



# YAMAHA

## PARTS CATALOGUE

### XJ750MK (33N)

## MODEL YEAR 1983

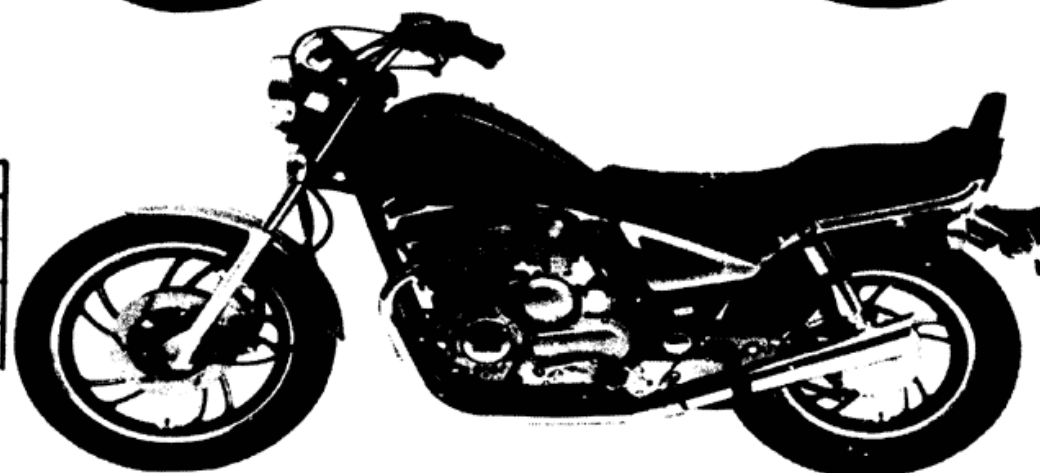
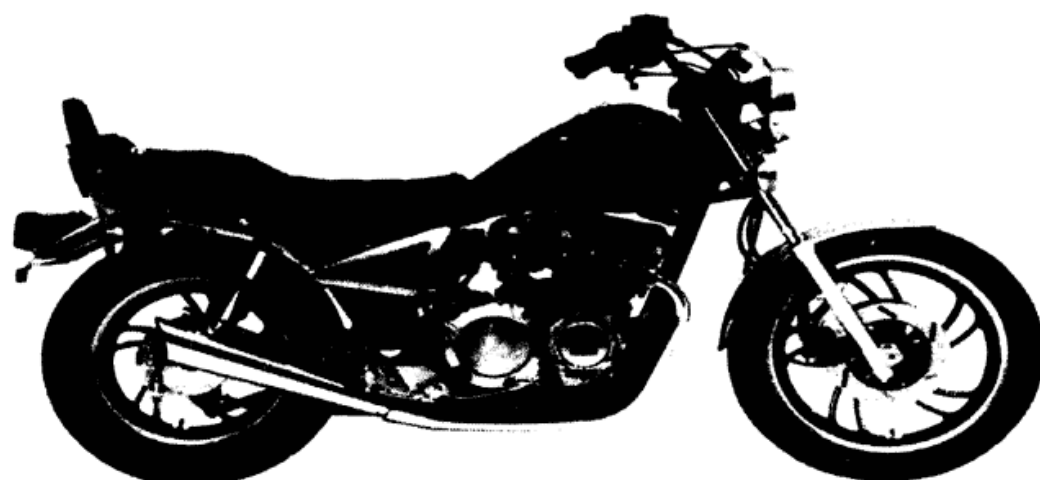
Initial Serial No. and Color Code

A) Frame Serial No.	22R-100101 and following
B) Engine Serial No.	22R-100101 and following

PUBLICATION	PART NUMBER	REMARKS
OWNER'S MANUAL	LIT-11626-03-95	
SERVICE MANUAL	LIT-11616-03-95	SUPPLEMENT TO XJ750K (03-39)
ASSEMBLY MANUAL	LIT-11666-03-95	SUPPLEMENT TO B.A.M. (03-85)
CONSUMER MANUAL	LIT-11656-03-95	

MODEL - 10M L.S. NUMBER	XJ750MK	33N
Initial Engine Number / Frame Number	22R-100101 / JYA22R001	DA100101
Fuel Type/Total Fuel Tank Capacity/Reserve Cap.	Regular / 17 Lit. / 3.5 Lit.	

ENGINE TYPE	4-Stroke, DOHC, Parallel Four
Bore/Stroke/Number Cylinders/Displacement	65mm / 56.4mm / 4 / 748cc
Compression Ratio/Compression Pressure Min~Max	9.2:1 / 8.0 ~ 11.0 kg/cm <sup>2</sup>



## CYLINDER HEAD

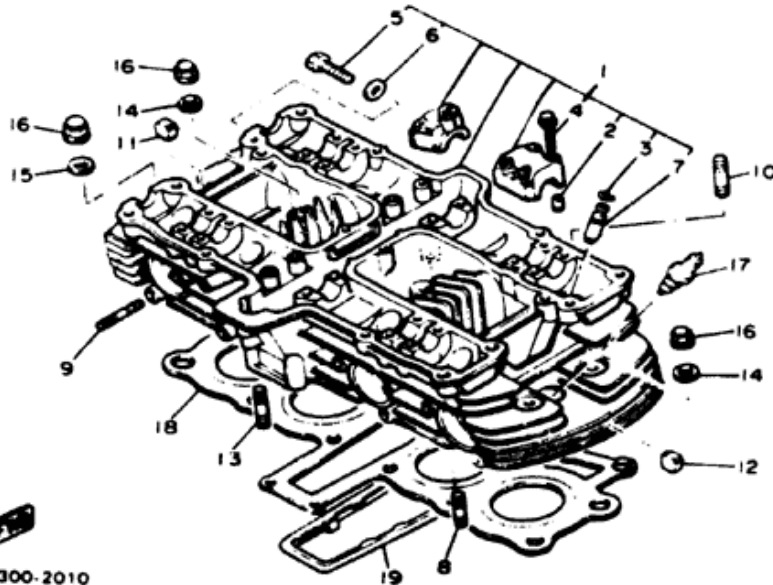
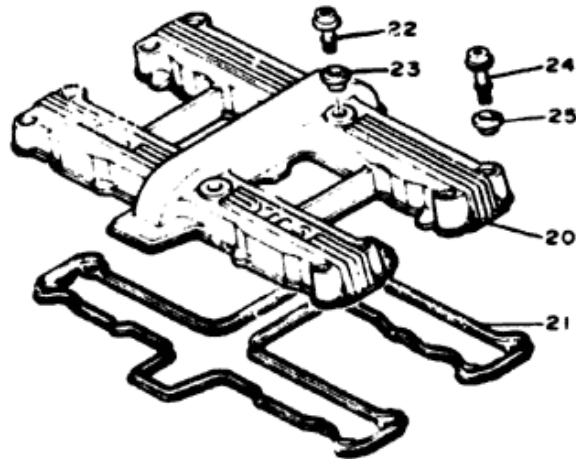
Ref. No.	Part Number	Description	Qty.	Remarks
1	33N11101-00-00	CYLINDER HEAD ASS'Y . . . . .	1	
2	99510-08016-00	. PIN, DOW'EL (91810-18016) . .	12	
3	93440-12052-00	. CIRCLIP . . . . .	3	
4	90105-06153-00	. BOLT, WASHER BASED . . . . .	24	
5	90153-06045-00	. SCREW, HEXAGON . . . . .	1	
6	90430-06014-00	. GASKET . . . . .	1	
7	4H7-11133-10-00	. GUIDE, INTAKE VALVE (1ST O/S) . . . . .	8	
8	95611-06625-00	BOLT, STUD . . . . .	2	
9	95611-06630-00	BOLT, STUD . . . . .	8	
10	95621-08330-00	BOLT, STUD . . . . .	2	
11	434-11161-00-00	ABSORBER 1 . . . . .	8	
12	4H7-11161-00-00	ABSORBER 1 . . . . .	14	
13	95611-06630-00	BOLT, STUD . . . . .	2	
14	90201-114G2-00	WASHER, PLATE . . . . .	10	
15	90201-10128-00	WASHER, PLATE . . . . .	2	
16	90176-10033-00	NUT, CROWN . . . . .	12	
17	NGK-BP7ES-00-00	PLUG, SPARK (94701-00117) . .	4	
18	5G2-11181-00-00	GASKET, CYLINDER HEAD 1 . . .	1	

### 5G2-W0001-00-XX TOP END GASKET KIT

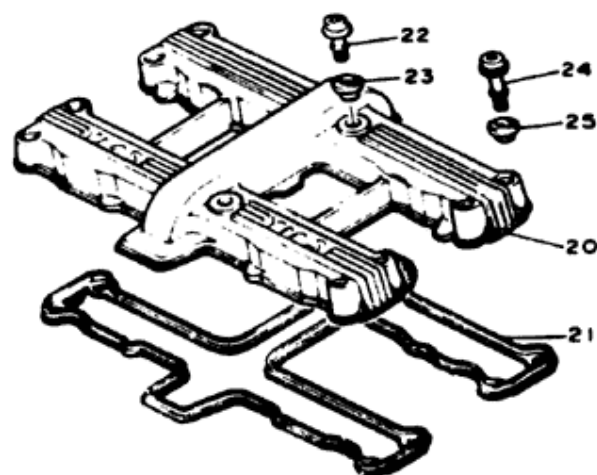
See Grid H-1 for Kit Components

See Service Data, Grid J-1

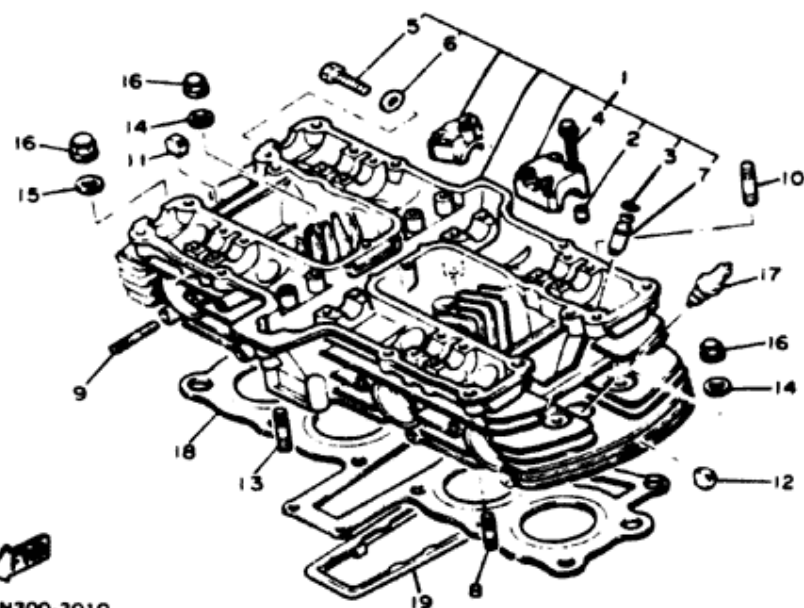
A-5



## CYLINDER HEAD



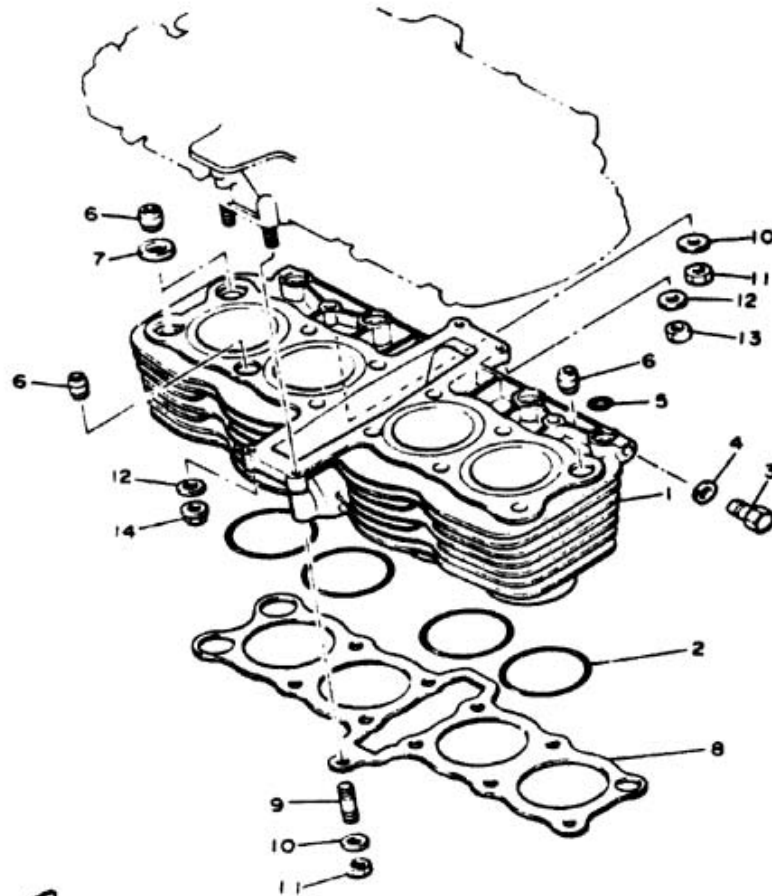
Ref. No.	Part Number	Description	Qty.	Remarks
19	5G2-11355-00-00	SEAL, CYLINDER 1 . . . . .	1	
20	33N-11191-00-00	COVER, CYL. HEAD 1 . . . . .	1	
21	5G2-11193-00-00	GASKET, HEAD COVER 1 . . . . .	1	
22	90109-06604-00	BOLT . . . . .	4	
23	4G0-1111G-00-00	RUBBER, MOUNT 1 . . . . .	4	
24	90109-06605-00	BOLT . . . . .	4	
25	4U8-1112G-00-00	RUBBER, MOUNT 2 . . . . .	8	



11N300-2010

**See Service Data, Grid J-1**

## CYLINDER

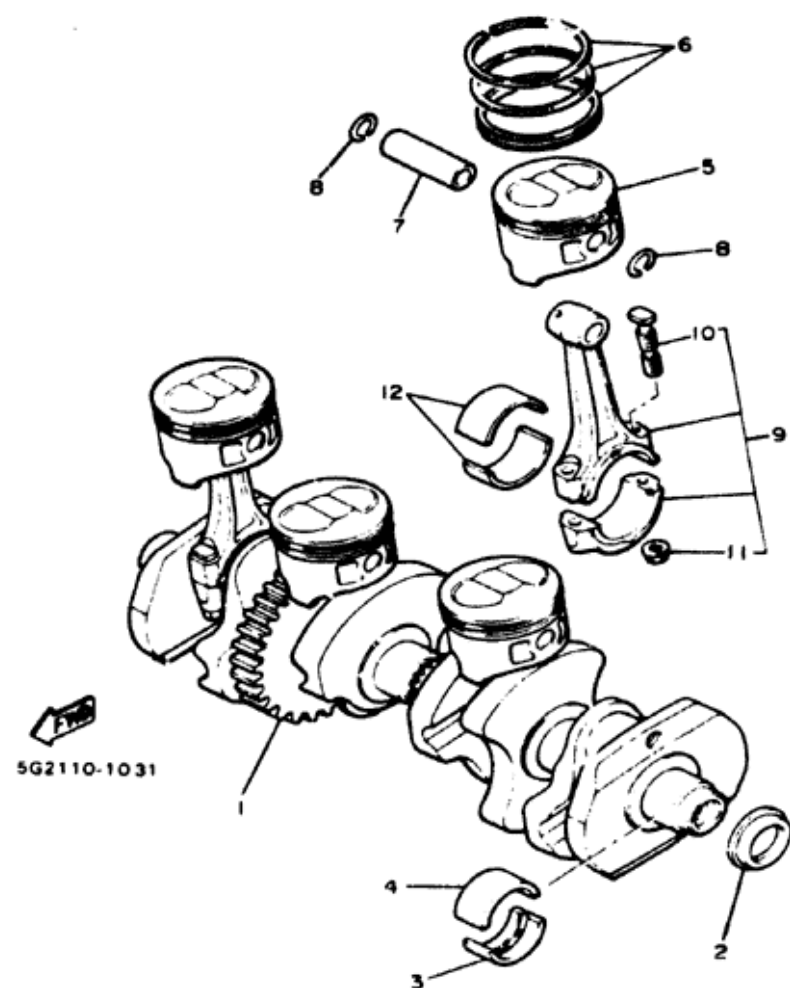


Ref. No.	Part Number	Description	Qty.	Remarks
1	5G2-11310-10-00	CYLINDER . . . . .	1	
2	93210-71482-00	O-RING . . . . .	4	
3	90340-12085-00	PLUG, straight screw . . . . .	2	
4	90201-12790-00	WASHER, plate . . . . .	2	
5	93210-09443-00	O-RING . . . . .	4	
6	99530-14016-00	PIN, dowel (91830-24016) . . . .	4	
7	90430-14131-00	GASKET . . . . .	2	
8	31A-11351-00-00	GASKET, cyl. (5G2-11351-00) .	1	
9	95621-08330-00	BOLT, stud . . . . .	1	
10	90201-084G3-00	WASHER, plate . . . . .	3	
11	95336-08600-00	NUT (95316-08600) . . . . .	3	
12	92908-06600-00	WASHER, plate . . . . .	4	
13	95316-06600-00	NUT . . . . .	2	
14	90179-06500-00	NUT (90179-06409) . . . . .	2	

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**See Service Data, Grid J-1**

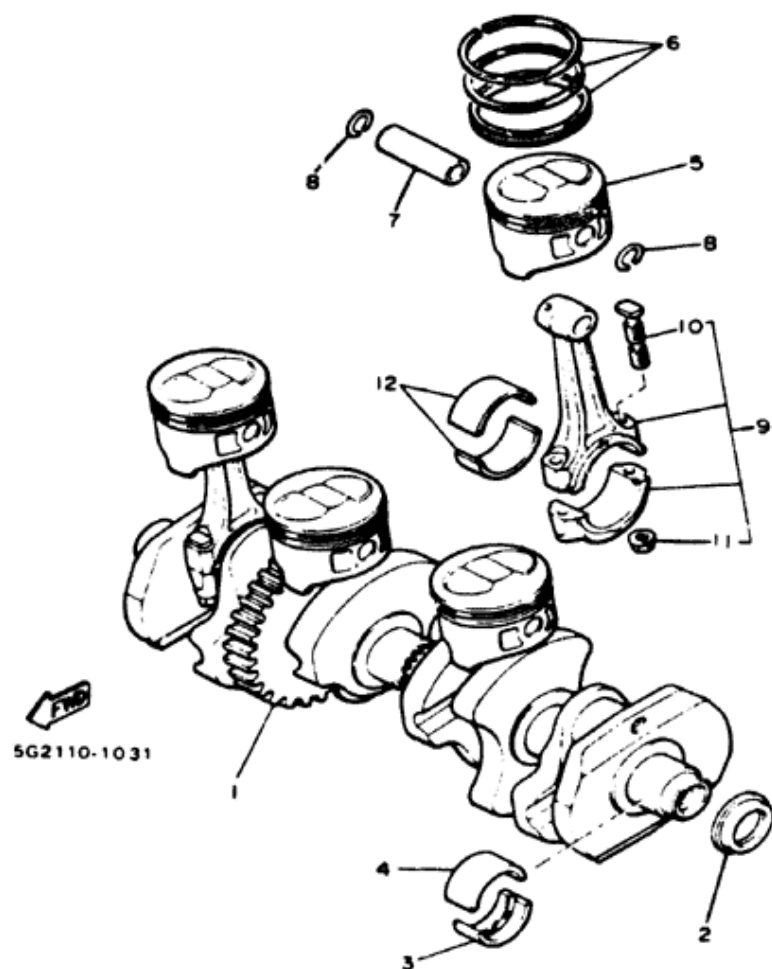
# CRANKSHAFT - PISTON



Ref. No.	Part Number	Description	Qty.	Remarks
1	5G2-11411-00-00	CRANKSHAFT . . . . .	1	
2	93101-32144-00	SEAL, PUSH ROD (4H7-15389-10) . . . . .	1	
3	4H7-11416-01-00	PLANE BEARING, CRNKSHT 1 .	5	UR BLU
	4H7-11416-11-00	PLANE BEARING, CRNKSHT 1 .	5	UR BLK
	4H7-11416-21-00	PLANE BEARING, CRNKSHT 1 .	5	UR BRN
	4H7-11416-31-00	PLANE BEARING, CRNKSHT 1 .	5	UR GRN
	4H7-11416-41-00	PLANE BEARING, CRNKSHT 1 .	5	UR YEL
4	5G2-11418-00-00	PLANE BEARING, CRNKSHT 3 .	5	UR BLU
	5G2-11418-10-00	PLANE BEARING, CRNKSHT 3 .	5	UR BLK
	5G2-11418-20-00	PLANE BEARING, CRNKSHT 3 .	5	UR BRN
	5G2-11418-30-00	PLANE BEARING, CRNKSHT 3 .	5	UR GRN
	5G2-11418-40-00	PLANE BEARING, CRNKSHT 3 .	5	UR YEL
5	5G2-11631-00-00	PISTON (STD) . . . . .	4	UR
	5G2-11636-00-00	PISTON (2ND O/S 0.50MM) . .	1	AP
	5G2-11638-00-00	PISTON (4TH O/S 1.00MM) . . .	1	AP
6	5G2-11610-00-00	PISTON RING SET (STD) . . . . .	4	UR
	5G2-11610-20-00	PISTON RING SET (2ND O/S) . .	1	AP
	5G2-11610-40-00	PISTON RING SET (4TH O/S) . .	1	AP

**See Service Data, Grid J-1**

# CRANKSHAFT - PISTON



Ref. No.	Part Number	Description	Qty.	Remarks
7	4H7-11633-00-00	PIN, PISTON .....	4	
8	93450-17044-00	CIRCLIP .....	8	
* 9	5G2-11650-00-00	CONNECTING ROD ASS'Y (5G2-Y1165-00) .....	4	
10	4H7-11654-00-00	. BOLT, CONNECTING ROD ....	2	
11	90179-07307-00	. NUT .....	2	
12	5G2-11656-00-00	PLANE BEARING, CONNECTING ROD .....	8	UR BLU
	5G2-11656-10-00	PLANE BEARING, CONNECTING ROD .....	8	UR BLK
	5G2-11656-20-00	PLANE BEARING, CONNECTING ROD .....	8	UR BRN
	5G2-11656-30-00	PLANE BEARING, CONNECTING ROD .....	8	UR GRN

\*INDICATES NEW PART NUMBERS ACTIVATED FROM 03/01/88.

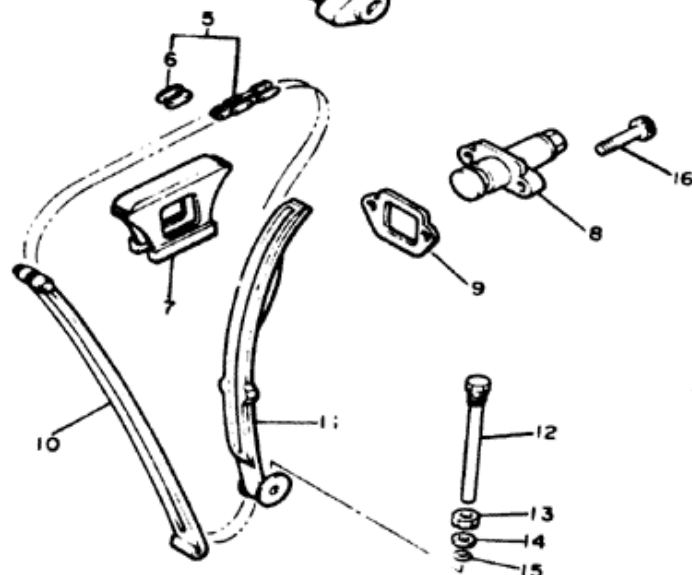
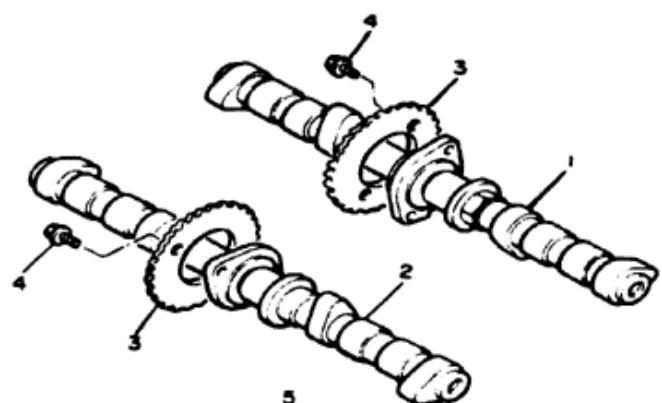
**See Service Data, Grid J-1**

**A-9**

## CAMSHAFT - CHAIN

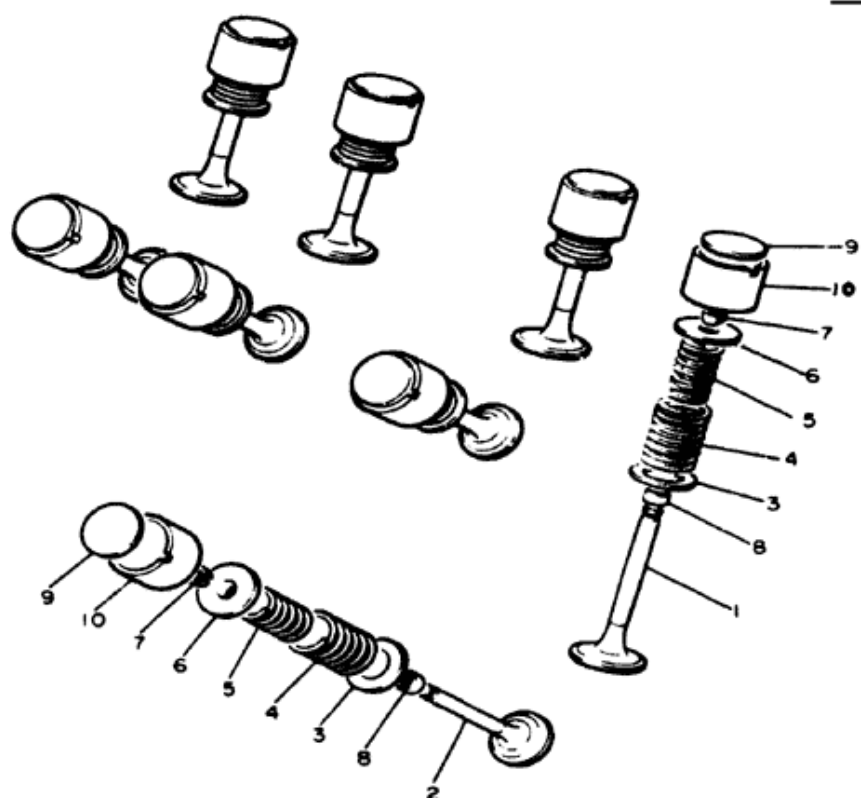
Ref. No.	Part Number	Description	Qty.	Remarks
1	4K0-12171-00-00	CAMSHAFT 1 .....	1	
2	4K0-12181-00-00	CAMSHAFT 2 .....	1	
3	4G0-12176-01-00	SPROCKET, CAM CHAIN (32T) (4G0-12176-00) .....	2	
4	90105-07087-00	BOLT, WASHER BASED .....	4	
5	94500-02120-00	CHAIN (BF05M-120L) .....	1	
6	94600-02001-00	. JOINT, CHAIN .....	1	Tsubakimoto
7	4H7-12241-00-00	GUIDE, stopper 2 .....	1	
* 8	5G2-12210-02-00	TENSIONER ASS'Y, CAM CHAIN (5G2-12210-10) .....	1	
9	5G2-12213-00-00	GASKET, TENSION CASE .....	1	
10	4H7-12251-00-00	DAMPER, CHAIN 1 .....	1	
11	4H7-12252-00-00	DAMPER, CHAIN 2 .....	1	
12	90109-10570-00	BOLT (4W5-12228-00) .....	1	
13	95306-10700-00	NUT .....	1	
14	92906-08600-00	WASHER, PLATE .....	1	
15	93210-08006-00	O-RING .....	1	
16	91316-06025-00	BOLT .....	2	

\*INDICATES NEW PART NUMBERS ACTIVATED FROM 03/01/88.



5G2110-1040

# VALVE



Ref. No.	Part Number	Description	Qty.	Remarks
1	4H7-12111-00-00	VALVE, INTAKE . . . . .	4	
2	4H7-12121-00-00	VALVE, EXHAUST . . . . .	4	
3	4H7-12116-00-00	SEAT, VALVE SPRING . . . . .	8	
4	4H7-12114-00-00	SPRING, VALVE OUTER . . . . .	8	
5	4H7-12113-00-00	SPRING, VALVE INNER . . . . .	8	
6	2F3-12117-00-00	RETAINER, VALVE SPRING . . . . .	8	
7	1J7-12118-00-00	COTTER, VALVE . . . . .	16	
8	1J7-12119-01-00	SEAL, VALVE STEM . . . . .	8	
9	1J7-12169-01-00	PAD, ADJUSTING (2.00) . . . . .	8	UR
	1J7-12169-11-00	PAD, ADJUSTING (2.05) . . . . .	8	UR
	1J7-12169-21-00	PAD, ADJUSTING (2.10) . . . . .	8	UR
	1J7-12169-31-00	PAD, ADJUSTING (2.15) . . . . .	8	UR
	1J7-12169-41-00	PAD, ADJUSTING (2.20) . . . . .	8	UR
	1J7-12169-51-00	PAD, ADJUSTING (2.25) . . . . .	8	UR
	1J7-12169-61-00	PAD, ADJUSTING (2.30) . . . . .	8	UR
	1J7-12169-71-00	PAD, ADJUSTING (2.35) . . . . .	8	UR
	1J7-12169-81-00	PAD, ADJUSTING (2.40) . . . . .	8	UR
	1J7-12169-91-00	PAD, ADJUSTING (2.45) . . . . .	8	UR
	1J7-12169-A1-00	PAD, ADJUSTING (2.50) . . . . .	8	UR
	1J7-1216_ E1-00	PAD, ADJUSTING (2.55) . . . . .	8	UR



4H7110-0050

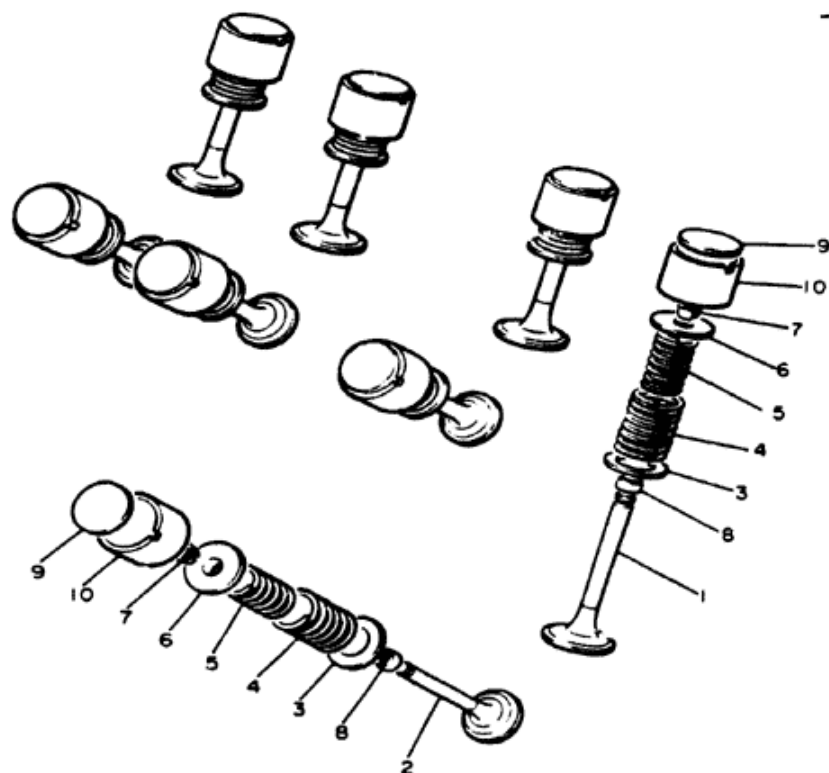
**See Service Data, Grid J-1**

**A-11**



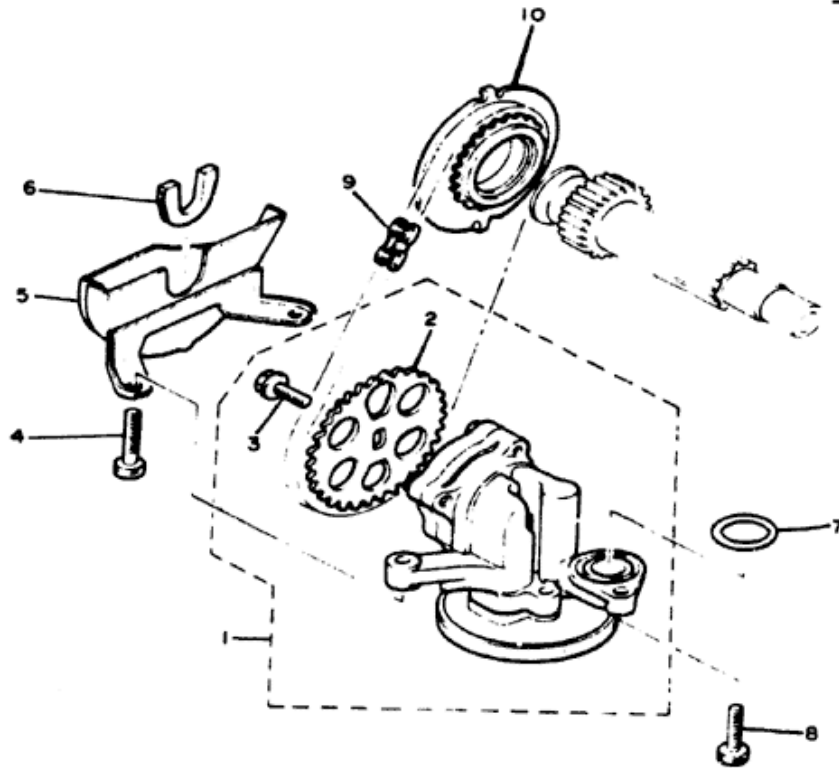
# VALVE

Ref. No.	Part Number	Description	Qty.	Remarks
	1J7-12169-r1-00	PAD, ADJUSTING (2.60) . . . . .	8	UR
	1J7-12169-G1-00	PAD, ADJUSTING (2.65) . . . . .	8	UR
	1J7-12169-H1-00	PAD, ADJUSTING (2.70) . . . . .	8	UR
	1J7-12169-J1-00	PAD, ADJUSTING (2.75) . . . . .	8	UR
	1J7-12169-K1-00	PAD, ADJUSTING (2.80) . . . . .	8	UR
	1J7-12169-L1-00	PAD, ADJUSTING (2.85) . . . . .	8	UR
	1J7-12169-M1-00	PAD, ADJUSTING (2.90) . . . . .	8	UR
	1J7-12169-N1-00	PAD, ADJUSTING (2.95) . . . . .	8	UR
	1J7-12169-R1-00	PAD, ADJUSTING (3.00) . . . . .	8	UR
	1J7-12169-T1-00	PAD, ADJUSTING (3.05) . . . . .	8	UR
	1J7-12169-U1-00	PAD, ADJUSTING (3.10) . . . . .	8	UR
	1J7-12169-V1-00	PAD, ADJUSTING (3.15) . . . . .	8	UR
	1J7-12169-W1-00	PAD, ADJUSTING (3.20) . . . . .	8	UR
10	4H7-12153-01-00	LIFTER, VALVE . . . . .	8	



