



# **YAMAHA**

## **PARTS CATALOGUE**

### **XJ550RH (4U8)**

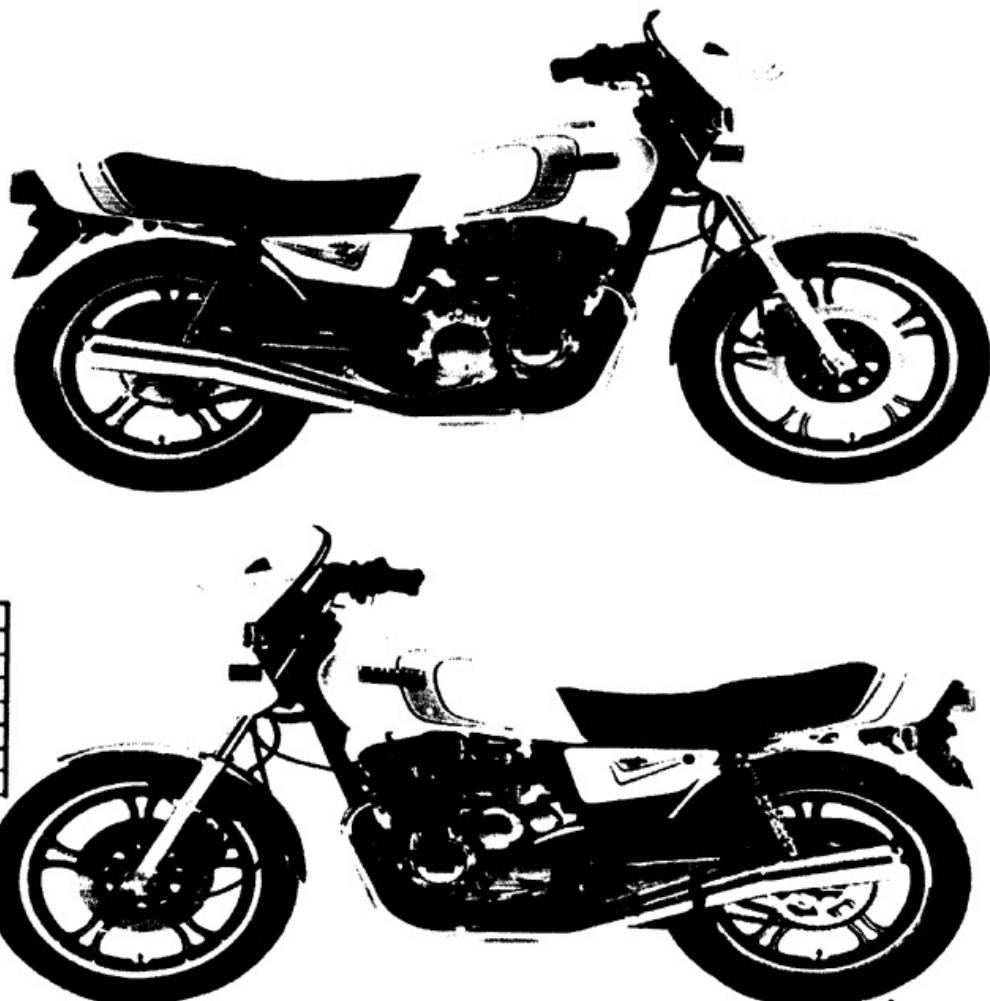
#### **MODEL YEAR 1981**

(A) Frame Serial No.	4U8-000101 and following
(B) Engine Serial No.	4U8-000101 and following

**XJ550RH VIN #:** JYA-44800-( )BA-000101

MODEL - IBM I.D. NUMBER	XJ550RH	4U8
Initial Engine Number / Frame Number	4U8-000101 / 4U8-000101	
Basic Color(s)	New Pearl White	
Fuel Type / Fuel Tank Capacity / Reserve Capacity	Regular / 16 Lit. (4.2 Gal.) / 3.5 Lit. (0.9 Gal.)	
Dry Vehicle Weight	165 kg (368 lb.)	
ENGINE TYPE	4-Stroke, Parallel Four, DOHC, Air-Cooled	
Bore/Stroke/Number Cylinders/Displacement (cc)	57.0mm / 51.8mm / 4 / 529cc	
Compression Ratio/Compression Pressure Min~Max	9.6:1 / 7.0 ~ 9.6 kg/cm <sup>2</sup>	

PUBLICATION	PART NUMBER	REMARKS
OWNER'S MANUAL	LIT-11626-02-29	
SERVICE MANUAL	LIT-11616-XJ-50	COMBINED WITH XJ550H
ASSEMBLY MANUAL	LIT-11666-02-29	
CONSUMER MANUAL	LIT-11656-02-29	
LEAFLET	LIT-11119-02-13	





# **YAMAHA**

## **PARTS CATALOGUE**

### **XJ550RJ (4U8)**

### **MODEL YEAR 1982**

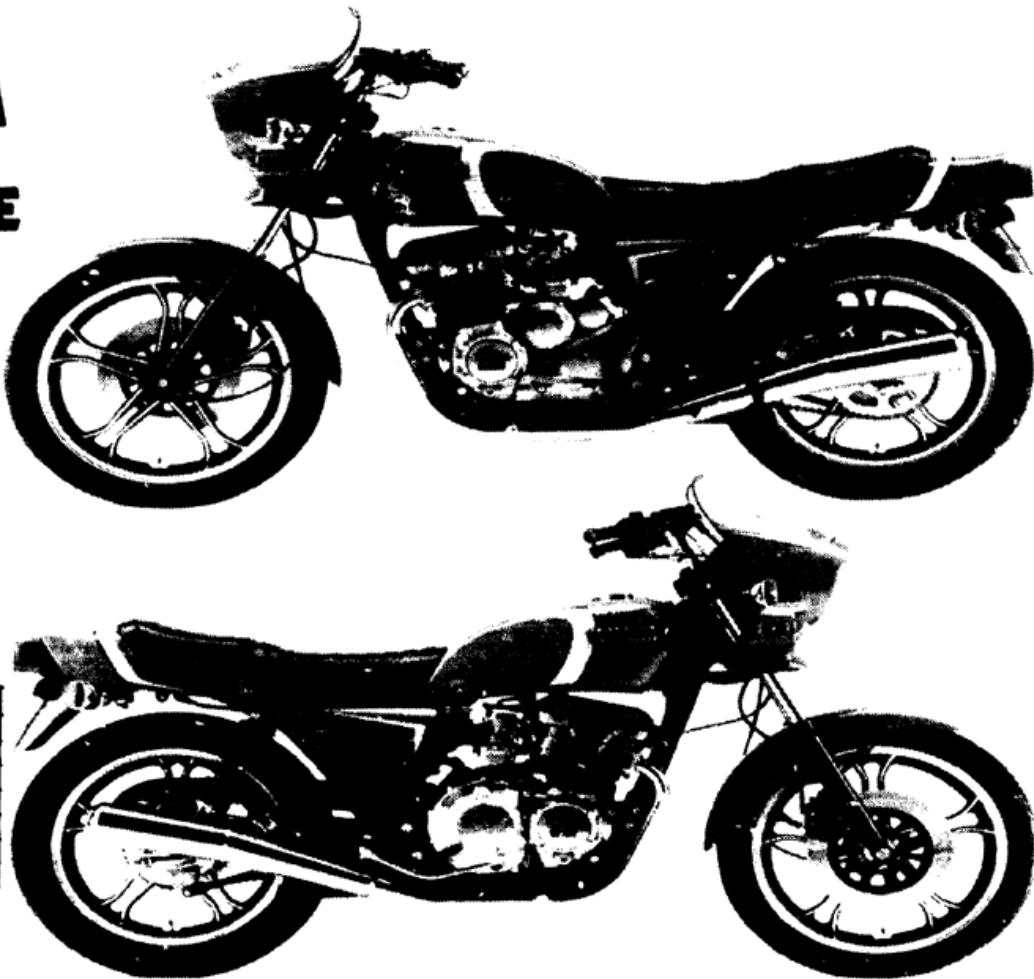
Initial Serial No. and Color Code

(A) Frame Serial No.	4U8-0020101 and following
(B) Engine Serial No.	4U8-0020101 and following

**XJ550RJ VIN #:** JYA-4U800-( )CA-020101

MODEL - ISM LD. NUMBER	XJ550RJ	4U8
Initial Engine Number / Frame Number	4U8-020101 / 4U8-020101	
Basic Color(s)	Maxim Red	
Fuel Type/Fuel Tank Capacity/Reserve Capacity	Regular / 16 Lit. / 3.8 Lit.	
Dry Vehicle Weight	185 kg	
<b>MOTOR TYPE</b>	4-Stroke, Air-Cooled, DOHC, Parallel Four	
Bore/Stroke/Number Cylinders/Displacement (cc)	57.0mm / 51.8mm / 4 / 528cc	
Compression Ratio/Compression Pressure Min~Max	9.5:1 / 7.0 ~ 9.5 kg/cm <sup>2</sup>	

PUBLICATION	PART NUMBER	REMARKS
OWNER'S MANUAL	LIT-11626-02-88	
SERVICE MANUAL	LIT-11616-XJ-50	USES XJ550RH
ASSEMBLY MANUAL	LIT-11666-02-29	USES XJ550RH
CONSUMER MANUAL	LIT-11656-02-88	





# YAMAHA

## PARTS CATALOGUE XJ550RK (4U8)

### MODEL YEAR 1983

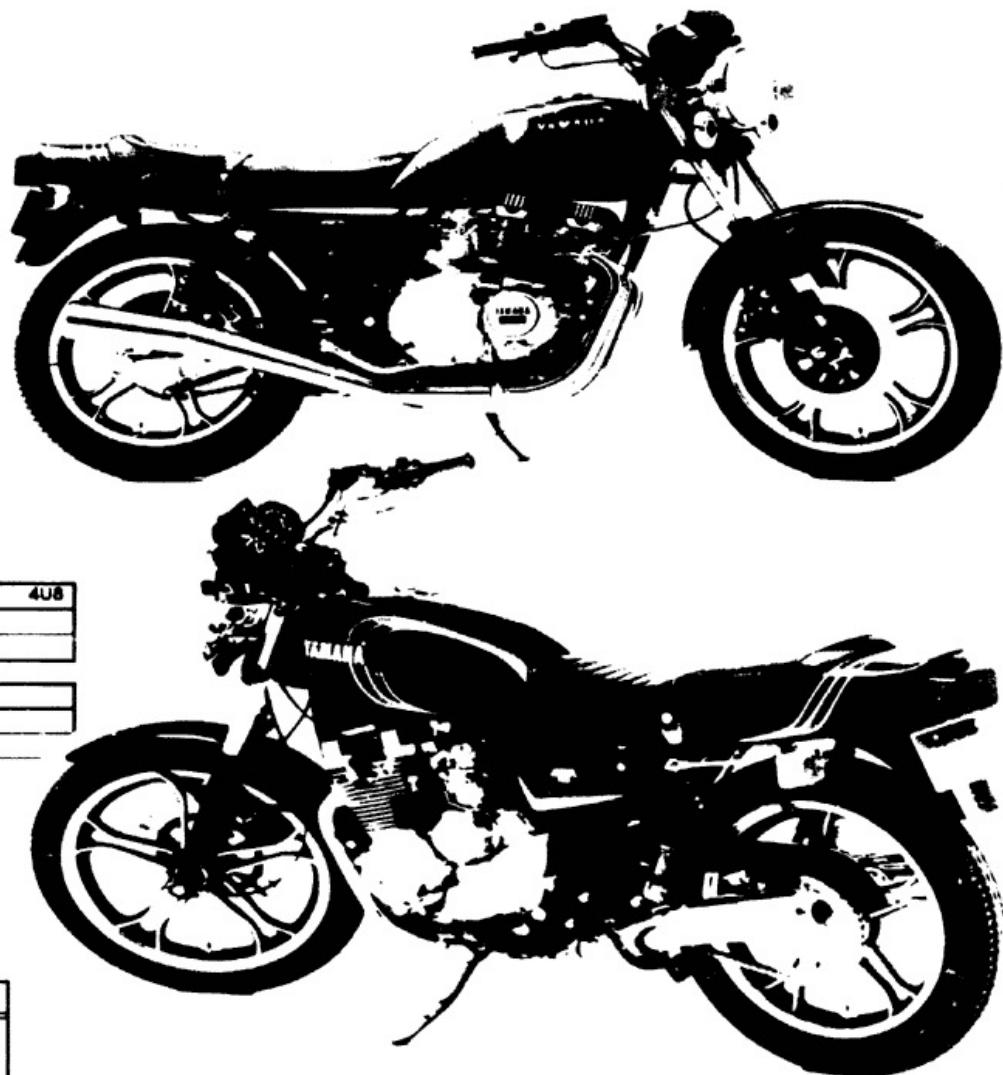
Initial Serial No. and Color Code

A Frame Serial No.	4U8-100101 and following
B Engine Serial No.	4U8-100101 and following

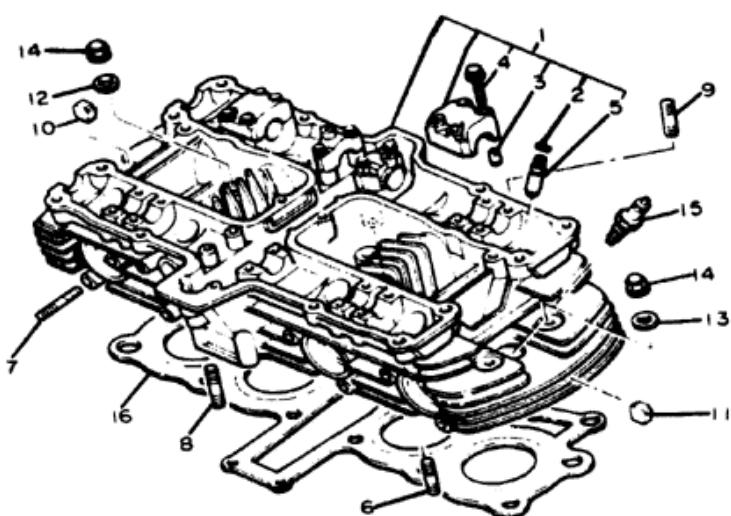
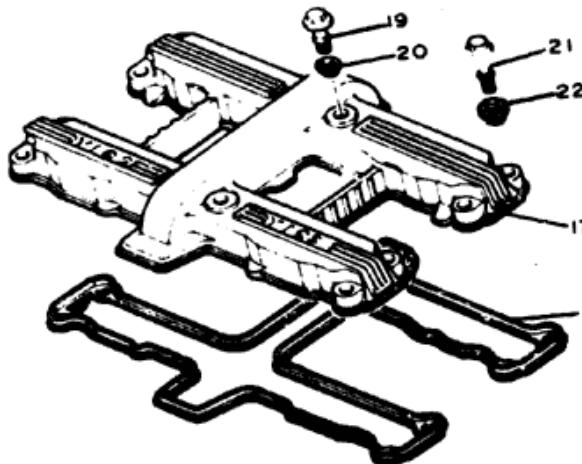
MODEL - MM LD. NUMBER	XJ550RK	4U8
Initial Engine Number / Frame Number	4U8-100101 / JYA4U800X	DA100101
Fuel Type/Total Fuel Tank Capacity/Reserve Cap.	Regular / 16 Lit. / 3.5 Lit.	
ENGINE TYPE	4-Stroke, DOHC, Parallel Four	
Bore/Stroke/Number Cylinders/Displacement	57mm / 51.8mm 4 / 528cc	
Compression Ratio/Compression Pressure Min~Max	9.5:1 / 7.0 ~ 9.5 kg/cm <sup>2</sup>	

#### SERVICE LITERATURE

PUBLICATION	PART NUMBER	REMARKS
Owner's Manual Service Manual Assembly Manual	LIT-11626-03-45 LIT-11616-XJ-50 LIT-11666-03-45	Same as XJ550RH, RJ Supp. to XS XJ XV XZ RD Basic Assembly Manual (03-85)
Consumer Information	LIT-11656-03-45	



# CYLINDER HEAD



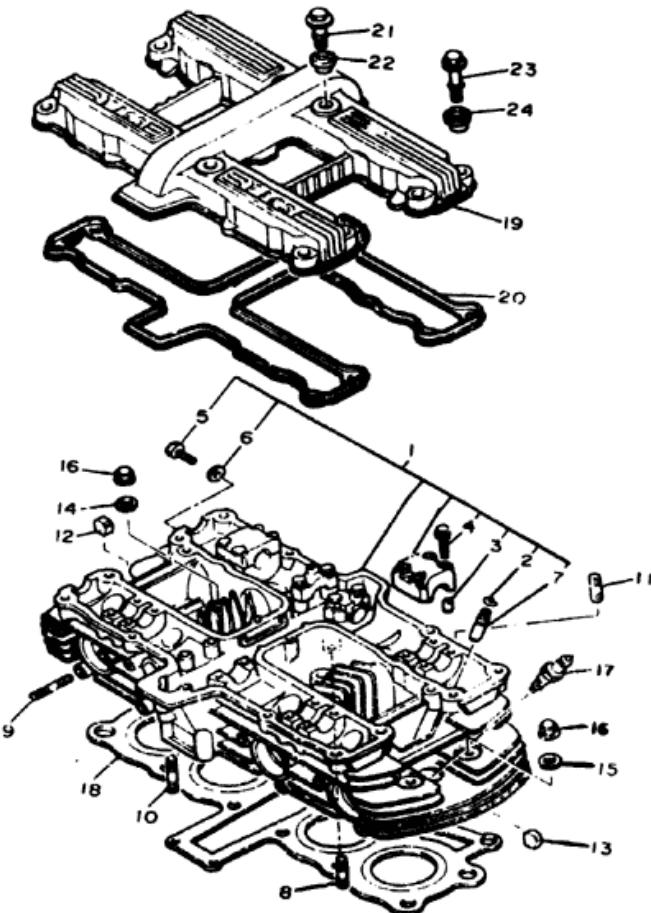
4U8110-1010

Ref. No.	Part Number	Description	Qty.	Remarks
1	4U8-11101-00-00	CYLINDER HEAD ASS'Y.....	1	
2	93440-10085-00	. CIRCLIP.....	8	
3	99510-08016-00	. PIN, dowel (91810-18016)....	12	
4	90105-06153-00	. BOLT, washer based .....	24	
5	4G0-11133-10-00	. GUIDE, intake valve (1ST O/S)	8	
6	95621-06618-00	BOLT, stud .....	2	
7	95611-06630-00	BOLT, stud .....	8	
8	95611-06625-00	BOLT, stud .....	2	
9	95621-08330-00	BOLT, stud .....	2	
10	434-11161-00-00	ABSORBER 1.....	8	
11	4H7-11161-00-00	ABSORBER 1.....	14	
12	90201-094G1-00	WASHER, plate (90201-08366)	10	
13	90201-08609-00	WASHER, plate .....	2	
14	90176-08026-00	NUT, crown .....	12	
15	NGK-D8EA0-00-00	PLUG, spark.....	4	U.R.
16	4U8-11181-00-00	GASKET, cylinder head 1 .....	1	
17	4V8-11191-00-00	COVER, cylinder head 1 .....	1	
18	4G0-11193-00-00	GASKET, head cover 1 .....	1	
19	90109-06604-00	BOLT.....	4	
20	4G0-1111G-00-00	RUBBER, mount 1.....	4	
21	90109-06605-00	BOLT.....	8	
22	4U8-1112G-00-00	RUBBER, mount 2.....	8	

**4U8-W0001-00-XX TOP END GASKET KIT  
SEE GRID G-1 FOR KIT CONTENTS**

Spark Plug Type	NGK D8EA or Nippon Denso X24ES-U
Spark Plug Gap / Torque / Cap Ω	0.6 ~ 0.7mm / 2.0 m-kg / 10K Ω
Cylinder Head Cover	6 x 1.0: 1.0 m-kg
Cylinder Head:	8 x 1.25: 2.2 m-kg 6 x 1.0: 1.0 m-kg

## CYLINDER HEAD



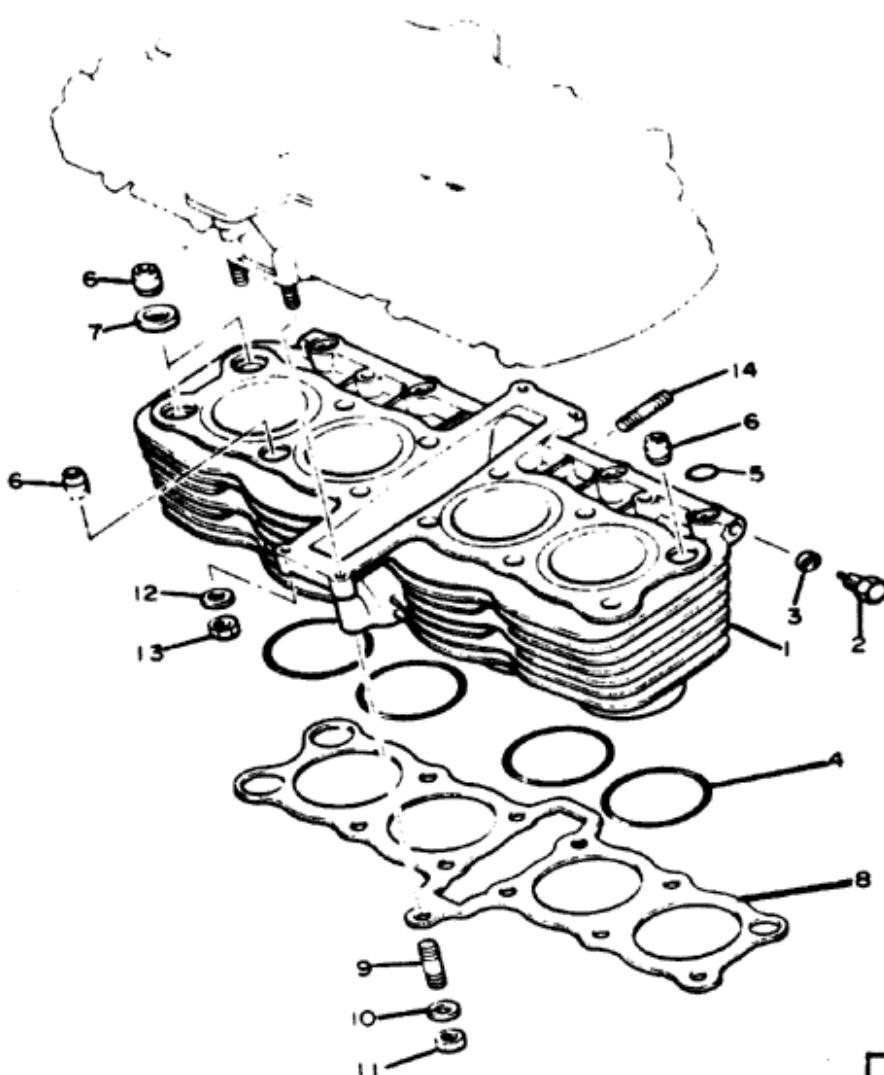
4V8300-2010

Cylinder Head Cover	M6: 1.0 m-kg
Cylinder Head	M8: 2.2 m-kg
	M8: 1.0 m-kg
Spark Plug Type	NGK D8EA or ND X24ES-U
Spark Plug Gap / Torque / Cap Q	0.6 ~ 0.7mm / 2.0 m-kg / 10KQ

Ref. No.	Part Number	Description	Qty.	Remarks
1	4U8-11101-00-00	CYL. HEAD ASS'Y .....	1	
2	93440-10085-00	. CIRCLIP .....	8	
3	99510-08016-00	. PIN, dowel (91810-18016) ...	12	
4	90105-06153-00	. BOLT, washer based .....	24	
5	90153-06045-00	. SCREW, hexagon (90153-06029) .....	1	
6	90430-06014-00	. GASKET .....	1	
7	4G0-11133-10-00	. GUIDE, Intake valve (1st O/S) ..	8	
8	95621-06618-00	BOLT, stud .....	2	
9	95611-06630-00	BOLT, stud .....	8	
10	95611-06625-00	BOLT, stud .....	2	
11	95621-08330-00	BOLT, stud .....	2	
12	434-11161-00-00	ABSORBER 1 .....	8	
13	4h7-11161-00-00	ABSORBER 1 .....	14	
14	90201-094G1-00	WASHER, plate .....	10	
15	90201-080L7-00	WASHER, plate (90201-08609) ..	2	
16	90176-08026-00	NUT, crown .....	12	
17	NGK-D3EA0-00-00 94701-00181-00	PLUG, spark (94701-00157) ... PLUG, spark (ND X24ES-U) ...	4	UR
18	4U8-11181-00-00	GASKET, cylinder head 1 .....	1	UR
19	4V8-11191-00-00	COVER, cylinder head 1 .....	1	
20	3KM-11193-00-00	GASKET, head cover 1 (4G0-11193-00) .....	1	
21	90109-06804-00	BOLT .....	4	
22	4G0-1111G-00-00	RUBBER, mount 1 .....	4	
23	90109-06805-00	BOLT .....	8	
24	4U8-1112G-00-00	RUBBER, mount 2 .....	8	

**4U8-W0001-00-XX TOP END GASKET KIT  
SEE GRID H-1 FOR CONTENTS**

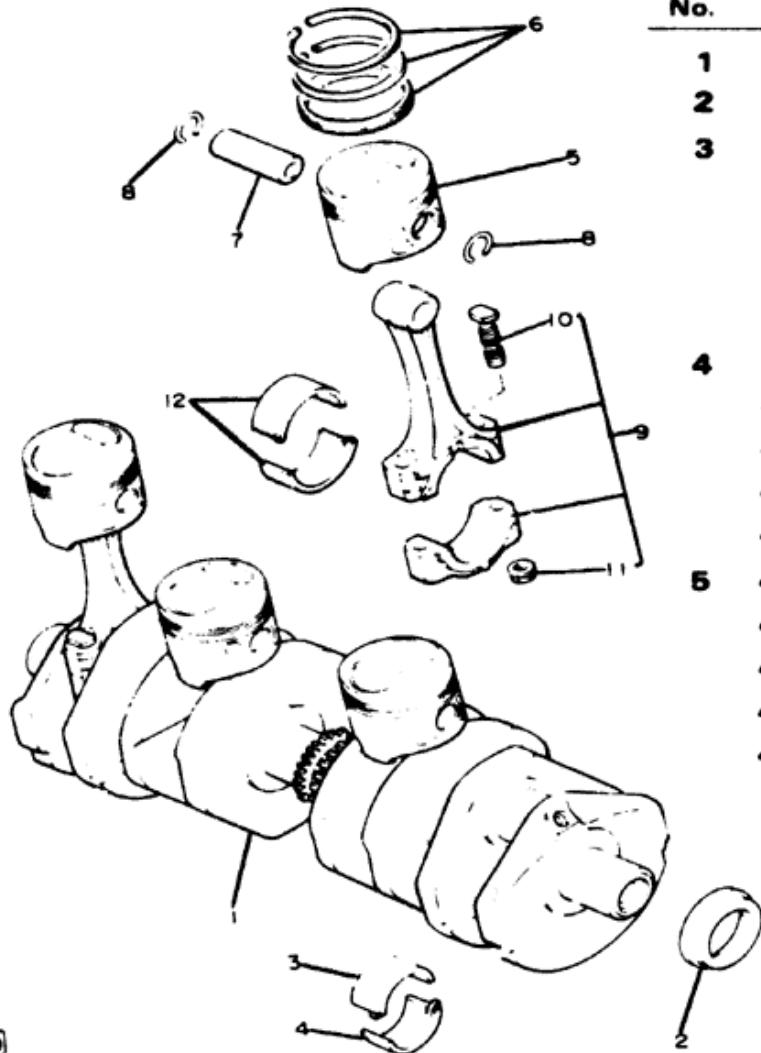
## CYLINDER



Ref. No.	Part Number	Description	Qty.
1	4V8-11310-01-00	CYLINDER (4V8-11310-00).....	1
2	90340-12065-00	PLUG, straight screw .....	2
3	90201-12790-00	WASHER, plate .....	2
4	93210-62323-00	O-RING.....	4
5	93210-09443-00	O-RING.....	4
6	99530-14016-00	PIN, dowel (91830-24016).....	4
7	90430-14131-00	GASKET .....	2
8	4U8-11351-00-00	GASKET, cylinder .....	1
9	95621-08330-00	BOLT, stud .....	1
10	90201-084G3-00	WASHER, plate (90201-08382)	3
11	95311-08600-00	NUT.....	3
12	92901-06600-00	WASHER, plate .....	4
13	95311-08600-00	NUT.....	4
14	90116-06351-00	BOLT, stud .....	1

Initial Engine Number / Frame Number	4U8-020101 / 4J8-020101
Bore/Stroke/Number Cylinders/Displacement (cc)	57.0mm / 51.8mm / 4 / 526cc
Compression Ratio/Compression Pressure Min~Max	9.5:1 / 7.0 ~ 9.5 kg/cm <sup>2</sup>

## CRANKSHAFT • PISTON

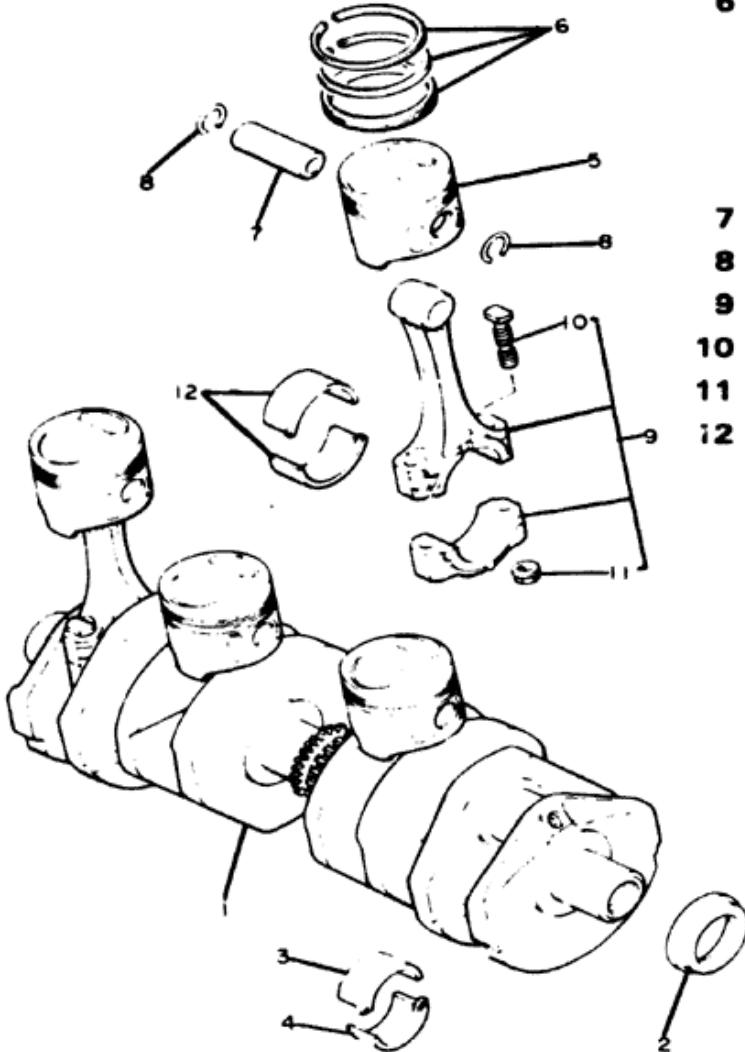


Ref. No.	Part Number	Description	Qty.	Remarks
1	4U8-11411-00-00	CRANKSHAFT.....	1	
2	4H7-15389-10-00	OIL SEAL .....	1	
3	4U8-11418-00-00	PLANE BEARING, crankshaft 3	5	U.R. Blue
	4U8-11418-10-00	PLANE BEARING, crankshaft 3	5	U.R. Black
	4U8-11418-20-00	PLANE BEARING, crankshaft 3	5	U.R. Brown
	4U8-11418-30-00	PLANE BEARING, crankshaft 3	5	U.R. Green
	4U8-11418-40-00	PLANE BEARING, crankshaft 3	5	U.R. Yellow
4	4G0-11418-00-00	PLANE BEARING, crankshaft 1	5	U.R. Blue
	4G0-11418-10-00	PLANE BEARING, crankshaft 1	5	U.R. Black
	4G0-11418-20-00	PLANE BEARING, crankshaft 1	5	U.R. Brown
	4G0-11418-30-00	PLANE BEARING, crankshaft 1	5	U.R. Green
	4G0-11418-40-00	PLANE BEARING, crankshaft 1	5	U.R. Yellow
5	4U8-11631-00-00	PISTON (STD) .....	4	U.R.
	4U8-11635-00-00	PISTON (1ST O/S 0.25MM) ....	4	Alternate Part
	4U8-11636-00-00	PISTON (2ND O/S 0.50MM)....	4	Alternate Part
	4U8-11637-00-00	PISTON (3RD O/S 0.75MM)....	4	Alternate Part
	4U8-11638-00-00	PISTON (4TH O/S 1.00MM)....	4	Alternate Part

FWD  
4U8110-1030

Piston Skirt Clearance New / Max	0.025 ~ 0.045mm / 0.1mm
Ring End Gap Top / 2nd / 3rd	0.15 ~ 0.35mm / 0.15 ~ 0.35mm / 0.3 ~ 0.9mm

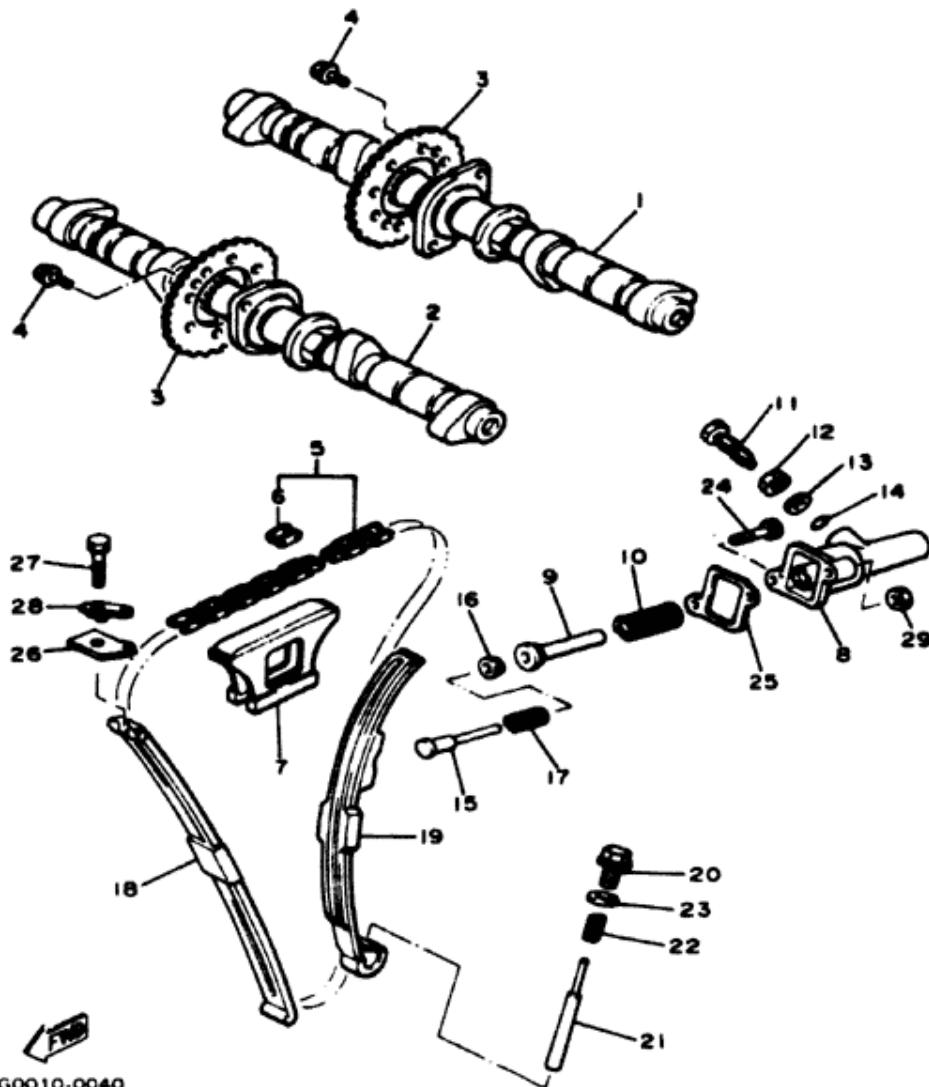
# CRANKSHAFT • PISTON



Ref. No.	Part Number	Description	Qty.	Remarks
6	4U8-11610-00-00	PISTON RING SET (STD) .....	4	
	4U8-11610-10-00	PISTON RING SET (1ST O/S)...	4	Alternate Part
	4U8-11610-20-00	PISTON RING SET (2ND O/S) ...	4	Alternate Part
	4U8-11610-30-00	PISTON RING SET (3RD O/S)....	4	Alternate part
	4U8-11610-40-00	PISTON RING SET (4TH O/S)....	4	Alternate Part
7	4U8-11633-00-00	PIN, piston.....	4	
8	93450-18068-00	CIRCLIP .....	8	
9	4U8-Y1165-00-00	CONNECTING ROD ASS'Y .....	4	
10	4H7-11654-00-00	. BOLT, connecting rod .....	2	
11	90179-07307-00	. NUT .....	2	
12	4U8-11656-00-00	PLANE BEARING, connecting rod	8	U.R. Blue
	4U8-11656-10-00	PLANE BEARING, connecting rod	8	U.R. Black
	4U8-11656-20-00	PLANE BEARING, connecting rod	8	U.R. Brown
	4U8-11656-30-00	PLANE BEARING, connecting rod	8	U.R. Green

Piston Skirt Clearance New / Max	0.025 ~ 0.045mm / 0.1mm
Ring End Gap Top / 2nd / 3rd	0.15 ~ 0.35mm / 0.15 ~ 0.35mm / 0.3 ~ 0.9mm

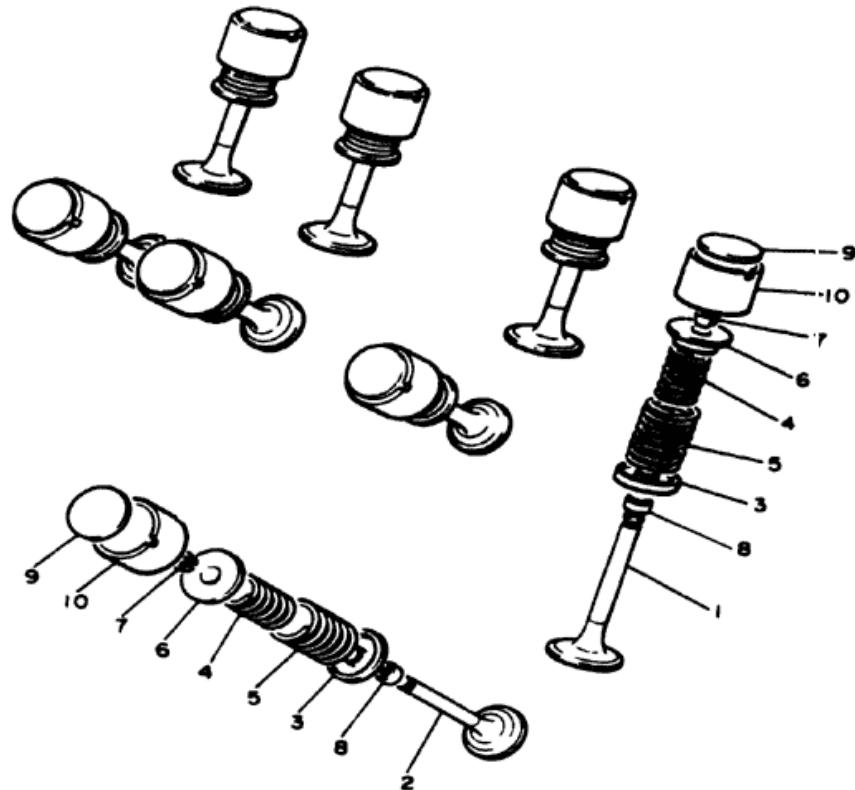
# CAMSHAFT • CHAIN



Ref. No.	Part Number	Description	Qty.
1	4U8-12171-00-00	CAMSHAFT 1 .....	1
2	4G0-12181-00-00	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	94600-02114-00	CHAIN (BF05M-114L) .....	1
6	94600-02001-00	. JOINT, chain.....	1
7	4H7-12241-00-00	GUIDE, stopper 2 .....	1
8	4V8-12212-00-00	CASE, chain tensioner .....	1
9	4G0-12217-01-00	ROD, chain tensioner .....	1
10	90501-16616-00	SPRING, compression .....	1
11	90109-08442-00	BOLT.....	1
12	95303-08700-00	NUT (95301-08700) .....	1
13	92901-06600-00	WASHER, plate .....	1
14	93210-06632-00	O-RING (93210-06001) .....	1
15	4G0-12227-00-00	ROD, chain tensioner 2.....	1
16	4G0-12232-00-00	DAMPER .....	1
17	90501-13615-00	SPRING, compression .....	1
18	4G0-12251-00-00	DAMPER, chain 1 .....	1
19	4G0-12252-01-00	DAMPER, chain 2 .....	1
20	90340-10061-00	PLUG, straight screw .....	1
21	90249-04184-00	PIN .....	1
22	90501-15603-00	SPRING, compression .....	1
23	90201-10118-00	WASHER, plate .....	1
24	91311-06025-00	BOLT.....	1
25	4G0-12213-00-00	GASKET, tensioner case.....	1
26	90209-06201-00	WASHER .....	1
27	97313-06035-00	BOLT (97301-06035) .....	1
28	90215-06177-00	WASHER, lock.....	1
29	90179-06333-00	NUT.....	1

4G0010-0040

## VALVE



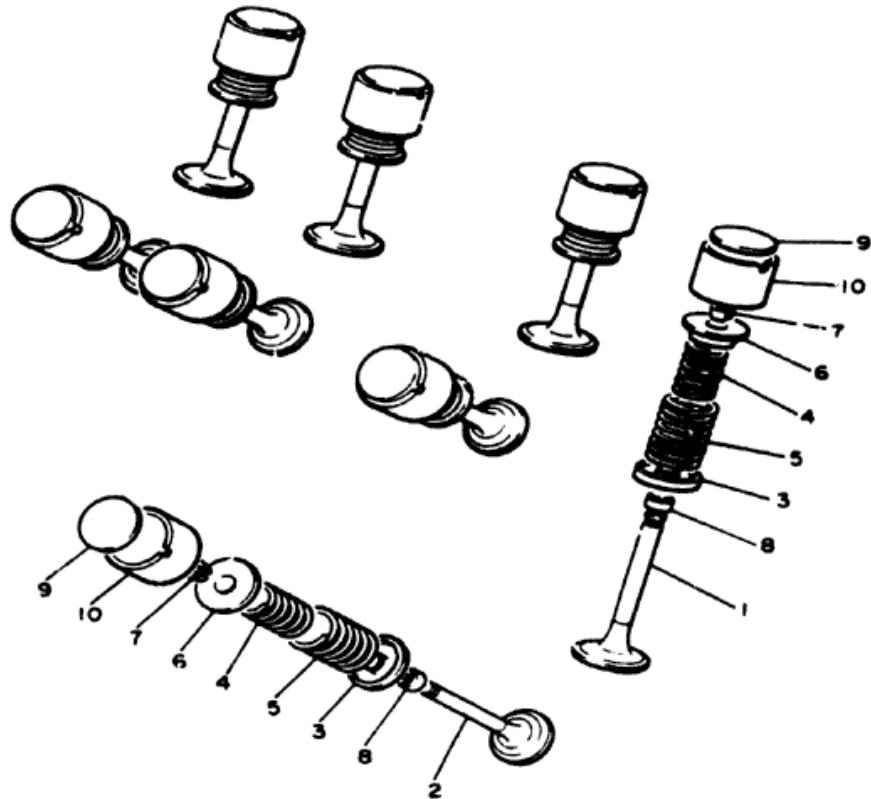
Ref. No.	Part Number	Description	Qty.	Remarks
1	4U8-12111-00-00	VALVE, intake .....	4	
2	4U8-12121-00-00	VALVE, exhaust.....	4	
3	4G0-12116-01-00	SEAT, valve spring . . . . .	8	
4	4G0-12113-00-00	SPRING, valve inner . . . . .	8	
5	4G0-12114-00-00	SPRING, valve outer.....	8	
6	4G0-12117-00-00	RETAINER, valve spring.....	8	
7	4G0-12118-00-00	COTTER, valve.....	16	
8	5H0-12119-00-00	SEAL, valve stem (4G0-12119-00)	8	
9	1J7-12169-01-00	PAD, adjusting (2.00) .....	8	U.R.
	1J7-12169-11-00	PAD, adjusting (2.05) .....	8	U.R.
	1J7-12169-21-00	PAD, adjusting (2.10) .....	8	U.R.
	1J7-12169-31-00	PAD, adjusting (2.15) .....	8	U.R.
	1J7-12169-41-00	PAD, adjusting (2.20) .....	8	U.R.
	1J7-12169-51-00	PAD, adjusting (2.25) .....	8	U.R.
	1J7-12169-61-00	PAD, adjusting (2.30) .....	8	U.R.
	1J7-12169-71-00	PAD, adjusting (2.35) .....	8	U.R.
	1J7-12169-81-00	PAD, adjusting (2.40) .....	8	U.R.

