	1	194990-22140	NUT, M8	2	2						
31	1	194162-58830	GROMMET, 20	2	2						
32	1	194405-61501-S	DASHBOARD ASSY	1	1						
33-1	1	194880-61550	PLATE ASSY, AIR CUT	1	1						
34	1	194440-61550	GASKET, BONNET	2	2						
35	1	194145-61560	RUBBER, ABSORBER	2	2						
36	1	194190-61560	RIVET, 5X6	4	4						
37	1	194305-61611-X	STAY ASSY, DASHBOARD	1	1						
38	1	194420-61640	SCREW, TAPPING M5X16	5	5						
39	1	194420-61640	SCREW, TAPPING M5X16	4	4						
40	1	194420-61640	SCREW, TAPPING M5X16	2	2						
41	1	194420-61640	SCREW, TAPPING M5X16	4	4						
42	1	194145-61650	NUT, SPEED M5	5	5						
43	1	194145-61650	NUT, SPEED M5	4	4						
44	1	194145-61650	NUT, SPEED M5	2	2						
45	1	194145-61650	NUT, SPEED M5	6	6						
46	1	194305-61681-S	COVER, DASHBOARD	1	1						

Remarks
(M) MISPRINT.

Fig.47. HOOD

Fig. 47 HOOD



(A)=YM143-HK
(B)=YM143D-HK
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
47	1	194305-61771-S	GUARD ASSY, FOOT	1	1						
48	1	194405-61810-X	COVER ASSY, MISSION	1	1						
49	1	194305-61860-S	COVER ASSY, SIDE L	1	1						
50	1	194305-61870-S	COVER ASSY, SIDE R	1	1						
51	1	194324-62310	CAP, RUBBER 4.5	4	4						
52	1	194145-64430	GROMMET, 12	1	1						
53	1	26106-080162	BOLT, M8X 16 PLATED	2	2						
54	1	26106-080122	BOLT, M8X 12 PLATED	6	6						
55	1	26106-080162	BOLT, M8X 16 PLATED	4	4						
56	1	26106-060122	BOLT, M6X 12 PLATED	4	4						
57	1	26106-060122	BOLT, M6X 12 PLATED	4	4						
58	1	26106-080162	BOLT, M8X 16 PLATED	2	2						
59	1	26106-080162	BOLT, M8X 16 PLATED	2	2						
60	1	194515-62450	PIPE, AIR BREATHER	1	1						
61	1	194205-63550	BREATHER, AIR	1	1						
62	1	23080-012000	CLAMP, 12	2	2						
63	1	194145-61650	NUT, SPEED M5	4	4						W

(A)=FROM 1ST) (B)=FROM 1ST)