See Service Data, Grid J-1

# OIL PUMP

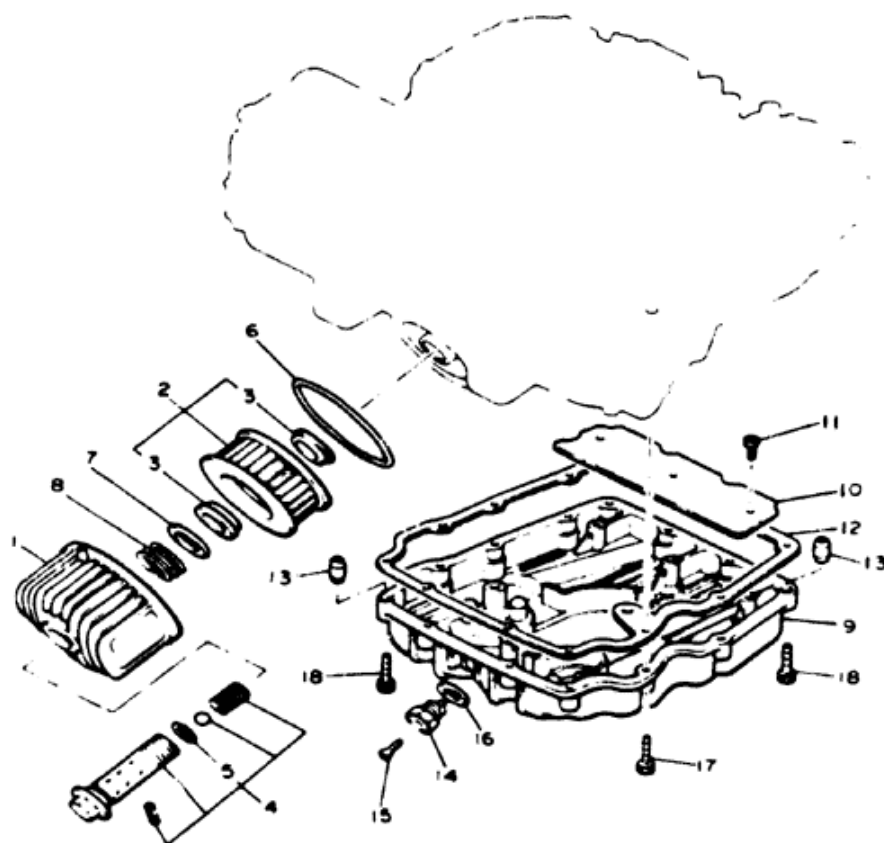


Ref. No.	Part Number	Description	Qty.	Remarks
1	5G2-13300-00-00	OIL PUMP ASS'Y	1	
2	5G2-13355-00-00	. SPROCKET, DRIVEN	1	
3	90105-06154-00	. BOLT, WASHER BASED	1	
4	90110-06035-00	BOLT, HEXAGON SOCKET HEAD	2	
5	4H7-13327-00-00	COVER, PUMP GEAR	1	
6	4H7-13328-00-00	GROMMET, GEAR COVER	1	
7	93210-18319-00	O-RING	1	
8	91316-06025-00	BOLT	1	
9	94580-25062-00	CHAIN (DID25 62L)	1	
10	4H7-13354-00-00	SPROCKET, DRIVE (25T)	1	



15R110-2060

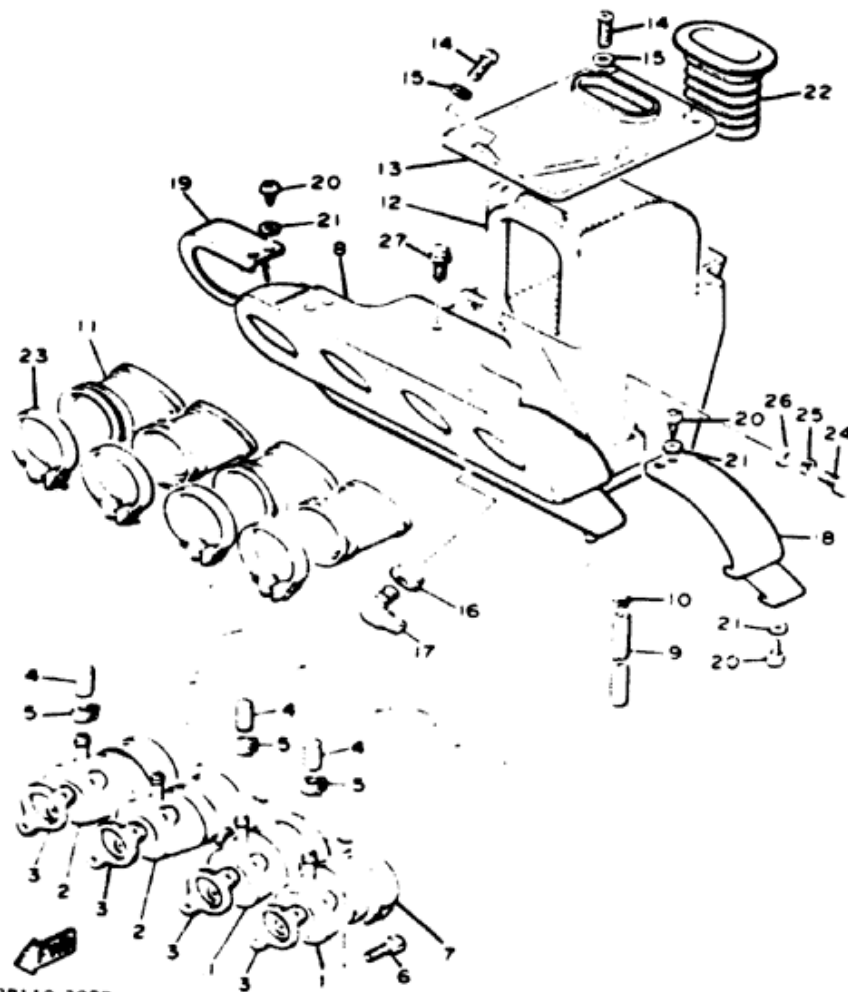
# OIL FILTER



5G2110-3070

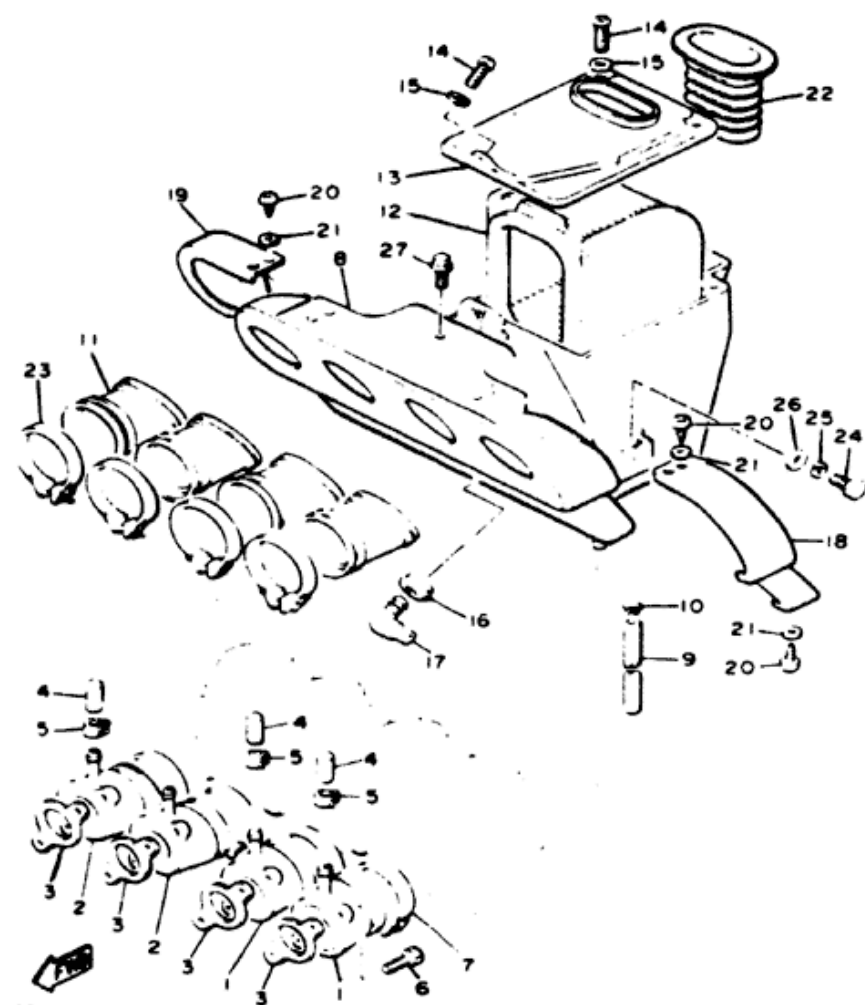
Ref. No.	Part Number	Description	Qty.	Remarks
1	4K0-13447-00-00	COVER, OIL ELEMENT . . . . .	1	
2	1L9-13440-91-00	ELEMENT ASS'Y, OIL CLEANER	1	
3	90480-23193-00	. GROMMET . . . . .	2	
4	4W6-13340-00-00	BY-PASS VALVE ASS'Y . . . . .	1	
5	93210-16629-00	. O-RING (93210-16325) . . . . .	1	
6	93210-87723-00	O-RING (93210-88324) . . . . .	1	
7	90201-21608-00	WASHER, PLATE . . . . .	1	
8	90501-20422-00	SPRING, COMPRESSION . . . . .	1	
9	4H7-13417-03-00	COVER, STRAINER (4H7-13417-02) . . . . .	1	
10	4H7-13337-00-00	PLATE, BAFFLE LOWER . . . . .	1	
11	92580-06010-00	SCREW, PAN HEAD (92503-06010) . . . . .	3	
12	4H7-13414-01-00	GASKET, STRAINER COVER . . .	1	
13	99510-08016-00	PIN, DOWEL (91810-18016) . . .	2	
14	90340-14087-00	PLUG, STRAIGHT SCREW . . . . .	1	
15	98901-06008-00	SCREW, BIND . . . . .	1	
16	214-11198-01-00	GASKET . . . . .	1	
17	90110-06138-00	BOLT (91316-06030) . . . . .	11	
18	91316-06040-00	BOLT . . . . .	2	

# AIR FILTER



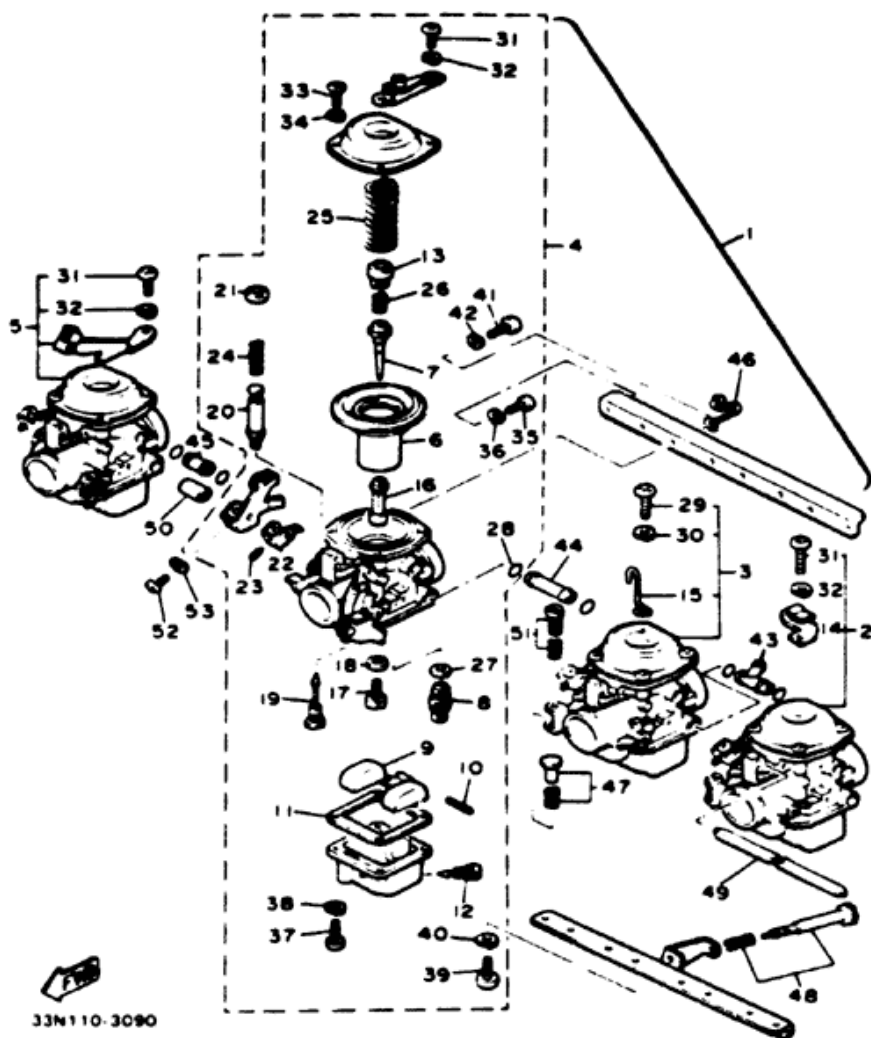
Ref. No.	Part Number	Description	Qty.	Remarks
1	5G2-13586-02-00	JOINT, CARBURETOR 1 (5G2-13586-01)	2	
2	5G2-13596-01-00	JOINT, CARBURETOR 2 (5G2-13596-00)	2	
3	4H7-13556-01-00	GASKET, MANIFOLD	4	
4	16G-13589-00-00	PLUG, BLIND (1J7-13589-00)	3	
5	4W5-13577-00-00	CLIP	3	
6	91316-06020-00	BOLT	8	
7	90460-49248-00	CLAMP, HOSE (90460-49183)	4	
8	5G2-14401-00-00	AIR CLEANER CASE ASS'Y	1	
9	90445-11182-00	HOSE	1	
10	90467-09006-00	CLIP	1	
11	5G2-14453-00-00	JOINT, AIR CLEANER 1	4	
12	4H7-14451-00-00	ELEMENT, AIR CLEANER	1	
13	5G2-14412-00-00	CAP, CLEANER CASE 1	1	
14	92580-06012-00	SCREW, PAN HEAD (92503-06012)	3	
15	92901-06600-00	WASHER (92902-06600)	3	
16	90480-16278-00	GROMMET	1	
17	4H7-14419-00-00	PIPE	1	
18	15R-1441A-00-00	COVER, CLEANER CASE 1	1	
19	15R-1441E-00-00	COVER, CLEANER CASE 2	1	
20	90167-05006-00	SCREW, TAPPING	6	

# AIR FILTER



22R110 3080

Ref. No.	Part Number	Description	Qty.	Remarks
21	92906-05200-00	WASHER, PLAIN .....	6	
22	5G2-14437-00-00	DUCT .....	1	
23	90460-56105-00	CLAMP, HOSE .....	4	
24	97301-06018-00	BOLT .....	1	
25	92990-06100-00	WASHER, SPRING (92903-06100) .....	1	
26	90201-06067-00	WASHER, PLATE .....	1	
27	90119-06029-00	BOLT, W/WASHER .....	1	

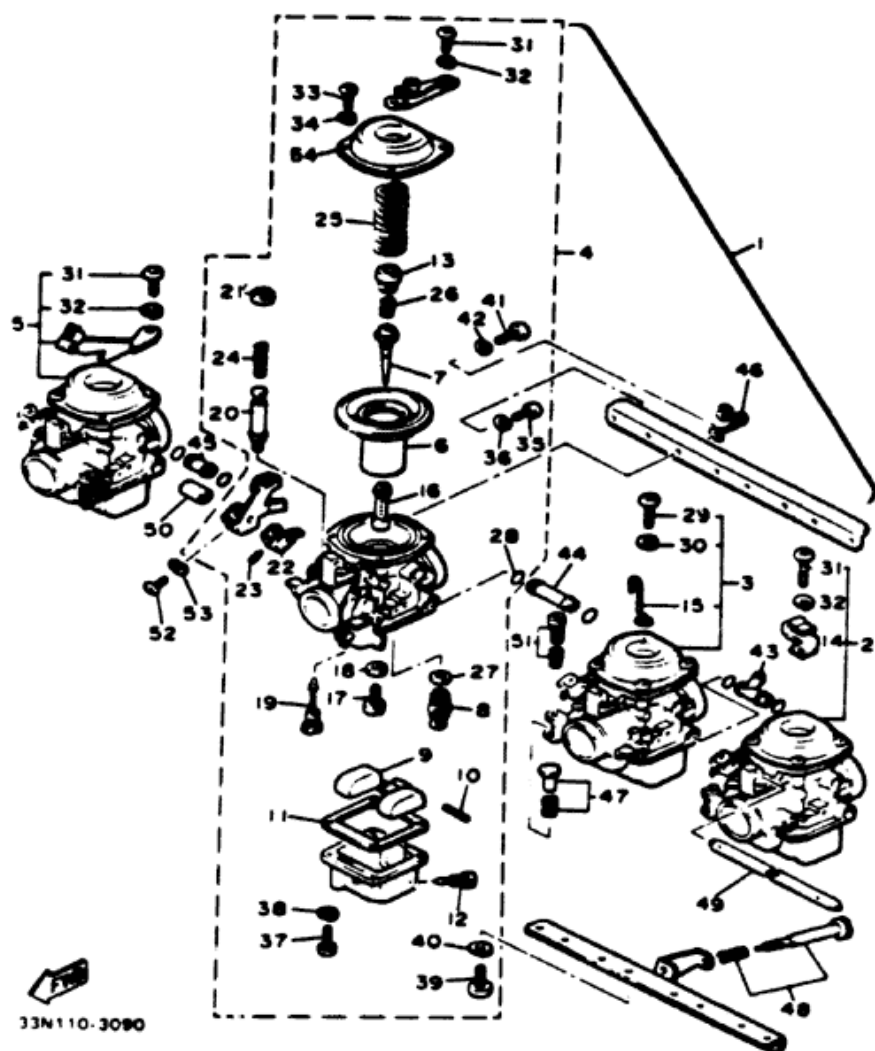


## CARBURETOR

Ref. No.	Part Number	Description	Qty.	Remarks
1	(33N-14900-00-00)	CARBURETOR ASS'Y	1	N/A
2	33N-14901-00-00	CARBURETOR ASS'Y 1	1	
3	33N-14902-00-00	CARBURETOR ASS'Y 2	1	
4	33N-14903-00-00	CARBURETOR ASS'Y 3	1	
5	33N-14904-00-00	CARBURETOR ASS'Y 4	1	
6	4H7-14940-00-00	DIAPHRAGM ASS'Y	4	
7	4H7-14917-13-00	JET, NEEDLE	4	
8	10L-14390-02-00	NEEDLE VALVE ASS'Y (4H7-14990-00)	4	
9	4H7-14985-00-00	FLOAT	4	
0	4H7-14186-00-00	PIN, FLOAT	4	
11	4H7-14984-00-00	GASKET, FLOAT CHAMBER	4	
12	4W5-14191-01-00	PLUG, drain	4	
13	4H7-14936-00-00	SEAT, SPRING	4	
14	4H7-14159-00-00	CLIP	1	
*15	4H7-14139-01-00	CLIP, PIPE (4H7-14139-00)	1	
16	4H7-14921-32-00	NOZZLE, MAIN	4	
17	4X7-14925-20-00	JET, MAIN (#120)	4	
18	4H7-14945-00-00	WASHER, MAIN JET	4	
19	4H7-14948-40-00	JET, PILOT (#40)	4	
20	4H7-14171-00-00	PLUNGER, STARTER	4	

\*INDICATES NEW PART NUMBERS ACTIVATED FROM 03/01/89.

See Service Data, Grid J-1



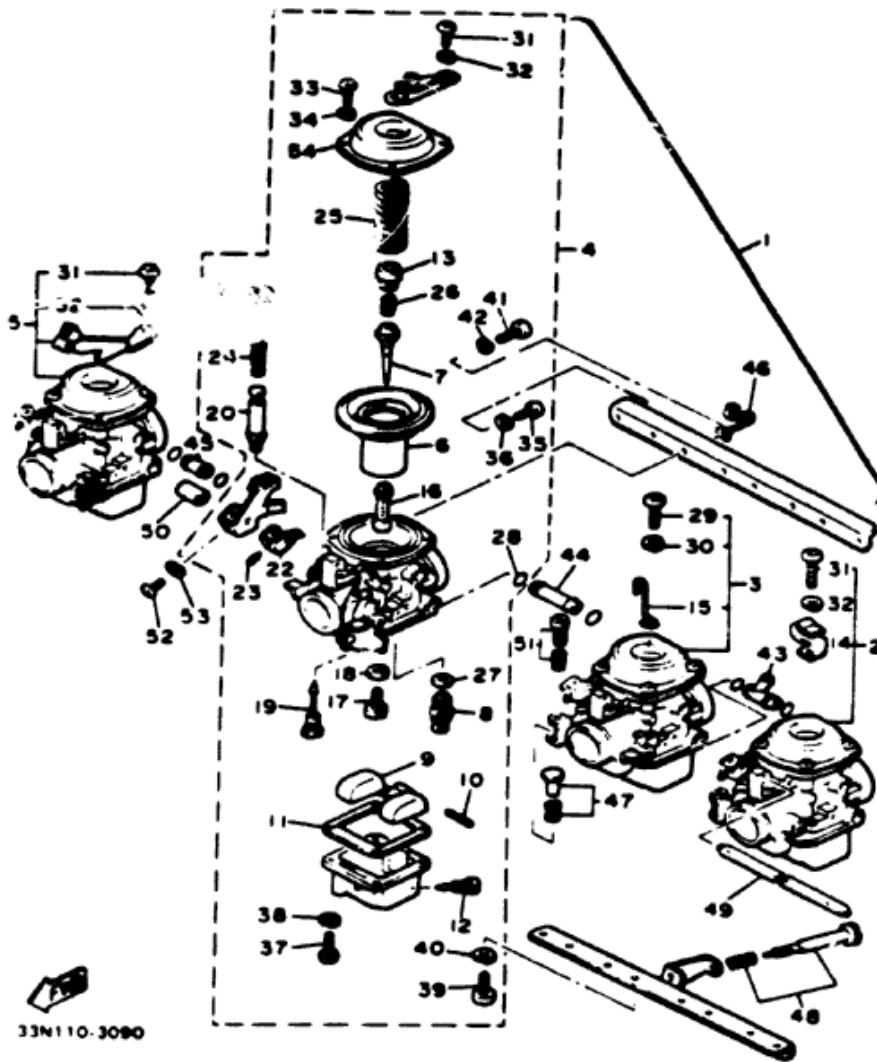
33N110-3090

## CARBURETOR

Ref. No.	Part Number	Description	Qty.	Remarks
21	4H7-14173-00-00	.. COVER, PLUNGER CAP .....	4	
22	[4W5-14975-00-00]	.. LEVER, STARTER 1 .....	4	
23	4W5-14991-00-00	.. SCREW .....	4	
24	4H7-14135-00-00	.. SPRING, PLUNGER .....	4	
25	4H7-14933-00-00	.. SPRING, diaphragm .....	4	
26	4H7-14589-01-00	.. SPRING .....	4	
27	4H7-14952-00-00	.. WASHER .....	4	
28	3J3-14147-00-00	.. O-RING .....	6	
29	98580-04010-00	.. SCREW, PAN HEAD (98503-04010) .....	1	
30	92901-04100-00	.. WASHER, SPRING .....	1	
31	98580-04010-00	.. SCREW, PAN HEAD (98503-04010) .....	14	
32	92901-04100-00	.. WASHER, SPRING .....	14	
33	98502-04008-00	.. SCREW, PAN HEAD .....	1	
34	92901-04100-00	.. WASHER, SPRING .....	1	
35	98506-05010-00	.. SCREW, PAN HEAD .....	7	
36	92906-05100-00	.. WASHER, SPRING .....	7	
37	98506-05016-00	.. SCREW, PAN HEAD .....	16	
38	92906-05100-00	.. WASHER, SPRING .....	16	
39	92506-06012-00	.. SCREW, PAN HEAD .....	8	
40	92906-06100-00	.. WASHER, SPRING .....	8	

See Service Data, Grid J-1

# CARBURETOR

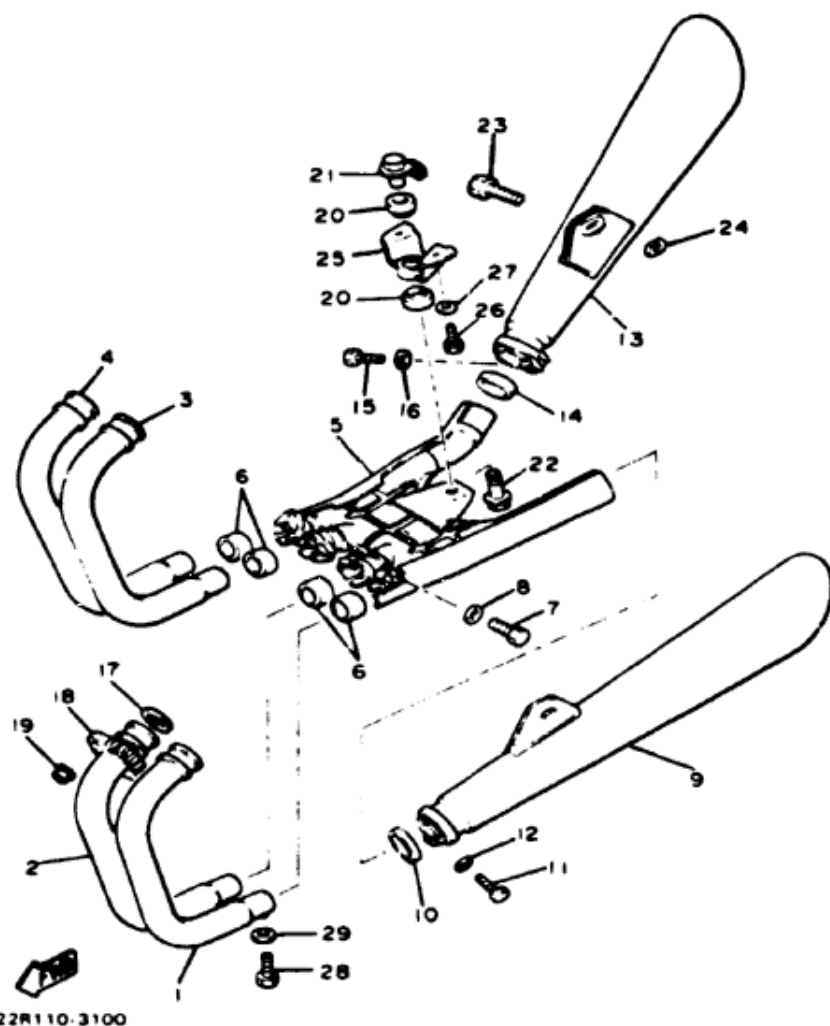


33N110-3090

Ref. No.	Part Number	Description	Qty.	Remarks
41	98506-05012-00	.. SCREW, PAN HEAD .....	1	
42	92906-05100-00	.. WASHER, SPRING .....	1	
43	4H7-14988-00-00	.. PIPE, STARTER CONNECTING ..	1	
44	4H7-14188-01-00	.. CONNECTOR .....	1	
45	4H7-14189-01-00	.. CONNECTOR .....	1	
46	4H7-14919-00-00	.. CLIP .....	1	
47	5G2-W1492-00-00	.. THROTTLE ADJUST SCREW SET 2 .....	3	
48	5G2-W1493-00-00	.. THROTTLE ADJUST SCREW SET 3 .....	1	
49	4W5-14978-00-00	.. SHAFT, STARTER LEVER ....	1	
50	[4H7-14998-00-00]	.. BUSH .....	1	
51	5G2-W1491-00-00	.. THROTTLE ADJUST SCREW SET 1 .....	3	
52	98506-03016-00	.. SCREW, PAN HEAD .....	1	
53	92990-03100-00	.. WASHER, SPRING (92901-03100) .....	1	
54	4W5-14958-00-00	COVER, DIAPHRAGM .....	1	

See Service Data, Grid J-1





22R110-3100

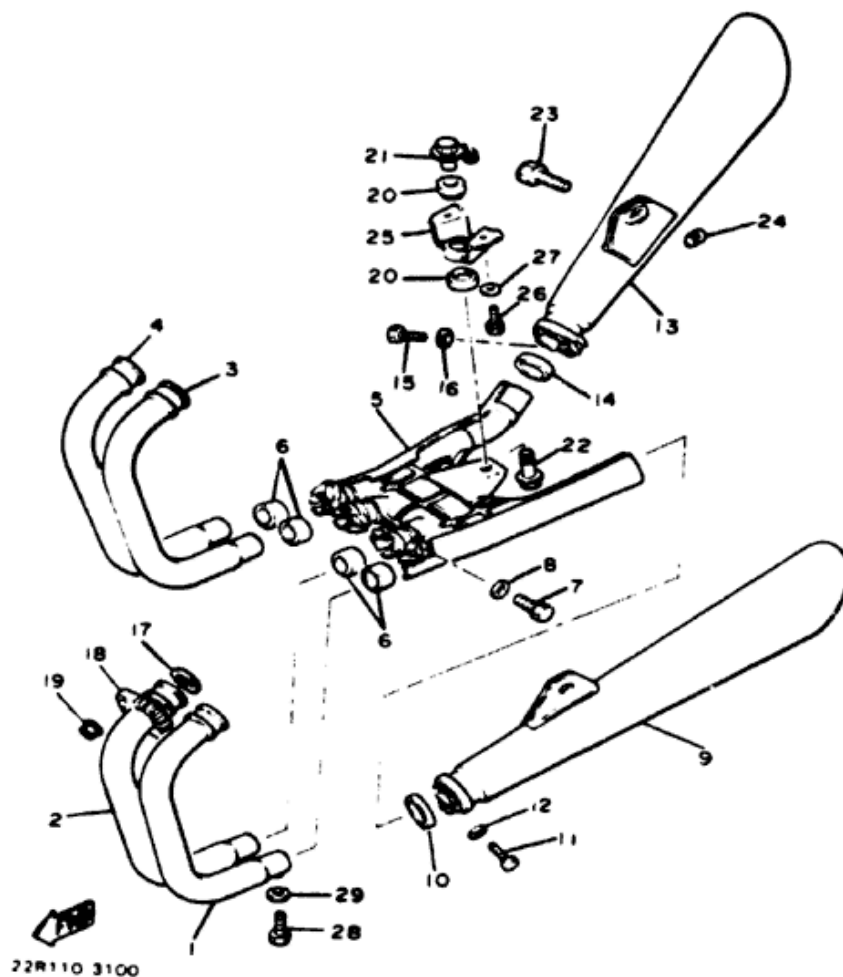
## EXHAUST

Ref. No.	Part Number	Description	Qty.	Remarks
1	22N-14611-00-00	PIPE, EXHAUST 1 . . . . .	1	
2	22N-14621-00-00	PIPE, EXHAUST 2 . . . . .	1	
3	22N-14631-00-00	PIPE, EXHAUST 3 . . . . .	1	
4	22N-14641-00-00	PIPE, EXHAUST 4 . . . . .	1	
5	33N-14615-00-00	JOINT, EXHAUST 1 . . . . .	1	
6	4H7-14714-00-00	GASKET, MUFFLER . . . . .	4	
7	97016-08020-00	BOLT (97316-08020) . . . . .	4	
8	92906-08600-00	WASHER, PLATE . . . . .	4	
9	33N-14711-00-00	MUFFLER 1 . . . . .	1	
10	47G-14653-00-00	GASKET, MUFFLER . . . . .	1	
11	97016-08025-00	BOLT (97316-08025) . . . . .	1	
12	92906-08600-00	WASHER, PLATE . . . . .	1	
13	33N-14721-00-00	MUFFLER 2 . . . . .	1	
14	47G-14653-00-00	GASKET, MUFFLER . . . . .	1	
15	97016-08025-00	BOLT (97316-08025) . . . . .	1	
16	92906-08600-00	WASHER, PLATE . . . . .	1	
17	4H7-14613-00-00	GASKET, EXHAUST PIPE . . . . .	4	
18	22N-14612-00-00	NUT, RING . . . . .	4	
19	90179-06500-00	NUT (4W5-14681-00) . . . . .	8	
20	4K0-14747-00-00	DAMPER, MUFFLER . . . . .	2	