Valve Clearance (Cold) Intake / Exhaust

0.11mm ~ 0.15mm / 0.16mm ~ 0.20mm

4G0010-0050

## VALVE



Ref. No.	Part Number	Description	Qty.	Remarks
9	1J7-12169-91-00	PAD, adjusting (2.45) .....	8	U.R.
	1J7-12169-A1-00	PAD, adjusting (2.50) .....	8	U.R.
	1J7-12169-E1-00	PAD, adjusting (2.55) .....	8	U.R.
	1J7-12169-F1-00	PAD, adjusting (2.60) .....	8	U.R.
	1J7-12169-G1-00	PAD, adjusting (2.65) .....	8	U.R.
	1J7-12169-H1-00	PAD, adjusting (2.70) .....	8	U.R.
	1J7-12169-J1-00	PAD, adjusting (2.75) .....	8	U.R.
	1J7-12169-K1-00	PAD, adjusting (2.80) .....	8	U.R.
	1J7-12169-L1-00	PAD, adjusting (2.85) .....	8	U.R.
	1J7-12169-M1-00	PAD, adjusting (2.90) .....	8	U.R.
	1J7-12169-N1-00	PAD, adjusting (2.95) .....	8	U.R.
	1J7-12169-R1-00	PAD, adjusting (3.00) .....	8	U.R.
	1J7-12169-T1-00	PAD, adjusting (3.05) .....	8	U.R.
	1J7-12169-U1-00	PAD, adjusting (3.10) .....	8	U.R.
	1J7-12169-V1-00	PAD, adjusting (3.15) .....	8	U.R.
	1J7-12169-W1-00	PAD, adjusting (3.20) .....	8	U.R.
10	4H7-12153-01-00	LIFTER, valve .....	8	

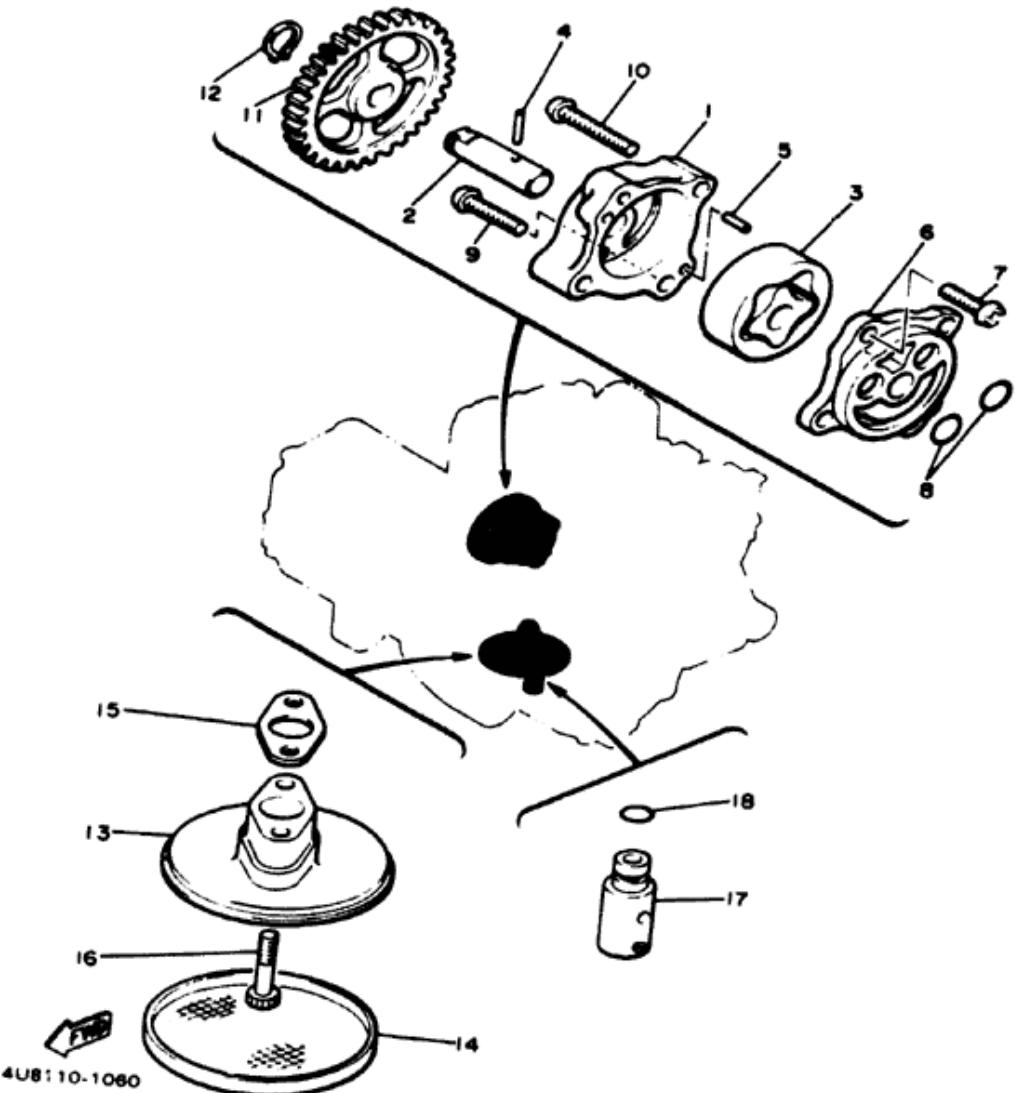


4G0010-0050

Valve Clearance (Cold) Intake / Exhaust

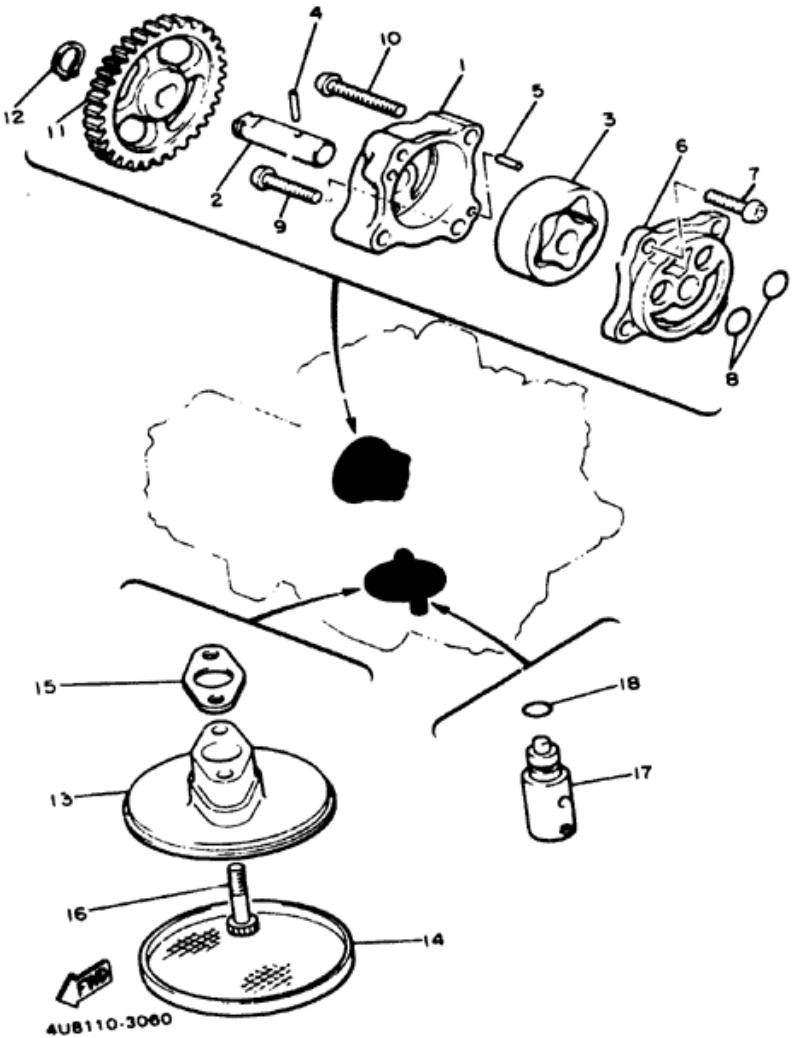
0.11mm ~ 0.15mm / 0.16mm ~ 0.20mm

## OIL PUMP



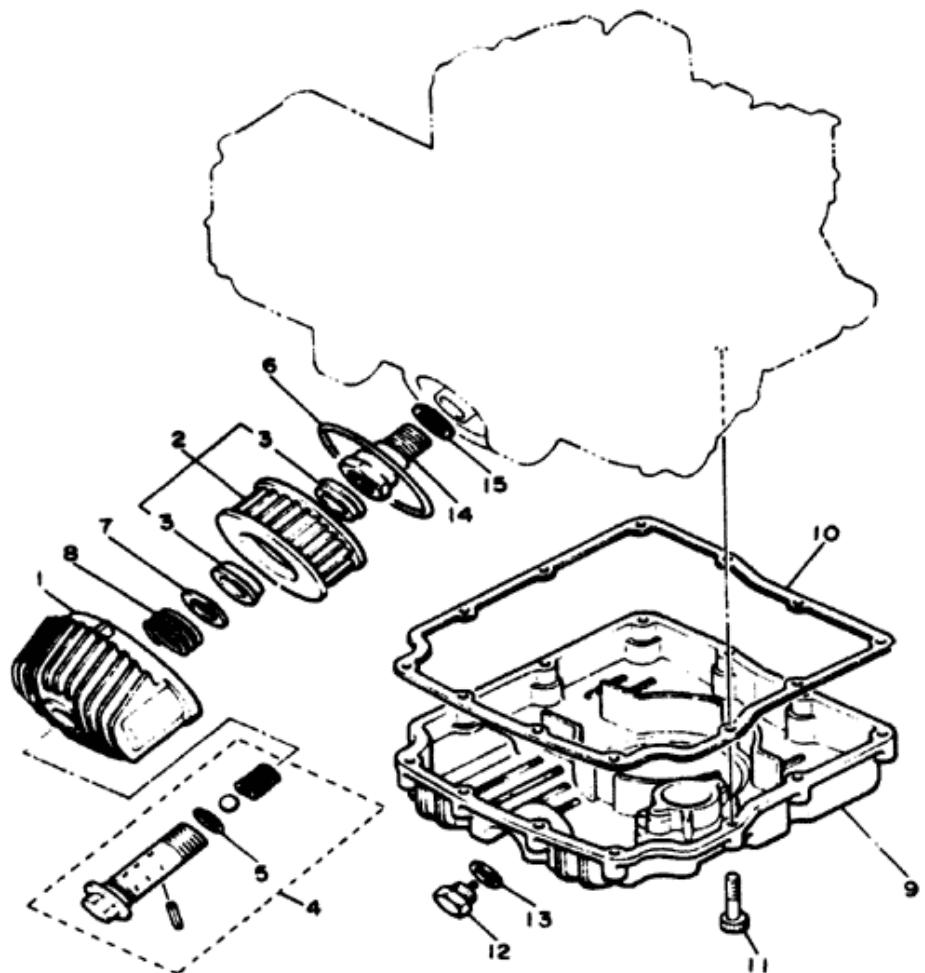
Ref. No.	Part Number	Description	Qty.
1	4G0-13336-00-00	HOUSING, rotor .....	1
2	4G0-13314-00-00	SHAFT, pump.....	1
3	4G0-13310-00-00	ROTOR ASS'Y 1 .....	1
4	93603-17070-00	PIN, dowel .....	1
5	93603-07073-00	PIN, dowel .....	2
6	4G0-13316-00-00	COVER, pump .....	1
7	92503-06015-00	SCREW, pan head (92501-06015)	1
8	93210-13361-00	O-RING .....	2
9	92501-06025-00	SCREW, pan head.....	1
10	92501-06035-00	SCREW, pan head.....	2
11	4G0-13326-00-00	GEAR, driven (43T) .....	1
12	99009-11400-00	CIRCLIP (93410-11002).....	1
13	4G0-13412-00-00	HOUSING, strainer .....	1
14	4H7-13411-01-00	STRAINER, oil .....	1
15	4G0-13415-00-00	SEAL, oil strainer.....	1
16	90110-06138-~0	BOLT (91316-06030) .....	2
17	4G0-13490-01-00	RELIEF VALVE ASS'Y .....	1
18	93210-10096-00	O-RING .....	1

## OIL PUMP



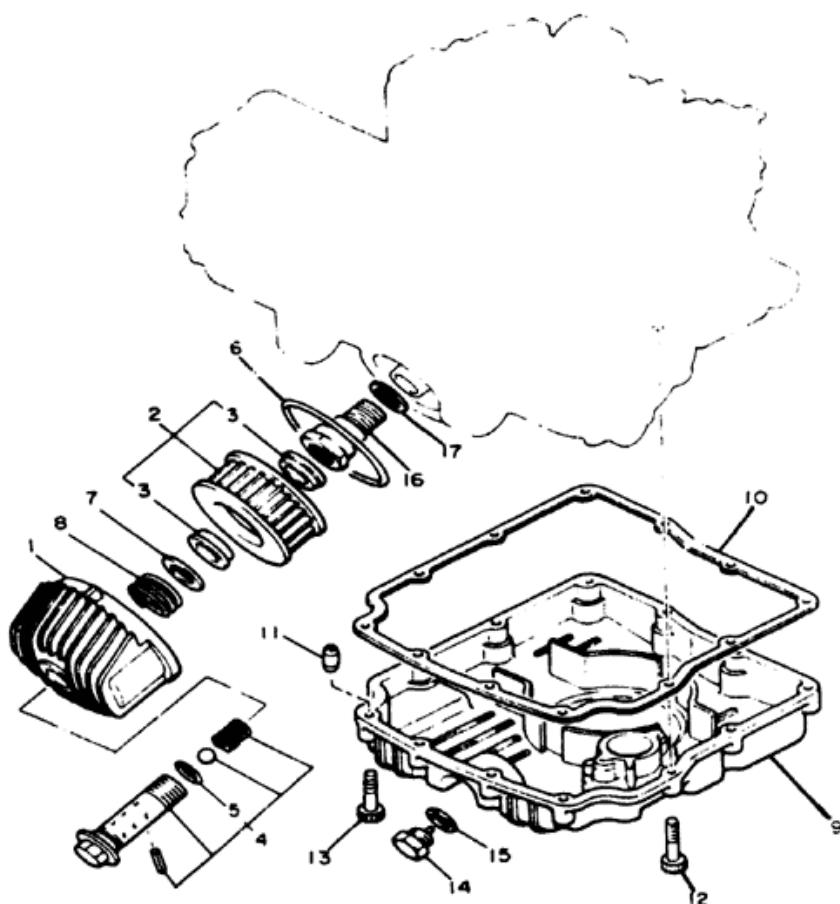
Ref. No.	Part Number	Description	Qty.	Remarks
1	4G0-13336-00-00	HOUSING, retro.....	1	
2	4G0-13314-00-00	SHAFT, pump .....	1	
3	4G0-13310-00-00	ROTOR ASS'Y 1 .....	1	
4	93603-17070-00	PIN, dowel .....	1	
5	93603-07073-00	PIN, dowel .....	2	
6	4G0-13316-00-00	COVER, pump .....	1	
7	92503-06015-00	SCREW, panhead (92501-06015)	1	
8	93210-13361-00	O-RING .....	2	
9	92501-06025-00	SCREW, panhead .....	1	
10	92501-06035-00	SCREW, panhead .....	2	
11	4G0-13325-00-00	GEAR, driven (43T) .....	1	
12	99009-11400-00	CIRCLIP (93410-11002) .....	1	
13	4G0-13412-00-00	HOUSING, strainer.....	1	
14	4H7-13411-01-00	STRAINER, oil .....	1	
15	4G0-13415-00-00	SEAL, oil strainer.....	1	
16	90110-06138-00	BOLT (91316-06030) .....	2	
17	11H-12390-00-00	RELIEF VALVE ASS'Y .....	1	
18	93210-10096-00	O-RING .....	1	

## OIL FILTER



Ref. No.	Part Number	Description	Qty.
1	4G0-13447-00-00	COVER, oil element.....	1
2	1L9-13440-91-00	ELEMENT ASS'Y, oil cleaner.....	1
3	90480-23193-00	. GROMMET .....	2
4	1L9-13340-01-00	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	4G0-13417-02-00	COVER, strainer.....	1
10	4G0-13414-01-00	GASKET, strainer cover (4G0-13414-00).....	1
11	90110-06138-00	BOLT (91316-06030) .....	12
12	90340-14042-00	PLUG, straight screw .....	1
13	214-11198-01-00	GASKET .....	1
14	90401-20089-00	BOLT, union (90401-20053).....	1
15	90201-20279-00	WASHER, plate .....	1

## OIL FILTER

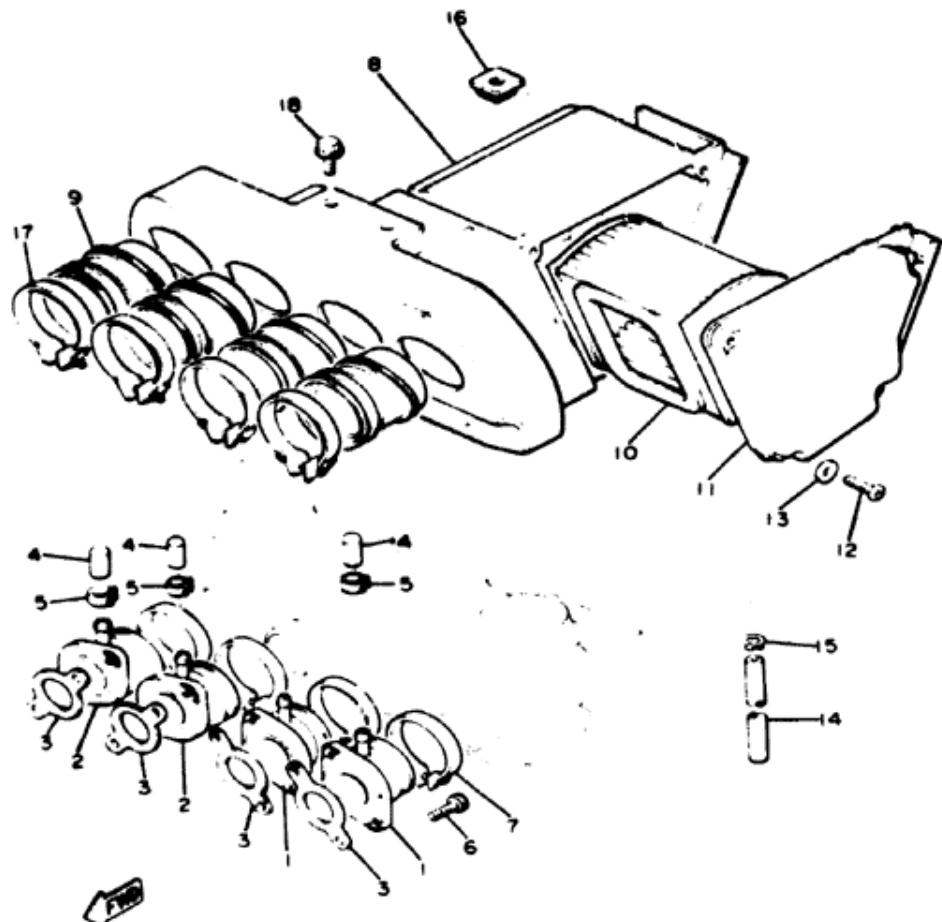


Ref. No.	Part Number	Description	Qty.	Remarks
1	4G0-13447-00-00	COVER, oil element .....	1	
2	1L9-13440-11-00	ELEMENT ASS'Y, (1L9-13440-91)	1	
3	90480-23193-00	. GROMMET .....	2	
4	1L9-13340-01-00	BY-PASS VALVE ASS'Y .....	1	
5	93210-16629-00	. O-RING (93210-16325) .....	1	
6	93210-88324-00	O-RING .....	1	
7	90201-21608-00	WASHER, plate .....	1	
8	90501-20422-00	SPRING, compression .....	1	
9	4G0-13417-03-00	COVER, strainer .....	1	
10	4G0-13414-01-00	GASKET, strainer cover .....	1	
11	99510-03018-00	PIN, dowel (91810-18016) .....	2	
12	90110-06138-00	BOLT (91316-06030) .....	10	
13	91316-06040-00	BOLT .....	2	
14	4X7-13455-00-00	PLUG .....	1	
15	214-11198-01-00	GASKET .....	1	
16	90401-20053-00	BOLT, union .....	1	
17	90201-20279-00	WASHER, plate .....	1	



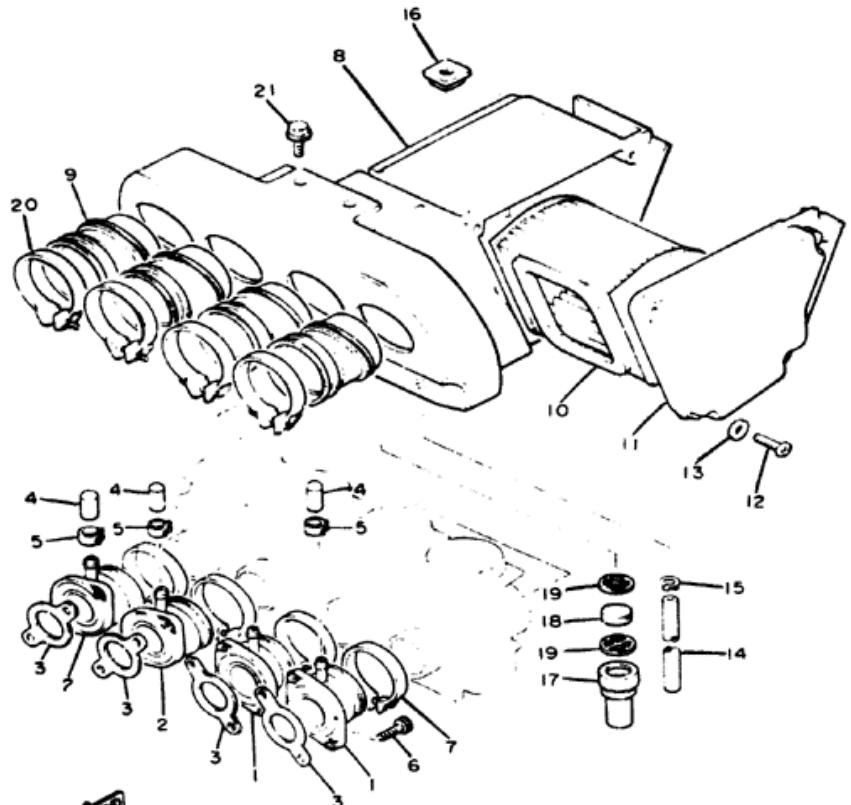
4U8110-3070

## INTAKE



Ref. No.	Part Number	Description	Qty.
1	4G0-13586-02-00	JOINT, carburetor 1 (4G0-13586-01).....	2
2	4G0-13596-02-00	JOINT, carburetor 2 (4G0-13596-01).....	2
3	4G0-13556-00-00	GASKET, manifold.....	4
4	1J7-13569-00-00	PLUG, blind .....	3
5	90467-10039-00	CLIP.....	3
6	91316-06018-00	BOLT.....	8
7	90460-46178-00	CLAMP, hose.....	4
8	4U8-14401-00-00	AIR CLEANER CASE ASS'Y .....	1
9	4G0-14453-00-00	JOINT, air cleaner 1.....	4
10	4U8-14451-00-00	ELEMENT, air cleaner .....	1
11	4U8-14412-00-00	CAP, cleaner case 1 .....	1
12	98506-05025-00	SCREW, pan head.....	4
13	92906-05600-00	WASHER, plate .....	4
14	90446-11021-00	HOSE.....	1
15	90467-09006-00	CLIP.....	1
16	4H7-14484-00-00	PLATE, cleaner case fitting .....	1
17	90460-56105-00	CLAMP, hose.....	4
18	90119-06029-00	BOLT, with washer .....	3

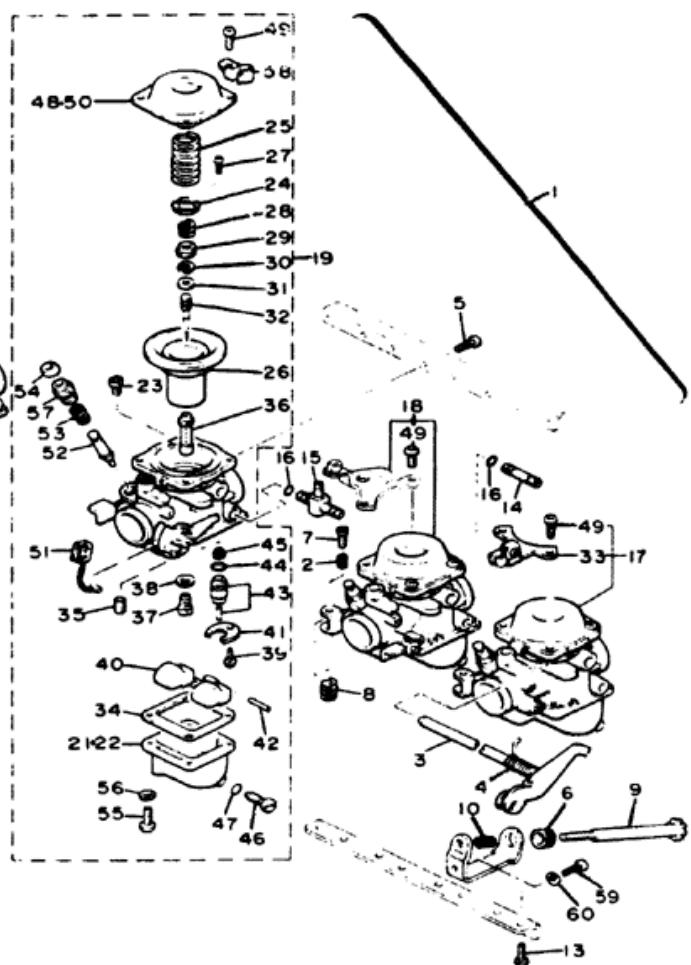
## AIR FILTER



4U8110-1081

Ref. No.	Part Number	Description	Qty.	Remarks
1	4G0-13586-02-00	JOINT, carburetor 1.....	2	
2	4G0-13596-02-00	JOINT, carburetor 2.....	2	
3	33M-13556-00-00	GASKET, manifold (4G0-13556-00) .....	4	
4	15G-13569-00-00	PLUG, blind (1J7-13569-00) ...	3	
5	90467-10039-00	CLIP .....	3	
6	91316-06020-00	BOLT .....	8	
7	90460-46187-00	CLAMP, hose .....	4	
8	4U8-14401-00-00	AIR CLEANER CASE ASS'Y .....	1	
9	4G0-14453-00-00	JOINT, air cleaner 1 .....	4	
10	4U8-14451-00-00	ELEMENT, air cleaner.....	1	
11	4U8-14412-00-00	CAP, cleaner case 1 .....	1	
12	98506-05025-00	SCREW, panhead .....	4	
13	92906-05600-00	WASHER, plate .....	4	
14	90446-11021-00	HOSE .....	1	
15	90467-09006-00	CLIP .....	1	
16	4H7-14484-00-00	PLATE, cleaner case fitting .....	1	
17	4U8-14423-00-00	PIPE, suction 1 .....	1	
18	4U8-14462-00-00	SEAL .....	1	
19	4U8-14473-00-00	GUIDE .....	2	
20	90460-56105-00	CLAMP, hose .....	4	
21	90119-06029-00	BOLT, w/washer .....	3	

## CARBURETOR



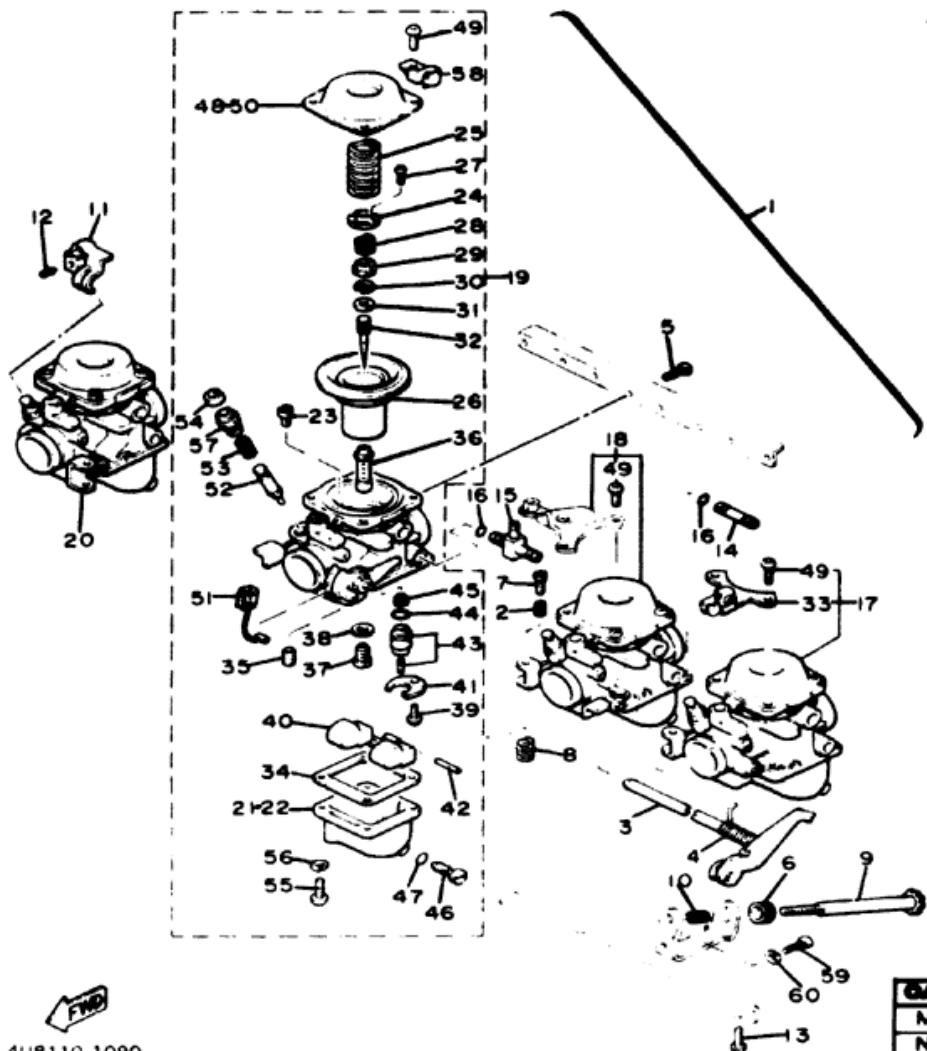
FWD

4U8110-1090

Ref. No.	Part Number	Description	Qty.	Remarks
1	[4U8-14900-00-00]	CARBURETOR ASS'Y .....	1	
2	3F7-14133-00-00	. SPRING, throttle stop .....	3	
3	[4G0-14975-00-00]	. LEVER, stater 1 .....	1	
4	4G0-14938-00-00	. SPRING .....	1	
5	98580-05010-00	. SCREW, panhead (97801-05010) .....	8	
6	4G0-14998-00-00	. BUSH .....	1	
7	820-14121-00-00	. SCREW, throttle stop .....	3	
8	137-14134-00-00	. SPRING, air adjusting .....	3	
9	31A-14103-00-00	. SCREW, throttle (4U8-14122-00) .....	1	
10	143-14133-00-00	. SPRING, throttle stop .....	1	
11	4G0-14905-00-00	. LEVER, stater .....	4	
14	584-14991-00-00	. SCREW .....	4	
13	92501-06014-00	. SCREW, panhead (97801-06014) .....	8	
14	4G0-14988-00-00	. PIPE, starter connecting .....	2	
15	4U8-14988-00-00	. PIPE, starter connecting .....	1	
16	822-14147-00-00	. O-RING .....	12	
17	4U8-14901-00-00	. CARBURETOR ASS'Y 1 .....	1	
18	[4U8-14902-00-00]	. CARBURETOR ASS'Y 2 .....	1	
19	4U8-14903-00-00	. CARBURETOR ASS'Y 3 .....	1	
20	4U8-14904-00-00	. CARBURETOR ASS'Y 4 .....	1	

CARBURETOR - Manufacturer / Type / I.D. Number		Mikuni / 0328 / 4J8-00
Main Jet / Pilot Jet		112.8 / 38
Needle Jet / Jet Needle-Clip Position		O-S / 4G211 Fixed
Slide Cutaway		#
Float Level / Fuel Level		30mm / 2.0 ± 1mm
Idle rpm		1200 rpm
Max CO* / Max HC* / Set CO (Using VICS tool)		7% / 500 ppm / 4% (All Settings @ Idle)

## CARBURETOR



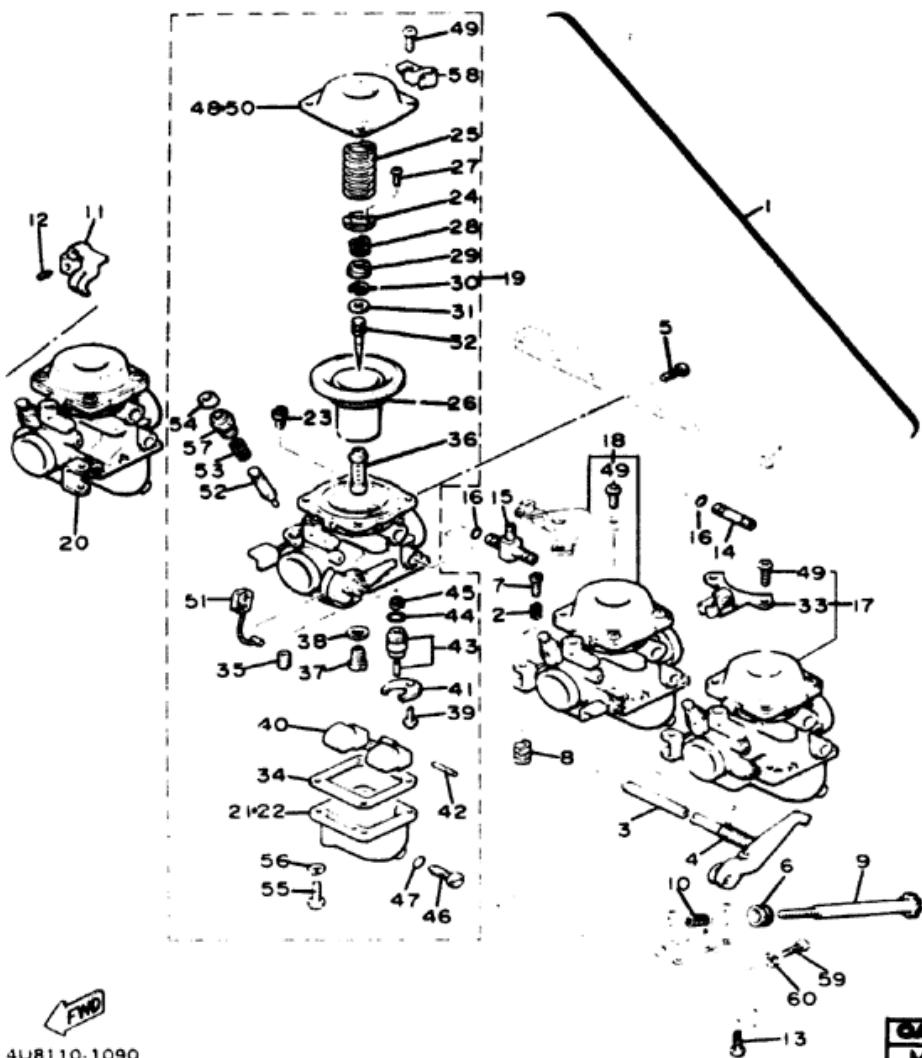
Ref. No.	Part Number	Description	Qty.	Remarks
21	4G0-14981-07-00	BODY, float chamber .....	2	
22	4G0-14982-07-00	BODY, float chamber .....	2	
23	3G2-14231-34-00	JET, main (#170.0) (256-14944-34-00) .....	4	
24	4U8-14936-00-00	SEAT, spring .....	4	
25	4U8-14933-00-00	SPRING, diaphragm .....	4	
26	4G0-14940-00-00	DIAPHRAGM ASS'Y.....	4	
27	97802-03008-00	SCREW, pan head.....	8	
28	3F7-14589-00-00	SPRING .....	4	
29	2N6-14227-01-00	WASHER .....	4	
30	164-14137-00-00	CLIP .....	4	
31	2N6-14918-01-00	RING.....	4	
32	443-14116-11-00	NEEDLE .....	4	
33	4G0-14926-00-00	BRACKET, throttle 1.....	1	
34	4G0-14984-00-00	GASKET, float chamber .....	4	
35	4G0-14142-35-A0	JET, pilot (#35.0) .....	4	
36	4U8-14941-38-00	NOZZLE, main .....	4	
37	620-14231-73-A0	JET, main (#365.0).....	4	
38	137-14153-00-00	WASHER, main jet .....	4	
39	98501-04006-00	SCREW, pan head (98501-04005) .....	4	
40	4G0-14985-00-00	FLOAT.....	4	

CARBURETOR - Mfr. / Type / I.D. Number		Mikuni / BS28 / 4U8-00
Main Jet / Pilot Jet		112.5 / 35
Needle Jet / Jet Needle-Clip Position		0-8 / 4GZ11 Fixed
Slide Cutaway or Throttle Valve		130
Float Level / Fuel Level		2.0 ± 1mm (Measured From Body Edge) / 30.0mm
Idle rpm		1200
Max CO <sup>a</sup> / Max HC <sup>a</sup> / Set CO		7% / 500 ppm <sup>**</sup> / 4% (All Settings @ Idle)

FWD

4U8110-1090

## CARBURETOR

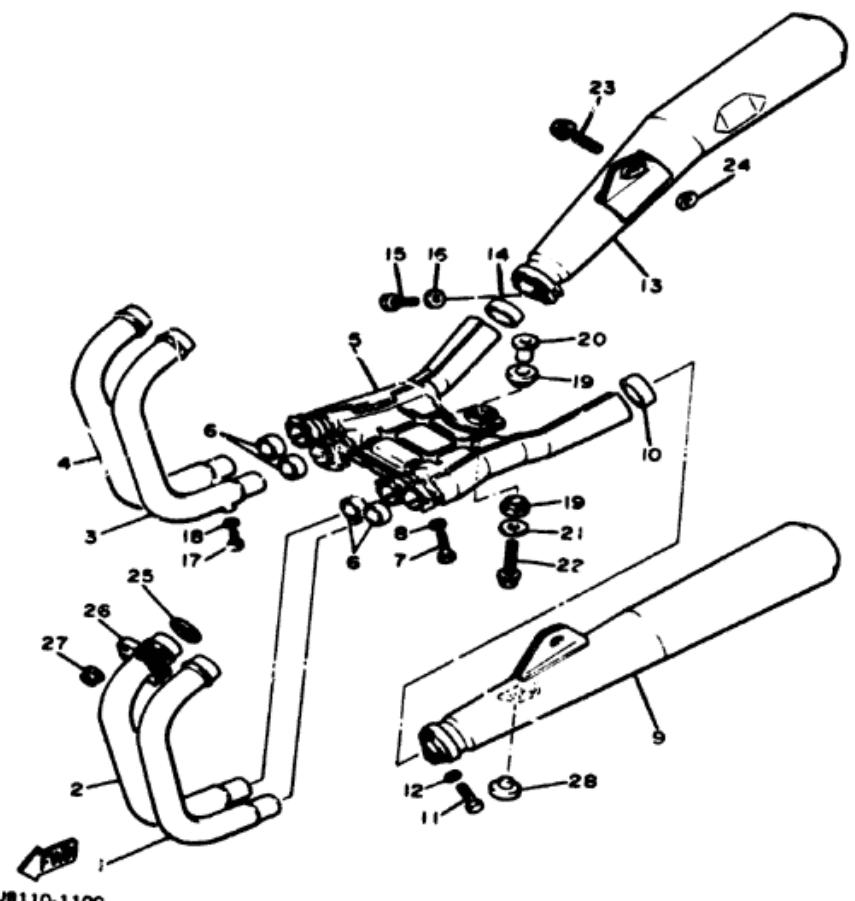


Ref. No.	Part Number	Description	Qty.	Remarks
41	2H0-14146-00-00	PLATE.....	4	
42	537-14186-00-00	PIN, float .....	4	
43	25G-14107-20-00	NEEDLE VALVE ASS'Y (3L1-14190-20) .....	4	
44	8F2-14147-00-00	O-RING.....	4	
45	1J7-14994-00-00	NET, filter.....	4	
46	2L1-14191-00-00	PLUG, drain .....	4	
47	214-14147-00-00	O-RING.....	4	
48	4G0-14958-00-00	COVER, diaphragm (1.4) .....	2	
49	98580-05010-00	SCREW, pan head (97801-05010) .....	16	
50	4U8-14958-00-00	COVER, diaphragm (2.3) .....	2	
51	4G0-14130-00-00	CABLE .....	1	
52	4G0-14171-00-00	PLUNGER, starter.....	4	
53	25G-14135-00-00	SPRING, plunger.....	4	
54	306-14173-00-00	COVER, plunger cap .....	4	
55	98503-04014-00	SCREW, pan head (98503-04015) .....	16	
56	92901-04100-00	WASHER, spring .....	16	
57	584-14176-00-00	CAP, plunger .....	4	
58	4G0-14139-00-00	CLIP, pipe.....	1	
59	98501-05010-00	SCREW, pan head (98503-05008) .....	1	
60	92903-05100-00	WASHER, spring (92902-05100) .....	1	

### CALIBRATION — Mfr. / Type / I.D. Number

Main Jet / Pilot Jet	Mikuni / BS28 / 4U8-00
Needle Jet / Jet Needle-Clip Position	112.5 / 35
Slide Cutaway or Throttle Valve	0.8 / 4GZ11 Fixed
Float Level / fuel Level	130
Idle rpm	2.0 ± 1mm (Measured From Body Edge) / 30.0mm
Max CO* / Max HC* / Set CO	1200
	7% / 500 ppm** / 4% (All Settings @ Idle)

## EXHAUST



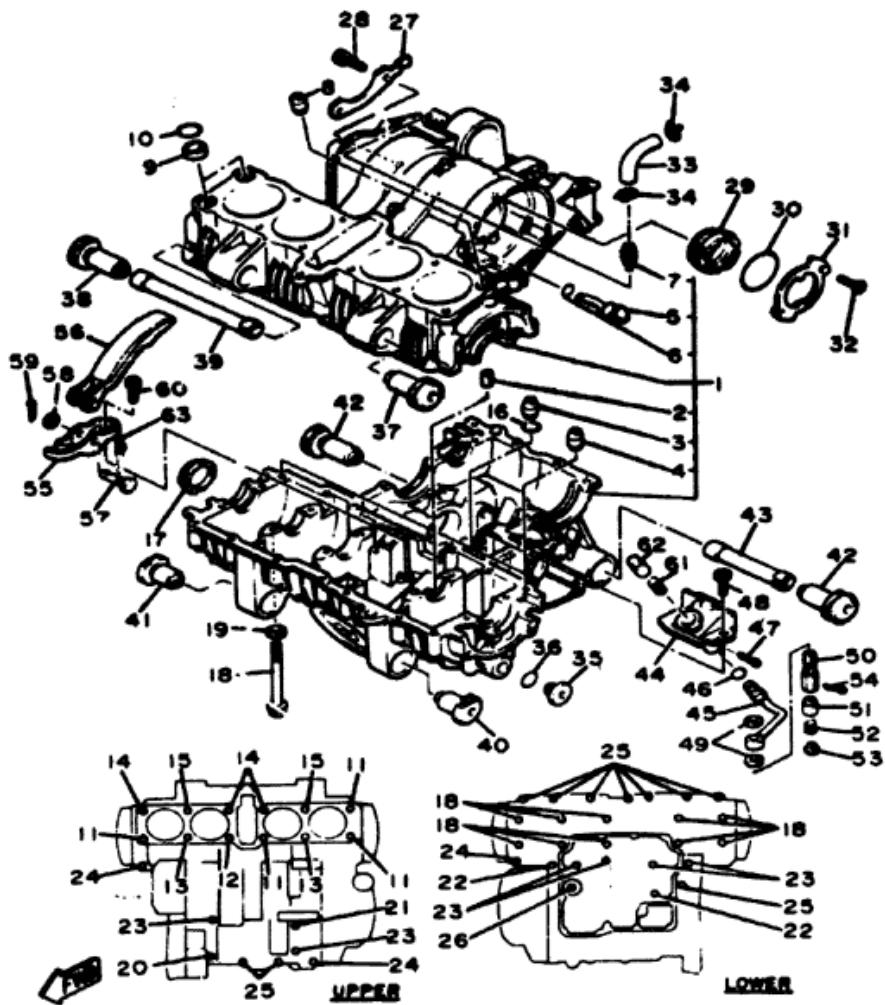
4U8110-1100

Max CO+	Max HC+	Set CO (Using YICs Tool)	7% : 500 ppm / 4% (All Settings @ Idle)
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"These replacement parts comply with all Florida laws and regulations requiring testing and certification of exhaust system replacement parts."

Ref. No.	Part Number	Description	Qty.	Remarks
1	4G0-14611-00-00	PIPE, exhaust 1 .....	1	
2	4G0-14621-00-00	PIPE, exhaust 2 .....	1	
3	4G0-14631-00-00	PIPE, exhaust 3 .....	1	
4	4G0-14641-00-00	PIPE, exhaust 4 .....	1	
5	4G0-14615-02-00	JOINT, exhaust 1 (4G0-14615-01) .....	1	
6	4H7-14714-00-00	GASKET, muffler .....	4	
7	97313-08020-00	BOLT .....	4	
8	92901-08600-00	WASHER, plate .....	4	
9	4U8-14711-00-00	MUFFLER 1 .....	1	
10	1L9-14714-01-00	GASKET, muffler .....	1	
11	97013-08025-00	BOLT (97311-08025) .....	1	
12	92901-08600-00	WASHER, plate .....	1	
13	4U8-14721-00-00	MUFFLER 2 .....	1	
14	1L9-14714-01-00	GASKET, muffler .....	1	
15	97013-08025-00	BOLT (97311-08025) .....	1	
16	92901-08600-00	WASHER, plate .....	1	
17	97013-06012-00	BOLT (97313-06012) .....	4	
18	92990-06600-00	WASHER, plate .....	4	
19	4K0-14747-00-00	DAMPER, muffler .....	2	
20	4G0-14638-00-00	COLLAR .....	1	
21	90201-10669-00	WASHER, plate .....	1	
22	95811-10040-00	BOLT, flange (95801-10040) .....	1	
23	95801-10035-00	BOLT, flange .....	2	
24	90179-10276-00	NUT .....	2	
25	4H7-14613-00-00	GASKET, exhaust pipe .....	4	
26	4H7-14612-00-00	NUT, ring .....	4	
27	90179-06499-00	NUT (90179-06306) .....	8	
28	371-27114-00-00	STOPPER, main stand .....	1	

# CRANKCASE

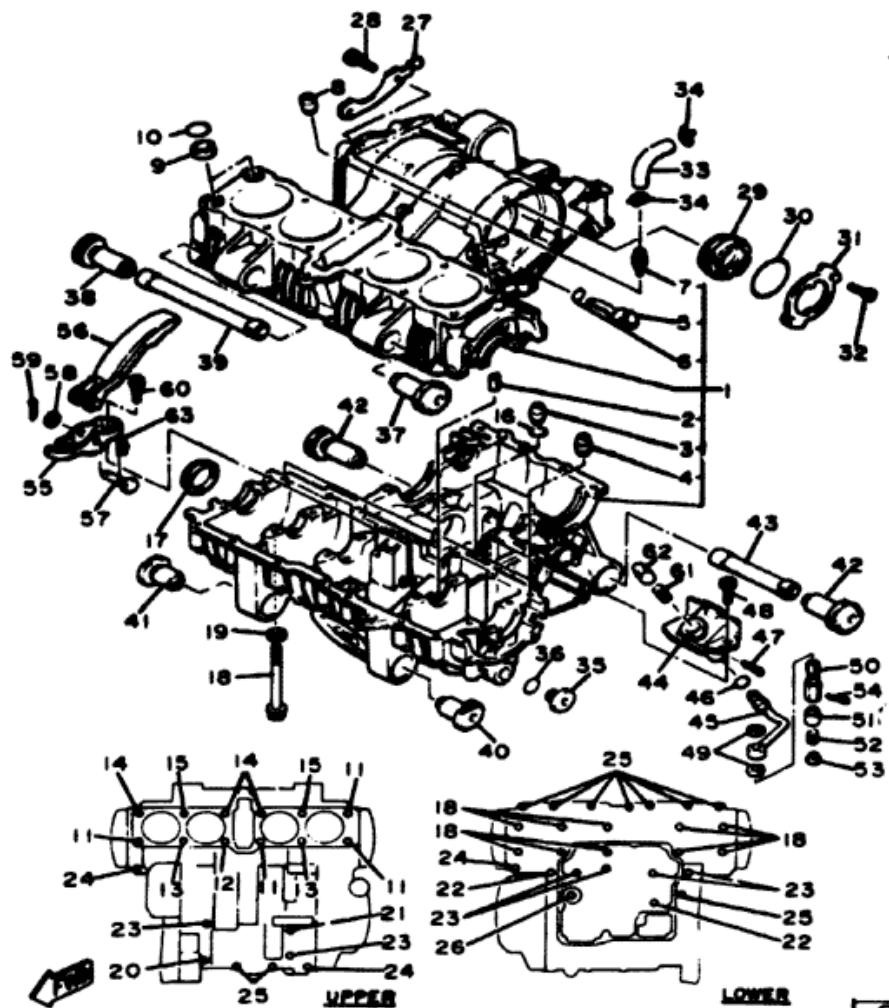


4UB110-2110

Ref. No.	Part Number	Description	Qty.	Remarks
1	4G0-15100-03-00	CRANKCASE ASS'Y (4G0-15100-01).....	1	
2	4G0-15138-00-00	. NOZZLE 1 .....	3	
3	99530-10014-00	. PIN, dowel (91830-21014) .....	1	
4	99530-12016-00	. PIN, dowel (91830-22016) .....	2	
5	4G0-15148-00-00	. NOZZLE 2 .....	1	
6	93210-11453-00	. O-RING .....	1	
7	371-11167-01-00	. COVER, breather 2.....	1	
8	99530-14016-00	PIN, dowel (91830-24016).....	1	
9	90387-18547-00	COLLAR .....	2	
10	93210-18322-00	O-RING.....	2	
11	90116-08338-00	BOLT, stud .....	4	
12	90116-08339-00	BOLT, stud .....	1	
13	90116-08340-00	BOLT, stud .....	2	
14	4G0-11363-00-00	BOLT, cylinder holding 3.....	3	
15	4G0-11364-00-00	BOLT, cylinder holding 4.....	2	
16	93210-09350-00	O-RING.....	1	
17	4H7-15167-10-00	PLUG (90338-48105) .....	1	
18	95811-08100-00	BOLT, flange.....	10	
19	90201-094G1-00	WASHER, plate (90201-08366)	8	
20	95811-08080-00	BOLT, flange.....	1	
21	95811-06115-00	BOLT, flange.....	1	

Drain Plug	14 x 1.50: 4.3 m-kg
Oiling System	Wet Sump
Capacity: Dry	2900cc
Oil and Filter Change	2500cc
Oil Change	2200cc
Lubricant: Temp. Above 5°C (40°F)	Yamalube 4° or SAE 20W40
Temp. Below 15°C (60°F)	SAE 10W30

## CRANKCASE

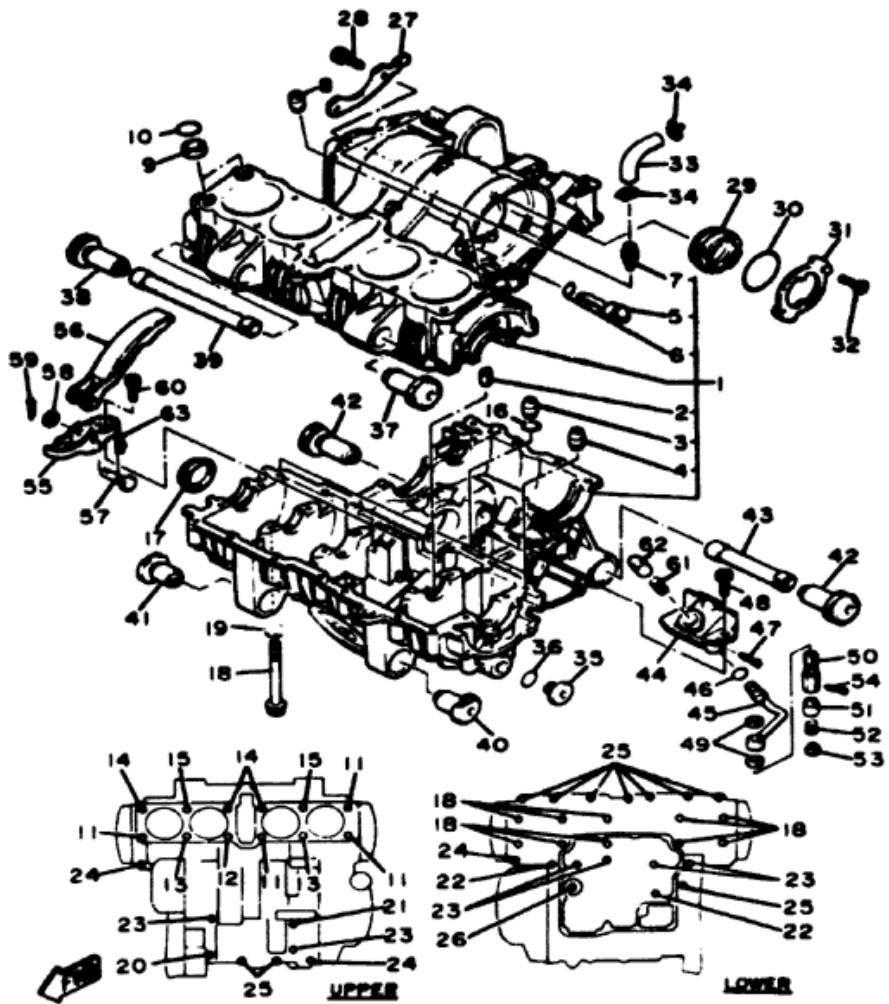


4UB110-2110

Ref. No.	Part Number	Description	Qty.	Remarks
22	95811-06095 J0	BOLT, flange.....	2	
23	95811-06065-00	BOLT, flange.....	6	
24	95811-06055-00	BOLT, flange.....	3	
25	95811-06045-00	BOLT, flange.....	10	
26	95811-06035-00	BOLT, flange.....	1	
27	4G0-15381-00-00	PLATE, bearing cover.....	1	
28	91316-06016-00	BOLT (91316-06015) .....	2	
29	4G0-15163-00-00	HOUSING, bearing 1 .....	1	
30	93210-48460-00	O-RING.....	1	
31	4G0-15383-00-00	PLATE, bearing cover.....	1	
32	90151-06014-00	SCREW, countersunk.....	2	
33	4G0-11166-00-00	PIPE, breather 1 .....	1	
34	90467-14015-00	CLIP.....	2	
35	4H7-15189-00-00	PLUG.....	2	
36	93210-21276-00	O-RING.....	2	
37	4G0-15336-00-00	DAMPER, engine mount 3.....	1	
38	4G0-15338-00-00	DAMPER, engine mount 5.....	1	
39	4G0-15317-00-00	SPACER, engine mount .....	1	
40	4G0-15316-00-00	DAMPER, engine mount 1.....	1	