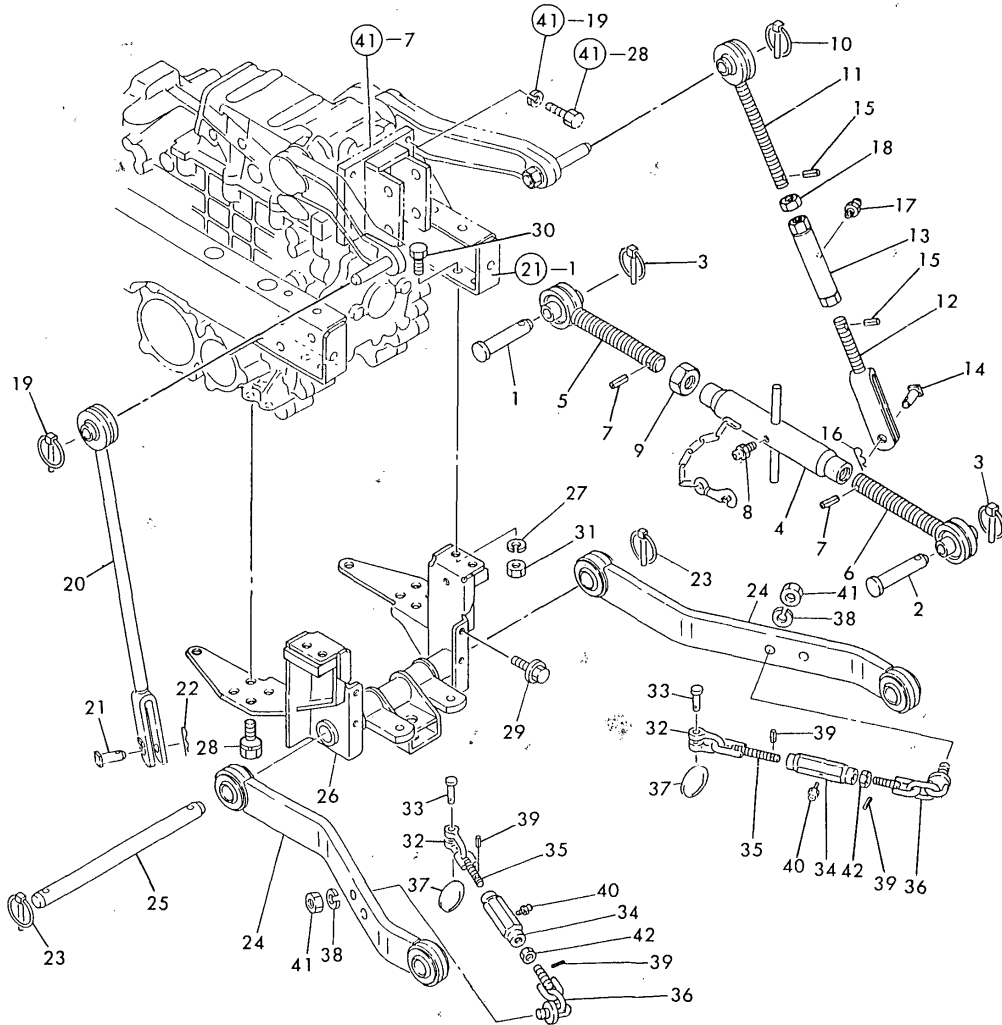
Remarks
(M) MISPRINT.