**See Service Data, Grid J-1**

**B-8**

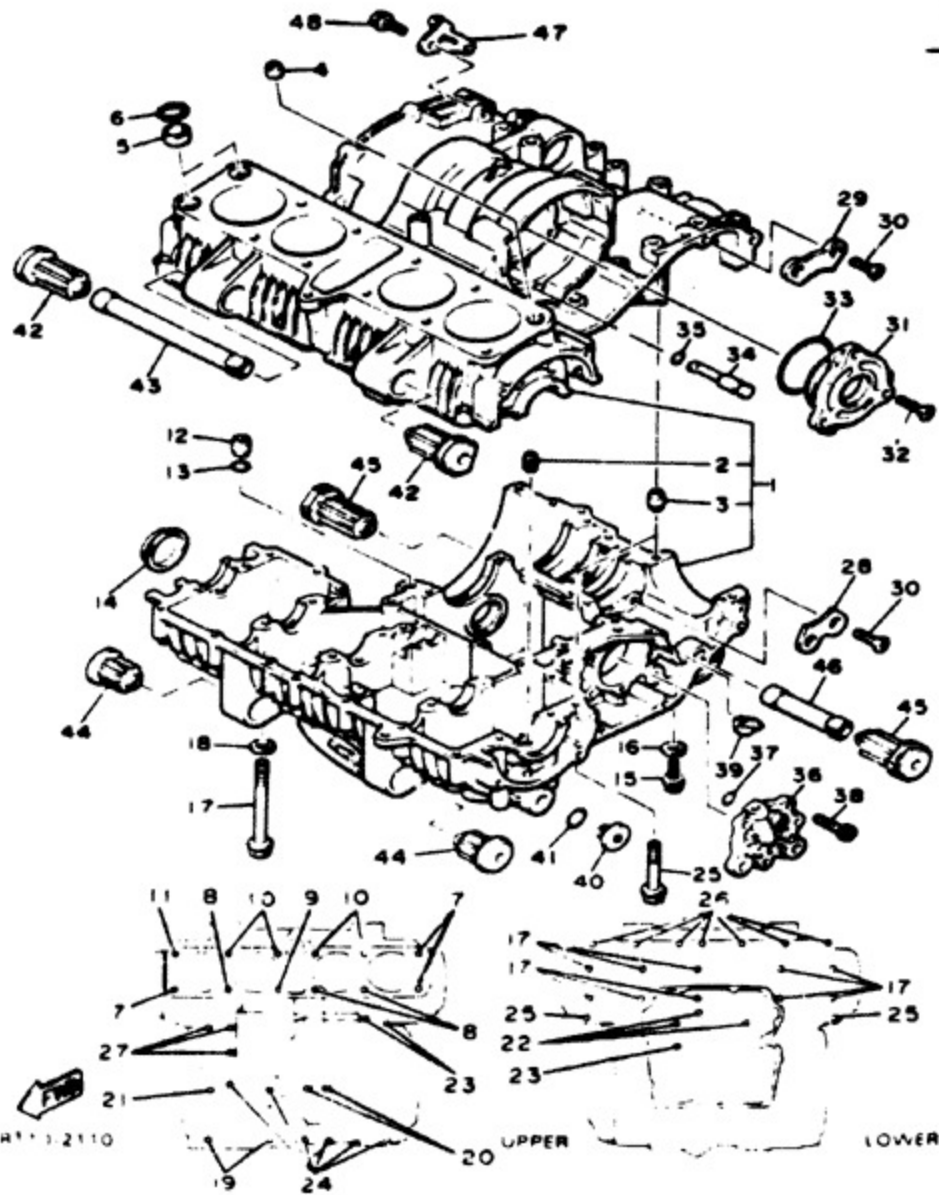
## EXHAUST



Ref. No.	Part Number	Description	Qty.	Remarks
21	4K0-14638-00-00	COLLAR (33N-14638-00) . . . . .	1	
22	95806-10040-00	BOLT, FLANGE . . . . .	1	
23	90109-10761-00	BOLT . . . . .	2	
24	90179-10276-00	NUT (4W5-14761-00) . . . . .	2	
25	33N-14791-00-00	STAY, MUFFLER . . . . .	1	
26	97306-08025-00	BOLT (97316-08025) . . . . .	2	
27	92906-08600-00	WASHER, PLATE . . . . .	2	
28	90101-06575-00	BOLT . . . . .	4	
29	92906-06600-00	WASHER, PLATE . . . . .	4	

**See Service Data, Grid J-1**

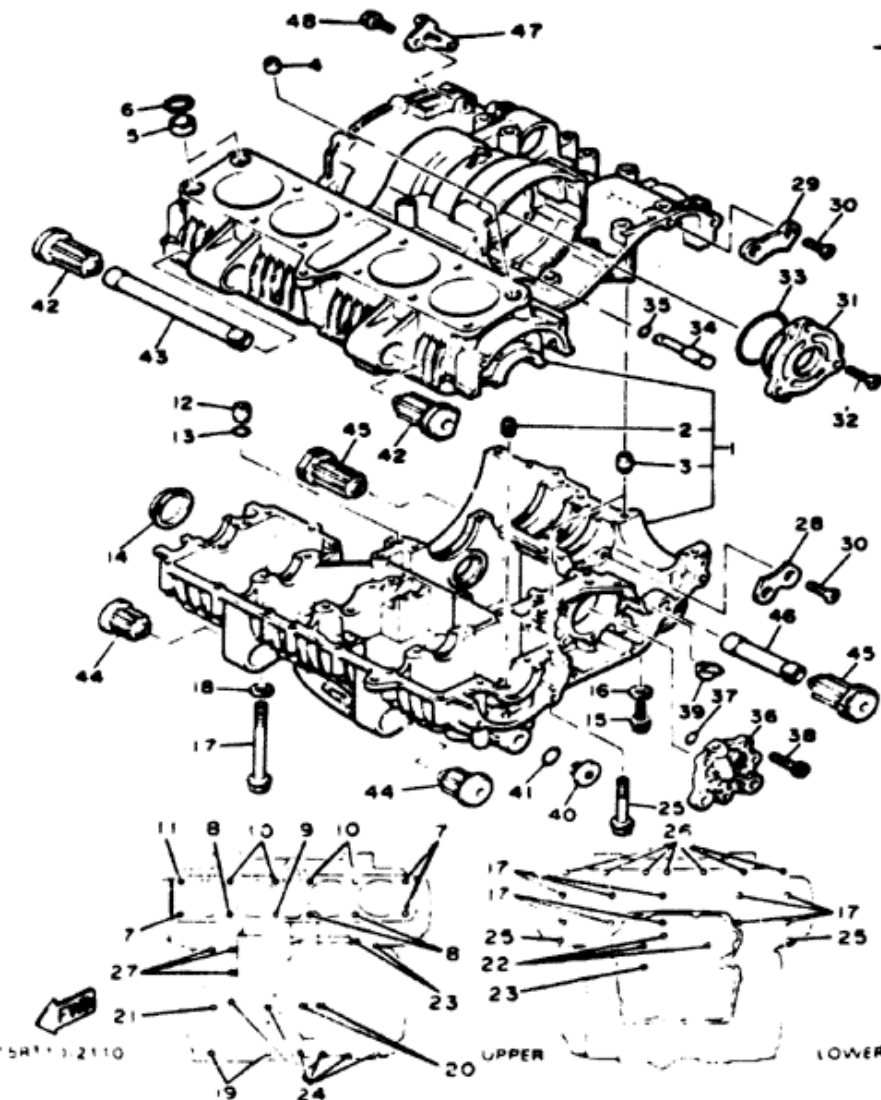
# CRANKCASE



Ref. No.	Part Number	Description	Qty.	Remarks
1	4W5-15100-03-00	CRANKCASE ASS'Y	1	
2	4H7-15138-00-00	NOZZLE	1	
3	399510-12016-00	PIN, DOWEL (91830-22016)	3	
4	99530-14016-00	PIN, DOWEL (91830-24016)	1	
5	90387-16547-00	COLLAR	2	
6	93210-18322-00	O-RING	2	
7	90116-10330-00	BOLT, STUD	3	
8	90116-10329-00	BOLT, STUD	3	
9	90116-10328-00	BOLT, STUD	1	
10	4H7-11363-00-00	BOLT, CYLINDER HOLDING 3	4	
11	4H7-11364-00-00	BOLT, CYLINDER HOLDING 4	1	
12	99530-12016-00	PIN, DOWEL (91830-22016)	1	
13	93210-11124-00	O-RING	1	
14	4H7-15167-10-00	PLUG, BLIND 1	1	
15	90105-08003-00	BOLT, WASHR BASED	1	
16	90201-08087-00	WASHER, PLATE	1	
17	95816-08105-00	BOLT, FLANGE	10	
18	90201-094G1-00	WASHER, PLATE	8	
19	95816-08065-00	BOLT, FLANGE	2	
20	95816-06135-00	BOLT, FLANGE	2	
21	95816-06120-00	BOLT, FLANGE	1	
22	95811-06080-00	BOLT, FLANGE	3	
23	95816-06070-00	BOLT, FLANGE	3	
24	95816-06060-00	BOLT, FLANGE	6	

**See Service Data, Grid J-1  
B-10**

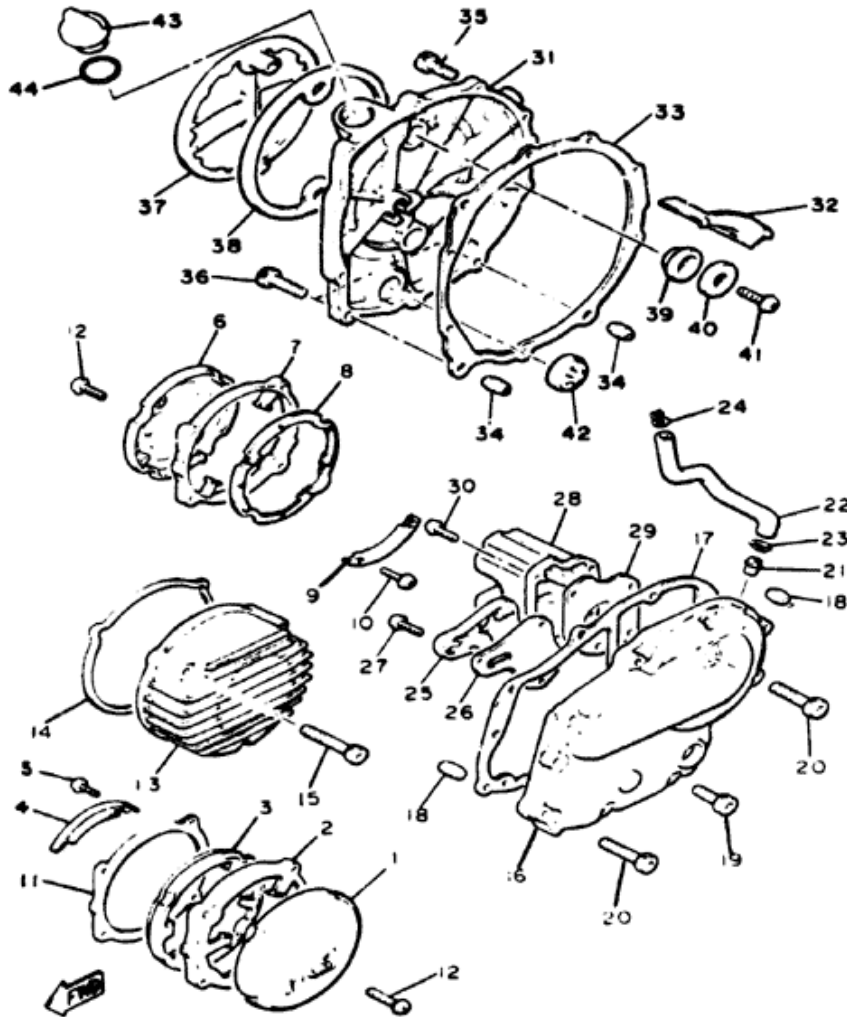
# CRANKCASE



Ref. No.	Part Number	Description	Qty.	Remarks
25	95816-06055-00	BOLT, FLANGE	2	
26	95816-08045-00	BOLT, FLANGE	7	
27	95816-06035-00	BOLT, FLANGE	3	
28	[31A-15381-00-00]	PLATE, BEARING COVER	1	
29	31A-15383-00-00	PLATE, BEARING COVER (4H7-15383-00)	1	
30	90149-08152-00	SCREW	4	
31	4H7-15163-01-00	HOUSING, BEARING 1	1	
32	90151-06014-00	SCREW, COUNTERSUNK	3	
33	93210-62439-00	O-RING	1	
34	4H7-13454-00-00	NOZZLE	1	
35	93210-07540-00	O-RING	1	
36	5G2-15164-00-00	HOUSING, BEARING 2	1	
37	93210-07438-00	O-RING	1	
38	91311-06020-00	BOLT	3	
39	4H7-15365-00-00	GROMMET	1	
40	4H7-15189-00-00	PLUG (4K0-15189-00)	2	
41	93210-21276-00	O-RING	2	
42	4H7-15326-00-00	DAMPER, ENGINE MOUNT 2	2	
43	4H7-15317-00-00	SPACER, ENGINE MOUNT (4W5-15317-00)	1	
44	4H7-15316-00-00	DAMPER, ENGINE MOUNT 1	2	
45	36Y-15326-00-00	DAMPER, ENGINE MOUNT 2 (2H7-15326-01)	2	
46	4H7-15327-00-00	SPACER, ENGINE MOUNT (4W5-15327-00)	1	
47	4H7-15441-01-00	HOLDER, CLUTCH CABLE (4K0-15441-00)	1	
48	91316-06012-00	BOLT	2	

See Service Data, Grid J-1

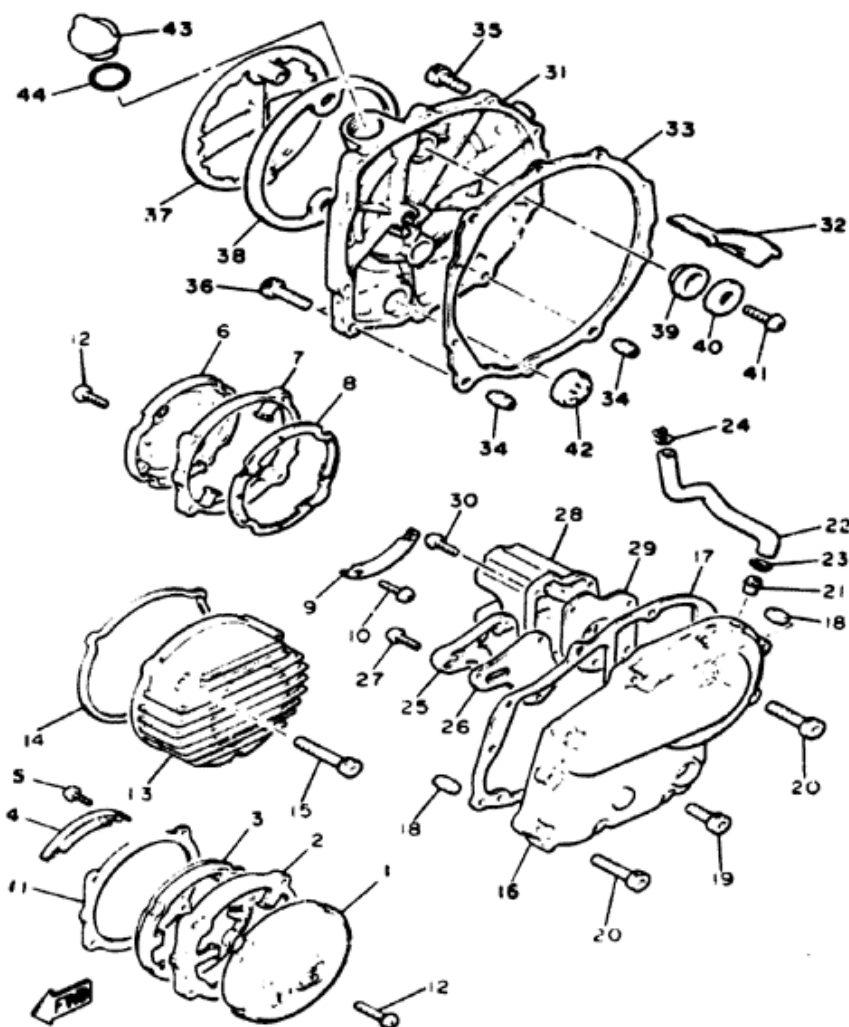
# CRANKCASE COVER



33N110 3120

Ref. No.	Part Number	Description	Qty.	Remarks
1	33N-15416-00-00	COVER, OIL PUMP .....	1	
2	22N-15431-01-00	COVER, CRANKCASE 3 (22N-15431-00) .....	1	
3	22N-15449-00-00	RING, RUBBER .....	1	
4	22N-15144-00-00	PLATE, LOCK .....	2	
5	92580-06010-00	SCREW, PAN HEAD (92503-06010) .....	1	
6	33N-15426-00-00	COVER, OIL PUMP 2 .....	1	
7	22N-15431-01-00	COVER, CRANKCASE 3 (22N-15431-00) .....	1	
8	22N-15449-00-00	RING, RUBBER .....	1	
9	22N-15144-00-00	PLATE, LOCK .....	1	
10	92580-06010-00	SCREW, PAN HEAD (92503-06010) .....	1	
11	4H7-15456-00-00	GASKET, OIL PUMP COVER 1 ..	1	
12	98906-06020-00	SCREW, BIND .....	8	
13	4W5-15415-00-00	COVER, GENERATOR .....	1	
14	4H7-15455-00-00	GASKET 1 .....	1	
15	91316-06070-00	BOLT .....	3	
16	33N-15411-00-00	COVER, CRANKCASE 1 .....	1	
17	4H7-15451-00-00	GASKET, CRANKCASE COVER .	1	
18	91830-21014-00	PIN, DOWEL .....	2	
19	91316-06025-00	BOLT .....	8	
20	91316-06040-00	BOLT .....	2	
21	371-11167-01-00	PIPE, BREATHER 2 .....	1	
22	5G2-11166-00-00	PIPE, BREATHER 1 .....	1	

# CRANKCASE COVER

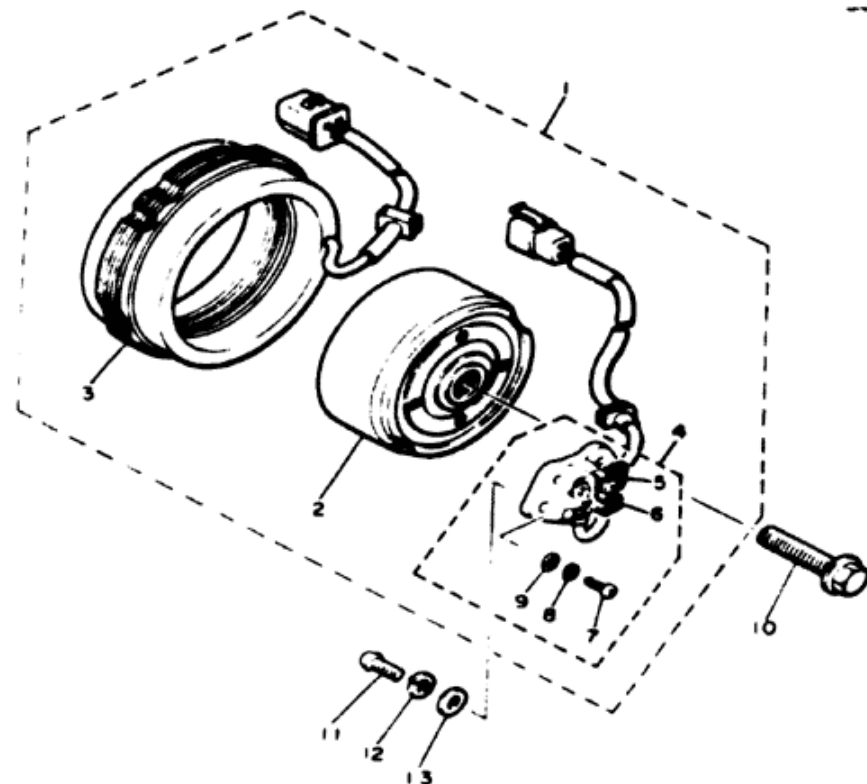


33N110-3120

Ref. No.	Part Number	Description	Qty.	Remarks
23	90467-14015-00	CLIP .....	1	
24	90468-08104-00	CLIP .....	1	
25	4H7-15346-00-00	BREATHER 1 .....	1	
26	4H7-15457-00-00	GASKET .....	1	
27	92503-06015-00	SCREW, PAN HEAD (92501-06015) .....	3	
28	4H7-15347-00-00	BREATHER 2 .....	1	
29	4H7-15467-00-00	GASKET .....	1	
30	92503-06015-00	SCREW, PAN HEAD (92501-06015) .....	4	
31	4W5-15421-00-00	COVER, CRANKCASE 2 .....	1	
32	4H7-15412-01-00	SCRAPER, OIL .....	1	
33	4H7-15461-01-00	GASKET, CRANKCASE COVER 2 .....	1	
34	91830-21014-00	PIN, DOWEL .....	2	
35	91316-06025-00	BOLT .....	8	
36	91316-06040-00	BOLT .....	2	
37	16G-15417-00-00	COVER, CAP .....	1	
38	4H7-15449-00-00	RING, RUBBER .....	1	
39	4H7-15486-00-00	GROMMET .....	2	
40	90209-06096-00	WASHER .....	2	
41	92503-06015-00	SCREW, PAN HEAD (92501-06015) .....	2	
42	2H7-15361-00-00	GAUGE, LEVEL .....	1	
43	2H9-15363-00-00	PLUG, OIL .....	1	
*44	93210-27778-00	O-RING (93210-27370) .....	1	

\*INDICATES NEW PART NUMBERS ACTIVATED FROM 03/01/88.

# GENERATOR

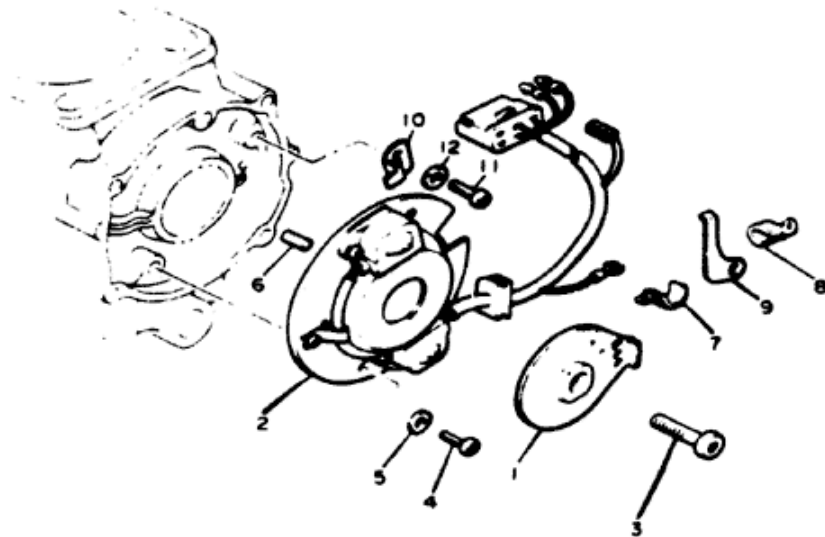


Ref. No.	Part Number	Description	Qty.	Remarks
1	4H7-81600-10-00	A.C. GENERATOR ASS'Y . . . . .	1	
2	4H7-81650-10-00	. ROTOR ASS'Y . . . . .	1	
3	4H7-81610-10-00	. STATOR ASS'Y . . . . .	1	
4	4H7-81619-10-00	. BRUSH HOLDER ASS'Y . . . . .	1	
5	46X-81611-10-00	.. BRUSH 1 (4H7-81611-10) . . .	1	
6	4G0-81612-10-00	.. BRUSH 2 (4H7-81612-10) . . .	1	
7	98511-04012-00	.. SCREW, PAN HEAD (98501-04012) . . . . .	2	
8	92901-04100-00	.. WASHER, SPRING . . . . .	2	
9	92901-04600-00	.. WASHER, PLATE . . . . .	2	
10	90105-10152-00	BOLT, WASHER BASED . . . . .	1	
11	92503-06015-00	SCREW, PAN HEAD (92502-06016) . . . . .	2	
12	92990-06100-00	WASHER, SPRING (92903-06100) . . . . .	2	
13	92901-06600-00	WASHER (92902-06600) . . . . .	2	

**See Service Data, Grid J-1**  
**C-2**

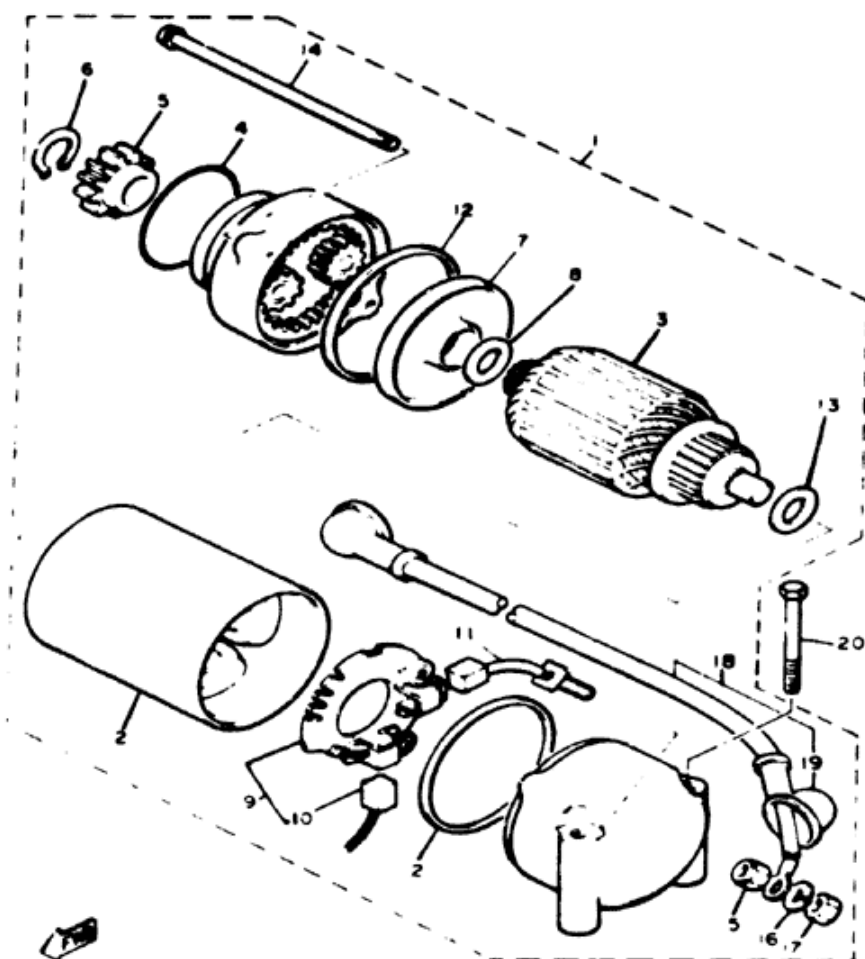
# GOVERNOR

Ref. No.	Part Number	Description	Qty.	Remarks
1	5G2-81673-10-00	ROTOR .....	1	
2	5G2-81671-10-00	BASE, PICKUP .....	1	
3	91316-08030-00	BOLT .....	1	
4	92580-06012-00	SCREW, PAN HEAD (92503-06012) .....	2	
5	92901-06600-00	WASHER (92902-06600) .....	2	
6	93604-08071-00	PIN, DOWEL .....	1	
7	90465-08277-00	CLAMP (90465-08122) .....	1	
8	90465-08156-00	CLAMP .....	1	
9	90465-12160-00	CLAMP .....	1	
10	4H7-81632-00-00	PLATE, TIMING .....	1	
11	92580-06012-00	SCREW, PAN HEAD (92503-06012) .....	1	
12	92990-06200-00	WASHER, PLAIN (92903-06200) .....	1	



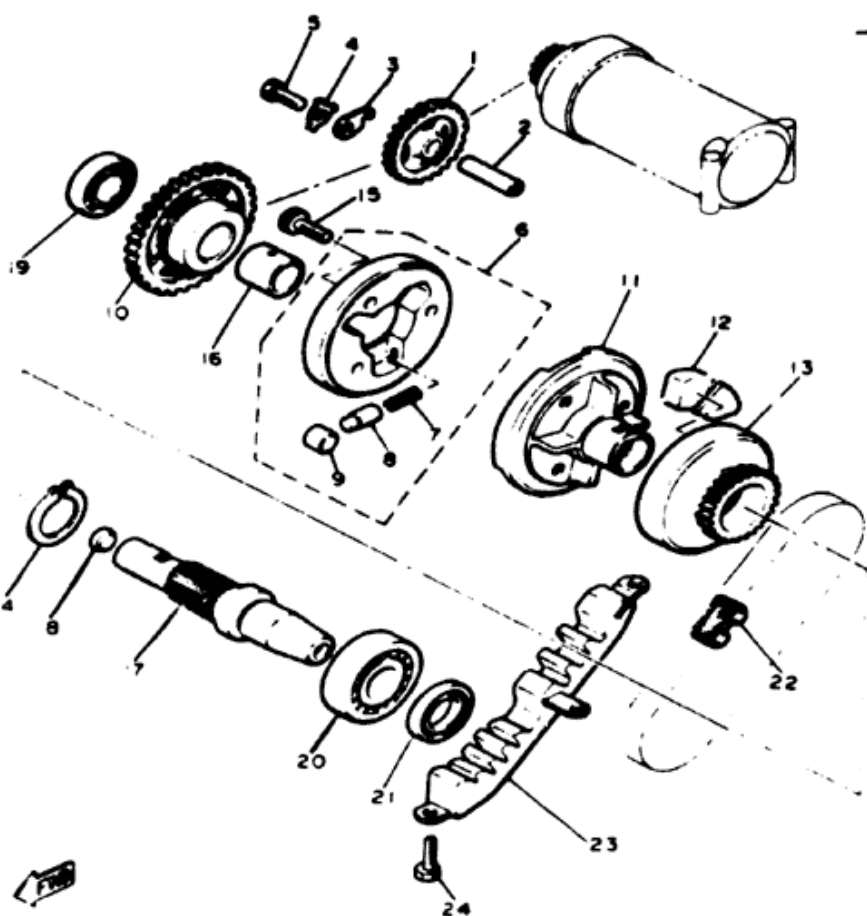


# STARTING MOTOR



4H7110 1152

Ref. No.	Part Number	Description	Qty.	Remarks
1	4K0-81800-50-00	STARTING MOTOR ASS'Y . . . . .	1	
2	4K0-81810-01-00	. STATOR ASS'Y . . . . .	1	
3	4H7-81850-00-00	. ARMATURE ASS'Y . . . . .	1	
4	4H7-81847-01-00	. O-RING . . . . .	1	
5	4H7-15511-00-00	. GEAR, STARTING MOTOR (13T) . . . . .	1	
6	4H7-81819-00-00	. CIRCLIP . . . . .	1	
7	4H7-81845-00-00	. PLATE . . . . .	1	
8	4H7-81843-00-00	. WASHER 1 . . . . .	1	
9	4H7-81840-01-00	. BRUSH HOLDER ASS'Y . . . . .	1	
10	4H7-81811-00-00	. BRUSH 1 . . . . .	1	
11	4H7-81812-01-00	. BRUSH 2 . . . . .	1	
12	4H7-81844-00-00	. GASKET . . . . .	2	
13	4H7-81824-00-00	. WASHER 2 . . . . .	1	
14	4K0-81826-01-00	. BOLT . . . . .	2	
15	4H7-81872-00-00	. NUT, SPECIAL . . . . .	1	
16	92990-05100-00	. WASHER, SPRING (92903-05100) . . . . .	1	
17	95303-06600-00	. NUT (95302-06600) . . . . .	1	
18	4H7-81815-00-00	. WIRE, STARTER . . . . .	1	
19	4H7-81871-00-00	. CAP . . . . .	1	
20	95806-06060-00	. BOLT, FLANGE . . . . .	1	

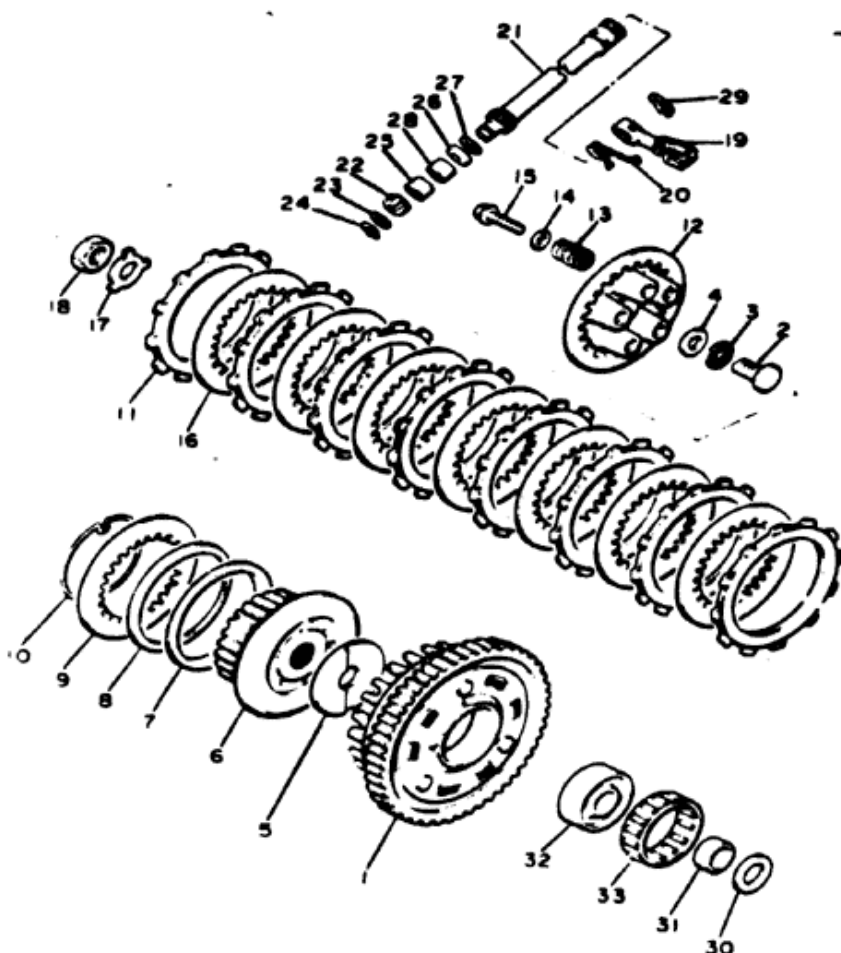


17V700-2200

## STARTER CLUTCH

Ref. No.	Part Number	Description	Qty.	Remarks
1	4H7-15512-00-00	GEAR, IDLER 1 (27T) . . . . .	1	
2	4H7-15521-00-00	SHAFT 1 . . . . .	1	
3	2H7-15531-00-00	PLATE, STOPPER . . . . .	1	
4	90215-06040-00	WASHER, LOCK . . . . .	1	
5	97313-06016-00	BOLT (97301-06016) . . . . .	1	
6	4H7-15590-10-00	STARTER CLUTCH OUTER ASS'Y . . . . .	1	
7	90501-04596-00	. SPRING, COMPRESSION . . . . .	3	
8	341-15583-05-00	. CAP, STARTER CLUTCH SPRING . . . . .	3	
9	93615-12088-00	. PIN, DOWEL . . . . .	3	
10	4H7-15517-00-00	GEAR, IDLER 2 (43T) . . . . .	1	
11	4H7-15524-00-00	WHEEL, STARTER . . . . .	1	
12	4H7-16155-01-00	ABSORBE 1 . . . . .	4	
13	4H7-15519-00-00	SPROCKET, STARTER (21T) . . . . .	1	
14	93410-32052-00	CIRCLIP . . . . .	1	
15	91316-08014-00	BOLT . . . . .	3	
16	90387-202A7-00	COLLAR . . . . .	1	
17	4H7-15522-00-00	SHAFT 2 . . . . .	1	
18	90331-12028-00	PLUG . . . . .	1	
19	93306-00401-00	BEARING (B6004) . . . . .	1	
20	93306-20541-00	BEARING (B6205) . . . . .	1	
21	93102-25218-00	OIL SEAL . . . . .	1	
22	4H7-11456-00-00	CHAIN, PRIMARY . . . . .	1	
23	4H7-11474-01-00	GUIDE, UPPER (4H7-11474-00) . . . . .	1	
24	97301-06014-00	BOLT . . . . .	3	