Oiling System	Wet Sump
Capacity: Dry	2900cc
Oil and Filter Change	2500cc
Oil Change	2200cc
Lubricant: Temp. Above 5°C (40°F)	Yamalube 4° or SAE 20W40
Temp. Below 15°C (60°F)	SAE 10W30
Drain Plug	14 x 1.50: 4.3 m-kg

## CRANKCASE

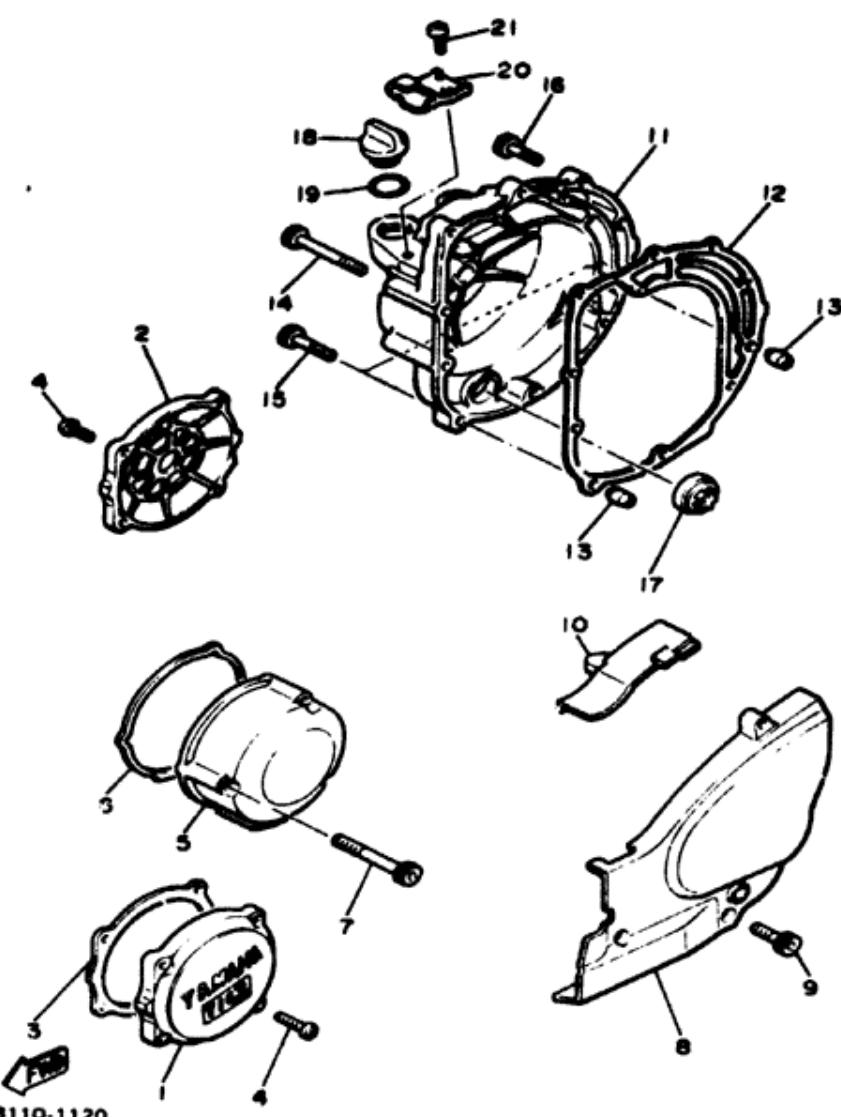


4U8110-2110

Ref. No.	Part Number	Description	Qty.	Remarks
41	4G0-15337-00-00	DAMPER, engine mount 2.....	1	
42	4G0-15326-00-00	DAMPER, engine mount 2.....	2	
43	4G0-15327-00-00	SPACER, engine mount .....	1	
44	4G0-11592-00-00	TENSIONER, chain .....	1	
45	4G0-13171-00-00	PIPE, delivery 2.....	1	
46	93210-07540-00	O-RING (93210-07435) .....	1	
47	91401-25020-00	PIN, cotter .....	1	
48	90110-06043-00	BOLT, hexagon socket head .....	2	
49	90430-10027-00	GASKET .....	2	
50	4G0-11576-00-00	BODY, relief .....	1	
51	4G0-11577-00-00	PLUNGER, relief .....	1	
52	90501-08614-00	SPRING, compression .....	1	
53	90209-03202-00	WASHER .....	1	
54	91401-20020-00	PIN, cotter .....	1	
55	4G0-11497-00-00	BRACKET, tensioner .....	1	
56	4G0-11489-00-00	ARM tensioner .....	1	
57	90240-08078-00	PIN, clevis .....	1	
58	92901-05600-00	WASHER, plate .....	1	
59	91401-25015-00	PIN, cotter .....	1	
60	90110-06043-00	BOLT, hexagon socket head .....	2	
61	90501-12604-00	SPRING, compression .....	1	
62	4G0-11597-00-00	PLUNGER, tensioner .....	1	
63	90468-18110-00	CLIP .....	1	

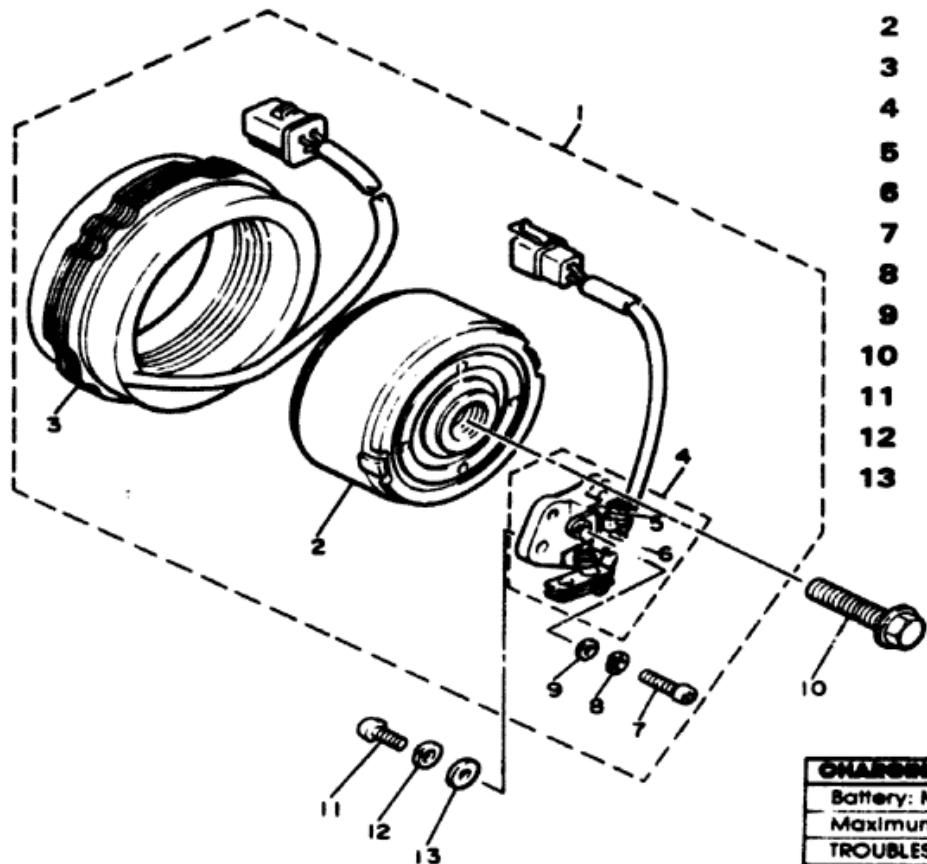
Oiling System	Wet Sump
Capacity: Dry	2900cc
Oil and Filter Change	2500cc
Oil Change	2200cc
Lubricant: Temp. Above 5°C (40°F)	Yamalube 4° or SAE 20W40
Temp. Below 15°C (60°F)	SAE 10W30
Drain Plug	14 x 1.50: 4.3 m·kg

## CRANKCASE COVER



Ref. No.	Part Number	Description	Qty.
1	4U8-15416-01-00	COVER, oil pump (4U8-15410-00)	1
2	4U8-15426-01-00	COVER, oil pump 2 (4U8-15420-00)	1
3	4H7-15456-00-00	GASKET, oil pump cover 1 .....	1
4	98980-06020-00	SCREW, blind (98901-06020) ...	8
5	4G0-15415-01-00	COVER, generator (4G0-15415-00)	1
6	24J-15455-00-00	GASKET 1 (4G0-15455-00) .....	1
7	91311-06070-00	BOLT .....	3
8	4G0-15411-00-00	COVER, crankcase 1 .....	1
9	91311-06025-00	BOLT .....	3
10	4G0-15425-00-00	COVER, generator 2 .....	1
11	4G0-15421-02-00	COVER, crankcase 2 (4G0-15421-01) .....	1
12	4G0-15481-01-00	GASKET, crankcase cover 2 .....	1
13	99530-10014-0C	PIN, dowel (91830-21014) .....	2
14	91311-06070-00	BOLT .....	2
15	91311-06040-00	BOLT .....	2
16	91311-06030-00	BOLT .....	6
17	3Y1-15361-00-00	GAUGE, level .....	1
18	2H7-15363-00-00	PLUG, oil .....	1
19	93210-27370-00	O-RING .....	1
20	4G0-15441-00-00	HOLDER, clutch cable .....	1
21	92580-06012-00	SCREW, pan head (92503-06012)	1

# GENERATOR

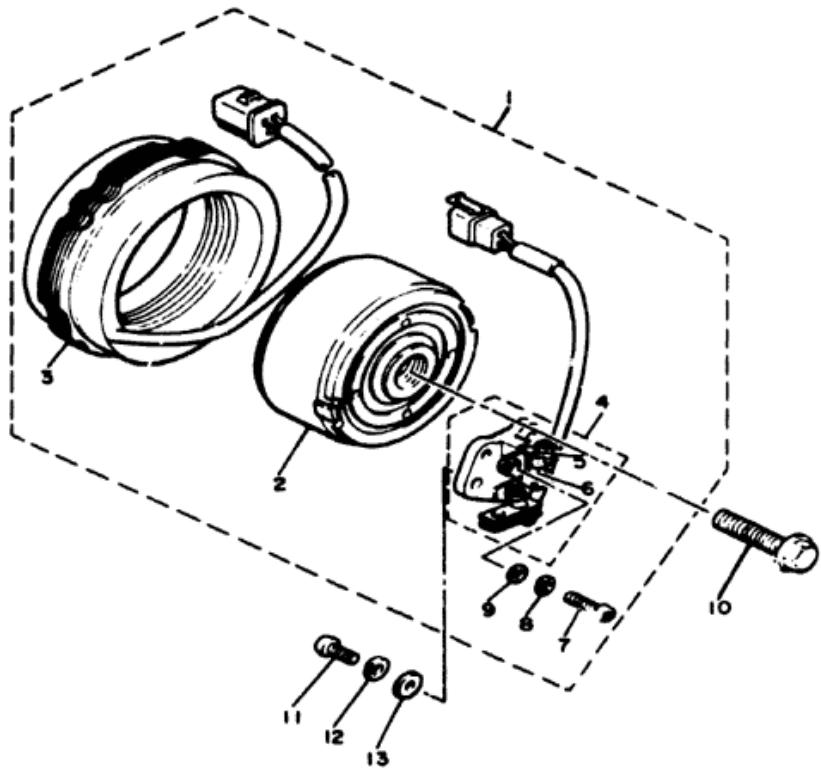


Ref. No.	Part Number	Description	Qty.	Remarks
1	4G0-81600-10-00	A.C. GENERATOR ASS'Y.....	1	
2	4G0-81650-10-00	. ROTOR ASS'Y .....	1	
3	4G0-81610-10-00	. STATOR ASS'Y.....	1	
4	4G0-81619-10-00	. BRUSH HOLDER ASS'Y.....	1	
5	46X-81611-10-00	. . BRUSH 1 (4G0-81611-10)...	1	
6	4G0-81612-10-00	. . BRUSH 2 .....	1	
7	98511-04012-00	. SCREW, pan head (98501-04012)	2	
8	92901-04100-00	. WASHER, spring (92903-04100)	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	

CHARGING SYSTEM		AC Generator / 3-Phase / Full Wave
Battery:	Model / Specific Gravity / Charge Rate	GS 12N12A-4A / 1.28 / 1.2A
Maximum Output		14V 17A @ 5000 rpm
TROUBLESHOOTING		
Field Coil Color Code / Ω		Rotor: Grn ~ Brn / 4.5Ω ± 10% Stator: Wht ~ Whl / 0.5Ω ± 10%



## GENERATOR



Ref. No.	Part Number	Description	Qty.	Remarks
1	4G0-81600-10-00	A.C. GENERATOR ASS'Y .....	1	
2	1UJ-81650-10-00	. ROTOR ASS'Y (4G0-81640-10) .....	1	
3	4G0-81610-10-00	. STATOR ASS'Y.....	1	
4	4G0-81619-10-00	. BRUSH HOLDER ASS'Y.....	1	
5	48X-81611-10-00	. . BRUSH 1 (4G0-81611-10)...	1	
6	4G0-81612-10-00	. . BRUSH 2 .....	1	
7	98511-04012-00	. SCREW, panhead (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, panhead (92503-06016) .....	2	
12	92990-06100-00	WASHER, spring (92902-06100) 2	2	
13	92901-06600-00	WASHER (92902-06600) .....	2	

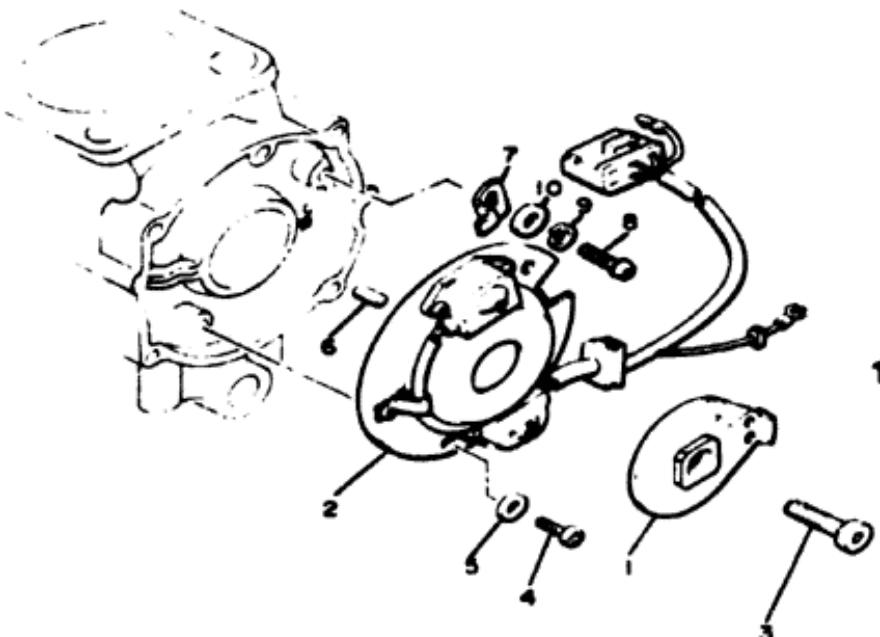
ITEM	DESCRIPTION
Battery / Model / Specific Gravity / Charge Rate	12H12A-4A (12V/12AH) / 1.26 / 1.2A
Maximum Output	14V17A @ 5000 rpm
Field Coil Color Code / G	Gm ~ Brn / 4.80 ± 10%
Stator Coil Color Code / G	WRW ~ WRW / 0.80 ± 10%



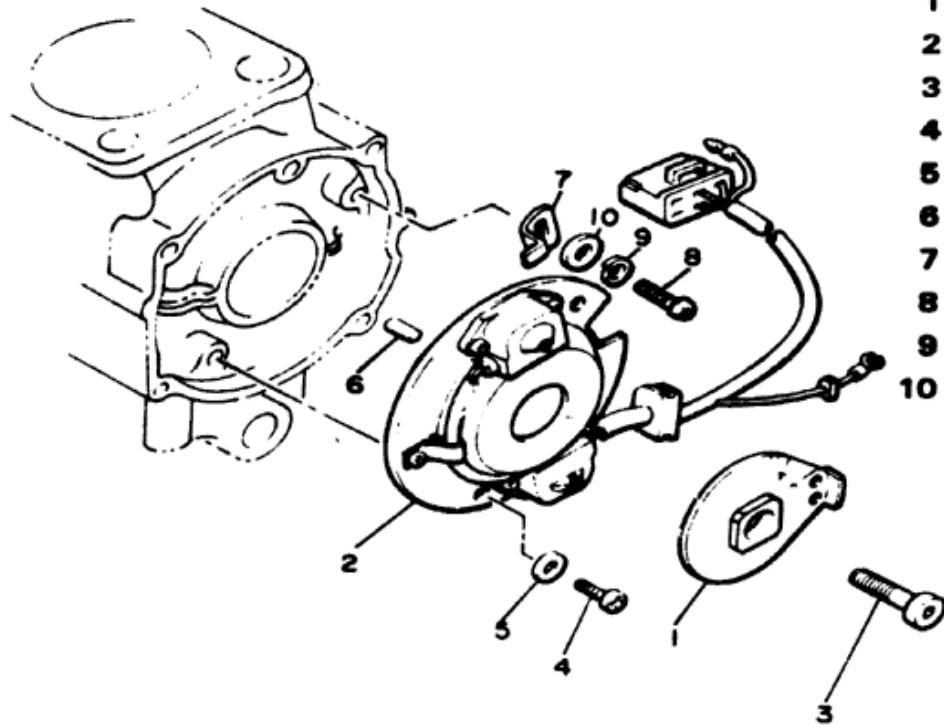
4G0010-0130

## PICKUP COIL - GOVERNOR

Ref. No.	Part Number	Description	Qty.
1	4U8-81673-10-00	ROTOR .....	1
2	4U8-81671-10-00	BASE, pickup.....	1
3	91316-08030-00	BOLT .....	1
4	92503-06012-00	SCREW, pan head (92501-06012)	2
5	92903-06200-00	WASHER, plain (92901-06200)	2
6	93604-08071-00	PIN, dowel .....	1
7	4H7-81632-00-00	PLATE, timing .....	1
8	92503-06012-00	SCREW, pan head (92501-06012)	1
9	92903-06100-00	WASHER, spring (92901-06100)	1
10	92901-06600-00	WASHER, plate .....	1



## PICKUP COIL • GOVERNOR

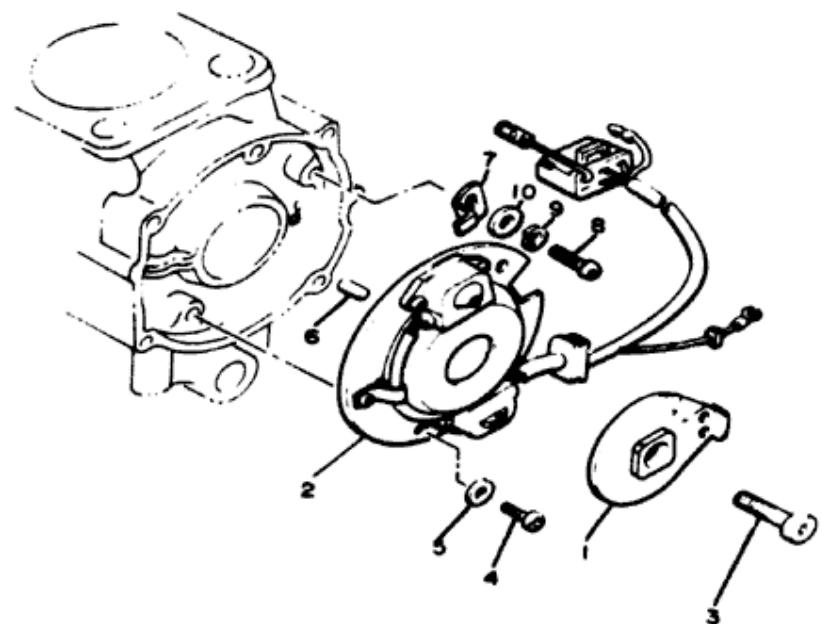


Ref. No.	Part Number	Description	Qty.
1	4U8-81673-10-00	ROTOR .....	1
2	4U8-81671-10-00	BASE, pick-up .....	1
3	91316-08030-00	BOLT .....	1
4	92580-06012-00	SCREW, pan head (92503-06012)	2
5	92990-06200-00	WASHER, plain (92903-06200)	2
6	93604-08071-00	PIN, dowel .....	1
7	4H7-81632-00-00	PLATE, timing .....	1
8	92580-06012-00	SCREW, pan head (92503-06012)	1
9	92990-06100-00	WASHER, spring (92903-06100)	1
10	92901-06600-00	WASHER, plate .....	1

  
 4U8110-1140

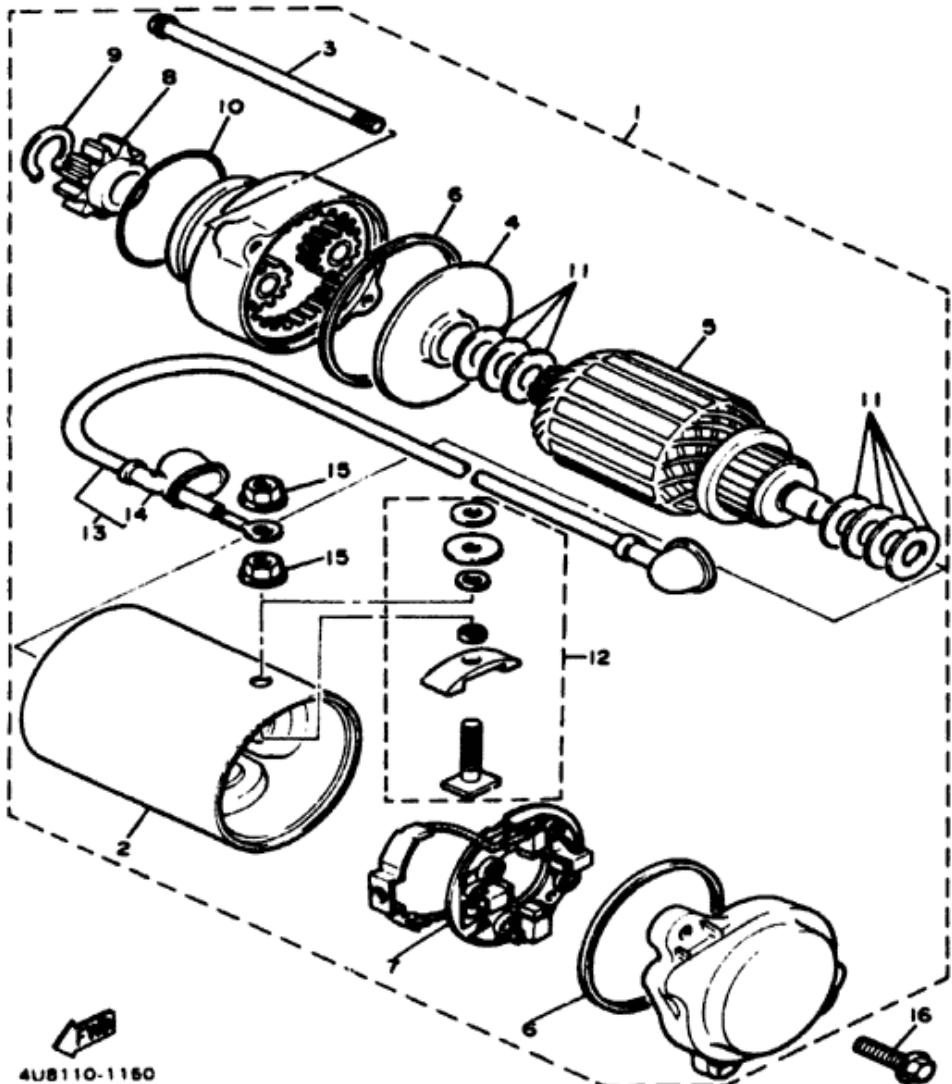
## PICKUP COIL - GOVERNOR

Ref. No.	Part Number	Description	Qty.	Remarks
1	4U8-81673-10-00	ROTOR .....	1	
2	4U8-81671-10-00	BASE, pickup .....	1	
3	91316-08030-00	BOLT .....	1	
4	92580-06012-00	SCREW, panhead (92501-06012)	2	
5	92901-06600-00	WASHER (92902-06600) .....	2	
6	93604-08071-00	PIN, dowel .....	1	
7	4H7-81632-00-00	PLATE, timing .....	1	
8	92580-06012-00	SCREW, panhead (92501-06012) .....	1	
9	92990-06100-00	WASHER, spring (92901-06100) .	1	
10	92901-06600-00	WASHER, plate .....	1	



4U8110-1141

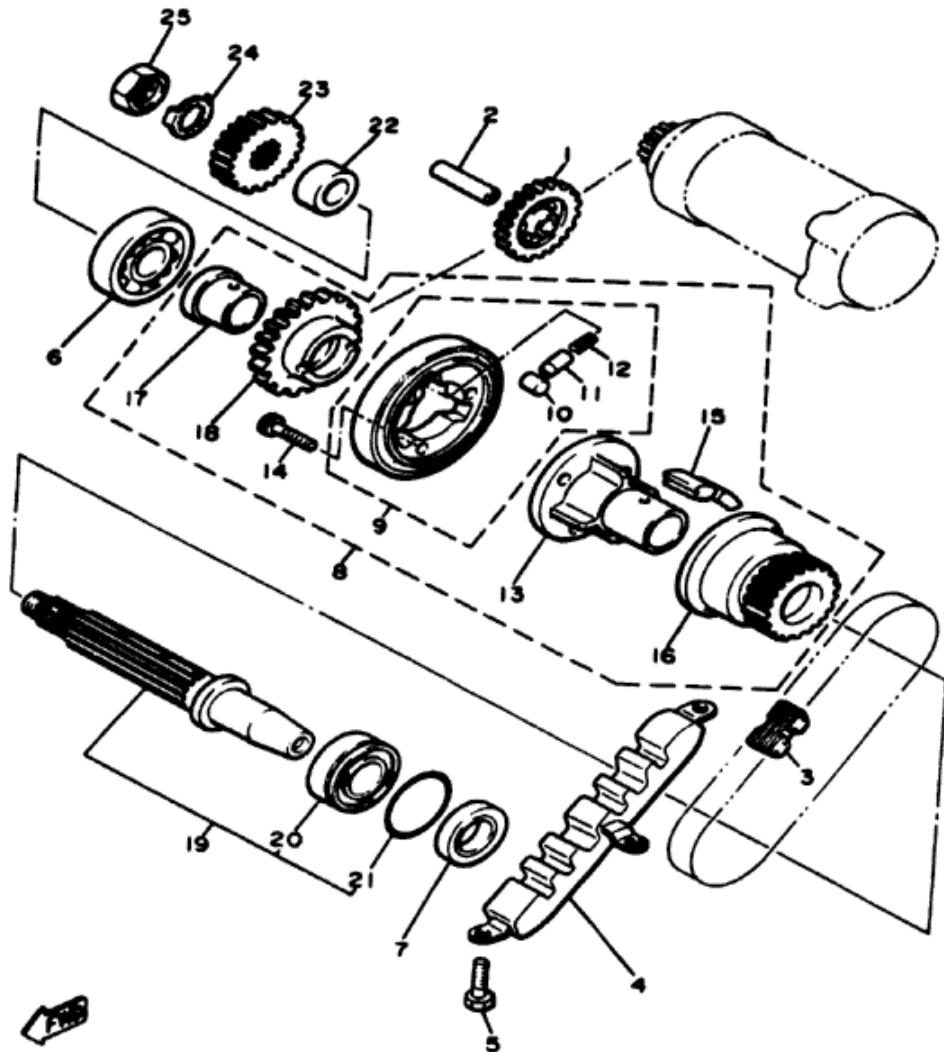
## STARTING MOTOR



Ref. No.	Part Number	Description	Qty.
1	4G0-81800-60-00	STARTING MOTOR ASS'Y .....	1
2	4G0-81810-00-00	. STATOR ASS'Y.....	1
3	4G0-81826-00-00	. BOLT .....	2
4	4G0-81845-20-00	. PLATE .....	1
5	4G0-81850-00-00	. ARMATURE ASS'Y .....	1
6	4G0-81844-00-00	. GASKET.....	2
7	4G0-81840-00-00	. BRUSH HOLDER ASS'Y.....	1
8	4G0-15511-00-00	. GEAR, starting motor .....	1
9	99009-12400-00	. CIRCLIP (93410-12003) .....	1
10	4G0-81847-00-00	. O-RING .....	1
11	4G0-81809-00-00	. WASHER KIT .....	1
12	4G0-81828-00-00	. BOLT 2.....	1
13	4G0-81815-00-00	. WIRE, starter .....	1
14	4G0-81871-00-00	. CAP.....	2
15	4G0-81872-00-00	. NUT, special.....	2
16	95811-06025-00	BOLT, flange (95821-06025) .....	2

4UB110-1150

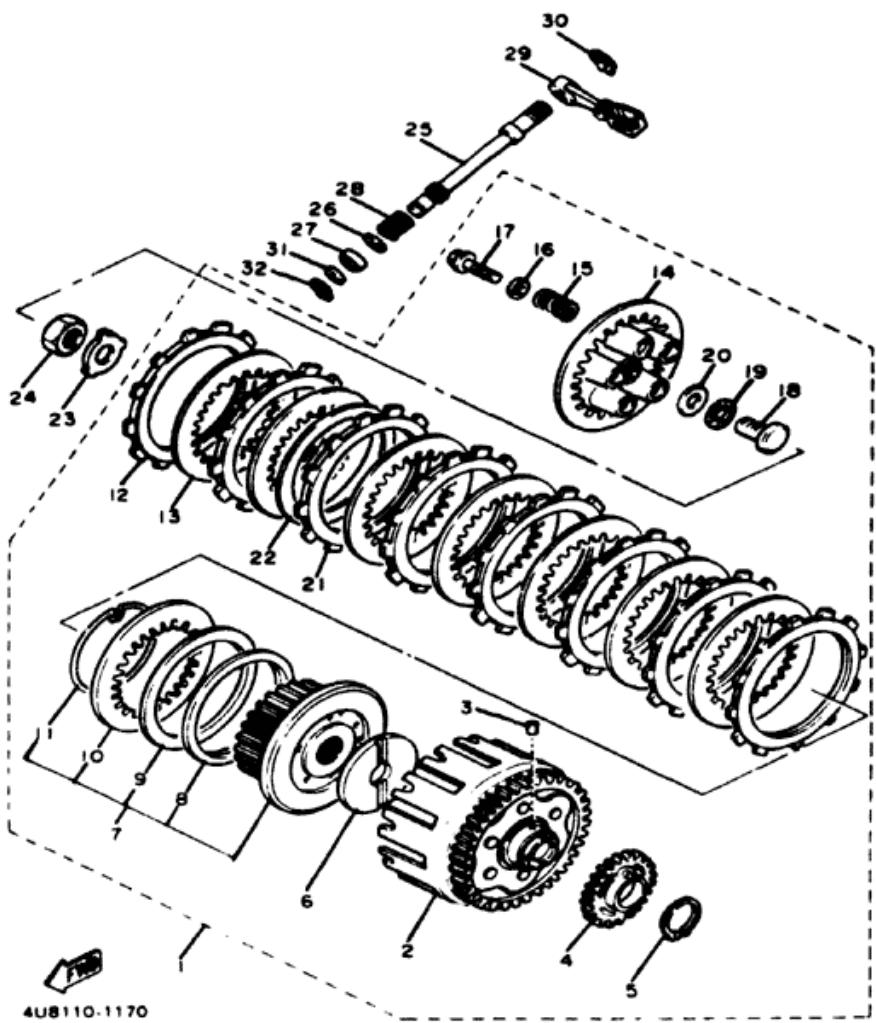
## STARTER CLUTCH



5F8332-1160

Ref. No.	Part Number	Description	Qty.
1	4G0-15512-00-00	GEAR, idler 1 (30T).....	1
2	4H7-15521-00-00	SHAFT 1.....	1
3	4G0-16139-00-00	CHAIN, primary.....	1
4	4G0-11474-00-00	GUIDE, upper.....	1
5	97301-06014-00	BOLT.....	3
6	93306-30525-00	BEARING (B6305).....	1
7	93102-25253-00	OIL SEAL .....	1
8	4G0-16306-01-00	CLUTCH DAMPER ASS'Y.....	1
9	4G0-15580-00-00	STARTER CLUTCH OUTER ASS'Y.....	1
10	93615-12088-00	.. PIN, dowel.....	3
11	1J7-15583-01-00	.. CAP, starter clutch spring...	3
12	90501-04623-00	.. SPRING, compression .....	3
13	4G0-15524-01-00	WHEEL, starter.....	1
14	91316-08014-00	BOLT .....	3
15	4G0-16155-03-00	ABSORBER 1 .....	4
16	4G0-11537-00-00	GEAR, driven (22T) .....	1
17	90387-256A1-00	COLLAR .....	1
18	4G0-15517-00-00	GEAR, idler 2 .....	1
19	4G0-11406-00-00	SHAFT ASS'Y .....	1
20	93306-20545-00	BEARING.....	1
21	93210-47440-00	O-RING .....	1
22	90387-216A9-00	COLLAR .....	1
23	4U8-16111-00-00	GEAR, Primary drive (28T).....	1
24	90215-19180-00	WASHER, lock.....	1
25	90179-16319-00	NUT.....	1

## CLUTCH

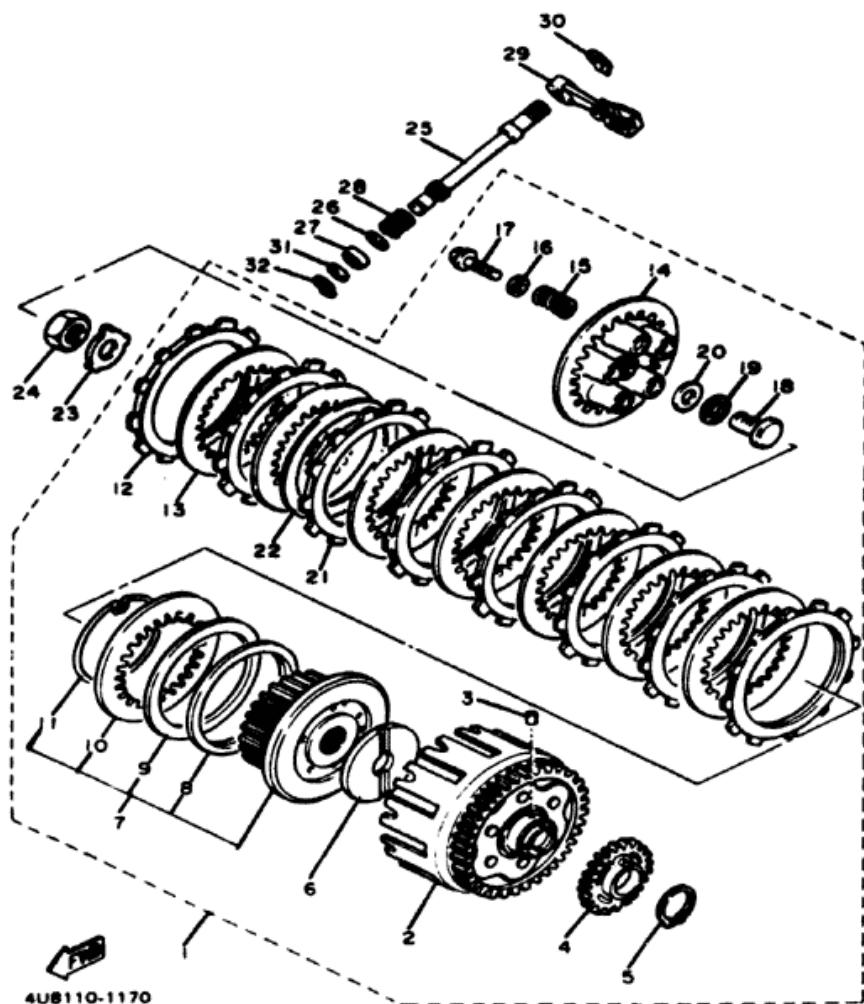


4UB110-1170

Ref. No.	Part Number	Description	Qty.	Remarks
1	4U8-16300-01-00	CLUTCH ASS'Y.....	1	
2	4U8-16170-01-00	. PRIMARY DRIVEN GEAR COMP. (65T).....	1	
3	93605-10108-00	. PIN, dowel .....	1	
4	4G0-13324-01-00	. GEAR, drive (51T) .....	1	
5	93410-40059-00	. CIRCLIP.....	1	
6	3Y1-16154-00-00	. PLATE, thrust 1 .....	1	
7	4H7-16370-00-00	. CLUTCH BOSS ASS'Y.....	1	
8	1J7-16384-00-00	. PLATE, seat.....	1	
9	1J7-16383-01-00	. SPRING, clutch boss .....	1	
10	168-16324-00-00	. PLATE, clutch 1.....	1	
11	1J7-16385-00-00	. RING, clutch boss .....	1	
12	4H7-16321-00-00	. PLATE, friction (383-16321-00)	7	
13	371-16325-00-00	. PLATE, clutch 2 .....	7	
14	4H7-16351-00-00	. PLATE, pressure 1 .....	1	
15	90501-23391-00	. SPRING, compression.....	5	
16	90201-061A5-00	. WASHER, plate .....	5	
17	95811-06025-00	. BOLT, flange (95821-06025)...	5	

Clutch Nut	20 x 1.0: 7.0 m+kg
Clutch Friction Plate Thickness Std ~ Min	3.0 ~ 2.7mm
Clutch Spring Length Std ~ Min	41.2 ~ 40.2mm

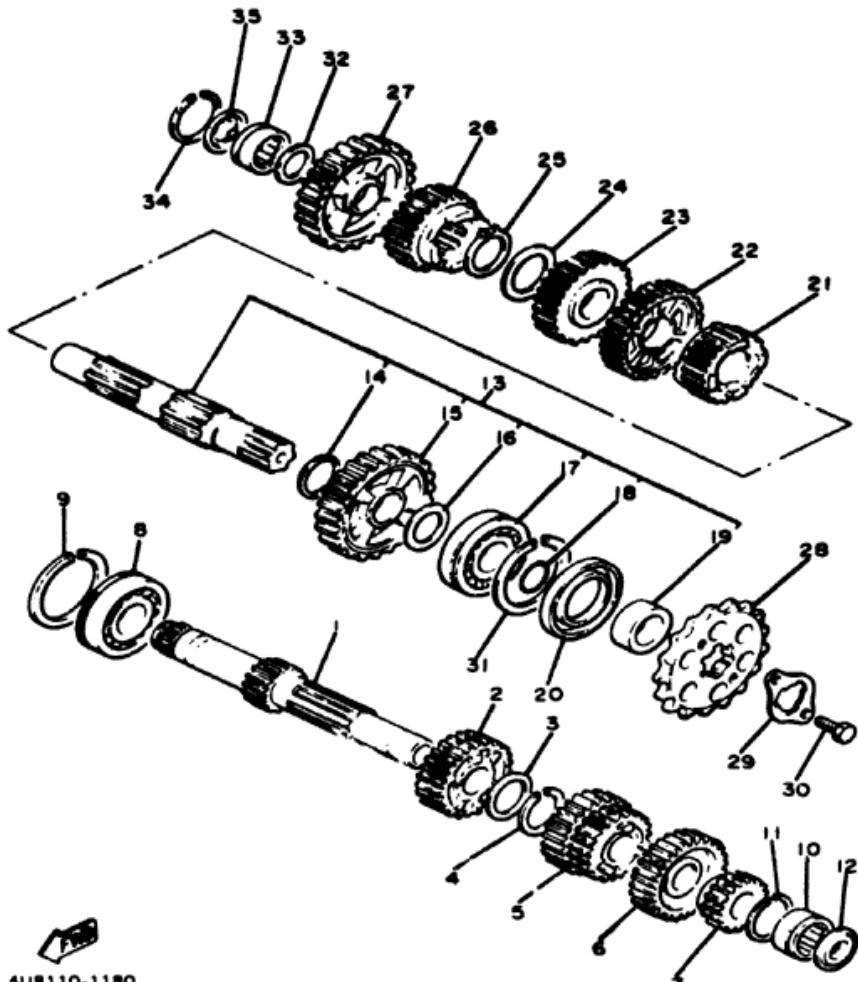
## CLUTCH



Ref. No.	Part Number	Description	Qty.	Remarks
18	4H7-16356-00-00	ROD, push 1 .....	1	
19	93340-21505-00	BEARING.....	1	
20	90201-154E9-00	WASHER, plate (90201-151A7)	1	
21	5Y1-16331-01-00	PLATE, friction (4L0-16321-00)	1	
22	5Y1-16383-00-00	SPRING, clutch boss (4G0-16383-00)	1	
23	90215-20231-00	WASHER, lock.....	1	
24	90170-20327-00	NUT (90170-20257) .....	1	
25	4G0-16382-0000	AXLE, push lever .....	1	
26	90201-12M34-00	WASHER 1 (90201-12163) .....	1	
27	93102-12224-00	OIL SEAL .....	1	
28	90508-16459-00	SPRING, torsion .....	1	
29	4G0-16340-01-00	PUSH LEVER ASS'Y.....	1	
30	99001-09600-00	CIRCLIP (93430-09035).....	1	
31	90201-09572-00	WASHER, plate .....	1	
32	99001-08600-00	CIRCLIP (93430-08006).....	1	

Clutch Nut	20 x 1.0: 7.0 m-kg
Clutch Friction Plate Thickness Std ~ Min	3.0 ~ 2.7mm
Clutch Spring Length Std ~ Min	41.2 ~ 40.2mm

# TRANSMISSION

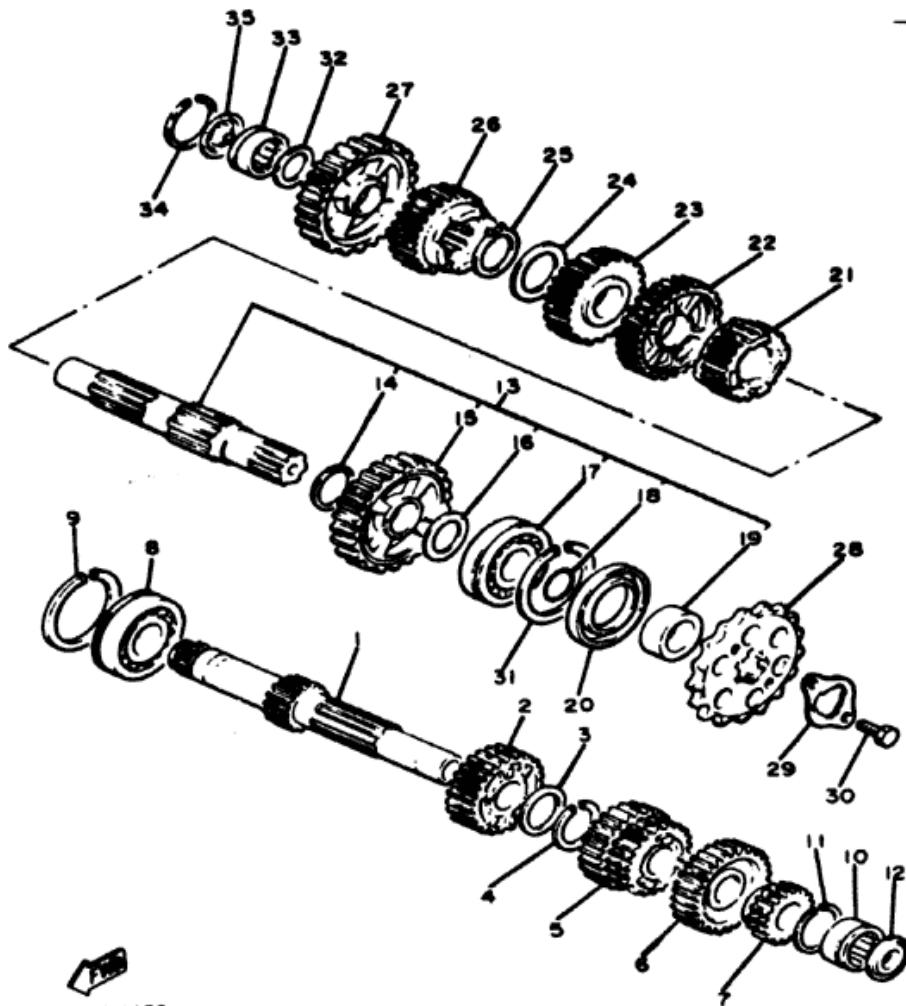


4U8110-1180

Ref. No.	Part Number	Description	Qty.	Remarks
1	4G0-17411-00-00	AXLE, main (15T).....	1	
2	4U8-17151-01-00	GEAR, 5th pinion (28T) (4U8-17151-00).....	1	
3	90209-22191-00	WASHER .....	1	
4	93440-25084-00	CIRCLIP (93440-25019).....	1	
5	4U8-17131-00-00	GEAR, 3rd/4th pinion (22/25T)	1	
6	4U8-17161-00-00	GEAR, 6th pinion (30T).....	1	
7	4U8-17121-00-00	GEAR, 2nd pinion (19T) .....	1	
8	93306-30530-00	BEARING .....	1	
9	278-17424-01-00	CIRCLIP 1 (278-17424-00) .....	1	
10	93311-42045-00	BEARING, cylindrical .....	1	
11	278-17425-00-00	CIRCLIP 2 .....	1	
12	4G0-17433-01-00	NOZZLE .....	1	
13	4G0-17402-01-00	DRIVE AXLE ASS'Y.....	1	
14	90201-273A9-00	. WASHER, plate .....	1	
15	4G0-17221-00-00	. GEAR, 2nd wheel (37T).....	1	
16	4A0-17216-00-10	. WASHER, plate (90201-25290)	1	
17	93306-30529-00	. BEARING.....	1	
18	93210-22298-00	. O-RING .....	1	
19	90387-257A3-00	. COLLAR.....	1	
20	93102-35109-00	OIL SEAL .....	1	

Primary Drive Type / Teeth / Ratio	Spur Gear x HYVO Chain / 22-21 x 65-28 / 2.432
Secondary Drive Type / Teeth / Chain	Chain / 45-16 / 50HDSS-104L
Oiling System	Wet Sump
Capacity: Dry	2900cc
Oil and Filter Change	2500cc
Oil Change	2200cc
Lubricant: Temp. Above 5°C (40°F)	Yamalube 4° or SAE 20W40
Temp. Below 15°C (60°F)	SAE 10W30