Fig.48. THREE-POINT HITCH

(A)=YM143-HK
(B)=YM143D-HK
(C)=

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

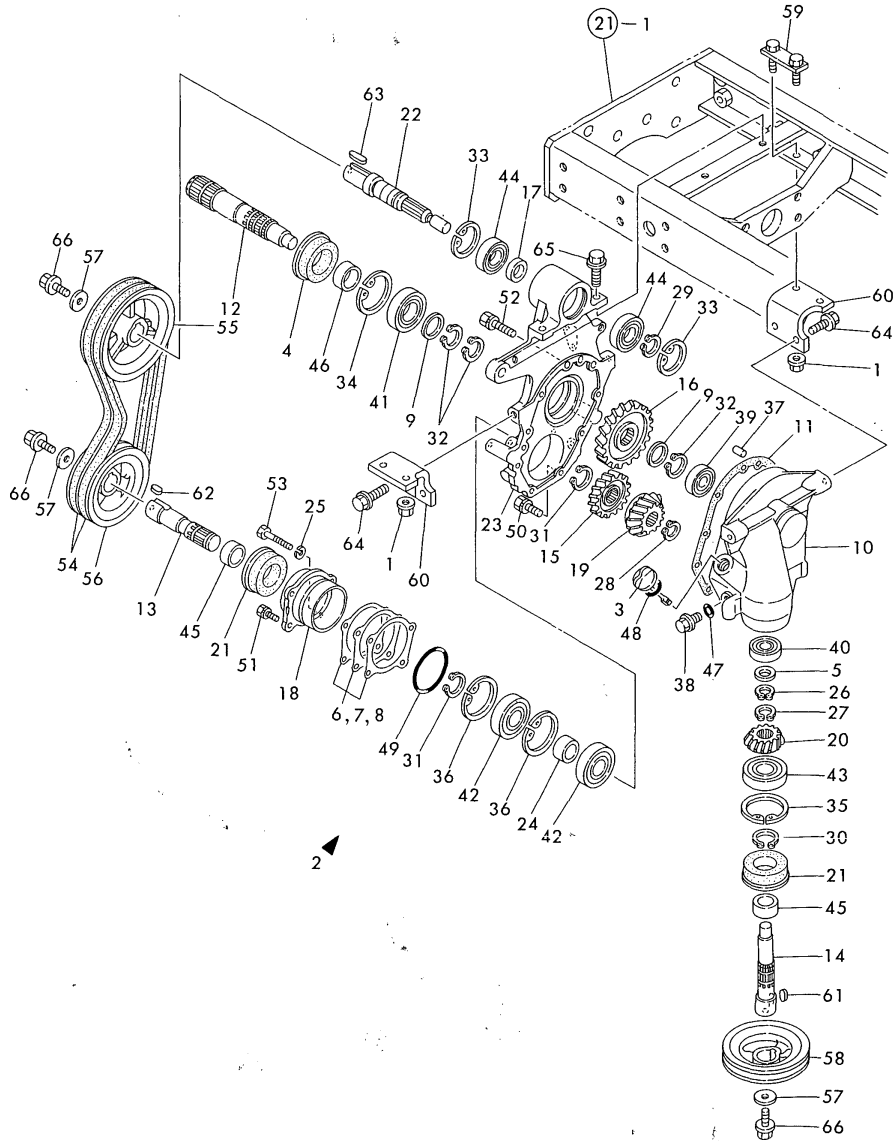
Fig. 48 THREE-POINT HITCH



No.	Lev.	Parts No.	Description	Qty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	195080-15060	PIN, HITCH	1	1						
2	1	194150-71230	PIN, LINK	1	1						
3	1	794130-71410	PIN ASSY, BALL	2	2						
4	1	194446-71500	TURNBUCKLE	1	1						
5	1	194446-71600-X	LINK ASSY, TOP R	1	1						
6	1	194446-71700-X	LINK ASSY, TOP L	1	1						
7	1	22351-040024	PIN, SPRING 4.0X24	2	2						
8	1	24761-010000	NIPPLE, GREASE M6F	1	1						
9	1	26756-240002	NUT, LOCK M24	1	1						
10	1	794130-71410	PIN ASSY, BALL	1	1						
11	1	194305-72200-X	BOLT ASSY, EYE	1	1						
12	1	194305-72220-X	YOKE, LIFT LINK	1	1						
13	1	194305-72240-X	TURNBUCKLE	1	1						
14	1	194145-72550	PIN, LIFT YOKE	1	1						
15	1	22351-040020	PIN, SPRING 4.0X20	2	2						
16	1	22360-140000	PIN, SNAP 14	1	1						
16-1	1	22372-140000	PIN, SNAP 14	1	1						R
(A=T/# 10007) (B=T/# 10003)											
17	1	24761-010000	NIPPLE, GREASE M6F	1	1						
18	1	26756-180002	NUT, LOCK M18	1	1						
19	1	794130-71410	PIN ASSY, BALL	1	1						
20	1	194305-72300-X	LINK ASSY, LIFT L	1	1						
21	1	194145-72550	PIN, LIFT YOKE	1	1						
22	1	22360-140000	PIN, SNAP 14	1	1						
22-1	1	22372-140000	PIN, SNAP 14	1	1						R
(A=T/# 10007) (B=T/# 10003)											
23	1	794130-71410	PIN ASSY, BALL	2	2						
24	1	194305-73101	LINK ASSY, LOWER	2	2						
25	1	194305-73150-U	PIN, HINGE	1	1						
26	1	194305-73201-X	BRACKET ASSY, LINK	1	1						
27	1	22217-120000	WASHER, SPRING 12	4	4						
28	1	26013-120302	BOLT, M12X 30	6	6						
29	1	26106-060122	BOLT, M6X 12 PLATED	6	6						Z
(A=FROM 1ST) (B=FROM 1ST)											
30	1	26116-120252	BOLT, M12X 25 PLATED	4	4						
31	1	26716-120002	NUT, M12	4	4						
32	1	194080-74621-U	SHACKLE, SA10	2	2						
33	1	194080-74631	PIN, SHACKLE SA10	2	2						
34	1	194286-74680-U	TURNBUCKLE, CHAIN	2	2						
35	1	194286-74720-U	BOLT, EYE	2	2						
36	1	194292-74800-U	CHAIN ASSY, CHECK R	2	2						
37	1	194145-75250	RING, STOPPER	2	2						
38	1	22217-140000	WASHER, SPRING 14	2	2						
39	1	22351-040014	PIN, SPRING 4.0X14	4	4						
40	1	24761-010000	NIPPLE, GREASE M6F	2	2						
41	1	26716-140002	NUT, M14	2	2						
42	1	26756-140002	NUT, LOCK M14	2	2						

Fig.49. FRONT P.T.O.