# CLUTCH

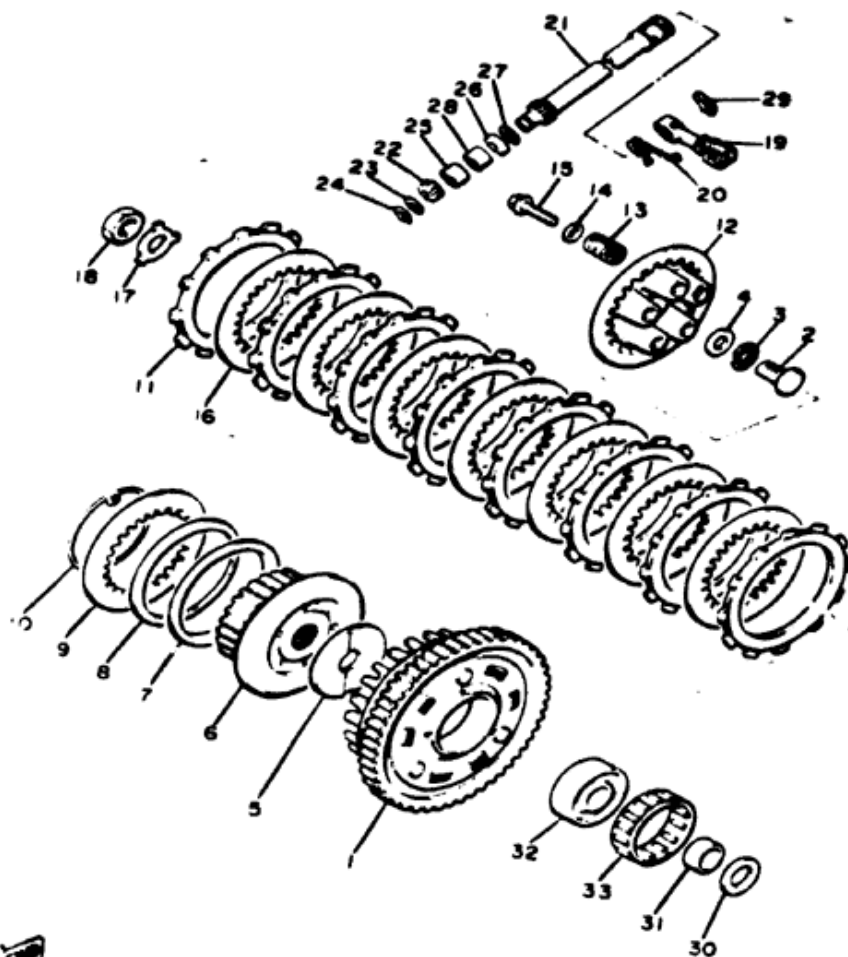


Ref. No.	Part Number	Description	Qty.	Remarks
1	4H7-16150-10-00	PRIMARY DRIVEN GEAR COMP (97T) .....	1	
2	4H7-16356-00-00	ROD, PUSH 1 .....	1	
3	93340-21505-00	BEARING .....	1	
4	90201-154E9-00	WASHER, PLATE (90201-151A7) .....	1	
5	4H7-16154-00-00	PLATE, THRUST 1 .....	1	
6	4H7-16371-01-00	BOSS, CLUTCH .....	1	
7	1J7-16384-00-00	PLATE, SEAT .....	1	
8	5G2-16383-00-00	SPRING, CLUTCH BOSS .....	1	
9	168-16324-00-00	PLATE, CLUTCH 1 .....	1	
10	1J7-16385-00-00	RING, CLUTCH BOSS .....	1	
11	4H7-16321-00-00	PLATE, FRICTION .....	8	
12	4H7-16351-00-00	PLATE, PRESSURE 1 .....	1	
13	90501-23391-00	SPRING, COMPRESSION .....	5	
14	90201-061A5-00	WASHER, PLATE .....	5	
15	95811-06025-00	BOLT, FLANGE (95821-06025) .....	5	
16	4H7-16325-00-00	PLATE, CLUTCH 2 .....	7	
17	90215-20231-00	WASHER, LOCK .....	1	
18	90170-20327-00	NUT (90170-20257) .....	1	
19	4W5-16340-00-00	PUSH LEVER ASS'Y .....	1	
20	90508-16459-00	SPRING, RETURN (4W5-16345-00) .....	1	

See Service Data, Grid J-1

C-6

# CLUTCH



Ref. No.	Part Number	Description	Qty.	Remarks
21	4W5-16382-00-00	AXLE, PUSH LEVER . . . . .	1	
22	4H7-16398-00-00	PINION, RELEASE (16T) . . . . .	1	
23	92901-08600-00	WASHER, PLATE . . . . .	1	
24	99001-07600-00	CIRCLIP (93430-07012) . . . . .	1	
25	93317-11020-00	BEARING, CYLINDRICAL . . . . .	1	
26	93102-12224-00	OIL SEAL . . . . .	1	
27	[4W5-16144-00]	WASHER 1 . . . . .	1	
28	93315-11206-00	BEARING, CYLINDRICAL . . . . .	1	
29	[4W5-16328-00]	CLIP . . . . .	1	
30	2K7-16154-00-00	PLATE, THRUST 1 . . . . .	1	
31	90387-252A8-00	COLLAR . . . . .	1	
32	4H7-16181-00-00	SPACER 1 . . . . .	1	
33	93310-365H3-00	BEARING, CYLINDRICAL . . . . .	1	

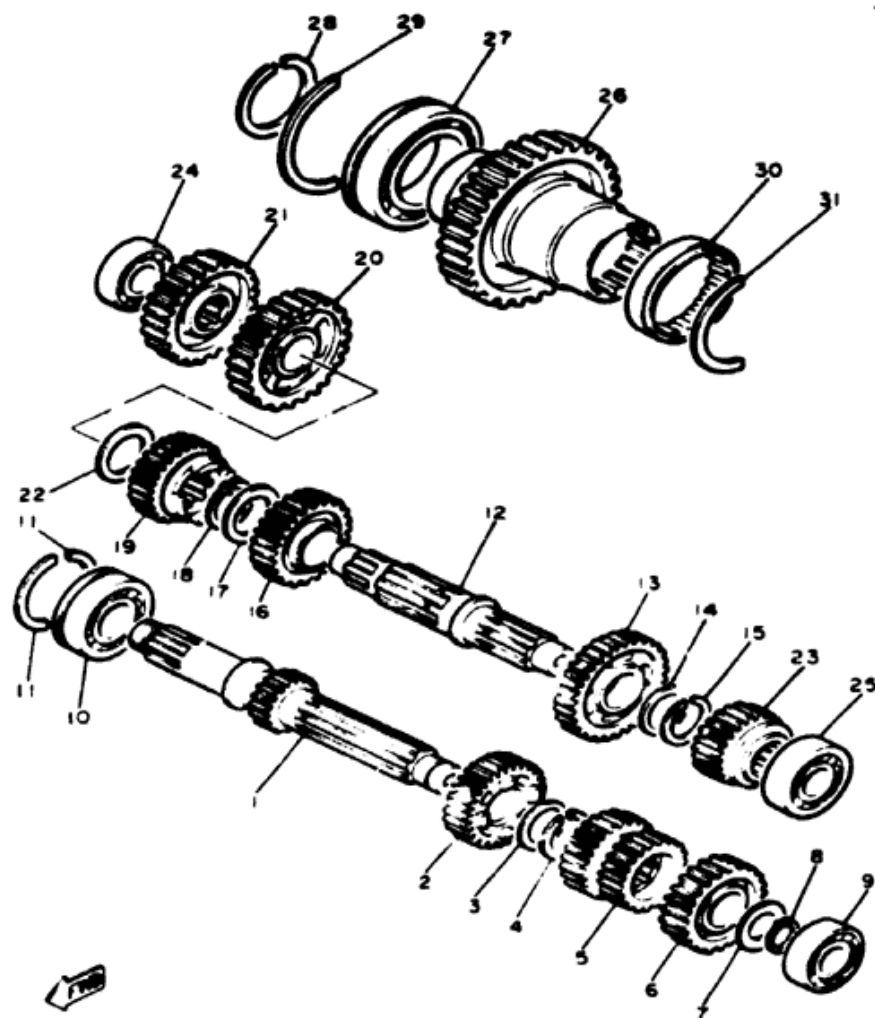
See Service Data, Grid J-1

C-7



5G2110 1171

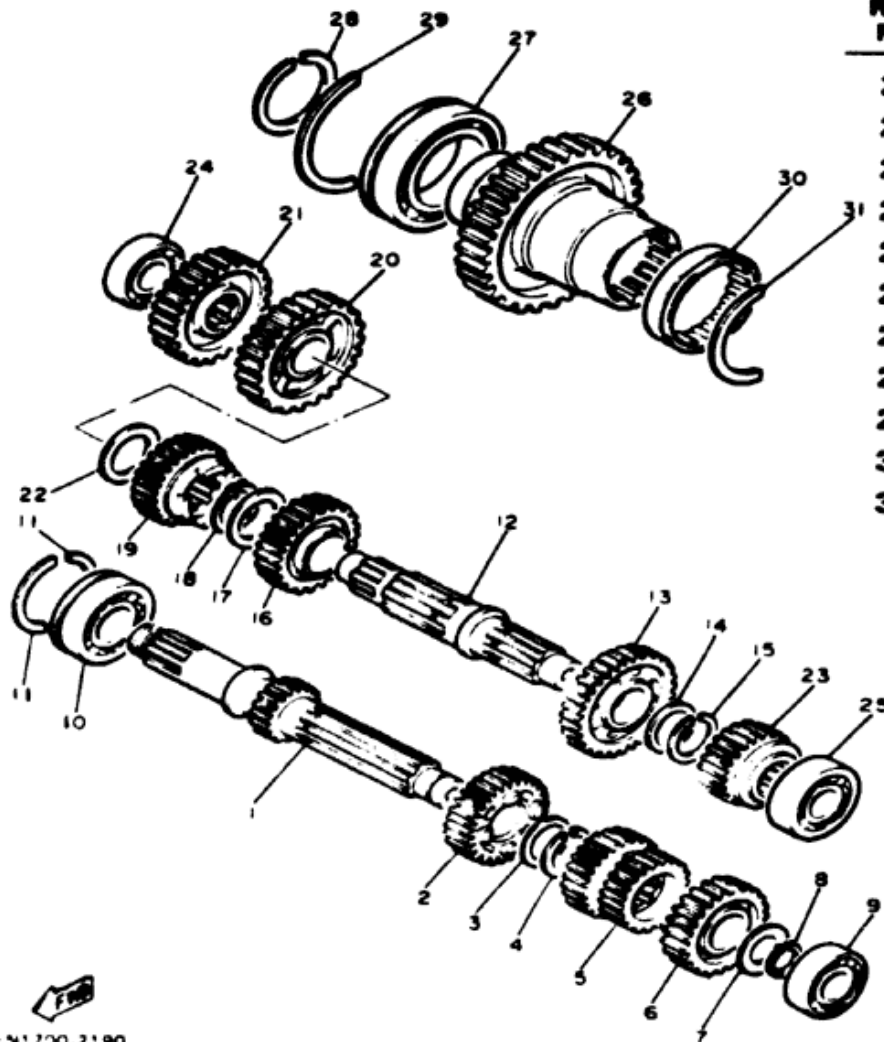
# TRANSMISSION



Ref. No.	Part Number	Description	Qty.	Remarks
1	4H7-17401-00-00	MAIN AXLE ASS'Y (16T) . . . . .	1	
2	4H7-17141-00-00	GEAR, 4TH PINION (30T) . . . . .	1	
3	90209-22191-00	WASHER . . . . .	1	
4	93440-25084-00	CIRCLIP (93440-25019) . . . . .	1	
5	4H7-17121-00-00	GEAR, 2ND/3RD PINION (20/26T) . . . . .	1	
6	4H7-17151-00-00	GEAR, 5TH PINION (32T) . . . . .	1	
7	90201-20276-00	WASHER, PLATE . . . . .	1	
8	99009-20400-00	CIRCLIP (93410-20009) . . . . .	1	
9	93306-20458-00	BEARING (B6204)(93306-20434) . . . . .	1	
10	93306-30528-00	BEARING (B6305Z) . . . . .	1	UR
11	278-17424-01-00	CIRCLIP 1 . . . . .	2	
12	4H7-17402-01-00	DRIVE AXLE ASS'Y . . . . .	1	
13	4H7-17221-01-00	GEAR, 2ND WHEEL (30T) . . . . .	1	
14	90209-22191-00	WASHER . . . . .	1	
15	93440-25084-00	CIRCLIP (93440-25019) . . . . .	1	
16	4H7-17231-01-00	GEAR, 3RD WHEEL (30T) . . . . .	1	
17	90209-25196-00	WASHER . . . . .	1	
18	93440-28062-00	CIRCLIP . . . . .	1	
19	4H7-17241-00-00	GEAR, 4TH WHEEL (28T) . . . . .	1	
20	4H7-17211-01-00	GEAR, 1ST WHEEL (35T) . . . . .	1	

See Service Data, Grid J-1

# TRANSMISSION

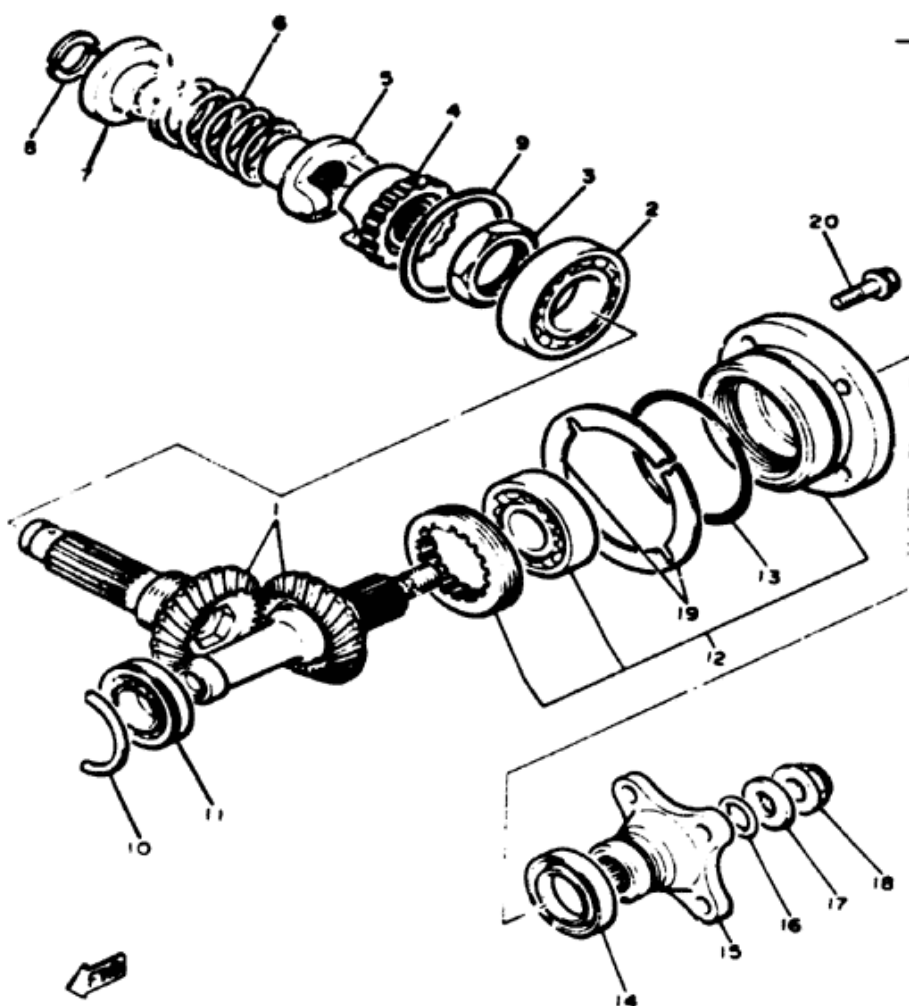


1-41700-2190

Ref. No.	Part Number	Description	Qty.	Remarks
21	4H7-17582-00-00	GEAR, MIDDLE DRIVE (36T) . . .	1	
22	90201-243A2-00	WASHER, PLATE . . . . .	1	
23	16G-17251-00-00	GEAR, 5TH WHEEL (26T) . . . .	1	
24	93306-30311-00	BEARING . . . . .	1	
25	93306-30425-00	BEARING (83A581A) . . . . .	1	
26	4L6-17583-00-00	GEAR, MIDDLE DRIVEN (48T) . .	1	
27	93306-91101-00	BEARING (B6911) . . . . .	1	
28	93410-55057-00	CIRCLIP . . . . .	1	
29	93440-80062-00	CIRCLIP . . . . .	1	
30	93311-36042-00	BEARING, cylindrical . . . . .	1	
31	93440-72049-00	CIRCLIP . . . . .	1	

See Service Data, Grid J-1

## MIDDLE DRIVE GEAR

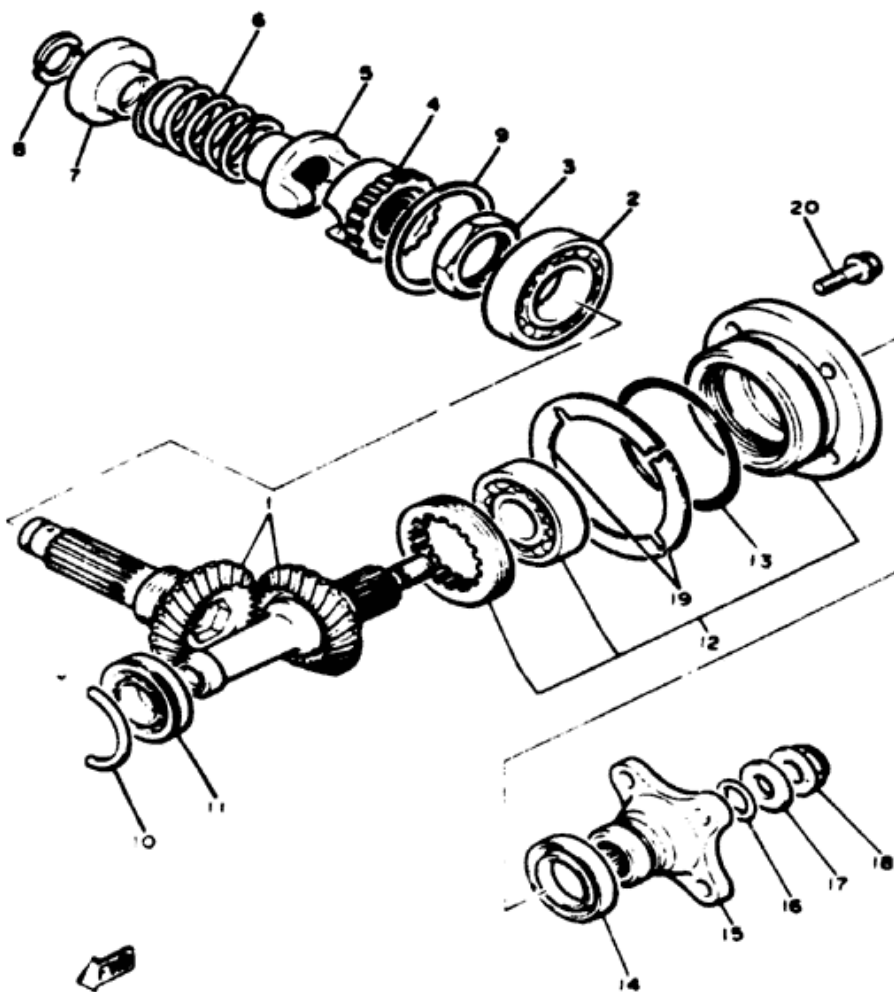


3H7110 1190

Ref. No.	Part Number	Description	Qty.	Remarks
1	4H7-W1751-00-00	MIDDLE GEAR SET .....	1	
2	93306-20709-00	BEARING (B6207) .....	1	
3	90179-34304-00	NUT .....	1	
4	4H7-17526-02-00	CAM, DRIVE .....	1	
5	4H7-17527-00-00	CAM, DRIVEN .....	1	
6	90501-85575-00	SPRING, COMPRESSION .....	1	
7	4H7-17524-00-00	HOLDER .....	1	
8	3H5-17529-00-00	WASHER, THRUST .....	2	
9	4H7-17537-00-20	SHIM, THRUST (0.15T) (4H7-17537-00-15) .....	1	UR
	4H7-17537-00-20	SHIM, THRUST (0.20T) .....	1	UR
	4H7-17537-00-30	SHIM, THRUST (0.30T) .....	1	UR
	4H7-17537-00-40	SHIM, THRUST (0.40T) .....	1	UR
	4H7-17537-00-40	SHIM, THRUST (0.50T) (4H7-17537-00-50) .....	1	UR
10	93440-47081-00	CIRCLIP .....	1	
11	93306-00508-00	BEARING (B6005) .....	1	
12	4H7-W1752-00-00	HOUSING COMP .....	1	
13	93210-71360-00	O-RING .....	1	
14	93101-35097-00	OIL SEAL .....	1	
15	4H7-17555-00-00	FLANGE, MIDDLE GEAR .....	1	
16	93210-14359-00	O-RING .....	1	

See Service Data, Grid J-1

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4H7110 1190

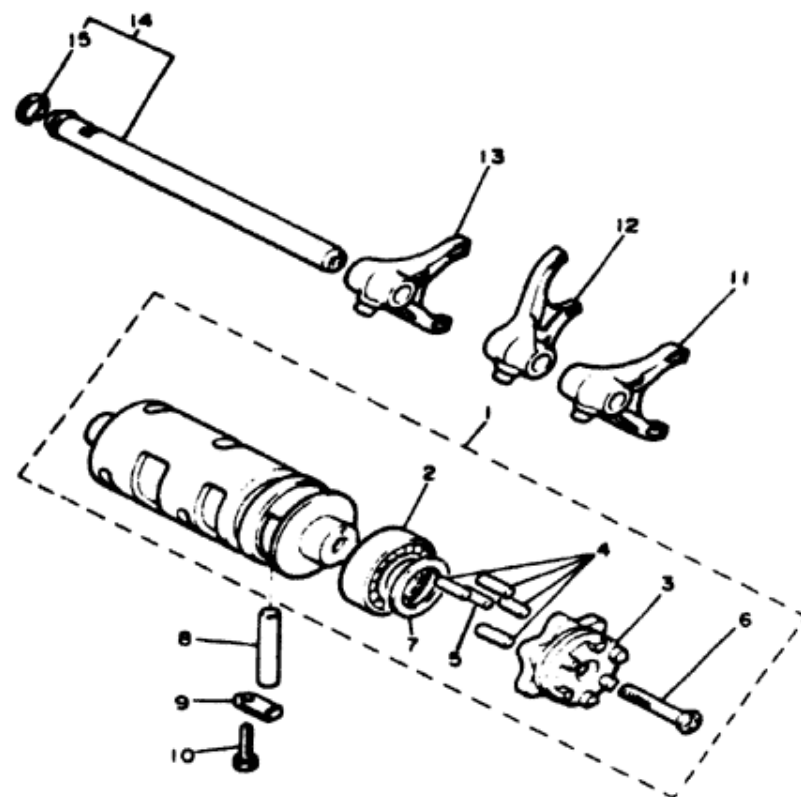
## MIDDLE DRIVE GEAR

Ref. No.	Part Number	Description	Qty.	Remarks
17	90201-14633-00	WASHER, PLATE . . . . .	1	
18	90179-14317-00	NUT . . . . .	1	
19	4H7-17531-00-10	SHIM, PINION (0.10T) . . . . .	1	UR
	4H7-17531-00-15	SHIM, PINION (0.15T) . . . . .	1	UR
	4H7-17531-00-20	SHIM, PINION (0.20T) . . . . .	1	UR
	4H7-17531-00-30	SHIM, PINION (0.30T) . . . . .	1	UR
	4H7-17531-00-40	SHIM, PINION (0.40T) . . . . .	1	UR
	4H7-17531-00-40	SHIM, PINION (0.50T) . . . . .	1	UR
		(4H7-17531-00-50) . . . . .	1	UR
20	95811-08030-00	BOLT, FLANGE (95821-08030) . . . . .	4	

See Service Data, Grid J-1



# SHIFT CAM - FORK

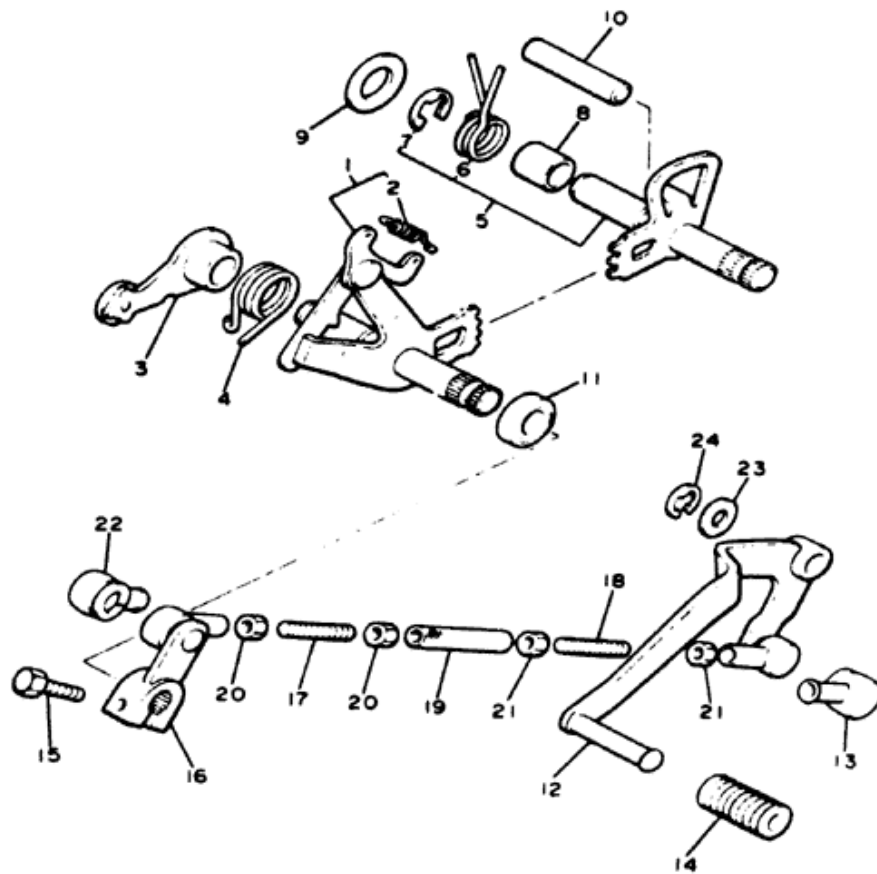


Ref. No.	Part Number	Description	Qty.	Remarks
1	16G-18540-00-00	SHIFT CAM ASS'Y	1	
2	93306-90501-00	. BEARING	1	
3	[16G-18185-00-00]	. SEGMENT	1	
4	93604-16092-00	. PIN, DOWEL	4	
5	93604-10011-00	. PIN, DOWEL	1	
6	98701-05035-00	. SCREW, FLAT HEAD	1	
7	117-15644-00-00	. SHIM	1	
8	93608-43157-00	PIN, DOWEL	1	
9	2H7-15531-00-00	PLATE, STOPPER	1	
10	97313-06016-00	BOLT (97301-06016)	1	
11	4H7-18511-01-00	FORK, SHIFT 1	1	
12	4H7-18512-01-00	FORK, SHIFT 2	1	
13	4H7-18513-01-00	FORK, SHIFT 3	1	
14	4H7-18531-00-00	BAR, SHIFT FORK GUIDE 1	1	
15	93440-11029-00	. CIRCLIP	1	



16G110-3241

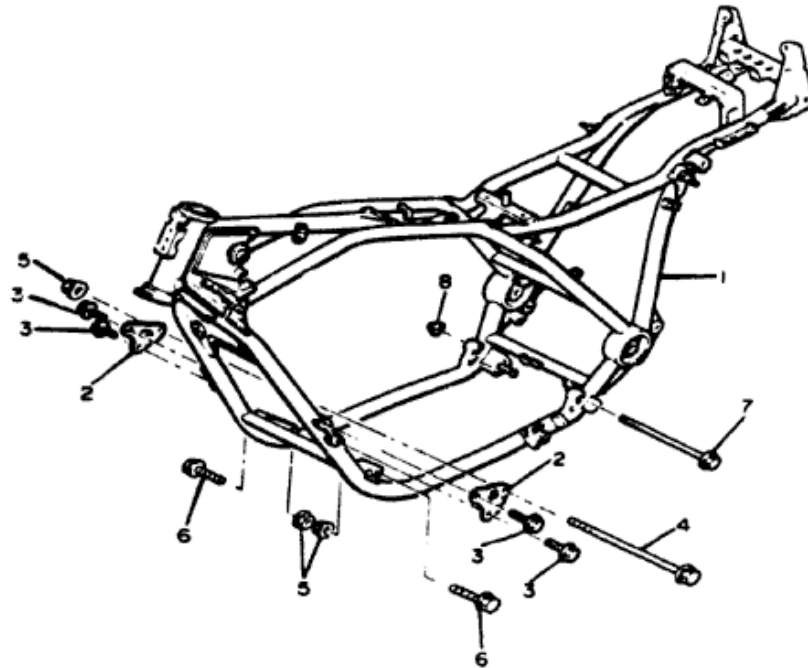
# SHIFT SHAFT



33N110-3210

Ref. No.	Part Number	Description	Qty.	Remarks
1	16G-18101-00-00	SHIFT SHAFT ASS'Y . . . . .	1	
2	90506-08227-00	. SPRING, TENSION . . . . .	1	
3	4H7-18140-00-00	STOPPER LEVER ASS'Y . . . . .	1	
4	90508-29530-00	SPRING, TORSION . . . . .	1	
5	4K0-18120-01-00	SHIFT LEVER ASS'Y . . . . .	1	
6	90508-32535-00	. SPRING, TORSION . . . . .	1	
7	99001-10600-00	. CIRCLIP (93430-10016) . . . . .	1	
8	90387-124F4-00	COLLAR . . . . .	1	
9	90201-12166-00	WASHER, PLATE . . . . .	1	
10	93608-50158-00	PIN, DOWEL . . . . .	1	
11	93102-12106-00	OIL SEAL . . . . .	1	
12	15R-18111-00-00	PEDAL, SHIFT (33N-18111-00) . . . . .	1	
13	2H9-18154-00-00	COVER, DUST . . . . .	1	
14	132-18113-01-00	COVER, SHIFT PEDAL . . . . .	1	
15	97016-06020-00	BOLT . . . . .	1	
16	15R-18112-00-00	ARM, SHIFT (33N-18112-00) . . . . .	1	
17	90116-06416-00	BOLT, STUD . . . . .	1	
18	90116-06417-00	BOLT, STUD . . . . .	1	
19	33N-18115-00-00	ROD, SHIFT . . . . .	1	
20	95316-06700-00	NUT (95306-06700) . . . . .	2	
21	90170-06228-00	NUT (90170-06289) . . . . .	2	
22	2H9-18154-00-00	COVER, DUST . . . . .	1	
23	90201-124E4-00	WASHER, PLATE . . . . .	1	
24	99006-10600-00	CIRCLIP (93430-10034) . . . . .	1	

# FRAME



Ref. No.	Part Number	Description	Qty.	Remarks
1	22R-21110-00-98	FRAME COMP . . . . .	1	LOW GLOSS BK
2	4H7-21315-00-00	STAY, ENGINE 2 . . . . .	2	
3	95826-08012-00	BOLT, FLANGE . . . . .	4	
4	90105-10178-00	BOLT, WASHER BASED . . . . .	1	
5	90179-10321-00	NUT . . . . .	3	
6	90105-10179-00	BOLT, WASHER BASED . . . . .	2	
7	90105-12274-00	BOLT, WASHER BASED . . . . .	1	
8	90179-12323-00	NUT . . . . .	1	