# TRANSMISSION



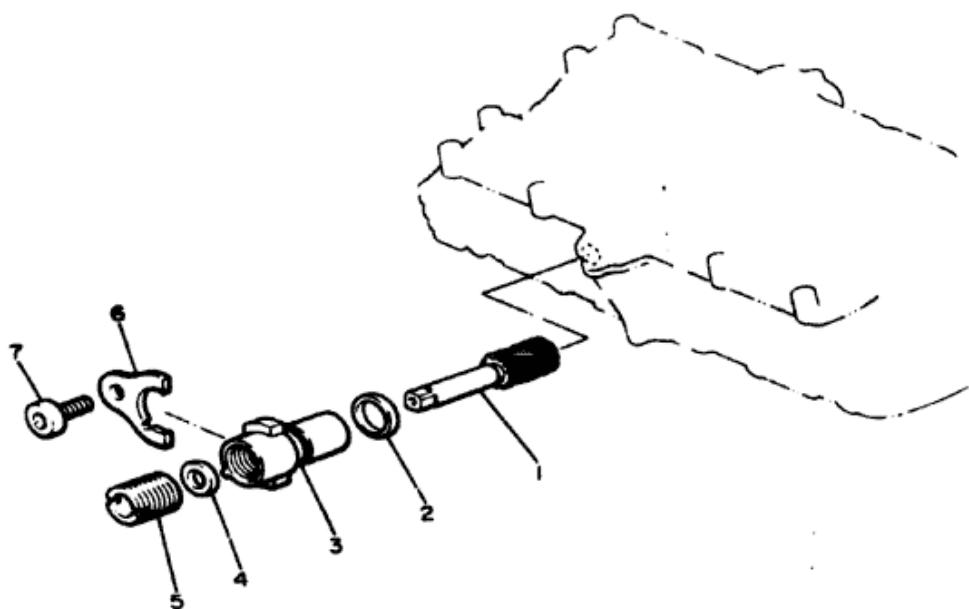
Ref. No.	Part Number	Description	Qty.	Remark
21	4G0-17261-01-00	GEAR, 6th wheel (27T) (4G0-17261-00).....	1	
22	4G0-17231-00-00	GEAR, 3rd wheel (34T).....	1	
23	4G0-17241-00-00	GEAR, 4th wheel (31T).....	1	
24	90209-22191-00	WASHER .....	1	
25	93440-25084-00	CIRCLIP (93440-25019).....	1	
26	4G0-17251-00-00	GEAR, 5th wheel (29T).....	1	
27	4G0-17211-00-00	GEAR, 1st wheel (41T).....	1	
28	93854-16109-00	SPROCKET, drive (16T) (4G0-17461-61).....	1	
29	3Y1-17456-00-00	HOLDER, sprocket .....	1	
30	97322-06012-00	BOLT .....	2	
31	278-17424-01-00	CIRCLIP 1 (278-17424-00) .....	1	
32	90201-20276-00	WASHER, plate .....	1	
33	93311-42045-00	BEARING, cylindrical .....	1	
34	278-17425-00-00	CIRCLIP 2 .....	1	
35	4G0-17433-01-00	NOZZLE .....	1	

Primary Drive Type / Teeth / Ratio	Spur Gear x HYVO Chain / 22-21 x 65-28 / 2.432
Secondary Drive Type / Teeth / Chain	Chain / 45-16 / 50HDSS-104L
Oiling System	Wet Sump
Capacity: Dry	2900cc
Oil and Filter Change	2500cc
Oil Change	2200cc
Lubricant: Temp. Above 5°C (40°F)	Yamalube 4° or SAE 20W40
Temp. Below 15°C (60°F)	SAE 10W30

4U8110-1180

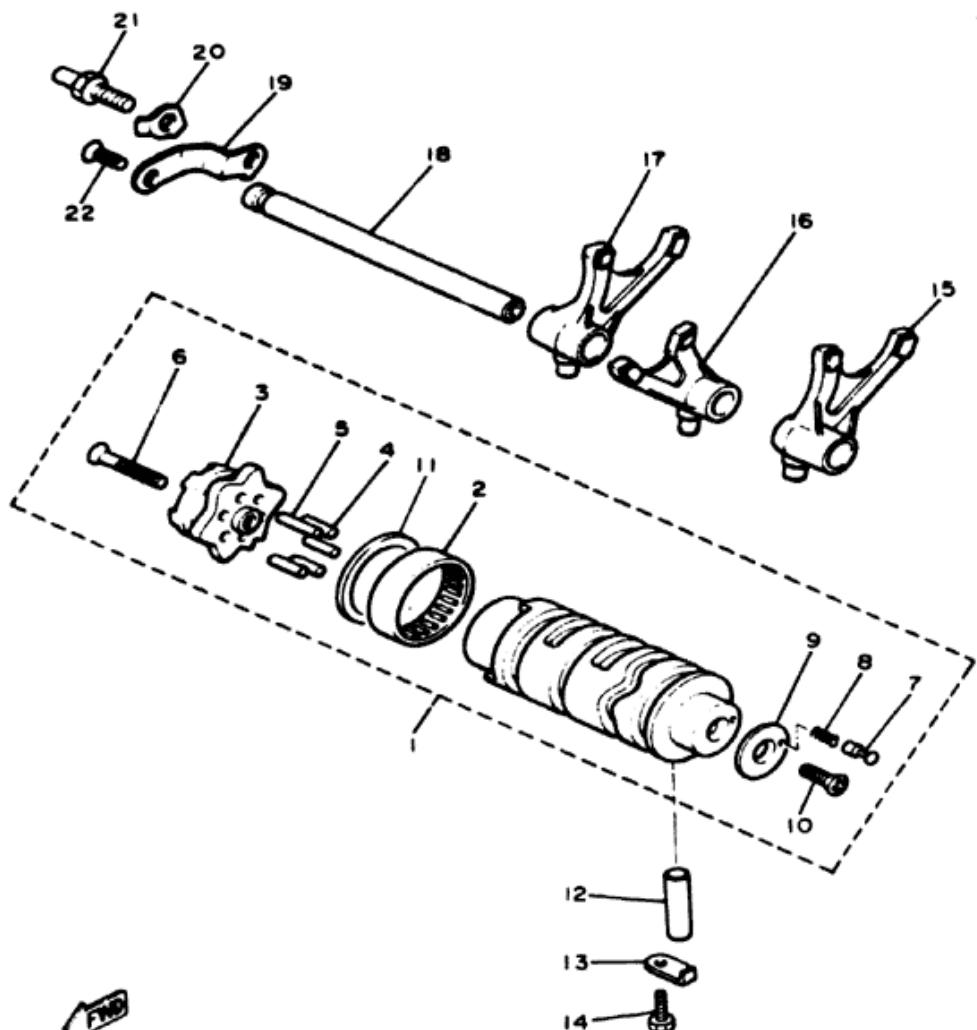
## TACHOMETER GEAR

Ref. No.	Part Number	Description	Qty.
1	4H7-17841-00-00	GEAR, driven .....	1
2	93210-11437-00	O-RING .....	1
3	4H7-17811-01-00	HOUSING, tachometer gear .....	1
4	93104-07036-00	OIL SEAL .....	1
5	256-17848-00-00	ADAPTER .....	1
6	4H7-17812-00-00	STOPPER .....	1
7	91311-06012-00	BOLT .....	1



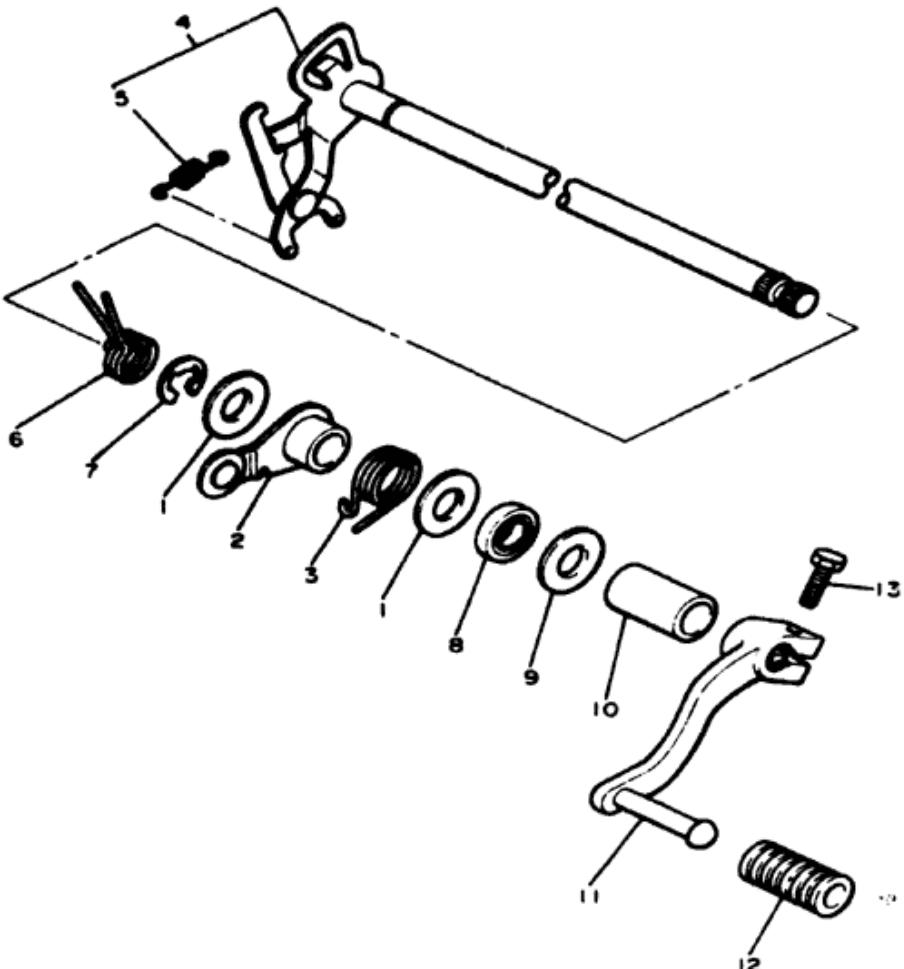
4H7110-0200

## SHIFT CAM • FORK



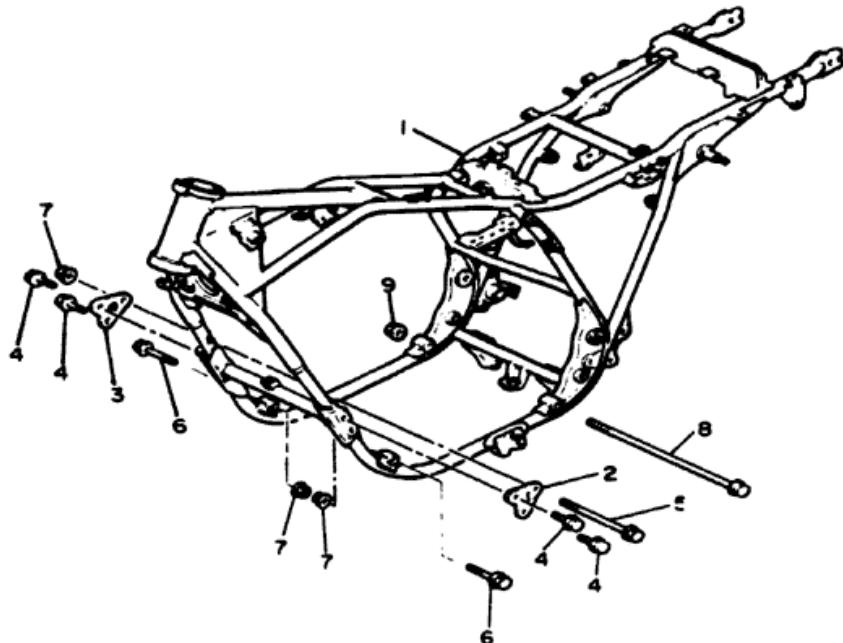
Ref. No.	Part Number	Description	Qty.
1	4G0-18540-01-00	SHIFT CAM ASS'Y.....	1
2	93306-90501-00	. BEARING.....	1
3	4G0-18185-01-00	. SEGMENT.....	1
4	93604-16092-00	. PIN, dowel .....	5
5	93604-10011-00	. PIN, dowel .....	1
6	98701-05035-00	. SCREW, flat head .....	1
7	278-18542-00-00	. POINT, neutral .....	1
8	90501-06022-00	. SPRING, compression.....	1
9	278-18566-00-00	. PLATE, side 2.....	1
10	98701-05016-00	. SCREW, flat head .....	1
11	117-15644-00-00	. SHIM .....	1
12	93608-36165-00	PIN, dowel .....	1
13	2H7-15531-00-00	PLATE, stopper .....	1
14	97313-06016-00	BOLT (97301-06016) .....	1
15	4G0-18511-00-00	FORK, shift 1 .....	1
16	4G0-18512-00-00	FORK, shift 2 .....	1
17	4G0-18513-00-00	FORK, shift 3 .....	1
18	4G0-18531-00-00	BAR, shift fork guide 1.....	1
19	4G0-18536-00-00	STOPPER, shift bar.....	1
20	90215-18178-00	WASHER, lock.....	1
21	4G0-18127-00-00	STOPPER, screw.....	1
22	92701-06015-00	SCREW, flat head .....	1

## SHIFT SHAFT • PEDAL



Ref. No.	Part Number	Description	Qty.
1	90201-12588-00	WASHER, plate .....	2
2	4G0-18140-00-00	STOPPER LEVER ASS'Y .....	1
3	90508-29533-00	SPRING, torsion .....	1
4	4G0-18120-00-00	SHIFT LEVER ASS'Y.....	1
5	90506-08227-00	. SPRING, tension .....	1
6	99999-01178-00	SPRING, torsion .....	1
	90508-32534-00	. SPRING TORSION.....	1
	90387-124F4-00	. COLLAR.....	1
7	99001-10600-00	CIRCLIP (93430-10016).....	1
8	93102-12106-00	OIL SEAL .....	1
9	90201-12575-00	WASHER, plate .....	1
10	90387-125A8-00	COLLAR .....	1
11	4U8-18111-00-00	PEDAL, shift.....	1
12	132-18113-01-00	COVER, shift pedal .....	1
13	97011-06020-00	BOLT (97011-06020) .....	1

## FRAME



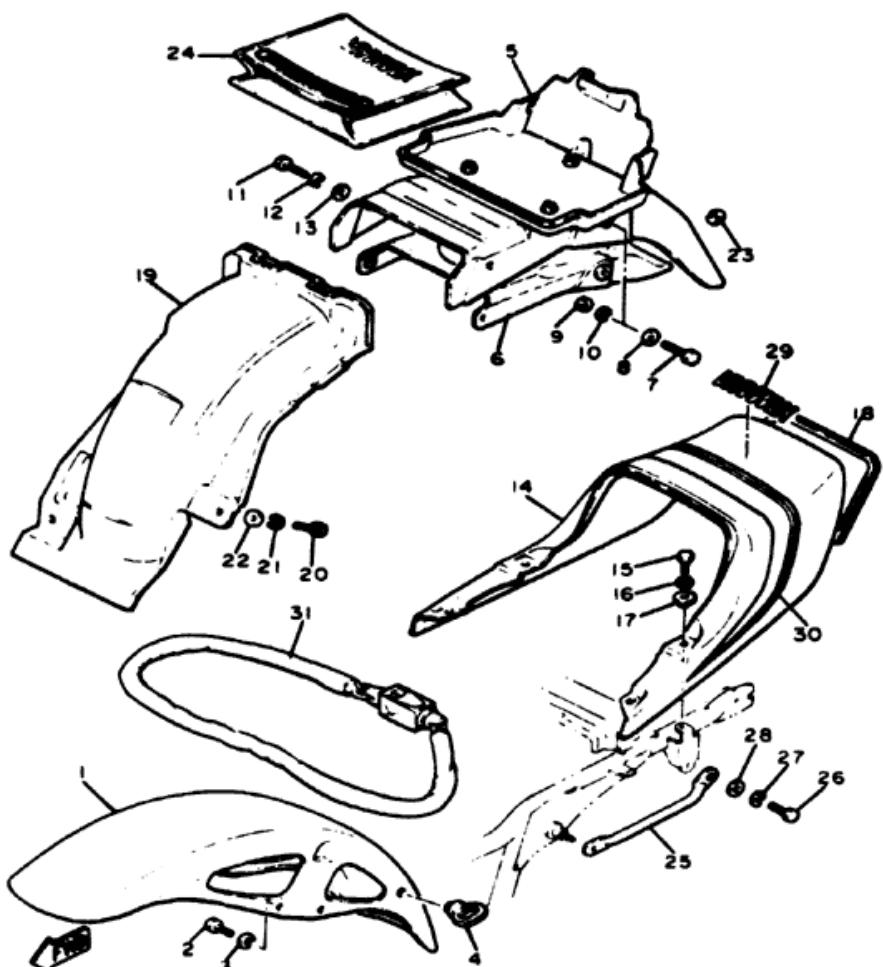
Ref. No.	Part Number	Description	Qty.	Remarks
1	4U8-21110-00-33	FRAME COMP.....	1	Yamaha Black
2	4G0-21315-00-R4	STAY, engine_2 .....	1	Black
3	4G0-21316-00-R4	STAY, engine 3 .....	1	Black
4	90105-08155-00	BOLT, washer based.....	4	
5	90105-10401-00	BOLT, washer based (90105-10055).....	1	
6	90105-10170-00	BOLT, washer based.....	2	
7	90179-10247-00	NUT.....	3	
8	90105-12171-00	BOLT, washer based.....	1	
9	90179-12421-00	NUT (90179-12248) .....	1	

Initial Engine Number / Frame Number	4U8-020101 / 4U8-020101
Engine Mounting Bolts: Front, Upper Nut	10 x 1.25: 4.2 m-kg
Lower Bolt	10 x 1.25: 4.2 m-kg
Rear Nut	12 x 1.25: 7.0 m-kg
Stay, Front	8 x 1.25: 2.0 m-kg



4U8110-1220

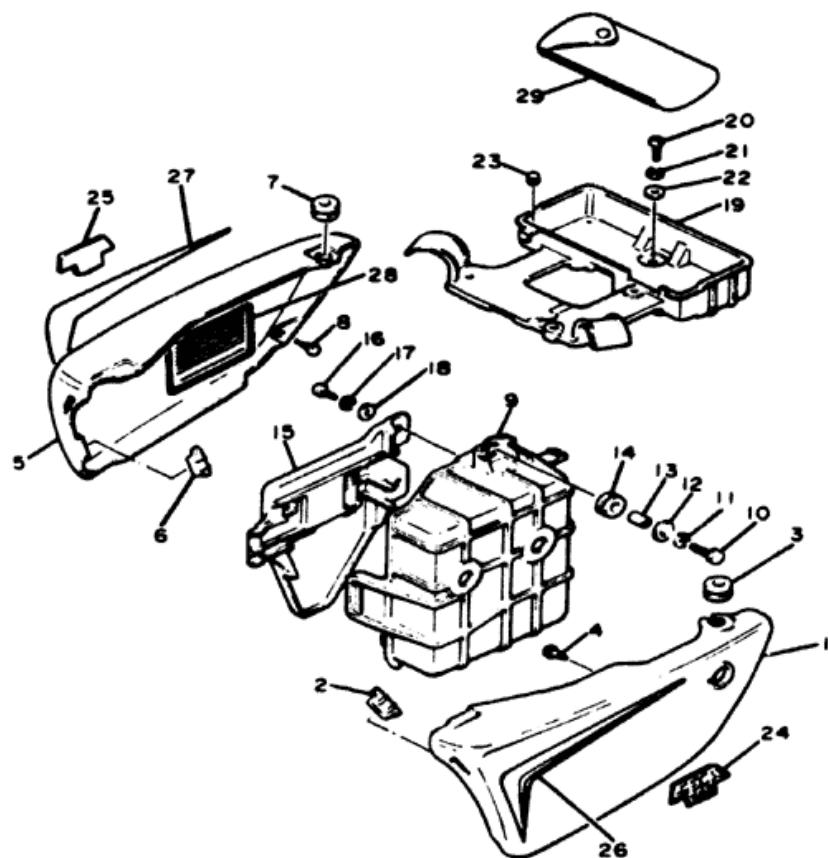
# FENDER



4U8110-2230

Ref. No.	Part Number	Description	Qty.	Remarks
1	4K0-21510-00T5	FRONT FENDER COMP. ....	1	Maxim Red
2	97313-08020-00	BOLT (97301-08020) ....	4	
3	92990-08100-00	WASHER, spring (92903-08100)	4	
4	1A0-21518-00-00	HOLDER, cable .....	1	
5	4G0-21610-00-00	REAR FENDER COMP. ....	1	
6	4G0-21670-00-00	REINF. COMP. ....	1	
7	97301-08025-00	BOLT .....	2	
8	92901-08600-00	WASHER, plate .....	2	
9	95303-08600-00	NUT (95301-08600) .....	2	
10	92990-08100-00	WASHER, spring (92903-08100)	2	
11	97313-08016-00	BOLT (97301-08016) .....	2	
12	92990-06100-00	WASHER, spring (92903-06100)	2	
13	92901-08600-00	WASHER, plate .....	2	
14	4G0-21651-00-T5	COVER, rear fender .....	1	Maxim Red
15	97313-08016-00	BOLT (97301-08016) .....	4	
16	92990-06100-00	WASHER, spring (92903-06100)	4	
17	90387-06500-00	COLLAR .....	4	
18	4G0-21652-00-00	PROTECTOR .....	1	
19	4G0-21629-00-00	GUARD, mud .....	1	
20	97313-08016-00	BOLT (97301-08016) .....	2	
21	92990-06100-00	WASHER, spring (92903-06100)	2	
22	90201-08067-00	WASHER, plate .....	2	
23	4G0-21639-00-00	DAMPER 2 .....	1	
24	4G0-2177A-00-00	BOX .....	1	
25	4G0-21165-00-00	HANDLE, standing .....	1	
26	97313-08020-00	BOLT (97301-08020) .....	1	
27	92990-08100-00	WASHER, spring (92903-08100)	1	
28	92901-08600-00	WASHER, plate .....	1	
29	2F1-24786-00-00	EMBLEM .....	1	
30	4U8-21663-20-00	GRAPHIC, tailcover .....	1	
31	4W5-W2171-00-00	WHEEL LOCK ASS'Y (4X7-W2171-00)	1	

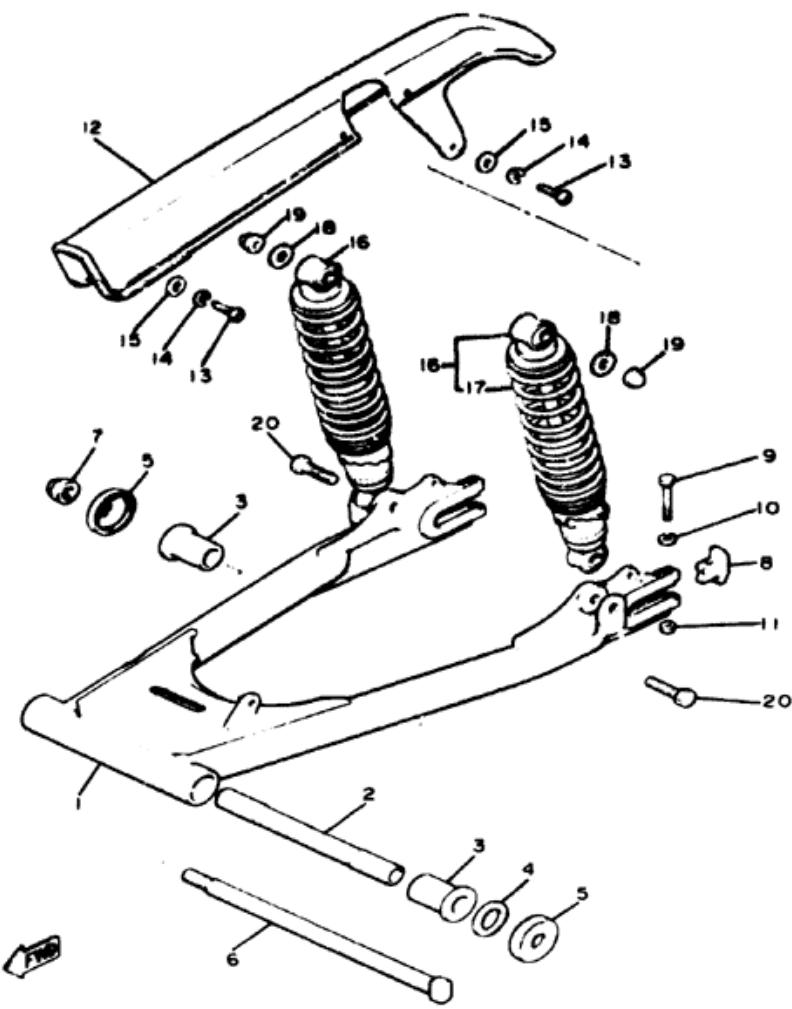
## SIDE COVER • TOOL



4U8110-2240

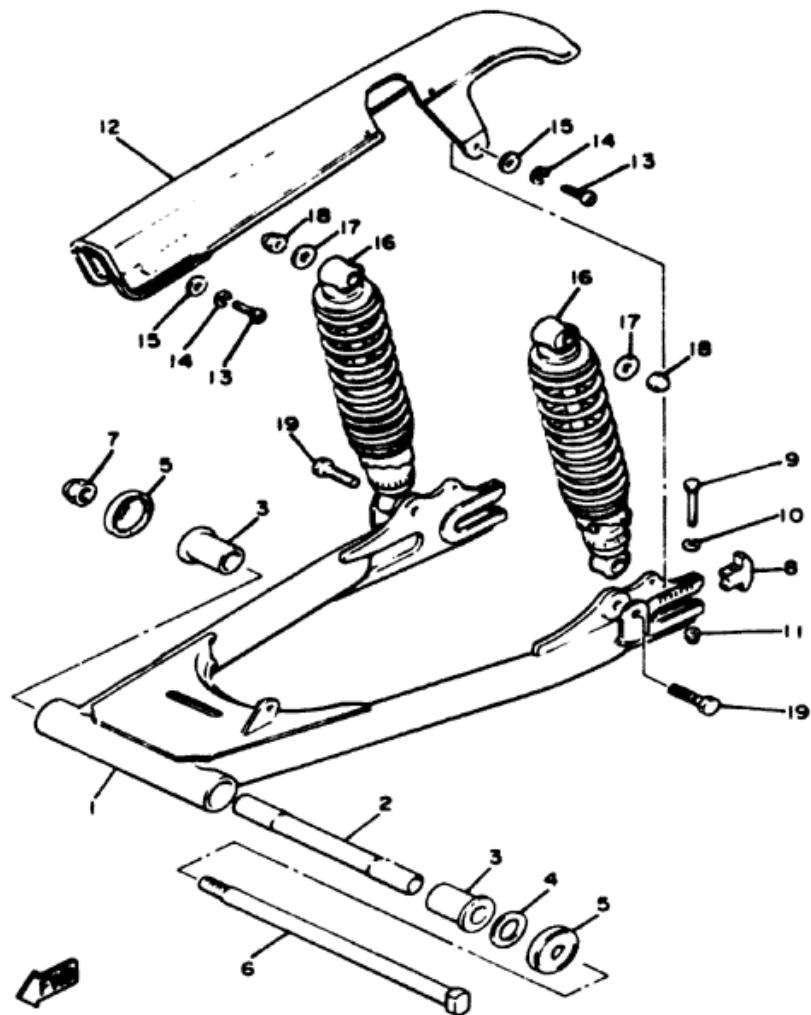
Ref. No.	Part Number	Description	Qty.	Remarks
1	4G0-21711-00-T5	COVER, side 1 .....	1	Maxim Red
2	2N4-21717-00-00	DAMPER, side cover.....	2	
3	90480-12053-00	GROMMET.....	1	
4	90480-05201-00	GROMMET.....	1	
5	4G0-21721-00-T5	COVER, side 2.....	1	Maxim Red
6	2N4-21717-00-00	DAMPER, side cover.....	2	
7	90480-12053-00	GROMMET.....	1	
8	90480-05201-00	GROMMET.....	1	
9	4G0-21170-00-00	BOX COMP.....	1	
10	97303-06020-00	BOLT (97302-06020) .....	3	
11	92990-06100-00	WASHER, spring (92903-06100)	3	
12	90201-063J2-00	WASHER, plate (90201-06071)	3	
13	90387-060A7-00	COLLAR .....	3	
14	90480-16233-00	GROMMET.....	3	
15	4G0-28185-00-00	LID.....	1	
16	92503-06015-00	SCREW, pan head (92502-06016)	2	
17	92990-06100-00	WASHER, spring (92903-06100)	2	
18	90201-06055-00	WASHER, plate .....	2	
19	4G0-21171-00-00	BOX, tool .....	1	
20	92503-06015-00	SCREW, pan head (92502-06016)	1	
21	92990-06100-00	WASHER, spring (92903-06100)	1	
22	90201-06055-00	WASHER, plate .....	1	
23	1J7-21717-00-00	DAMPER, side cover.....	2	
24	4U8-21781-00-00	EMBLEM 1.....	1	
25	4U8-21782-00-00	EMBLEM 2.....	1	
26	4U8-2173E-20-00	GRAPHIC 1 .....	1	
27	4U8-2173F-20-00	GRAPHIC 2 .....	1	
28	4U8-21683-10-00	PLATE, specification.....	1	
29	4G0-28100-00-00	TOOL KIT (4G0-28100-00).....	1	

## REAR ARM - SUSPENSION



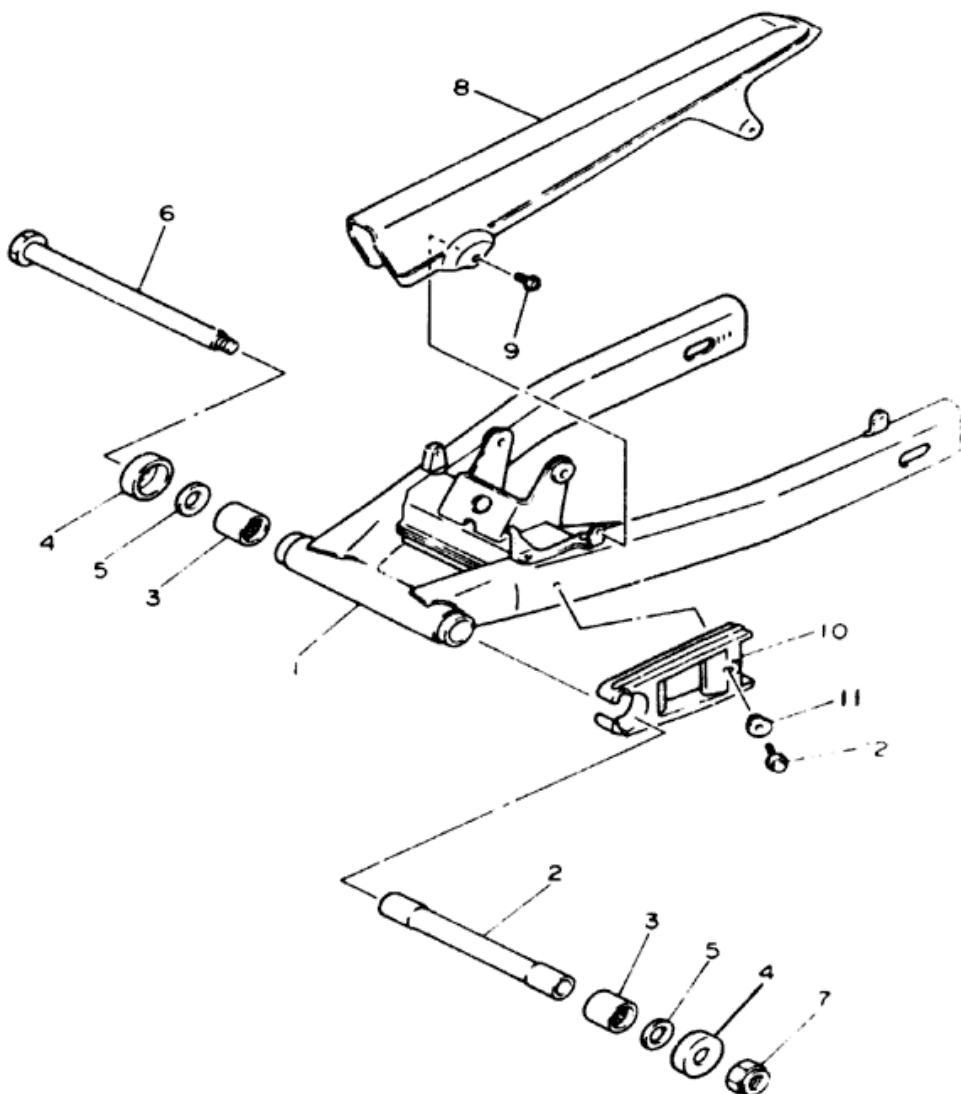
Ref. No.	Part Number	Description	Qty.	Remarks
1	4U8-22110-00-33	REAR ARM COMP. ....	1	Yamaha Black
2	4L0-22184-00-00	BUSH .....	1	
3	90386-22102-00	BUSH .....	2	
4	240-22127-00-00	SHIM (0.3T) (158-22127-00)....	1	U.N.
5	322-22128-01-00	COVER, thrust 1 .....	2	
6	4G0-22141-00-00	SHAFT, pivot .....	1	
7	90185-14070-00	NUT, self-locking.....	1	
8	4G0-22177-00-00	END 3 .....	2	
9	97326-06055-00	BOLT .....	2	
10	92906-06100-00	WASHER, spring .....	2	
11	95306-06600-00	NUT.....	2	
12	4G0-22311-00-00	CASE, chain.....	1	
13	92506-06018-00	SCREW, pan head.....	2	
14	92906-06100-00	WASHER, spring .....	2	
15	90201-062AB-00	WASHER, plate .....	2	
16	4U8-22210-00-00	SHOCK ABSORBER ASS'Y, rear	2	
17	4U8-22212-00-00	SPRING .....	1	
18	90201-10142-00	WASHER, plate .....	2	
19	90176-10009-00	NUT, crown .....	2	
20	90106-10030-00	BOLT .....	2	

## SWING ARM - REAR SHOCKS



Ref. No.	Part Number	Description	Qty.	Remarks
1	4U8-22110-00-33	REAR ARM COMP. ....	1	Yamaha Black
2	341-22184-00-00	BUSH (4L0-22184-00) ....	1	
3	90386-22102-00	BUSH ....	2	
4	240-22127-00-00	SHIM (0.3T) (156-22127-00)....	1	UN
5	322-22128-01-00	COVER, thrust 1 ....	2	
6	4G0-22141-00-00	SHAFT, pivot ....	1	
7	90185-14070-00	NUT, self-locking....	1	
8	4G0-22177-00-00	END 3 ....	2	
9	97326-06055-00	BOLT ....	2	
10	92906-06100-00	WASHER, spring....	2	
11	95706-06300-00	NUT, nylon....	2	
12	4G0-22311-00-00	CASE, chain....	1	
13	92506-06016-00	SCREW, pan head....	2	
14	92906-06100-00	WASHER, spring....	2	
15	90201-062A8-00	WASHER, plate....	2	
16	4U8-22210-10-00	SHOCK ABSORBER ASS'Y, rear	2	
17	90201-10142-00	WASHER, plate....	2	
18	90176-10009-00	NUT, crown ....	2	
19	90106-10030-00	BOLT ....	2	

## SWING ARM

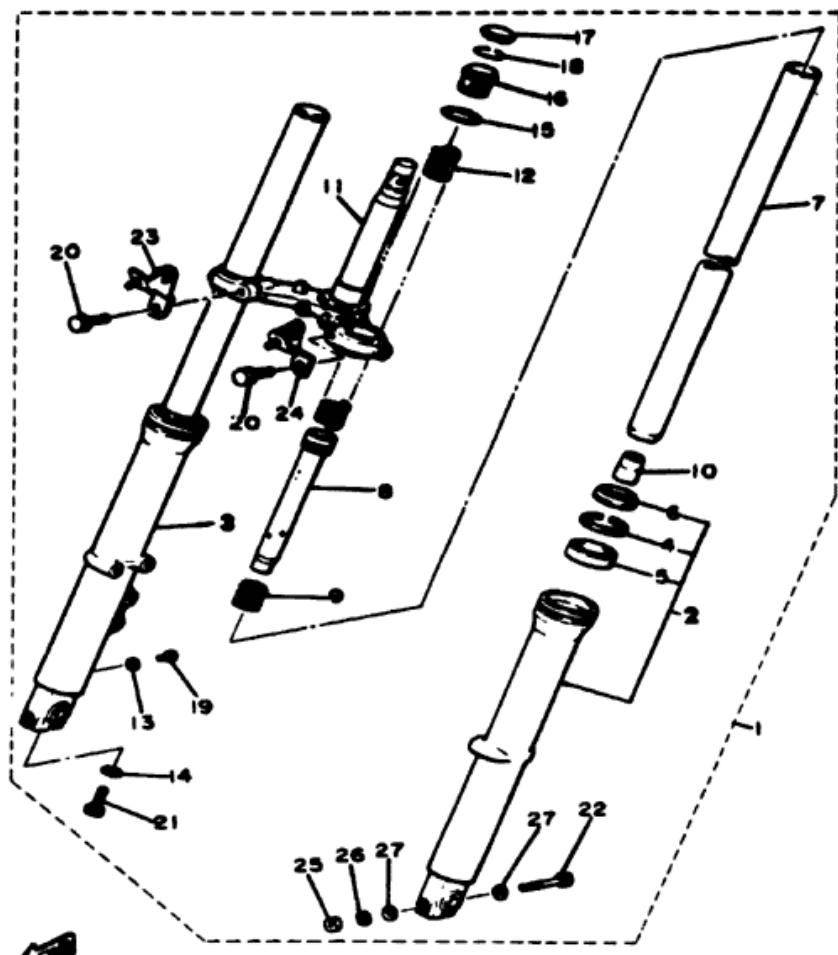


Ref. No.	Part Number	Description	SD	SDC	Remarks
1	4BP-22110-00-WL	REAR ARM COMP.1	1		1 STARDUST SILVER
2	33M-22184-00-00	BUSH	1	1	
3	93320-32403-00	BEARING	2	2	
4	4X7-22129-00-00	COVER, THRUST 2	2	2	
5	90201-161J3-00	WASHER, PLATE	2	2	
6	3LN-22141-60-00	SHAFT, PIVOT	1	1	
7	90185-14070-00	NUT, SELF-LOCKING	1	1	
8	1KT-22311-00-00	CASE, CHAIN	1	1	
9	90159-06175-00	SCREW, W/WASHER	2	2	
10	3YX-22151-00-00	SEAL, GUARD	1	1	
11	90387-083Y8-00	COLLAR	1	1	
12	95816-06016-00	BOLT, FLANGE	1	1	



4BR351-2220

## FRONT FORK

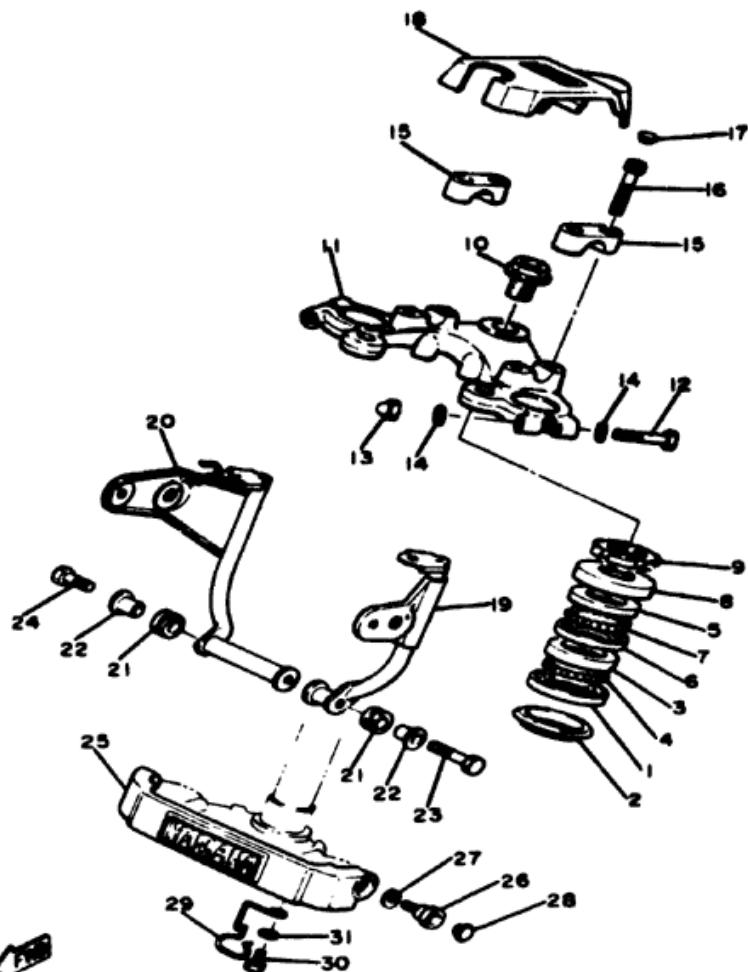


Ref. No.	Part Number	Description	Qty.	Remarks
1	[4U8-23101-00-00] FRONT FORK ASS'Y.....		1	N/A
2	4U8-23126-00-33	. TUBE, outer 1 .....	1	Yamaha Black
3	4U8-23136-00-33	. TUBE, outer 2 .....	1	Yamaha Black
4	4A1-23156-00-00	. . CLIP, oil seal .....	2	
5	4G0-23145-00-00	. . OIL SEAL (3G2-23145-00)...	2	
6	4G0-23144-01-00	. . SEAL, dust (4G0-23144-00) ...	2	
7	5F8-23110-00-00	. . INNER TUBE COMP. 1 .....	2	
8	5F8-23170-00-00	. . CYLINDER COMP., front fork	2	
9	509-23151-L0-00	. . SPRING, rebound.....	2	
10	1W1-23173-L0-00	. . SPINDLE, taper .....	2	
11	5F8-23340-00-33	. . UNDER BRACKET COMP. (4G0-23340-00-33) .....	1	Yamaha Black
12	4U8-23141-00-00	. . SPRING, front fork.....	2	
13	122-23129-00-00	. . GASKET, drain plug .....	2	
14	509-23158-L0-00	. . GASKET.....	2	
15	3J2-23114-00-00	. . O-RING .....	2	
16	3Y1-23111-00-00	. . BOLT, cap .....	2	
17	3Y1-23168-00-00	. . CAP, front fork .....	2	
18	3J2-23183-00-00	. . CIRCLIP.....	2	
19	4H1-23119-00-00	. . PLUG, drain.....	2	
20	4G0-23346-00-00	. . BOLT 1.....	2	
21	278-23181-50-00	. . BOLT, hexagon socket head ..	2	
22	4U8-23356-10-00	. . BOLT 2.....	2	
23	4G0-23378-00-00	. . BRACKET, horn .....	1	
24	4G0-23377-00-00	. . BRACKET, horn .....	1	
25	95336-08600-00	. . NUT (95316-08600).....	2	
26	92906-08100-00	. . WASHER, spring .....	2	
27	92906-08600-00	. . WASHER, plate .....	4	

Front Forks: Oil Type / Level / Qty

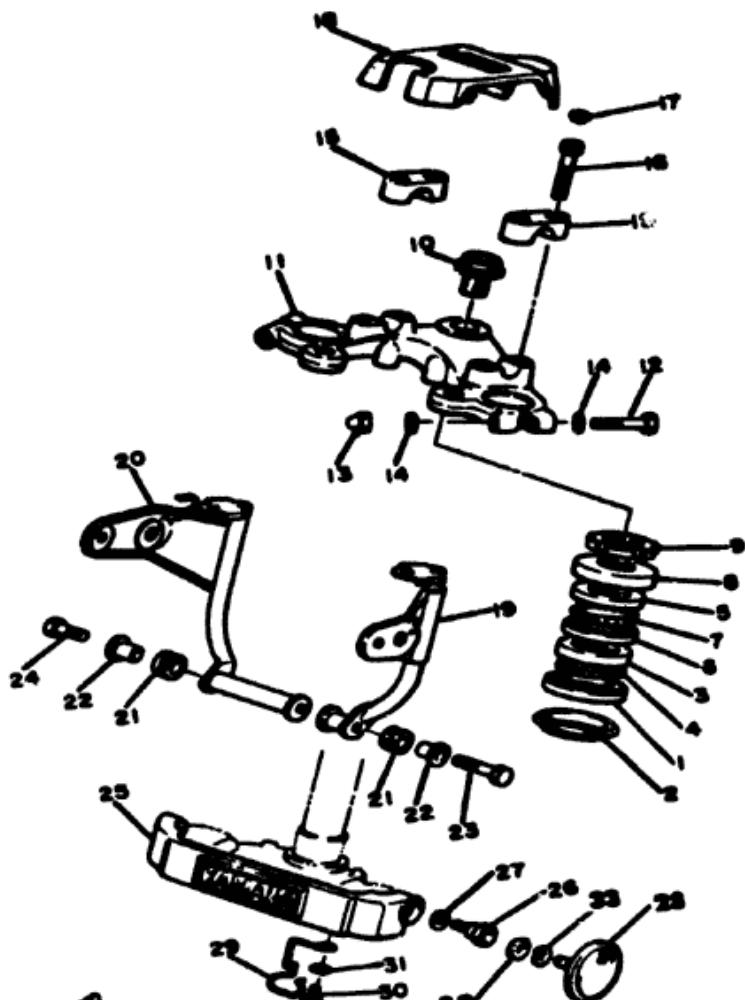
10 Wt. Fork Oil\* /  $\varnothing$  / 230cc

# STEERING



4G0010-0270

Ref. No.	Part Number	Description	Qty.	Remarks
1	156-23411-00-00	RACE, ball 1.....	1	
2	164-23462-00-00	SEAL, steering.....	1	
3	156-23412-00-00	RACE, ball 2.....	1	
4	93501-04011-00	BALL.....	19	
5	183-23411-00-00	RACE, ball 1.....	1	
6	183-23412-00-00	RACE, ball 2.....	1	
7	93501-04011-00	BALL.....	19	
8	136-23415-00-00	COVER, ball race 1 .....	1	
9	90179-25033-00	NUT.....	1	
10	90105-14102-00	BOLT, washer based.....	1	
11	4G0-23435-00-98	CROWN, handle .....	1	Low Gloss Black
12	97313-08055-00	BOLT.....	2	
13	95303-08800-00	NUT, crown .....	2	
14	92901-08800-00	WASHER, plate .....	4	
15	4H7-23441-00-98	HOLDER, handle upper.....	2	Low Gloss Black
16	91316-08030-00	BOLT.....	4	
17	341-23469-00-00	CAP, bolt .....	4	
18	4G0-26213-00-00	COVER, upper .....	1	
19	4G0-23121-00-00	COVER, upper 1.....	1	
20	4G0-23131-00-00	COVER, upper 2.....	1	
21	90480-14023-00	GROMMET (90480-14101).....	2	
22	90387-065A6-00	COLLAR .....	2	
23	97326-06050-00	BOLT.....	1	
24	97316-06025-00	BOLT (97326-06025) .....	1	
25	4U8-23122-00-00	COVER, outer 1 .....	1	
26	90109-06583-00	BOLT.....	2	
27	92990-10200-00	WASHER, plain (92903-10200)	2	
28	90338-24115-00	PLUG.....	2	
29	4G0-23466-00-00	CLAMP .....	1	
30	97016-06016-00	BOLT (97306-06016) .....	1	
31	92908-06800-00	WASHER, plate .....	1	

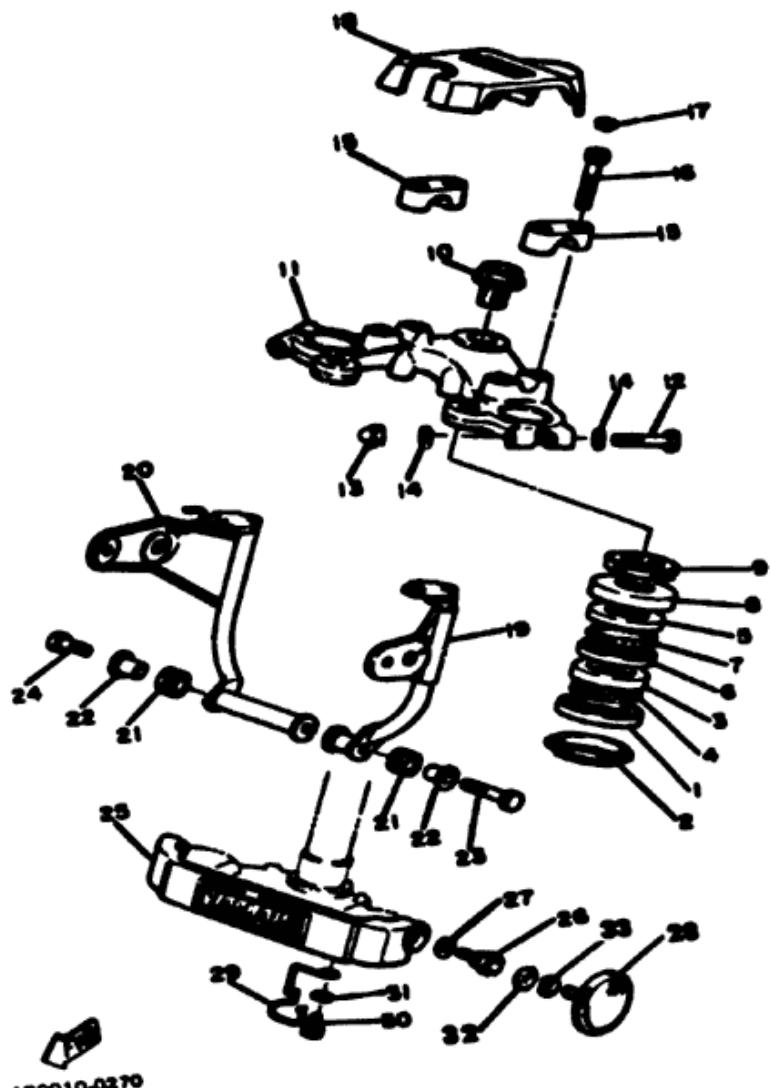


4G0010-0270

## STEERING

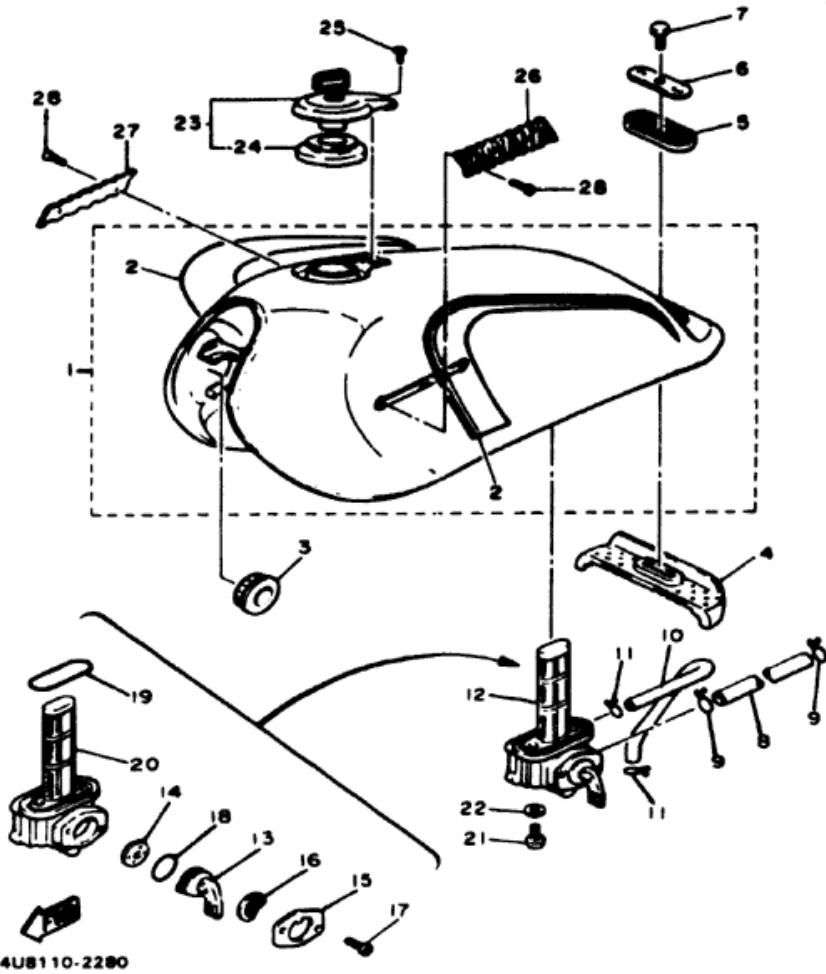
Ref. No.	Part Number	Description	Qty.	Remarks
1	156-23411-00-00	RACE, ball 1 .....	1	
2	164-23462-00-00	SEAL, steering .....	1	
3	156-23412-00-00	RACE, ball 2 .....	1	
4	93501-04011-00	BALL .....	19	
5	183-23411-00-00	RACE, ball 1 .....	1	
6	183-23412-00-00	RACE, ball 2 .....	1	
7	93501-05011-00	BALL .....	19	
8	136-23415-00-00	COVER, ball race 1 .....	1	
9	90179-25033-00	NUT .....	1	
10	90105-14102-00	BOLT, washer based .....	1	
11	4G0-23435-00-98	CROWN, handle .....	1	Lw Gloss Blk
12	97313-08055-00	BOLT .....	2	
13	95303-08600-00	NUT, crown .....	2	
14	92901-08600-00	WASHER, plate .....	4	
15	4H7-23441-00-98	HOLDER, handle upper .....	2	Lw Gloss Blk
16	91316-08030-00	BOLT .....	4	
17	341-23469-00-00	CAP, bolt .....	4	