Fig. 49 FRONT P.T.O.



(A)=YM143-HK
(B)=YM143D-HK
(C)=

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

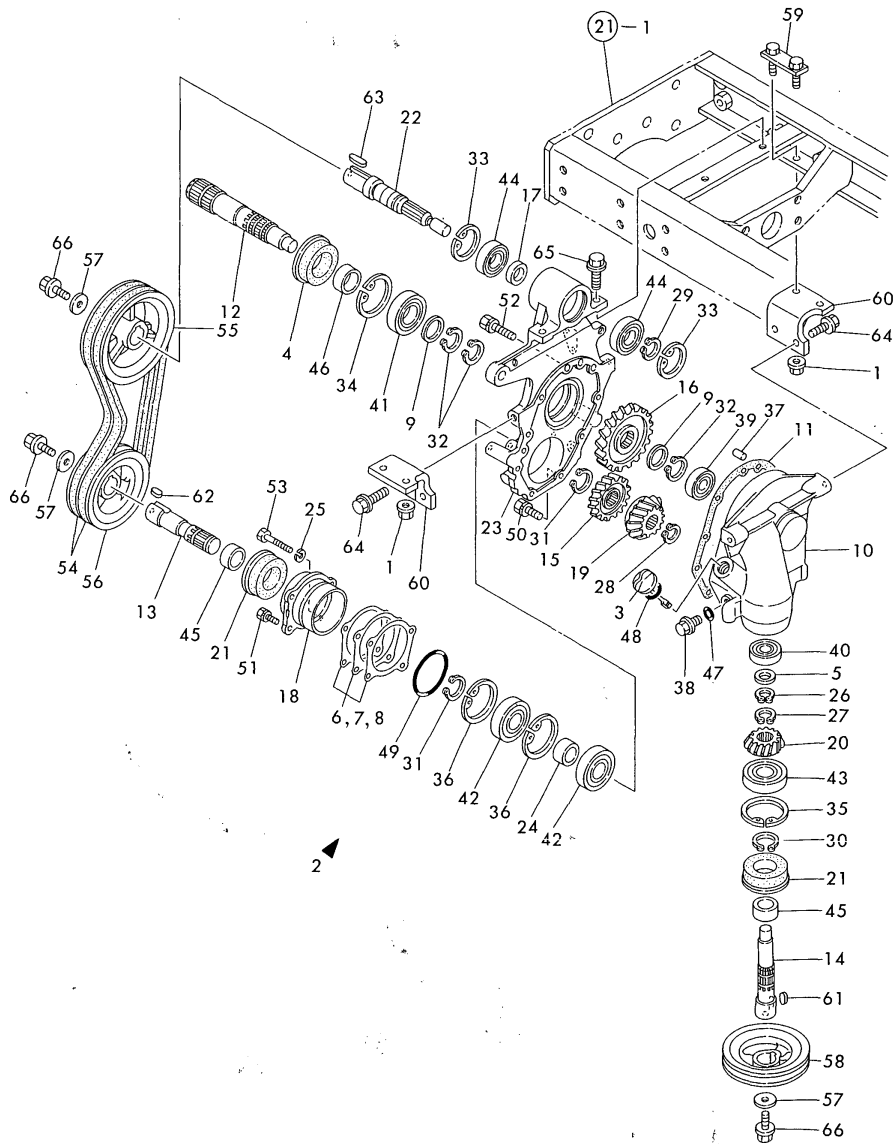
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	194990-22150	NUT, M10	4	4						
2	1	194880-83010-X	CASE ASSY, FRONT PTO	1	1						
3	2	194311-13630	PLUG, 20	1	1						
4	2	1C6320-24370	SEAL TCFY 35 62 12.3	1	1						
5	2	194312-25270	SPACER, 20X30X1.6	1	1						
6	2	194190-25270	SHIM, T=0.2	2	2						1
7	2	194190-25280	SHIM, T=0.3	2	2						1
8	2	194190-25290	SHIM, T=0.5	2	2						1
9	2	194312-25470	SPACER, 30X40X2	2	2						
10	2	194405-83112	CASE, FRONT GEAR	1	1						
11	2	194405-83132	GASKET, CASE	1	1						
12	2	194405-83142	SHAFT, FRONT PTO	1	1						
13	2	194115-83150	SHAFT, PTO DRIVE	1	1						
14	2	194405-83161	SHAFT, DRIVE	1	1						
15	2	194405-83171	PINION, DRIVE	1	1						
16	2	194405-83180	GEAR, PTO DRIVE	1	1						
17	2	194115-83190	COLLAR, 27.6X34X21.5	1	1						
18	2	194405-83191	RETAINER, SHAFT	1	1						
19	2	194405-83213	GEAR, BEVEL 25T	1	1						
20	2	194405-83224	GEAR, BEVEL DRIVEN	1	1						
21	2	194405-83281	SEAL, OIL TCFY306214	2	2						
22	2	194880-83280	SHAFT, MAIN DRIVE	1	1						
23	2	194880-83310	COVER, CASE	1	1						
24	2	194405-83710	COLLAR, 27.6X34X15	1	1						
25	2	22217-080000	WASHER, SPRING 8	1	1						
26	2	22242-000200	RING, 20	1	1						
27	2	22242-000240	RING, 24	1	1						
28	2	22242-000240	RING, 24	1	1						
29	2	22242-000250	RING, 25	1	1						
30	2	22242-000290	RING, 29	1	1						
31	2	22242-000290	RING, 29	2	2						
32	2	22242-000290	RING, 29	3	3						
33	2	22252-000520	RING, 52	2	2						
34	2	22252-000620	RING, 62	1	1						
35	2	22252-000620	RING, 62	1	1						
36	2	22252-000620	RING, 62	2	2						
37	2	22312-080180	PIN, PARALLEL M8X18	2	2						
38	2	23491-140002	PLUG, 14	1	1						
39	2	24101-062044	BEARING, BALL 6204	1	1						
40	2	24101-062044	BEARING, BALL 6204	1	1						
41	2	24101-062064	BEARING, BALL 6206	1	1						
42	2	24101-063054	BEARING, BALL 6305	2	2						
43	2	24101-063054	BEARING, BALL 6305	1	1						
44	2	24104-062054	BEARING, BALL 6205UU	2	2						
45	2	24163-250160	RING, INNER 253016	2	2						
46	2	24163-305170	RING, INNER 303517	1	1						
47	2	24311-000160	O-RING, 1AP16.0	1	1						
48	2	24311-000220	O-RING, 1AP22.0	1	1						
49	2	24321-000700	O-RING, 1AG70.0	1	1						
50	2	26013-080202	BOLT, M8X 20	7	7						
51	2	26013-080202	BOLT, M8X 20	3	3						