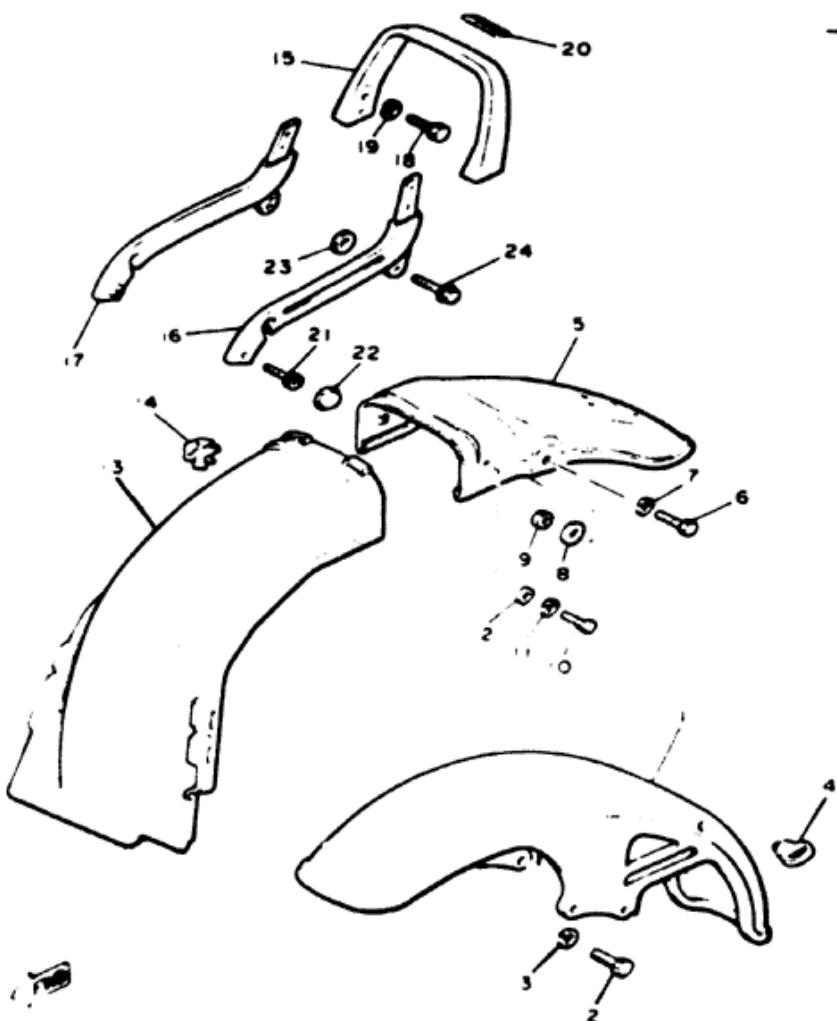


22R110-3220

**See Service Data, Grid J-1**

**E-1**

# FENDER



Ref. No.	Part Number	Description	Qty.	Remarks
1	24M-21510-00-6G	FRONT FENDER COMP . . . . .	1	NW YAMAHA BLACK
2	97313-08020-00	BOLT (97301-08020) . . . . .	4	
3	92990-08100-00	WASHER, SPRING (92990-08100) . . . . .	4	
4	1A0-21518-00-00	HOLDER, CABLE . . . . .	1	
5	33N-21610-00-6G	REAR FENDER COMP . . . . .	1	NW YAMAHA BLACK
6	97016-08020-00	BOLT (97306-08020) . . . . .	2	
7	92906-08100-00	WASHER, SPRING . . . . .	2	
8	92990-08200-00	WASHER (92902-08200) . . . . .	2	
9	95303-08600-00	NUT (95301-08600) . . . . .	2	
10	97026-06012-00	BOLT (97306-06012) . . . . .	2	
11	92906-06100-00	WASHER, SPRING . . . . .	2	
12	92906-06600-00	WASHER, PLATE . . . . .	2	
13	15R-21629-00-00	GUARD, MUD . . . . .	1	
14	90464-16021-00	CLAMP . . . . .	1	
15	15R-2164A-00-00	GRIP 1 . . . . .	1	
16	33N-2164F-00-00	STAY 1 . . . . .	1	
17	33N-2164G-00-00	STAY 2 . . . . .	1	
18	97313-08016-00	BOLT (97326-08016) . . . . .	4	
19	92906-08100-00	WASHER, SPRING . . . . .	4	
20	33N-21787-00-00	EMBLEM . . . . .	1	
21	91311-08035-00	BOLT . . . . .	2	
22	341-23469-00-00	CAP, BOLT . . . . .	2	
23	90201-090F4-00	WASHER, PLATE . . . . .	2	
24	95816-08025-00	BOLT, FLANGE (95826-08025) . . . . .	2	

# SIDE COVER

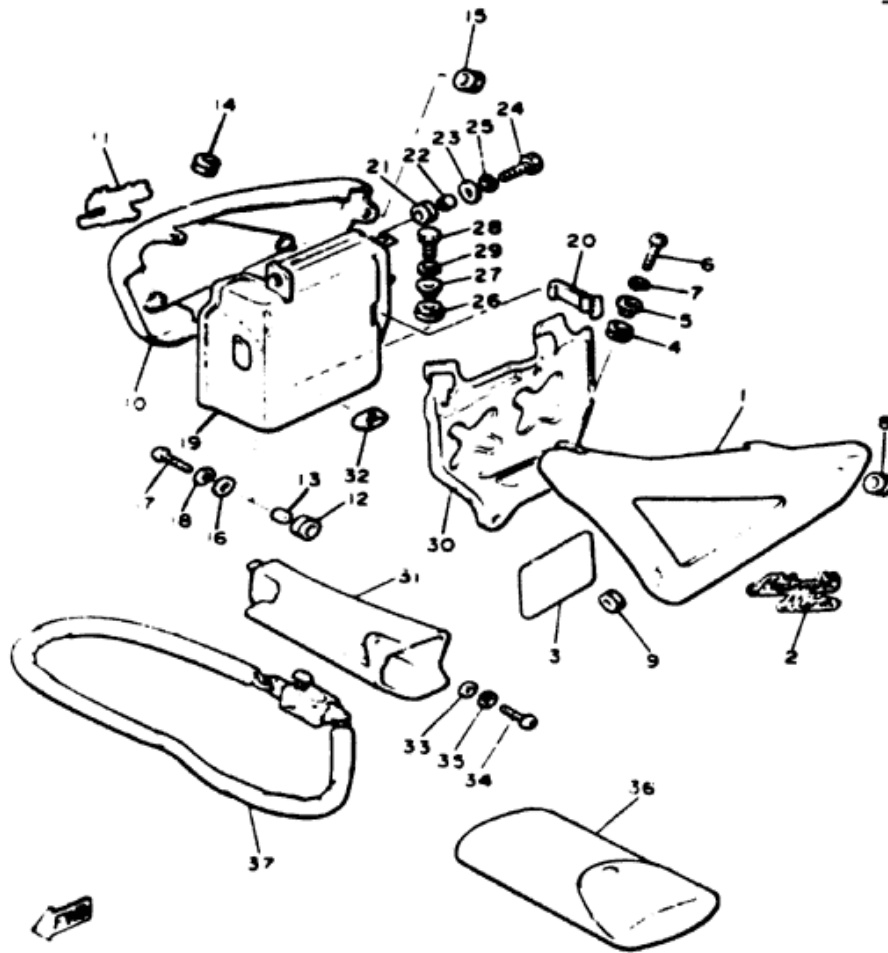
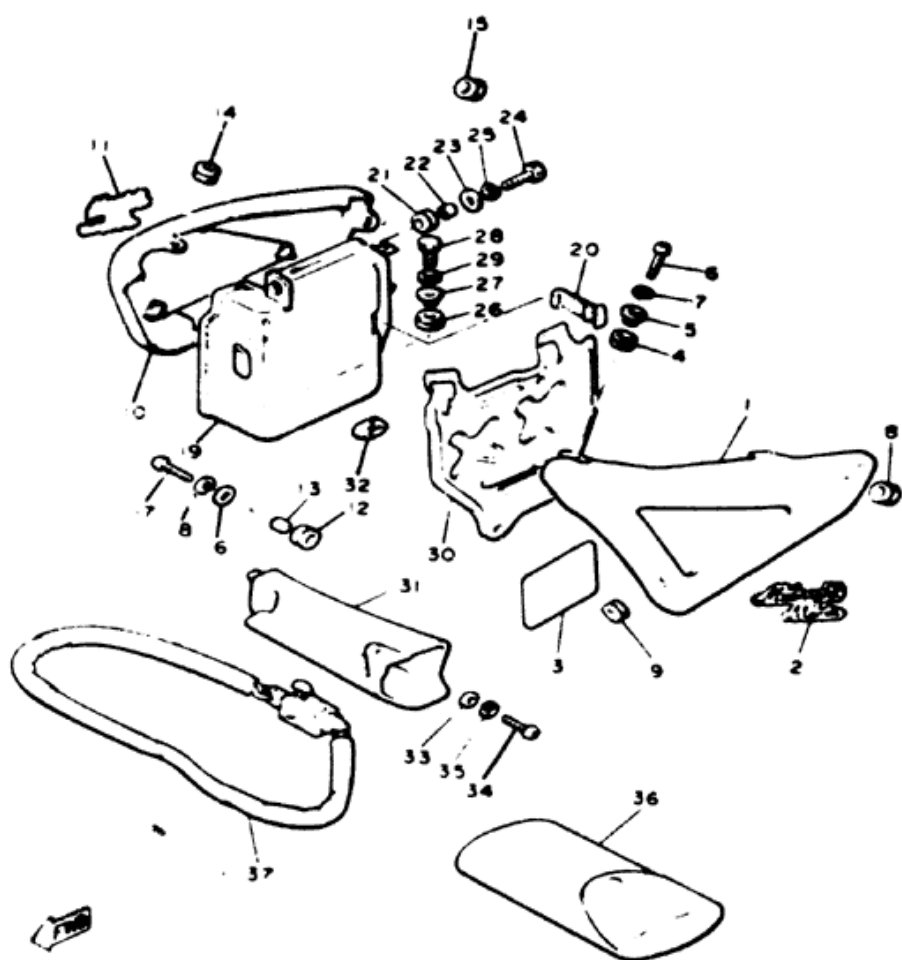


FIG. 10 3240

Ref. No.	Part Number	Description	Qty.	Remarks
1	33N-21710-00-6G	SIDE COVER ASS'Y 1	1	NW YAMAHA BLACK
2	33N-21781-00-00	EMBLEM 1	1	
3	5G2-21683-20-00	PLATE, SPECIFICATION	1	
4	90480-10297-00	GROMMET	1	
5	90387-06024-00	COLLAR	1	
6	92506-06016-00	SCREW, PAN HEAD	1	
7	92906-06100-00	WASHER, SPRNG	1	
8	90480-11224-00	GROMMET	1	
9	90480-12296-00	GROMMET	1	
10	33N-21720-00-6G	SIDE COVER ASS'Y 2	1	NW YAMAHA BLACK
11	33N-21782-00-00	EMBLEM 2	1	
12	90480-10297-00	GROMMET	1	
13	90387-060E7-00	COLLAR	1	
14	90480-12261-00	GROMMET	1	
15	90480-11224-00	GROMMET	1	
16	90201-062A8-00	WASHER, PLATE	1	
17	92506-06020-00	SCREW, PAN HEAD	1	
18	92906-06100-00	WASHER, SPRING	1	
19	5G2-21240-00-00	BOX COMP	1	
20	4H7-2175R-00-00	HOOK, BANK	1	

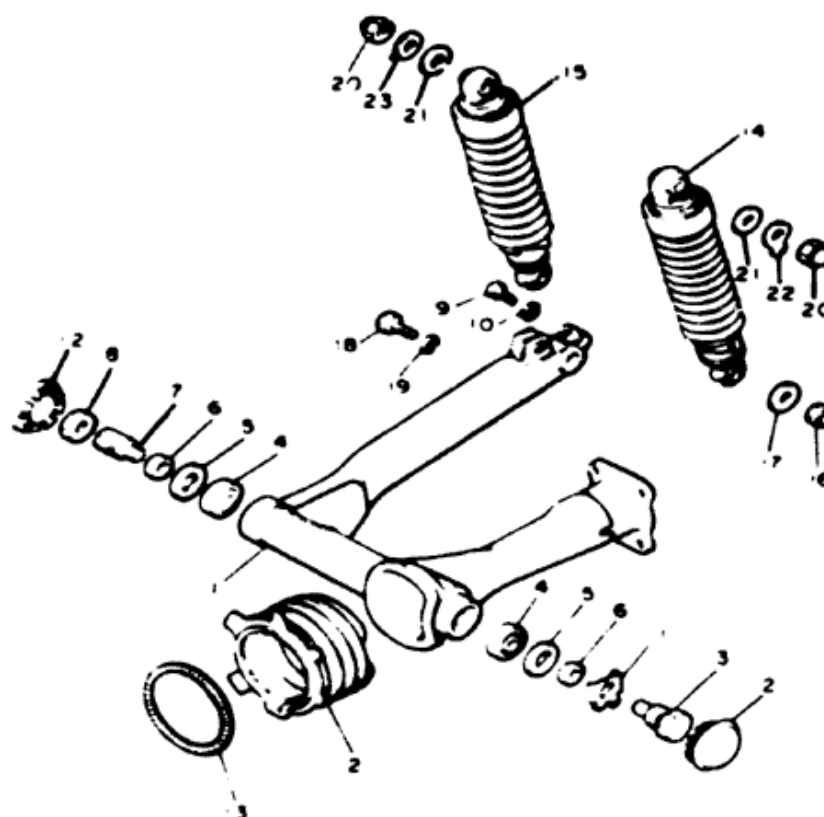
## SIDE COVER



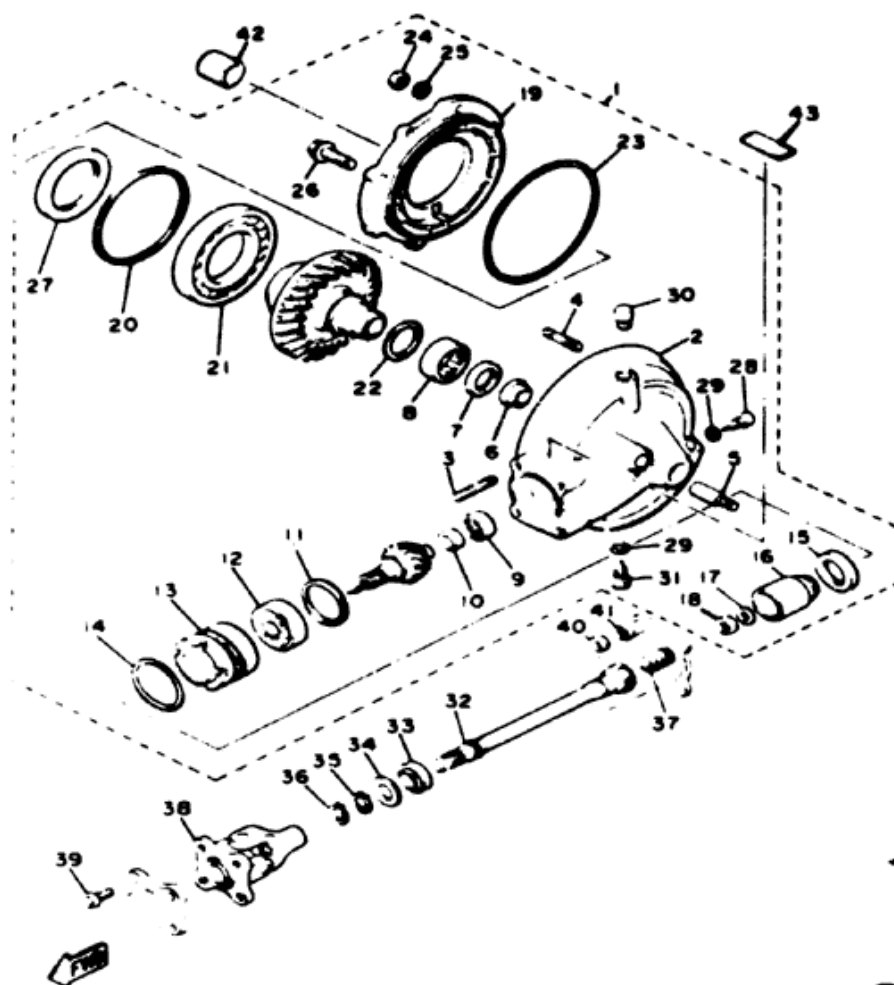
Ref. No.	Part Number	Description	Qty.	Remarks
21	90480-16233-00	GROMMET	1	
22	90387-060A7-00	COLLAR	1	
23	90201-06407-00	WASHER, PLATE	1	
24	97011-06025-00	BOLT (97322-06025)	1	
25	92990-06100-00	WASHER, SPRING (92903-06100)	1	
26	4H7-21746-00-00	DAMPER	1	
27	90387-06617-00	COLLAR	1	
28	97013-06025-00	BOLT (97321-06025)	1	
29	92990-06100-00	WASHER, SPRING (92902-06100)	1	
30	4H7-21243-01-00	PLATE, BRIDGE	1	
31	4H7-21258-00-00	BOX	1	
32	90480-22084-00	GROMMET	1	
33	90201-065F3-00	WASHER, PLATE (90201-06557)	1	
34	92580-06020-00	SCREW, PAN HEAD (92503-06020)	1	
35	92990-06100-00	WASHER, SPRING (92903-06100)	1	
36	5G2-28100-00-00	TOOL KIT	1	
37	4W5-W2171-00-00	WHEEL LOCK ASS'Y	1	

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## SWING ARM - REAR SHOCKS



Ref. No.	Part Number	Description	Qty.	Remarks
1	16G-22110-00-98	REAR ARM COMP (4H7-22110-00-98) . . . . .	1	LW GLOSS BLACK
2	4H7-22189-00-00	BOOT, RUBBER . . . . .	1	
3	4H7-22141-00-00	SHAFT, PIVOT . . . . .	1	
4	93332-00010-00	BEARING . . . . .	2	
5	93102-26017-00	OIL SEAL . . . . .	2	
6	90387-17543-00	COLLAR . . . . .	2	
7	1J7-22141-00-00	SHAFT, PIVOT . . . . .	1	
8	1J7-22143-00-00	NUT . . . . .	1	
9	97026-08035-00	BOLT (97306-08035) . . . . .	1	
10	92906-08100-00	WASHER, SPRING . . . . .	1	
11	90215-22238-00	WASHER, LOCK (90215-22171) . . . . .	1	
12	4H3-2219X-00-00	COVER . . . . .	2	
13	90506-07136-00	SPRING, TENSION . . . . .	1	
14	[33N-22210-00-00]	SHOCK ABSORBER ASS'Y, REAR . . . . .	1	
15	33N-22210-10-00	SHOCK ABSORBER ASS'Y, REAR . . . . .	1	
16	90176-10013-00	NUT, CROWN (90176-10027) . . . . .	1	
17	90201-10437-00	WASHER, PLATE (90201-104A5) . . . . .	1	
18	90106-10039-00	BOLT . . . . .	1	
19	92906-10100-00	WASHER, SPRING . . . . .	1	
20	90176-10013-00	NUT, CROWN . . . . .	2	
21	90201-10142-00	WASHER, PLATE . . . . .	2	
22	4W5-22243-00-00	WASHER 1 . . . . .	1	
23	4W5-22244-00-00	WASHER 2 . . . . .	1	



J3N110 3260

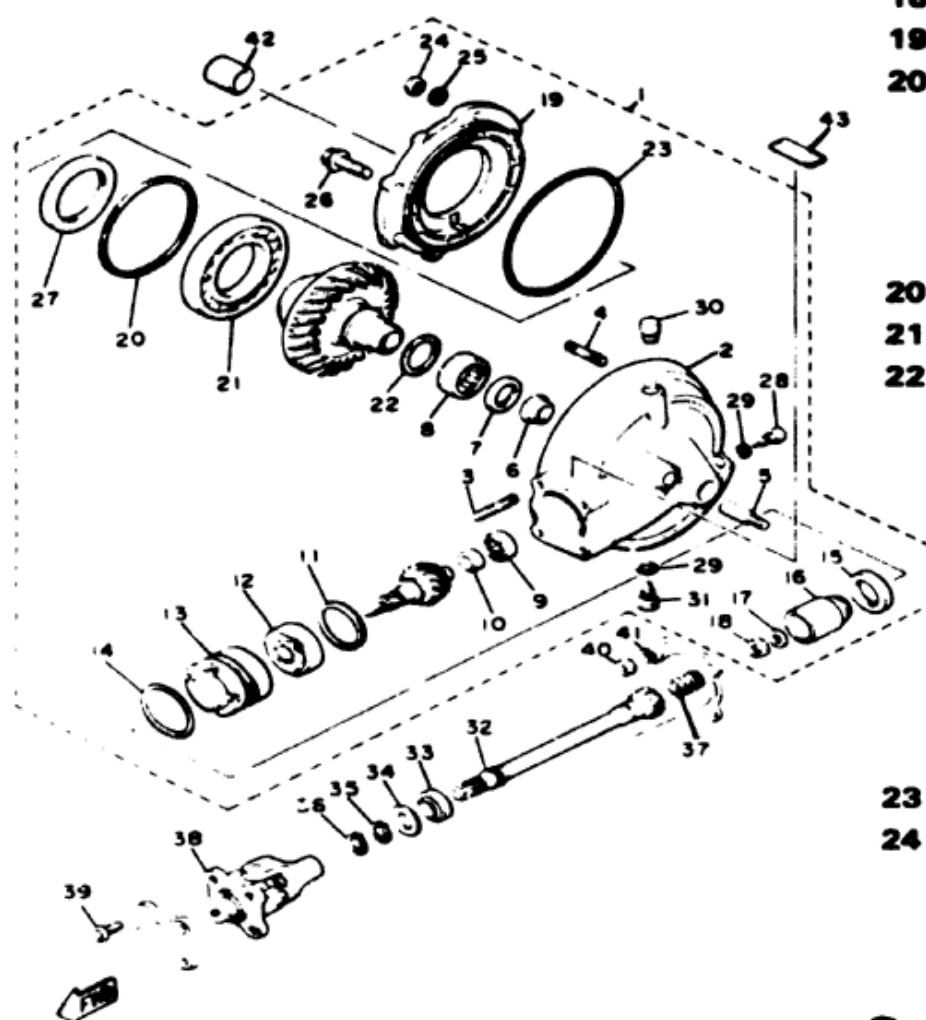
## DRIVE SHAFT

Ref. No.	Part Number	Description	Qty.	Remarks
1	4W5-46101-00-00	REAR AXLE GEAR CASE ASS'Y	1	
2	4W5-46151-01-00	. HOUSING, DRIVE SHAFT . . . .	1	
3	90116-10361-00	. BOLT, STUD (90116-10362) . .	4	
4	90116-08360-00	. BOLT, STUD . . . . .	6	
5	90116-10249-00	. BOLT, STUD . . . . .	1	
6	4H7-46153-00-00	. COLLAR, GUIDE . . . . .	1	
7	93101-30084-00	. OIL SEAL . . . . .	1	
8	93311-43729-00	. BEARING, CYLINDRICAL . . . .	1	
9	93317-41510-00	. BEARING, CYLINDRICAL . . . .	1	
10	2H7-46122-00-00	. RACE, INNER . . . . .	1	
11	1J7-17537-Y0-30	. SHIM, THRUST (0.15T) (1J7-17537-Y0-15) . . . . .	1	UR
	1J7-17537-Y0-30	. SHIM, THRUST (0.30T) . . . .	1	UR
	1J7-17537-Y0-40	. SHIM, THRUST (0.40T) . . . .	1	UR
	1J7-17537-Y0-50	. SHIM, THRUST (0.50T) . . . .	1	UR
	1J7-17537-Y0-60	. SHIM, THRUST (0.60T) (1J7-17537-Y0-60) . . . . .	1	UR
12	93306-30524-00	. BEARING (B6305) . . . . .	1	
13	4H7-46125-00-00	. RETAINER, BEARING . . . . .	1	
14	93210-60426-00	. O-RING . . . . .	1	
15	93101-38098-00	. OIL SEAL . . . . .	1	
16	4H7-46123-00-00	. COUPLING, GEAR . . . . .	1	
17	90201-14632-00	. WASHER, PLATE . . . . .	1	

See Service Data, Grid J-1



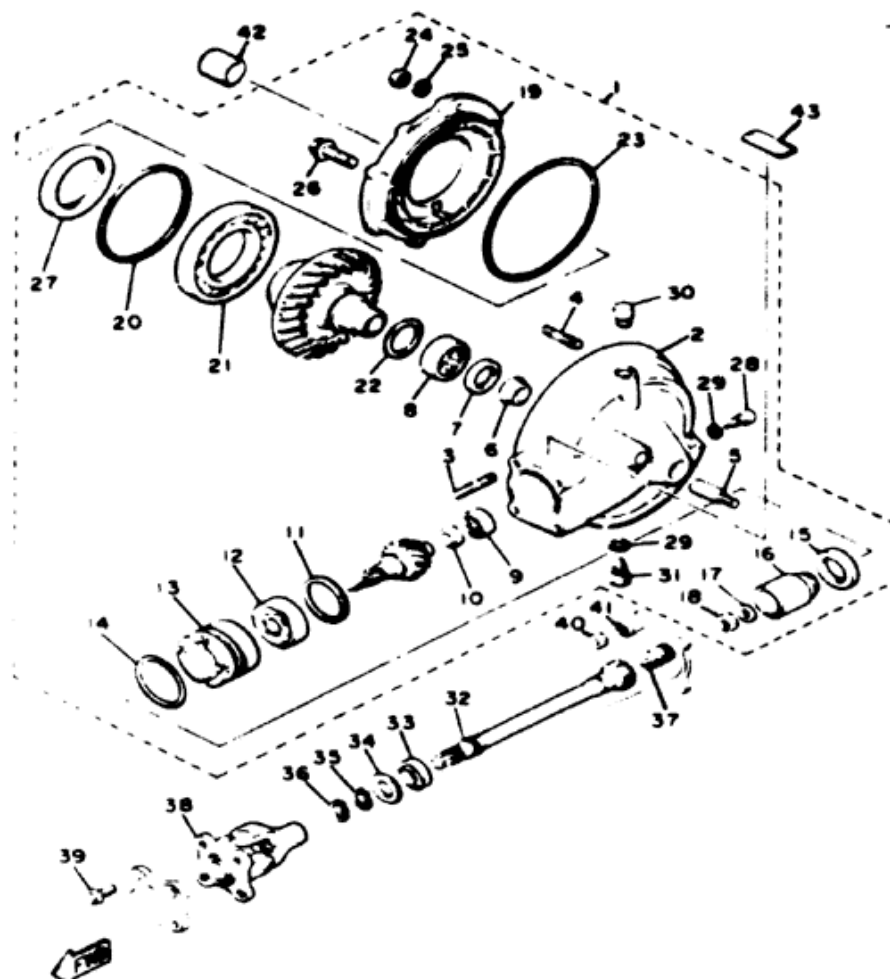
# DRIVE SHAFT



334110-3280

Ref. No.	Part Number	Description	Qty.	Remarks
18	90185-14070-00	NUT, SELF-LOCKING	1	
19	4H7-46152-00-00	HOUSING, BEARING	1	
20	1J7-46117-Y0-25	SHIM, RING GEAR (0.25T)	1	UR
	1J7-46117-Y0-30	SHIM, RING GEAR (0.30T)	1	UR
	1J7-46117-Y0-35	SHIM, RING GEAR (0.35T)	1	UR
	1J7-46117-Y0-40	SHIM, RING GEAR (0.40T)	1	UR
	1J7-46117-Y0-45	SHIM, RING GEAR (0.45T)	1	UR
20	1J7-46117-Y0-50	SHIM, RING GEAR (0.50T)	1	UR
21	93316-01403-00	BEARING, CYLINDRICAL	1	
22	1J7-46118-Y0-18	WASHER, THRUST (1.8T)	1	UR
	1J7-46118-Y0-19	WASHER, THRUST (1.9T)	1	UR
	1J7-46118-Y0-20	WASHER, THRUST (2.0T)	1	UR
	1J7-46118-Y0-21	WASHER, THRUST (2.1T)	1	UR
	1J7-46118-00-14	WASHER, THRUST (1.4T)	1	UR
	1J7-46118-00-15	WASHER, THRUST (1.5T)	1	UR
	1J7-46118-00-16	WASHER, THRUST (1.6T)	1	UR
	1J7-46118-00-17	WASHER, THRUST (1.7T)	1	UR
	1J7-46118-00-22	WASHER, THRUST (2.2T)	1	UR
	1J7-46118-00-23	WASHER, THRUST (2.3T)	1	UR
23	93211-44348-00	O-RING	1	
24	95311-08600-00	NUT	6	

See Service Data, Grid J-1



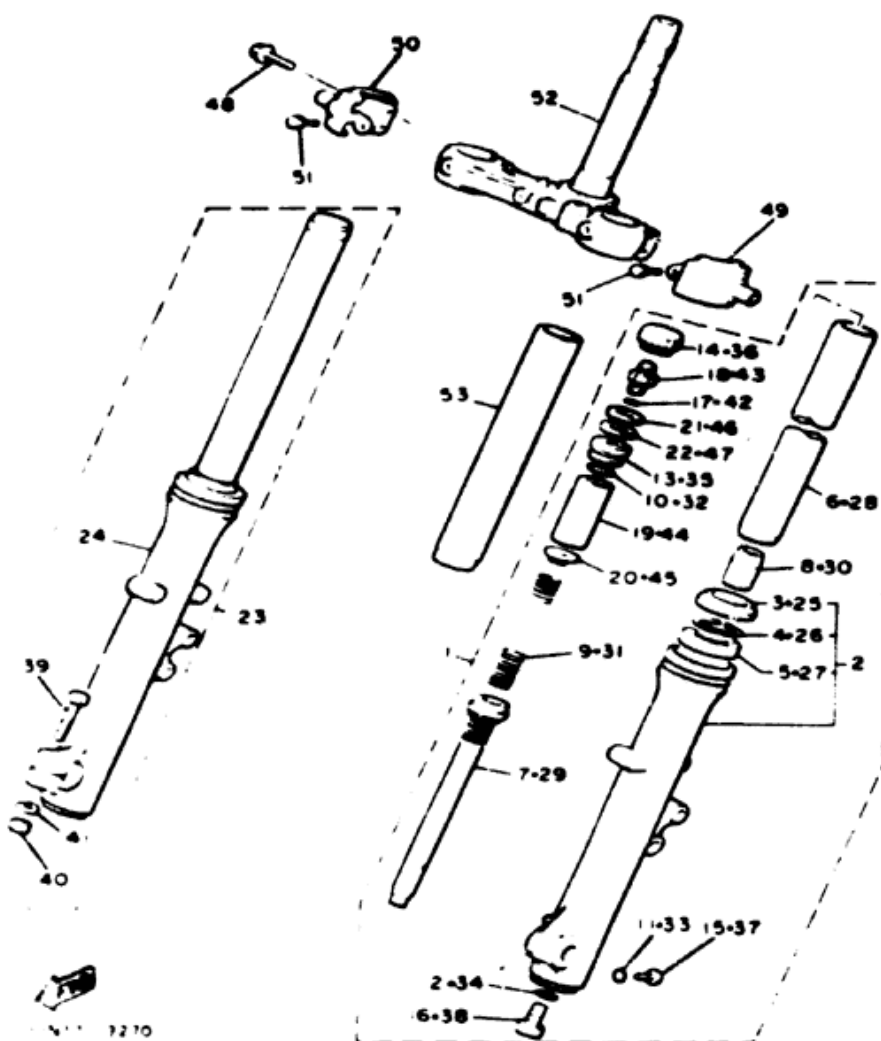
J3N110-3260

## DRIVE SHAFT

Ref. No.	Part Number	Description	Qty.	Remarks
25	92901-08700-00	. WASHER, WAVE . . . . .	6	
26	95821-10025-00	. BOLT, FLANGE . . . . .	2	
27	93102-70167-00	. OIL SEAL . . . . .	1	
28	90340-14063-00	. PLUG, STRAIGHT SCREW . . . . .	2	
29	214-11198-01-00	. GASKET . . . . .	2	
30	4H3-17580-00-00	. BREATHER COMP . . . . .	1	
31	90340-14042-00	. PLUG, STRAIGHT SCREW . . . . .	1	
32	5G2-46172-00-00	SHAFT, DRIVE . . . . .	1	
33	93108-23007-00	OIL SEAL . . . . .	1	
34	90201-231A2-00	WASHER, PLATE . . . . .	1	
35	93410-23056-00	CIRCLIP . . . . .	1	
36	93410-22039-00	CIRCLIP . . . . .	1	
37	90501-16491-00	SPRING, COMPRESSION . . . . .	1	
38	4H7-46180-00-00	CROSS JOINT COMP . . . . .	1	
39	90105-08155-00	BOLT, WASHER BASED (90105-08066) . . . . .	4	
40	95316-10600-00	NUT (95316-10600) . . . . .	4	
41	92906-10100-00	WASHER, SPRING . . . . .	4	
42	90387-172A5-00	COLLAR . . . . .	1	
43	4H7-46181-10-00	LABEL, OIL CAUTION . . . . .	1	