## STEERING



Ref. No.	Part Number	Description	Qty.	Remarks
18	4G0-26213-00-00	COVER, upper .....	1	
19	4G0-23121-00-00	COVER, upper 1 .....	1	
20	4G0-23131-00-00	COVER, upper 2 .....	1	
21	90480-14023-00	GROMMET (90480-14101) ....	2	
22	90387-06388-00	COLLAR (90387-065A6) .....	2	
23	97326-06050-00	BOLT .....	1	
24	97016-06025-00	BOLT (97326-06025) .....	1	
25	4U8-23122-00-00	COVER, outer 1.....	1	
26	90109-06583-00	BOLT .....	2	
27	92990-10200-00	WASHER, plain (92901-10200) .	2	
28	355-85111-00-00	REFLECTOR FRONT 1 (2N8-85111-00) .....	2	
29	[4G0-23466-00-00]	CLAMP .....	1	
30	97016-06016-00	BOLT (97306-06016) .....	1	
31	92906-06600-00	WASHER, plate .....	1	
32	92990-05100-00	WASHER, spring (92903-05100)	2	
33	92990-05200-00	WASHER (92901-05200) .....	2	

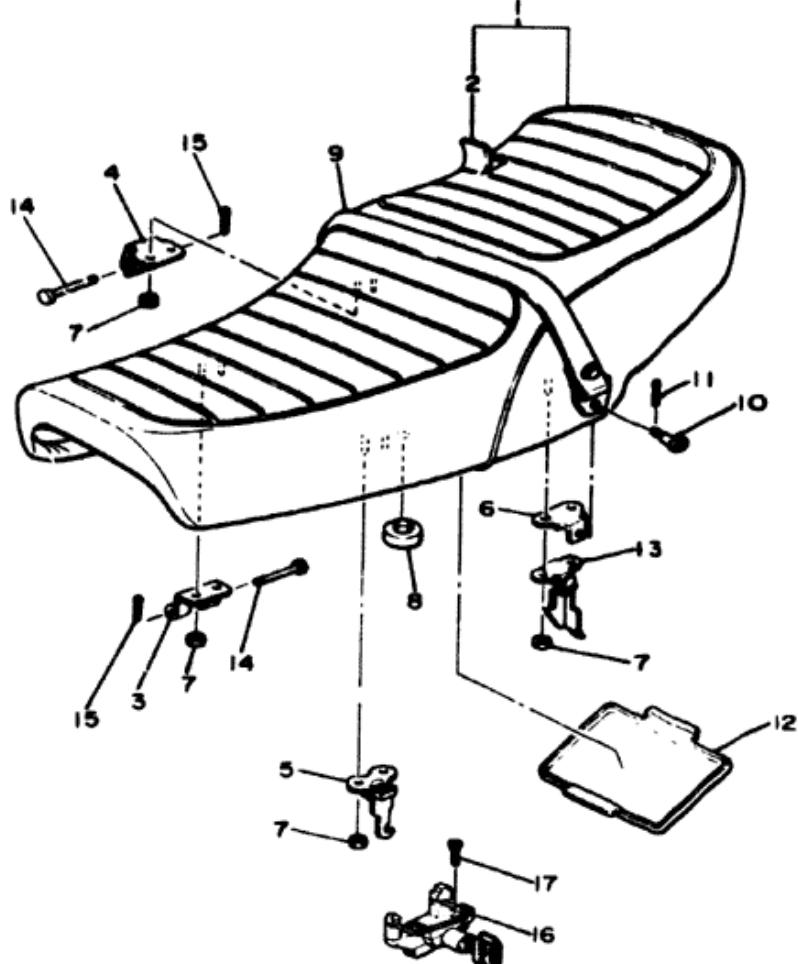
## FUEL TANK



Ref. No.	Part Number	Description	Qty.	Remarks
1	4G0-24110-00-X4	FUEL TANK COMP. ....	1	Maxim Red
2	4U8-24240-20-00	. GRAPHIC SET .....	1	
3	278-24181-00-00	DAMPER, locating 1.....	2	
4	4G0-24182-00-00	DAMPER, locating 2.....	1	
5	4H7-24183-00-00	DAMPER, locating 3.....	1	
6	4H7-24186-00-00	WASHER, special .....	1	
7	97313-08012-00	BOLT (97302-08012) .....	1	
8	4G0-24311-00-00	PIPE, fuel 1 .....	1	
9	90467-10008-00	CLIP .....	2	
10	90448-09531-00	HOSE .....	1	
11	90467-08003-00	CLIP .....	2	
12	4H7-24500-01-00	FUEL COCK ASS'Y 1 .....	1	
13	4H7-24524-00-00	. LEVER, cock .....	1	
14	3H3-24523-00-00	. VALVE .....	1	
15	4H7-24525-00-00	. PLATE, lever fitting .....	1	
16	10L-24518-00-00	. WASHER, wave (3H3-24518-00)	1	
17	98501-03008-00	. SCREW, pan head .....	2	
18	3H3-24534-00-00	. O-RING .....	1	
19	2W8-24512-00-00	. O-RING .....	1	
20	3Y1-24514-00-00	. NET, FILTER 1 (3Y1-24514-20)	1	
21	90149-08011-00	SCREW.....	2	
22	90202-06010-00	WASHER, plate .....	2	
23	4X7-24602-00-00	CAP ASS'Y.....	1	
24	4X7-24612-00-00	. GASKET, cap .....	1	
25	98506-05010-00	SCREW, pan head .....	1	
26	4G0-24161-00-00	EMBLEM 1.....	1	
27	4G0-24162-00-00	EMBLEM 2.....	1	
28	90152-04006-00	SCREW, countersunk .....	4	

Basic Color(s)	Maxim Red
Fuel Type/Fuel Tank Capacity/Reserve Capacity	Regular / 16 Ltr. / 3.5 Ltr.

## S E A T

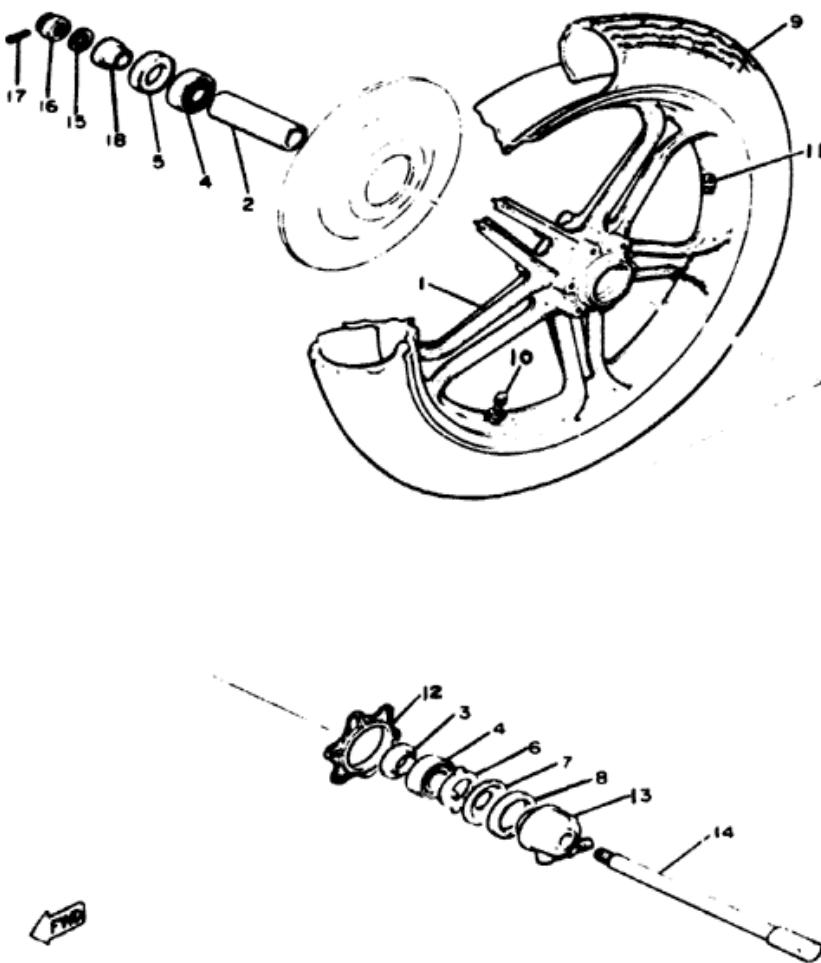


Ref. No.	Part Number	Description	Qty.
1	4GO-W2472-01-00	DOUBLE SEAT ASS'Y .....	1
2	4GO-24731-00-00	. COVER, double seat .....	1
3	4GO-24769-00-00	HINGE, seat.....	1
4	4GO-24779-00-00	HINGE, seat 2.....	1
5	4GO-24728-00-00	BRACKET, seat .....	1
6	4GO-24718-01-00	BRACKET, seat .....	1
7	95701-06500-00	SPEED NUT (3Y6-24735-00)....	8
8	4GO-24723-00-00	DAMPER, seat.....	1
9	4GO-24734-00-00	BAND, seat.....	1
10	2M1-24717-00-00	BOLT, seat fitting .....	2
11	90468-10050-00	CLIP.....	2
12	395-28185-00-00	LID.....	1
13	4GO-24760-00-00	SEAT LEVER ASS'Y .....	1
14	91701-05055-00	PIN, clevis .....	2
15	90468-10050-00	CLIP.....	2
16	4GO-24705-00-00	SEAT LOCK ASS'Y .....	1
17	92603-06012-00	SCREW, flat head (92701-06012)	2



4G0010-0290

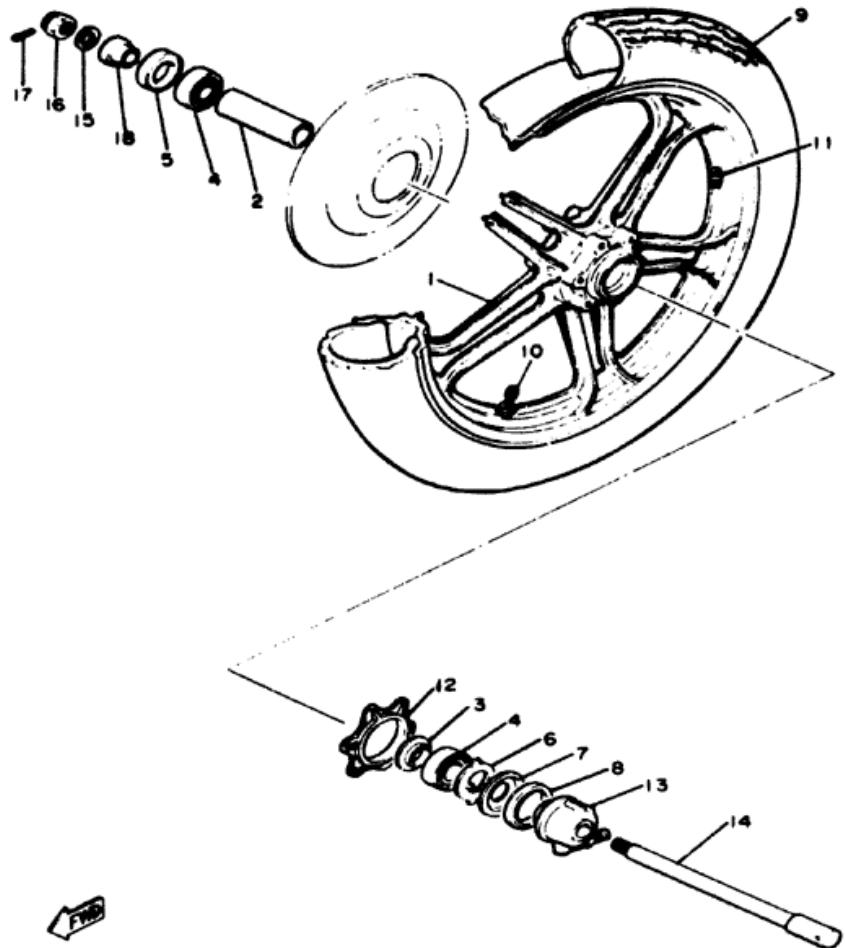
## FRONT WHEEL



Ref. No.	Part Number	Description	Qty.	Remarks
1	4U8-25169-00-00	CAST WHEEL, front .....	1	
2	90560-15116-00	SPACER .....	1	
3	146-25115-00-00	FLANGE, spacer 1.....	1	
4	93306-30203-00	BEARING (B6302Z).....	2	
5	93102-22014-00	OIL SEAL .....	1	
6	341-25149-00-00	CLUTCH, meter.....	1	
7	341-25846-00-00	RETAINER, clutch.....	1	
8	93105-45017-00	OIL SEAL .....	1	
9	94130-19447-00	TIRE (3.00-19).....	1	Bridgestone
10	93900-00001-00	VALVE, rim.....	1	
11	1A1-25398-01-00	BALANCER, wheel (20G).....	1	U.N.
	1A1-25399-00-00	BALANCER, wheel (10G).....	1	U.N.
	2M0-25399-00-00	BALANCER, wheel (30G).....	1	U.N.
12	1U4-25847-00-00	COVER, housing .....	1	
13	4K0-25190-00-00	GEAR UNIT ASS'Y .....	1	
14	4H7-25181-01-00	AXLE, wheel (4H7-25181-00) ...	1	
15	92901-14200-00	WASHER, plain .....	1	
16	90171-14020-00	NUT, castle .....	1	
17	91401-30030-00	PIN, cotter .....	1	
18	90387-15550-00	COLLAR .....	1	

Minimum Brake Lining Thickness	Front: 0.8mm	Rear: 2.0mm
Tire Size (Nominal Pressure)	F185/H18 (1.75 kg/cm <sup>2</sup> /25 psi)	R16/19-14 (1.92 kg/cm <sup>2</sup> /25 psi)
Front Axle Nut	14 x 1.50: 10.7 m-kg	
Front Axle Pinch Bolt	8 x 1.25: 2.0 m-kg	

## FRONT WHEEL



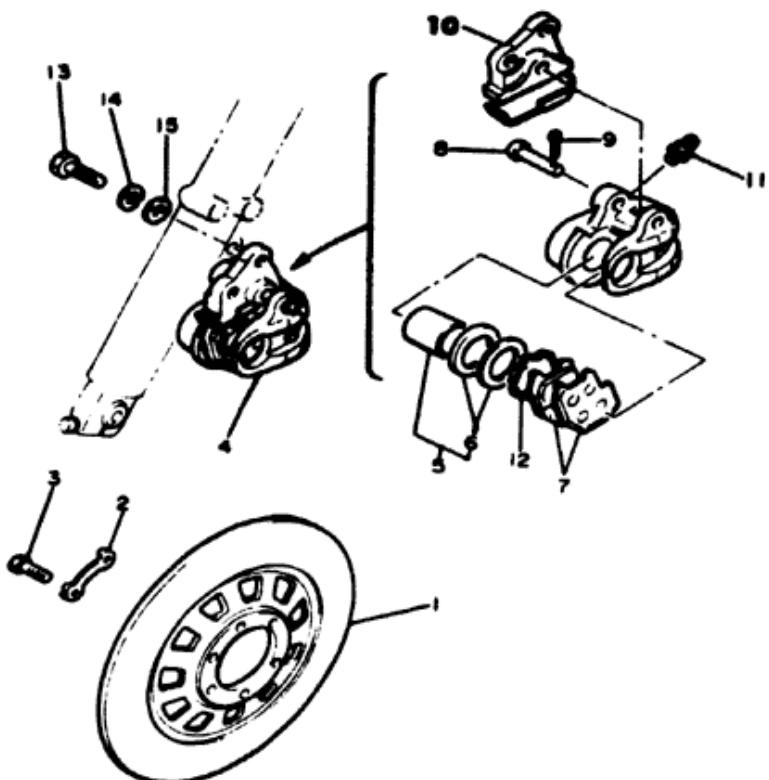
Ref. No.	Part Number	Description	Qty.	Remarks
1	4U8-25168-00-00	CAST WHEEL, front .....	1	
2	90560-15116-00	SPACER .....	1	
3	146-25115-00-00	FLANGE, spacer 1.....	1	
4	93306-30203-00	BEARING (B6302Z).....	2	
5	93102-22014-00	OIL SEAL .....	1	
6	341-25149-00-00	CLUTCH, meter.....	1	
7	341-25846-00-00	RETAINER, clutch.....	1	
8	93105-45017-00	OIL SEAL .....	1	
9	94130-19447-00	TIRE (3.00-19).....	1	U.R. Bridgestone
10	93900-00001-00	VALVE, rim (16024 101) .....	1	U.R. Bridgestone
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	1U4-25847-00-00	COVER, housing .....	1	
13	4K0-25190-00-00	GEAR UNIT ASS'Y .....	1	
14	4H7-25181-01-00	AXLE, wheel (4H7-25181-00) ...	1	
15	92990-14200-00	WASHER, plain (92901-14200)	1	
16	90171-14020-00	NUT, castle .....	1	
17	91401-30030-00	PIN, cotter .....	1	
18	90387-15550-00	COLLAR .....	1	

FRONT WHEEL ASSEMBLY

4U8110-1300

Minimum Brake Lining Thickness	Front: 0.8mm	Rear: 2.0mm
Tire Size (Nominal Pressure)	F:3.00-H19 (1.75 kg/cm <sup>2</sup> )	R:110/90-18 61H (2.00 kg/cm <sup>2</sup> )
Front Axle Nut	14 x 1.50: 10.7 m·kg	
Front Axle Pinch Bolt	8 x 1.25: 2.0 m·kg	

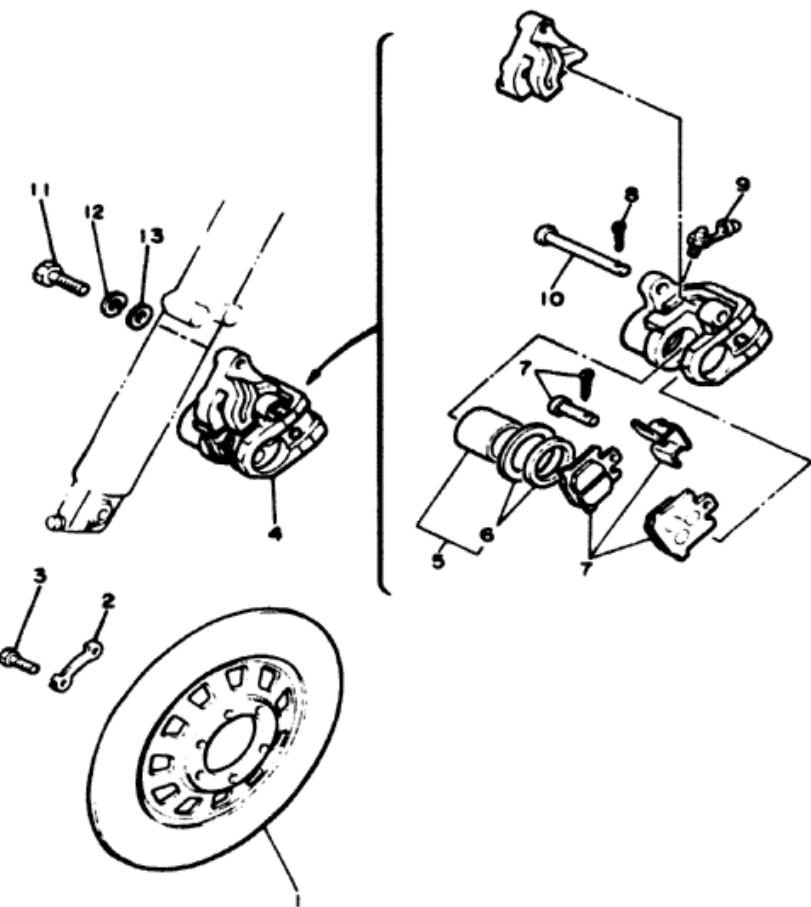
## FRONT BRAKE - CALIPER



Ref. No.	Part Number	Description	Qty.	Remarks
1	2H7-25831-00-00	DISC, brake .....	1	
2	1J3-25834-01-00	WASHER, lock.....	3	
3	90101-08312-00	BOLT .....	6	
4	4L3-25810-20-00	CALIPER ASS'Y.....	1	
5	4L0-W0057-00-00	PISTON ASS'Y, caliper.....	1	
6	4L0-W0047-01-00	CALIPER SEAL KIT .....	1	
7	4L3-W0045-00-00	BRAKE PAD KIT, front .....	1	
8	4L0-25914-00-00	PIN, slide.....	1	
9	91490-20015-00	PIN, cotter.....	1	
10	4L0-25913-00-00	RETAINER.....	1	
11	1J3-W0048-00-00	BREED SCREW KIT .....	1	
12	4L0-25828-00-01	SHIM, caliper (0.1T) .....	1	U.R.
	4L0-25828-00-02	SHIM, caliper (0.2T) .....	1	U.R.
	4L0-25828-00-03	SHIM, caliper (0.3T) .....	1	U.R.
13	90101-10308-00	BOLT .....	2	
14	92903-10100-00	WASHER, spring (92901-10100)	2	
15	92903-10200-00	WASHER, plain (92901-10200)	2	

Minimum Brake Lining Thickness	Front: 0.8mm	Rear: 2.0mm
Tire Size (Nominal Pressure)	F:185/H18 (1.75 kg/cm <sup>2</sup> /28 psi)	R:110/85-18 81H (2.00 kg/cm <sup>2</sup> /30 psi)

## FRONT BRAKE CALIPER

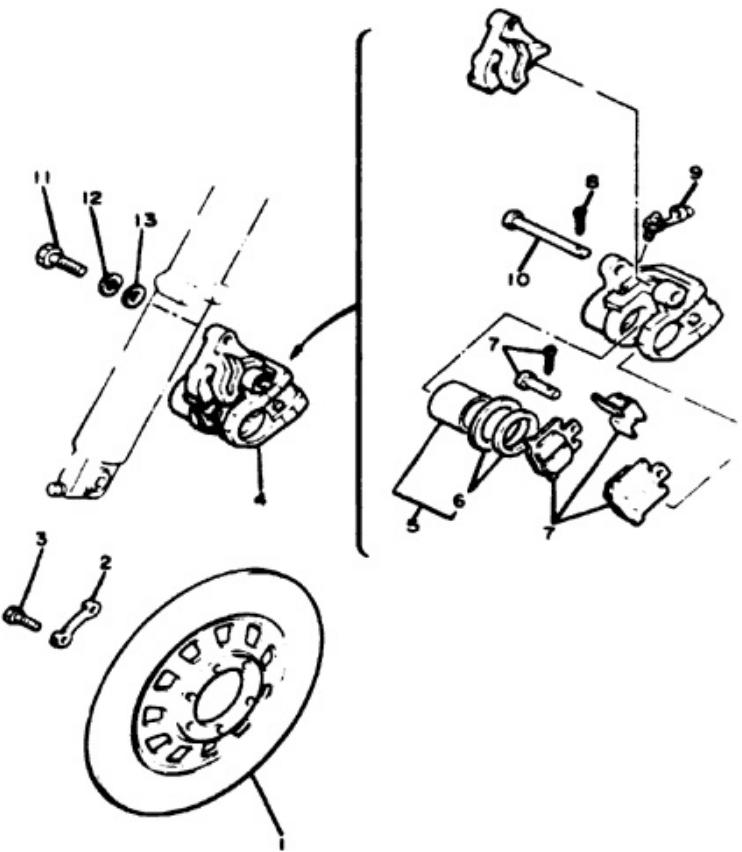


Ref. No.	Part Number	Description	Qty.	Remarks
1	2H7-25831-00-00	DISC, brake .....	1	
2	1J3-25834-01-00	WASHER, lock.....	3	
3	90101-08312-00	BOLT.....	6	
4	23W-25810-01-00	CALIPER ASS'Y (4L3-25810-20)	1	
5	4W1-W0057-00-00	. PISTON ASS'Y, caliper .....	1	
6	4L0-W0047-01-00	. . CALIPER SEAL KIT.....	1	
7	4W1-W0045-20-00	. BRAKE PAD KIT, front.....	1	
8	91490-20015-00	. PIN, cotter.....	1	
9	1J3-W0048-00-00	. BREED SCREW KIT.....	1	
10	4W1-25914-00-00	. PIN, slide.....	1	
11	90105-10308-00	BOLT (90101-10308) .....	2	
12	92990-10100-00	WASHER, spring (92903-10100)	2	
13	92990-10200-00	WASHER, plain (92903-10200)	2	

Minimum Brake Lining Thickness	Front: 0.8mm	Rear: 2.0mm
Tire Size (Nominal Pressure)	F:3.00-H19 (1.75 kg/cm <sup>2</sup> )	R:110/90-18 61H (2.00 kg/cm <sup>2</sup> )



## FRONT BRAKE CALIPER

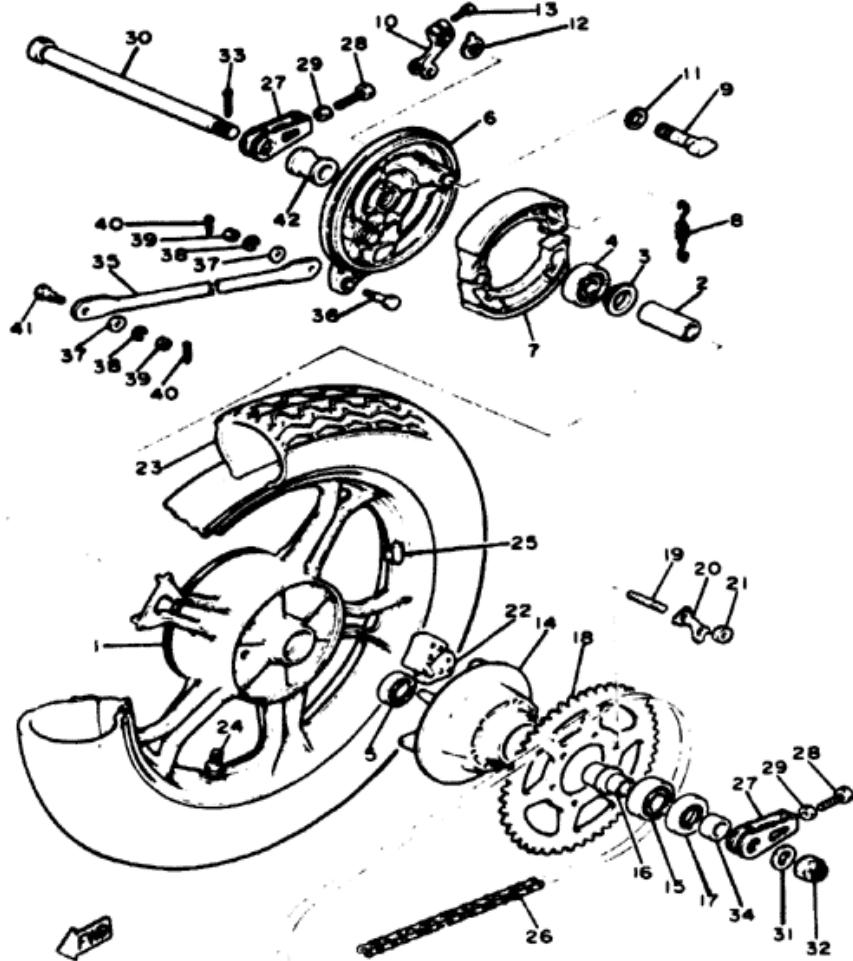


Ref. No.	Part Number	Description	Qty.	Remarks
1	2H7-25831-00-00	DISC., brake .....	1	
2	1J3-25834-01-00	WASHER, lock .....	3	
3	90101-08312-00	BOLT .....	6	
4	23W-25810-01-00	CALIPER ASS'Y (4L3-25810-20)	1	
5	4W1-W0057-00-00	. PISTON ASS'Y, caliper .....	1	
6	4L0-W0047-01-00	. . . CALIPER SEAL KIT .....	1	
7	23W-W0045-01-00	. BRAKE PAD KIT, front (4W1-W0045-20) .....	1	
8	91490-20015-00	. PIN, cotter .....	1	
9	1J3-W0048-00-00	. BLEED SCREW KIT .....	1	
10	4W1-25914-00-00	. PIN, slide .....	1	
11	90105-10308-00	BOLT (90101-10308) .....	2	
12	92901-10100-00	WASHER, spring .....	2	
13	92990-10200-00	WASHER, plain (92901-10200) .	2	

4U8110-2310

Minimum Brake Lining Thickness Front / Rear	0.8mm / 2.0mm
Tire Size (Nominal Pressure) Front / Rear	3.00H19 (1.8 kg/cm <sup>2</sup> ) / 110/90H18 (2.0 kg/cm <sup>2</sup> )

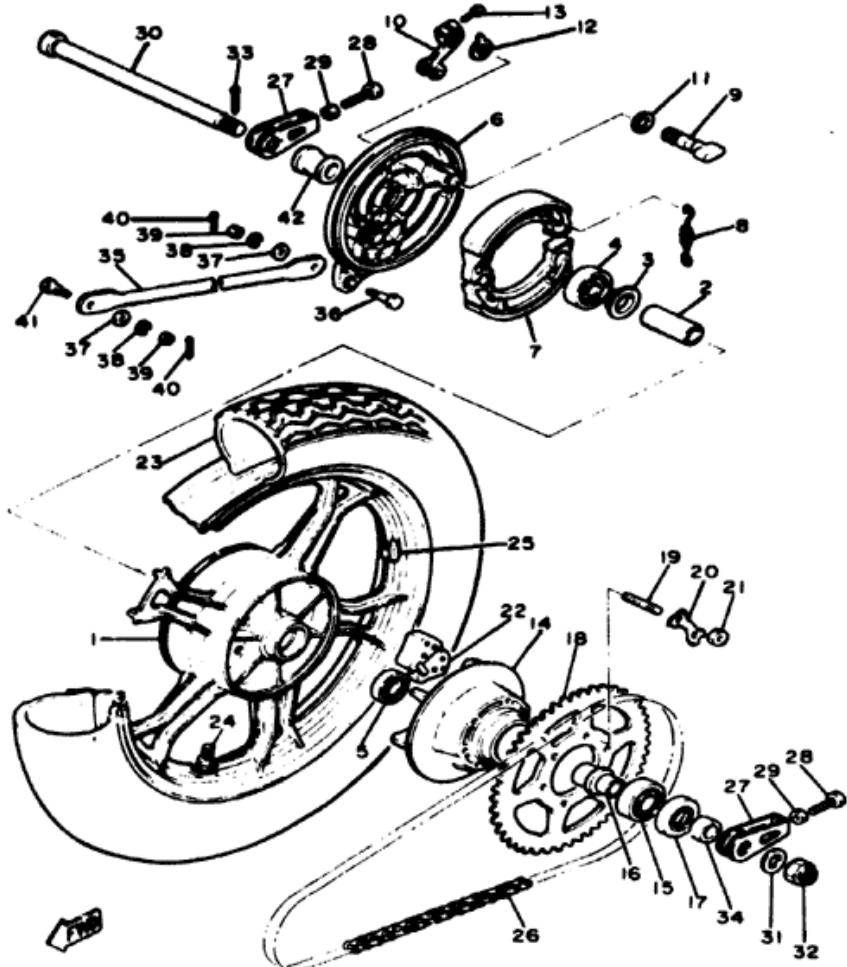
## REAR WHEEL



Ref. No.	Part Number	Description	Qty.	Remarks
1	4U8-25338-20-00	CAST WHEEL, rear.....	1	
2	90560-17125-00	SPACER .....	1	
3	148-25315-00-00	FLANGE, spacer .....	1	
4	93306-30306-00	BEARING (B6303).....	1	
5	93306-20310-00	BEARING (B6203RS).....	1	
6	4G0-25321-00-00	PLATE, brake shoe .....	1	
7	4G0-25330-00-00	BRAKE SHOE COMP. ....	2	
8	90507-20002-00	SPRING, tension .....	2	
9	4R4-25351-00-00	CAMSHAFT .....	1	
10	371-25355-02-00	LEVER, camshaft.....	1	
11	148-25353-00-00	SHIM, camshaft .....	1	
12	4G0-2533A-00-00	PLATE, indicator .....	1	
13	90101-06291-00	BOLT .....	1	
14	4G0-25366-00-00	CLUTCH, hub.....	1	
15	93306-30423-00	BEARING .....	1	
16	90387-176A0-00	COLLAR .....	1	
17	93102-30072-00	OIL SEAL .....	1	
18	4G0-25446-02-33	SPROCKET, driven (46T) (4G0-25446-00-33).....	1	Yamaha Black
19	90116-10348-00	BOLT, stud .....	6	
20	4G0-25412-00-00	WASHER .....	3	
21	90170-10219-00	NUT.....	6	
22	4G0-25364-00-00	DAMPER .....	6	

Minimum Brake Lining Thickness	Front: 0.8mm	Rear: 2.0mm
Tire Size (Nominal Pressure)	P-3.00-18 (1.76 kg/cm <sup>2</sup> /28 psi)	R-110/90-18 51H (2.89 kg/cm <sup>2</sup> /28 psi)
Rear Axle Nut	14 x 1.80: 10.7 m-kg	
Rear Axle Holder Nut	14 x 1.80: 10.7 m-kg	

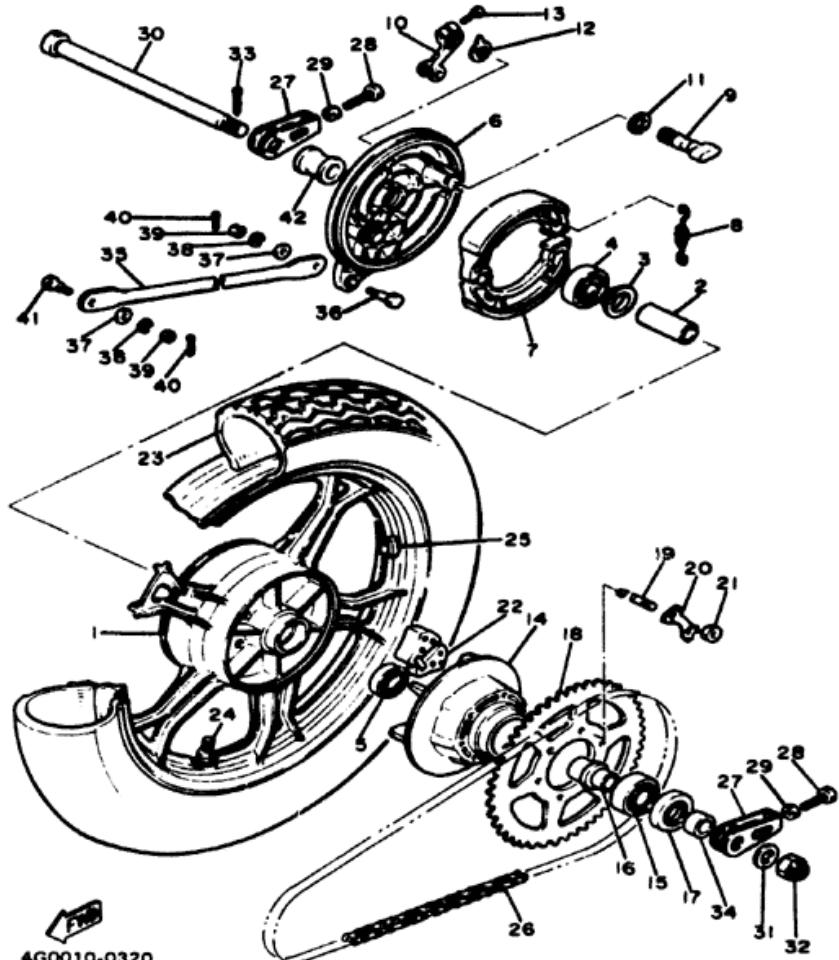
## REAR WHEEL



Ref. No.	Part Number	Description	Qty.	Remarks
23	94111-18448-00	TIRE (110/90-18) .....	1	Bridgestone
24	93900-00001-00	VALVE, rim.....	1	
25	1A1-25398-01-00	BALANCER, wheel (20G).....	1	U.N.
	1A1-25399-00-00	BALANCER, wheel (10G).....	1	U.N.
25	2M0-25399-00-00	BALANCER, wheel (30G).....	1	U.N.
26	94580-28104-00	CHAIN (DID50HDSS-104L).....	1	
27	4G0-25389-00-00	PULLER, chain 2.....	2	
28	90101-08034-00	BOLT .....	2	
29	95301-08700-00	NUT.....	2	
30	4G0-25381-00-00	AXLE, wheel.....	1	
31	92901-14200-00	WASHER, plain .....	1	
32	90171-14031-00	NUT, castle .....	1	
33	91401-30030-00	PIN, cotter .....	1	
34	90387-175A9-00	COLLAR .....	1	
35	4G0-25371-00-00	BAR, tension .....	1	
36	90109-08406-00	BOLT .....	1	
37	92901-08600-00	WASHER, plate .....	2	
38	92903-08100-00	WASHER, springs (92901-08100)	2	
39	95301-08700-00	NUT.....	2	
40	91401-20015-00	PIN, cotter (91401-20012) .....	2	
41	90109-08368-00	BOLT .....	1	
42	148-25383-00-00	COLLAR, wheel .....	1	

Minimum Brake Lining Thickness	Front: 0.8mm	Rear: 2.0mm
Tire Size (Nominal Pressure)	F:100-100 1.75 kg/cm <sup>2</sup> /28 psi	R:110/90-18 61H 2.00 kg/cm <sup>2</sup> /30 psi
Rear Axle Nut	14 x 1.50: 10.7 m-kg	
Rear Axle Holder Nut	14 x 1.50: 10.7 m-kg	

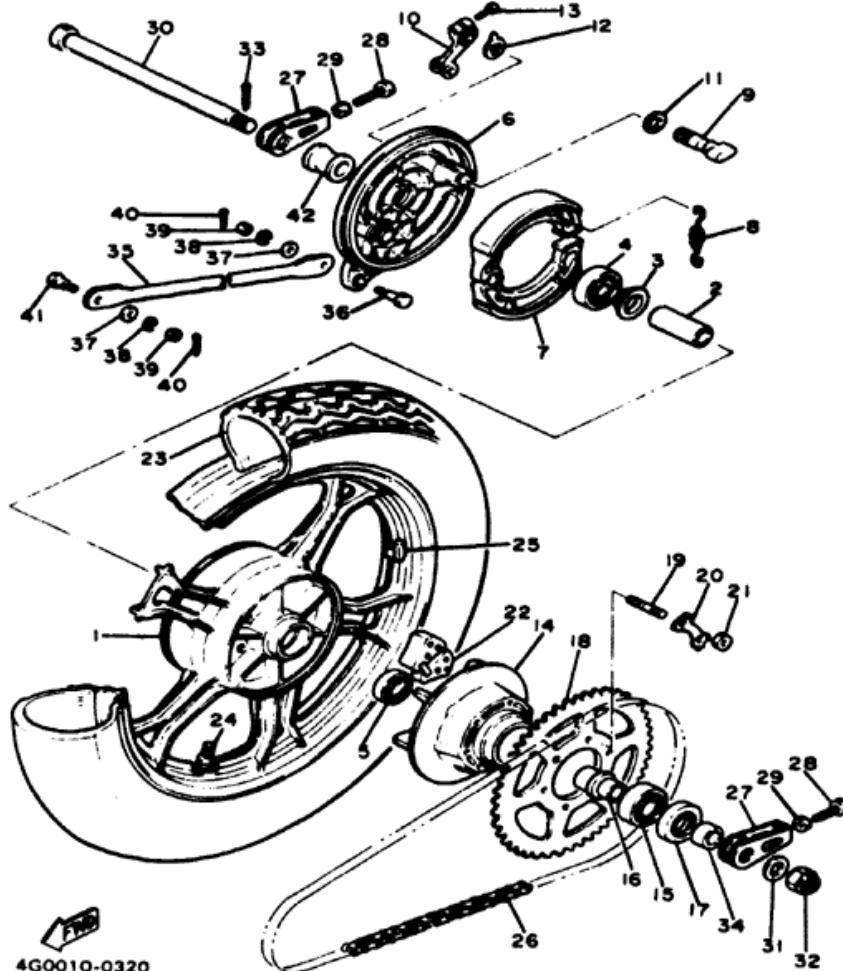
## REAR WHEEL



Ref. No.	Part Number	Description	Qty.	Remarks
1	4U8-25338-20-00	CAST WHEEL, rear .....	1	
2	90560-17125-00	SPACER .....	1	
3	1A1-25115-00-00	FLANGE, spacer (148-25315-00)	1	
4	93306-30306-00	BEARING (B6303).....	1	
5	93306-20310-00	BEARING (B6203RS).....	1	
6	4G0-25321-00-38	PLATE, brake shoe (4G0-25321-00-00).....	1	
7	4G0-W2536-00-00	BRAKE SHOE COMP.....	2	
8	90507-20002-00	SPRING, tension .....	2	
9	4R4-25351-00-00	CAMSHAFT .....	1	
10	371-25355-02-00	LEVER, camshaft.....	1	
11	148-25353-00-00	SHIM, camshaft .....	1	
12	3Y6-2533A-01-00	PLATE, indicator (4G0-2533A-00)	1	
13	90101-06291-00	BOLT .....	1	
14	4G0-25366-00-00	CLUTCH, hub.....	1	
15	93306-30416-00	BEARING (93306-30423).....	1	
16	90387-176A0-00	COLLAR .....	1	
17	93102-30072-00	OIL SEAL .....	1	
18	5K5-25445-20-33	SPROCKET, driven (45T) (4G0-25445-20-33).....	1	Yamaha Black
19	909116-10348-00	BOLT, stud .....	6	
20	4G0-25412-00-00	WASHER .....	3	
21	90170-10219-00	NUT.....	6	
22	4G0-25364-00-00	DAMPER .....	6	

Rear Axle Nut	14 x 1.50: 10.7 m·kg
Rear Axle Holder Nut	14 x 1.50: 10.7 m·kg
Minimum Brake Lining Thickness	Front: 0.8mm      Rear: 2.0mm
Tire Size (Nominal Pressure)	F:3.00-H19 (1.75 kg/cm <sup>2</sup> )      R:110/90-18 61H (2.00 kg/cm <sup>2</sup> )

## REAR WHEEL

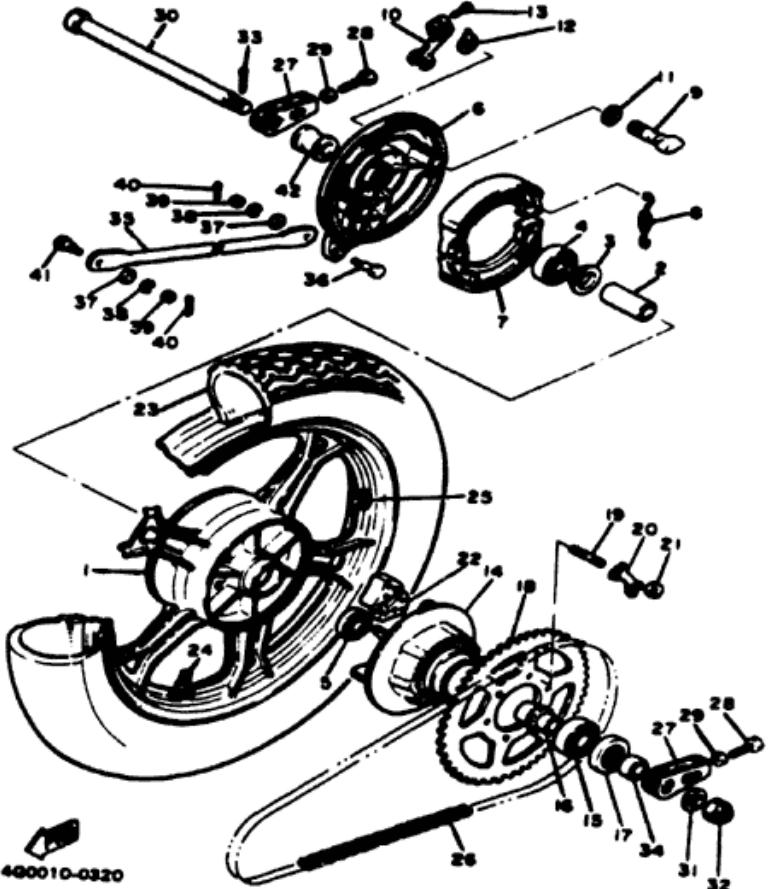


4G0010-0320

Ref. No.	Part Number	Description	Qty.	Remarks
23	94111-18448-00	TIRE (110/90-18) .....	1	U.R. Bridgestone
24	93900-00001-00	VALVE, rim (16024 101) .....	1	U.R. Bridgestone
25	1A1-25398-01-00	BALANCER, wheel (20G).....	1	UN
	1A1-25399-00-00	BALANCER, wheel (10G).....	1	UN
25	2M0-25399-00-00	BALANCER, wheel (30G).....	1	UN
26	94580-28104-00	CHAIN (DID50HDSS-104L).....	1	
27	4G0-25389-00-00	PULLER, chain 2 .....	2	
28	90101-08475-00	BOLT (90101-08034) .....	2	
29	95303-08700-00	NUT (95301-08700) .....	2	
30	4G0-25381-00-00	AXLE, wheel.....	1	
31	92990-14200-00	WASHER, plain (92901-14200)	1	
32	90171-14031-00	NUT, castle .....	1	
33	91401-30030-00	PIN, cotter .....	1	
34	90387-175A9-00	COLLAR .....	1	
35	4G0-25371-00-00	BAR, tension .....	1	
36	90109-08406-00	BOLT .....	1	
37	92901-08600-00	WASHER, plate .....	2	
38	92990-08100-00	WASHER, spring (92903-08100)	2	
39	95303-08700-00	NUT (95301-08700) .....	2	
40	91401-20015-00	PIN, cotter .....	2	
41	90109-08368-00	BOLT .....	1	
42	148-25383-00-00	COLLAR, wheel .....	1	

Rear Axle Nut	14 x 1.50: 10.7 m-kg
Rear Axle Holder Nut	14 x 1.50: 10.7 m-kg
Minimum Brake Lining Thickness	Front: 0.8mm      Rear: 2.0mm
Tire Size (Nominal Pressure)	F:3.00-H19 (1.75 kg/cm <sup>2</sup> )    R:110/90-18 61H (2.00 kg/cm <sup>2</sup> )