Remarks

(1) USE THE PROPER PART BY CAREFULLY CHOOSING.

Fig.49. FRONT P.T.O.

Fig. 49 FRONT P.T.O.



(A)=YM143-HK
(B)=YM143D-HK
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
52	2	26013-080452	BOLT, M8X 45	1	1						
53	2	26116-080552	BOLT, M8X 55 PLATED	1	1						
54	1	194405-83231	V-BELT, B37.5	2	2						
55	1	194115-83250	PULLEY, D150.5 2GV	1	1						
56	1	194115-83260	PULLEY, D130 2GV	1	1						
57	1	194800-83260	WASHER, 11X37X6.0	3	3						
58	1	194405-83290	PULLEY, D130	1	1						
59	1	194115-83311	BOLT, M10	2	2						
60	1	194880-83330	STAY, FRONT PTO CASE	2	2						
61	1	22512-070200	KEY, 7X 20	1	1						
62	1	22512-070260	KEY, 7X 26	1	1						
63	1	22512-070380	KEY, 7X 38	1	1						
64	1	26106-100252	BOLT, M10X 25 PLATED	4	4						
65	1	26106-100252	BOLT, M10X 25 PLATED	2	2						
66	1	26106-100252	BOLT, M10X 25 PLATED	3	3						

A series of horizontal lines provided for additional notes or remarks related to the parts list.