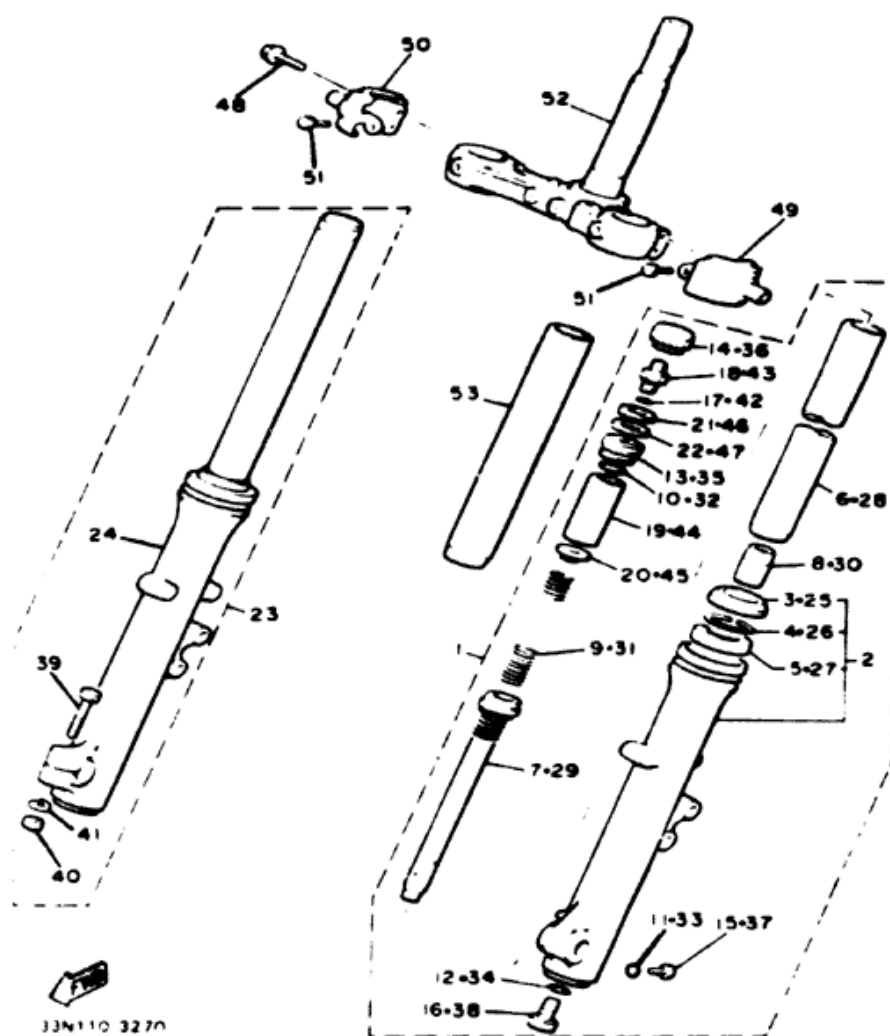
See Service Data, Grid J-1

# FRONT FORK



Ref. No.	Part Number	Description	Qty.	Remarks
1	33N-23102-00-00	FRONT FORK ASS'Y (L.H) . . . . .	1	
2	33N-23126-00-00	. TUBE, OUTER 1 . . . . .	1	
3	33M-23144-00-00	. . SEAL, DUST (15R-23144-00)	1	
4	4A1-23186-00-00	. . CLIP, OIL SEAL (3J2-23186-00) . . . . .	1	
5	48A-23145-00-00	. . OIL SEAL (15R-23145-00) . . . . .	1	
6	22R-23110-00-00	. INNER TUBE COMP. 1 . . . . .	1	
7	4G0-23170-00-00	. CYLINDER COMP., FRONT FORK . . . . .	1	
8	1W1-23173-L0-00	. SPINDLE, TAPER . . . . .	1	
9	5N8-23141-00-00	. SPRING, FRONT FORK (22R-23141-00) . . . . .	1	
10	240-23114-00-00	. GASKET . . . . .	1	
11	122-23129-00-00	. GASKET, DRAIN PLUG . . . . .	1	
12	509-23158-L0-00	. GASKET . . . . .	1	
13	20X-23111-00-00	. BOLT, CAP . . . . .	1	
14	4X7-23168-00-00	. CAP, FRONT FORK . . . . .	1	
15	4W5-23119-00-00	. PLUG, DRAIN . . . . .	1	
16	278-23181-50-00	. BOLT, HEXAGON SOCKET HEAD . . . . .	1	
17	3J2-23147-00-00	. O-RING . . . . .	1	
18	4V4-23190-L0-00	. AIR VALVE COMP. (3J2-23190-00) . . . . .	1	
19	5N8-23118-00-00	. SPACER . . . . .	1	
20	583-23142-00-00	. SEAT, SPRING UPPER . . . . .	1	

See Service Data, Grid J-1



33N110 3270

## FRONT FORK

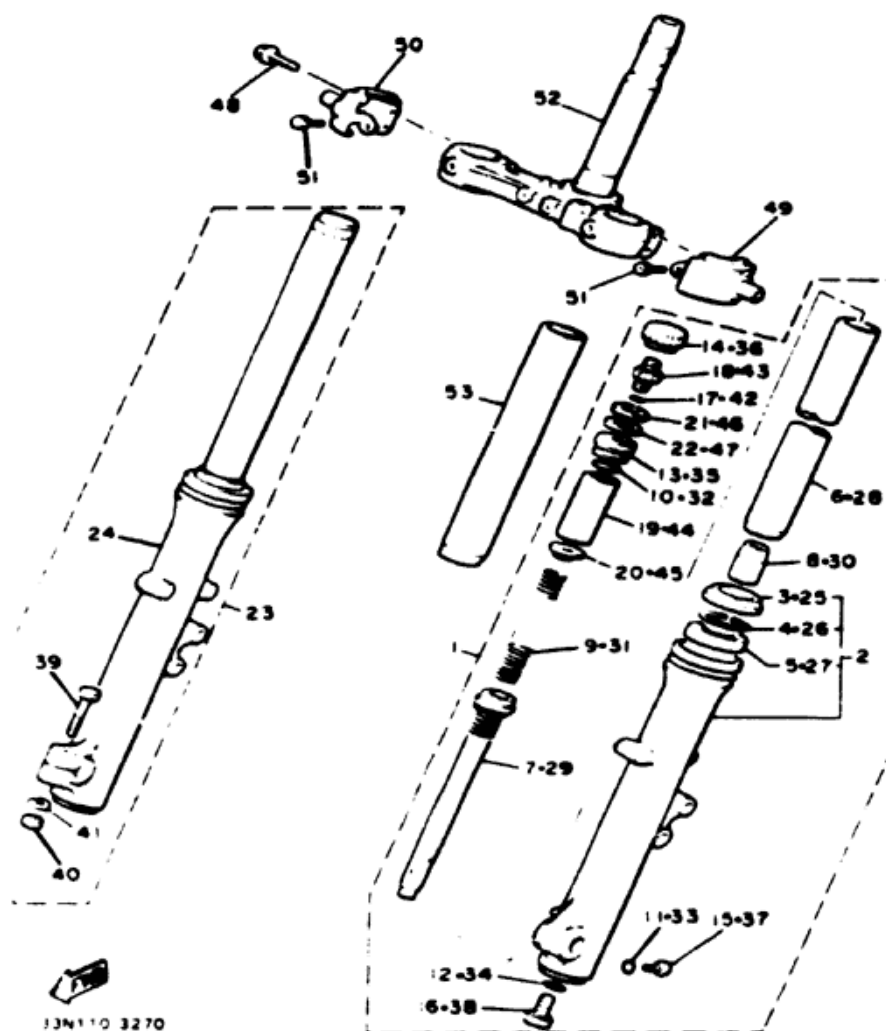
Ref. No.	Part Number	Description	Qty.	Remarks
21	2H7-23163-00-00	. GASKET (1T3-23163-50-00)	1	
22	4W5-23115-00-00	. GUIDE, COVER UPPER	1	
23	[33N-23103-00-00]	FRONT FORK ASS'Y (R.H.)	1	
24	33N-23136-00-00	. TUBE, OUTER 2	1	
25	33M-23144-00-00	. SEAL, DUST (15R-23144-00)	1	
26	4A1-23156-00-00	. CLIP, OIL SEAL (3J2-23156-00)	1	
27	49A-23145-00-00	. OIL SEAL (15R-23145-00)	1	
28	22R-23110-00-00	. INNER TUBE COMP. 1	1	
29	4G0-23170-00-00	. CYLINDER COMP., FRONT FORK	1	
30	1W1-23173-L0-00	. SPINDLE, TAPER	1	
31	5N8-23141-00-00	. SPRING, FRONT FORK (22R-23141-00)	1	
32	240-23114-00-00	. GASKET	1	
33	122-23129-00-00	. GASKET, DRAIN PLUG	1	
34	509-23158-L0-00	. GASKET	1	
35	20X-23111-00-00	. BOLT, CAP	1	
36	4X7-23168-00-00	. CAP, FRONT FORK	1	
37	4W5-23119-00-00	. PLUG, DRAIN	1	
38	278-23181-50-00	. BOLT, HEXAGON SOCKET HEAD	1	
*39	97026-08045-00	. BOLT (97326-08045)	1	
40	95336-08600-00	. NUT (95316-08600)	1	

\*INDICATES NEW PART NUMBERS ACTIVATED FROM 03/01/88.

See Service Data, Grid J-1

E-10

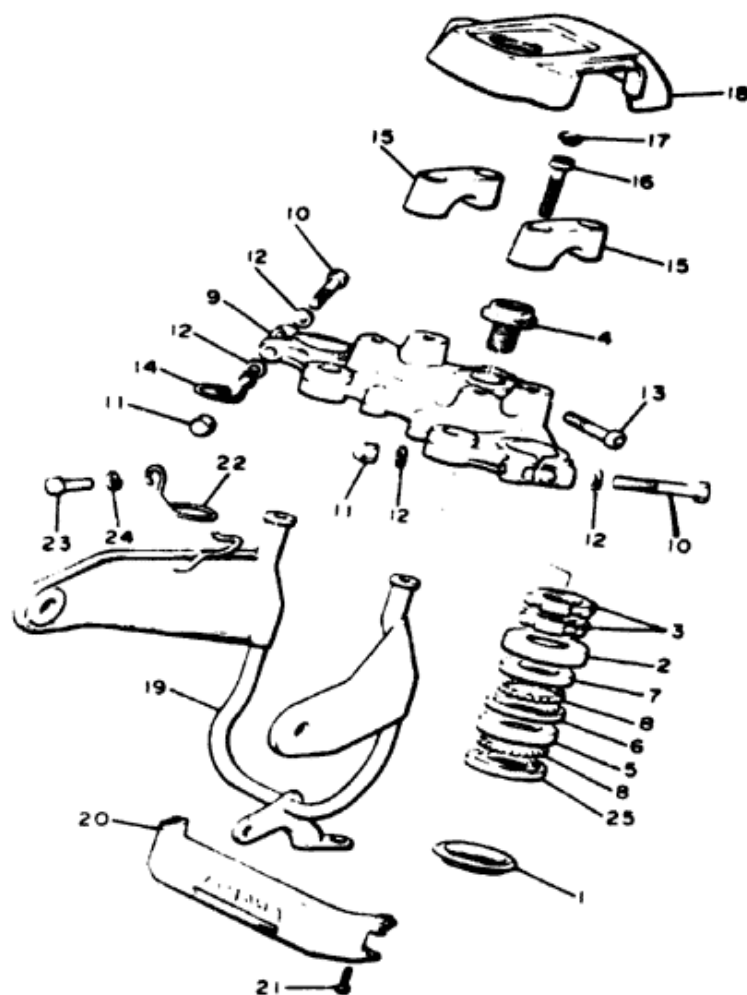
# FRONT FORK



Ref. No.	Part Number	Description	Qty.	Remarks
41	92906-08100-00	WASHER, SPRING	1	
42	3J2-23147-00-00	O-RING	1	
43	3J2-23190-L0-00	AIR VALVE COMP. (3J2-23190-00)	1	
44	5N8-23118-00-00	SPACER	1	
45	583-23142-00-00	SEAT, SPRING UPPER	1	
46	2H7-23163-00-00	GASKET (IT3-23163-50)	1	
47	4W5-23115-00-00	GUIDE, COVER UPPER	1	
48	90119-08051-00	BOLT, W/WASHER	4	
49	4W5-23122-00-6G	COVER, OUTER 1	1	NW YAMAHA BLACK
50	4W5-23132-00-6G	COVER, OUTER 2	1	NW YAMAHA BLACK
51	4H7-23181-00-00	BOLT, HEXAGON SOCKET HEAD	2	
52	5N8-23340-00-33	UNDERBRACKET COMP	1	
53	4W5-23131-00-6G	COVER, UPPER 2	2	

See Service Data, Grid J-1

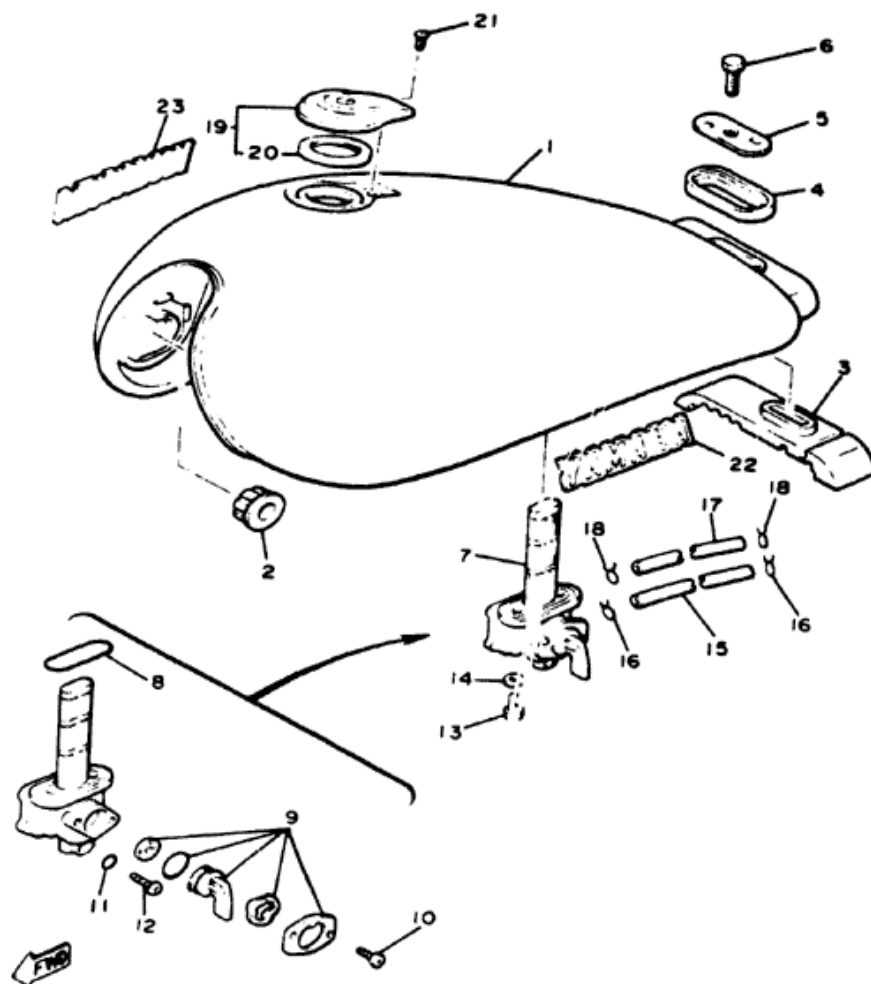
# STEERING



1280

Ref. No.	Part Number	Description	Qty.	Remarks
1	164-23482-00-00	SEAL, STEERING . . . . .	1	
2	4K0-23415-00-00	COVER, BALL RACE 1 . . . . .	1	
3	90179-25495-00	NUT, FITTING 2 (4H3-23454-00)	2	
4	90105-14102-00	BOLT, BASED . . . . .	1	
5	256-23412-00-00	RACE, BALL 2 . . . . .	1	
6	256-23413-00-00	RACE, BALL 3 . . . . .	1	
7	256-23414-00-00	RACE, BALL 4 . . . . .	1	
8	93501-04011-00	BALL . . . . .	38	
9	4H7-23435-00-98	CROWN, HANDLE . . . . .	1	
10	97026-08055-00	BOLT (97326-08055) . . . . .	2	
11	95306-08800-00	NUT . . . . .	2	
12	92906-08600-00	WASHER, PLATE . . . . .	4	
13	91316-08040-00	BOLT . . . . .	1	
14	4H7-23317-00-00	HOLDER, CABLE . . . . .	1	
15	4H7-23441-00-98	HOLDER, HANDLE UPPER . . . . .	2	
16	91316-08030-00	BOLT . . . . .	4	
17	341-23469-00-00	CAP, BOLT . . . . .	4	
18	4H7-26213-00-00	COVER, UPPER . . . . .	1	
19	4W5-23174-00-00	STAY, HEADLIGHT . . . . .	1	
20	4W5-23395-00-00	EMBLEM . . . . .	1	
21	98706-05012-00	SCREW, OVAL HEAD . . . . .	2	
22	4H3-23318-00-00	HOLDER, CABLE 1 . . . . .	1	
23	97026-06012-00	BOLT (97306-06012) . . . . .	1	
24	92906-06100-00	WASHER, SPRING . . . . .	1	
25	256-23411-00-00	RACE, BALL 1 . . . . .	1	

## FUEL TANK



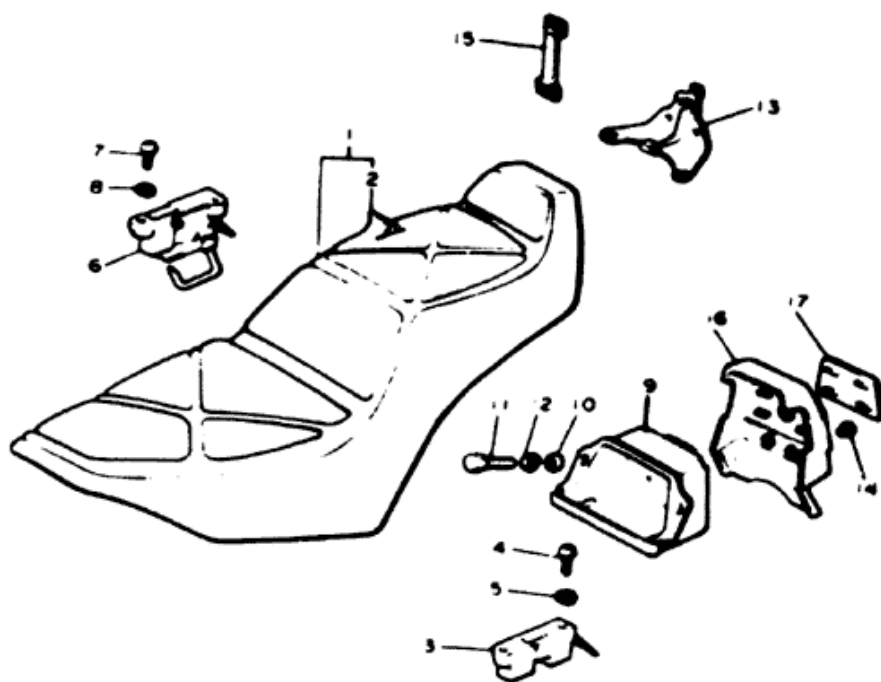
43N110-3290

Ref. No.	Part Number	Description	Qty.	Remarks
1	22R-24110-00-6G	FUEL TANK COMP .....	1	NW YAMAHA BLACK
2	4H7-24181-00-00	DAMPER, LOCATING 1 .....	2	
3	15R-24182-00-00	DAMPER, LOCATING 2 .....	1	
4	4H7-24183-00-00	DAMPER, LOCATING 3 .....	1	
5	4H7-24186-00-00	WASHER, SPECIAL .....	1	
6	97302-08012-00	BOLT .....	1	
7	33M-24500-00-00	FUEL COCK ASS'Y 1 (33N-24500-00) .....	1	
8	2W6-24512-00-00	. O-RING .....	1	
9	10L-W0092-00-00	. FUEL COCK VALVE SET .....	1	
10	98506-03008-00	. SCREW, PAN HEAD .....	2	
11	2G2-24522-00-00	. GASKET .....	1	
12	92506-06008-00	. SCREW, PAN HEAD (97806-06008) .....	1	
13	90157-06018-00	SCREW, PAN HEAD .....	2	
14	90202-06010-00	WASHER, PLATE .....	2	
15	5G2-24311-00-00	PIPE, FUEL 1 .....	1	
16	90467-10008-00	CLIP (90467-10041) .....	2	
17	90445-09500-00	HOSE .....	1	
18	90467-08075-00	CLIP .....	2	
19	42G-24602-00-00	CAP ASS'Y (4W5-25602-02) ..	1	
20	4X7-24612-00-00	. GASKET, CAP .....	1	
21	98501-05010-00	SCREW, PAN HEAD .....	1	
22	33N-24161-00-00	EMBLEM 1 .....	1	
23	33N-24162-00-00	EMBLEM 2 .....	1	

See Service Data, Grid J-1

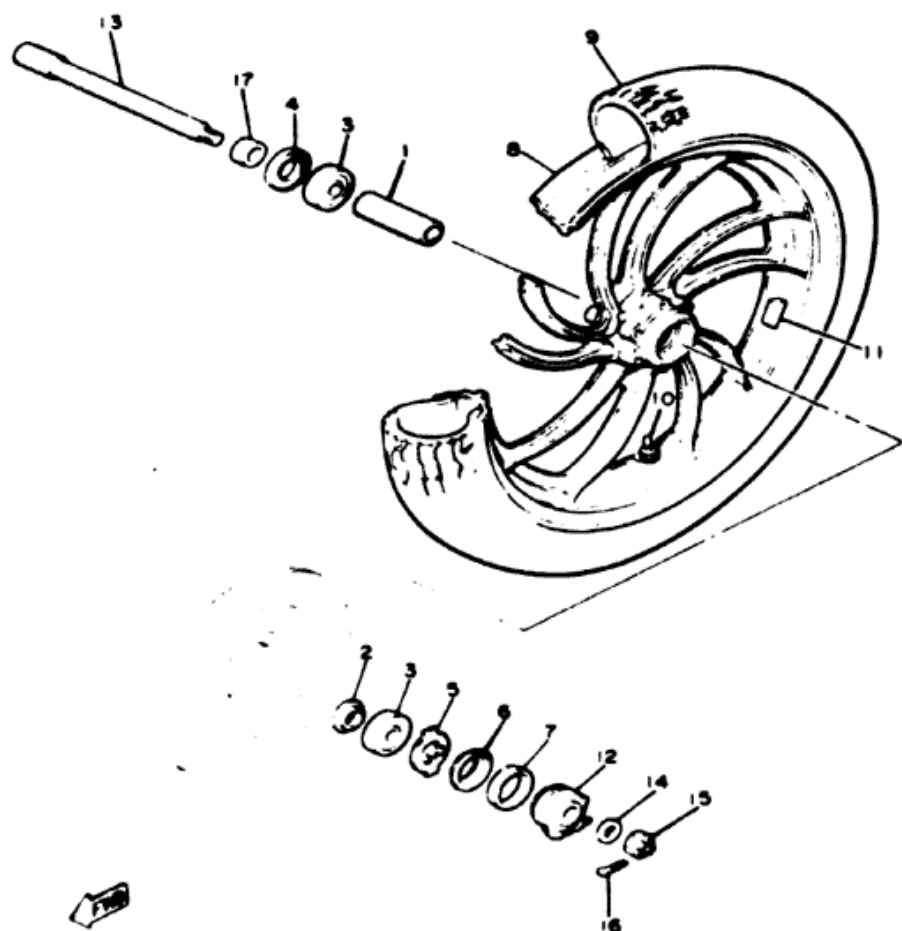
F-1

# SEAT



Ref. No.	Part Number	Description	Qty.	Remarks
1	33N-24730-00-00	DOUBLE SEAT ASS'Y	1	
2	33N-W2478-00-00	. COVER, SEAT	1	
3	4L0-24780-00-00	SEAT LEVER ASS'Y	1	
4	92580-08012-00	SCREW, PAN HEAD (92503-08012)	2	
5	92980-06100-00	WASHER, SPRING (92903-06100)	2	
6	33N-24706-00-00	SEAT LOCK ASS'Y	1	
7	92580-08012-00	SCREW, PAN HEAD (92503-08012)	2	
8	92980-06100-00	WASHER, SPRING (92903-06100)	2	
9	15R-2473R-00-00	BOX 1	1	
10	90201-065F3-00	WASHER, PLATE (90201-06750)	2	
11	97003-08020-00	BOLT (97303-08020)	4	
12	92980-06100-00	WASHER, SPRING (92903-06100)	4	
13	15R-2475H-00-00	BRACKET, SEAT LEVER 1	1	
14	90154-06015-00	SCREW, BINDING	3	
15	116-82131-00-00	BAND, BATTERY	1	
16	33N-24756-00-00	COVER, TAIL	1	
17	33N-24786-00-00	EMBLEM	1	





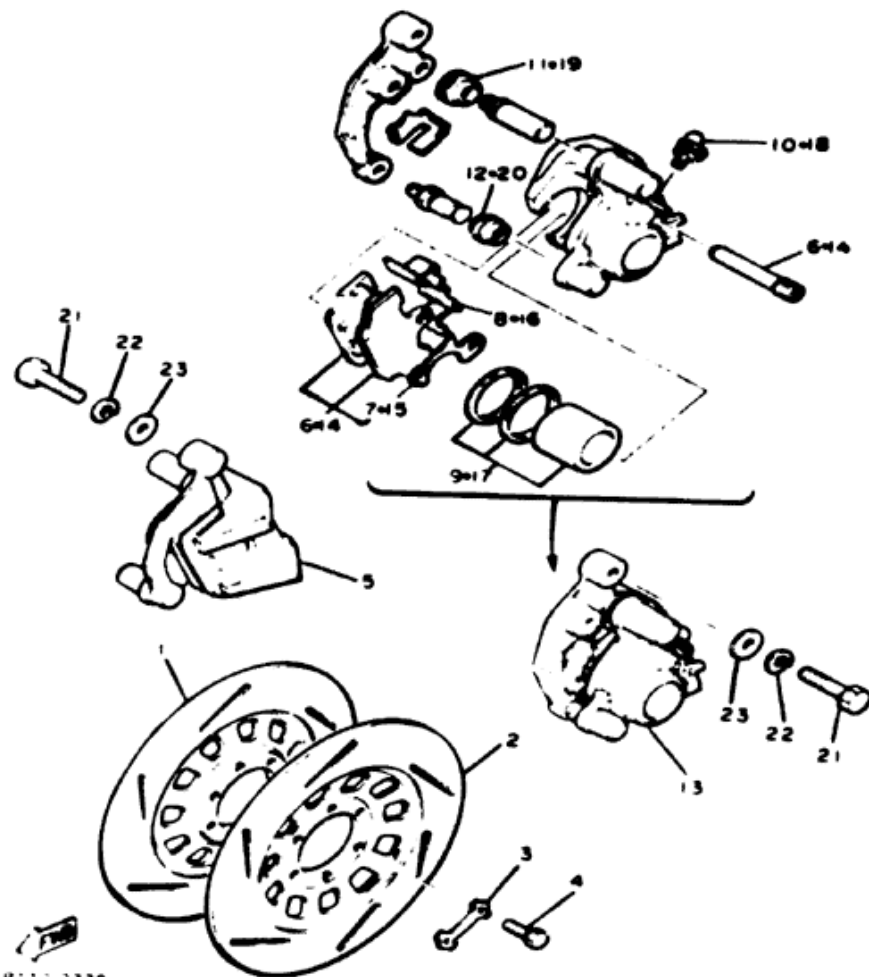
## FRONT WHEEL

Ref. No.	Part Number	Description	Qty.	Remarks
1	90560-15116-00	SPACER	1	
2	146-25115-00-00	FLANGE, SPACER 1	1	
3	93306-30203-00	BEARING (B6302Z)	2	
4	93102-22014-00	OIL SEAL	1	
5	341-25149-00-00	CLUTCH, METER	1	
6	341-25846-00-00	RETAINER, CLUTCH	1	
7	93105-45017-00	OIL SEAL	1	
8	4H7-25168-29-8L	CAST WHEEL, FRONT (4H7-25168-20-8L)	1	NEBULAR GLD
9	94132-190M6-00	TIRE (3.25-19)	1	BRIDGESTONE
10	93900-00001-00	VALVE, RIM	1	
11	1A1-25398-01-00	BALANCER, WHEEL (20G)	1	UN
	1A1-25399-00-00	BALANCER, WHEEL (10G)	1	UN
	2M0-25399-00-00	BALANCER, WHEEL (30G)	1	UN
12	4H7-25190-00-00	GEAR UNIT ASS'Y	1	
13	4H7-25181-01-00	AXLE, WHEEL	1	
14	92990-14200-00	WASHER, PLAIN (92901-14200)	1	
15	90171-14020-00	NUT, CASTLE	1	
16	91401-30030-00	PIN, COTTER	1	
17	90387-15734-00	COLLAR	1	

See Service Data, Grid J-1

F-3

# FRONT BRAKE - CALIPER



Ref. No.	Part Number	Description	Qty.	Remarks
1	23W-25831-00-00	DISC, BRAKE	1	
2	23W-25831-10-00	DISC, BRAKE	1	
3	1J3-25834-01-00	WASHER, LOCK	6	
4	90101-08312-00	BOLT	12	
5	28L-25810-00-00	CALIPER ASS'Y (RT) (11H-25810-02)	1	
6	43F-W0045-00-00	. BRAKE PAD KIT, F/ONT (11H-W0045-01)	1	
7	11U-25827-00-00	. SHIM, CALIPER	1	
8	11H-25919-00-00	. SUPPORT, PAD	1	
9	4X8-W0057-00-00	. PISTON ASS'Y, CALIPER	1	
10	51L-W0048-00-00	. BLEED SCREW KIT (404-W0048-30)	1	
11	4X8-25917-00-00	. BOOT, CALIPER	1	
12	5R2-25937-00-00	. BOOT 2	1	
13	11H-25810-12-00	CALIPER ASS'Y (LT)	1	
14	11H-W0045-11-00	. BRAKE PAD KIT, FRONT	1	
15	11U-25827-10-00	. SHIM, CALIPER	1	
16	11H-25919-00-00	. SUPPORT, PAD	1	
17	4X8-W0057-00-00	. PISTON ASS'Y, CALIPER	1	
18	51L-W0048-00-00	. BLEED SCREW KIT (404-W0048-30)	1	
19	4X8-25917-00-00	. BOOT, CALIPER	1	
20	5R2-25937-00-00	. BOOT 2	1	
21	90101-10500-00	BOLT	4	
22	92906-10100-00	WASHER, SPRING	4	
23	92906-10200-00	WASHER	4	

See Service Data, Grid J-1

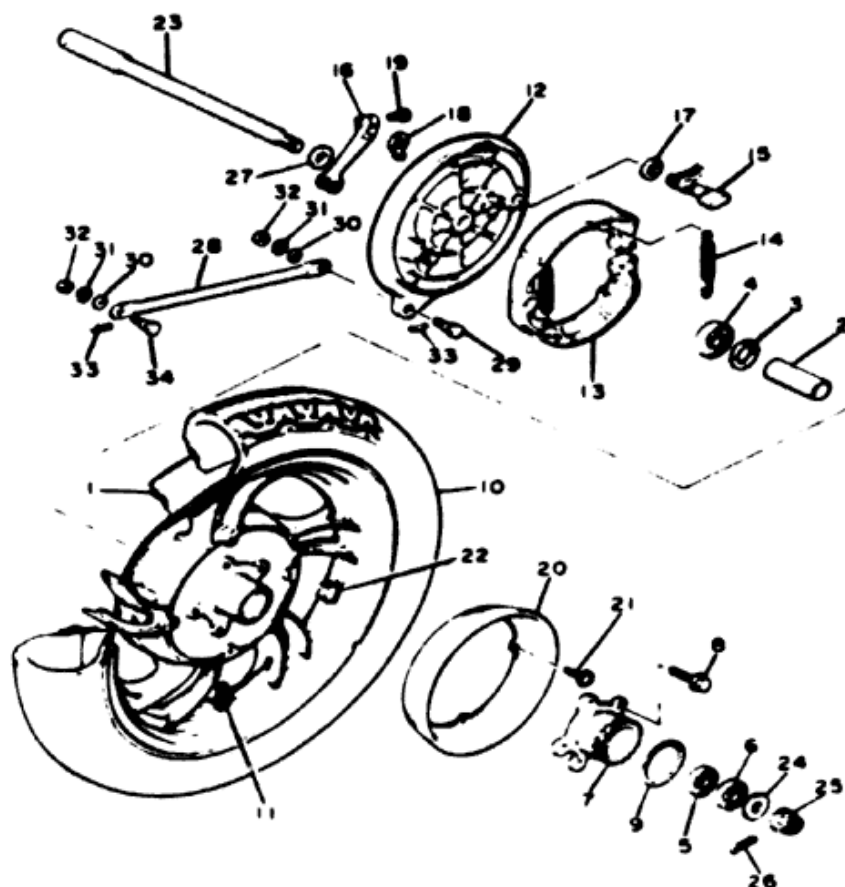
F-4

This diagram shows an exploded perspective view of a mechanical assembly. The main components are labeled with numbers: 1 (a large circular housing), 10 (a smaller circular component), 11 (a central shaft or pin), 12 (a circular plate or cover), 13 (a ring or gasket), 14 (a small cylindrical part), 15 (a small rectangular component), 16 (a small cylindrical part), 17 (a small cylindrical part), 18 (a small cylindrical part), 19 (a small cylindrical part), 20 (a ring or gasket), 21 (a small cylindrical part), 22 (a small cylindrical part), 23 (a long cylindrical part), 24 (a small cylindrical part), 25 (a small cylindrical part), 26 (a small cylindrical part), 27 (a small cylindrical part), 28 (a long cylindrical part), 29 (a small cylindrical part), 30 (a small cylindrical part), 31 (a small cylindrical part), 32 (a small cylindrical part), 33 (a small cylindrical part), and 34 (a small cylindrical part). The assembly is shown in a disassembled state, with parts arranged around the main housing (1) and the central shaft (11).