## REAR WHEEL

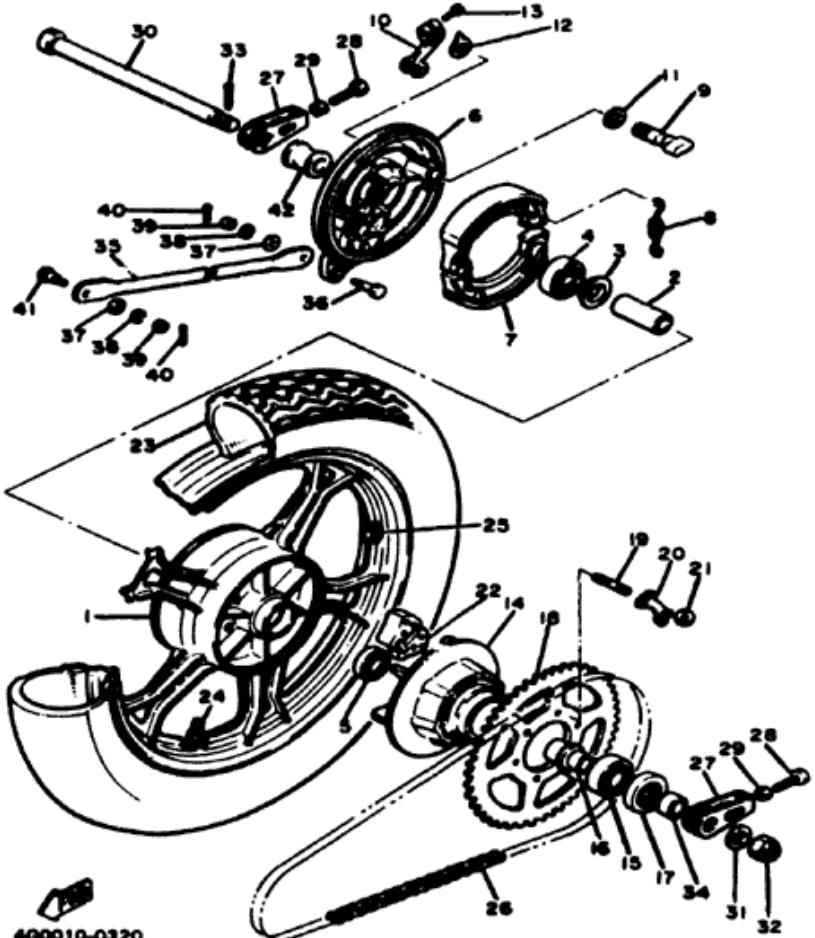


400010-0320

Ref. No.	Part Number	Description	Qty.	Remarks
1	4U8-25338-20-00	CAST WHEEL, rear .....	1	
2	90560-17125-00	SPACER .....	1	
3	148-25315-00-00	FLANGE, spacer (148-25315-00) .....	1	
4	93306-30306-00	BEARING (B6303) .....	1	
5	93306-20310-00	BEARING (B6203RS) .....	1	
6	4G0-25321-00-38	PLATE, brake shoe (4G0-25321-00) .....	1	
7	4G0-W2536-00-00	BRAKE SHOE COMP (4G0-25330-00) .....	2	
8	90507-20002-00	SPRING, tension .....	2	
9	4R4-25351-00-00	CAMSHAFT .....	1	
10	371-25355-02-00	LEVER, camshaft .....	1	
11	148-25353-00-00	SHIM, camshaft .....	1	
12	3Y6-2533A-01-00	PLATE, Indicator (4G0-2533A-00) .....	1	
13	90101-06291-00	BOLT .....	1	
14	4G0-25366-00-00	CLUTCH, hub .....	1	
15	93306-30416-00	BEARING (93306-30423) .....	1	
16	90387-176A0-00	COLLAR .....	1	
17	93102-30072-00	OIL SEAL .....	1	
18	5K5-25445-20-33	SPROCKET, driven (45T) (4G0-25445-20-33) .....	1	Yamaha Blk
19	90116-10348-00	BOLT, stud .....	6	
20	4G0-25412-00-00	WASHER .....	3	
21	90170-10219-00	NUT .....	6	

Minimum Brake Lining Thickness Front / Rear	0.8mm / 2.0mm
Tire Size (Nominal Pressure) Front / Rear	3.00H19 (1.8 kg/cm <sup>2</sup> ) / 110/90H18 (2.0 kg/cm <sup>2</sup> )
Rear Axle Nut	M14: 10.7 m·kg

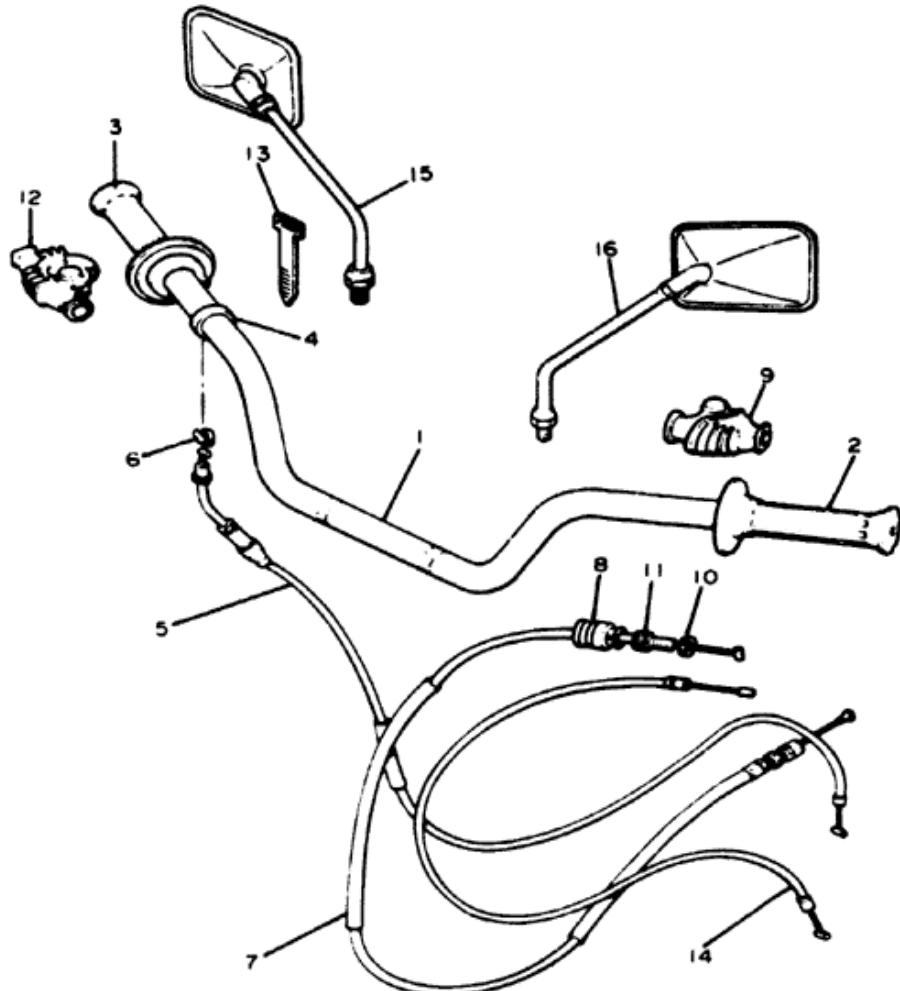
## REAR WHEEL



Ref. No.	Part Number	Description	Qty.	Remarks
22	4G0-25364-00-00	DAMPER .....	6	
23	94111-18448-00	TIRE (110/90-18) .....	1	Bridgestone
24	93900-00001-00	VALVE, rim (16024 101).....	1	Bridgestone
25	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
26	94580-28104-00	CHAIN (DID50HDSS-104L) .....	1	
27	4G0-25389-00-00	PULLER, chain 2 .....	2	
28	90101-08475-00	BOLT (90101-08034) .....	2	
29	95301-08700-00	NUT .....	2	
30	4G0-25381-00-00	AXLE, wheel .....	1	
31	92990-14200-00	WASHER, plain (92901-14200) .	1	
32	90171-14031-00	NUT, castle .....	1	
33	91401-30030-00	PIN, cotter .....	1	
34	90387-175A9-00	COLLAR .....	1	
35	4G0-24371-00-00	BAR, tension .....	1	
36	90109-08406-00	BOLT .....	1	
37	92901-08600-00	WASHER, plate .....	2	
38	92990-08100-00	WASHER, spring (92901-08100)	2	
39	95303-08700-00	NUT (95301-08700) .....	2	
40	91401-20015-00	PIN, cotter .....	2	
41	90109-0R368-00	BOLT .....	1	
42	148-25383-00-00	COLLAR, wheel .....	1	

Rear Axle Nut	M14-10 7 m-kg
Minimum Brake Lining Thickness Front / Rear	0.8mm / 2.0mm
Tire Size (Nominal Pressure) Front / Rear	3.00H19 (1.8 kg/cm <sup>2</sup> ) / 110/90H18 (2.0 kg/cm <sup>2</sup> )

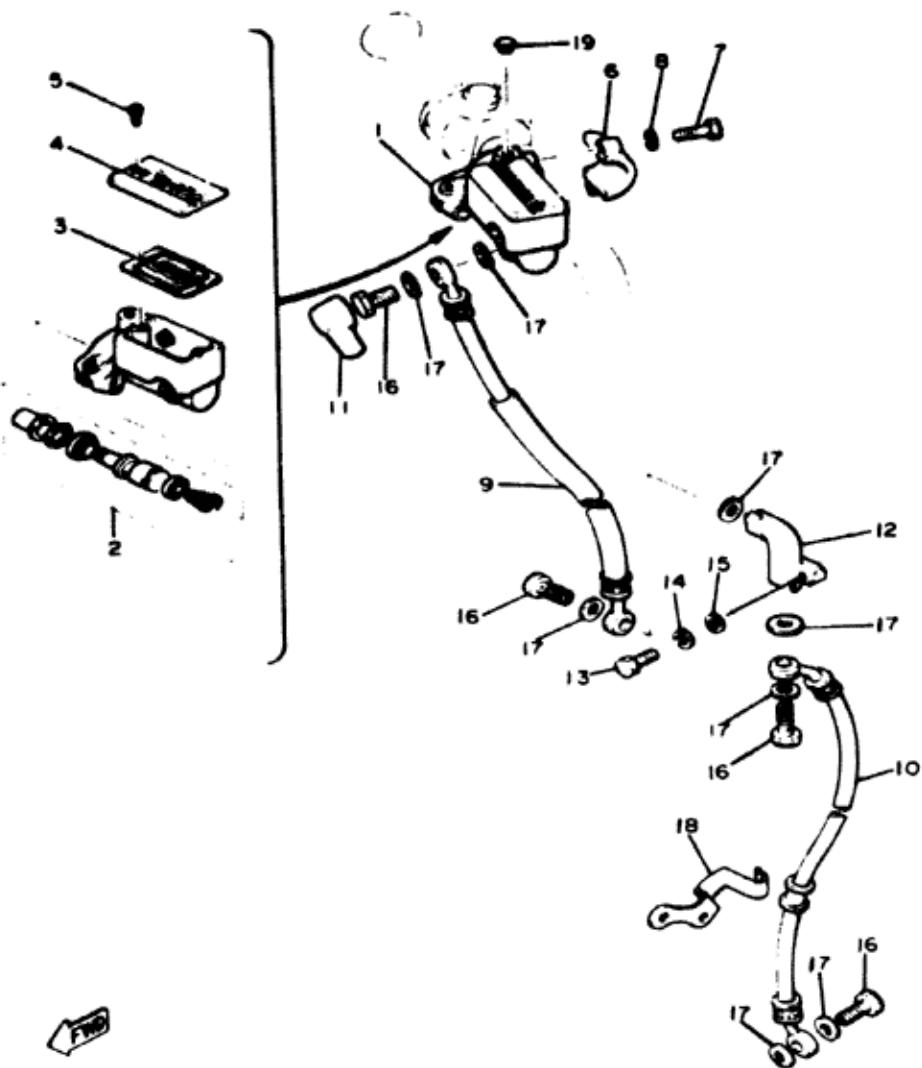
## HANDLEBAR · CABLE



Ref. No.	Part Number	Description	Qty.
1	2L0-26111-00-00	HANDLEBAR (278-26111-02) . . . . .	1
2	2H7-26241-00-00	GRIP (L.H) . . . . .	1
3	2H7-26240-00-00	GRIP ASS'Y . . . . .	1
4	90387-22660-00	COLLAR . . . . .	1
5	4U8-26311-00-00	CABLE, throttle 1 . . . . .	1
6	584-26393-02-00	HOLDER . . . . .	1
7	4U8-26335-00-00	CABLE, clutch . . . . .	1
8	1E6-26342-00-00	BOOT, cable . . . . .	1
9	1E6-26372-00-00	COVER, handle lever 1 . . . . .	1
10	90179-08148-00	NUT . . . . .	1
11	90123-08046-00	BOLT . . . . .	1
12	1T5-26372-00-00	COVER, handle lever 1 . . . . .	1
13	341-26397-01-00	BAND . . . . .	1
14	20X-26331-00-00	CABLE, starter 1 (4U8-26331-00)	1
15	4H7-26290-00-00	BACK MIRROR ASS'Y . . . . .	1
16	4H7-26290-10-00	BACK MIRROR ASS'Y . . . . .	1

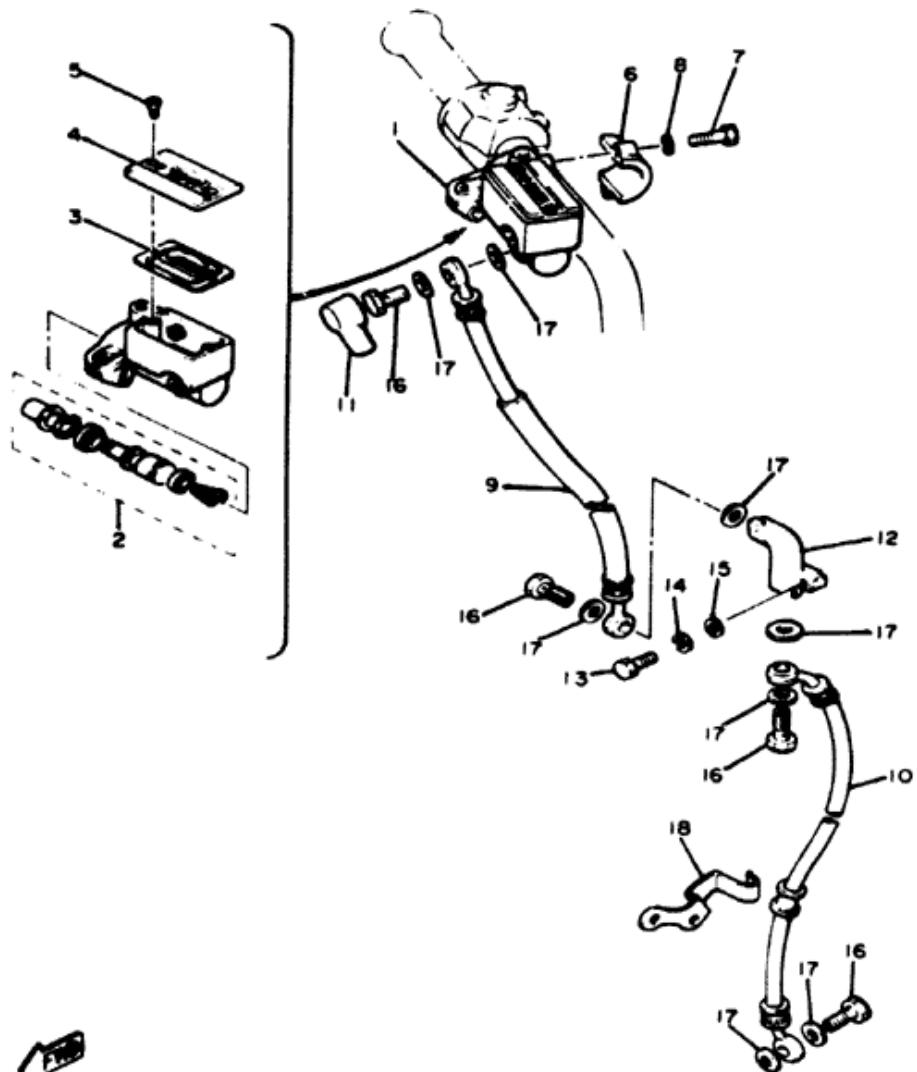
4U8110-2330

# FRONT MASTER CYLINDER



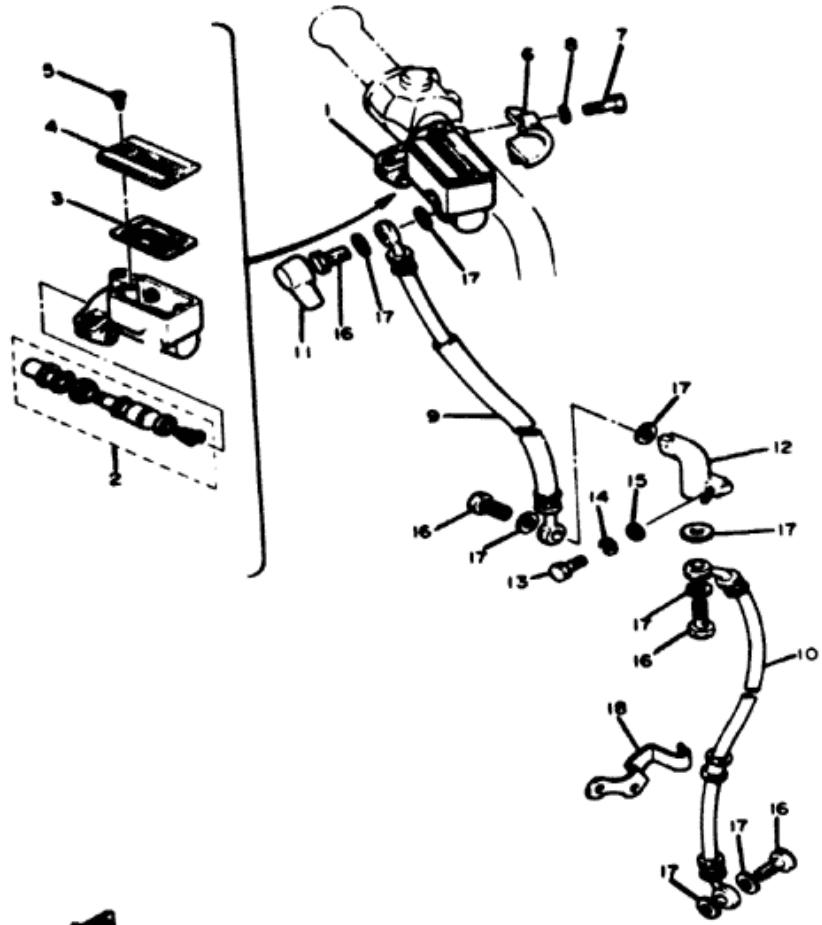
Ref. No.	Part Number	Description	Qty.
1	4L0-25850-02-00	MASTER CYLINDER ASS'Y.....	1
2	4L0-W0041-00-00	CYLINDER KIT, master.....	1
3	4L0-25854-00-00	DIAPHRAGM, reservoir.....	1
4	4L0-25852-00-00	CAP, reservoir.....	1
5	98706-04010-00	SCREW, flat head .....	2
6	4L0-25867-00-00	BRACKET, master cylinder .....	1
7	97326-06025-00	BOLT .....	2
8	92906-06100-00	WASHER, spring .....	2
9	4U8-25872-00-00	HOSE, brake 1.....	1
10	4U8-25873-00-00	HOSE, brake 2.....	1
11	4L0-25862-00-00	BOOT, master cylinder.....	1
12	1J7-25885-01-00	JOINT .....	1
13	97301-06025-00	BOLT .....	1
14	92903-06100-00	WASHER, spring (92901-06100)	1
15	92901-06600-00	WASHER, plate .....	1
16	90401-10034-00	BOLT, union .....	4
17	90201-10118-00	WASHER, plate .....	8
18	4E2-25876-00-00	HOLDER, brake hose 2 .....	1
19	90338-09012-00	PLUG .....	1

## FRONT MASTER CYLINDER



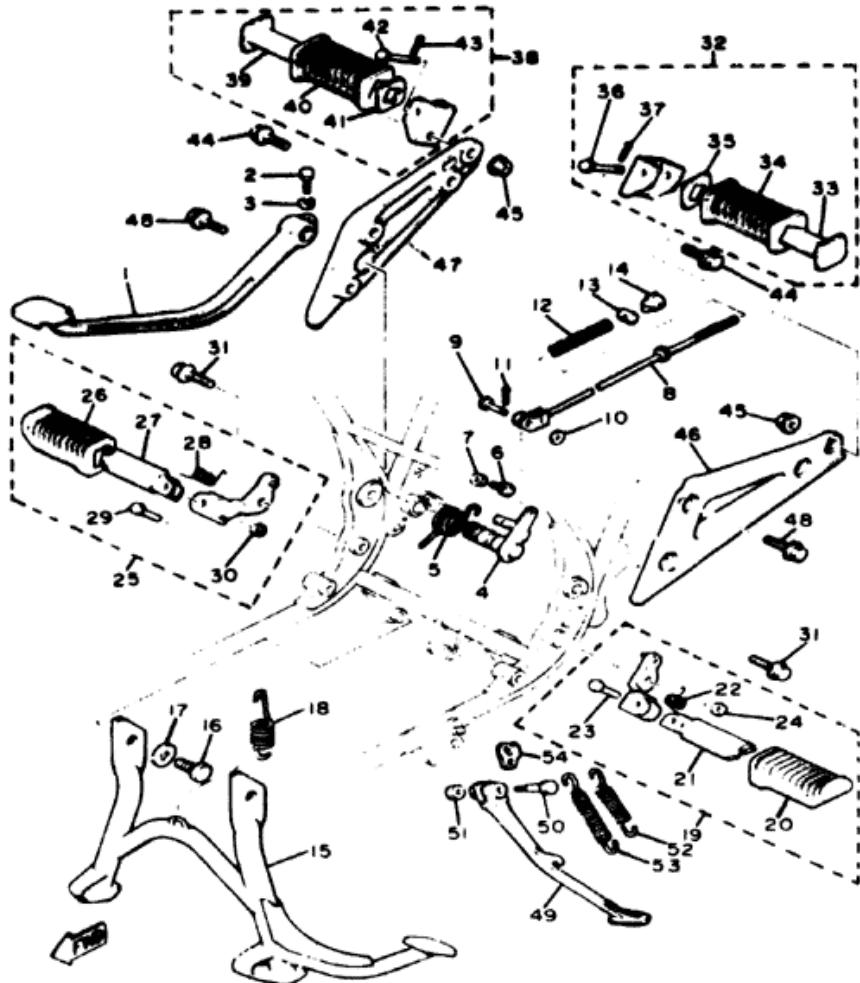
Ref. No.	Part Number	Description	Qty.
1	4L0-25850-02-00	MASTER CYLINDER ASS'Y.....	1
2	4L0-W0041-00-00	CYLINDER KIT, master.....	1
3	4L0-25854-00-00	DIAPHRAGM, reservoir.....	1
4	4L0-25852-00-00	CAP, reservoir.....	1
5	98706-04010-00	SCREW, flat head.....	2
6	4L0-25867-00-00	BRACKET, master cylinder.....	1
7	97006-06025-00	BOLT (97316-06025) .....	2
8	92906-06100-00	WASHER, spring.....	2
9	4UB-25872-00-00	HOSE, brake 1 .....	1
10	4UB-25873-00-00	HOSE, brake 2 .....	1
11	4L0-25882-00-00	BOOT, master cylinder .....	1
12	1J7-25885-01-00	JOINT .....	1
13	97001-06025-00	BOLT (97301-06025) .....	1
14	92990-06100-00	WASHER, spring (92903-06100)	1
15	92901-06600-00	WASHER, plate .....	1
16	90401-10034-00	BOLT, union .....	4
17	90201-10118-00	WASHER, plate .....	8
18	4E2-25876-00-00	HOLDER, brake hose 2 .....	1

## FRONT MASTER CYLINDER



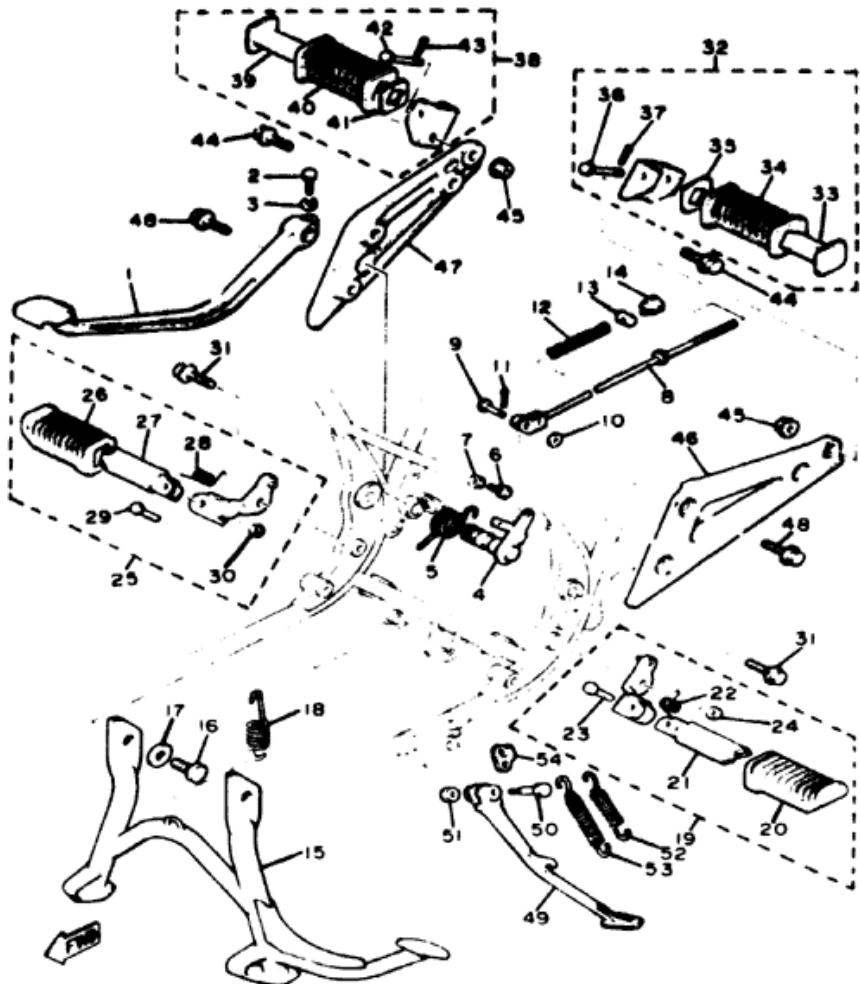
Ref. No.	Part Number	Description	Qty.	Remarks
1	2RJ-25870-00-00	MASTER CYLINDER ASS'Y (4L0-25850-02) . . . . .	1	
2	23L-W0041-00-00	CYLINDER KIT, master (4L0-W0041-00) . . . . .	1	
3	4L0-25854-00-00	DIAPHRAGM, reservoir . . . . .	1	
4	4H7-25852-00-00	CAP, reservoir (4L0-25852-00) . . . . .	1	
5	98706-04012-00	SCREW, flat head . . . . .	2	
6	4L0-25867-00-00	BRACKET, master cylinder . . . . .	1	
7	97016-06025-00	BOLT (97326-06025) . . . . .	2	
8	92906-06100-00	WASHER, spring . . . . .	2	
9	4U8-25872-00-00	HOSE, brake 1 . . . . .	1	
10	4U8-25873-00-00	HOSE, brake 2 . . . . .	1	
11	4L0-25862-00-00	BOOT, master cylinder . . . . .	1	
12	1J7-25885-01-00	JOINT . . . . .	1	
13	97001-06025-00	BOLT (97301-06025) . . . . .	1	
14	92990-06100-00	WASHER, spring (92901-06100) . . . . .	1	
15	92901-06600-00	WASHER, plate . . . . .	1	
16	90401-10034-00	BOLT, union . . . . .	4	
17	90201-10118-00	WASHER, plate . . . . .	8	
18	4E2-25876-00-00	HOLDER, brake hose 2 . . . . .	1	

## STAND - FOOTREST



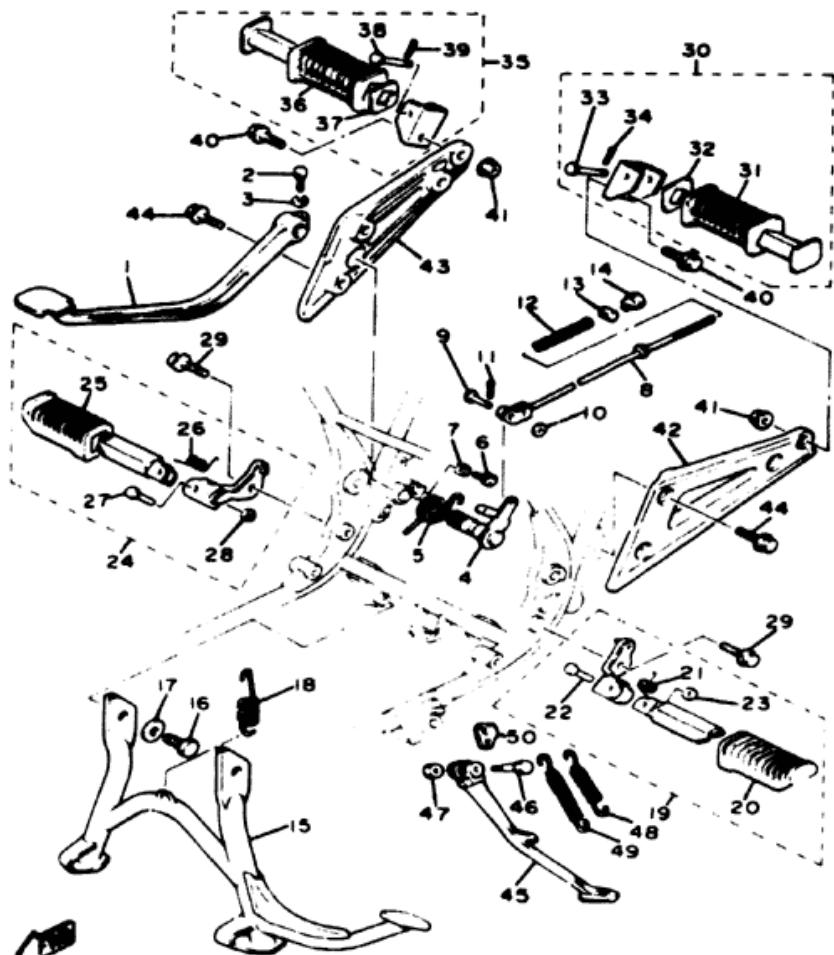
Ref. No.	Part Number	Description	Qty.	Remarks
1	4G0-27211-00-00	PEDAL, brake.....	1	
2	90109-06468-00	BOLT.....	1	
3	92903-06100-00	WASHER, spring (92901-06100)	1	
4	4G0-27212-00-00	SHAFT, brake pedal .....	1	
5	90508-40364-00	SPRING, torsion .....	1	
6	90153-06008-00	SCREW, hexagon .....	1	
7	90170-06184-00	NUT.....	1	
8	4G0-27231-00-00	ROD, brake.....	1	
9	90240-06040-00	PIN, clevis .....	1	
10	92903-06200-00	WASHER, plain (92901-06200)	1	
11	91401-20015-00	PIN, cotter (91401-20012) .....	1	
12	90501-10245-00	SPRING, compression .....	1	
13	90249-12008-00	PIN .....	1	
14	90179-06176-00	NUT.....	1	
15	4G0-27111-00-R4	STAND, main.....	1	Black
16	97302-10016-00	BOLT.....	2	
17	90201-10752-00	WASHER, plate.....	2	
18	90506-40251-00	SPRING, tension.....	1	
19	4G0-27410-00-R4	FRONT FOOTREST ASS'Y (L.H.)	1	Black
20	1J7-27413-01-00	. COVER, footrest.....	1	
21	1T3-27451-00-00	. FOOTREST .....	1	
22	90508-20023-00	. SPRING, torsion.....	1	
23	90243-08006-00	. PIN.....	1	
24	90201-06042-00	. WASHER, plate .....	1	
25	4G0-27420-00-R4	FRONT FOOTREST ASS'Y (R.H.)	1	Black
26	1J7-27413-01-00	. COVER, footrest.....	1	
27	1T3-27461-00-00	. FOOTREST .....	1	
28	90508-20023-00	. SPRING, torsion.....	1	

## STAND - FOOTREST



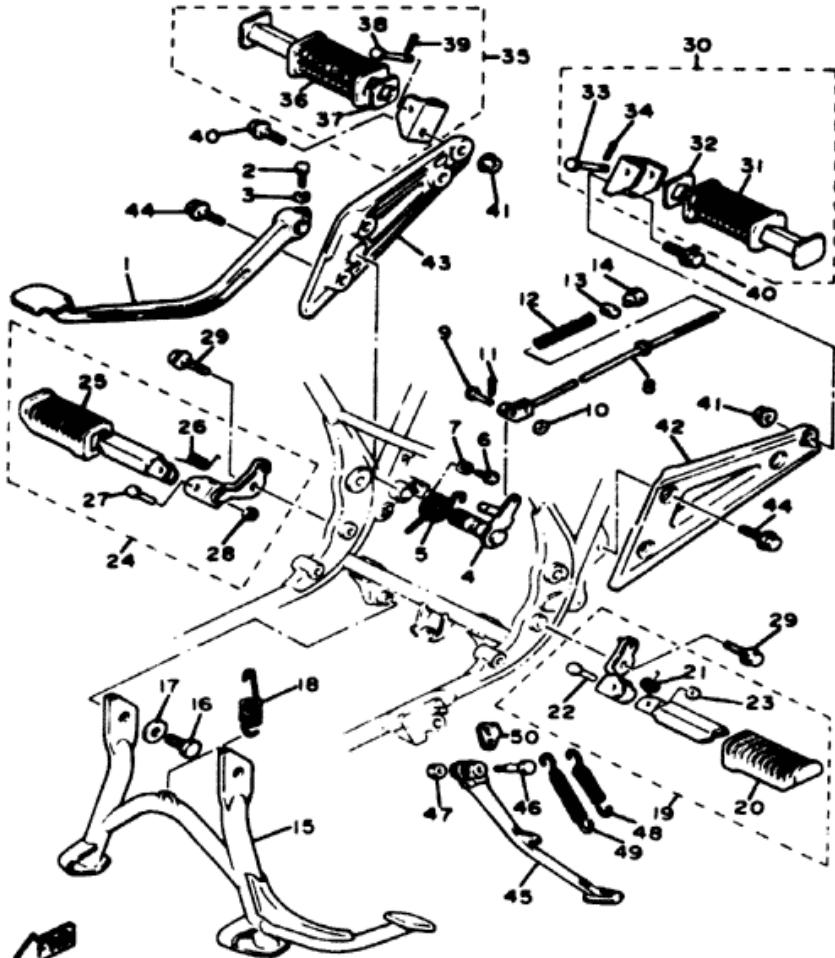
Ref. No.	Part Number	Description	Qty.	Remarks
29	90243-08008-00	. PIN .....	1	
30	90201-08042-00	. WASHER, plate .....	1	
31	95821-12030-00	BOLT, flange.....	2	
32	4G0-27430-00-00	REAR FOOTREST ASS'Y 1 .....	1	
33	447-27431-00-00	. FOOTREST, rear 1 .....	1	
34	447-27433-00-00	. COVER, rear footrest.....	1	
35	90209-18070-00	. WASHER .....	1	
36	90240-08042-00	. PIN, clevis.....	1	
37	91401-16015-00	. PIN, cotter (91401-16012)....	1	
38	4G0-27440-00-00	REAR FOOTREST ASS'Y 2 .....	1	
39	447-27441-00-00	. FOOTREST, rear 2 .....	1	
40	447-27433-00-00	. COVER, rear footrest.....	1	
41	90209-18070-00	. WASHER .....	1	
42	90240-08042-00	. PIN, clevis.....	1	
43	91401-16015-00	. PIN, cotter (91401-16012)....	1	
44	95801-10030-00	BOLT, flange.....	2	
45	95701-10100-00	NUT, flange .....	2	
46	4G0-27442-00-00	BRACKET 2 .....	1	
47	4G0-27443-00-00	BRACKET 3 .....	1	
48	95801-10030-00	BOLT, flange.....	4	
49	4G0-27311-00-R4	STAND, side.....	1	
50	90109-10473-00	BOLT .....	1	
51	95301-10700-00	NUT .....	1	
52	90506-18224-00	SPRING, tension.....	1	
53	90506-26225-00	SPRING, tension.....	1	
54	4U8-27315-00-00	LINK, side stand .....	1	Black

## STAND · FOOTREST



Ref. No.	Part Number	Description	Qty.	Remarks
1	4G0-27211-00-00	PEDAL, brake.....	1	
2	90109-06468-00	BOLT.....	1	
3	92990-06100-00	WASHER, spring (92903-06100)	1	
4	4G0-27212-00-00	SHAFT, brake pedal .....	1	
5	90508-40364-00	SPRING, torsion .....	1	
6	90153-06008-00	SCREW, hexagon .....	1	
7	90170-06184-00	NUT.....	1	
8	4G0-27231-00-00	ROD, brake.....	1	
9	90240-06040-00	PIN, clevis .....	1	
10	92990-06200-00	WASHER, plain (92903-06200)	1	
11	91401-20015-00	PIN, cotter .....	1	
12	90501-10245-00	SPRING, compression .....	1	
13	90249-12008-00	PIN .....	1	
14	90179-06176-00	NUT.....	1	
15	4G0-27111-00-R4	STAND, main .....	1	Black
16	97322-10016-00	BOLT (97302-10016) .....	2	
17	90201-10752-00	WASHER, plate .....	2	
18	90506-40251-00	SPRING, tension .....	1	
19	4G0-27410-00-R4	FRONT FOOTREST ASS'Y (L.H)	1	Black
20	4L0-27423-00-00	. COVER, footrest (1J7-27413-01)	1	
21	90508-20023-00	. SPRING, torsion.....	1	
22	90243-08006-00	. PIN .....	1	
23	90201-06042-00	. WASHER, plate .....	1	
24	4G0-27420-00-R4	FRONT FOOTREST ASS'Y (R.H)	1	Black
25	4L0-27423-00-00	. COVER, footrest (1J7-27413-01)	1	

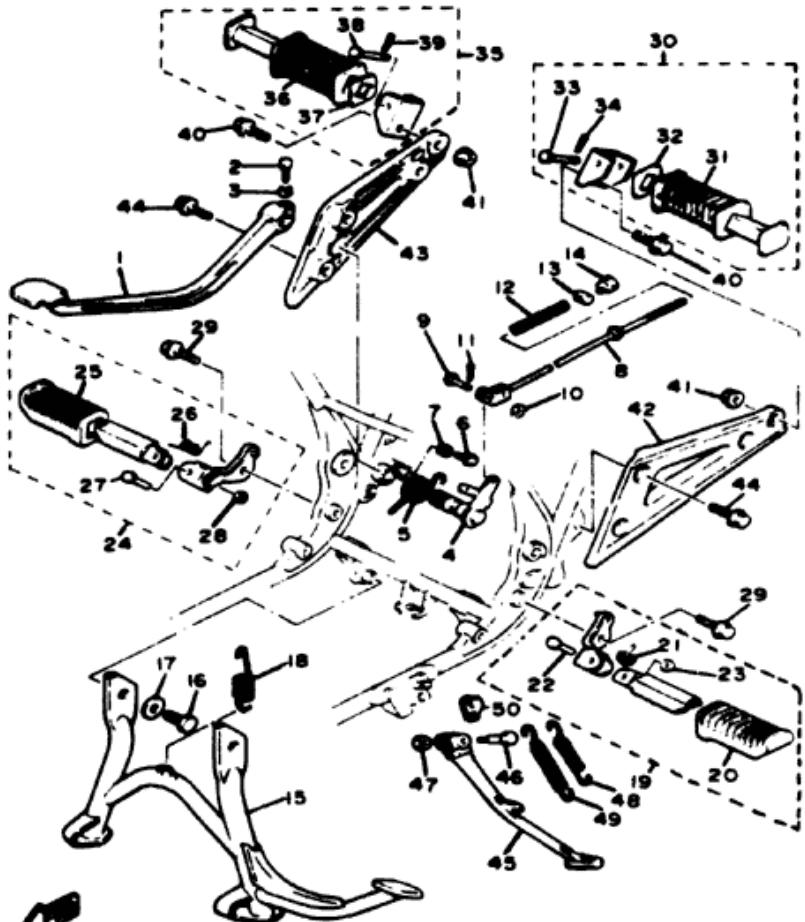
## STAND · FOOTREST



4UB110-2350

Ref. No.	Part Number	Description	Qty.	Remarks
26	90508-20023-00	. SPRING, torsion.....	1	
27	90243-08006-00	. PIN.....	1	
28	90201-06042-00	. WASHER, plate .....	1	
29	95821-12030-00	. BOLT, flange.....	2	
30	4G0-27430-00-00	<b>REAR FOOTREST ASS'Y 1</b> .....	1	
31	447-27433-00-00	. COVER, rear footrest.....	1	
32	90209-18070-00	. WASHER.....	1	
33	90240-06042-00	. PIN, clevis.....	1	
34	91401-16015-00	. PIN, cotter (91401-16012)....	1	
35	4G0-27440-00-00	<b>REAR FOOTREST ASS'Y 2</b> .....	1	
36	447-27433-00-00	. COVER, rear footrest.....	1	
37	90209-18070-00	. WASHER.....	1	
38	90240-06042-00	. PIN, clevis.....	1	
39	91401-16015-00	. PIN, cotter (91401-16012)....	1	
40	95801-10030-00	BOLT, flange.....	2	
41	95701-10500-00	NUT, flange .....	2	
42	4U8-27442-00-00	BRACKET 2 .....	1	
43	4U8-27443-00-00	BRACKET 3 .....	1	
44	95821-10030-00	BOLT, flange.....	4	
45	4G0-27311-00-R4	STAND, side.....	1	Black
46	90109-10590-00	BOLT .....	1	
47	95303-10700-00	NUT (95301-10700) .....	1	
48	90506-18224-00	SPRING, tension.....	1	
49	90506-26225-00	SPRING, tension.....	1	
50	4U8-27315-00-00	LINK, side stand .....	1	

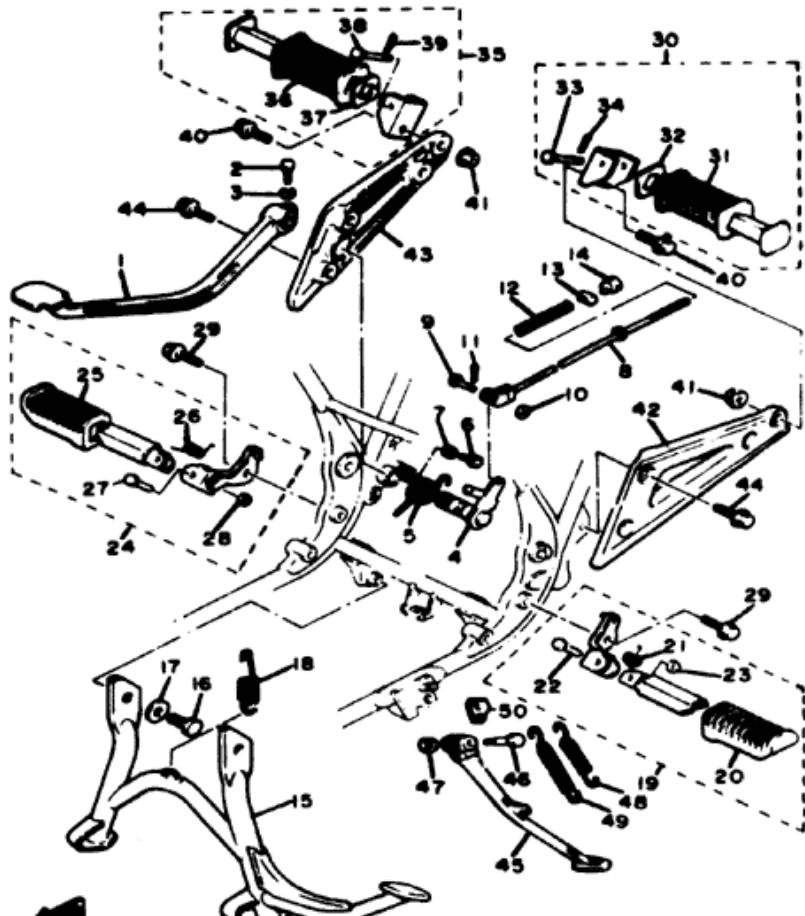
## STAND - FOOTREST



4U8110-2350

Ref. No.	Part Number	Description	Qty.	Remarks
1	4G0-27211-00-00	PEDAL, brake .....	1	
2	90109-06468-00	BOLT .....	1	
3	92990-06100-00	WASHER, spring (92901-06100) .....	1	
4	4G0-27212-00-00	SHAFT, brake pedal .....	1	
5	90508-40364-00	SPRING, torsion .....	1	
6	90153-06008-00	SCREW, hexagon .....	1	
7	90170-06184-00	NUT .....	1	
8	4G0-27231-00-00	ROD, brake .....	1	
9	90240-06040-00	PIN, clevis .....	1	
10	92990-06200-00	WASHER, plain (92901-06200) .....	1	
11	91401-20015-00	PIN, cotter .....	1	
12	90501-10245-00	SPRING, compression .....	1	
13	90249-12008-00	PIN .....	1	
14	90179-06176-00	NUT .....	1	
15	4G0-27111-00-R4	STAND, main .....	1	Black
16	97011-10016-00	BOLT (97302-10016) .....	2	
17	90201-10752-00	WASHER, plate .....	2	
18	90508-40251-00	SPRING, tension .....	1	
19	4G0-27410-00-R4	FRONT FOOTREST ASS'Y (L.H.) .....	1	Black
20	4L0-27423-00-00	. COVER, footrest (1J7-27413-01) .....	1	
21	90508-20023-00	. SPRING, torsion .....	1	
22	90243-08006-00	. PIN .....	1	
23	90201-06042-00	. WASHER, plate .....	1	
24	4G0-27420-00-R4	FRONT FOOTREST ASS'Y (R.H.) .....	1	Black
25	4L0-27423-00-00	. COVER, footrest (1J7-27413-01) .....	1	

## STAND - FOOTREST

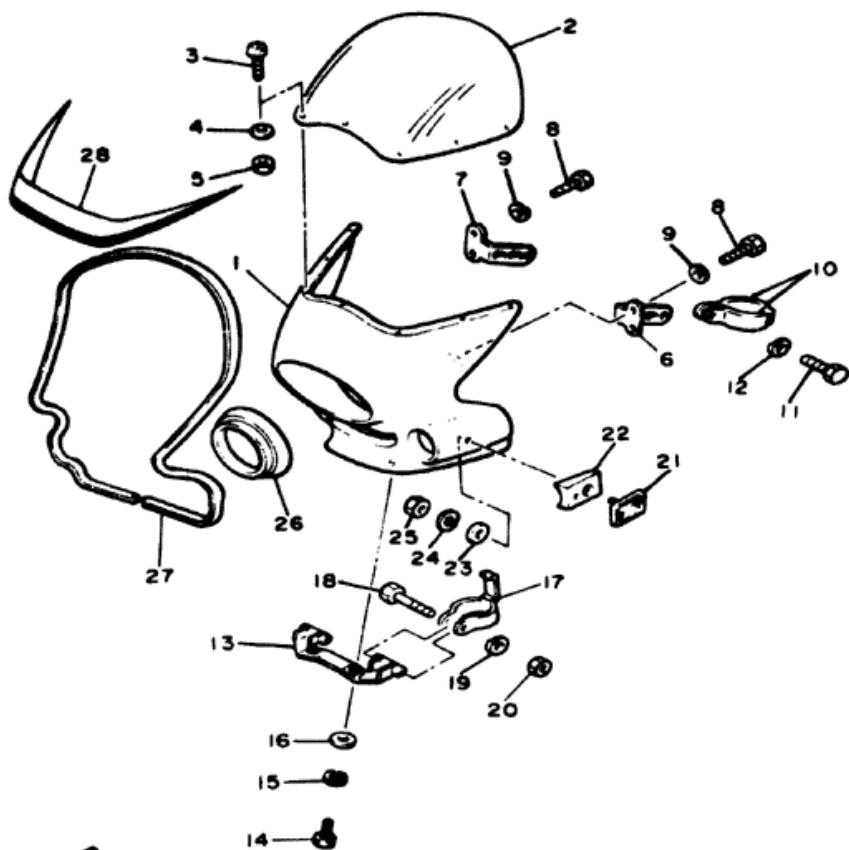


4U8110-2360

Ref. No.	Part Number	Description	Qty.	Remarks
26	90508-20023-00	. SPRING, torsion .....	1	
27	90243-08006-00	. PIN .....	1	
28	90201-06042-00	. WASHER, plate .....	1	
29	95821-12030-00	BOLT, flange .....	2	
30	4G0-27430-00-00	REAR FOOTREST ASS'Y 1 .....	1	
31	447-27433-00-00	. COVER, rear footrest .....	1	
32	90209-18070-00	. WASHER .....	1	
33	90240-06042-00	. PIN, clevis .....	1	
34	91401-16012-00	. PIN, cotter .....	1	
35	4G0-27440-00-00	REAR FOOTREST ASS'Y .....	1	
36	447-27433-00-00	. COVER, rear footrest .....	1	
37	90209-18070-00	. WASHER .....	1	
38	90240-06042-00	. PIN, clevis .....	1	
39	91401-16012-00	. PIN, cotter .....	1	
40	95811-10030-00	BOLT, flange (95801-10030) ...	2	
41	95701-10500-00	NUT, flange .....	2	
42	4U8-27442-00-00	BRACKET 2 .....	1	
43	4U8-27443-00-00	BRACKET 3 .....	1	
*44	95811-10030-00	BOLT, flange (95821-10030) ...	4	
45	4G0-27311-00-R4	STAND, side .....	1	Black
46	90109-10590-00	BOLT .....	1	
47	95303-10700-00	NUT (95301-10700) .....	1	
48	90506-18224-00	SPRING, tension .....	1	
49	90506-26225-00	SPRING, tension .....	1	
50	2KT-27315-00-00	LINK, side stand (4U8-27315-00) ..	1	

\*Indicates new part numbers activated from March, 1990.