Remarks
(1) USE THE PROPER PART BY CAREFULLY CHOOSING.

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102103-55520	12	6
104200-55321	12	2
104200-55330	12	3
104200-55750	12	13
104200-59170	12	23
	17	28
104264-59030	12	18
		21
105010-11230	4	33
		37
105025-59550	11	86
105225-22400	8	24
105546-51330	11	29
105582-59150	12	22
105840-67300	5	16
106430-59560	12	20
110250-53410	41	58
110250-53430	41	59
110250-55610	12	7
114250-11120	4	13
114250-11180	4	14
114250-11190	4	15
114250-53130	11	56
114250-53400	11	58
119000-77230	15	10
119000-77711	16	3
119225-01340	1	21
	17	17
119225-13150	6	7
119225-14200	7	8
119225-34810	1	28
119225-35300	9	14
119225-42020	10	12
	17	27
119225-42051	10	4
119225-42120	10	5
119225-51100	11	4
119225-51300	11	26
119225-59810	11	70
119256-03730	5	11
119256-03740	5	12
119256-03760	5	13
119256-11350	5	1
119256-44760	10	17
119259-01610	3	1
119259-07900	4	2
119259-12200	6	19
119259-13120	6	5

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119259-13500	6	15
119259-21590	8	8
119259-42000	10	1
119259-44500	10	26
119259-44540	10	27 A
119259-44570	10	27
119259-49010	10	39
119259-49020	10	40
119259-66900	13	96
119259-77200	15	1
119259-77210	15	6
119259-77220	15	9
119259-77230	15	14
119259-77240	15	11
119259-77250	15	12
119259-77330	15	18
119259-77340	15	15
119260-01200	1	20
119260-01510	2	4
119260-02020	1	10
119260-02410	1	19
119260-03020	5	6
119260-03031	5	7
	17	19
119260-07900	4	1
119260-11100	4	11
119260-11110	4	12
119260-11200	4	27
119260-11240	4	28
119260-11260	4	39
119260-11270	4	40
119260-11280	4	41
119260-11310	5	10
	17	20
119260-11340	4	16
	17	21
119260-11370	4	17
119260-11800	4	24
119260-13110	6	8
	17	25
119260-13202	6	6
	17	26
119260-14100	7	4
119260-14200	7	6
119260-14400	7	7
119260-14580	7	1
119260-21200	8	3
119260-22300	8	23
119260-23200	8	34
119260-23910	8	37

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119260-25100	7	15
119260-25900	7	12
119260-32000	9	1
119260-34810	1	29
119260-49530	10	19
119260-49800	10	20
119260-59520	11	84
119260-59530	11	85
119260-59820	11	74
119260-59830	11	78
119260-66580	13	64
119263-01590	2	11
119263-26000	2	28
119270-12100	6	2
119270-12110	6	1
	17	24
119270-22091	8	15
119305-35150	9	13
119454-01721	3	14
119462-01770	3	10
119462-21650	8	12
119462-35080	9	23
119462-59190	12	24
119600-11450	4	21
	17	22
119600-11460	4	22
	17	23
119600-52021	11	47
119600-61100	13	3
119600-61200	13	4
119600-61520	13	39
119600-61540	13	41
119600-61900	13	47
119600-66020	13	58
119600-66521	13	67
119600-66681	13	68
119600-66720	13	69
119600-66840	13	95
119610-61200	13	13
119620-01620	3	5
119620-01800	2	13
	17	4
119620-01950	2	16
	17	5
119620-02450	7	5
119620-11350	4	19
119620-21941	8	14
119620-25912	7	20
119620-34822	1	30
119620-42350	10	15