## F-5

# REAR WHEEL



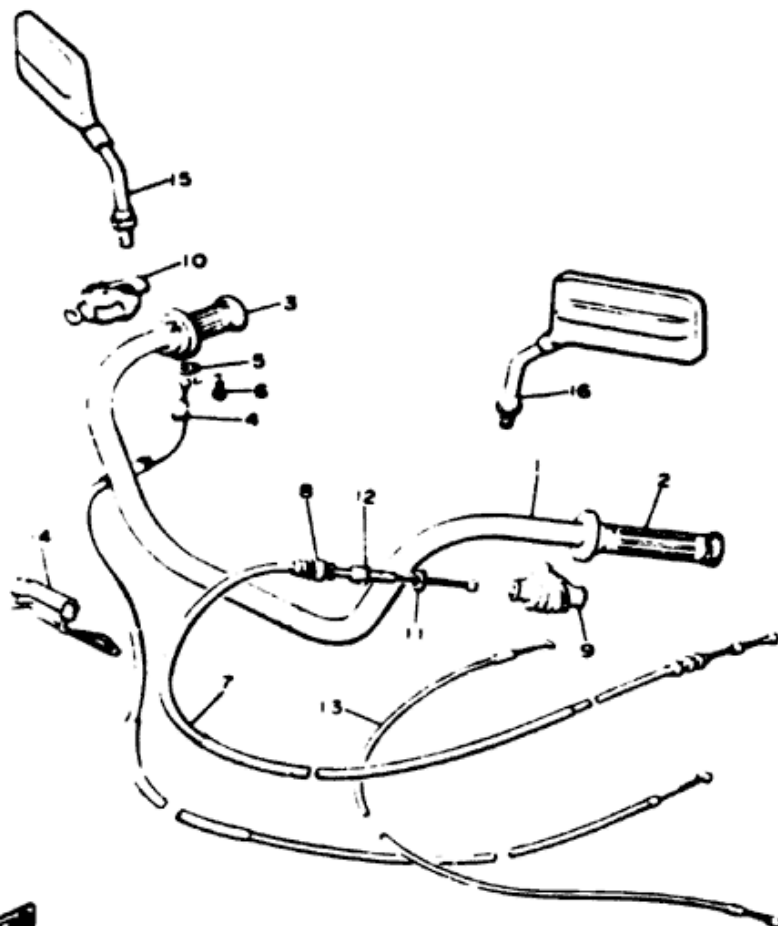
Ref. No.	Part Number	Description	Qty.	Remarks
19	90101-08495-00	BOLT .....	1	
20	4W5-25327-00-00	COVER, PLATE .....	1	
21	90159-05018-00	SCREW, W/WASHER .....	4	
22	1A1-25398-01-00	BALANCER, WHEEL (20G) .....	1	UN
	1A1-25399-00-00	BALANCER, WHEEL (10G) .....	1	UN
	2M0-25399-00-00	BALANCER, WHEEL (30G) .....	1	UN
23	4H7-25381-00-00	AXLE, WHEEL .....	1	
24	90201-144J5-00	WASHER, PLATE (90201-141A3) .....	1	
25	90179-14217-00	NUT .....	1	
26	91401-30030-00	PIN, COTTER .....	1	
27	56W-25377-00-00	COLLAR, WHEEL (4H7-25377-00) .....	1	
28	3H0-25371-00-00	BAR, TENSION .....	1	
29	90109-08406-00	BOLT .....	1	
30	92901-08600-00	WASHER, PLATE .....	2	
31	92990-08100-00	WASHER, SPRING (92903-08100) .....	2	
32	95303-08700-00	NUT (95301-08700) .....	2	
33	91401-20015-00	PIN, COTTER .....	2	
34	90109-08368-00	BOLT .....	1	

See Service Data, Grid J-1

F-6

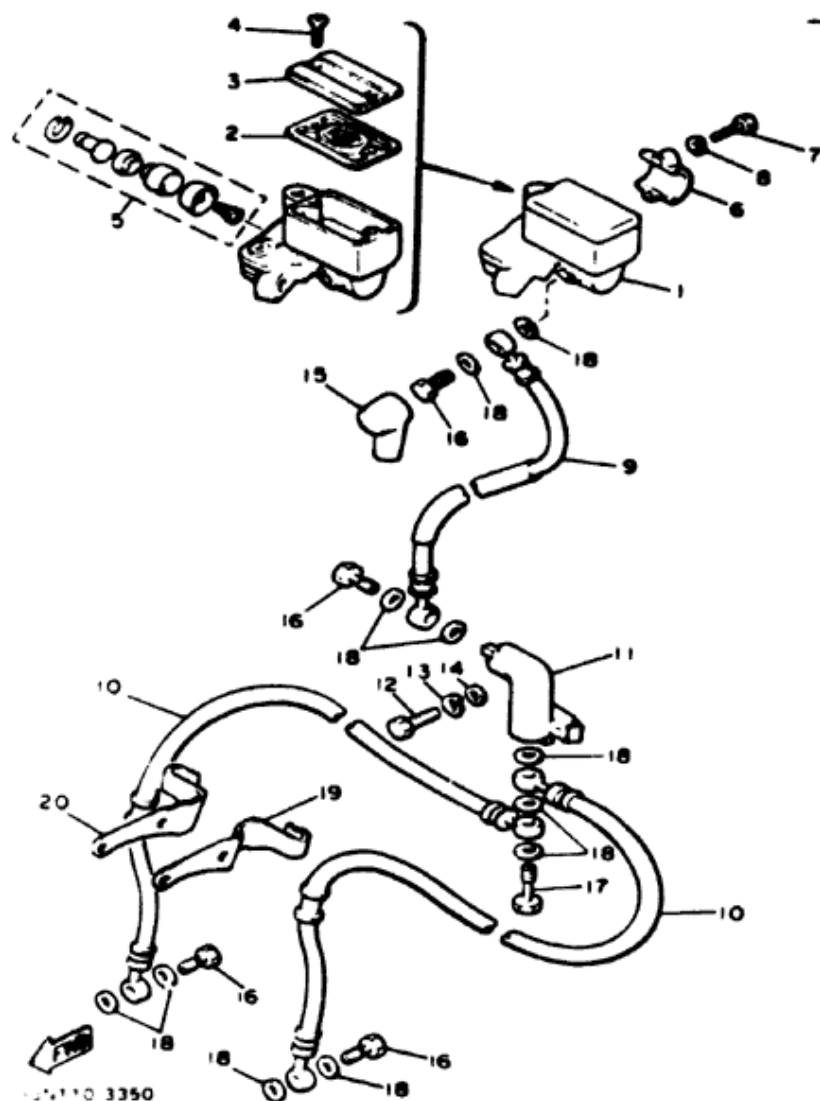
# HANDLEBAR - CABLE

Ref. No.	Part Number	Description	Qty.	Remarks
1	33N-26111-00-00	HANDLEBAR .....	1	
2	5G2-26241-00-00	GRIP (L.H) .....	1	
3	5G2-26240-00-00	GRIP ASS'Y .....	1	
4	15R-26311-00-00	CABLE, THROTTLE 1 .....	1	
5	5H0-26393-00-00	HOLDER .....	1	
6	98506-05008-00	SCREW, PAN HEAD .....	1	
7	15R-26335-00-00	CABLE, CLUTCH (33N-26335-00) .....	1	
8	1E6-26342-00-00	BOOT, CABLE .....	1	
9	11H-26372-00-00	COVER, HANDLE LEVER 1 ....	1	
10	1T5-26372-00-00	COVER, HANDLE LEVER 1 ....	1	
11	90179-08148-00	NUT .....	1	
12	90123-08046-00	BOOT .....	1	
13	33N-26331-00-00	CABLE, STARTER 1 .....	1	
14	1J7-26399-00-00	GUIDE, CABLE .....	1	
15	31A-26290-00-00	MIRROR ASS'Y (R.H) (5G2-26290-01) .....	1	
16	31A-26290-10-00	MIRROR ASS'Y (L.H) (5G2-26290-11) .....	1	



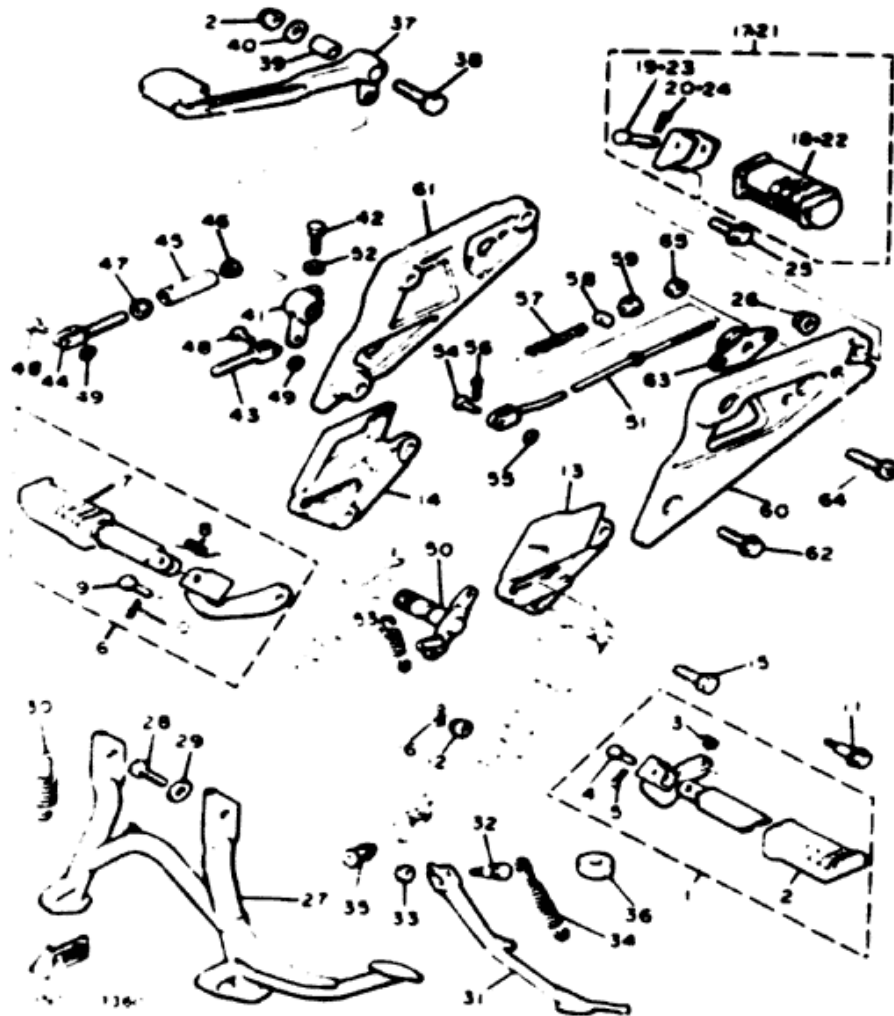
3340

# FRONT MASTER CYLINDER



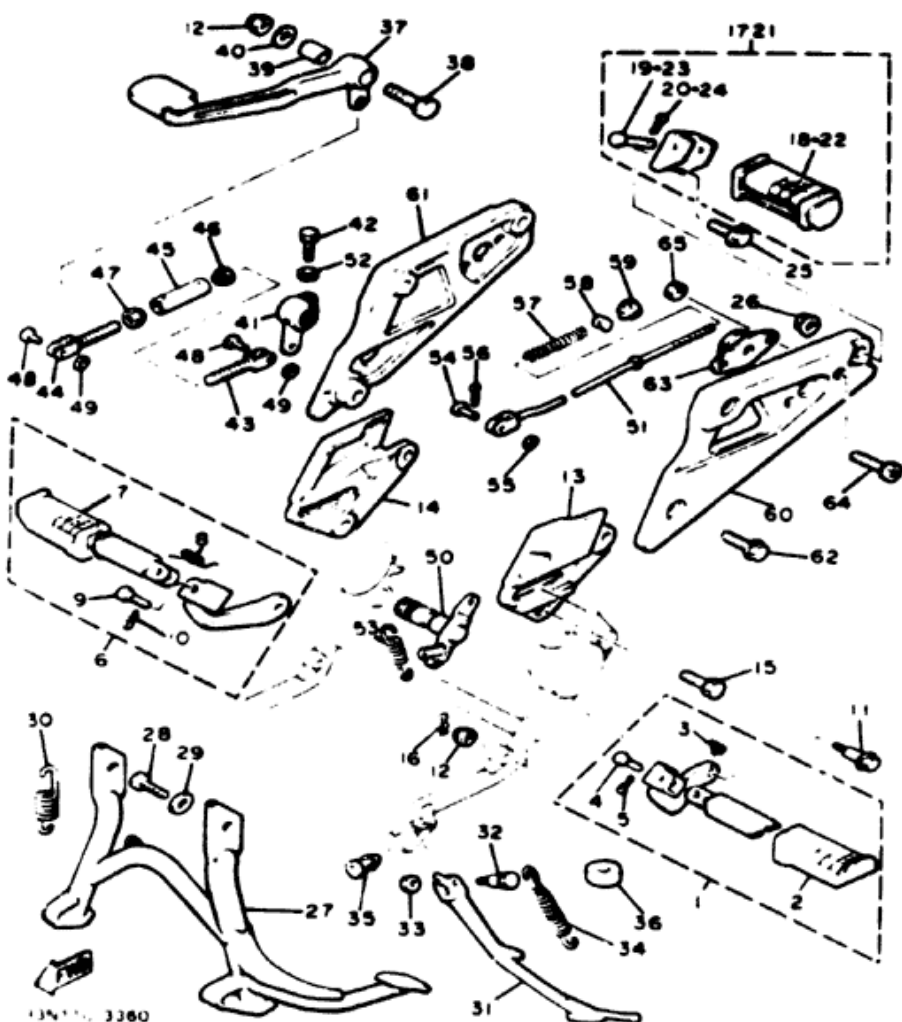
Ref. No.	Part Number	Description	Qty.	Remarks
1	22R-25850-01-00	MASTER CYL. ASS'T (22R-25850-00)	1	
2	4K0-25854-00-00	. DIAPHRAGM, RESERVOIR	1	
3	2GV-25852-00-00	. CAP, RESERVOIR (4K0-25852-00)	1	
4	98706-04012-00	. SCREW, FLAT HEAD	2	
5	4K0-W0041-50-00	. CYLINDER KIT, MASTER	1	
6	4L0-25867-00-00	BRACKET, MASTER CYL	1	
7	97016-06025-00	BOLT (97326-06025)	2	
8	92906-06100-00	WASHER, SPRING	2	
9	2G2-25872-01-00	HOSE, BRAKE 1	1	
10	22R-25873-00-00	HOSE, BRAKE 2	2	
11	1J7-25885-01-00	JOINT	1	
12	97316-06025-00	BOLT (97306-06025)	1	
13	92906-06100-00	WASHER, SPRING	1	
14	92906-06600-00	WASHER, PLATE	1	
15	306-25862-00-00	BOOT, MASTER CYLINDER	1	
16	4H3-25877-00-00	BOLT, OIL 1	4	
17	4W1-25877-00-00	BOLT, OIL 1	1	
18	90201-10118-00	WASHER, PLATE	11	
19	10M-25875-00-00	HOLDER, BRAKE HOSE 1	1	
20	10M-25876-00-00	HOLDER, BRAKE HOSE 2	1	

# STAND - FOOTREST



Ref. No.	Part Number	Description	Qty.	Remarks
1	33N-27410-00-5R	FRT. FOOTREST ASS'Y (L.H)	1	CHROME PLATED BK
2	5G2-27413-00-00	. COVER, FOOTREST . . . . .	1	
3	90508-20154-00	. SPRING, TORSION . . . . .	1	
4	90240-08095-00	. PIN, CLEVIS . . . . .	1	
5	91401-30015-00	. PIN, COTTER . . . . .	1	
6	33N-27420-00-5R	FRONT FOOTREST ASS'Y (R.H)	1	CHROME PLATED BK
7	5G2-27413-00-00	. COVER, FOOTREST . . . . .	1	
8	90508-20155-00	. SPRING, TORSION . . . . .	1	
9	90240-08095-00	. PIN, CLEVIS . . . . .	1	
10	91401-30015-00	. PIN, cotter . . . . .	1	
11	[90109-12731-00]	BOLT . . . . .	1	
12	90185-12117-00	NUT, SELF-LOCKING . . . . .	2	
13	33N-2741L-00-00	BRACKET 4 . . . . .	1	
14	[33N-2742L-00-00]	BRACKET 5 . . . . .	1	
15	91316-10020-00	BOLT . . . . .	2	
16	90468-12124-00	CLIP . . . . .	1	
17	33N-27430-00-00	REAR FOOTREST ASS'Y 1 . . . . .	1	
18	5G2-27433-00-00	. COVER, REAR FOOTREST . . . . .	1	
19	91706-06032-00	. PIN, CLEVIS . . . . .	1	
20	91401-20015-00	. PIN, COTTER . . . . .	1	
21	33N-27440-00-00	REAR FOOTREST ASS'Y 2 . . . . .	1	
22	5G2-27433-00-00	. COVER, REAR FOOTREST . . . . .	1	

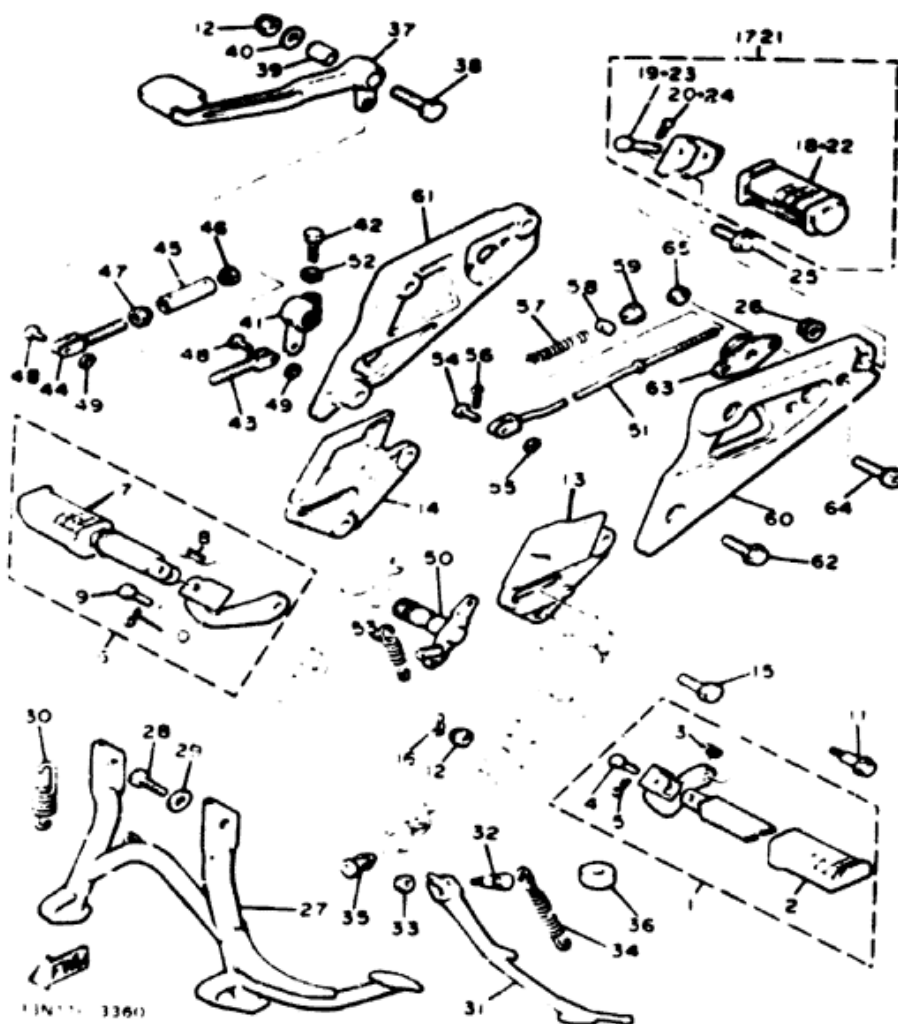
# STAND - FOOTREST



Ref. No.	Part Number	Description	Qty.	Remarks
23	91706-06032-00	. PIN, CLEVIS	1	
24	91401-20016-00	. PIN, COTTER	1	
25	95826-10035-00	BOLT, FLANGE	2	
26	95706-10100-00	NUT, FLANGE	2	
27	15R-27111-00-R4	STAND, MAIN	1	BLACK
28	97011-10016-00	BOLT (97302-10016)	2	
29	90201-10752-00	WASHER, PLATE	2	
30	90806-40233-00	SPRING, TENSION	1	
31	5G2-27311-00-R4	STAND, SIDE (15R-27311-00-R4)	1	BLACK
32	90109-10590-00	BOLT	1	
33	95306-10700-00	NUT	1	
34	90507-29033-00	SPRING, TENSION	1	
35	5G2-27351-00-00	GUIDE, SIDE STAND	1	
36	116-27114-00-00	STOPPER, MAIN STAND	1	
37	15R-27211-00-93	PEDAL, BRAKE (15R-27211-00-5R)	1	CHROME PLATED BK
38	90101-12583-00	BOLT	1	
39	15R-27213-00-00	COLLAR	1	
40	92906-12200-00	WASHER	1	
41	15R-27243-00-00	BOSS, BRAKE PEDAL	1	
42	90101-06494-00	BOLT	1	
43	33N-27247-00-00	ROD 1	1	
44	33N-27248-00-00	ROD 2	1	

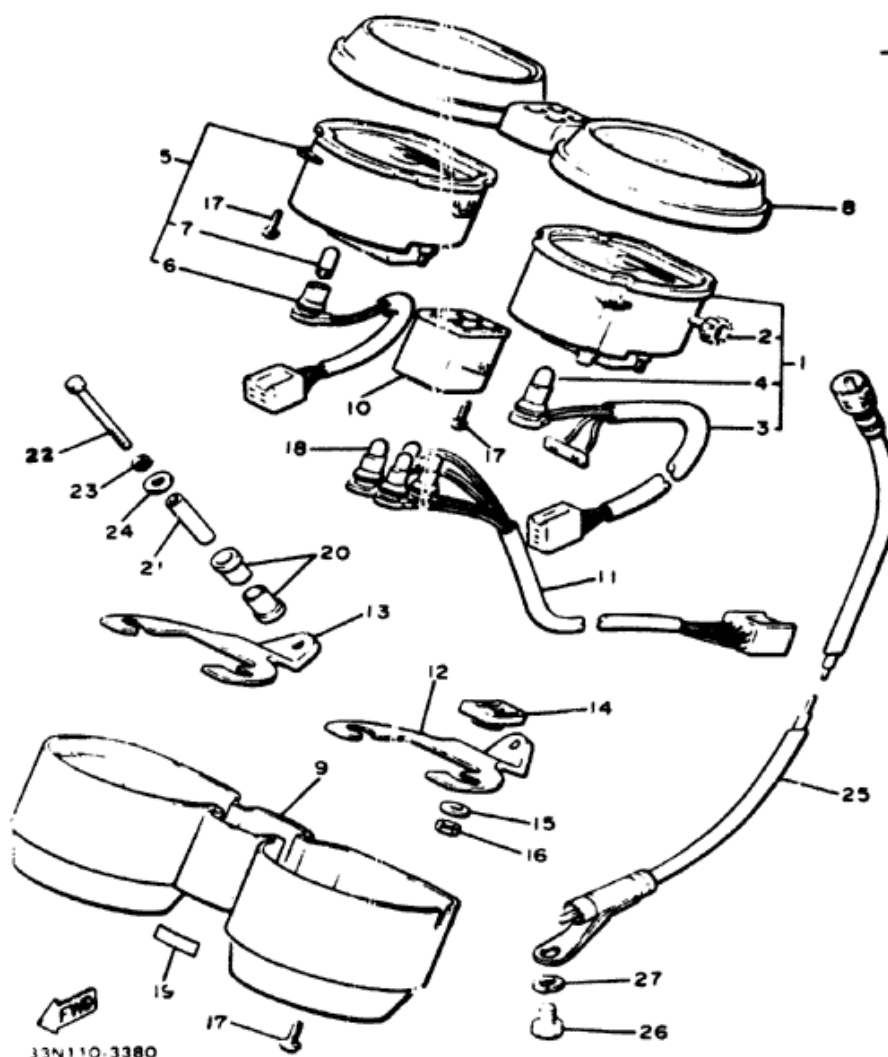


# **STAND - FOOTREST**



Ref. No.	Part Number	Description	Qty.	Remarks
45	33N-27238-00-00	NUT, ADJUSTING	1	
46	90170-08316-00	NUT	1	
47	90170-08315-00	NUT	1	
48	90243-08024-00	PIN	2	
48	92908-08200-00	WASHER, PLAIN	2	
50	[33N-27212-00-00]	SHAFT, BRAKE PEDAL	1	
51	33N-27231-00-00	ROD, BRAKE	1	
52	92980-08100-00	WASHER, SPRING	1	
53	90508-20291-00	SPRING, TENSION	1	
54	[90240-08104-00]	PIN, CLEVIS	1	
55	90201-082A9-00	WASHER, PLATE	1	
56	91401-20015-00	PIN, COTTER	1	
57	90501-10609-00	SPRING, COMPRESSION	1	
58	90249-12150-00	PIN (90249-12143)	1	
59	90179-08324-00	NUT	1	
60	33N-27442-00-00	BRACKET 2	1	
61	33N-27443-00-00	BRACKET 3	1	
62	91316-10030-00	BOLT	4	
63	22R-27414-00-00	DAMPER, FOOTREST	2	
64	91316-08020-00	BOLT	4	
65	95316-08600-00	NUT (95308-08600)	4	

# METER

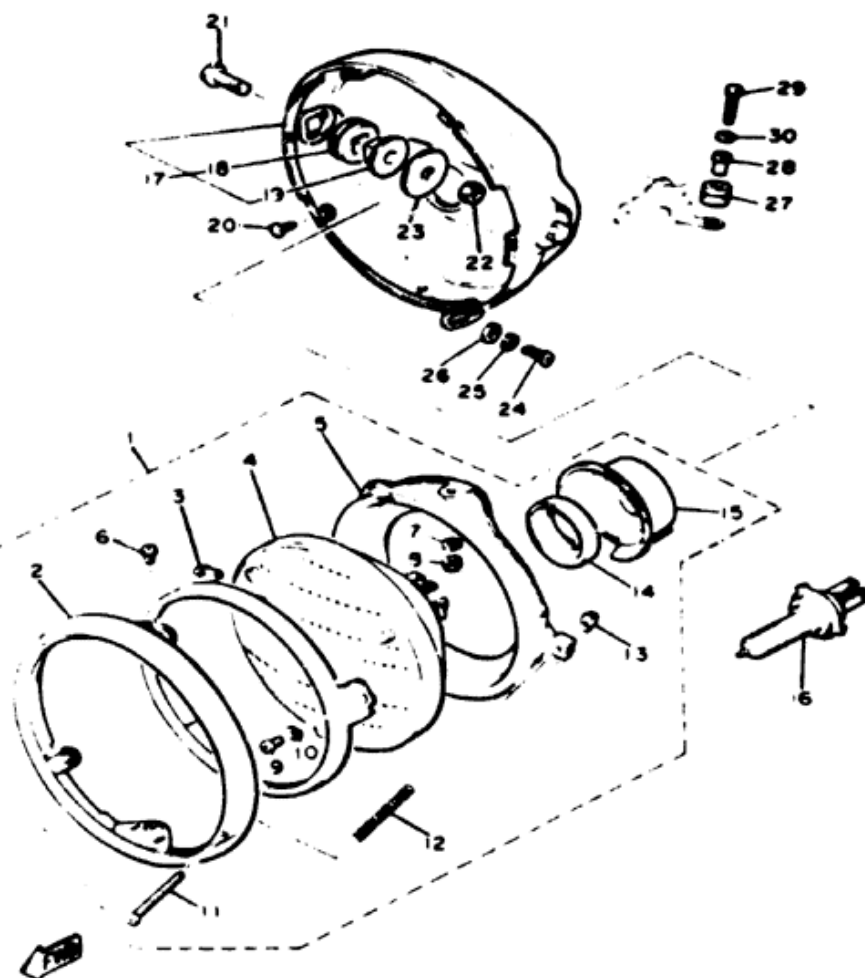


Ref. No.	Part Number	Description	Qty.	Remarks
1	5K5-83570-A0-00	SPEEDOMETER ASS'Y . . . . .	1	
2	4U8-83578-00-00	. KNOB, TRIP METER . . . . .	1	
3	5K5-83536-00-00	. SOCKET, METER . . . . .	1	
4	4G1-84744-00-00	. BULB (12V-3.4W) . . . . .	1	
5	5N8-83540-00-00	TACHOMETER ASS'Y . . . . .	1	
6	5N8-83520-00-00	. SOCKET CORD ASS'Y . . . . .	1	
7	4G1-84744-00-00	. BULB (12V-3.4W) . . . . .	1	
8	4H7-83559-A0-00	COVER, METER . . . . .	1	
9	4W5-83579-00-00	COVER, METER 2 . . . . .	1	
10	4H7-83587-00-00	BODY, PILOT LIGHT . . . . .	1	
11	5K5-83509-00-00	SOCKET CORD ASS'Y . . . . .	1	
12	4H7-83519-00-00	BRACKET, METER . . . . .	1	
13	4H7-83545-00-00	BRACKET, TACHOMETER . . . . .	1	
14	4H7-83523-00-00	DAMPER . . . . .	4	
15	90201-052E2-00	WASHER, PLATE . . . . .	4	
16	95301-05600-00	NUT . . . . .	4	
17	4H7-83616-00-00	SCREW, TAPPING . . . . .	10	
18	4G1-84744-00-00	BULB (12V-3.4W) . . . . .	4	
19	4W5-21787-00-00	EMBLEM 7 . . . . .	1	
20	584-83541-00-00	DAMPER . . . . .	4	
21	90387-06249-00	COLLAR . . . . .	2	
22	97306-06045-00	BOLT . . . . .	2	
23	92906-06100-00	WASHER, SPRING . . . . .	2	
24	90201-06067-00	WASHER, PLATE (90201-06380) . . . . .	2	
25	5K5-83550-00-00	SPEEDOMETER CABLE ASS'Y (4W3-83550-00) . . . . .	1	
26	90153-06004-0	SCREW, HEXAGON . . . . .	1	
27	92990-06100-00	WASHER, SPRING (92903-06100) . . . . .	1	

See Service Data, Grid J-1

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# HEADLIGHT

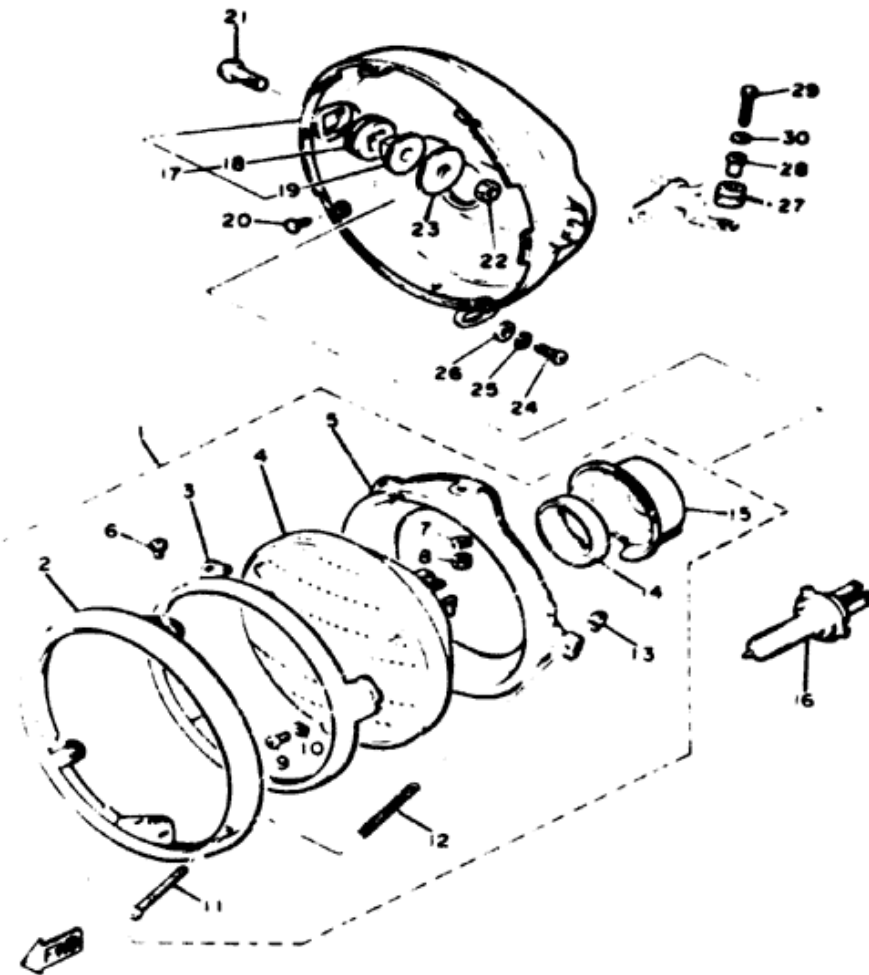


Ref. No.	Part Number	Description	Qty.	Remarks
1	4H1-84303-A0-00	HEADLIGHT UNIT ASS'Y . . . . .	1	
2	4H1-84315-00-00	. RIM, HEADLIGHT . . . . .	1	
3	2F9-84395-00-00	. RING, RETAINING . . . . .	1	
4	2F3-84321-A0-00	. LENS, HEADLIGHT . . . . .	1	
5	2F9-84394-00-00	. RING, MOUNTING . . . . .	1	
6	98501-05010-00	. SCREW, PAN HEAD . . . . .	2	
7	92903-05100-00	. WASHER, SPRING (92903-05100) . . . . .	2	
9	95301-03600-00	. NUT . . . . .	2	
9	98501-04008-00	. SCREW, PAN HEAD . . . . .	3	
10	92901-04100-00	. WASHER, SPRING . . . . .	3	
11	4H1-84331-00-00	. SCREW, RIM ADJUSTING . . . . .	1	
12	341-84332-60-00	. SPRING, SCREW . . . . .	1	
13	198-84334-60-00	. NUT, ADJUSTING . . . . .	1	
14	2F9-84375-00-00	. FITTING PLATE, BULB . . . . .	1	
15	2F9-84397-01-00	. COVER, SOCKET . . . . .	1	
16	5V2-84314-00-XX	BULB (12V-60/55W) . . . . .	1	
17	4H1-84330-00-00	BODY ASS'Y . . . . .	1	
18	584-84345-60-00	. DAMPER, HEADLIGHT . . . . .	2	
19	584-84338-60-00	. COLLAR, BODY FITTING . . . . .	2	
20	90152-05005-00	SCREW, COUNTERSUNK . . . . .	2	