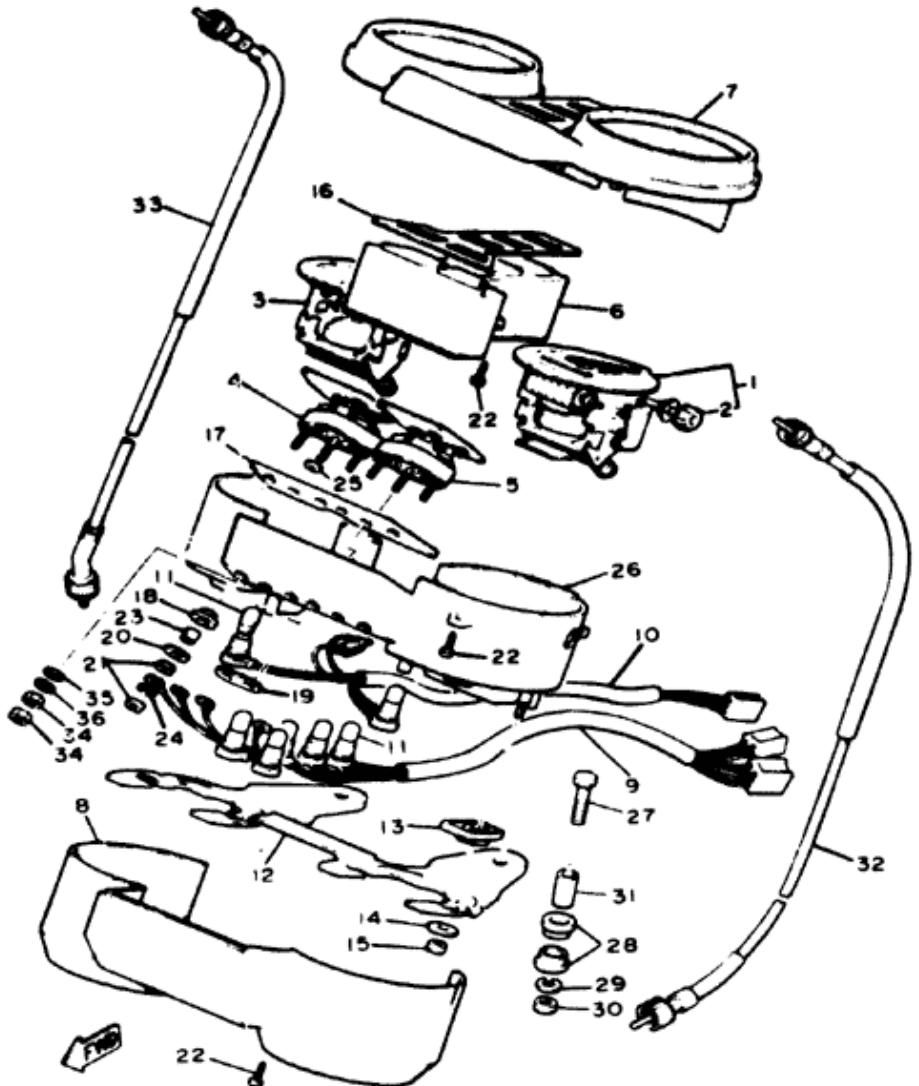
## FAIRING-COWLING



4U8110-2360

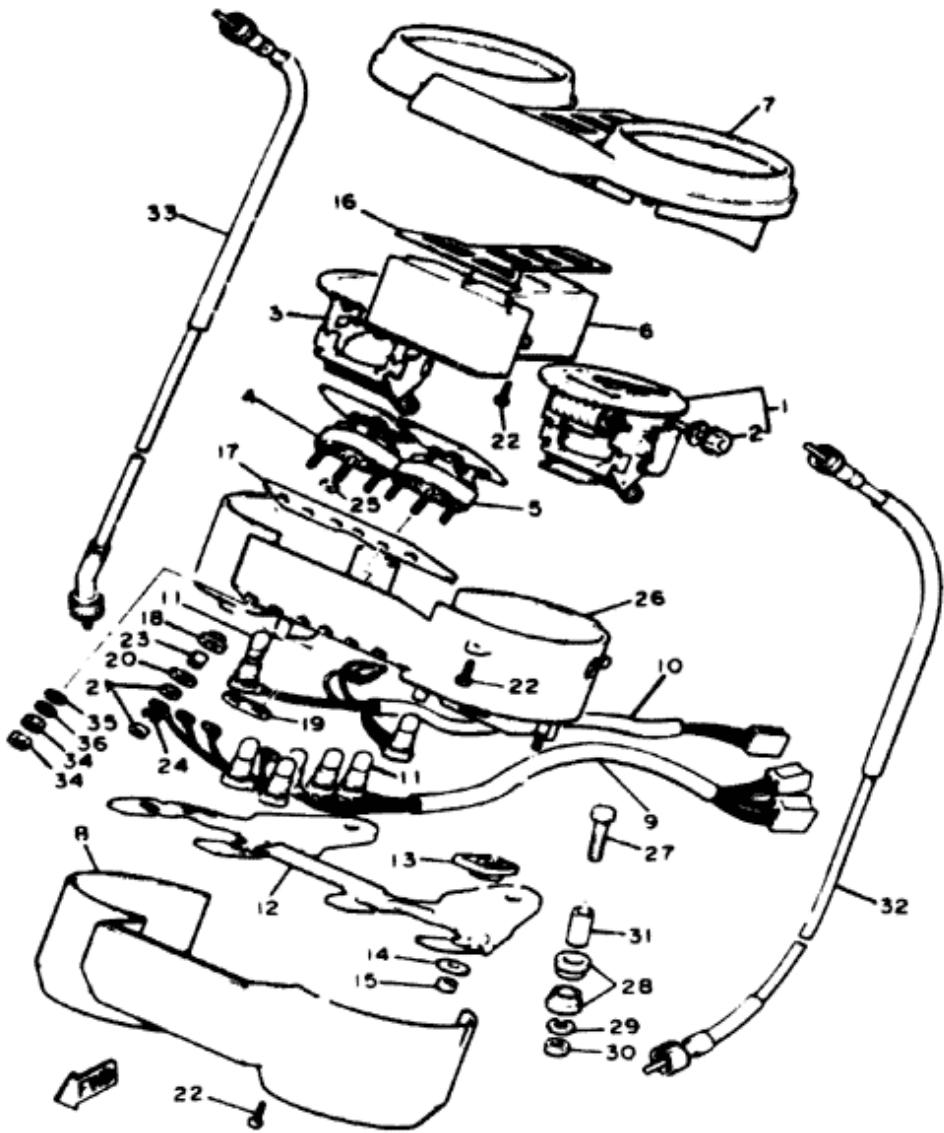
Ref. No.	Part Number	Description	Qty.	Remarks
1	4U8-28351-00-T5	BODY, cowling.....	1	Maxim Red
2	4U8-28381-00-00	WINDSHIELD .....	1	
3	90157-05020-00	SCREW, pan head.....	7	
4	90202-05123-00	WASHER, plate .....	7	
5	90170-05277-00	NUT.....	7	
6	4U8-28358-00-00	STAY 3 .....	1	
7	4U8-28359-00-00	STAY 2 .....	1	
8	97313-06016-00	BOLT (97301-06016) .....	4	
9	92990-06100-00	WASHER, spring (92903-06100)	4	
10	4U8-28366-00-00	BRACKET.....	2	
11	97016-08020-00	BOLT (97306-08020) .....	2	
12	92906-06100-00	WASHER, spring .....	2	
13	4U8-28357-00-00	STAY 2 .....	1	
14	97316-06020-00	BOLT (97306-06020) .....	2	
15	92906-06100-00	WASHER, spring .....	2	
16	90201-06059-00	WASHER, plate .....	2	
17	4U8-28367-00-00	BRACKET.....	2	
18	97313-08050-00	BOLT (97301-08050) .....	2	
19	92990-08100-00	WASHER, spring (92903-08100)	2	
20	95303-08600-00	NUT (95301-08600) .....	2	
21	4X7-85110-00-00	FRONT REFLECTOR ASS'Y.....	2	
22	4U8-28371-00-00	DAMPER .....	2	
23	92990-05200-00	WASHER (92901-05200).....	2	
24	92990-05100-00	WASHER, spring (92903-05100)	2	
25	95301-05600-00	NUT (95302-05600) .....	2	
26	4U8-28372-00-00	DAMPER .....	1	
27	4U8-28376-00-00	TRIM.....	1	
28	4U8-28391-20-00	GRAPHIC, cowling 1 .....	1	

# METER



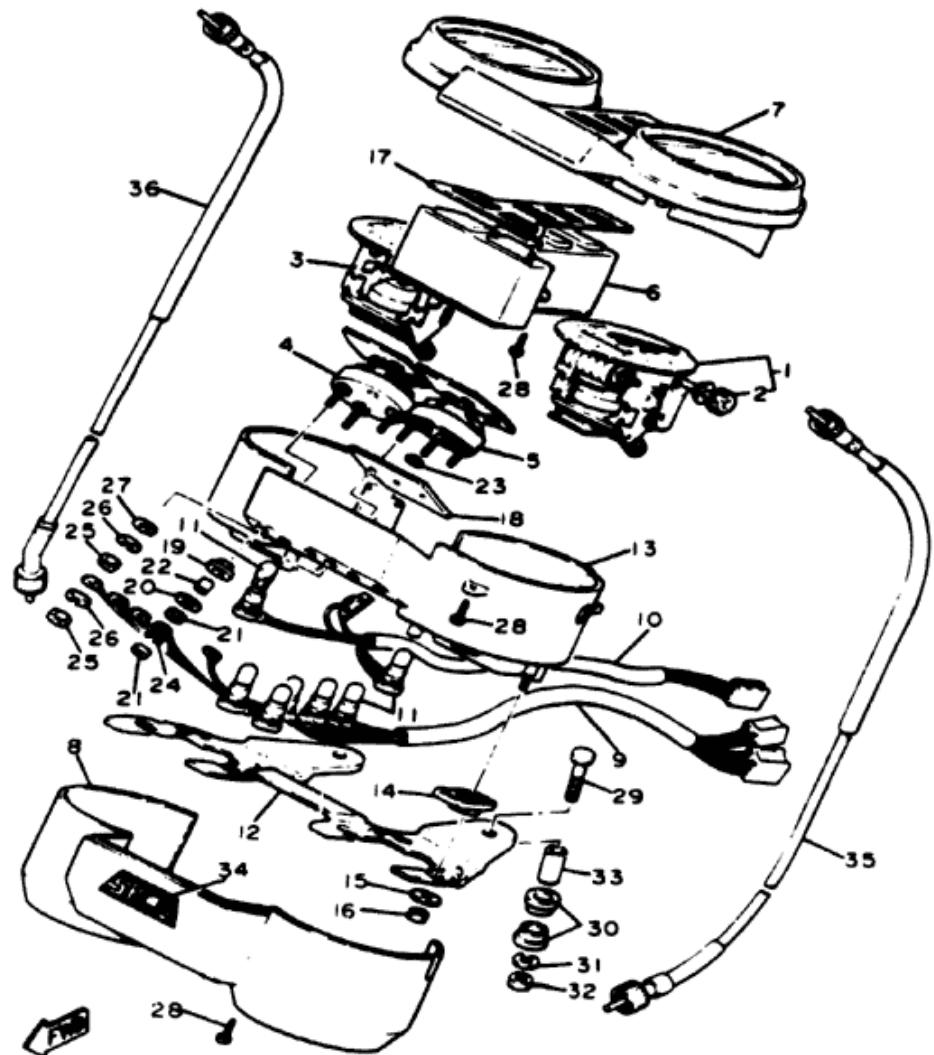
Ref. No.	Part Number	Description	Qty.
1	4U8-83570-A0-00	SPEEDOMETER ASS'Y .....	1
2	4U8-83578-00-00	. KNOB, trip meter .....	1
3	4U8-83540-00-00	TACHOMETER ASS'Y .....	1
4	4U8-85750-00-00	FUEL METER ASS'Y.....	1
5	4G0-83503-00-00	VOLTMETER ASS'Y .....	1
6	4G0-83569-00-00	PILOT BOX, lower.....	1
7	4G0-83559-00-00	COVER, meter .....	1
8	4G0-83579-00-00	COVER, meter 2 .....	1
9	4U8-83509-00-00	SOCKET CORD ASS'Y.....	1
10	4U8-83520-00-00	SOCKET ASS'Y .....	1
11	4G1-84744-00-00	BULB (12V-3.4W)(4R0-83517-00)	7
12	4G0-83519-00-00	BRACKET, meter.....	1
13	4H7-83523-00-00	DAMPER.....	4
14	1E6-83524-60-00	WASHER, special .....	4
15	95301-05600-00	NUT.....	4
16	4G0-83589-00-00	GASKET .....	1
17	4U8-83523-00-00	DAMPER.....	1
18	4G0-83526-00-00	DAMPER 2.....	6
19	4G0-83524-00-00	WASHER, special .....	1
20	92901-04200-00	WASHER, plain .....	4

# METER



Ref. No.	Part Number	Description	Qty.
21	95301-04700-00	NUT.....	11
22	4H7-83616-00-00	SCREW.....	12
23	4G0-83522-00-00	COLLAR .....	3
24	92901-04100-00	WASHER, spring.....	4
25	4G0-83566-00-00	WASHER, special .....	1
26	4UB-8353H-00-00	CASE, inner .....	1
27	97306-06040-00	BOLT .....	2
28	584-83541-00-00	DAMPER.....	4
29	2 903-06100-00	WASHER, spring (92901-06100)	2
30	95301-06600-00	NUT.....	2
31	90387-06249-00	COLLAR .....	2
32	4G0-83550-00-00	SPEEDOMETER CABLE ASS'Y	1
33	4G0-83560-00-00	TACHOMETER CABLE ASS'Y...	1
34	95301-03700-00	NUT.....	6
35	92901-03200-00	WASHER, plain .....	3
36	92903-03100-00	WASHER, spring (92901-03100)	3

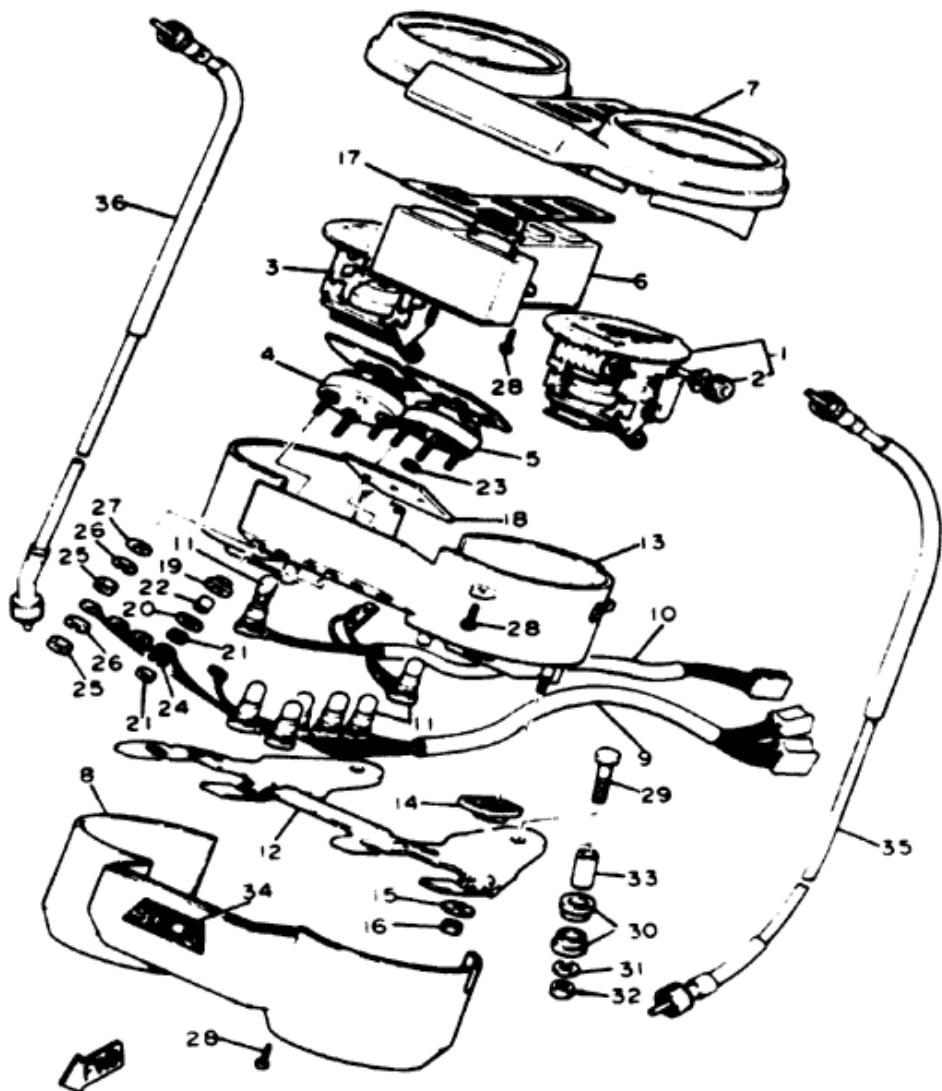
## METER



4U8110 2380

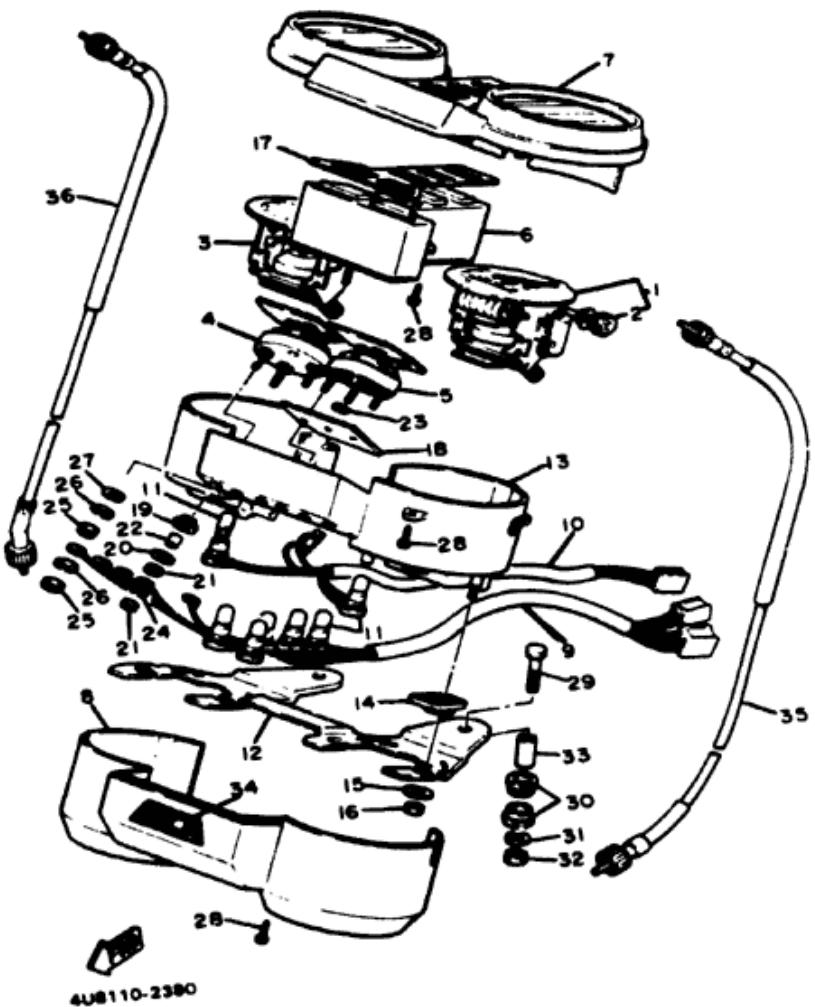
Ref. No.	Part Number	Description	Qty.
1	4U8-83570-A0-00	SPEEDOMETER ASS'Y .....	1
2	4U8-83578-00-00	. KNOB, trip meter .....	1
3	4U8-83540-00-00	TACHOMETER ASS'Y .....	1
4	4U8-85750-00-00	FUEL METER ASS'Y .....	1
5	4G0-83503-00-00	VOLTMETER ASS'Y .....	1
6	4G0-83569-00-00	PILOT BOX, lower .....	1
7	4G0-83559-00-00	COVER, meter .....	1
8	4G0-83579-00-00	COVER, meter 2 .....	1
9	4U8-83509-00-00	SOCKET CORD ASS'Y .....	1
10	4U8-83520-00-00	SOCKET CORD ASS'Y .....	1
11	4G1-84744-00-00	BULB (12V-3.4W) (4R0-83517-00)	7
12	4G0-83519-00-00	BRACKET, meter .....	1
13	4U8-8353H-00-00	CASE, inner .....	1
14	4H7-83523-00-00	DAMPER .....	4
15	90201-052E2-00	WASHER, special (1E6-83524-60)	4
16	95301-05600-00	NUT .....	4
17	4G0-83589-00-00	GASKET .....	1
18	4U8-83523-00-00	DAMPER .....	1
19	4G0-83526-00-00	DAMPER 2 .....	3

## METER



Ref. No.	Part Number	Description	Qty.
20	92990-04200-00	WASHER, plain (92901-04200)	3
21	95301-04700-00	NUT.....	5
22	4G0-83522-00-00	COLLAR .....	3
23	4G0-83566-00-00	WASHER, special .....	1
24	92901-04100-00	WASHER, spring .....	2
25	95301-03700-00	NUT.....	6
26	92990-03100-00	WASHER, spring (92901-03100)	6
27	92990-03200-00	WASHER, plain (92901-03200)	3
28	4H7-83616-00-00	SCREW, tapping .....	12
29	97006-06040-00	BOLT (97306-06040) .....	2
30	584-83541-00-00	DAMPER .....	4
31	92990-06100-00	WASHER, spring (92903-06100)	2
32	95303-06600-00	NUT (95301-06600) .....	2
33	90387-06249-00	COLLAR .....	2
34	5G2-21787-00-00	EMBLEM 7 .....	1
35	4G0-83550-00-00	SPEEDOMETER CABLE ASS'Y	1
36	4G0-83560-00-00	TACHOMETER CABLE ASS'Y ...	1

## METER

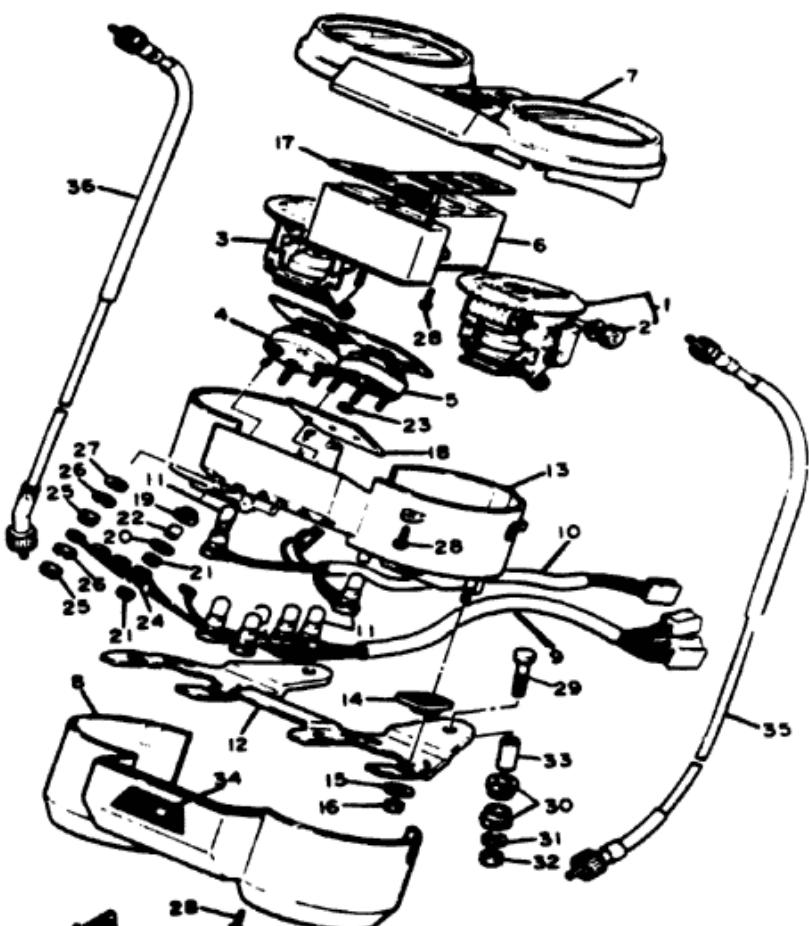


Ref. No.	Part Number	Description	Qty.	Remarks
1	4UB-83570-A0-00	SPEEDOMETER ASS'Y .....	1	
2	4UB-83578-00-00	. KNOB, trip meter .....	1	
3	4UB-83540-00-00	TACHOMETER ASS'Y .....	1	
4	4UB-85750-00-00	FUEL METER ASS'Y .....	1	
5	4G0-83503-00-00	VOLMETER ASS'Y .....	1	
6	4G0-83569-00-00	PILOT BOX, lower .....	1	
7	4G0-83559-00-00	COVER, meter .....	1	
8	4G0-83579-00-00	COVER, meter 2 .....	1	
9	4UB-83509-00-00	SOCKET CORD ASS'Y .....	1	
10	4UB-83520-00-00	SOCKET CORD ASS'Y .....	1	
11	4G1-84744-00-00	BULB (12V 3.4W) .....	7	
12	4G0-83519-00-00	BRACKET, meter .....	1	
13	4UB-8353H-00-00	CASE, inner .....	1	
14	4H7-83523-00-00	DAMPER .....	4	
15	90201-052E2-00	WASHER, plate .....	4	
16	95301-05600-00	NUT .....	4	
17	4G0-83589-00-00	GASKET .....	1	
18	4UB-83523-00-00	DAMPER .....	1	
19	[4G0-83526-00-00]	DAMPER 2 .....	3	
20	92990-04200-00	WASHER, plain (92901-04200) .	3	

Headlight : Taillight : Signal Rating

12V30-40W / 12V27-9W / 12V27W

## METER

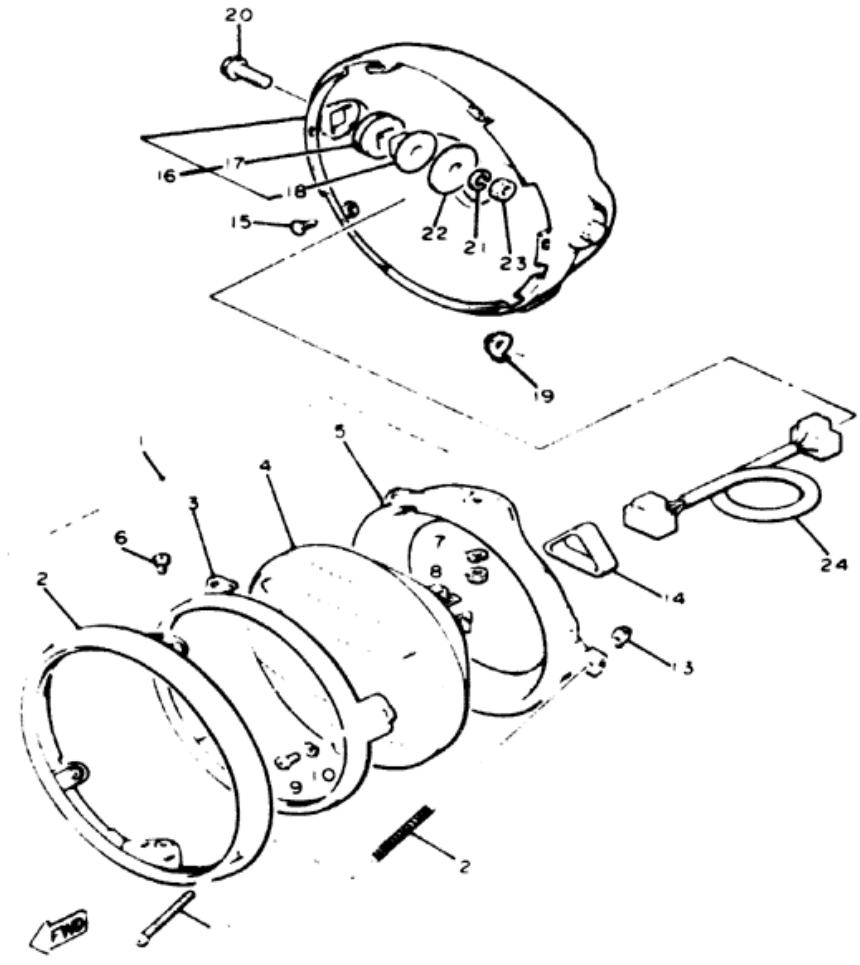


Ref. No.	Part Number	Description	Qty.	Remarks
21	95301-04700-00	NUT .....	5	
22	4G0-83522-00-00	COLLAR .....	3	
23	4G0-83566-00-00	WASHER, special .....	1	
24	92901-04100-00	WASHER, spring .....	2	
25	95301-03700-00	NUT .....	6	
26	92990-03100-00	WASHER, spring (92903-03100)	6	
27	92990-03200-00	WASHER, plain (92901-03200)	3	
28	4H7-83616-00-00	SCREW, tapping .....	12	
29	97006-06040-00	BOLT (97306-06040) .....	2	
30	584-83541-00-00	DAMPER .....	4	
31	92990-06100-00	WASHER, spring (92901-06100)	2	
32	95303-06600-00	NUT (95303-06600) .....	2	
33	90387-06249-00	COLLAR .....	2	
34	5G2-21787-00-00	EMBELM 7 .....	1	
35	4G0-83550-00-00	SPEEDOMETER CABLE ASS'Y ..	1	
36	4K0-83560-00-00	TACHOMETER CABLE ASS'Y (4G0-83560-00) .....	1	

Headlight / Taillight / Signal Lighting

12V80-60W / 12V27-9W / 12V27W

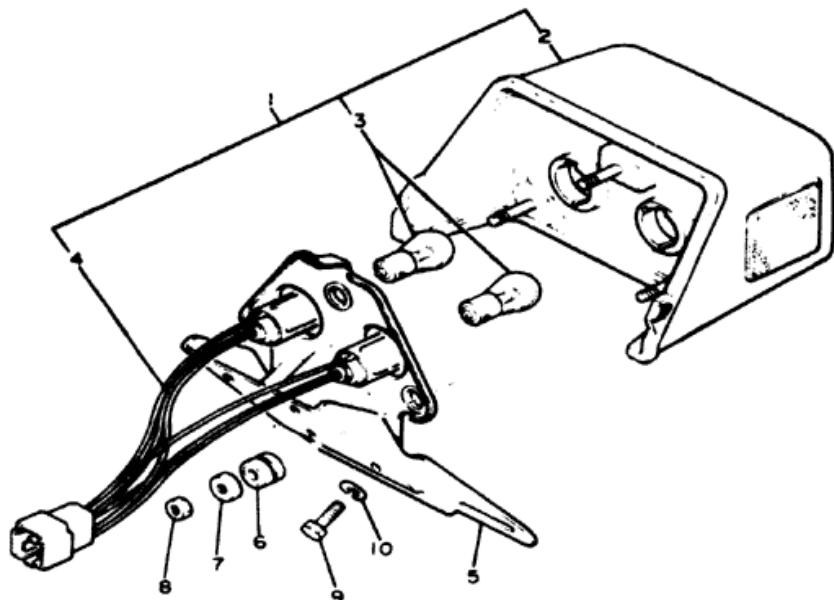
## HEADLIGHT



Ref. No.	Part Number	Description	Qty.	Remarks
1	2J2-84310-60-00	HEADLIGHT UNIT ASS'Y .....	1	
2	341-84315-40-00	. RIM, headlight .....	1	
3	2F9-84395-00-00	. RING, retaining.....	1	
4	341-84320-60-00	. LENS ASS'Y (12V-50/40W) ..	1	
5	2F9-84394-00-00	. RING, mounting .....	1	
6	98501-05010-00	. SCREW, pan head .....	2	
7	92903-05100-00	. WASHER, spring (92901-05100)	2	
8	95301-05600-00	. NUT .....	2	
9	98501-04008-00	. SCREW, pan head .....	3	
10	92901-04100-00	. WASHER, spring .....	3	
11	2F9-84331-00-00	. SCREW, rim adjusting.....	1	
12	341-84332-60-00	. SPRING, screw .....	1	
13	198-84334-60-00	. NUT, adjusting .....	1	
14	341-84397-61-00	. COVER, socket.....	1	
15	90152-05005-00	SCREW, countersunk .....	2	
16	4G0-84330-00-93	BODY ASS'Y .....	1	Chrome-Plated
17	584-84345-60-00	. DAMPER, headlight.....	2	
18	584-84338-60-00	. COLLAR, body fitting.....	2	
19	4K0-84327-00-00	WASHER, special .....	1	
20	90105-08174-00	BOLT, washer based.....	2	
21	92990-08100-00	WASHER, spring (92903-08100)	2	
22	90209-08098-00	WASHER .....	2	
23	95303-08600-00	NUT (95301-08600) .....	2	
24	2H7-84359-00-00	CORD, headlight .....	1	

Headlight / Taillight / Signal Rating	12V50-40W / 12V27-8W / 12V27W
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## TAILLIGHT



Ref. No.	Part Number	Description	Qty.	Remarks
1	4U8-84710-60-00	TAILLIGHT UNIT ASS'Y.....	1	
2	4U8-84710-60-00	. LENS, taillight (4U8-84721-60)	1	
3	256-84714-61-00	. BULB (4G0-84714-00).....	2	
4	4G0-84735-00-00	. CORD ASS'Y.....	1	
5	4U8-84751-60-00	BRACKET, license.....	1	
6	4G0-84754-00-00	WASHER, special .....	3	
7	4G0-84725-00-00	WASHER, special .....	3	
8	95303-06600-00	NUT (95302-06600) .....	3	
9	97313-06012-00	BOLT (97301-06012) .....	4	
10	92990-06100-00	WASHER, spring (92903-06100)	4	

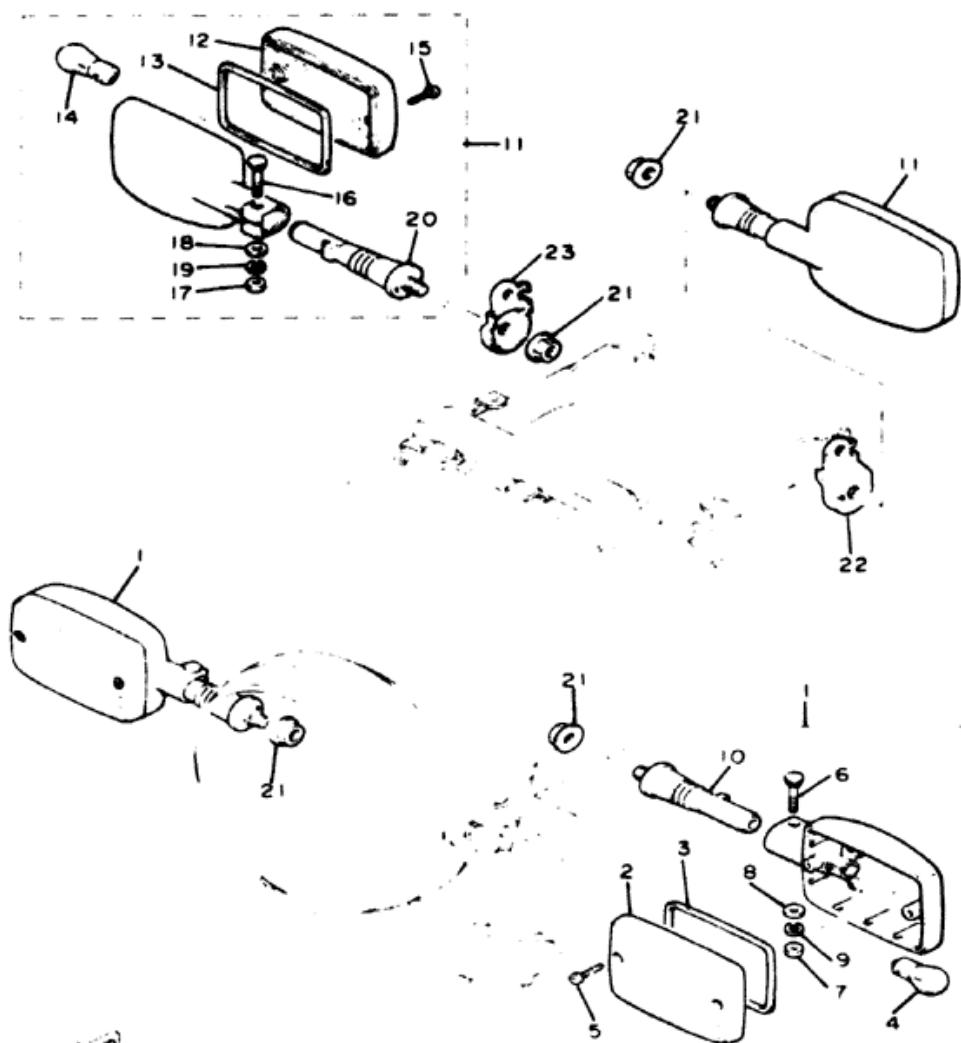
Headlight / Taillight / Signal Rating

12V50-40W / 12V27-6W / 12V27W

FWD

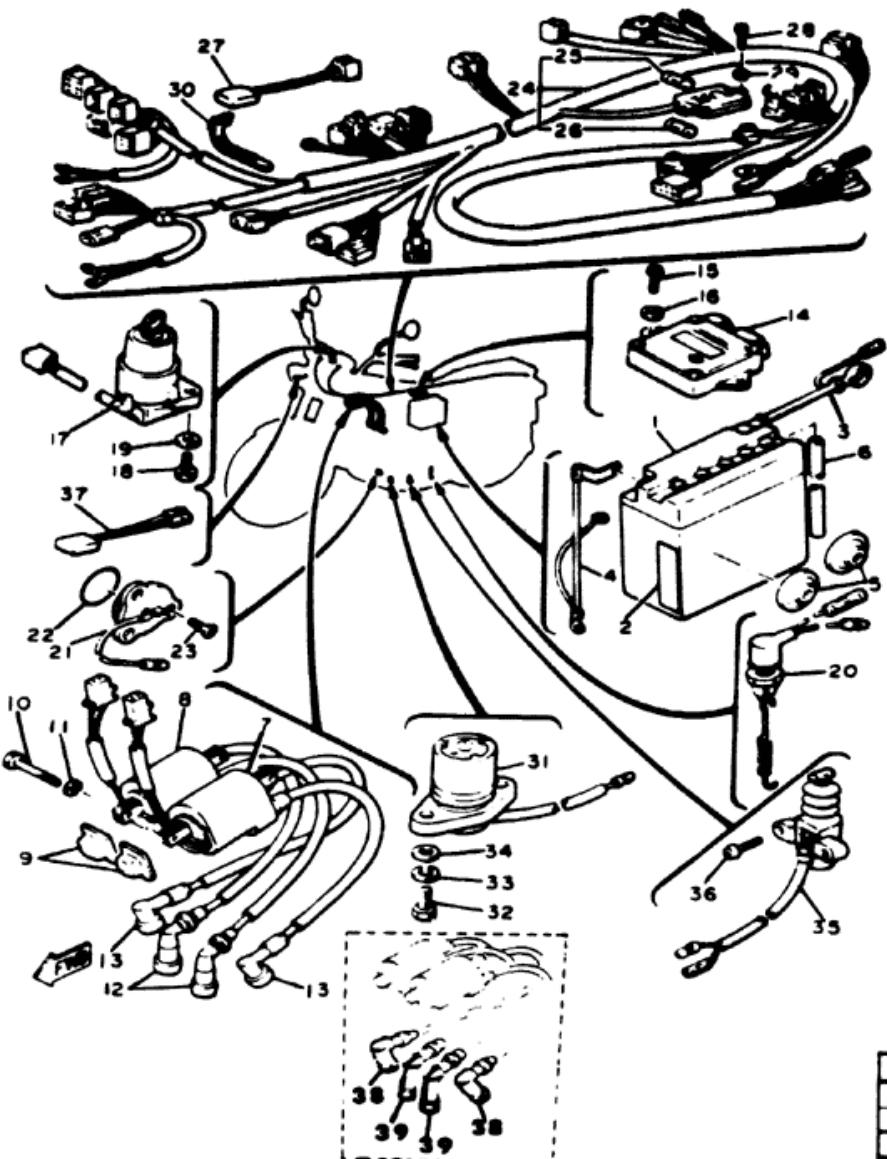
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## TURN SIGNAL



Ref. No.	Part Number	Description	Qty.
1	4G0-83310-20-00	FRONT FLASHER LIGHT ASS'Y	1
2	4G0-83312-00-00	. LENS, flasher .....	1
3	4G0-83313-00-00	. GASKET, flasher lens .....	1
4	256-83311-70-00	. BULB (12V-27W) .....	1
5	97701-40518-00	. SCREW, tapping.....	2
6	4G0-83317-00-00	. BOLT, flasher 1.....	1
7	95301-05600-00	. NUT (95303-05600).....	1
8	92990-05600-00	. WASHER, plate (92903-05600)	1
9	92903-05100-00	. WASHER, spring .....	1
10	4G0-83318-00-00	. STAY, flasher 1.....	1
11	4G0-83330-20-00	REAR FLASHER LIGHT ASS'Y	1
12	4G0-83312-00-00	. LENS, flasher .....	1
13	4G0-83313-00-00	. GASKET, flasher lens .....	1
14	256-83311-70-00	. BULB (12V-27W) .....	1
15	97701-40518-00	. SCREW, tapping.....	2
16	4G0-83317-00-00	. BOLT, flasher 1.....	1
17	95301-05600-00	. NUT (95303-05600).....	1
18	92990-05600-00	. WASHER, plate (92903-05600)	1
19	92903-05100-00	. WASHER, spring .....	1
20	4G0-83318-00-00	. STAY, flasher 1.....	1
21	95701-12500-00	NUT, flange (95701-12100).....	4
22	4G0-83368-00-00	STAY, flasher.....	1
23	4G0-83369-00-00	STAY, flasher.....	1

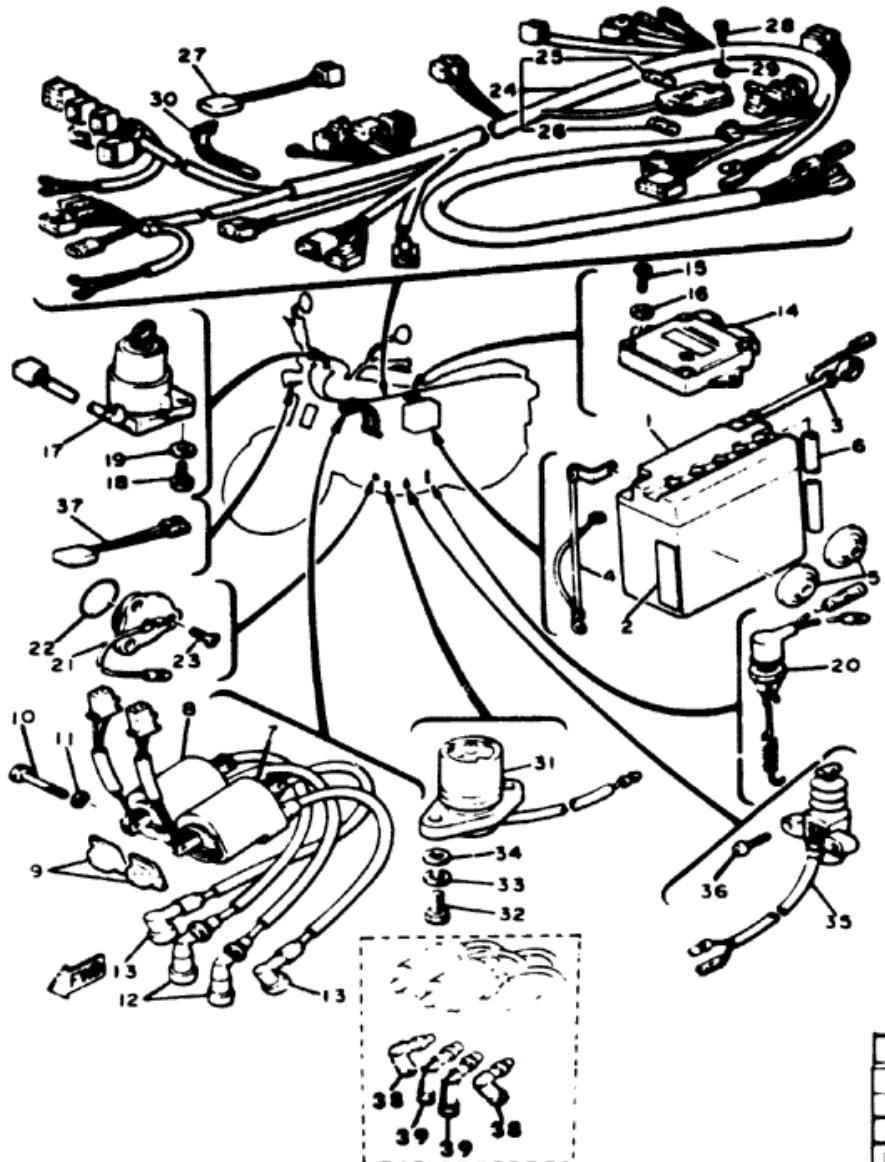
## ELECTRICAL 1



Ref. No.	Part Number	Description	Qty.	Remarks
1	BTY-12N12A-4A-A1	BATTERY ASS'Y (366-82110-79)	1	
2	118-82141-09-00	LABEL, battery (LIT-82141-09)	1	
3	4G0-82115-00-00	WIRE, plus lead.....	1	
4	4G0-82116-00-00	WIRE, minus lead .....	1	
5	371-82121-00-00	PAD, battery.....	2	
6	90445-08348-00	HOSE .....	1	
7	4G0-82310-60-00	IGNITION COIL ASS'Y .....	1	
8	4G0-82320-60-00	IGNITION COIL ASS'Y .....	1	
9	4G0-82317-00-00	DAMPER, ignition coil .....	2	
10	97303-06020-00	BOLT (97302-06020) .....	2	
11	92990-06100-00	WASHER, spring (92903-06100)	2	
12	4G0-82370-21-00	PLUG CAP ASS'Y (4G0-82370-20)	2	
13	55X-82370-00-00	PLUG CAP ASS'Y (5H0-82370-00)	2	
14	4U8-82305-10-00	IGNITOR UNIT ASS'Y .....	1	
15	92580-06012-00	SCREW, pan head (92503-06012)	1	
16	92901-06600-00	WASHER (92902-06600).....	1	
17	47M-82501-50-00	MAIN SWITCH ASS'Y (4H7-82508-50).....	1	
18	97321-06016-00	BOLT (97322-06016) .....	2	
19	92901-06600-00	WASHER (92902-06600).....	2	
20	2F1-82530-00-00	STOP SWITCH ASS'Y .....	1	

Battery: Model / Specific Gravity / Charge Rate	GS 12N12A-4A / 1.28 / 1.2A
Ignition Coil Test Gap / Primary $\Omega$ / Secondary $\Omega$	6mm / 2.5 $\Omega$ $\pm$ 10% / 11K $\Omega$ $\pm$ 20%
Pulser Coil or Pickup Coil Color Code / $\Omega$	Org ~ Blk / 650 $\Omega$ $\pm$ 20% Grn ~ Blk / 650 $\Omega$ $\pm$ 20%
Source Coil Color Code / $\Omega$	Blk
<b>LIGHTING SYSTEM</b>	
Headlight, Taillight / Signal Rating	12V50-40W / 12V27-8W / 12V27W