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119620-51180	11	8
119620-51190	11	9
119620-51250	11	14
119620-51340	11	30
119620-51350	11	31
119620-51370	11	32
119620-51450	11	33
119620-51461	11	34
119620-51510	11	36
119620-51650	11	38
119620-51660	11	39
119620-51670	11	40
119620-51680	11	41
119620-51700	11	10
119620-53000	11	50
119620-53080	11	53
119620-53120	11	55
119620-53140	11	57
119620-59700	11	89
119621-21680	8	13
119621-66051	13	59
119621-66091	13	49
119629-49080	10	44
119629-59910	12	15
119629-66510	13	61
119642-59540	11	82
119642-59550	11	87
119642-59570	11	88
119645-77820	16	2
119650-59010	12	16
119656-03800	5	15
119656-42291	10	14
119656-61500	13	26
119656-66910	2	40
119660-01551	2	9
119660-01562	2	10
	17	2
119660-01570	2	7
119660-01640	3	6
119660-01911	2	14
119660-25022	7	13
119660-25052	7	14
119660-32020	9	11
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119660-51500	11	35
119660-51530	11	37
119660-61013	13	15
119660-61052	13	16
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119660-61071	13	2
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119660-61121	13	10
119660-61140	13	11
119660-61150	13	12
119660-61300	13	8
119660-61341	13	9
119660-61460	13	17
119660-61491	13	25
119660-61512	13	38
119660-61651	13	42
119660-61901	13	48
119660-66072	13	51
119807-26010	40	1
119810-55340	12	4
119810-55700	12	12
119840-61870	13	56
119859-55600	12	1
119860-12500	6	20
119860-12510	6	21
119860-12540	6	22
119860-12550	6	24
119860-12560	6	25
119865-77011	14	1
121111-21501	8	7
121250-03783	5	14
121250-44590	10	27 B
121250-44901	10	47
121250-55600	12	14 A
121254-55510	12	5
121267-49500	10	46
121450-01560	2	5
		27
121450-42450	10	24
121450-44531	10	30
121450-61520	13	40
121468-44510	10	28
121468-44540	10	33
121470-44581	10	34
121520-01851	11	93
	17	33
121550-49111	1	26
121575-66830	13	94
121579-44580	10	35
121750-59890	46	14
121850-11860	4	8
124060-01050	1	4
124060-21600	8	11
124066-59100	11	83

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124160-01751	2	25
	5	4
124160-11360	5	21
124160-39450	1	25
124190-11080	4	26
124190-11090	4	25
124240-01883	2	31
	17	34
124250-03640	13	114
124450-44560	10	31
124450-44740	10	16
124465-44950	10	25
		48
	17	31
124550-59820	11	91
124550-66370	13	60
124550-77030	14	24
124574-12550	6	26
124756-67510	13	99
124766-59050	12	19
	19	13
		20
124772-66750	13	93
124936-59090	10	27 C
124950-21230	8	10
129054-01640	3	12
129100-01580	3	2
	8	6
129100-61460	13	62
129100-61930	13	57
129107-13550	6	16
	17	16
129150-12520	6	23
129150-35350	9	22
129150-49080	10	42
129150-59120	11	66
129150-59130	11	69
129150-91400	2	36
129155-51280	13	14
	17	8
129155-61480	13	20
129155-61580	13	71
129155-61590	13	72
129155-61830	11	65
	17	29
129155-77801	16	1
129155-77810	16	4
129155-77920	16	5

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129350-26490	2	30
129400-92400	17	36
129550-49090	10	45
129550-49100	10	41
129555-61800	13	74
129795-67310	13	98
135210-61090	13	116
172112-41980	32	29
172732-25750	37	8
174307-51700	13	27
178070-10400	40	12
194080-15420	27	15
194080-15430	27	16
194080-15440	27	17
194080-15450	27	18
194080-15460	27	19
194080-37781	38	28
	39	7
194080-74621-U	48	32
194080-74631	48	33
194115-11230	21	5
194115-11240	21	6
194115-13210	21	21
194115-15100	27	1
194115-15110	27	2
194115-15140	27	3
194115-15250	27	6
194115-15500	27	22
194115-15610	27	32
194115-16120	27	41
194115-16130	27	42
194115-24230	37	6
194115-26110	31	3
194115-26610	31	13
194115-27700	33	18
194115-27720	33	20
194115-33160	36	17
194115-34190	37	24
194115-34760	37	16
194115-36611	38	2
194115-36650	38	3
194115-36660	38	5
194115-36710	38	6
194115-36720	38	7
194115-36810	38	8
194115-36820	38	9
194115-37740	39	5
194115-44510	42	13
194115-83120	20	5

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194115-83190	49	17
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194115-83250	49	55
194115-83260	49	56
194115-83311	49	59
194115-83390	20	18
194115-83451	20	21
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