See Service Data, Grid J-1

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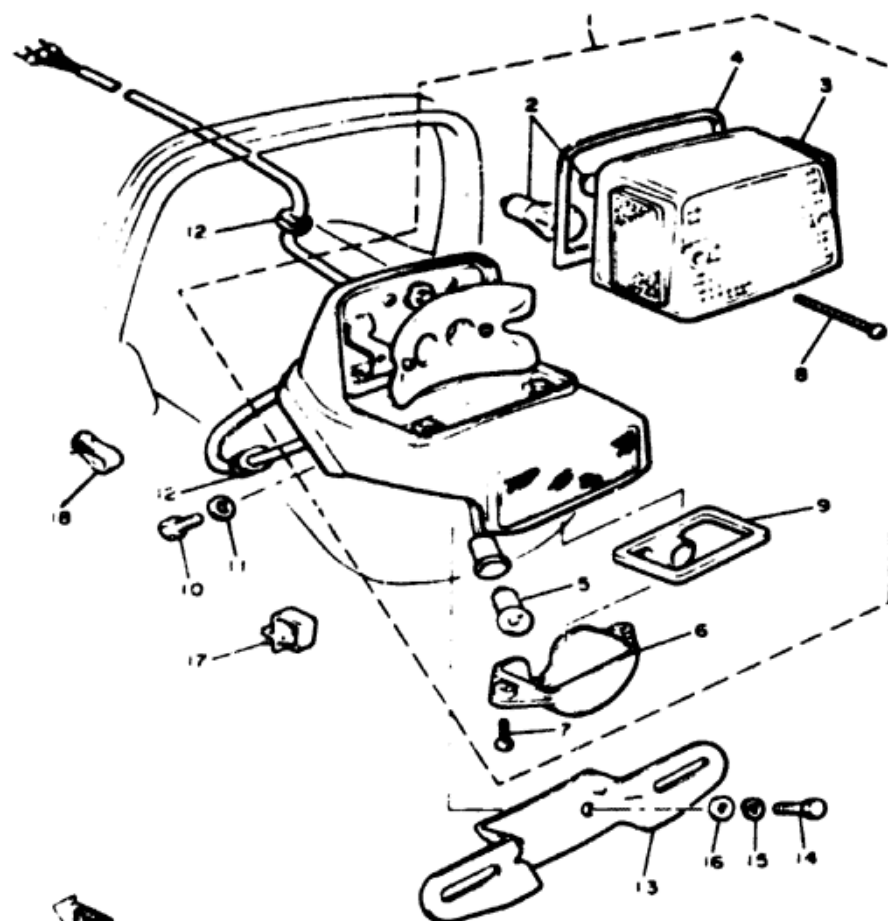
# HEADLIGHT



Ref. No.	Part Number	Description	Qty.	Remarks
21	90105-08172-00	BOLT, WASHER BASED . . . . .	2	
22	95303-08600-00	NUT (95301-08600) . . . . .	2	
23	90201-085E6-00	WASHER, PLATE (90201-08114) . . . . .	2	
24	92506-08016-00	SCREW, PAN HEAD . . . . .	1	
25	92906-06100-00	WASHER, SPRING . . . . .	1	
26	90201-063J2-00	WASHER, PLATE (90201-06552) . . . . .	1	
27	90490-14023-00	GROMMET . . . . .	1	
28	90387-06388-00	COLLAR . . . . .	1	
29	97016-06025-00	BOLT (97306-06025) . . . . .	1	
30	92906-06600-00	WASHER, PLATE . . . . .	1	

See Service Data, Grid J-1

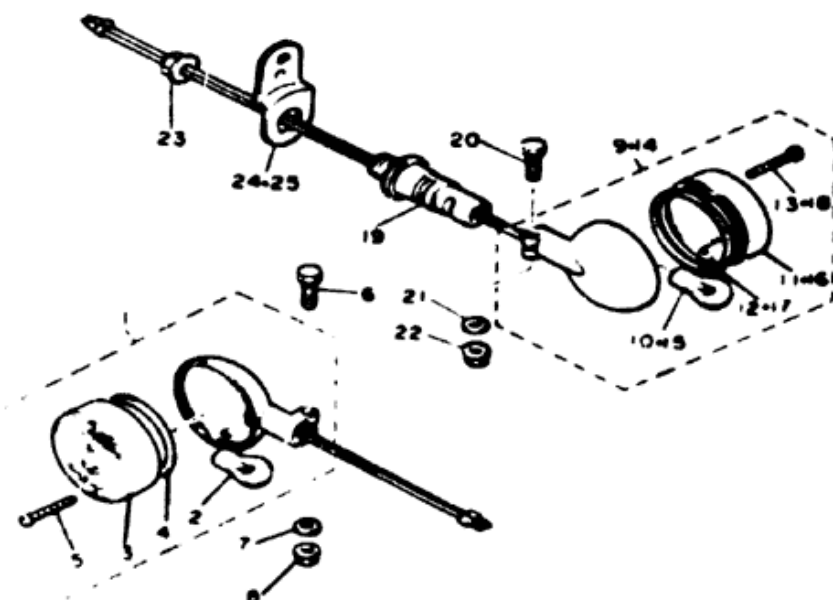
# **TAILLIGHT**



Ref. No.	Part Number	Description	Qty.	Remarks
1	33N-84700-80-00	TAILLIGHT ASS'Y . . . . .	1	
2	256-84714-81-00	. BULB (12V-27/8W) . . . . .	2	
3	5K5-84721-80-00	. LENS, TAILLIGHT . . . . .	1	
4	4H7-84723-00-00	. GASKET, TAIL LENS . . . . .	1	
5	4H7-84744-00-00	. BULB (12V-8W) . . . . .	1	
6	4H7-84743-00-00	. LENS, LICENSE LIGHT . . . . .	1	
7	98503-04014-00	. SCREW, PAN HEAD . . . . .	2	
8	98502-04085-00	. SCREW, PAN HEAD . . . . .	2	
9	4H7-84753-80-00	. DAMPER . . . . .	1	
10	97313-06016-00	BOLT (97301-06016) . . . . .	3	
11	92901-06600-00	WASHER, PLATE . . . . .	3	
12	90480-15061-00	GROMMET . . . . .	2	
13	5K5-84751-81-33	BRACKET, LICENSE . . . . .	1	YAMAHA BLACK
14	97016-06016-00	BOLT (97306-06016) . . . . .	2	
15	92906-06100-00	WASHER, SPRING . . . . .	2	
16	92906-06600-00	WASHER, PLATE . . . . .	2	
17	90464-16021-00	CLAMP . . . . .	1	
18	90464-12027-00	CLAMP . . . . .	1	

**See Service Data, Grid J-1**

# **URNSIGNAL**

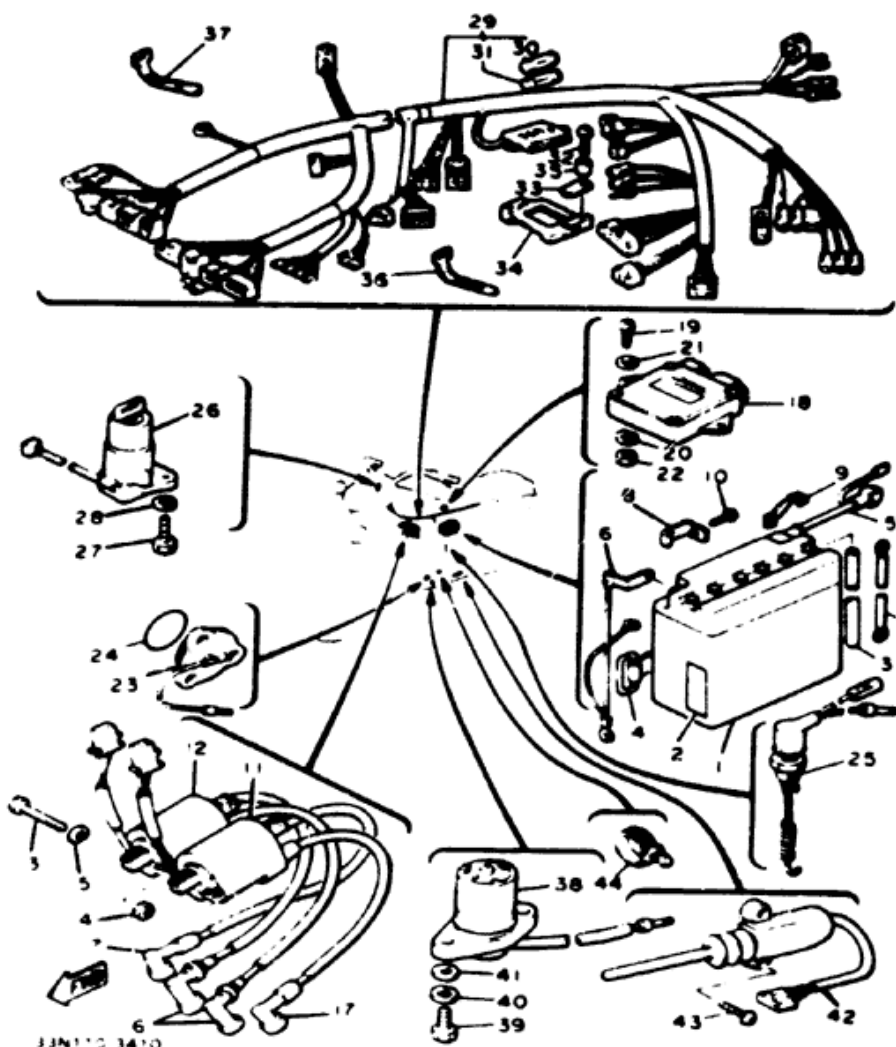


Ref. No.	Part Number	Description	Qty.	Remarks
1	4W5-83310-K0-00	FRONT FLASHER LIGHT ASS'Y 1	2	
2	256-83311-70-00	. BULB (12V-27W)	1	
3	4H7-83312-00-00	. LENS, FLASHER	1	
4	4H7-83313-00-00	. GASKET, FLASHER LENS	1	
5	96501-03030-00	. SCREW, PAN HEAD	2	
6	97026-06030-00	BOLT (97306-06030)	2	
7	92906-06600-00	WASHER, PLATE	2	
8	96706-06100-00	NUT, FLANGE	2	
9	4W5-83330-K0-00	REAR FLASHER LIGHT ASS'Y 1	1	
10	256-83311-70-00	. BULB (12V-27W)	1	
11	4H7-83312-00-00	. LENS, FLASHER	1	
12	4H7-83313-00-00	. GASKET, FLASHER LENS	1	
13	96501-03030-00	. SCREW, PAN HEAD	2	
14	4W5-83330-K0-00	REAR FLASHER LIGHT ASS'Y (4W5-83340-K0)	1	
15	256-83311-70-00	. BULB (12V-27W)	1	
16	4H7-83312-00-00	. LENS, FLASHER	1	
17	4H7-83313-00-00	. GASKET, FLASHER LENS	1	
18	96501-03030-00	. SCREW, PAN HEAD	2	
19	1AA-83318-00-00	STAY, FLASHER 1 (5K5-83318-00)	2	
20	97026-06030-00	BOLT (97306-06030)	2	
21	92906-06600-00	WASHER, PLATE	2	
22	96706-06100-00	NUT, FLANGE	2	
23	96701-12600-00	NUT, FLANGE (96701-12100)	2	
24	16R-83368-00-00	STAY, FLASHER	1	
25	16R-83369-00-00	STAY, FLASHER	1	

**See Service Data, Grid J-1**

**G-5**

# ELECTRICAL 1

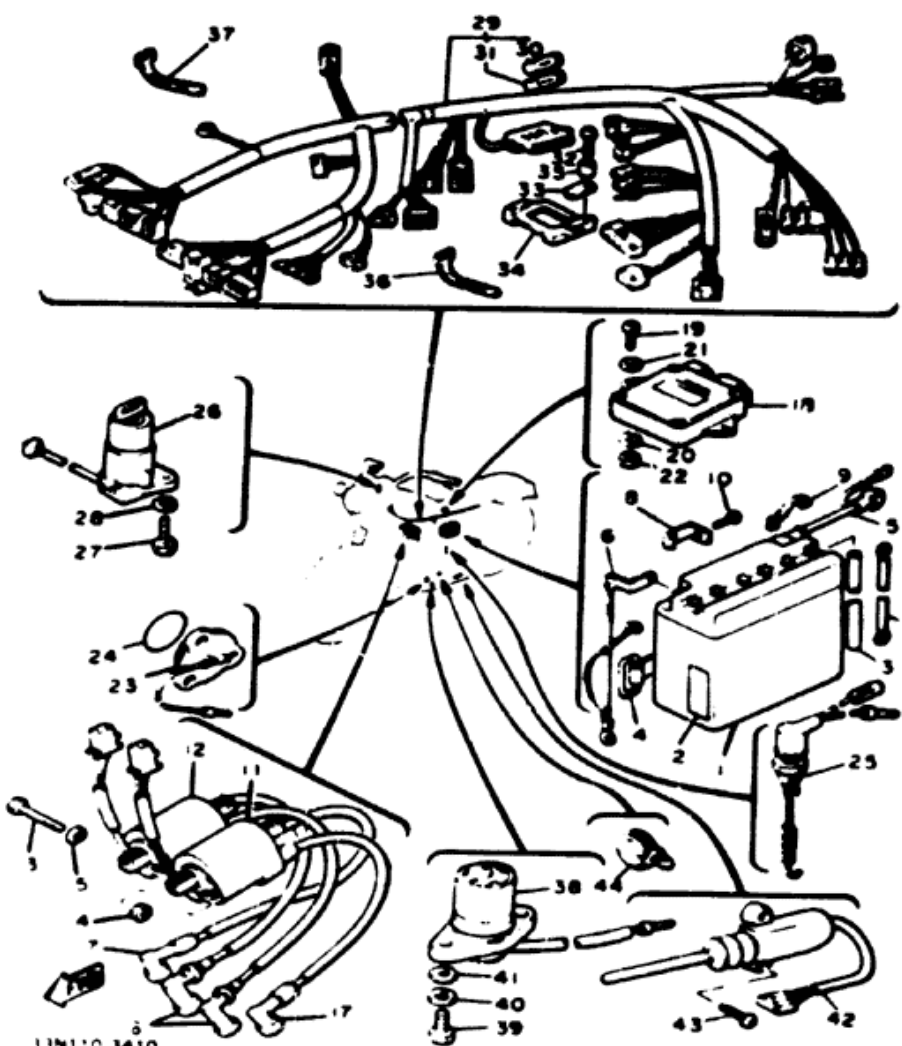


Ref. No.	Part Number	Description	Qty.	Remarks
1	BTY-YB14L-A2-00	BATTERY ASS'Y	1	
2	118-82141-08-00	LABEL, BATTERY (117-82141-08)	1	
3	90445-08336-00	HOSE	1	
4	26H-82131-00-00	BAND, BATTERY (137-82131-01)	1	
5	15R-82115-00-00	WIRE, PLUG LEAD	1	
6	5G2-82116-00-00	WIRE, MINUS LEAD	1	
7	4H7-82619-00-00	WIRE, EARTH LEAD	1	
8	5G2-82103-00-00	TERMINAL 1	1	
9	15R-82103-00-00	TERMINAL 1	1	
10	90153-08032-00	SCREW, HEXAGON	2	
11	4H7-82310-81-00	IGNITION COIL ASS'Y	1	
12	4H7-82320-81-00	IGNITION COIL ASS'Y	1	
13	97321-08080-00	BOLT (97301-08080)	2	
14	95303-06600-00	NUT (95302-06600)	2	
15	92990-06200-00	WASHER (92903-06200)	2	
16	1J7-82370-00-00	PLUG CAP ASS'Y	2	
17	256-82370-00-00	PLUG CAP ASS'Y	2	
18	5G2-82305-10-00	IGNITOR UNIT ASS'Y	1	
19	92503-06015-00	SCREW, PAN HEAD (92502-06016)	2	
20	92990-06100-00	WASHER, SPRING (92903-06100)	2	

See Service Data, Grid J-1

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# ELECTRICAL 1



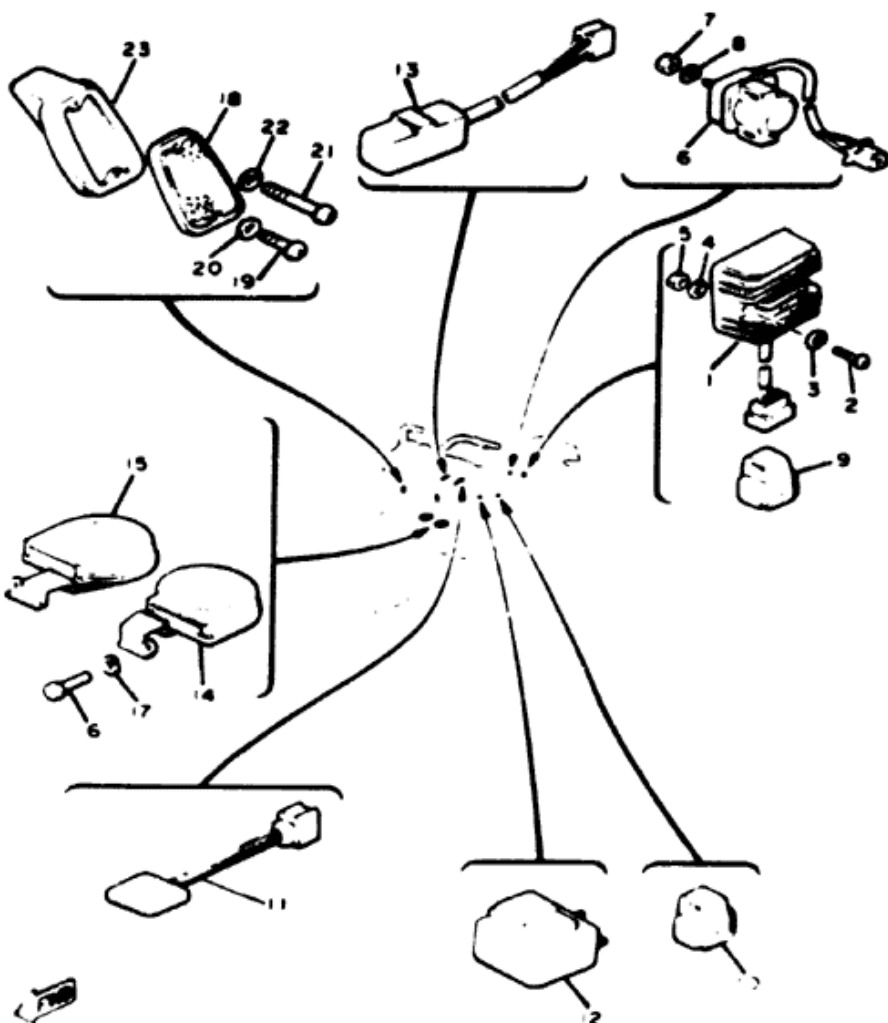
Ref. No.	Part Number	Description	Qty.	Remarks
21	92901-06600-00	WASHER (92902-06600)	2	
22	96303-06700-30	NUT (96301-06700)	2	
23	2H7-82540-00-00	NEUTRAL SWITCH ASS'Y	1	
24	90430-10027-00	GASKET (90430-10148)	1	
25	1E8-82530-00-00	STOP SWITCH ASS'Y	1	
26	47M-82401-50-00	MAIN SWITCH ASS'Y (4H7-82508-50)	1	
27	97021-06016-00	BOLT (97321-06016)	2	
28	92901-06600-00	WASHER (92902-06600)	2	
29	22R-82590-50-00	WIRE HARNESS ASS'Y	1	
30	116-82151-00-00	FUSE (12V-10A) (1A0-82151-00)	3	
31	1A0-82151-00-00	FUSE (12V-20A)	1	
32	97780-50125-00	SCREW, TAPPING (97702-50125)	2	
33	4K0-82558-00-00	WASHER	2	
34	4K0-82157-00-00	DAMPER	1	
35	90387-05856-00	COLLAR	2	
36	437-83936-10-00	BAND, SWITCH CORD	3	
37	447-82591-00-00	BAND	1	
38	4H7-85720-01-00	OIL LEVEL GAUGE ASS'Y (4H7-85720-00)	1	
39	97011-06020-00	BOLT (97321-06020)	2	
40	92980-06100-00	WASHER, SPRING (92903-06100)	2	
41	92901-06600-00	WASHER, PLATE	2	
42	5G2-82566-01-00	SWITCH, STAND	1	
43	98706-05016-00	SCREW, FLAT HEAD	2	
44	341-26397-01-00	BAND	1	

See Service Data, Grid J-1

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## ELECTRICAL 2

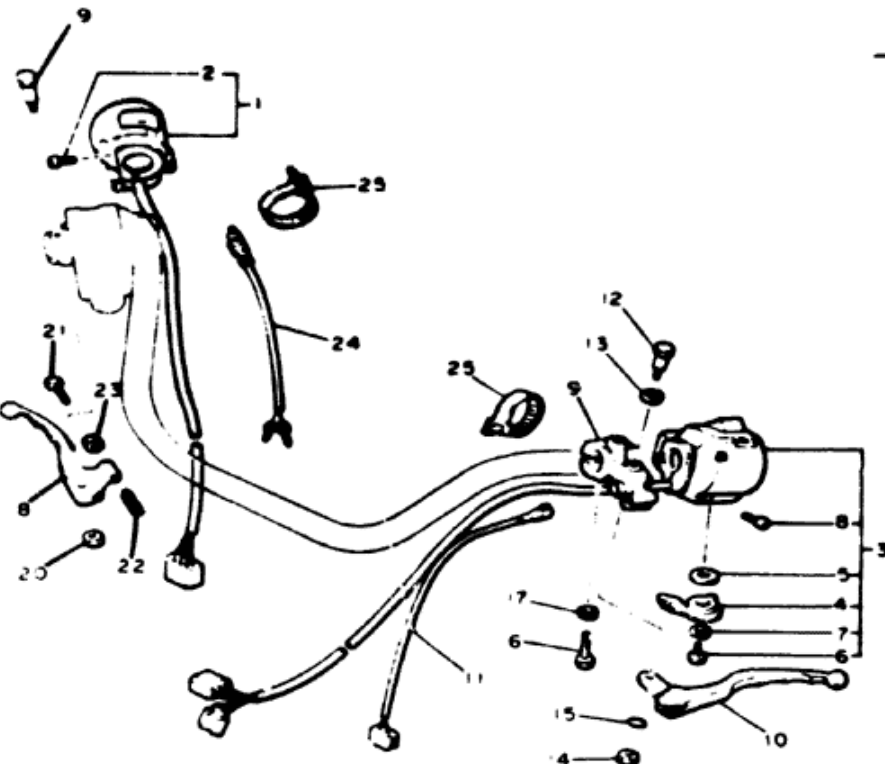


Ref. No.	Part Number	Description	Qty.	Remarks
1	12R-81980-A0-00	RECTIFIER & REGULATOR ASS'Y (4H7-81980-50)	1	
2	92502-06030-00	SCREW, PAN HEAD	2	
3	92990-06100-00	WASHER, SPRING (92903-06100)	2	
4	92901-06600-00	WASHER (92902-06600)	2	
5	95303-06700-00	NUT (95301-06700)	2	
6	22U-81940-00-00	STARTER SWITCH ASS'Y	1	
7	95303-06700-00	NUT (95301-06700)	2	
8	92990-06100-00	WASHER, SPRING (92903-06100)	2	
9	12R-81950-01-00	STARTER CIRCUIT CUT-OFF RELAY (12R-81950-00)	1	
10	4U8-81950-02-00	SIDE STAND RELAY ASS'Y (4U8-81950-00)	1	
11	4H7-81980-M0-00	DIODE	1	
12	4H7-83350-70-00	FLASHER RELAY ASS'Y	1	
13	1A0-83395-03-00	FLASHER CANCELLING UNIT	1	
14	15R-83371-20-00	HORN	1	
15	15R-83371-30-00	HORN	1	
16	97316-08016-00	BOLT (97306-08016)	2	
17	92906-08100-00	WASHER, SPRING	2	
18	4H1-85110-00-00	FRONT REFLECTOR ASS'Y	2	
19	98506-04018-00	SCREW, PAN HEAD (98501-04018)	2	
20	92901-04600-00	WASHER, PLATE	2	
21	[97602-04114-00]	SCREW, PAN HEAD (98502-04040)	2	
22	92901-04600-00	WASHER, PLATE	2	
23	4H7-85127-01-00	BASE, REFLECTOR	2	

**See Service Data, Grid J-1  
G-8**

# HANDLE SWITCH - LEVER

Ref. No.	Part Number	Description	Qty.	Remarks
1	26H-83975-00-00	SWITCH, HANDLE 2 (11H-83975-00)	1	
2	96506-06020-00	. SCREW, PAN HEAD	2	
3	16R-83973-00-96	SWITCH, HANDLE 3	1	LOW GLOSS BLACK
4	10M-83941-00-00	. LEVER, STARTER	1	
5	90209-10131-00	. WASHER	1	
6	92501-06006-00	. SCREW, PANHEAD	1	
7	92990-06100-00	. WASHER, SPRING (92903-06100)	1	
8	96506-06020-00	. SCREW, PAN HEAD	2	
9	10M-82911-00-00	HOLDER, LEVER 1	1	
10	10M-83912-00-00	LEVER 1	1	
11	3Y6-82917-00-00	SWITCH	1	
12	90109-06797-00	BOLT (90109-06576)	1	
13	90201-062A9-00	WASHER, PLATE	1	
14	95616-06100-00	NUT, U (95606-06100)	1	
15	93210-11368-00	O-RING	1	
16	97006-06022-00	BOLT (97306-06022)	1	
17	92906-06100-00	WASHER, SPRING	1	
18	2J2-83922-00-00	LEVER 2	1	
19	90109-06465-00	BOLT	1	
20	90170-06010-00	NUT	1	
21	90149-06131-00	SCREW	1	
22	90501-10312-00	SPRING, COMPRESSION	1	
23	95601-06100-00	NUT, U	1	
24	1A0-83980-30-00	FRONT STOP SWITCH ASS'Y	1	
25	437-83936-00-00	BAND, SWITCH CORD	4	



# TOP END GASKET KIT

## CONTENTS

Ref. No.	Part Number	Description	Qty.	Remarks		
	5G2-W0001-00-XX	TOP END GASKET KIT . . . . .			AIR FILTER	B-3,4
	5G2-11181-00-00	CYLINDER HEAD GASKET . . . . .	1		CABLE	F-7
	5G2-11355-00-00	CYLINDER HEAD SEAL . . . . .	1		CAMSHAFT	A-10
	5G2-11193-C0-00	HEAD COVER GASKET . . . . .	1		CARBURETOR	B-6-7
	93210-71462-00	CYLINDER BASE O-RING . . . . .	4		CHAIN	A-10
	93210-09443-00	CYLINDER HEAD O-RING . . . . .	4		CLUTCH	C-6,7
	90430-14131-00	DOWEL PIN GASKET . . . . .	2		CRANKCASE	B-10,11
	31A-11351-00-00	CYL. BASE GASKET (5G3-11351-00) . . . . .	1		CRANKCASE COVER	B-12,C
	5G2-12213-00-00	TENSIONER CASE GASKET . . . . .	1		CRANKSHAFT	A-8,9
	93210-08006-00	TENSIONER O-RING . . . . .	1		CYLINDER	A-7
	1J7-12119-01-00	VALVE STEM SEAL . . . . .	8		CYLINDER HEAD	A-6,8
	4H7-13556-01-00	INTAKE GASKET . . . . .	4		DRIVESHAFT	E-6-8
	4H7-14613-00-00	EXHAUST GASKET . . . . .	4		ELECTRICAL 1	G-6-7
					ELECTRICAL 2	G-8
					EXHAUST	B-8,9
					FENDER	E-2
					FOOTREST	F-9-11
					FRAME	E-1
					FRONT BRAKE - CALIPER	F-4
					FRONT FORK	E-9-11
					FRONT MASTER CYL.	F-8
					FRONT WHEEL	F-3
					FUEL TANK	F-1
					GENERATOR	C-2
					GOVERNOR	C-3
					HANDLEBAR	F-7
					HANDLE SWITCH	G-9
					HEADLIGHT	G-2,3
					LEVER	G-9
					METER	G-1
					MIDDLE DRIVE GEAR	C-10,11
					OIL FILTER	B-2
					OIL PUMP	B-1
					PISTON	A-8,9
					REAR SHOCKS	E-8
					REAR WHEEL	F-5,6
					SEAT	F-2
					SERVICE DATA	J-1
					SHIFT CAM	C-12
					SHIFT FORK	C-12
					SHIFT SHAFT	D-1
					SIDE COVER	E-3,4
					STAND	F-9-11
					STARTER CLUTCH	C-5
					STARTING MOTOR	C-4
					STEERING	E-12
					SWING ARM	E-5
					TAILLIGHT	G-4
					TECHNICAL BULLETINS	K-ROW
					TOP END GASKET KIT	H-1
					TRANSMISSION	C-8,9
					TURN SIGNAL	G-5
					VALVE	A-11,12

NOTE: This set does not include two cylinder stud o-rings, p/n 93210-18322, which should be replaced when performing top end repairs.

# SERVICE DATA

FILE MOTORCYCLE — 750 SECTION

DATE 11/5/82

BUL M82-036

## XJ750MK 1983 SERVICE DATA

<b>MODEL - IBM I.D. NUMBER</b>	XJ750MK	33N
Initial Engine Number / Frame Number	22R-100101 / JYA22R00X JDA100101	
Fuel Type/Total Fuel Tank Capacity/Reserve Cap.	Regular / 17 Lit. / 3.5 Lit.	

<b>ENGINE TYPE</b>	4-Stroke, DOHC, Parallel Four
Bore/Stroke/Number Cylinders/Displacement	65mm / 56.4mm / 4 / 748cc
Compression Ratio/Compression Pressure Min~Max	9.2:1 / 8.0 ~ 11.0 kg/cm <sup>2</sup>
Piston Skirt Clearance New / Max	0.030 ~ 0.050mm / 0.1mm
Ring End Gap Top / 2nd / 3rd	0.15 ~ 0.35mm / 0.15 ~ 0.35mm / 0.3 ~ 0.9mm
Valve Clearance (Cold) Intake / Exhaust	0.11mm ~ 0.15mm / 0.16 ~ 0.20mm
Oiling System	Wet Sump
Capacity: Dry	3500cc
Oil and Filter Change	2800cc
Oil Change Only	2500cc
Lubricant: Temp. Above 5°C (40°F)	Yamalube 4* or SAE 20W40 SE or SF
Temp. Below 15°C (60°F)	SAE 10W30 SE or SF
Cooling System / Capacity	Air / ∅
Coolant Type / Mixing Ratio	∅ / ∅

<b>AUTOLUBE - Min Stroke / Color Code</b>	∅
Minimum Output @ 200 Cycles	∅
Maximum Output @ 200 Cycles	∅

<b>CARBURETOR - Mfr. / Type / I.D. Number</b>	Hitachi / HSC32 / 15R-00
Main Jet / Pilot Jet	120 / 40
Needle Jet / Jet Needle-Clip Position	3.2 / Y-13 Fixed
Slide Cutaway	∅
Float Level / Fuel Level	NA / 3.0 ± 1mm
Idle rpm	1050 rpm
Max CO* / Max HC* / Set CO (Using YICS Tool)	6.0% / 800 ppm / 3.0% (All Settings @ Idle)

<b>SUSPENSION</b>	
Front: Inner Tube Diameter	∅
Oil Type / Level / Qty	20 Wt. Fork Oil* / ∅ / 257cc
Gas Pressure Min ~ Max / Standard	0.4 ~ 1.2 kg/cm <sup>2</sup> / 0.4 kg/cm <sup>2</sup>
Spring Length Std	458.5mm
Rear: Gas Pressure Min ~ Max / Standard	∅
Minimum Brake Lining Thickness Front / Rear	1.5mm / 2.0mm
Tire Size (Nominal Pressure) Front / Rear	3.25H19 (1.8 kg/cm <sup>2</sup> ) / 130/90-16 67H (2.0 kg/cm <sup>2</sup> )

<b>TRANSMISSION - Oil Type / Qty Change / Qty Dry</b>	See ENGINE Above
Secondary Drive Type / Teeth / Chain	Shaft / 48-37 x 19-18 x 32-11 / ∅
Middle Gear Case Capacity	∅
Final Gear Case Capacity	200cc
Gear Case Lubricant	SAE 80W90 Hypoid Gear Oil GL-4

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FILE MOTORCYCLE — 750 SECTION

DATE 11/5/82

BUL M82-036

<b>CHARGING SYSTEM</b>	AC Generator / 3-Phase / Full Wave
Battery: Model / Specific Gravity / Charge Rate	YB14L-A2 (12V14AH) / 1.260 / 1.4A
Maximum Output	14V19A @ 5000 rpm
Field Coil Color Code / Ω	Grn ~ Brn / 4.0Ω ± 10%
Stator Coil Color Code / Ω	Wht ~ Wht / 0.46Ω ± 10%
Charge Coil Color Code / Ω	∅

<b>IGNITION SYSTEM</b>	Transistor Controlled Ignition
Ignition Timing	7° @ 1050 rpm Full Adv: 30.5° @ 4000 rpm
Spark Plug Type	NGK BP7ES or Nippon Denso W22EPU
Spark Plug Gap / Torque / Cap Ω	0.7 ~ 0.8mm / 2.0 m·kg / NA
Point Gap / Condenser Capacitance	∅
Ignition Coil Test Gap / Primary Ω / Secondary Ω	6mm / 2.5Ω ± 15% / 11KΩ ± 15%
Pulser Coil or Pickup Coil Color Code / Ω	Gry ~ Blk; Org ~ Blk / 650Ω ± 20%
Source Coil Color Code / Ω	∅

<b>LIGHTING SYSTEM</b>	
Headlight / Taillight / Signal Rating	12V60-55W / 12V27-8W / 12V27W
Lighting Coil Color Code / Ω	∅

<b>TORQUE VALUES</b>	
Front Axle Nut	M14: 10.7 m·kg
Front Axle Holder Nut	M8: 2.0 m·kg
Rear Axle Nut	M14: 10.5 m·kg
Rear Axle Pinch Bolt	M8: 0.6 m·kg
Clutch Nut	M20: 7.0 m·kg
Drain Plug	M14: 4.3 m·kg
Flywheel Nut	NA
Cylinder Head Cover	M6: 1.0 m·kg
Cylinder Head:	M8: 2.2 m·kg
	M10: 3.2 m·kg (Apply Oil)
Engine Mounting Bolts: Front	M10: 4.2 m·kg
Rear	M10: 7.2 m·kg
Stay	M8: 2.0 m·kg

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∅ = Does Not Apply To This Model  
NA = Information Not Available

\*Available From Yamaha Parts Distributors Inc.  
\*For Diagnostic Use Only

### SERVICE LITERATURE

PUBLICATION	PART NUMBER	REMARKS
OWNER'S MANUAL	LIT-11626-03-95	
SERVICE MANUAL	LIT-11616-03-95	SUPPLEMENT TO XJ750K (03-39)
ASSEMBLY MANUAL	LIT-11666-03-95	SUPPLEMENT TO B.A.M. (03-85)
CONSUMER MANUAL	LIT-11656-03-95	