## ELECTRICAL 1

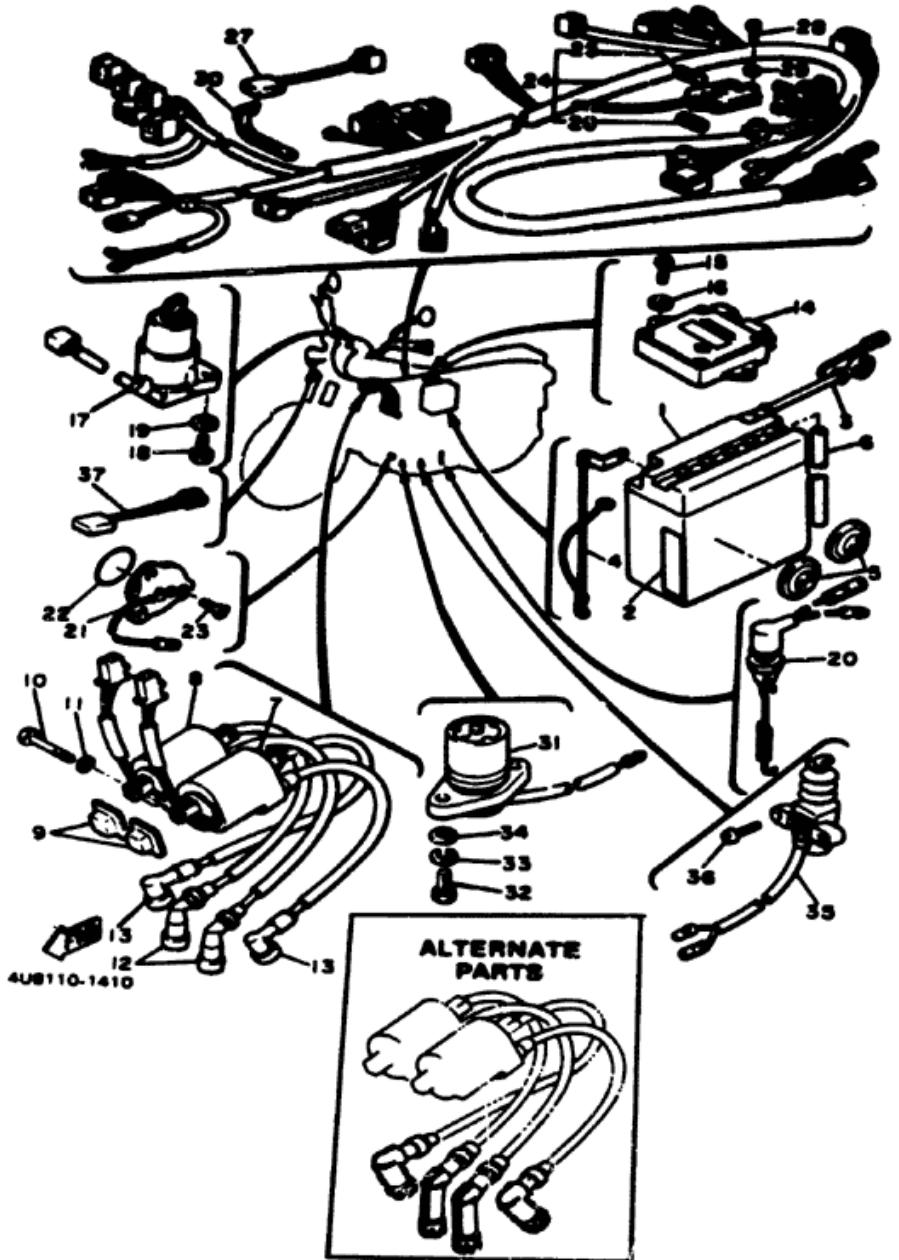


Ref. No.	Part Number	Description	Qty.	Remarks
21	1L9-82540-00-00	NEUTRAL SWITCH ASS'Y .....	1	
22	93210-29196-00	O-RING .....	1	
23	98701-05012-00	SCREW, flat head .....	3	
24	4UB-82590-50-00	WIRE HARNESS ASS'Y .....	1	
25	116-82151-00-00	. FUSE (12V-10A) .....	3	
26	1A0-82161-00-00	. FUSE (12V-20A) .....	1	
27	4UB-81980-M0-00	DIODE .....	1	
28	92580-06012-00	SCREW, pan head (92503-06012)	2	
29	92901-06600-00	WASHER (92902-06600) .....	2	
30	437-83936-10-00	BAND, switch cord .....	3	
31	4UB-85720-00-00	OIL LEVEL GAUGE ASS'Y .....	1	
32	97011-06020-00	BOLT (97321-06020) .....	2	
33	92990-06100-00	WASHER, spring (92903-06100)	2	
34	92901-06600-00	WASHER, plate .....	2	
35	4UB-82566-00-00	SWITCH, side stand .....	1	
36	98706-05016-00	SCREW, flat head .....	2	
37	4UB-82541-00-00	WIRE, lead .....	1	

### ALTERNATE PARTS

38	4UB-82370-21-00	PLUG CAP ASS'Y .....	2
39	4UB-82370-31-00	PLUG CAP ASS'Y .....	2

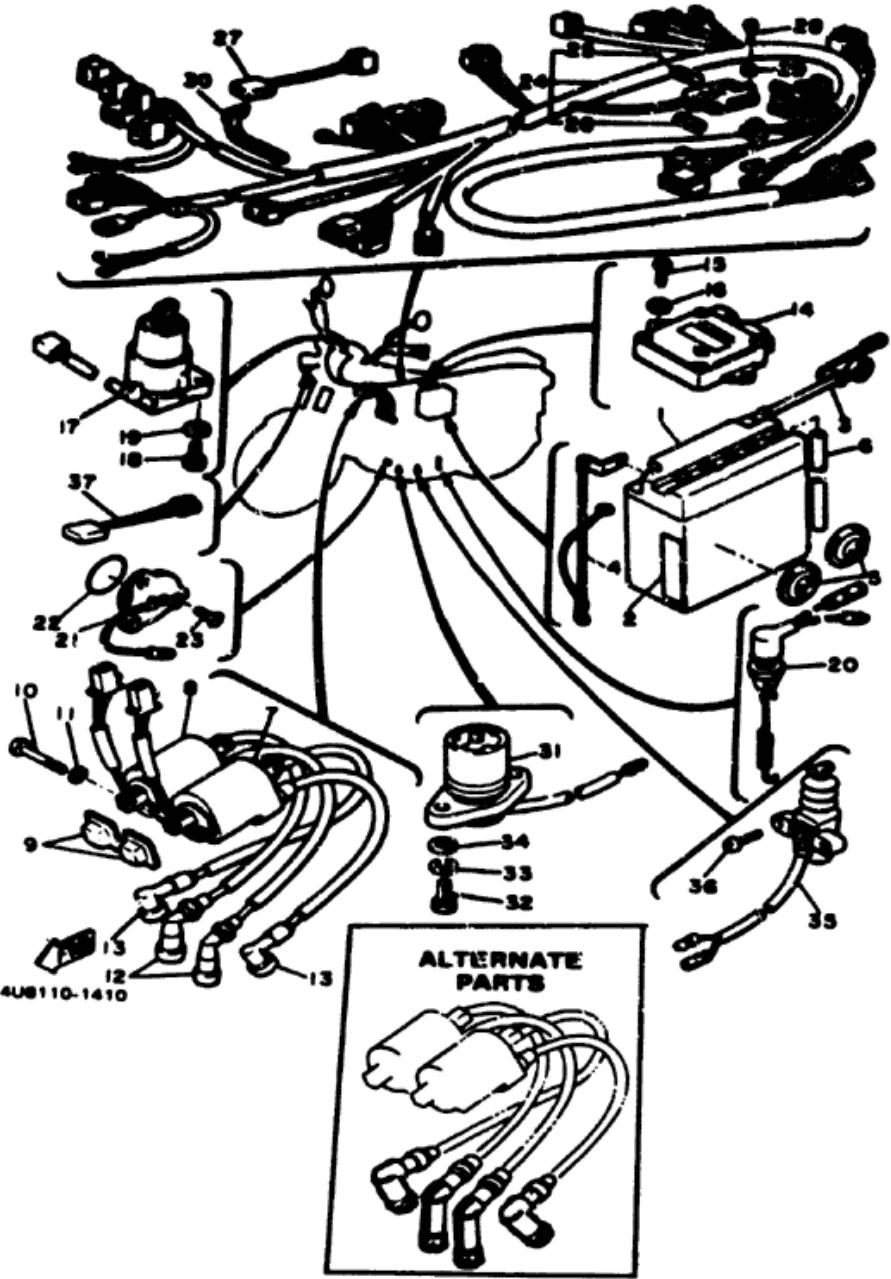
Battery: Model / Specific Gravity / Charge Rate	GS 12N12A-4A / 1.28 / 1.2A
Ignition Coil Test Gap / Primary Ω / Secondary Ω	6mm / 2.5 Ω ± 10% / 11K Ω ± 20%
Pulser Coil or Pickup Coil Color Code / Ω	Org ~ Blk / 650 Ω ± 20% Gny ~ Blk / 650 Ω ± 20%
Source Coil Color Code / Ω	Blk
LIGHTING SYSTEM	
Headlight / Taillight / Signal Rating	12V50-40W / 12V27-8W / 12V27W



## ELECTRICAL 1

Ref. No.	Part Number	Description	Qty.	Remarks
1	BTY-12N12-A4-A1	BATTERY ASS'Y .....	1	
2	118-82141-09-00	LABEL, battery .....	1	
3	4G0-82115-00-00	WIRE, plus lead .....	1	
4	4G0-82116-00-00	WIRE, minus lead .....	1	
5	371-82121-00-00	PAD, battery .....	2	
6	90445-08348-00	HOSE .....	1	
7	4G0-82310-61-00	IGNITION COIL ASS'Y (4G0-82310-60) .....	1	
8	4G0-82320-60-00	IGNITION COIL ASS'Y .....	1	
9	4G0-82317-00-00	DAMPER, Ignition coil .....	2	
10	97003-06020-00	BOLT (97302-06020) .....	2	
11	92902-06100-00	WASHER, spring .....	2	
12	4G0-82370-21-00	PLUG CAP ASS'Y (4G0-82370-20) .....	2	
	4U8-82370-21-00	PLUG CAP ASS'Y (w/noise suppressor) .....	2	AP
13	55X-82370-00-00	PLUG CAP ASS'Y (5H0-82370-00) .....	2	
13	4U8-82370-31-00	PLUG CAP ASS'Y (w/noise suppressor) .....	2	AP
14	4U8-82305-10-00	IGNITOR UNIT ASS'Y .....	1	
15	92580-06012-00	SCREW, pan head (92501-06012) .....	1	
16	92901-06600-00	WASHER (92902-06600) .....	1	

Ignition Coil Test Gap / Primary G / Secondary G	6mm / 2.80 ± 10% / 11KΩ ± 20%
Pulser Coil or Pickup Coil Color Code / G	Org ~ Blk, Grn ~ Blk / 1200 ± 20%
Source Coil Color Code / G	•
<b>Headlight / Signal Rating</b>	<b>12V80-45W / 12V27-5W / 12V27W</b>
Battery: Model / Specific Gravity / Charge Rate	12N12A-6A (12V12Amp) / 1.28 / 1.2A
Maximum Output	16V17A @ 6000 rpm

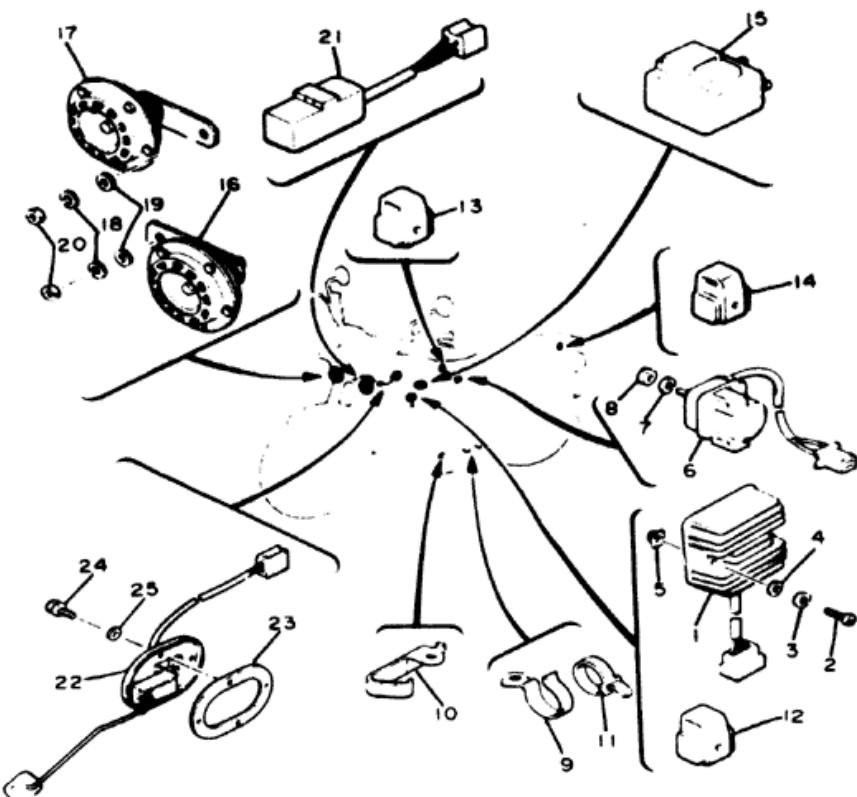


## ELECTRICAL 1

Ref. No.	Part Number	Description	Qty.	Remarks
17	3LK-82508-50-00	MAIN SWITCH ASS'Y .....	1	
18	97011-06016-00	BOLT (97322-06016) .....	2	
19	92901-06600-00	WASHER (92902-06600) .....	2	
20	2F1-82530-01-00	STOP SWITCH ASS'Y (2F1-82530-00) .....	1	
21	1L9-82540-00-00	NEUTRAL SWITCH ASS'Y .....	1	
22	93210-29196-00	O-RING .....	1	
23	98701-05012-00	SCREW, flat head .....	3	
24	4U8-82590-50-00	WIRE HARNESS ASS'Y .....	1	
25	116-82151-00-00	. FUSE (12V-10A) (1A0-82151-00) .....	3	
26	1A0-82151-00-00	. FUSE (12V-20A) .....	1	
27	4U8-81980-M0-00	DIODE .....	1	
28	92580-06012-00	SCREW, panhead (92501-06012) .....	2	
29	92901-06600-00	WASHER (92902-06600) .....	2	
30	437-83936-10-00	BAND, switch cord .....	3	
31	4U8-85720-00-00	OIL LEVEL GAUGE ASS'Y .....	1	
32	97011-06020-00	BOLT (97321-06020) .....	2	
33	92990-06100-00	WASHER, spring (92901-06100) .....	2	
34	92901-06600-00	WASHER, plate .....	2	
35	4U8-82586-00-00	SWITCH, side stand .....	1	
36	98706-05016-00	SCREW, flat head .....	2	
37	4U8-82541-00-00	WIRE, lead .....	1	

Ignition Coil Test Gap : Primary G / Secondary g	6mm / 2.50 ± 10% / 11kΩ ± 20%
Pulser Coil or Pickup Coil Color Code : G	Orange ~ 8%, Gray ~ 8%, 1200 ± 20%
Source Coil Color Code : G	#
Lighting System	
Headlight : Taillight : Signal Rating	12V50-40W / 12V27-5W / 12V27W
Battery: Model : Specific Gravity / Charge Rate	12H12A-4A (12V12Ah) / 1.28 / 1.2A
Maximum Output	14V17A @ 6000 rpm

## ELECTRICAL 2

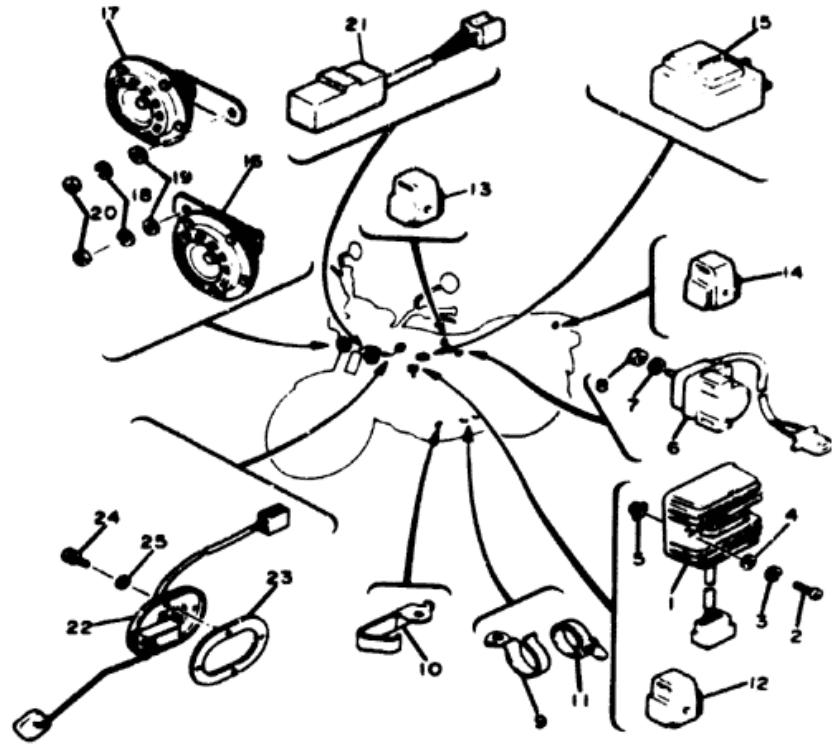


4U8110-1420

Ref. No.	Part Number	Description	Qty.	Remarks
1	3G1-81960-A0-00	RECTIFIER & REGULATOR ASS'Y (3G1-81960-50).....	1	
2	92501-06030-00	SCREW, pan head (92502-06030)	2	
3	92990-06100-00	WASHER, spring (92903-06100)	2	
4	92901-06600-00	WASHER (92902-06600).....	2	
5	4G0-21736-00-00	NUT, plate .....	2	
6	22U-81940-00-00	STARTER SWITCH ASS'Y.....	1	
7	92990-06100-00	WASHER, spring (92903-06100)	2	
8	95303-06700-00	NUT (95301-06700) .....	2	
9	90462-08078-00	CLAMP .....	2	
10	90462-08087-00	CLAMP .....	1	
11	341-26397-01-00	BAND .....	2	
12	12R-81950-00-00	STARTER CIRCUIT CUT-OFF RELAY (4H7-81950-01) .....	1	
13	3H5-81950-00-00	HEADLIGHT RELAY ASS'Y .....	1	
14	4U8-81950-01-00	SIDE STAND RELAY ASS'Y (4U8-81950-00).....	1	
15	4E8-83350-70-00	FLASHER RELAY ASS'Y.....	1	
16	4G0-83371-20-00	HORN .....	1	
17	4G0-83371-30-00	HORN .....	1	
18	92906-08100-00	WASHER, spring .....	2	
19	92906-08200-00	WASHER, plain .....	2	
20	95306-08800-00	NUT.....	2	
21	1A0-83395-03-00	FLASHER CANCELLING UNIT	1	
22	4G0-85752-00-00	SENDER UNIT ASS'Y, fuel meter	1	
23	2H7-85753-00-00	GASKET, sender unit.....	1	
24	95802-06014-00	BOLT, flange.....	4	
25	90202-06010-00	WASHER, plate .....	4	

Ignition Coil Test Gap / Primary Ω / Secondary Ω	6mm / 2.5 Ω ± 10% / 11K Ω ± 20%
Pulser Coil or Pickup Coil Color Code / Ω	Org ~ Blk / 650 Ω ± 20% Grv ~ Blk / 650 Ω ± 20%
Source Coil Color Code / Ω	Gr
LIGHTING SYSTEM	
Headlight / Taillight / Signal Rating	12V50-40W / 12V27-8W / 12V27W

## ELECTRICAL 2



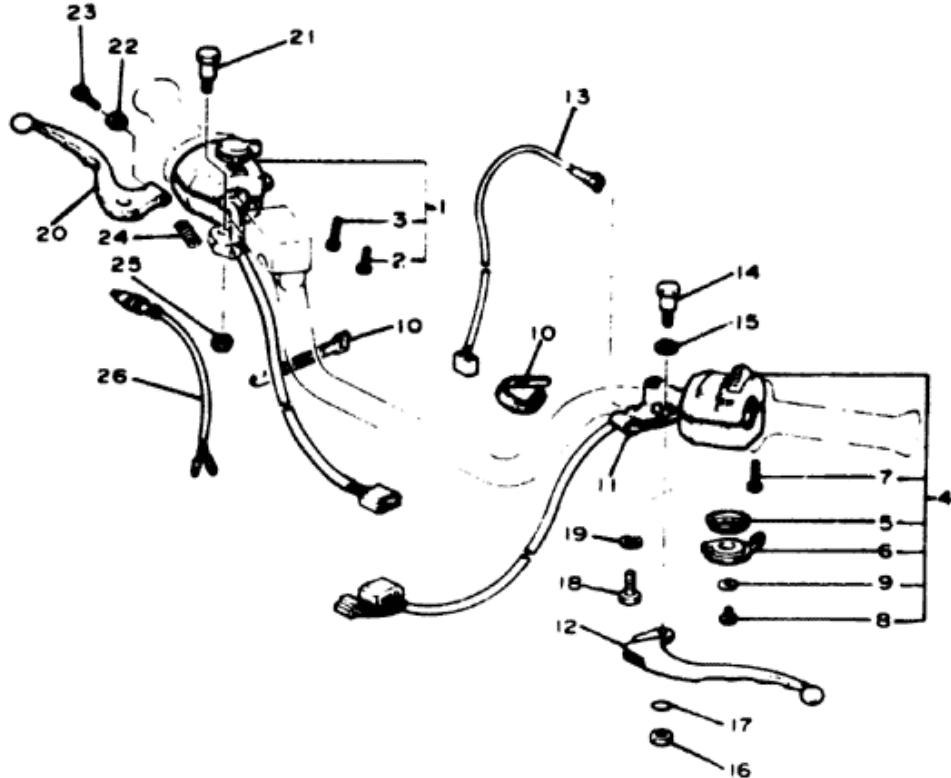
4U8110-1420

Ignition Coil Test Gap : Primary 0 / Secondary 0	6mm : 2.80 ± 10% : 11kΩ ± 20%
Pulse Coil or Pickup Coil Color Code : 0	Org ~ Bl. Grn ~ Bl. - 120Ω ± 30%
Source Coil Color Code : 0	—

MAXIMUM SPEEDS	
Headlight / Taillight / Signal Rating	12V80-40W / 12V27-8W / 12V27W

Ref. No.	Part Number	Description	Qty.	Remarks
1	3G1-81960-A0-00	RECTIFIER & REGULATOR ASS'Y (3G1-81960-51) . . . . .	1	
2	92502-06030-00	SCREW, pan head . . . . .	2	
3	92902-06100-00	WASHER, spring . . . . .	2	
4	92990-06600-00	WASHER (92902-06100) . . . . .	2	
5	4G0-21736-00-00	NUT, plate . . . . .	2	
6	3A7-81940-00-00	STARTER SWITCH ASS'Y . . . . .	1	
7	92990-06100-00	WASHER, spring (92902-06100) . . . . .	2	
8	95303-06700-00	NUT (95302-06700) . . . . .	2	
9	90462-08078-00	CLAMP . . . . .	2	
10	90462-08087-00	CLAMP . . . . .	1	
11	341-26397-01-00	BAND . . . . .	2	
12	12R-81950-01-00	STARTER CIRCUIT CUT-OFF RELAY (12R-81950-00) . . . . .	1	
13	3H5-81950-00-00	HEADLIGHT RELAY ASS'Y . . . . .	1	
14	4U8-81950-02-00	SIDE STAND RELAY ASS'Y (4U8-81950-00) . . . . .	1	
15	4E6-83350-70-00	FLASHER RELAY ASS'Y . . . . .	1	
16	4G0-83371-20-00	HORN . . . . .	1	
17	4G0-83371-30-00	HORN . . . . .	1	
18	92906-08100-00	WASHER, spring . . . . .	2	
19	92906-08200-00	WASHER, plain . . . . .	2	
20	95306-08800-00	NUT . . . . .	2	
21	1A0-83395-03-00	FLASHER CANCELLING UNIT . . . . .	1	
22	4G0-85752-00-00	SENDER UNIT ASS'Y, fuel meter	1	
23	2H7-85753-00-00	GASKET, sender unit . . . . .	4	
24	95821-06014-00	BOLT, flange (95802-06014) . . . . .	4	
25	90202-06010-00	WASHER, plate . . . . .	4	

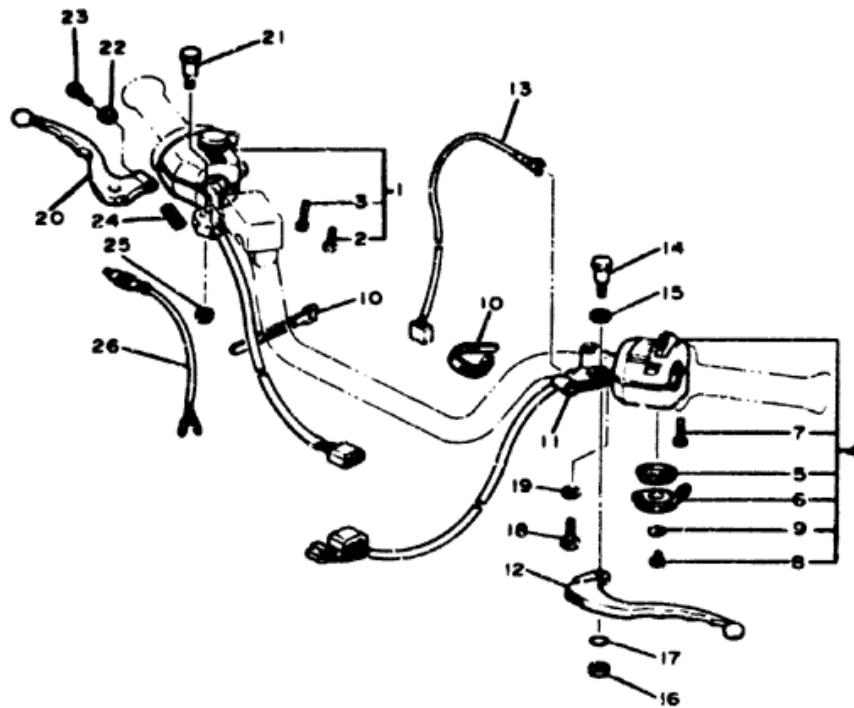
## HANDLE SWITCH · LEVER



4U8110 1430

Ref. No.	Part Number	Description	Qty.
1	2H7-83975-01-00	SWITCH, handle 2 .....	1
2	98506-05030-00	. SCREW, pan head .....	1
3	98506-05040-00	. SCREW, pan head .....	1
4	4H7-83973-00-00	SWITCH, handle 3 (4U8-83973-01)	1
5	90209-10131-00	. WASHER .....	1
6	4H7-83941-00-00	. LEVER, starter .....	1
7	98506-05030-00	. SCREW, pan head .....	2
8	92506-06008-00	. SCREW, pan head .....	1
9	92990-06200-00	. WASHER, plain (92903-06200)	1
10	437-83936-00-00	BAND, switch cord .....	2
11	4K0-82911-00-00	HOLDER, lever 1 .....	1
12	2H0-83912-20-00	LEVER 1 .....	1
13	3Y6-82917-00-00	SWITCH .....	1
14	2H7-83945-00-00	BOLT, lever .....	1
15	90201-08083-00	WASHER, plate .....	1
16	95601-06100-00	NUT, u .....	1
17	93210-11368-00	O-RING .....	1
18	97306-06022-00	BOLT .....	1
19	92906-06100-00	WASHER, spring .....	1
20	2H7-83922-00-00	LEVER 2 .....	1
21	90109-06465-00	BOLT .....	1
22	90170-06010-00	NUT .....	1
23	90149-06131-00	SCREW .....	1
24	90501-10312-00	SPRING, compression .....	1
25	95601-06100-00	NUT, u .....	1
26	1A0-83980-30-00	FRONT STOP SWITCH ASS'Y ..	1

## HANDLE SWITCH - LEVER



4U8110-1430

Ref. No.	Part Number	Description	Qty.	Remarks
1	2H7-83975-01-00	SWITCH, handle 2 . . . . .	1	
2	98506-05030-00	. SCREW, panhead . . . . .	1	
3	98506-05040-00	. SCREW, panhead . . . . .	1	
4	4H7-83973-00-00	SWITCH, handle 3 (4U8-83973-01) . . . . .	1	
5	90209-10131-00	. WASHER . . . . .	1	
6	4H7-83941-00-00	. LEVER, starter . . . . .	1	
7	98506-05030-00	. SCREW, panhead . . . . .	2	
8	92506-06008-00	. SCREW, panhead . . . . .	1	
9	92990-06200-00	. WASHER, plain (92901-06200) . . . . .	1	
*10	437-83936-01-00	RAND, switch cord (437-83936-00) . . . . .	2	
11	4K0-82911-00-00	HOLDER, lever 1 . . . . .	1	
12	2H7-83912-20-00	LEVER 1 (2H7-83912-00) . . . . .	1	
13	3Y6-82917-00-00	SWITCH . . . . .	1	
14	2H7-83945-00-00	BOLT, lever . . . . .	1	
15	90201-08083-00	WASHER, plate . . . . .	1	
16	95601-06100-00	NUT, u . . . . .	1	
17	93210-11368-00	O-RING . . . . .	1	
18	97006-06022-00	BOLT (97306-06022) . . . . .	1	
19	92906-06100-00	WASHER, spring . . . . .	1	
20	2H7-83922-00-00	LEVER 2 . . . . .	1	
21	90109-06465-00	BOLT . . . . .	1	
22	90170-06010-00	NUT . . . . .	1	
23	90149-06131-00	SCREW . . . . .	1	
24	90501-10312-00	SPRING, compression . . . . .	1	
25	95601-06100-00	NUT, u . . . . .	1	
26	1A0-83980-30-00	FRONT STOP SWITCH ASS'Y . . . . .	1	

\*Indicates new part numbers activated from March, 1989.

## **TOP END GASKET KIT**

Ref. No.	Part Number	Description	Qty.	Remarks
<b>4U8-W0001-00-XX TOP END GASKET KIT . . . . .</b>				
	<b>4U8-11181-00-00</b>	<b>CYLINDER HEAD GASKET . . . . .</b>	<b>1</b>	
	<b>3KM-11193-00-00</b>	<b>HEAD COVER GASKET (4G0-11193-00) . . . . .</b>	<b>1</b>	
	<b>93210-62323-00</b>	<b>CYLINDER BASE O-RING . . . . .</b>	<b>4</b>	
	<b>93210-09443-00</b>	<b>CYLINDER O-RING . . . . .</b>	<b>4</b>	
	<b>90430-14131-00</b>	<b>DOWEL PIN GASKET . . . . .</b>	<b>2</b>	
	<b>4U8-11351-00-00</b>	<b>CYLINDER BASE GASKET . . . . .</b>	<b>1</b>	
	<b>93210-08632-00</b>	<b>TENSIONER CASE O-RING . . . . .</b>	<b>1</b>	
	<b>4G0-12213-00-00</b>	<b>TENSIONER CASE GASKET . . . . .</b>	<b>1</b>	
	<b>5H0-12119-00-00</b>	<b>VALVE STEM SEAL . . . . .</b>	<b>8</b>	
	<b>33M-13556-00-00</b>	<b>INTAKE GASKET (4G0-13556-00) . . . . .</b>	<b>4</b>	
	<b>4H7-14813-00-00</b>	<b>EXHAUST GASKET . . . . .</b>	<b>4</b>	

**NOTE:** This set does not include two cylinder stud o-rings, P/N 93210-18322-00, which should be replaced when performing top end repairs.

# XJ550RH

## 1981 SERVICE DATA

This bulletin replaces M80-100.  
Please remove and destroy bulletin M80-100. ▲ Denotes a change from the original bulletin.

MODEL - IBM I.D. NUMBER	XJ550RH	4U8
Initial Engine Number / Frame Number	4U8-000101 / 4U8-000101	
Basic Color(s)	New Pearl White	
Fuel Type / Fuel Tank Capacity / Reserve Capacity	Regular / 16 Lit. (4.2 Gal.) / 3.5 Lit. (0.9 Gal.)	
Dry Vehicle Weight	185 kg (408 lb.)	
<b>ENGINE TYPE</b>	4-Stroke, Parallel Four, DOHC, Air-Cooled	
Bore/Stroke/Number Cylinders/Displacement (cc)	57.0mm / 51.8mm / 4 / 528cc	
Compression Ratio/Compression Pressure Min~Max	9.5:1 / 7.0 ~ 9.5 kg/cm <sup>2</sup>	
Piston Skirt Clearance New / Max	0.025 ~ 0.045mm / 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 / 0.16mm ~ 0.20mm	
Oil Pressure Hot / rpm	NA	
Oiling System	Wet Sump	
Capacity: Dry	2900cc	
Oil and Filter Change	2500cc	
Oil Change	2200cc	
Lubricant: Temp. Above 5°C (40°F)	Yamalube 4* or SAE 20W40	
Temp. Below 15°C (60°F)	SAE 10W30	
<b>AUTOLUBE - Min Stroke / Color Code</b>	Ø	
Minimum Output @ 200 Cycles	Ø	
Maximum Output @ 200 Cycles	Ø	
<b>CARBURETOR - Mfr. / Type / I.D. Number</b>	Mikuni / BS28 / 4U8-00	
Main Jet / Pilot Jet	112.5 / 35	
Needle Jet / Jet Needle-Clip Position	0-8 / 4GZ11	
Slide Cutaway or Throttle Valve	130	
Float Level / Fuel Level	2.0 ± 1mm (Measured From Body Edge) / 30.0mm	
Idle rpm	1200	
Max CO* / Max HC* / Set CO	7% / 500 ppm** / 4% (All Settings @ Idle)	
<b>SUSPENSION</b>		
Front Forks: Oil Type / Level / Qty	10 Wt. Fork Oil* / Ø / 230cc	
Gas Pressure	Ø	
Spring Length Std	508mm	
Monoshock: Oil Type / Qty	Ø	
Gas Pressure	Ø	
Minimum Brake Lining Thickness	Front: 0.8mm Rear: 2.0mm	
Tire Size (Nominal Pressure)	F:3.00-17 (1.75 kg/cm <sup>2</sup> /28 psi) R:110/90-18 61H (2.00 kg/cm <sup>2</sup> /28 psi)	
<b>TRANSMISSION - Oil Type/Qty Chg/Qty Reassemble</b>	See ENGINE Above	
Primary Drive Type / Teeth / Ratio	Spur Gear x HY-VO Chain / 22-21 x 65-28 / 2.432	
Secondary Drive Type / Teeth / Chain	Chain / 45-16 / 50HDSS-104L	
Clutch Friction Plate Thickness Std ~ Min	3.0 ~ 2.7mm	
Clutch Spring Length Std ~ Min	41.2 ~ 40.2mm	
Middle Gear Case Capacity	Ø	
Final Gear Case Capacity	Ø	
Gear Case Lubricant: Temp. Above 5°C (40°F)	Ø	
Temp. Below 15°C (60°F)	Ø	
All Weather Conditions	Ø	

# SERVICE DATA

FILE MOTORCYCLE - 500 SECTION	DATE 3/6/81	BUL M80-100A	
<b>CHARGING SYSTEM</b>	AC Generator / 3-Phase / Full Wave		
Battery: Model / Specific Gravity / Charge Rate	GS 12N12A-4A / 1.28 / 1.2A		
Maximum Output	14V 17A @ 5000 rpm		
<b>TROUBLESHOOTING</b>			
Field Coil Color Code / Ø	Rotor: Gm~Bm / 4.5Ω ± 10% Stator: Wh~Wh / 0.5Ω ± 10%		
Charge Coil Color Code / Ø	Ø		
<b>IGNITION SYSTEM</b>	Transistor-Controlled Ignition		
Ignition Timing	Std: 5° @ 1200 rpm Adv: 31° @ 3300 rpm		
<b>SPARK PLUG</b>			
Spark Plug Type	NGK D8EA or Nippon Denso X24ES-U		
Spark Plug Gap / Torque / Cap Ø	0.6 ~ 0.7mm / 2.0 m-kg / 10K Ø		
Point Gap / Condenser Capacitance	Ø / Ø		
<b>TROUBLESHOOTING</b>			
Ignition Coil Test Gap / Primary Ø / Secondary Ø	6mm / 2.5Ω ± 10% / 11.0KΩ ± 20%		
Pulser Coil or Pickup Coil Color Code / Ø	▲ Org ~ Blk / 650Ω ± 20% / Gry ~ Blk / 650Ω ± 20%		
Source Coil Color Code / Ø	Ø		
<b>LIGHTING SYSTEM</b>			
Headlight / Taillight / Signal Rating	12V50-40W / 12V27-8W / 12V27W		
<b>TROUBLESHOOTING</b>			
Lighting Coil Color Code / Ø	Ø		
<b>TORQUE VALUES</b>			
Front Axle Nut	14 x 1.50: 10.7 m-kg		
Front Axle Pinch Bolt	8 x 1.25: 2.0 m-kg		
Rear Axle Nut	14 x 1.50: 10.7 m-kg		
Rear Axle Holder Nut	14 x 1.50: 10.7 m-kg		
Clutch Nut	20 x 1.0: 7.0 m-kg		
Drain Plug	14 x 1.50: 4.3 m-kg		
Cylinder Head Cover	6 x 1.0: 1.0 m-kg		
Cylinder Head:	8 x 1.25: 2.2 m-kg		
Engine Mounting Bolts: Front, Upper Nut	6 x 1.0: 1.0 m-kg		
Lower Bolt	10 x 1.25: 4.2 m-kg		
Rear Nut	10 x 1.25: 4.2 m-kg		
Stay, Front	12 x 1.25: 7.0 m-kg		
	Stay, Rear	8 x 1.25: 2.0 m-kg	

Ø = Does Not Apply To This Model

NA = Information Not Available

\*\*Using YICS Tool

\*Available From Yamaha Parts Distributors Inc.

▲ For Diagnostic Use Only

## ▲ HC/CO SPECIFICATIONS WITH YICS TOOL INSTALLED

Max CO - 7% / Max HC - 500 ppm / Set CO - 4%

The idle rpm should be 1200 rpm before the YICS tool is installed. When the YICS tool is installed, the idle rpm will drop 50 ~ 100 rpm. The HC/CO specifications should be monitored at this lower idle rpm (1100 ~ 1150 rpm).

# SERVICE DATA

FILE MOTORCYCLE - 500 SECTION

DATE 8/26/81

AIL M81-028

## XJ550RJ 1982 SERVICE DATA

<b>MODEL — IBM LB. NUMBER</b>	XJ550RJ	4U8
Initial Engine Number / Frame Number	4U8-020101 / 4U8-020101	
Basic Color(s)	Maxim Red	
Fuel Type/Fuel Tank Capacity/Reserve Capacity	Regular / 16 Lit. / 3.5 Lit.	
Dry Vehicle Weight	185 kg	
<b>ENGINE TYPE</b>	4-Stroke, Air-Cooled, DOHC, Parallel Four	
Bore/Stroke/Number Cylinders/Displacement (cc)	57.0mm / 51.8mm / 4 / 528cc	
Compression Ratio/Compression Pressure Min~Max	9.5:1 / 7.0 ~ 9.5 kg/cm <sup>2</sup>	
Piston Skirt Clearance New / Max	0.025 ~ 0.045mm / 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 / 0.16mm ~ 0.20mm	
Oil Pressure Hot / rpm	0.5 kg/cm <sup>2</sup> @ 1200 rpm	
Oiling System	Wet Sump	
Capacity: Dry	2900cc	
Oil and Filter Change	2500cc	
Oil Change	2200cc	
Lubricant: Temp. Above 5°C (40°F)	Yamalube 4 <sup>°</sup> or SAE 20W40	
Temp. Below 15°C (60°F)	SAE 10W30	
<b>AIRCOOLER — Min Stroke / Color Code</b>	Ø	
Minimum Output @ 200 Cycles	Ø	
Maximum Output @ 200 Cycles	Ø	
<b>CARBURETOR — Mr. / Type / I.D. Number</b>	Mikuni / BS28 / 4U8-00	
Main Jet / Pilot Jet	112.5 / 35	
Needle Jet / Jet Needle-Clip Position	0-8 / 4GZ11 Fixed	
Slide Cutaway or Throttle Valve	130	
Float Level / Fuel Level	2.0 ± 1mm (Measured From Body Edge) / 30.0mm	
Idle rpm	1200	
Max CO* / Max HC* / Set CO	7% / 500 ppm** / 4% (All Settings @ Idle)	
<b>SUSPENSION</b>		
Front Forks: Oil Type / Level / Qty	10 Wt. Fork Oil* / Ø / 230cc	
Gas Pressure	Ø	
Spring Length Std	508mm	
Monoshock: Oil Type / Qty	Ø	
Gas Pressure	Ø	
Minimum Brake Lining Thickness	Front: 0.8mm Rear: 2.0mm	
Tire Size (Nominal Pressure)	F:3.00-H19 (1.75 kg/cm <sup>2</sup> ) R:110/90-18 61H (2.00 kg/cm <sup>2</sup> )	
<b>TRANSMISSION — Oil Type/Qty Chg/Qty Reassemble</b>	See ENGINE Above	
Primary Drive Type / Teeth / Ratio	Spur Gear x HYVO Chain / 22-21 x 65-28 / 2.432	
Secondary Drive Type / Teeth / Chain	Chain / 45-16 / 50HDSS-104L	
Clutch Friction Plate Thickness Std ~ Min	3.0 ~ 2.7mm	
Clutch Spring Length Std ~ Min	41.2 ~ 40.2mm	
Middle Gear Case Capacity	Ø	
Final Gear Case Capacity	Ø	
Gear Case Lubricant: Temp. Above 5°C (40°F)	Ø	
Temp. Below 15°C (60°F)	Ø	
All Weather Conditions	Ø	

<b>CHARGING SYSTEM</b>	AC Generator / 3-Phase / Full Wave
Battery: Model / Specific Gravity / Charge Rate	GS 12N12A-4A / 1.28 / 1.2A
Maximum Output	14V 17A @ 5000 rpm
<b>TROUBLESHOOTING</b>	
Field Coil Color Code / Ø	Rotor: Gm~Bm/4.5Ω ± 10% Stator: Whr~Whl/0.5Ω ± 10%
Charge Coil Color Code / Ø	Ø
<b>IGNITION SYSTEM</b>	Transistor-Controlled Ignition
Ignition Timing	Std: 5° @ 1200 rpm Adv: 31° @ 3300 rpm
<b>SPARK PLUG</b>	
Spark Plug Type	NGK D8EA or Nippon Denso X24ES-U
Spark Plug Gap / Torque / Cap Ø	0.6 ~ 0.7mm / 2.0 m-kg / 10K Ø
Point Gap / Condenser Capacitance	Ø / Ø
<b>TROUBLESHOOTING</b>	
Ignition Coil Test Gap / Primary Ø / Secondary Ø	6mm / 2.5 Ø ± 10% / 11K Ø ± 20%
Pulser Coil or Pickup Coil Color Code / Ø	Org ~ Blk / 450 Ø ± 20% Gry ~ Blk / 450 Ø ± 20%
Source Coil Color Code / Ø	Ø
<b>LIGHTING SYSTEM</b>	
Headlight / Taillight / Signal Rating	12V50-40W / 12V27-5W / 12V27W
<b>TROUBLESHOOTING</b>	
Lighting Coil Color Code / Ø	Ø
<b>TOQUE VALUES</b>	
Front Axle Nut	14 x 1.50: 10.7 m-kg
Front Axle Pinch Bolt	8 x 1.25: 2.0 m-kg
Rear Axle Nut	14 x 1.50: 10.7 m-kg
Rear Axle Holder Nut	14 x 1.50: 10.7 m-kg
Clutch Nut	20 x 1.0: 7.0 m-kg
Drain Plug	14 x 1.50: 4.3 m-kg
Cylinder Head Cover	6 x 1.0: 1.0 m-kg
Cylinder Head:	8 x 1.25: 2.2 m-kg
6 x 1.0: 1.0 m-kg	
Engine Mounting Bolts: Front, Upper Nut	10 x 1.25: 4.2 m-kg
Lower Bolt	10 x 1.25: 4.2 m-kg
Rear Nut	12 x 1.25: 7.0 m-kg
Stay, Front	8 x 1.25: 2.0 m-kg

Ø = Does Not Apply To This Model

NA = Information Not Available

\*\* Using YICS Tool

\* Available From Yamaha Parts Distributors Inc.

For Diagnostic Use Only

### HC/CO SPECIFICATIONS WITH YICS TOOL INSTALLED

Max CO — 7% / Max HC — 500 ppm / Set CO — 4%

The Idle rpm should be 1200 rpm before the YICS tool is installed. When the YICS tool is installed, the idle rpm will drop 50 ~ 100 rpm. The HC/CO specifications should be monitored at this lower idle rpm (1100 ~ 1150 rpm).

# SERVICE DATA

145 MOTORCYCLE - 500 SECTION

DATE 11/8/82 MA. M82-040

## XJ550RK 1983 SERVICE DATA

MODEL - 500 LB. 500CC	XJ550RK	4/5
Initial Engine Number / Frame Number	4U8-100101 / JYAMU5001	DA100101
Fuel Type/Total Fuel Tank Capacity/Reserve Cap.	Regular / 14 Ltr. / 3.8 Ltr.	
<b>ENGINES</b>		
Bore/Stroke/Number Cylinders/Displacement	4-Stroke, DOHC, Parallel Four	
Compression Ratio/Compression Pressure Min~Max	9.8:1 / 7.0 ~ 9.8 kg/cm <sup>2</sup>	
Piston Skirt Clearance New / Max	0.026 ~ 0.045mm / 0.10mm	
Ring End Gap Top / 2nd / 3rd	0.18 ~ 0.36mm / 0.18 ~ 0.36mm / 0.3 ~ 0.9mm	
Valve Clearances (Cold) Intake / Exhaust	0.11 ~ 0.18mm / 0.16 ~ 0.20mm	
Oiling System	Wet Sump	
Capacity Dry	2900cc	
Oil and Filter Change	2800cc	
Oil Change Only	2300cc	
Lubricant Temp. Above 8°C (46°F)	Yamalube 4T or SAE 20W40 SE or SF	
Temp. Below 15°C (60°F)	SAE 10W30 SE or SF	
Cooling System / Capacity	Air / 8	
Coolant Type / Mixing Ratio	G / G	
<b>ANNUALIES</b>		
Min Stroke / Color Code	#	
Minimum Output @ 200 Cycles	#	
Maximum Output @ 200 Cycles	#	
<b>CARBURETORS</b> - Manufacturer / Type / I.D. Number	Mikuni / BS2B / 4U8-00	
Main Jet / Pilot Jet	112.5 / 36	
Needle Jet / Jet Needle-Clip Position	O-8 / 4GZ11 Fixed	
Slide Cutaway	#	
Float Level / Fuel Level	30mm / 2.0 ± 1mm	
Idle rpm	1200 rpm	
Max CO% / Max HC% / Set CO (Using YICS Tool)	7% / 500 ppm / 4% (All Settings @ Idle)	
<b>SUSPENSION</b>		
Front: Inner Tube Diameter	#	
Oil Type / Level / Qty	10 Wt. Fork Oil* / # / 230cc	
Gas Pressure Min ~ Max / Standard	#	
Spring Length Std	506mm	
Rear Gas Pressure Min ~ Max / Standard	#	
Minimum Brake Lining Thickness Front / Rear	0.8mm / 2.0mm	
Tire Size (Nominal Pressure) Front / Rear	3.00H19 (1.8 kg/cm <sup>2</sup> ) / 110/90H18 (2.0 kg/cm <sup>2</sup> )	
<b>TRANSMISSION</b> - Oil Type / Qty Change / Qty Dry	See ENGINE Above	
Secondary Drive Type / Teeth Chain	Chain / 44-16 / 50HDS5104L	
Middle Gear Case Capacity	#	
Final Gear Case Capacity	#	
Gear Case Lubricant	#	

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145 MOTORCYCLE - 500 SECTION	DATE 11/8/82	MA. M82-040
<b>CHARGERS</b>	AC Generator / 3-Phase / Full Wave	
Battery: Model / Specific Gravity / Charge Rate	12N12A-4A (12V12Ah) / 1.20 ~ 1.2A	
Maximum Output	16V17A @ 6000 rpm	
Prel. Cott Color Code / G	Gm ~ Sm / 4.80 ± 10%	
Stator Cott Color Code / G	Wh ~ Wh / 0.80 ± 10%	
Charge Cott Color Code / G	#	
<b>IGNITION</b>	Transistor Controlled Ignition	
Ignition Timing	5° @ 1200 rpm Full Adv. 31° @ 3300 rpm	
Spark Plug Type	NGK DR6A or ND X24BS-U	
spark Plug Gap / Torque / Cap G	0.6 ~ 0.7mm / 2.6 m-lbs / 16Kd	
Point Gap / Condenser Capacitance	#	
Ignition Cott Test Gap / Primary G / Secondary G	6mm / 2.80 ± 10% / 11KD ± 20%	
Pulser Cott or Pickup Cott Color Code / G	Ora ~ Blk, Grn ~ Blk / 1200 ± 20%	
Source Cott Color Code / G	#	
<b>LIGHTING</b>	Headlight / Taillight / Signal Rating	
Lighting Cott Color Code / G	12V80-60W / 12V27-6W / 12V27W	
<b>SCREWS</b>		
Front Axle Nut	M14: 10.7 m-lbs	
Front Axle Holder Nut	M8: 2.0 m-lbs	
S. or Auto Nut	M14: 10.7 m-lbs	
Seat Axle Pinch Bolt	#	
Clutch Nut	M20: 7.0 m-lbs	
Drain Plug	M14: 4.3 m-lbs	
Rearwheel Nut	#	
Cylinder Head Cover	M8: 1.0 m-lbs	
Cylinder Head	M8: 2.2 m-lbs	
Engine Mounting Bolts Front Upper Nut	M8: 1.0 m-lbs	
Lower Bolt	M10: 4.2 m-lbs	
Rear Nut	M12: 7.0 m-lbs	
Front Stay	M8: 2.0 m-lbs	

# = 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-11626-03-65	
Service Manual	LIT-11616-XJ-50	
Assembly Manual	LIT-11666-03-45	Same as XJ550R, RJ Supp to XS XJ XV XZ RD Basic Assembly Manual (03-85)
Consumer Information	LIT-11656-03-45	